

Theophylline-derived N-heterocyclic carbenes and their metal complexes

Masoomeh Fereidoonzadeh

Bergische Universität Wuppertal, the faculty of Mathematics and Natural Sciences

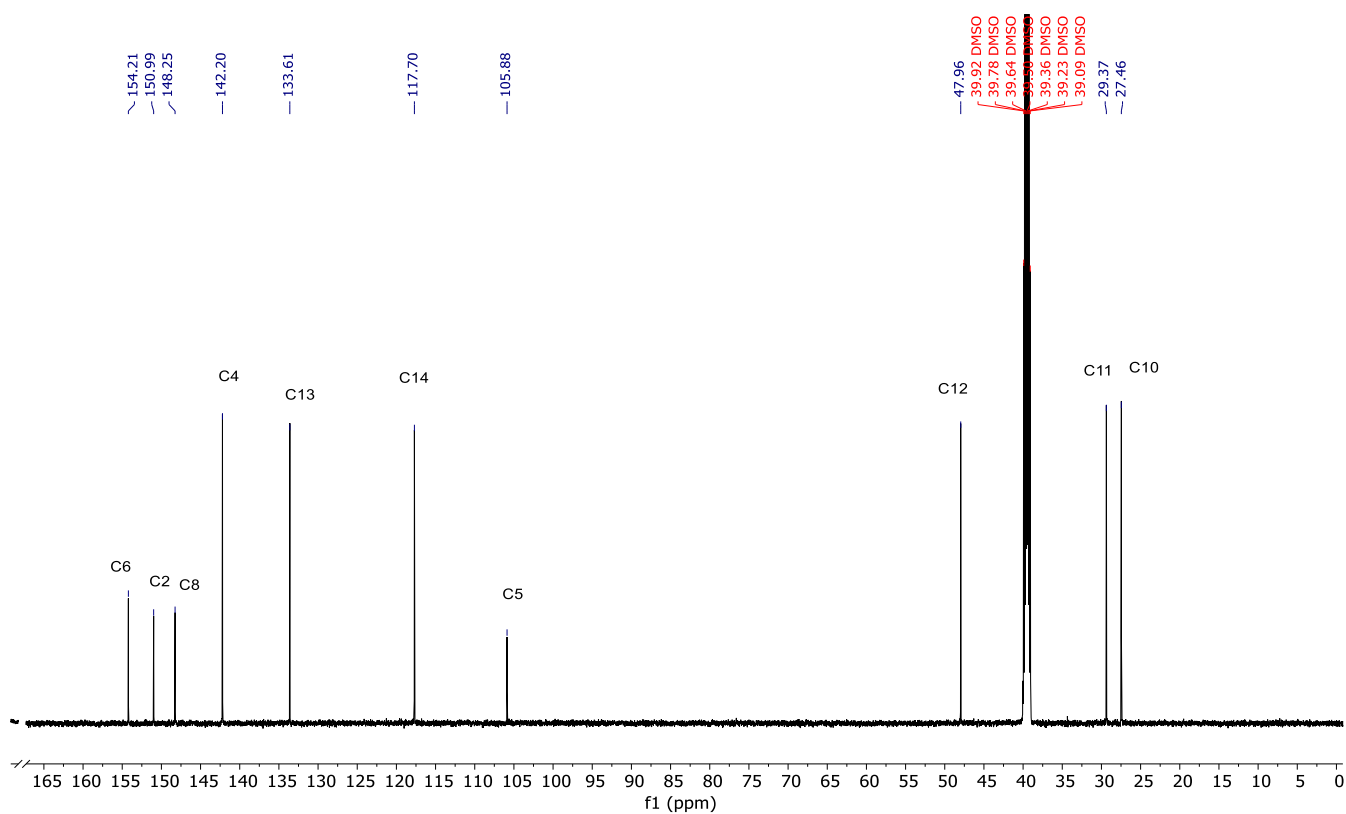
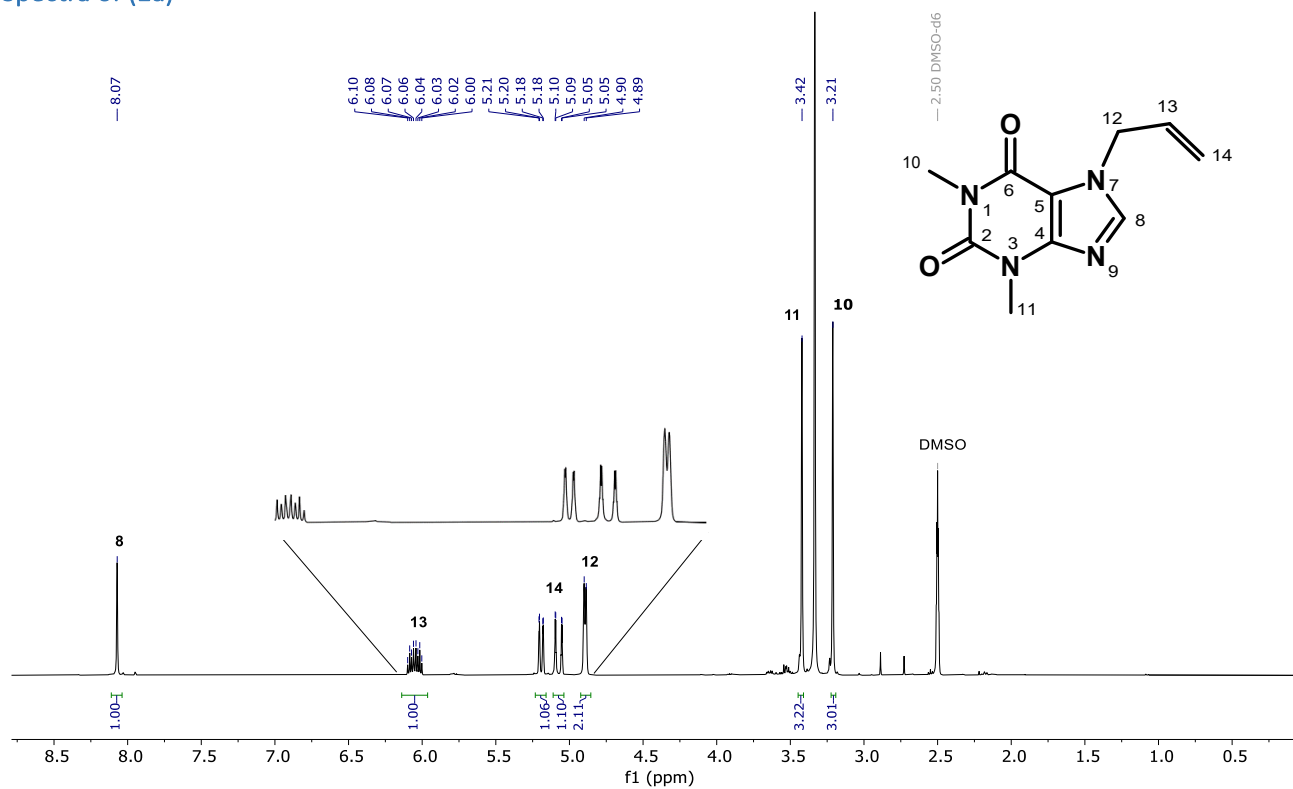
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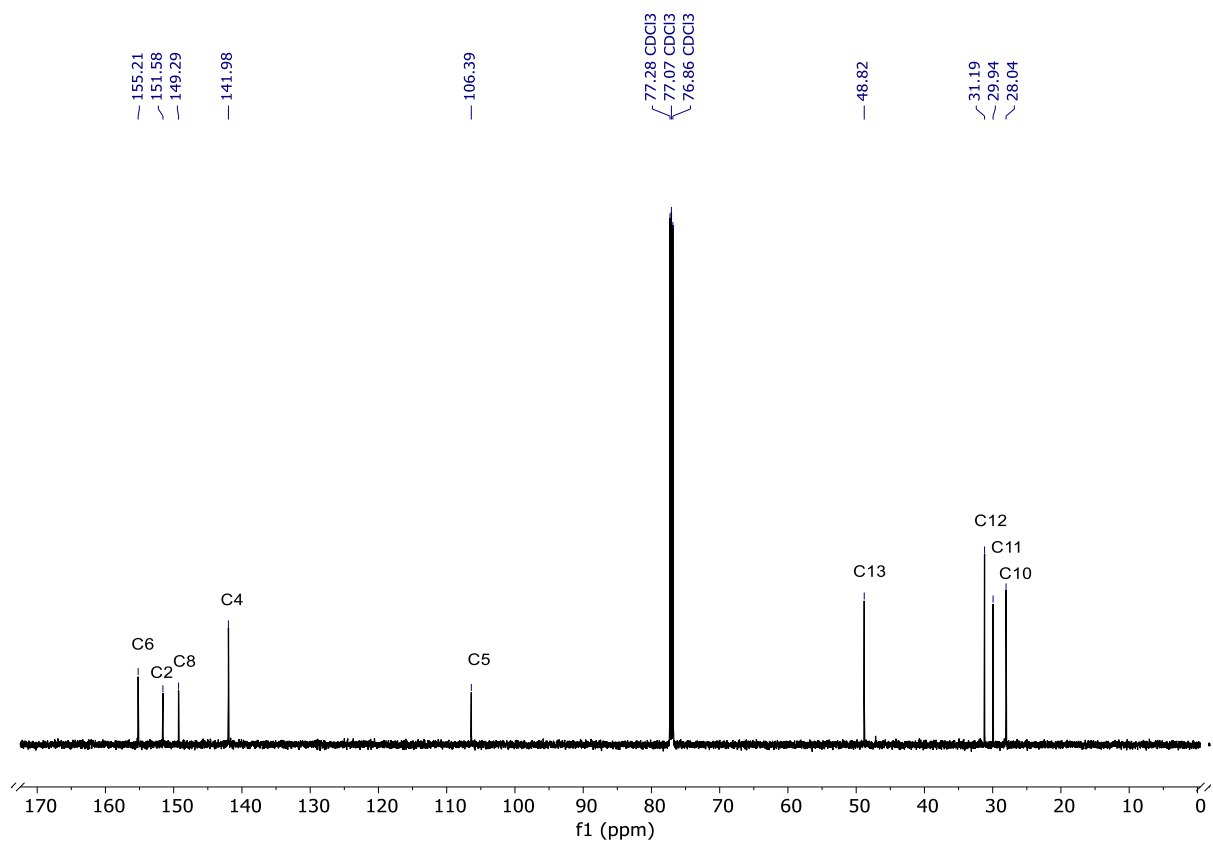
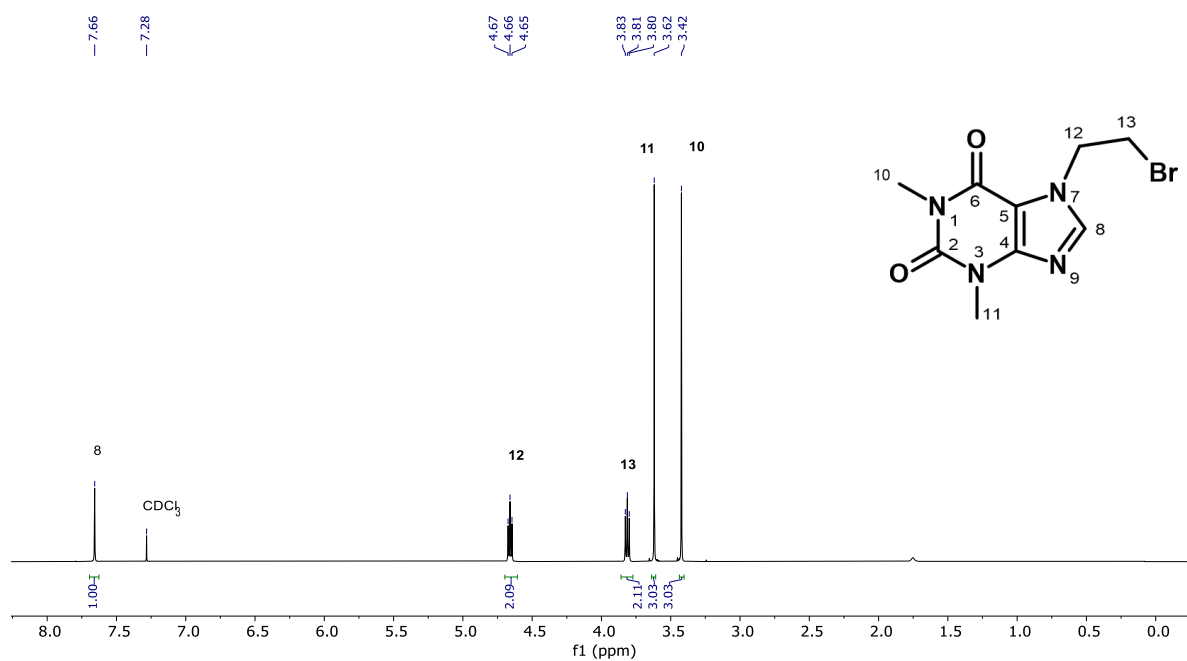
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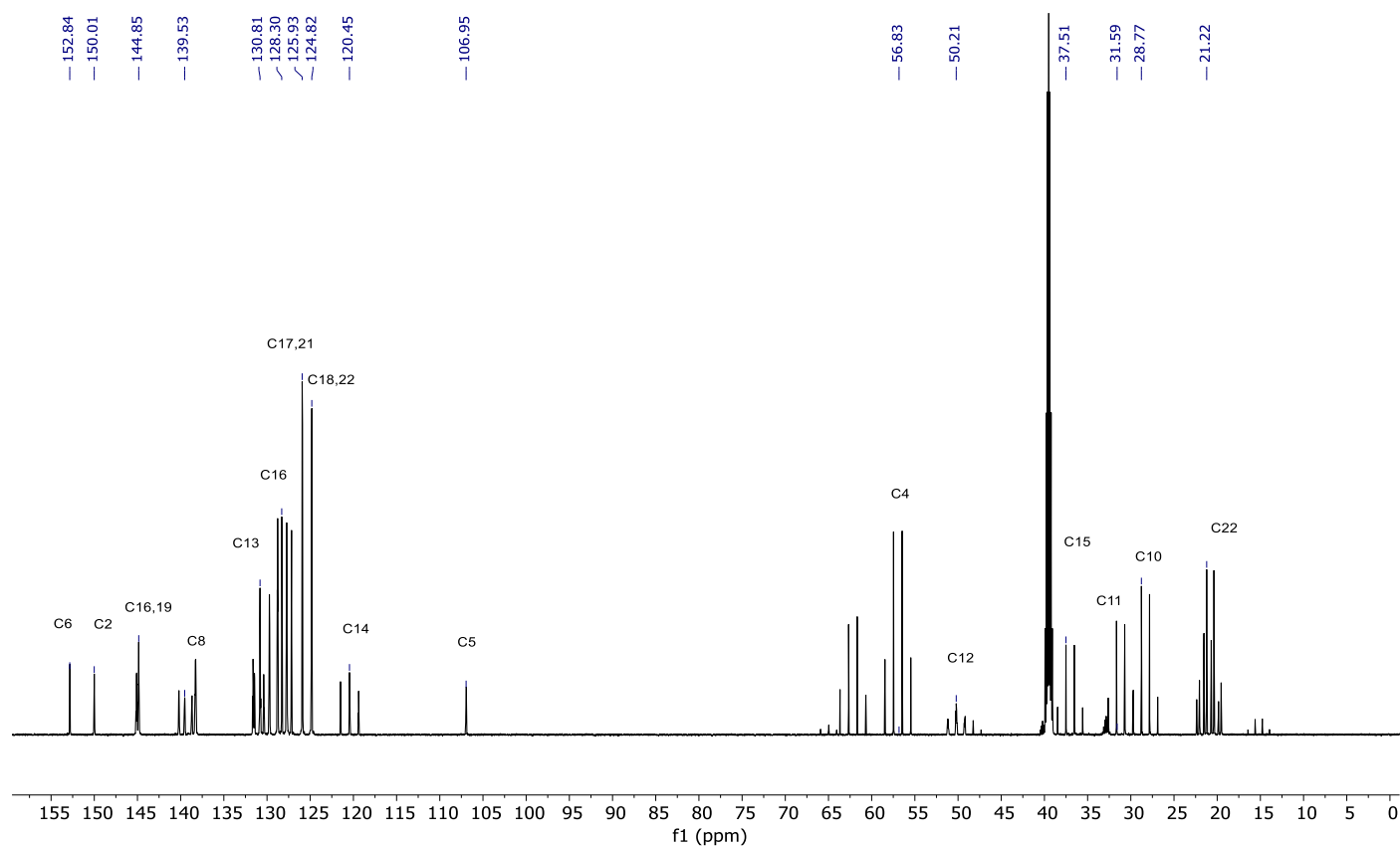
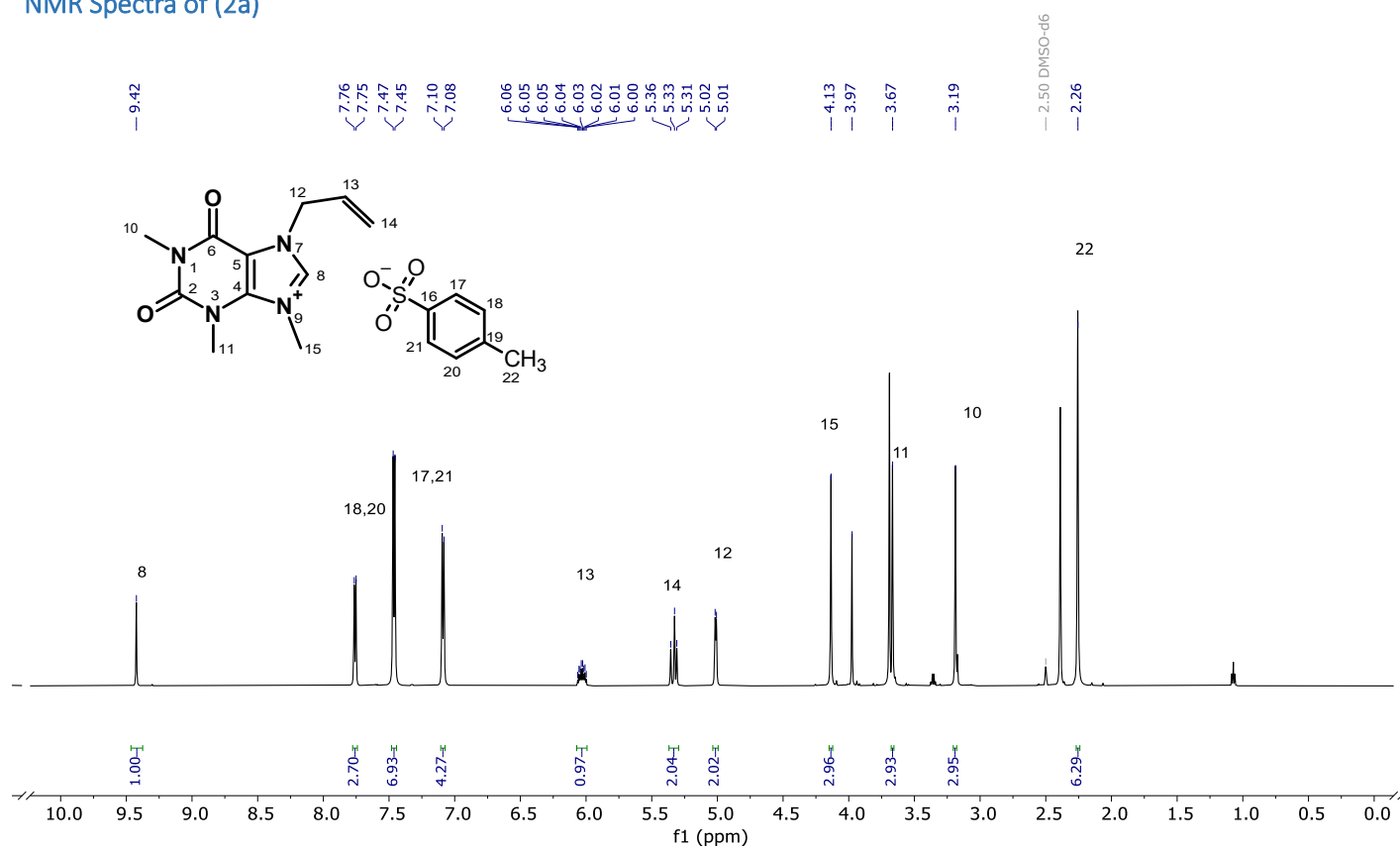
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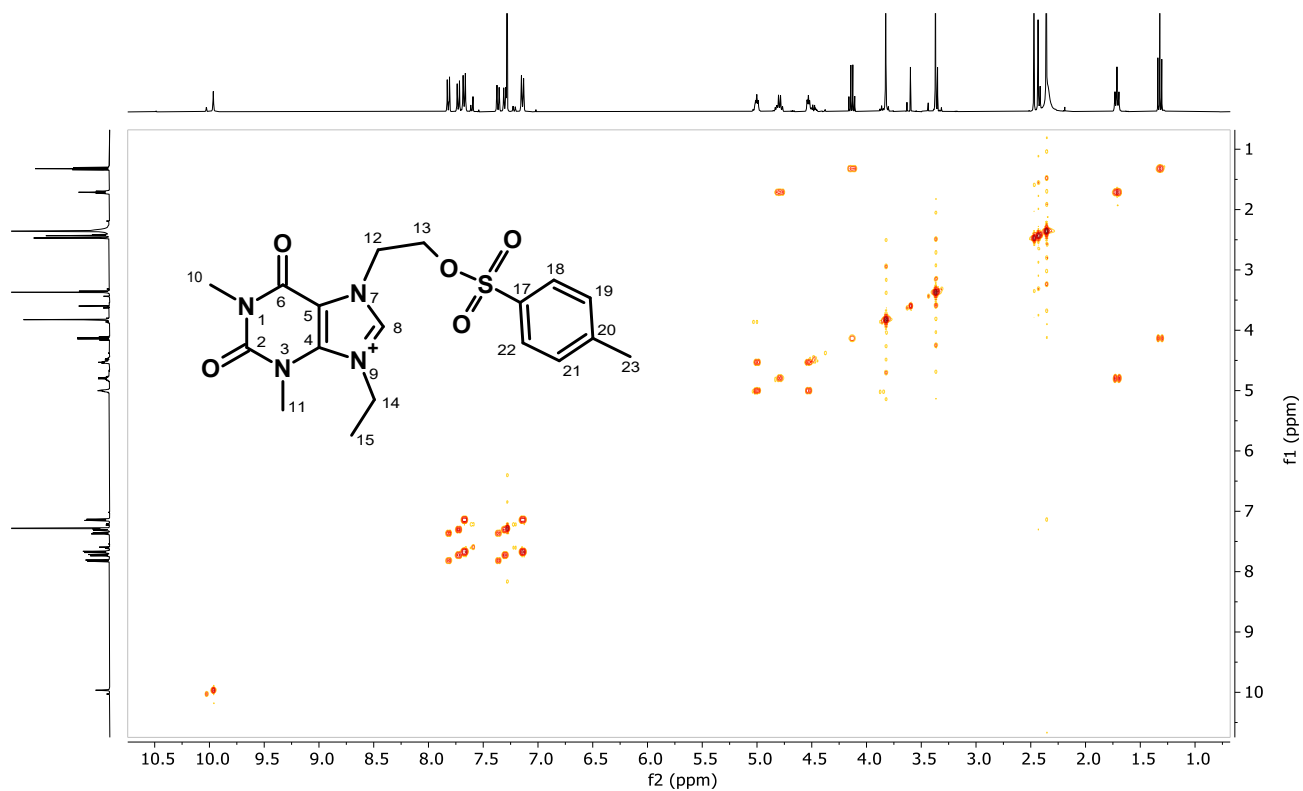
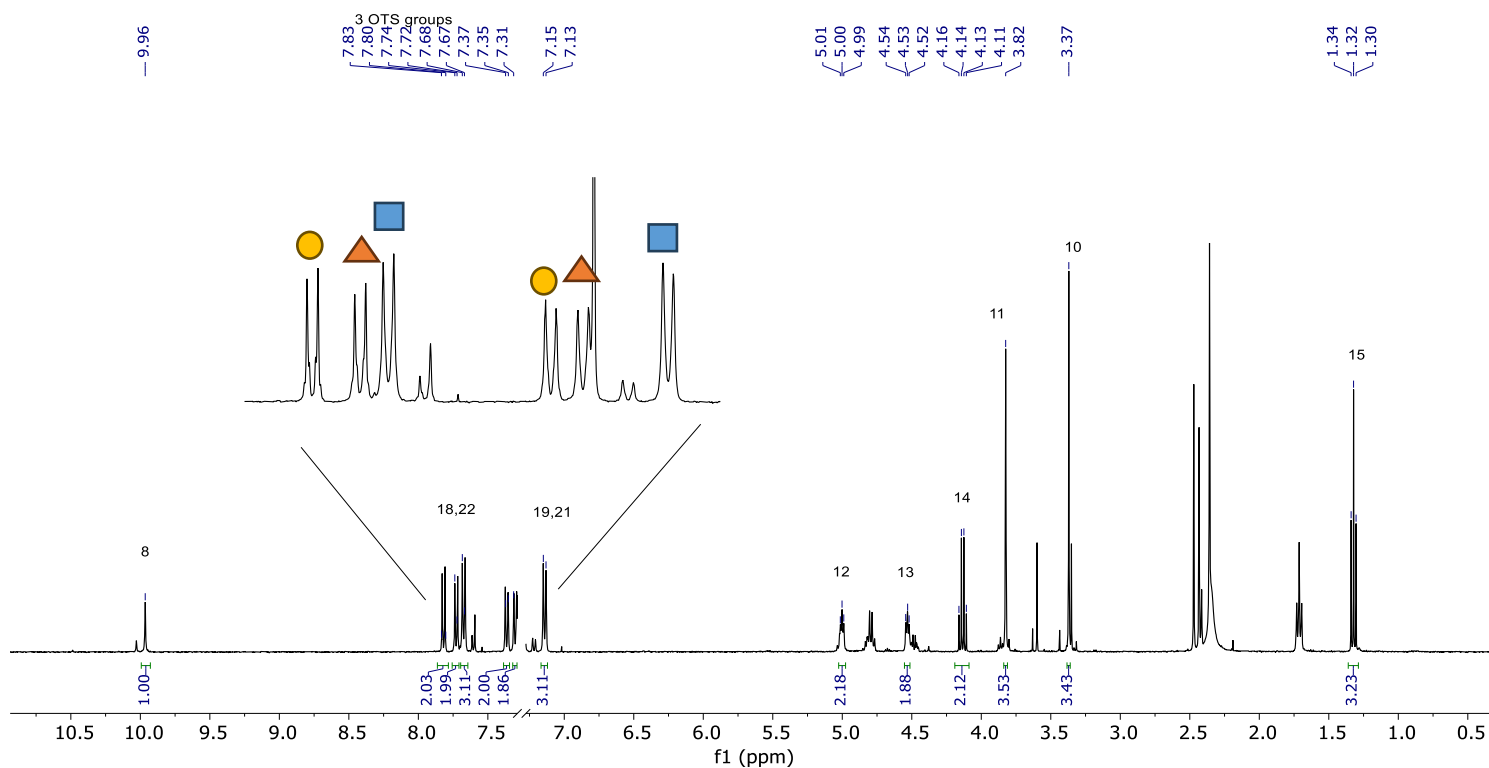
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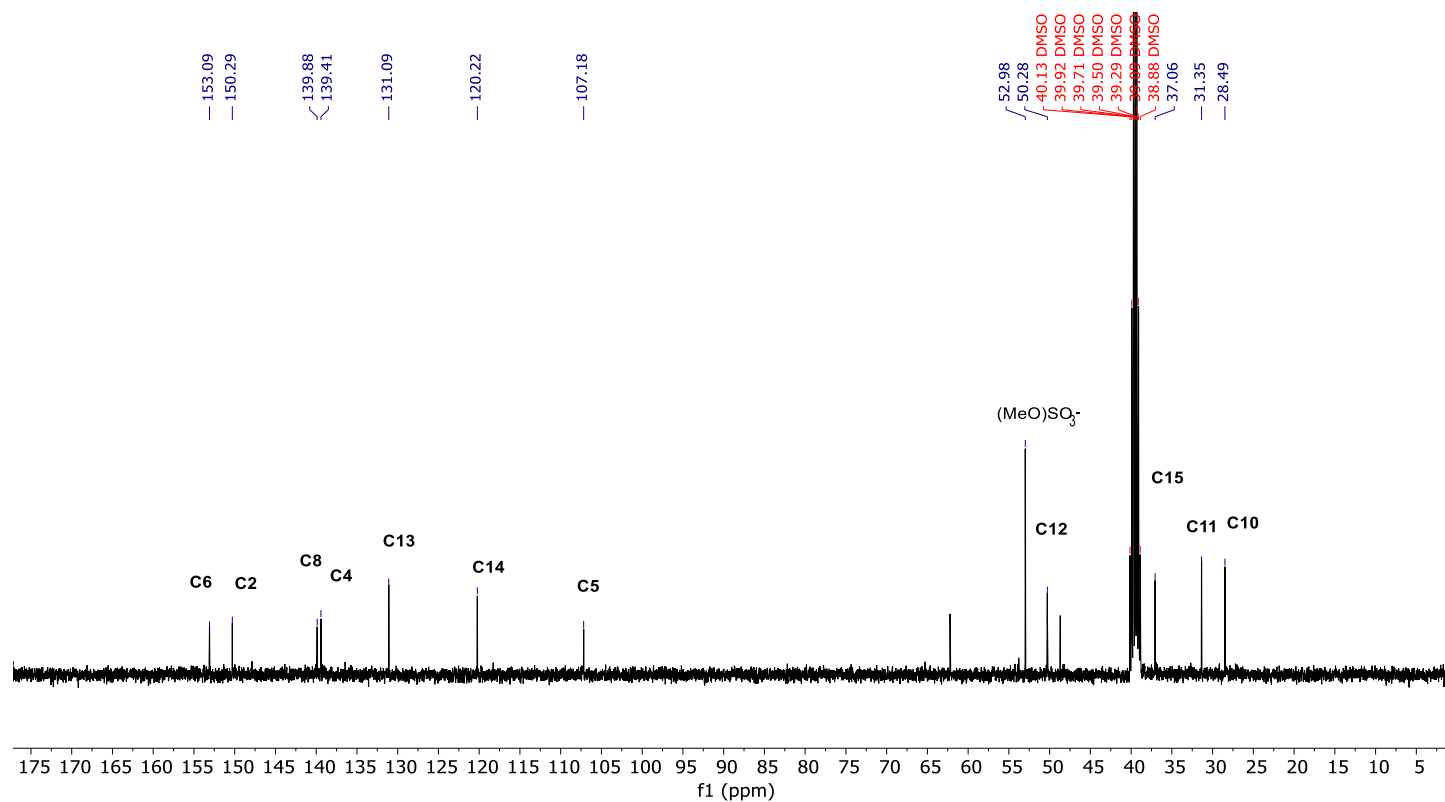
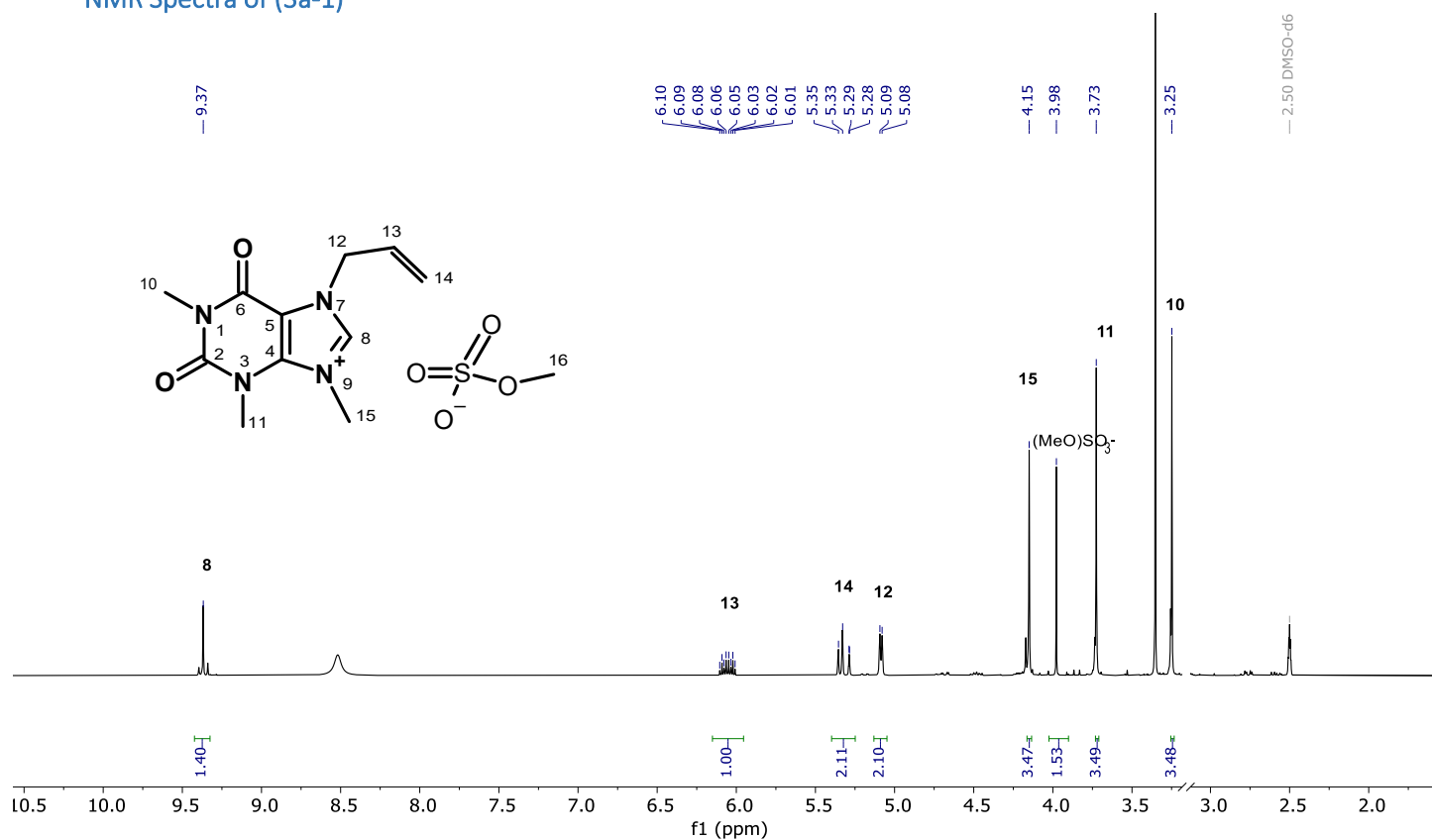
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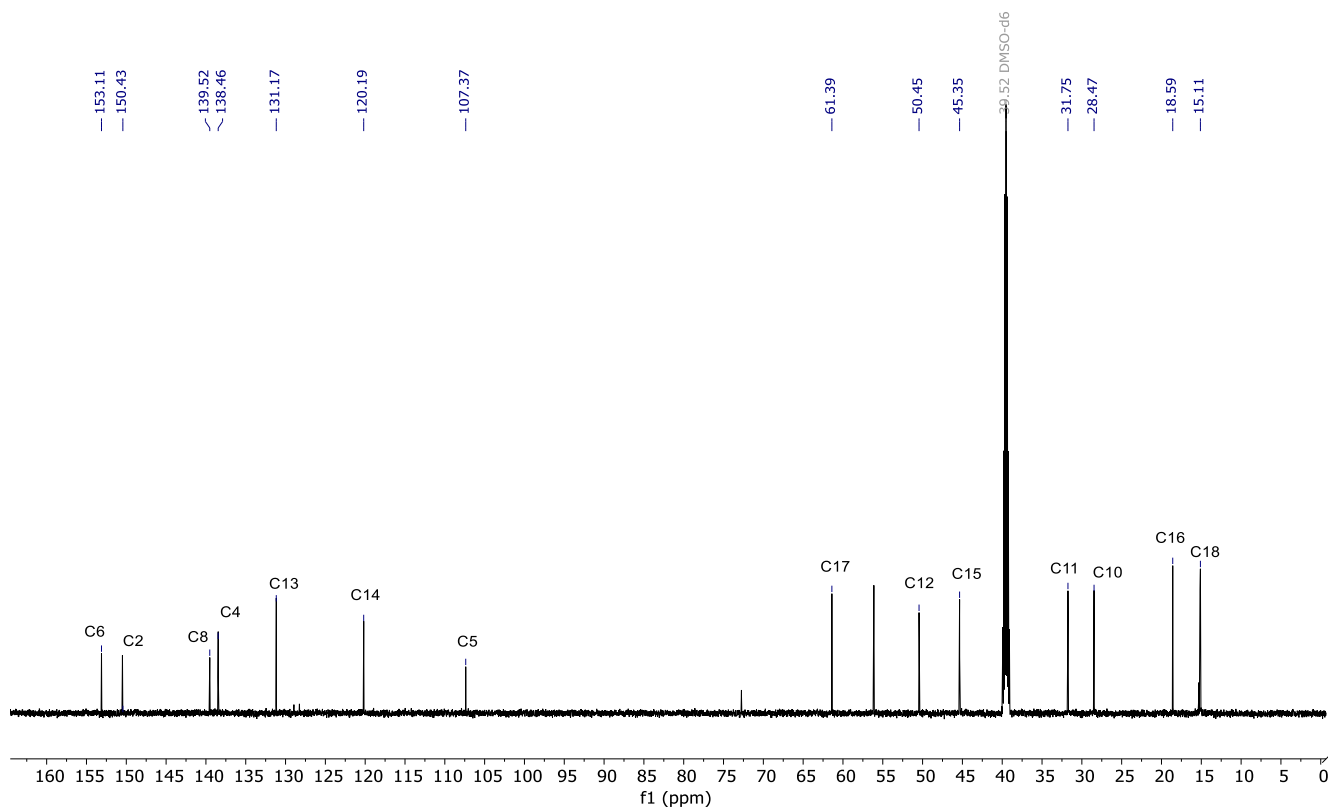
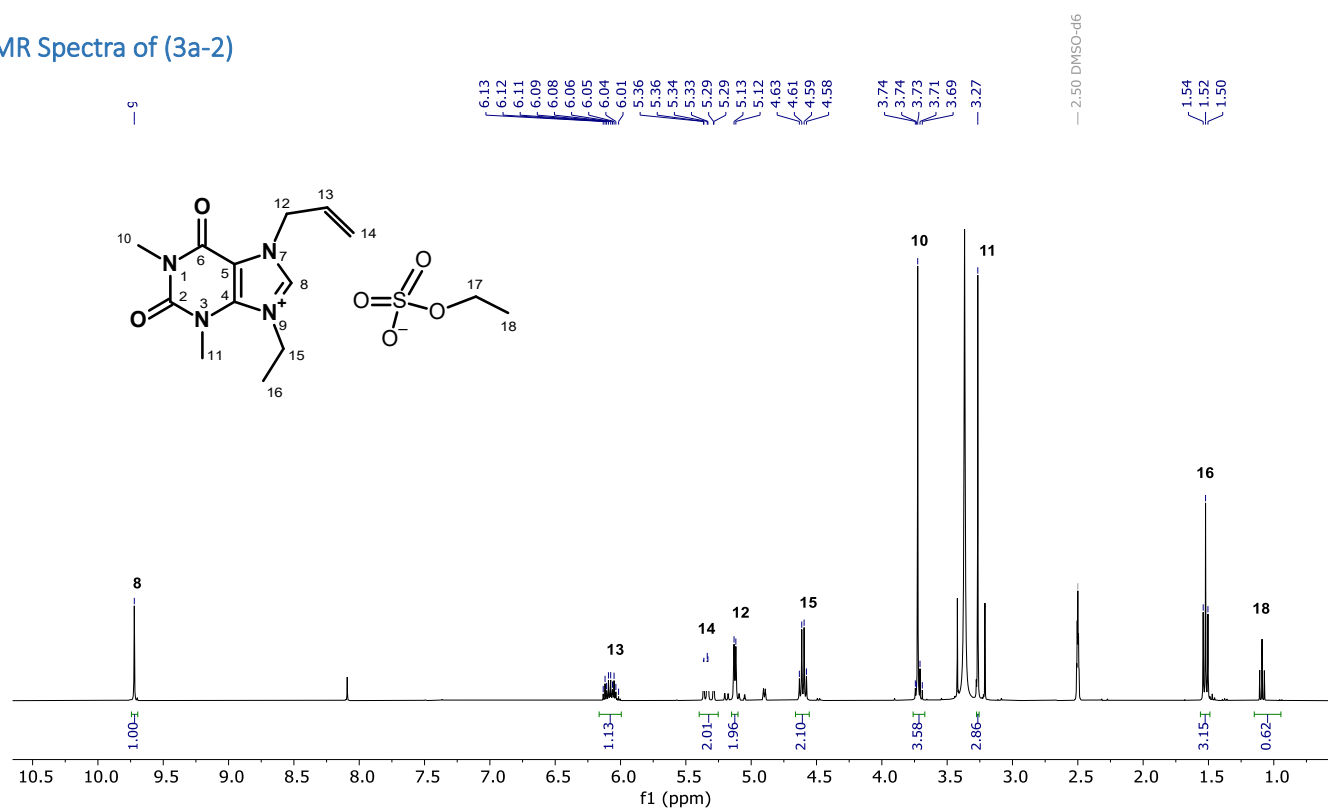
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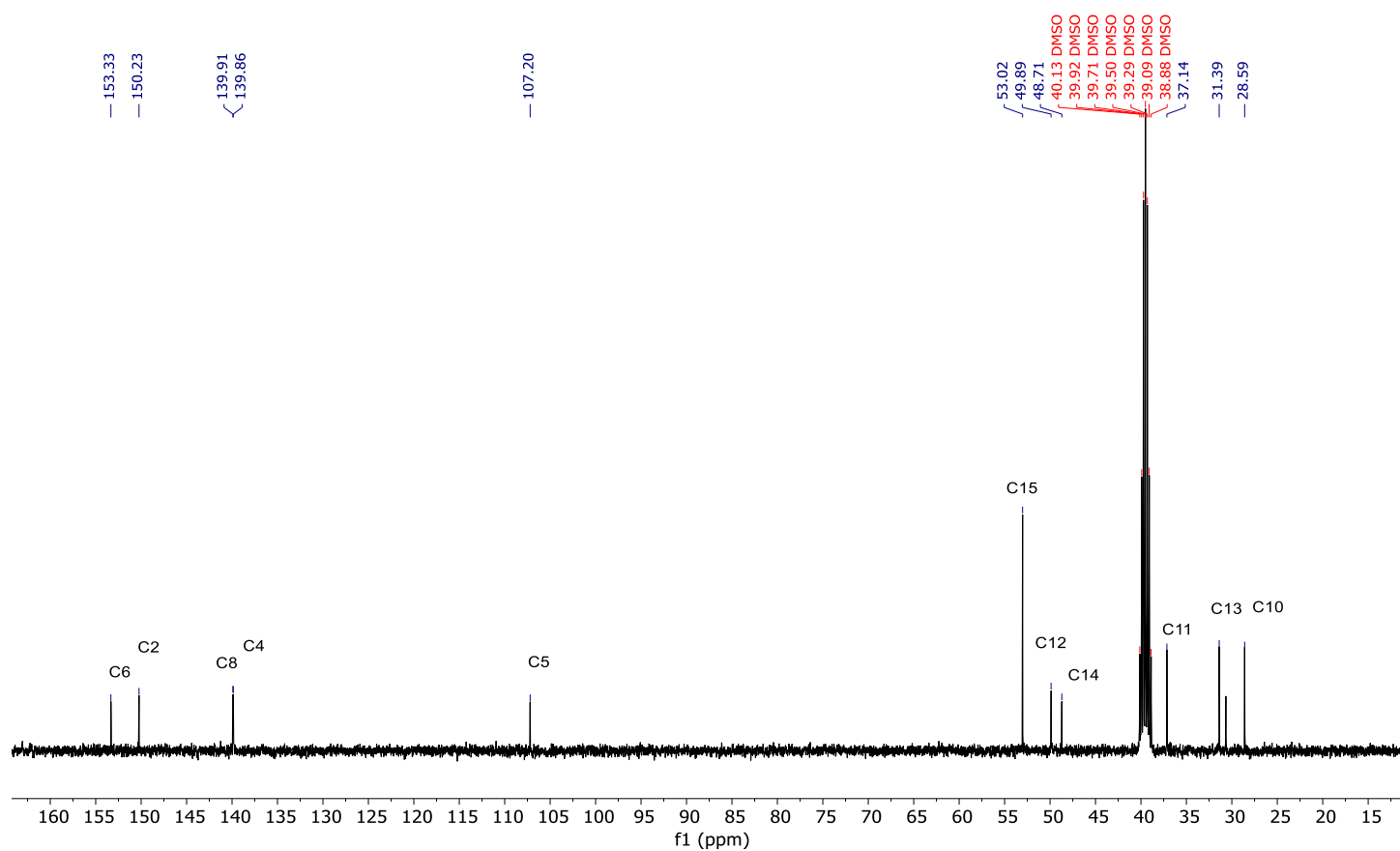
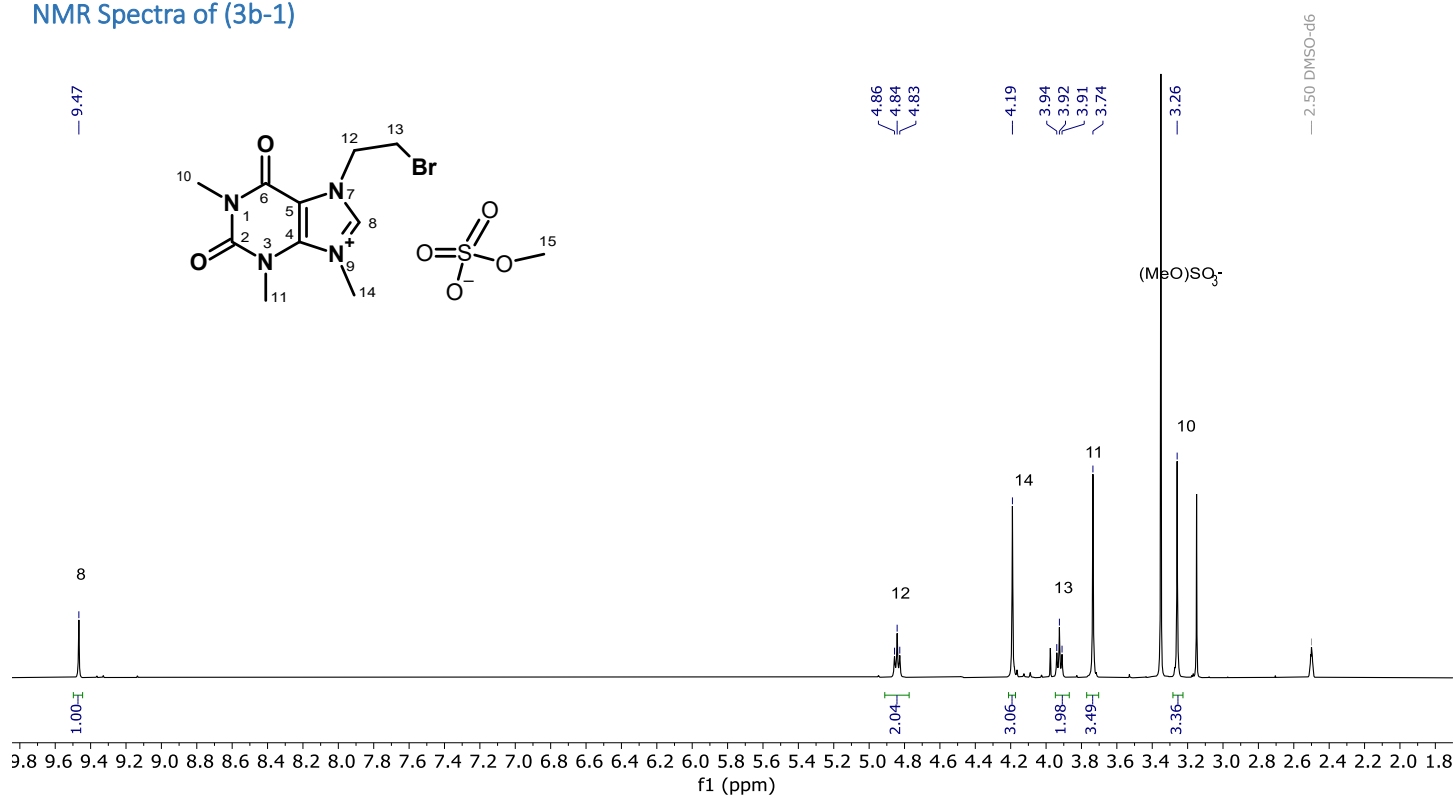
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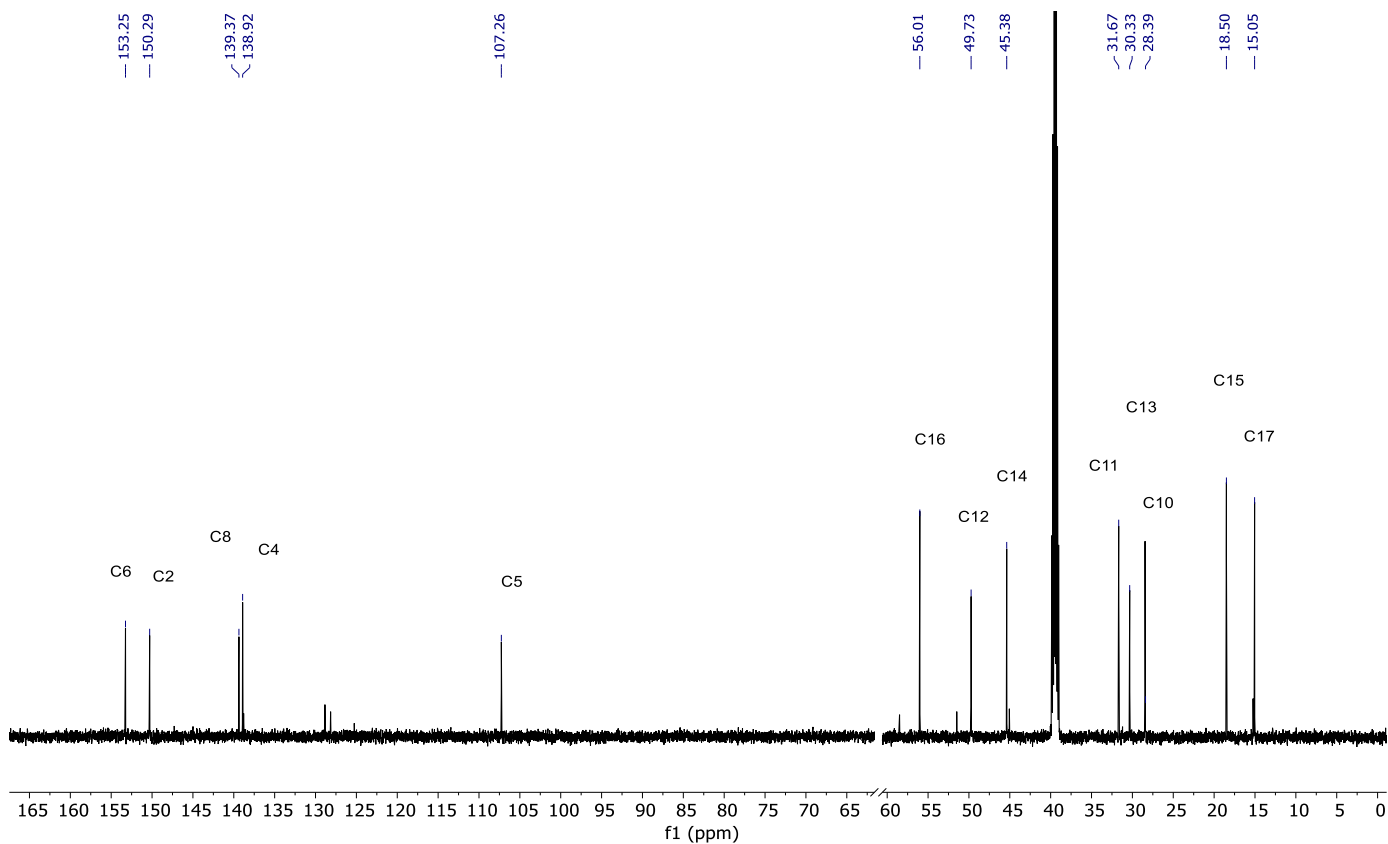
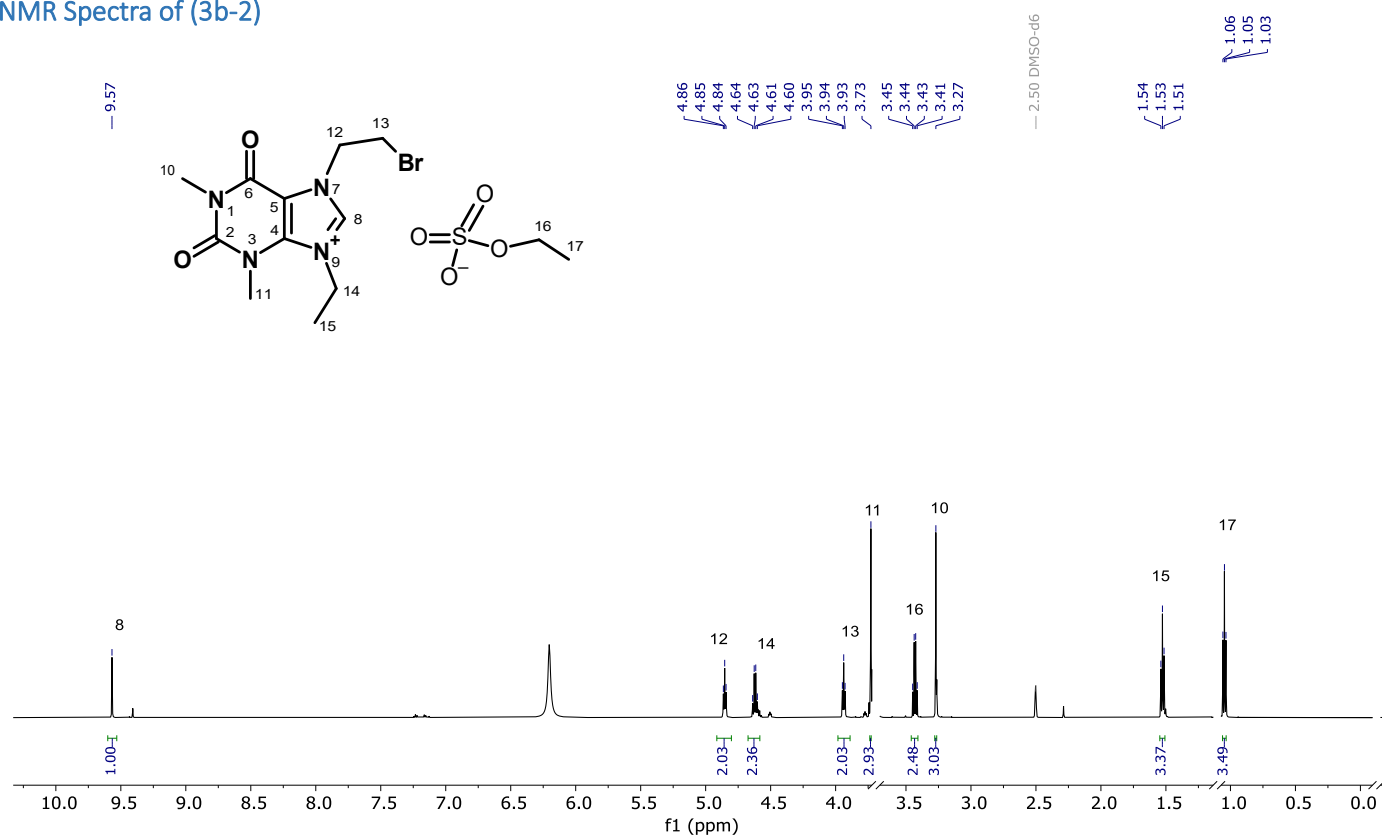
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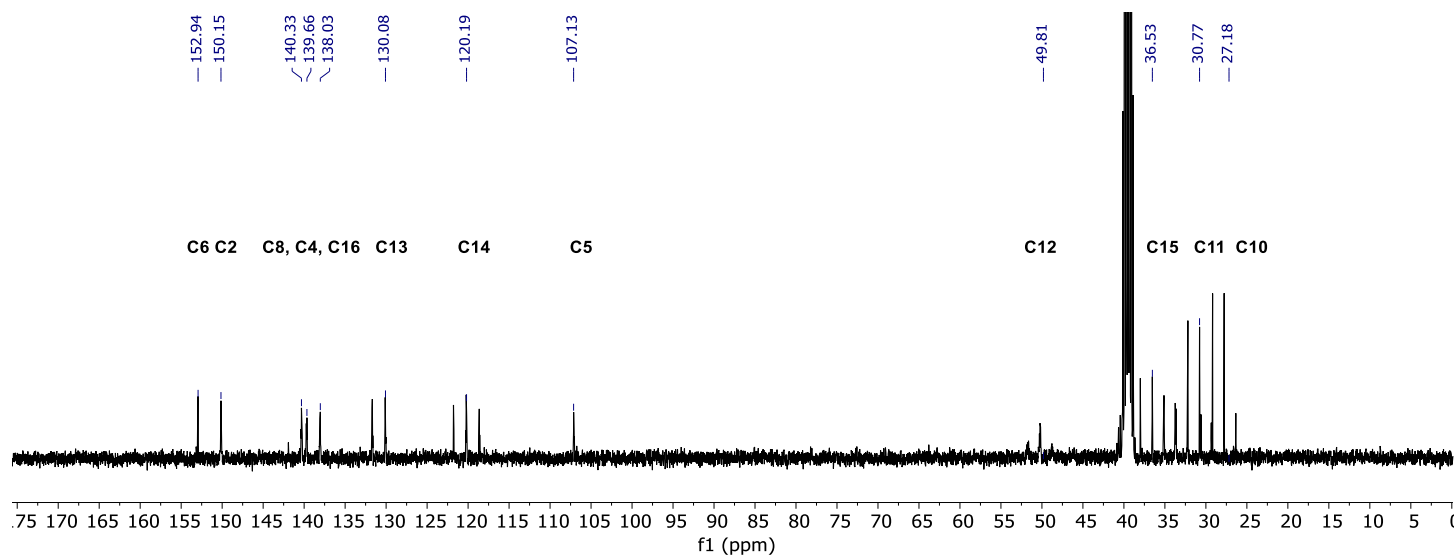
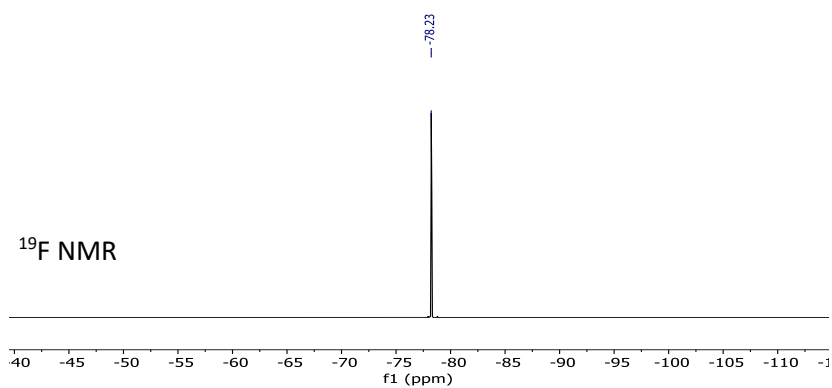
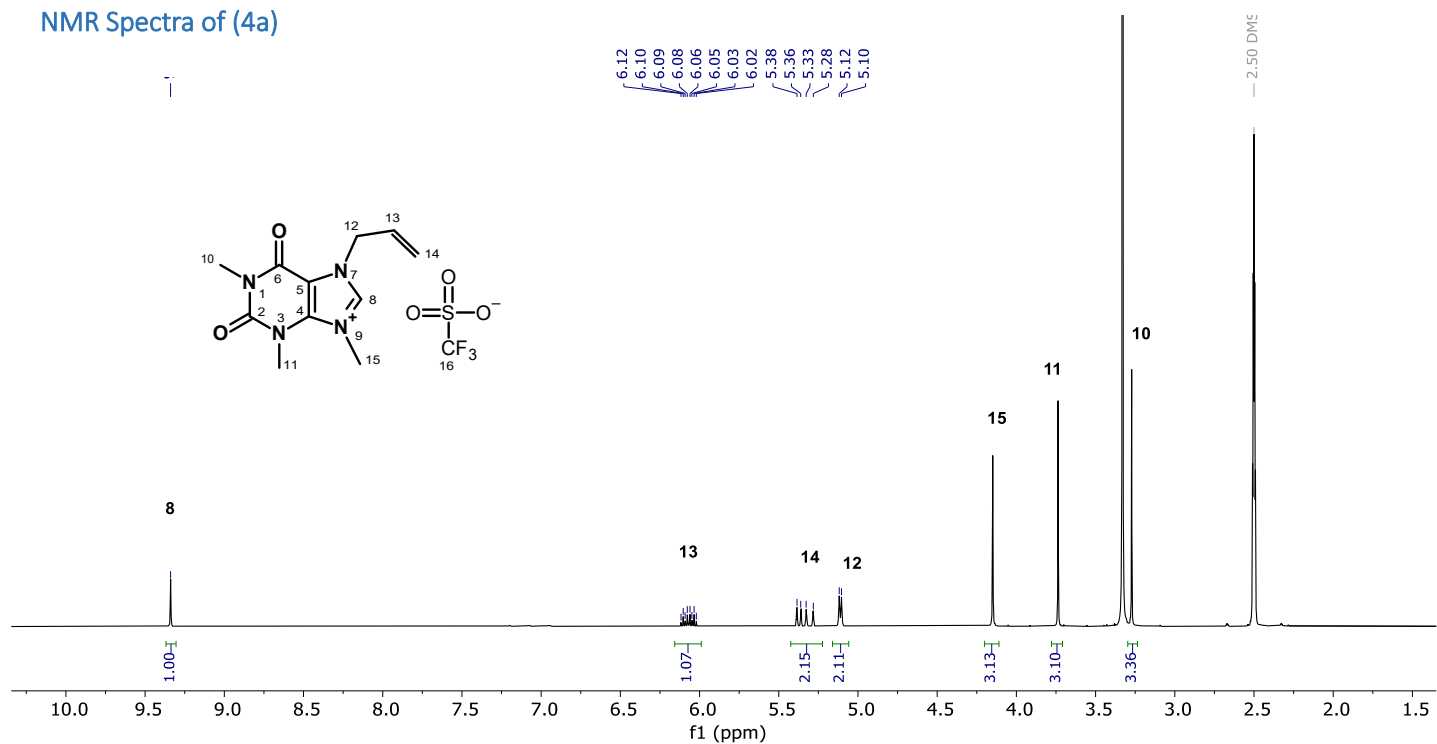
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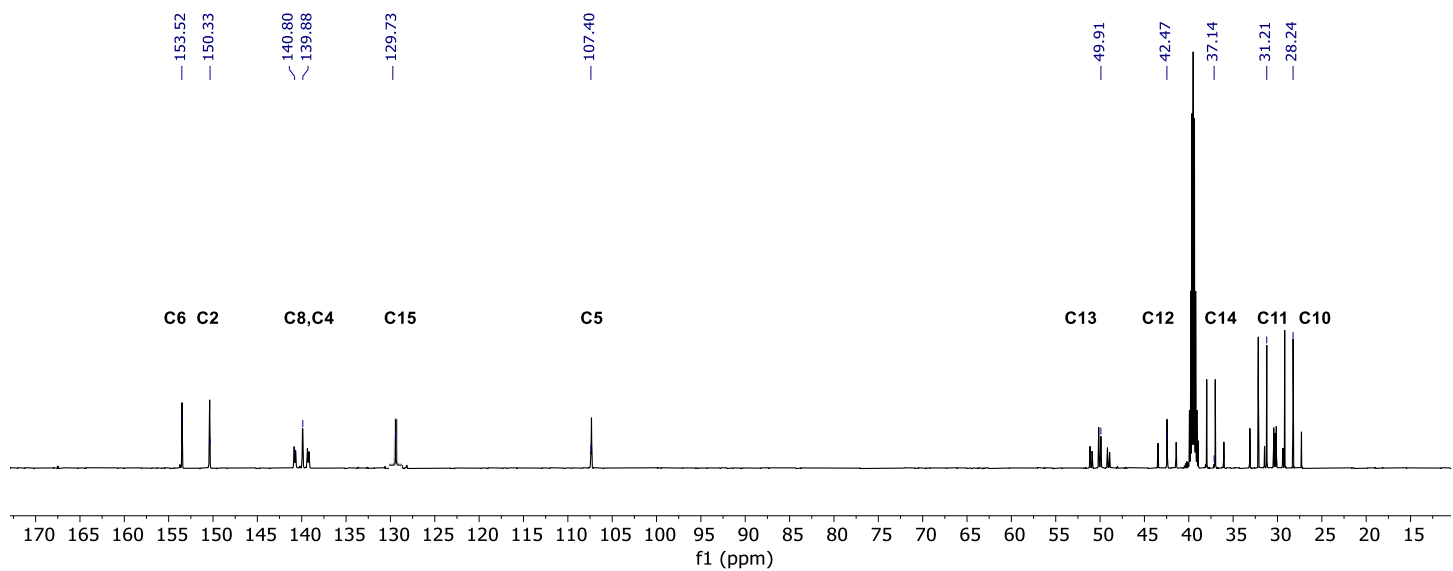
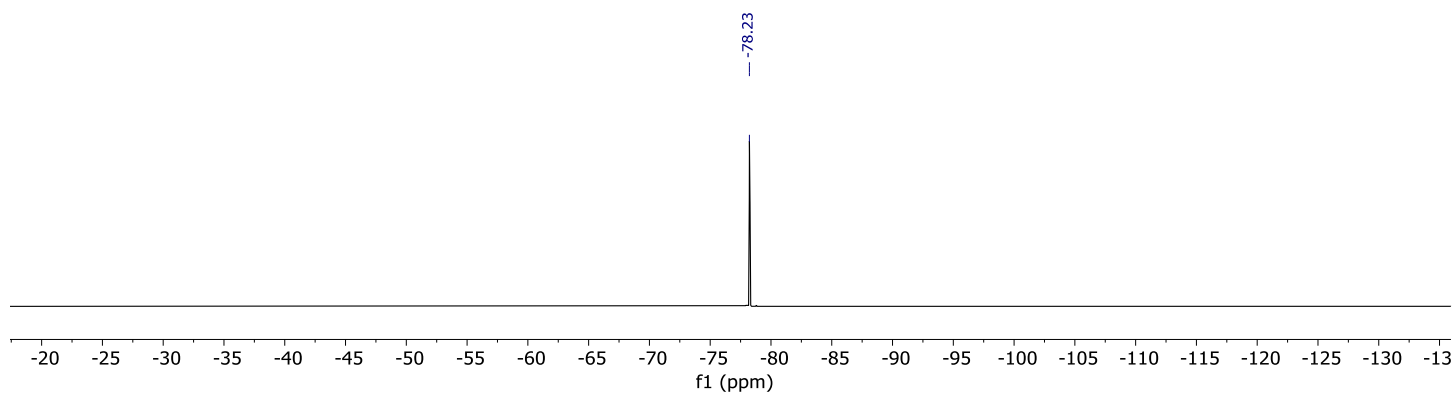
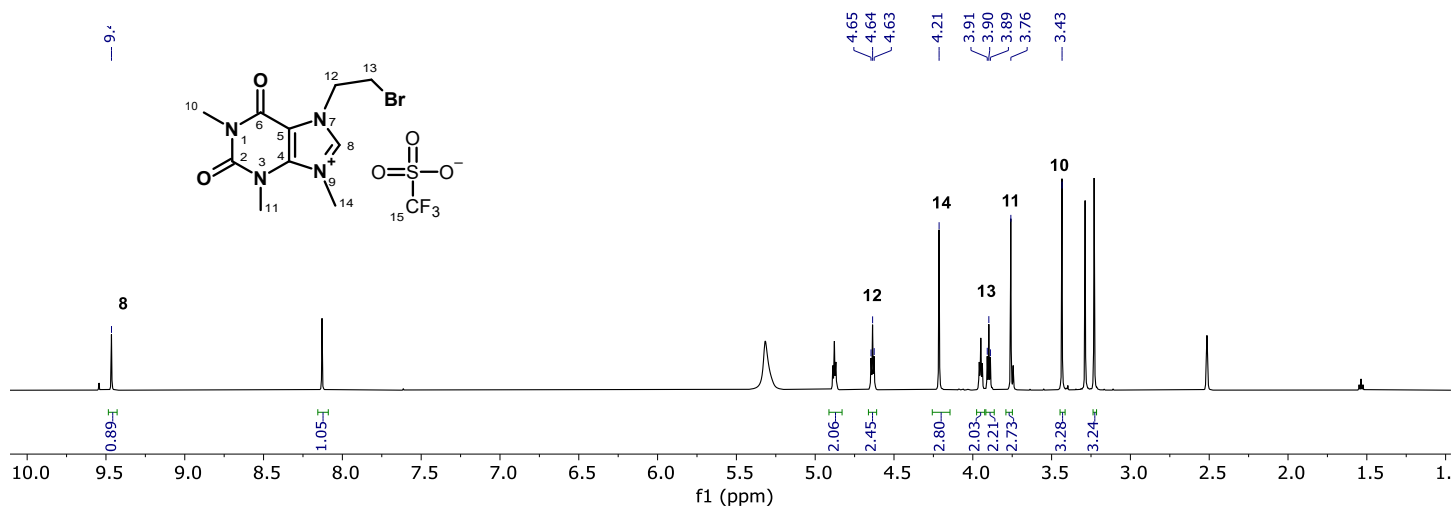
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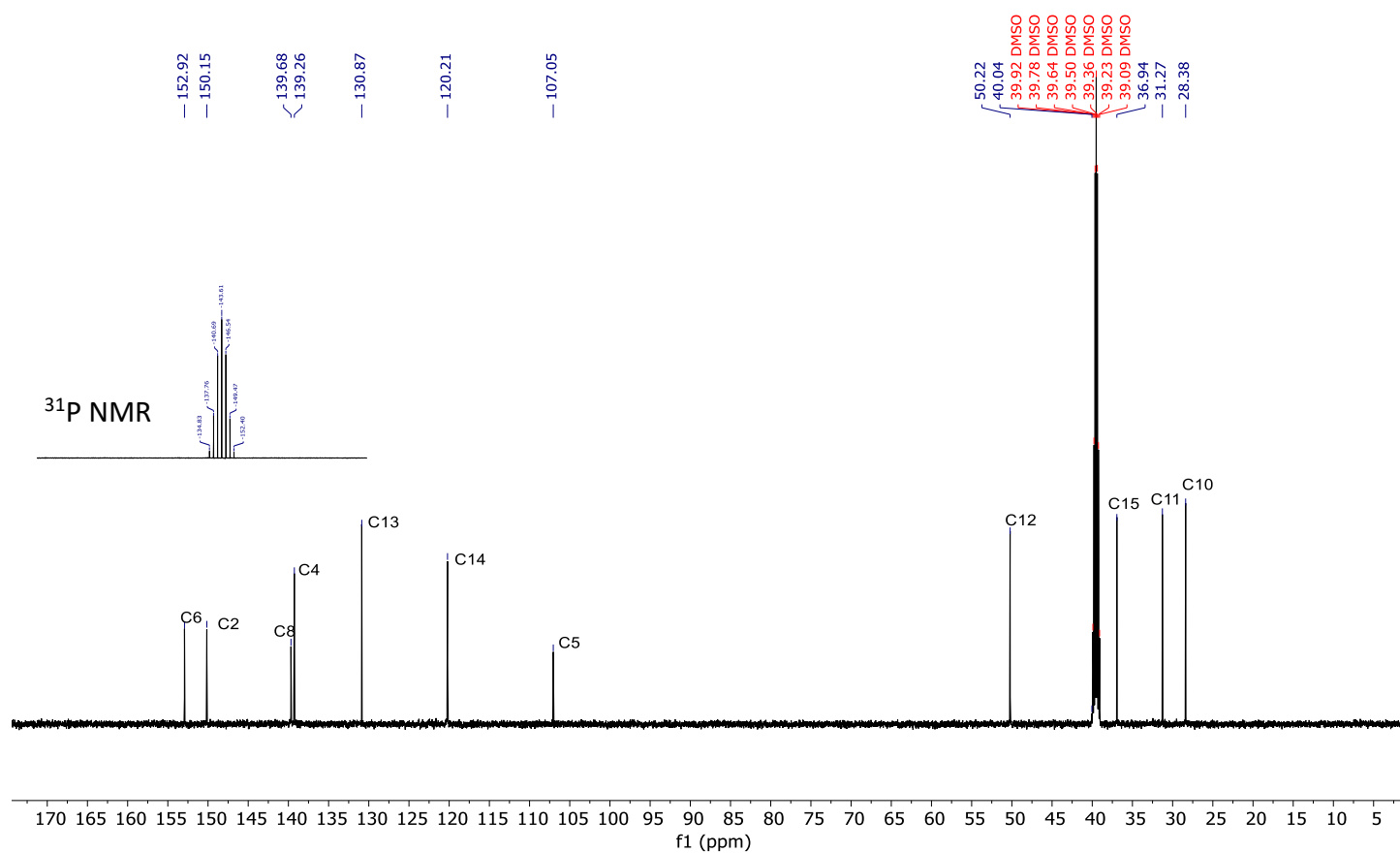
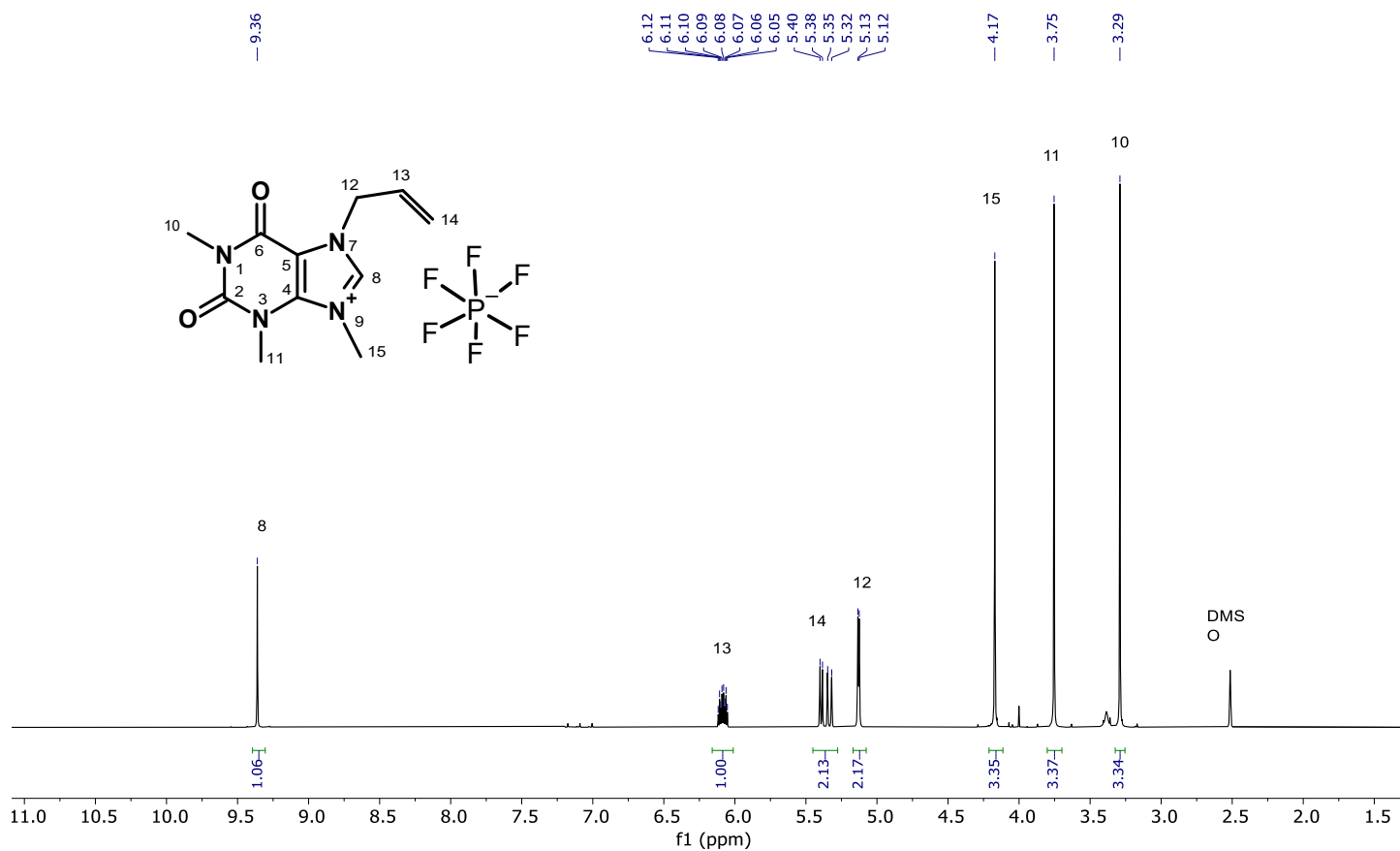
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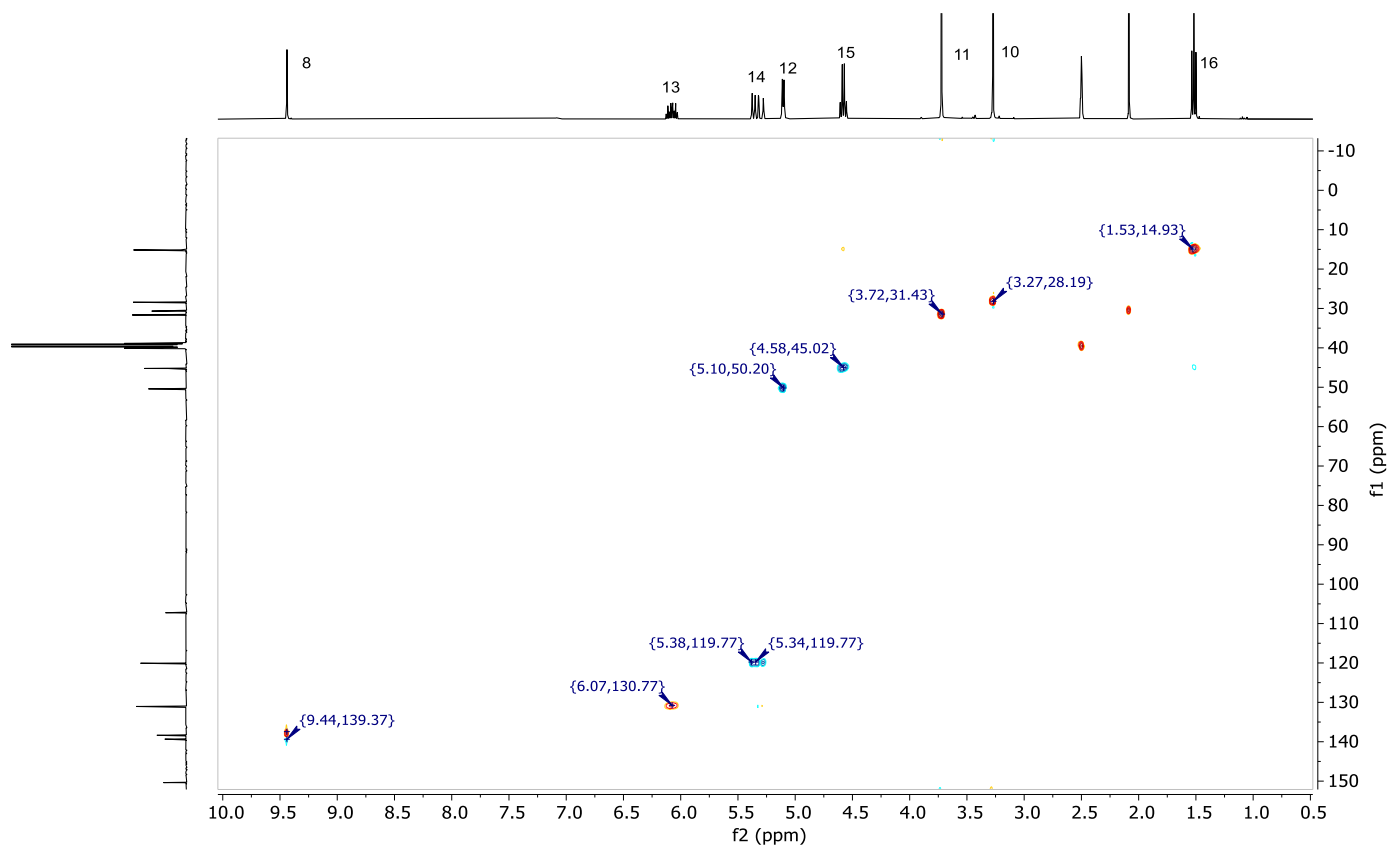
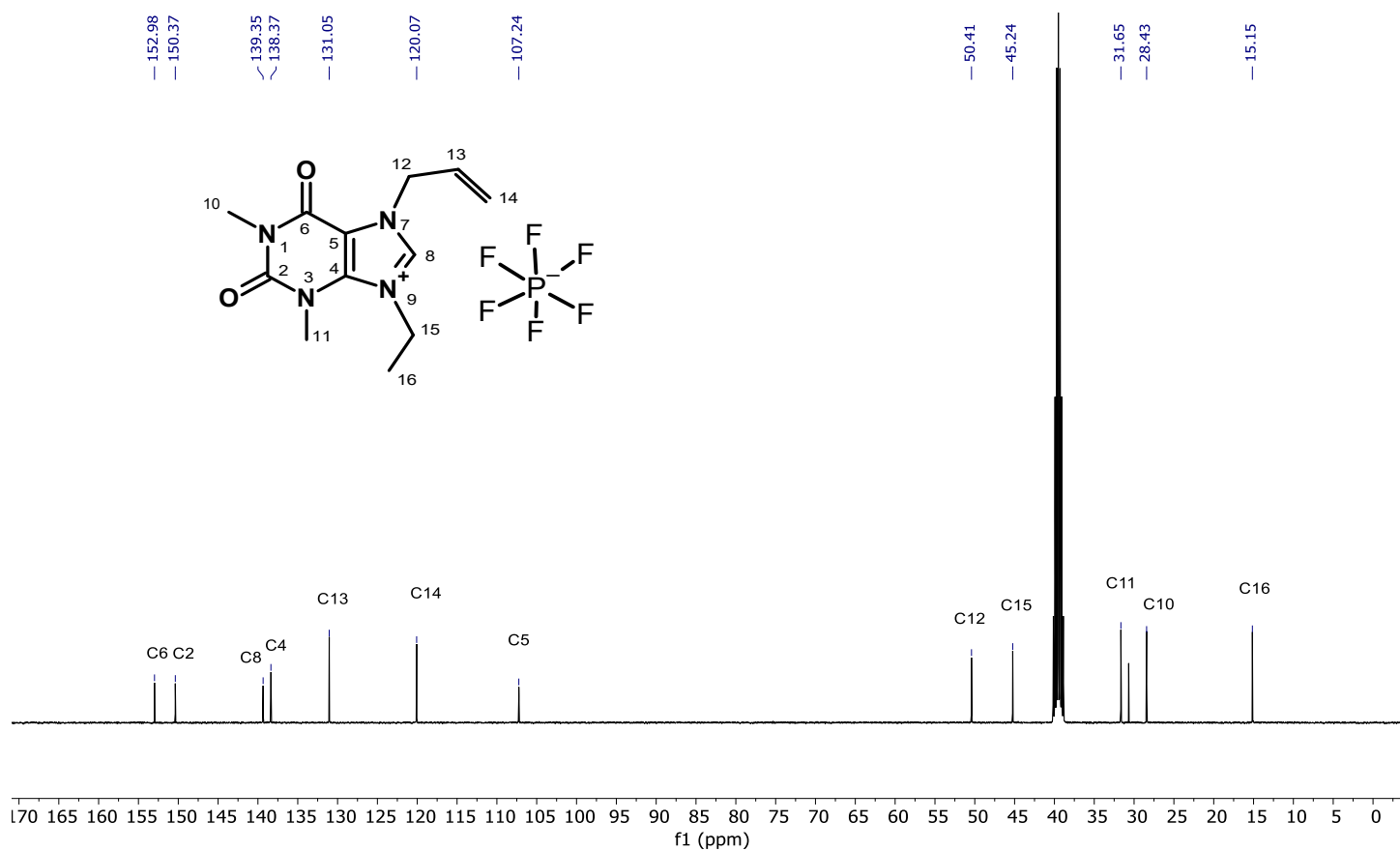
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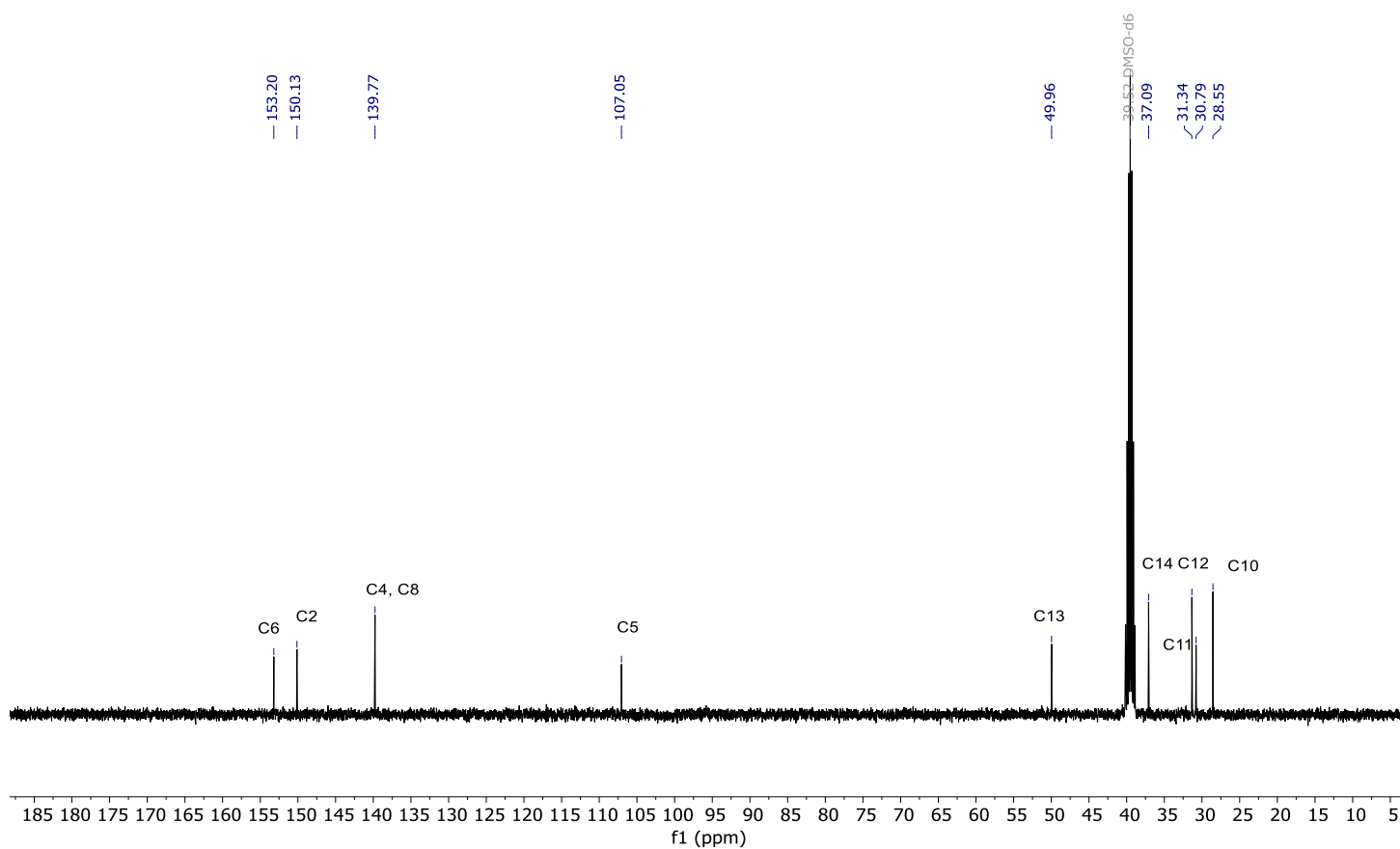
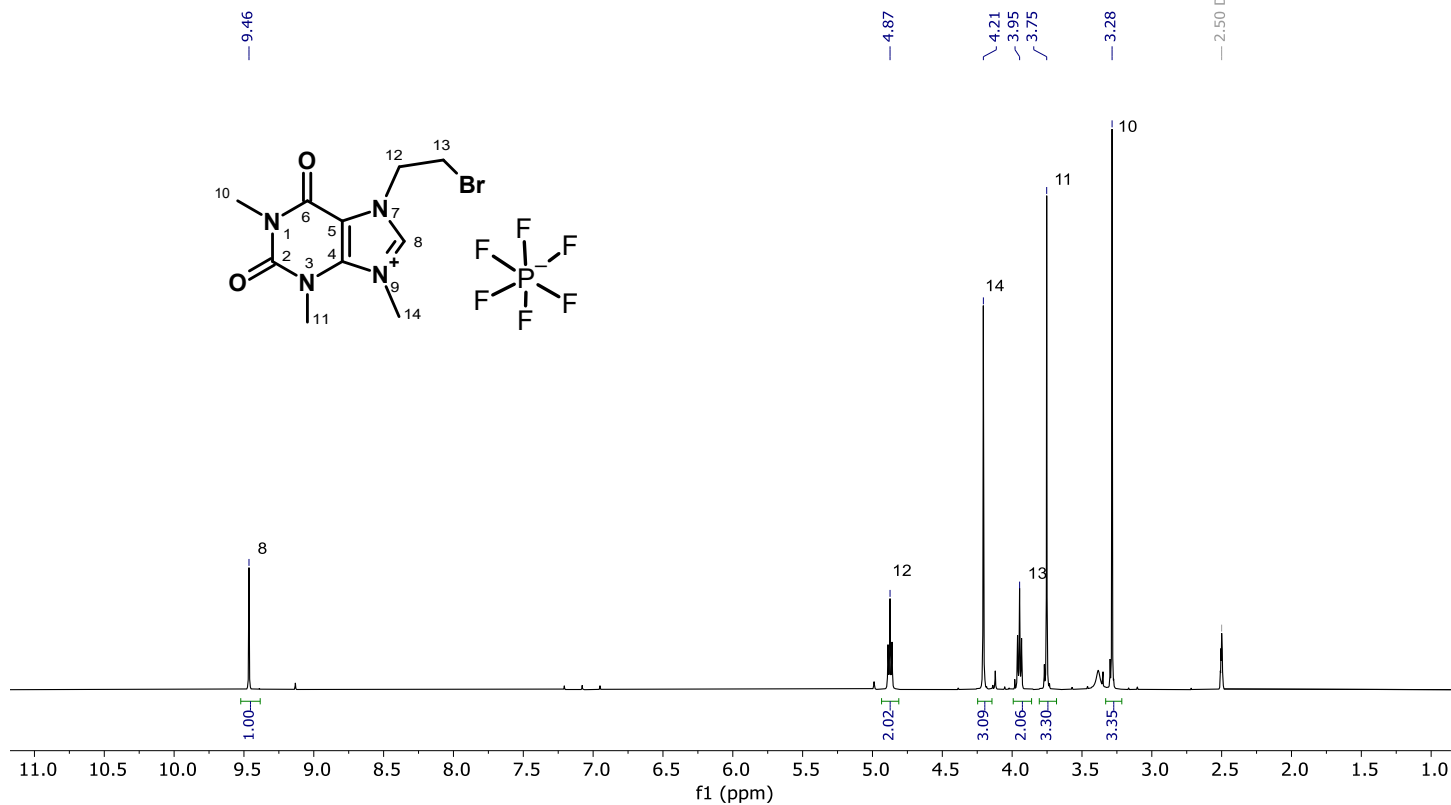
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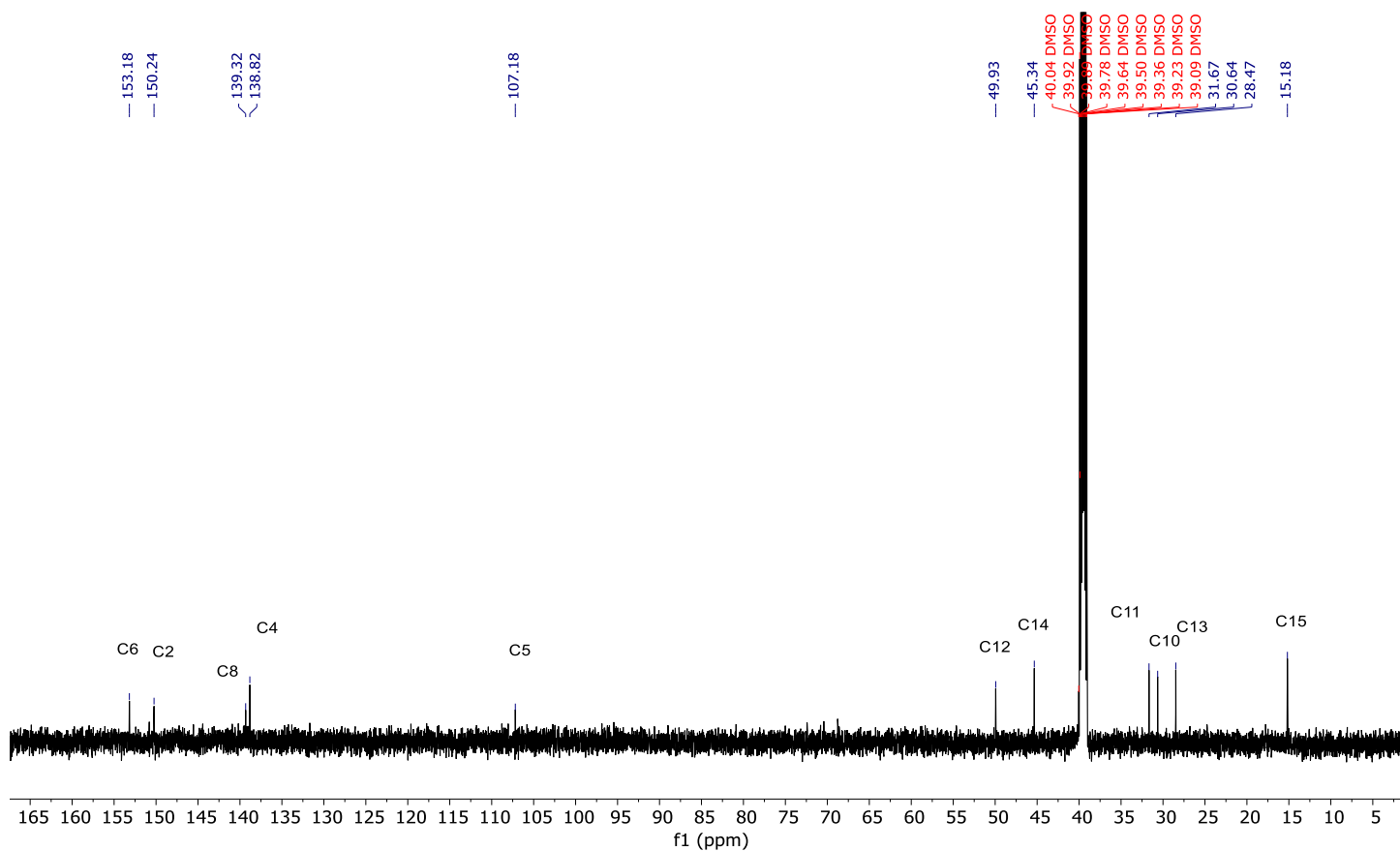
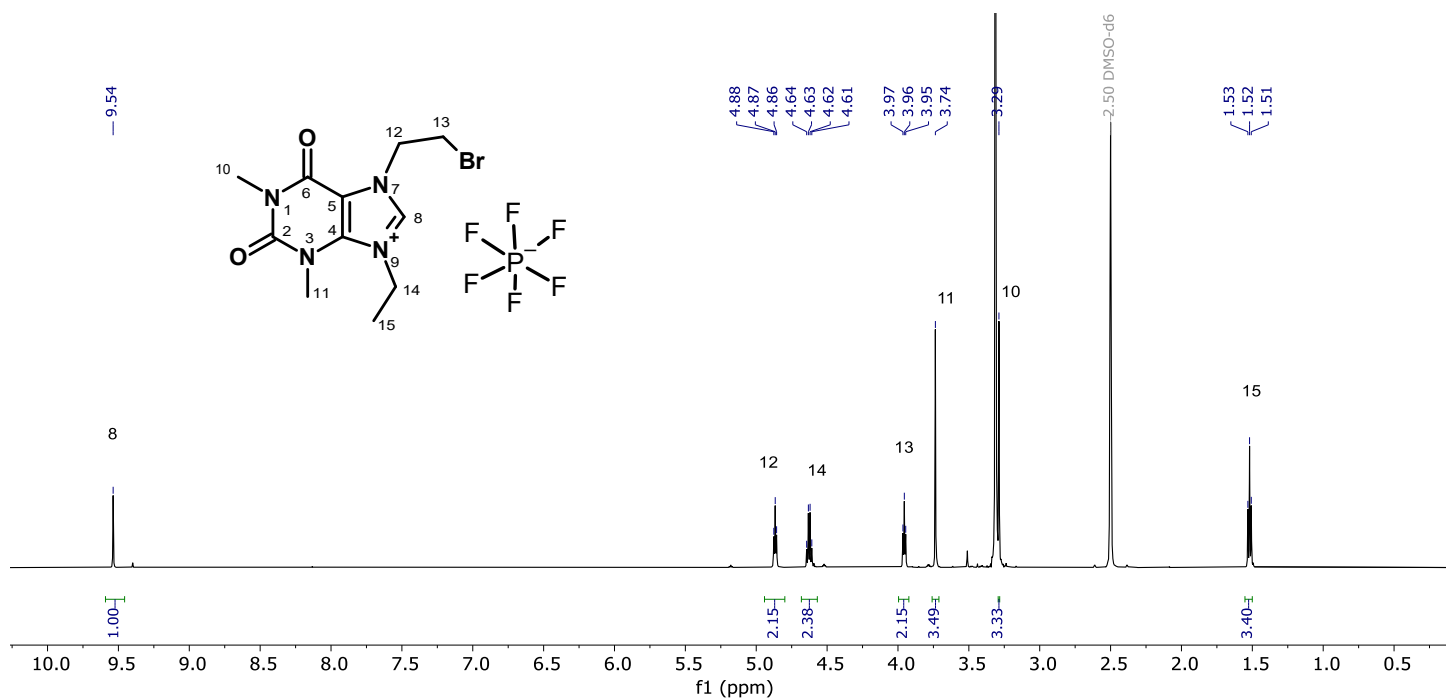
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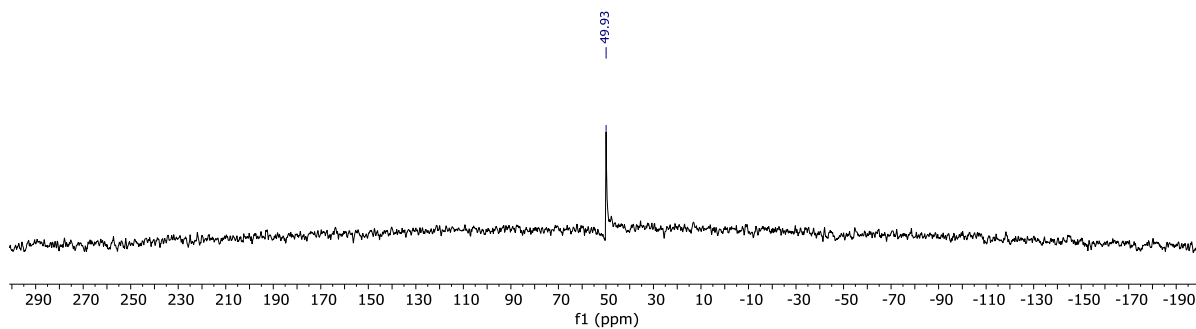
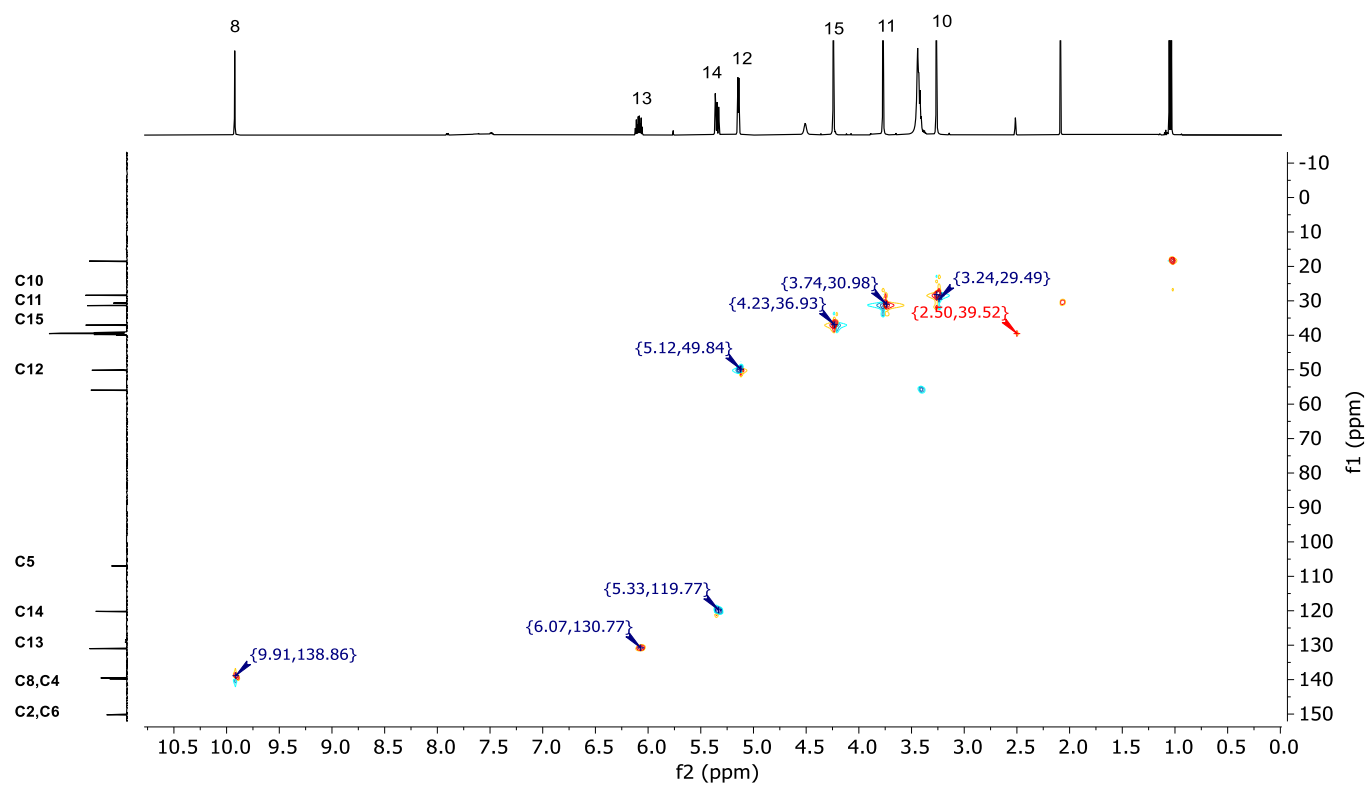
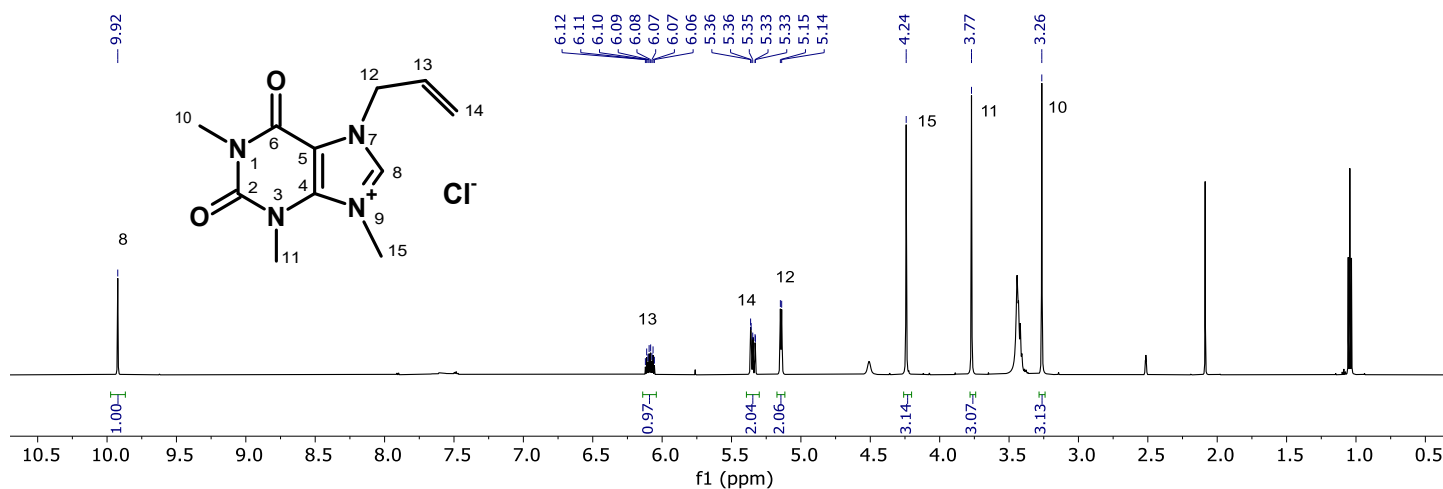
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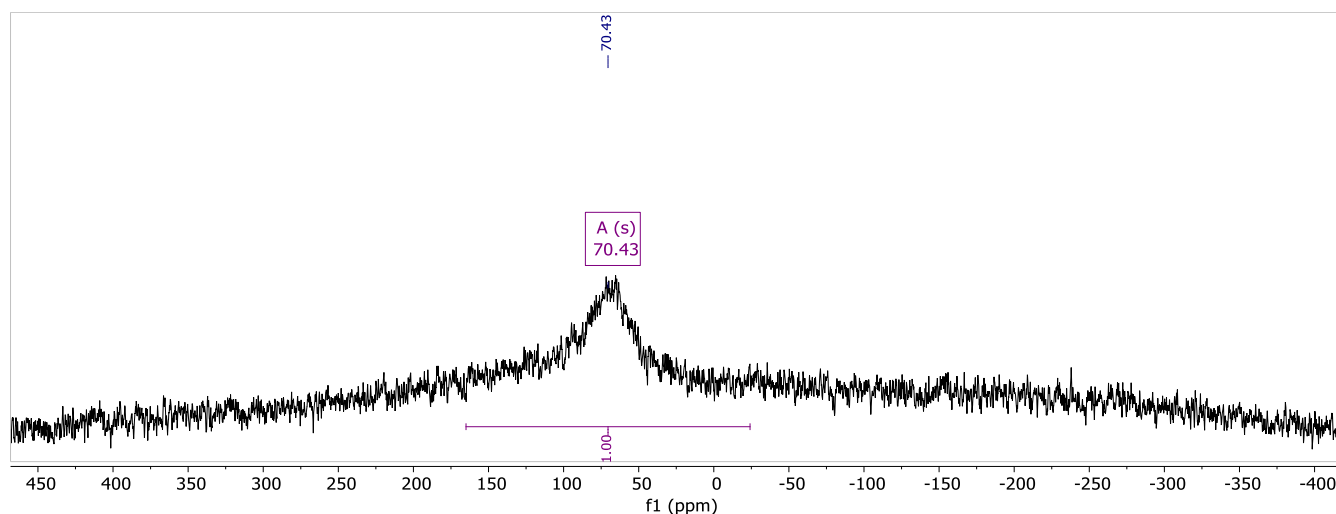
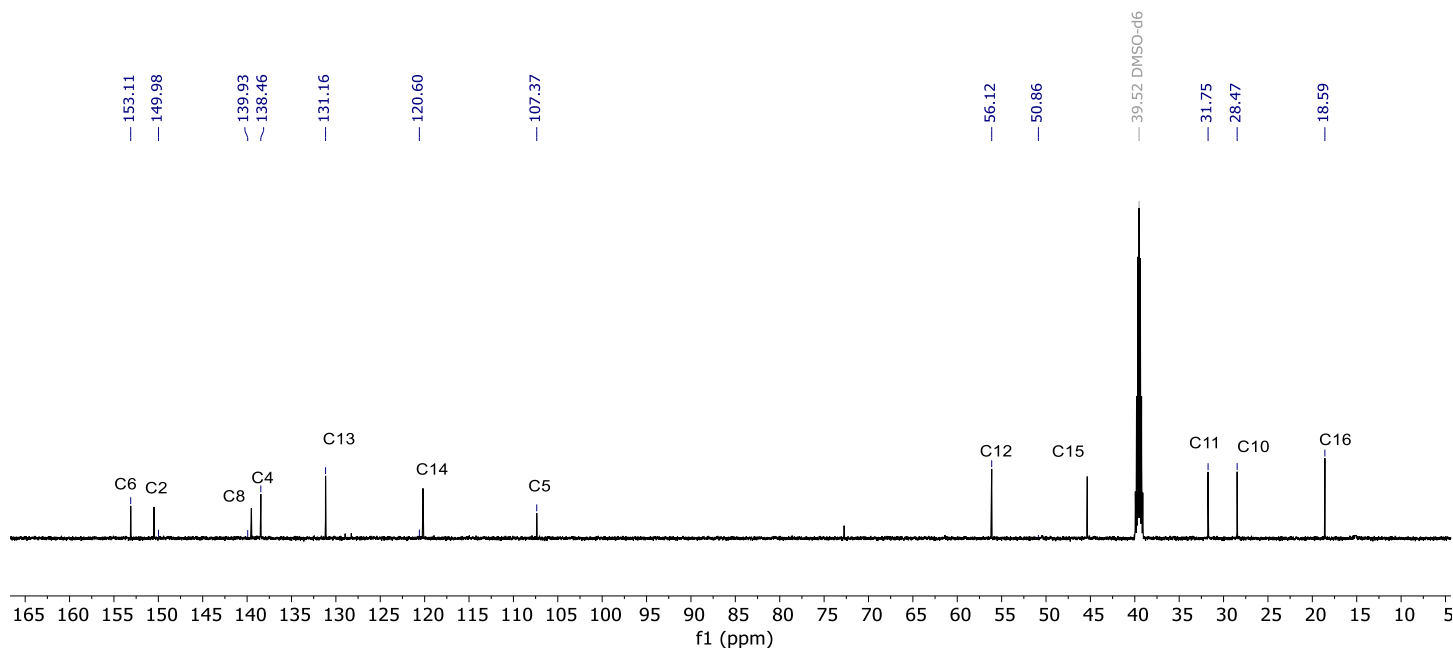
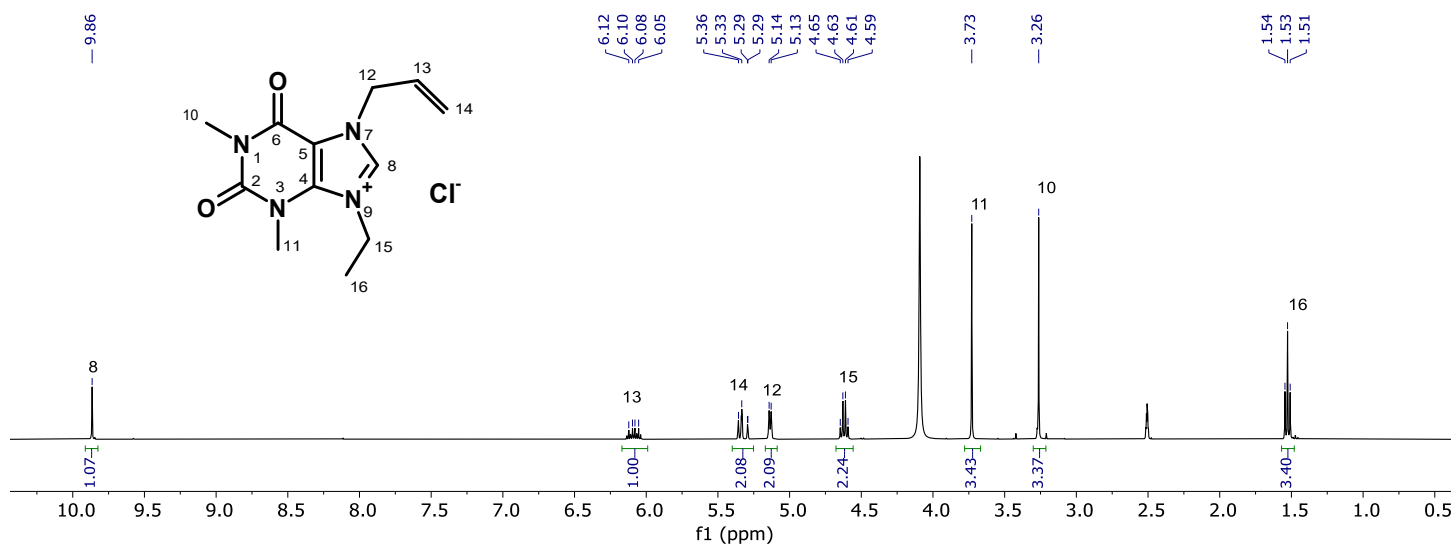
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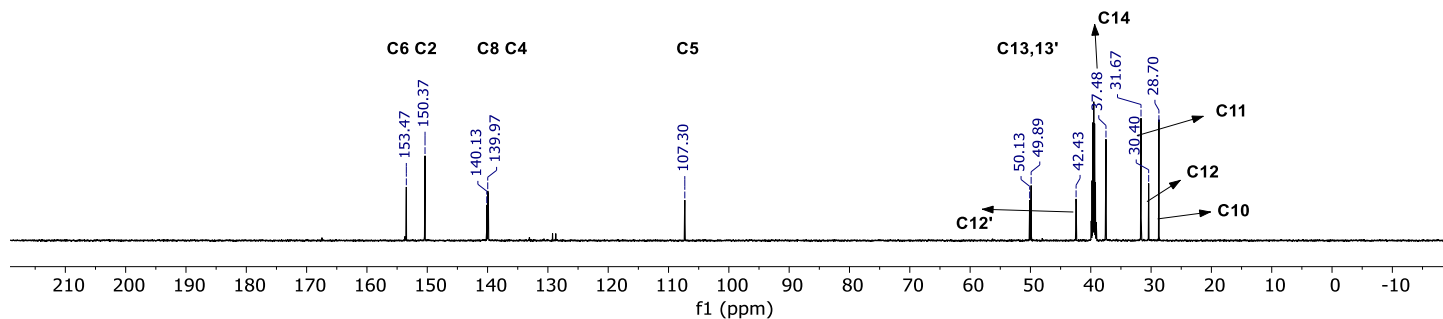
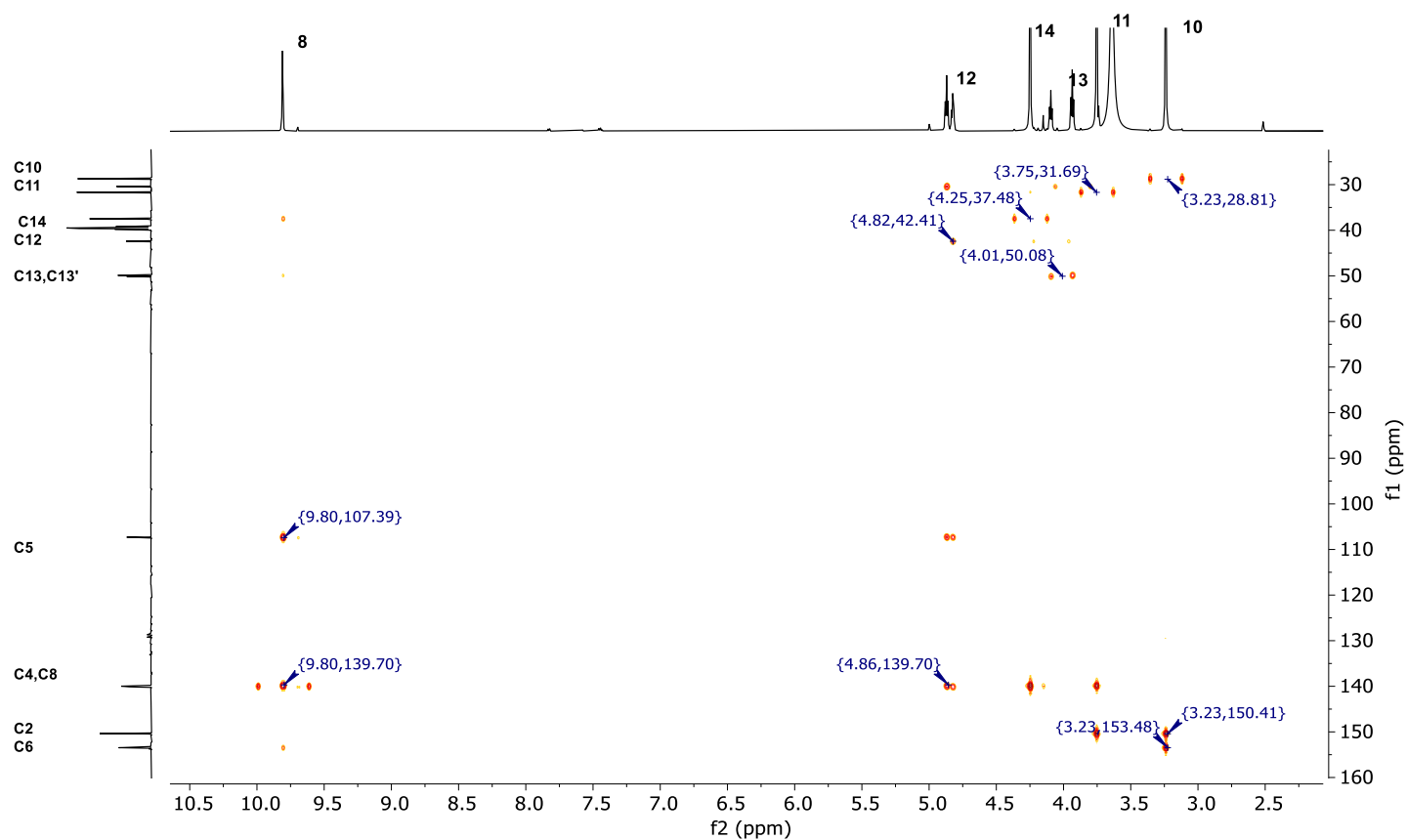
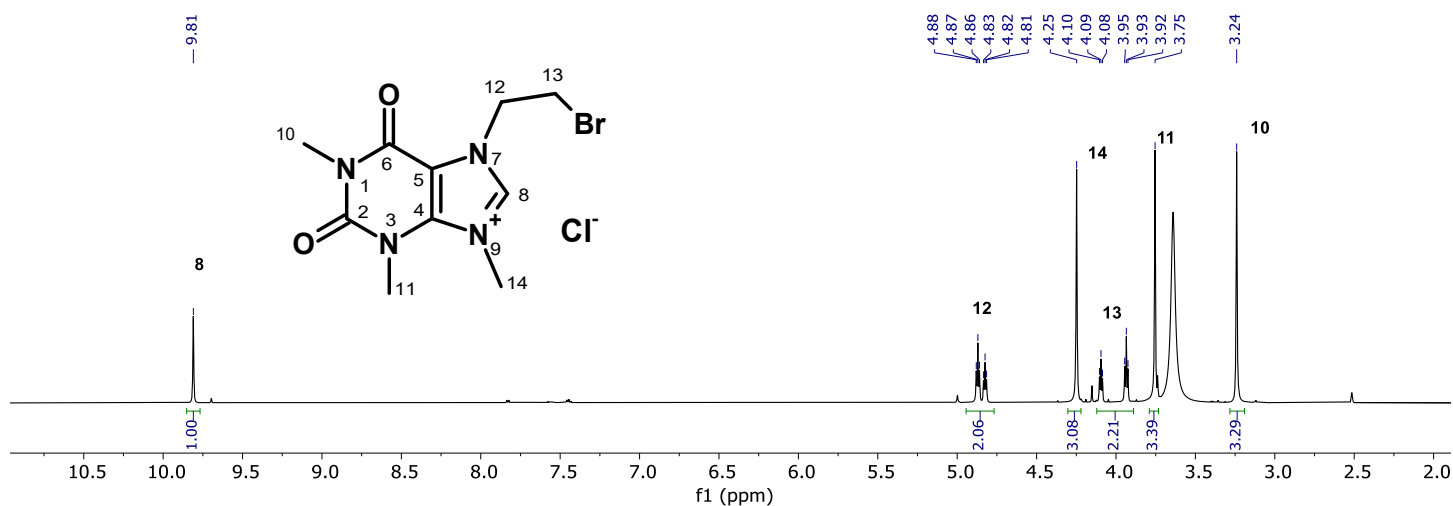
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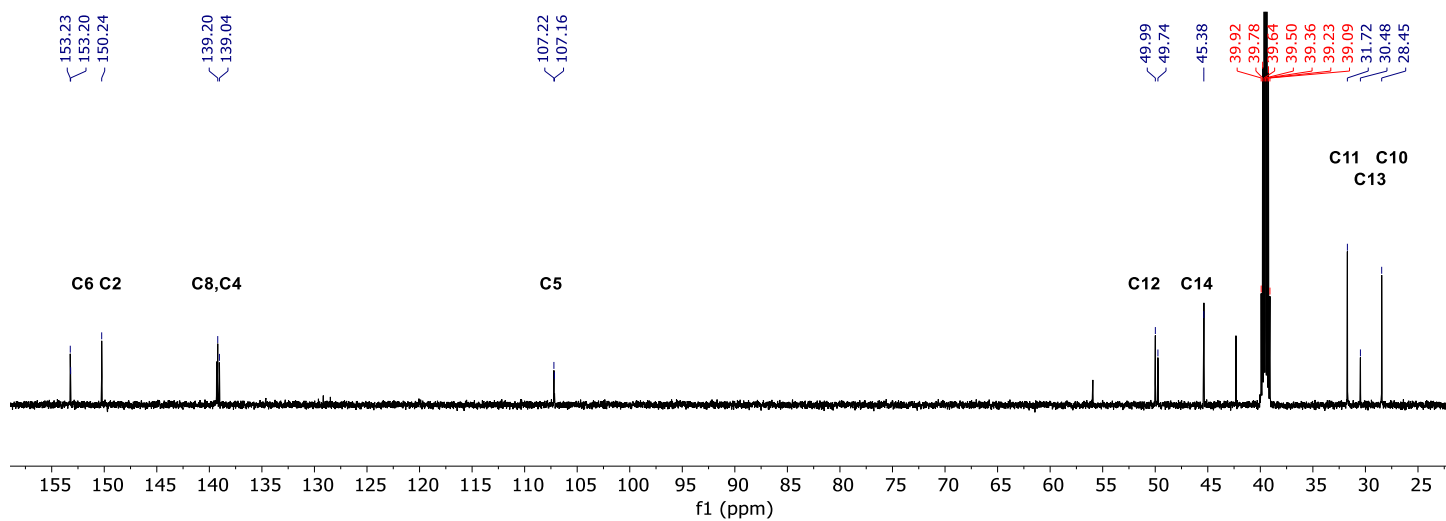
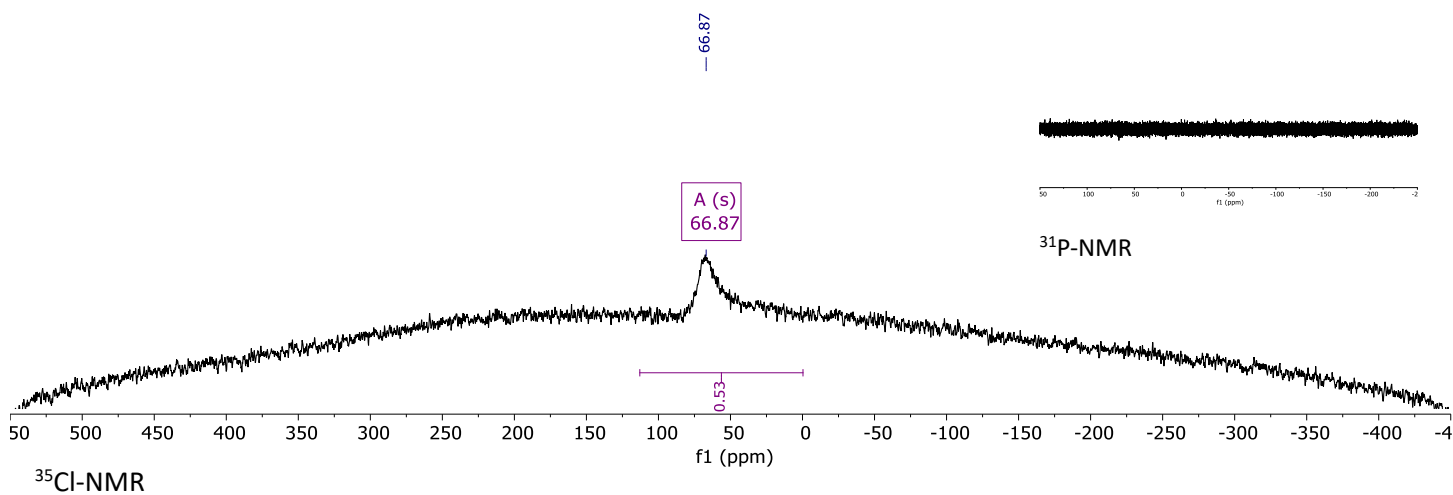
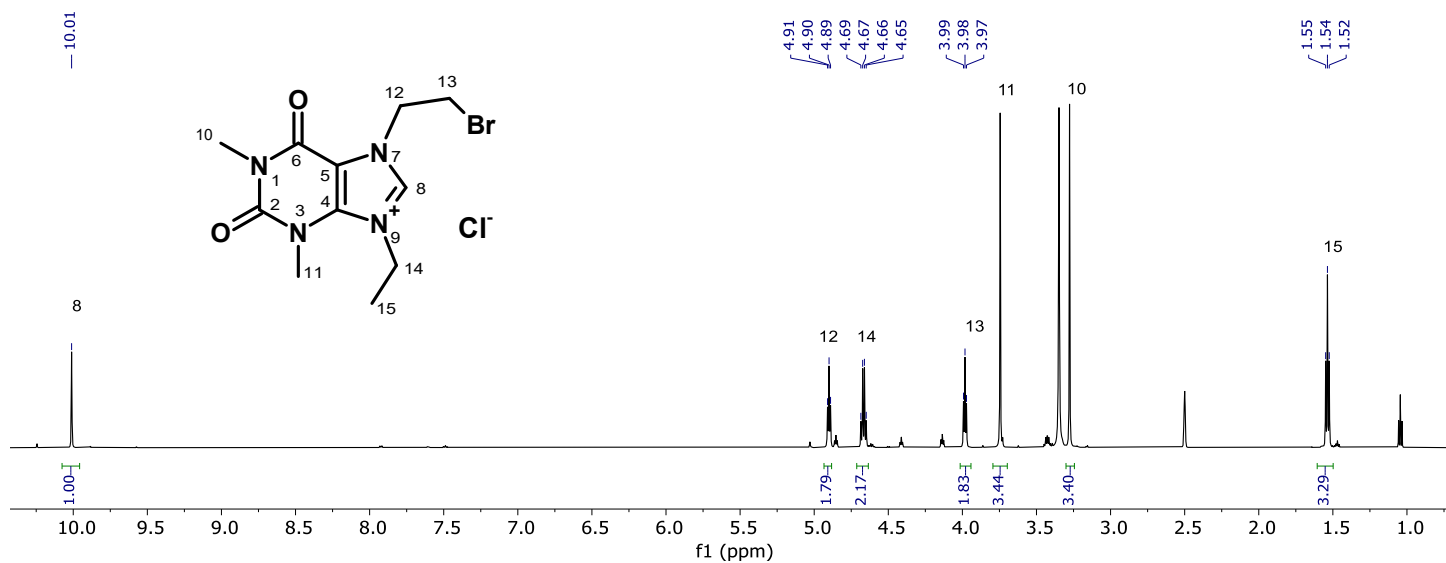
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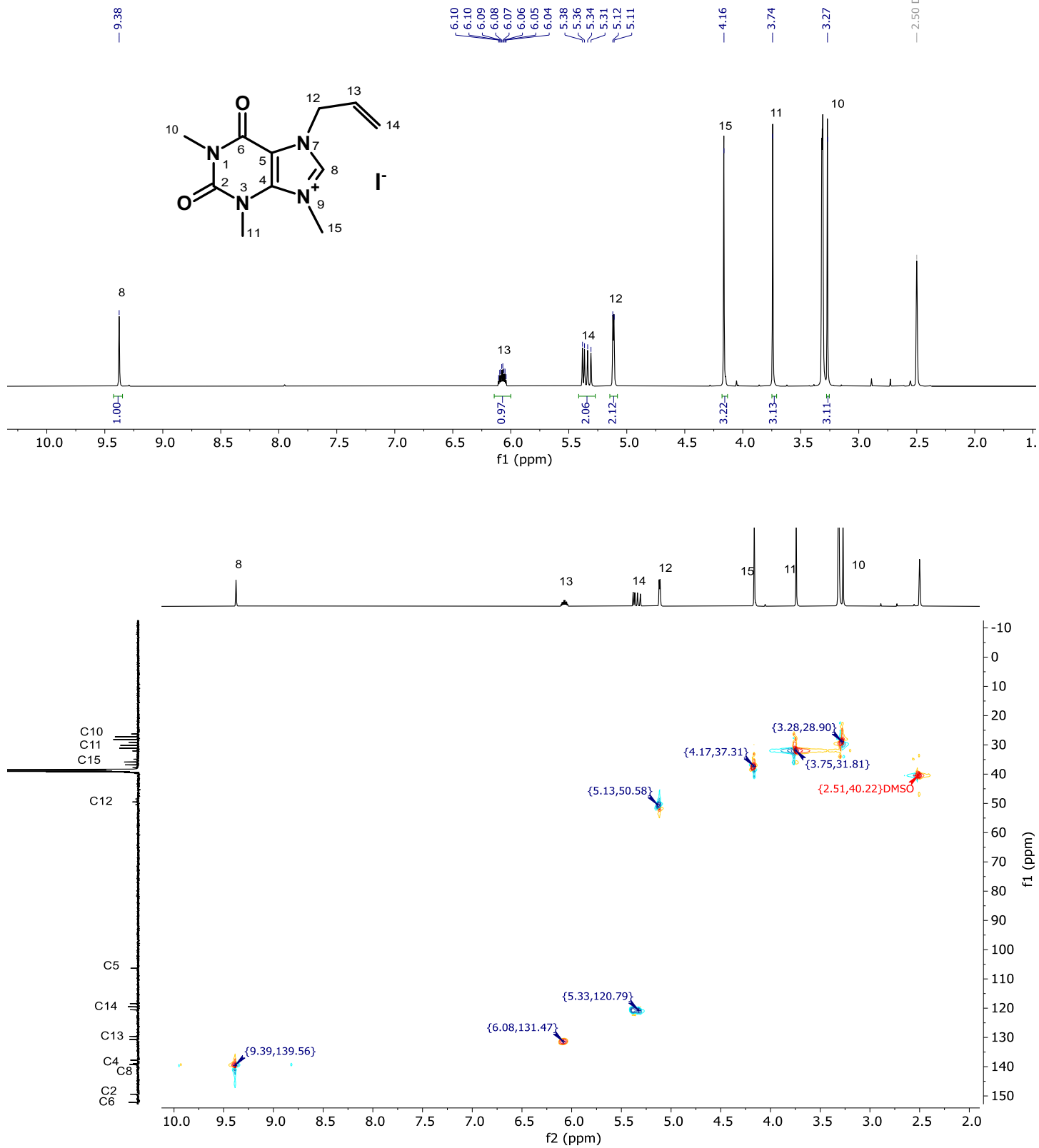
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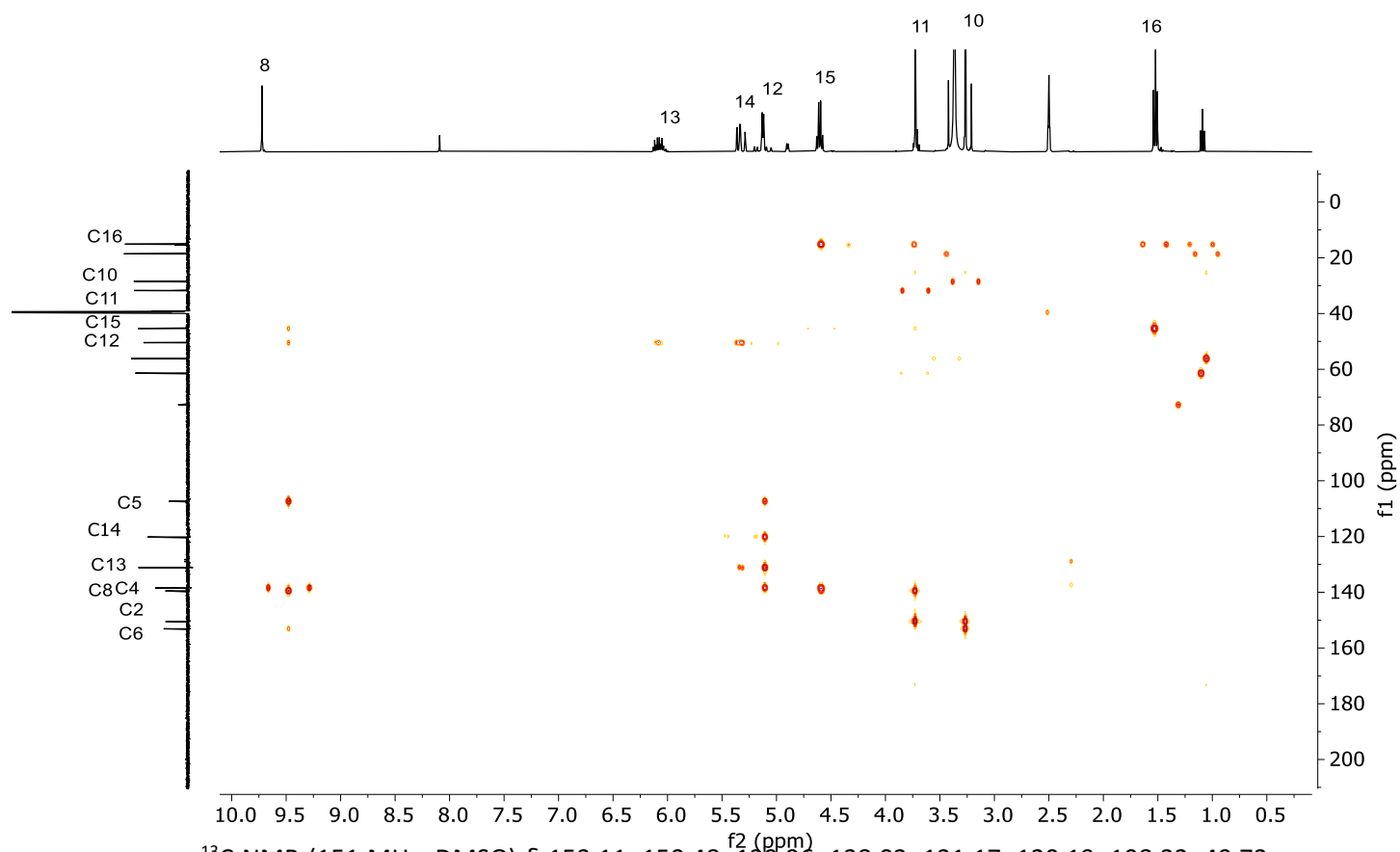
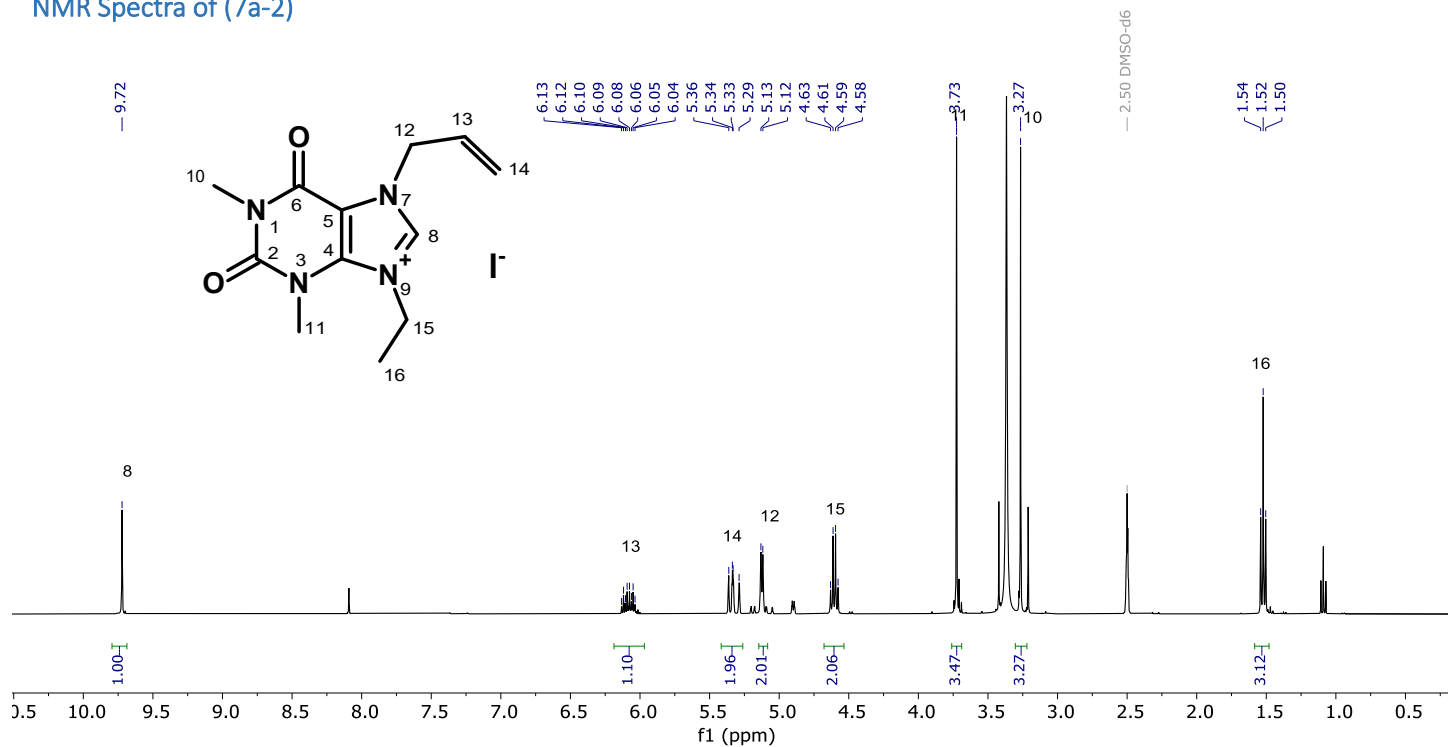
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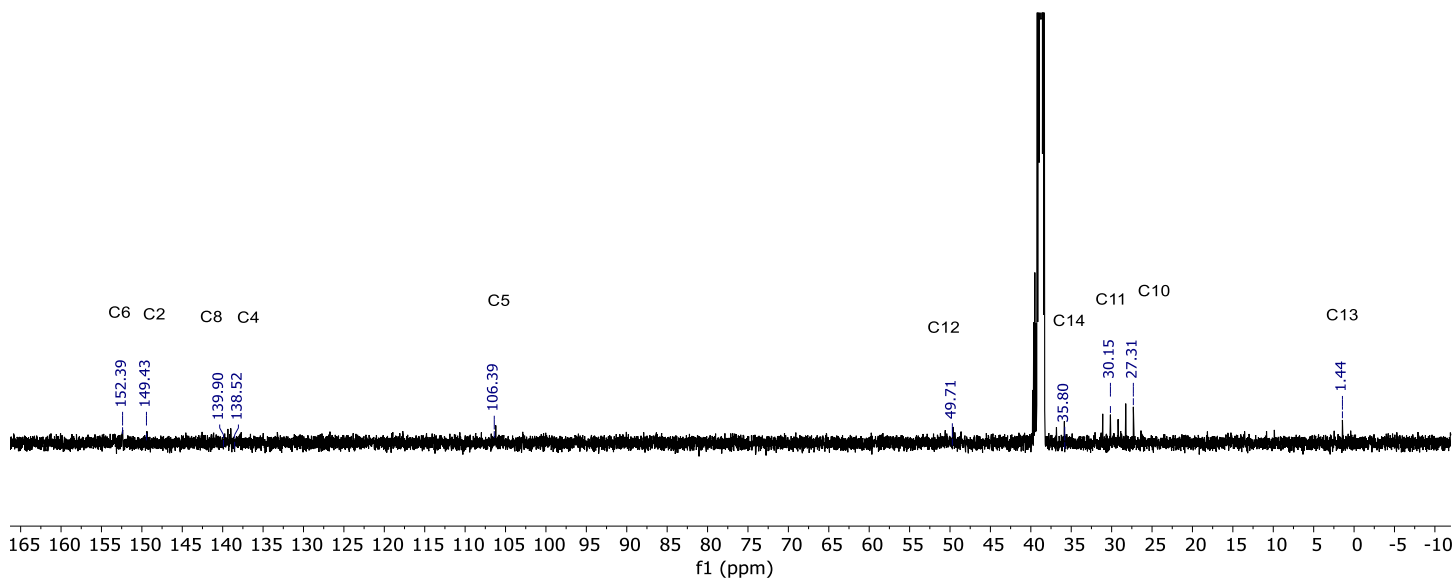
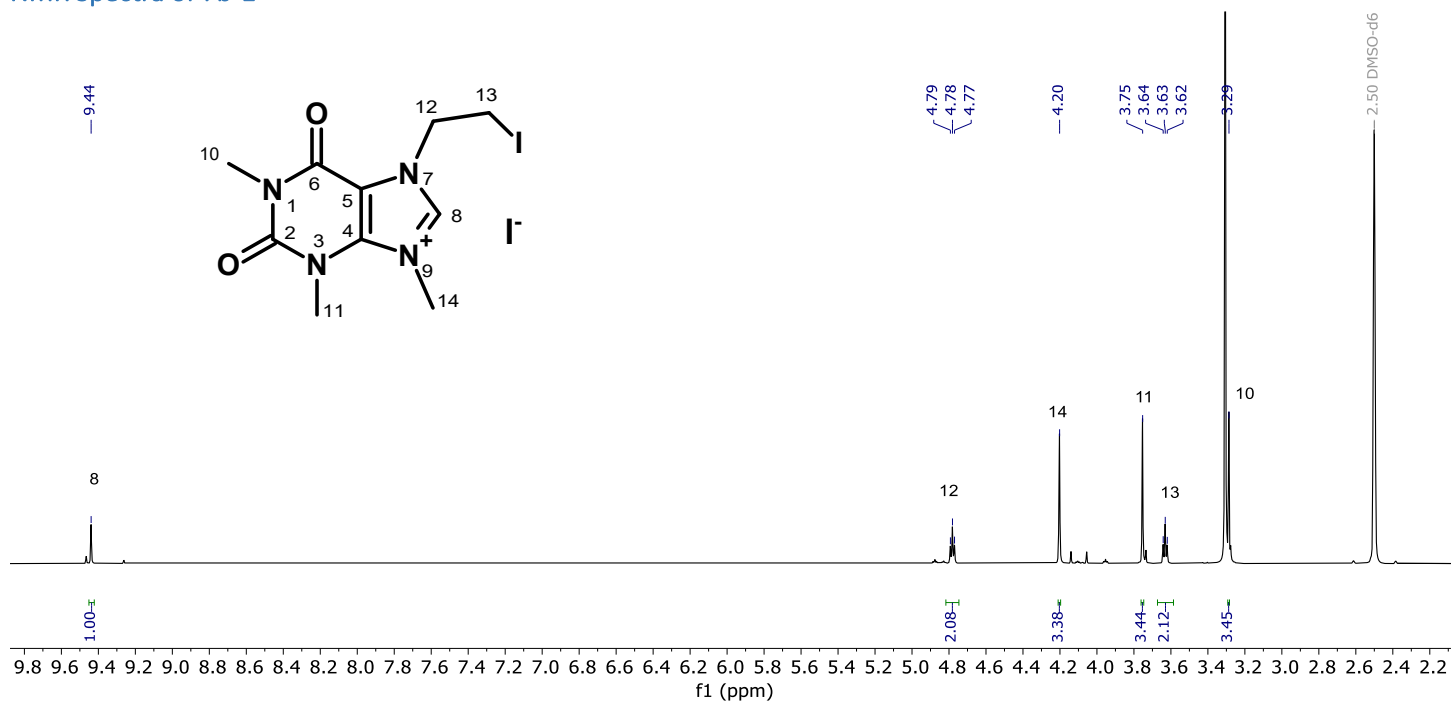


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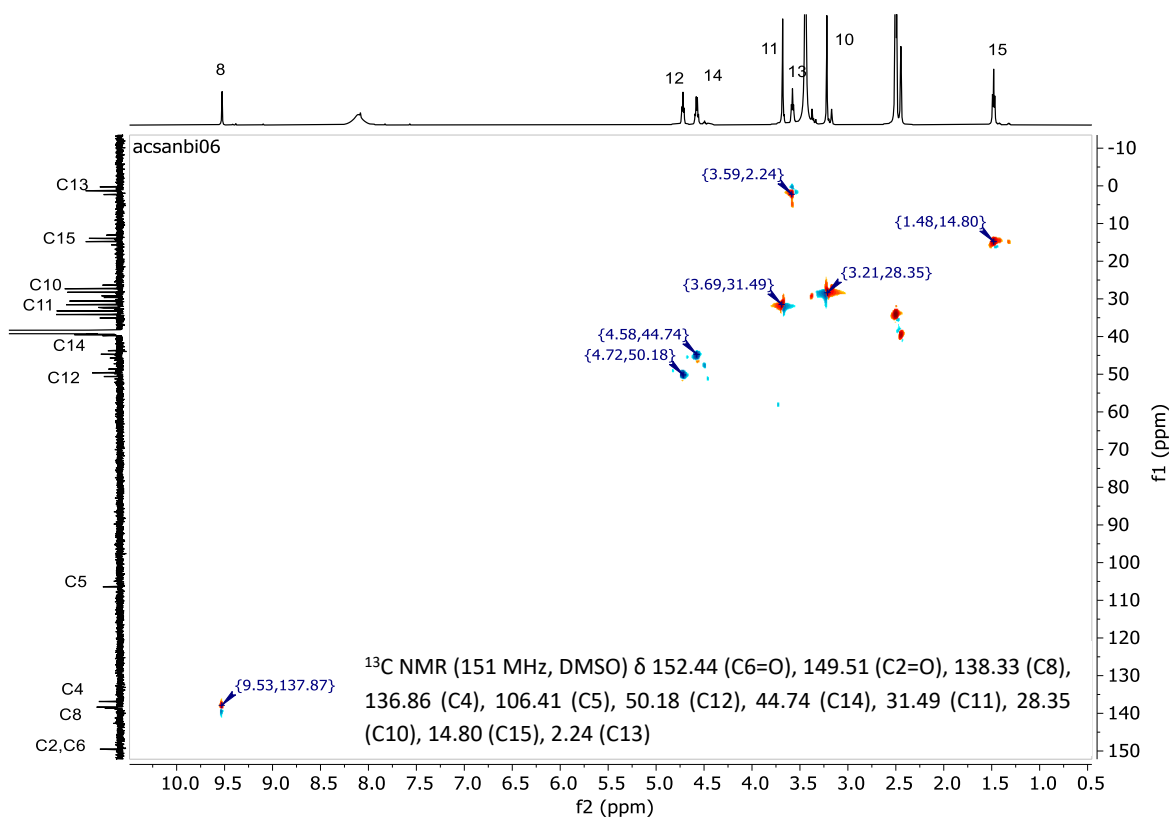
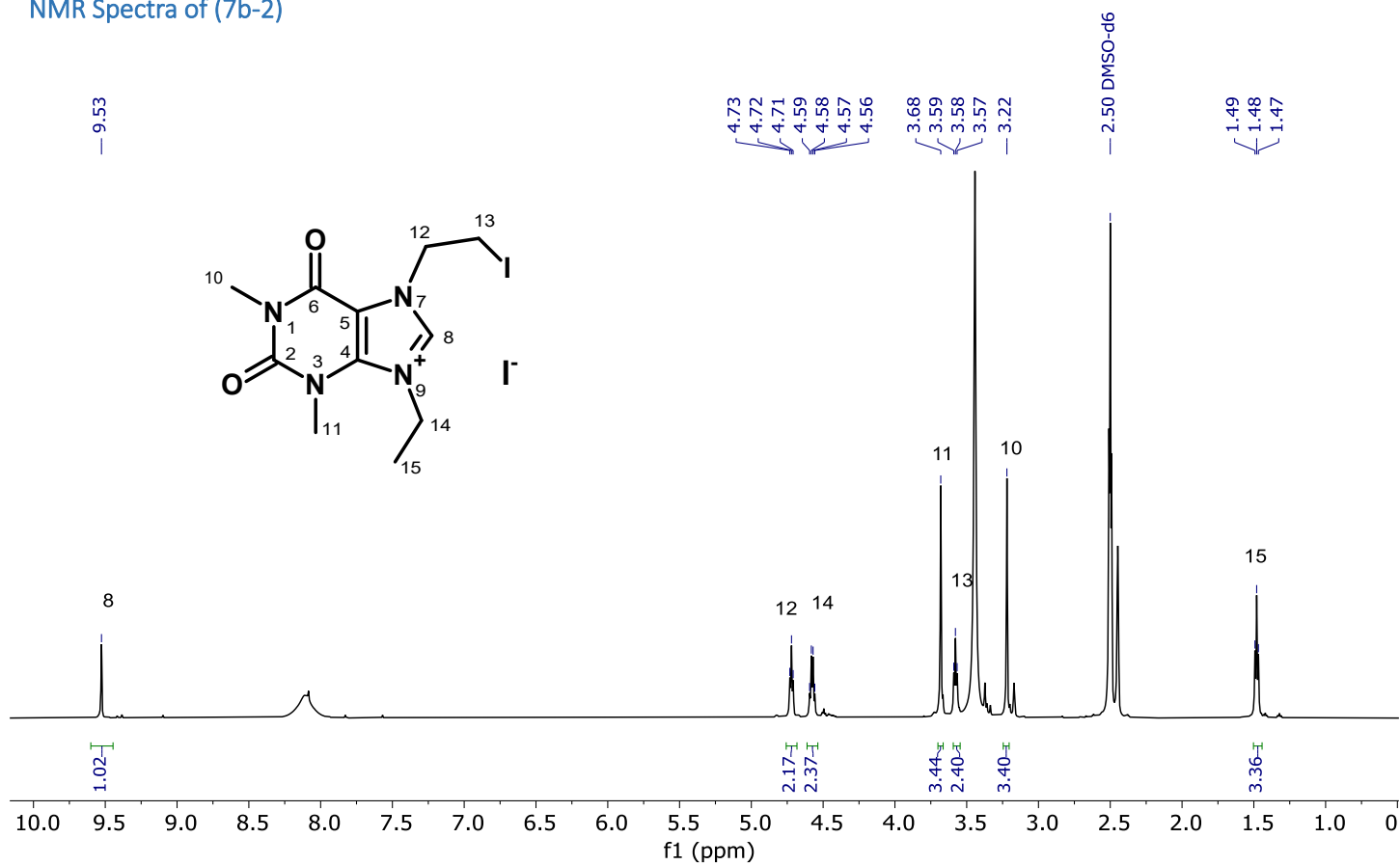


¹³C NMR (151 MHz, DMSO) δ 153.11, 150.48, 139.96, 138.02, 131.17, 120.19, 108.22, 49.72, 46.38, 28.47, 18.59, 14.27.

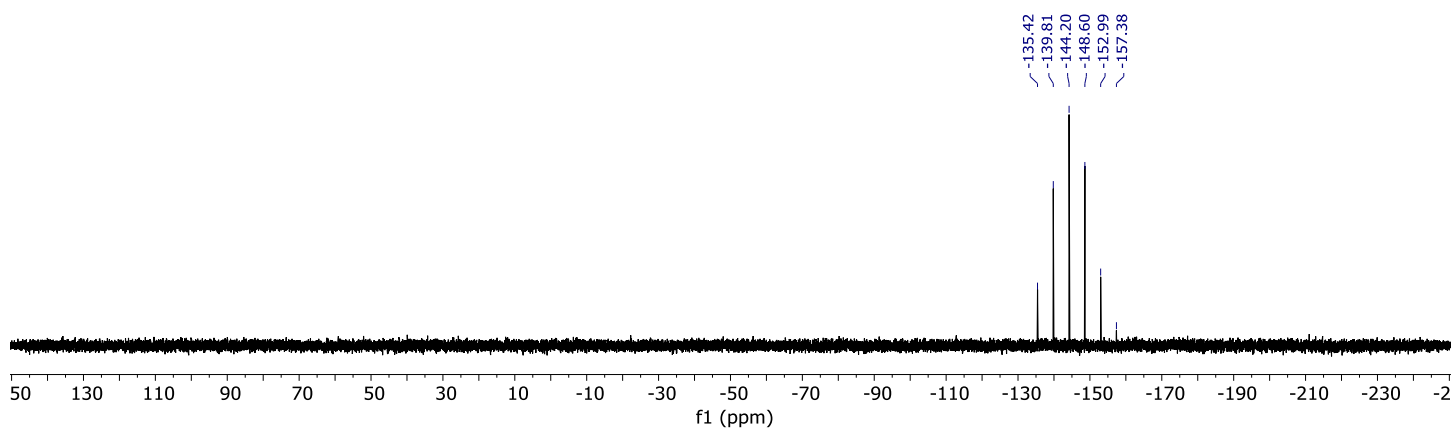
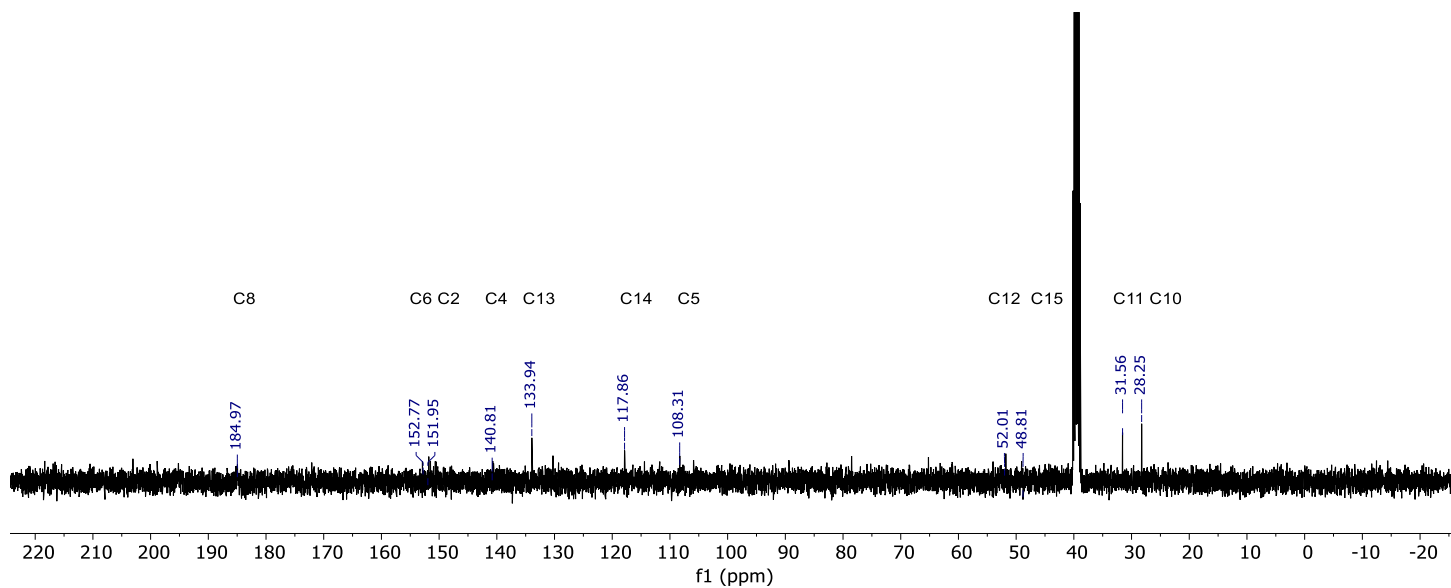
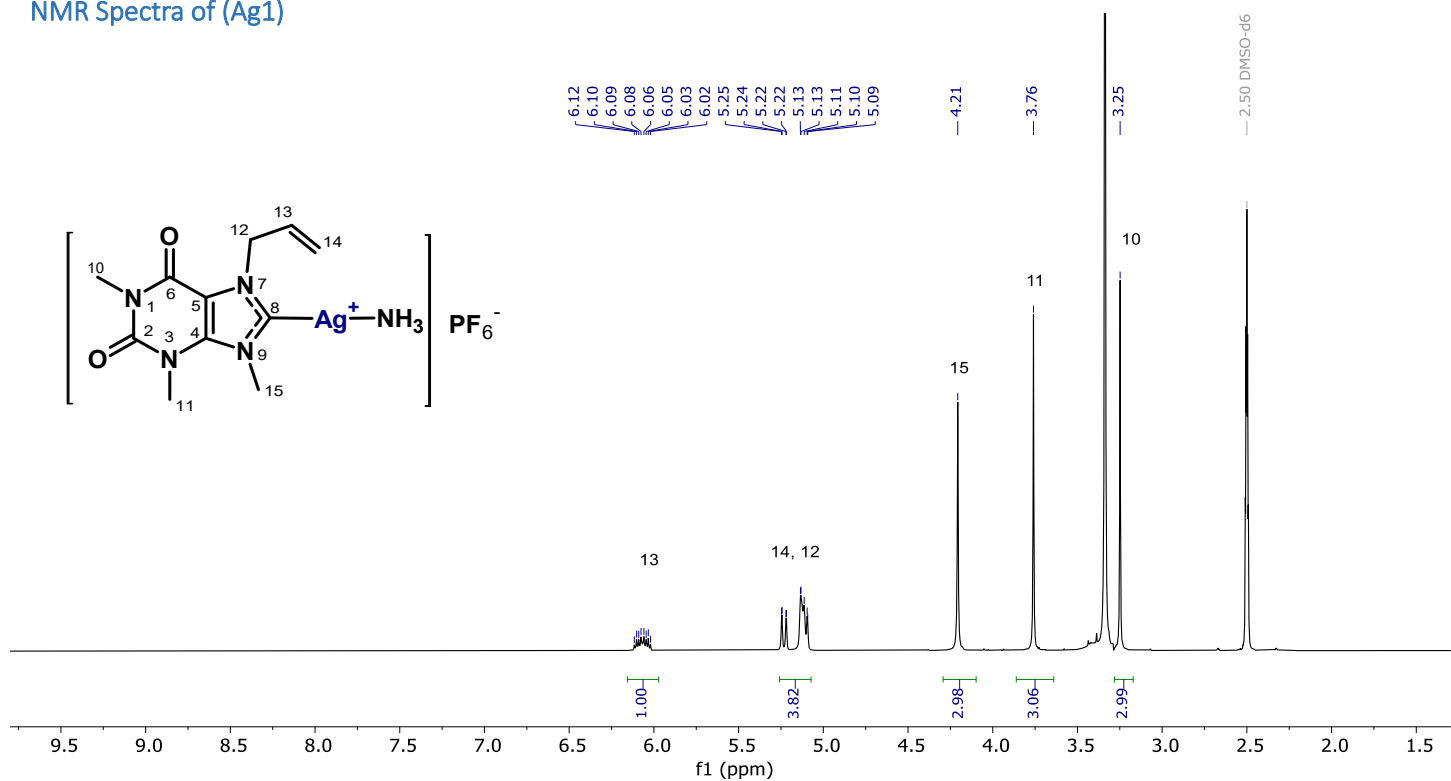
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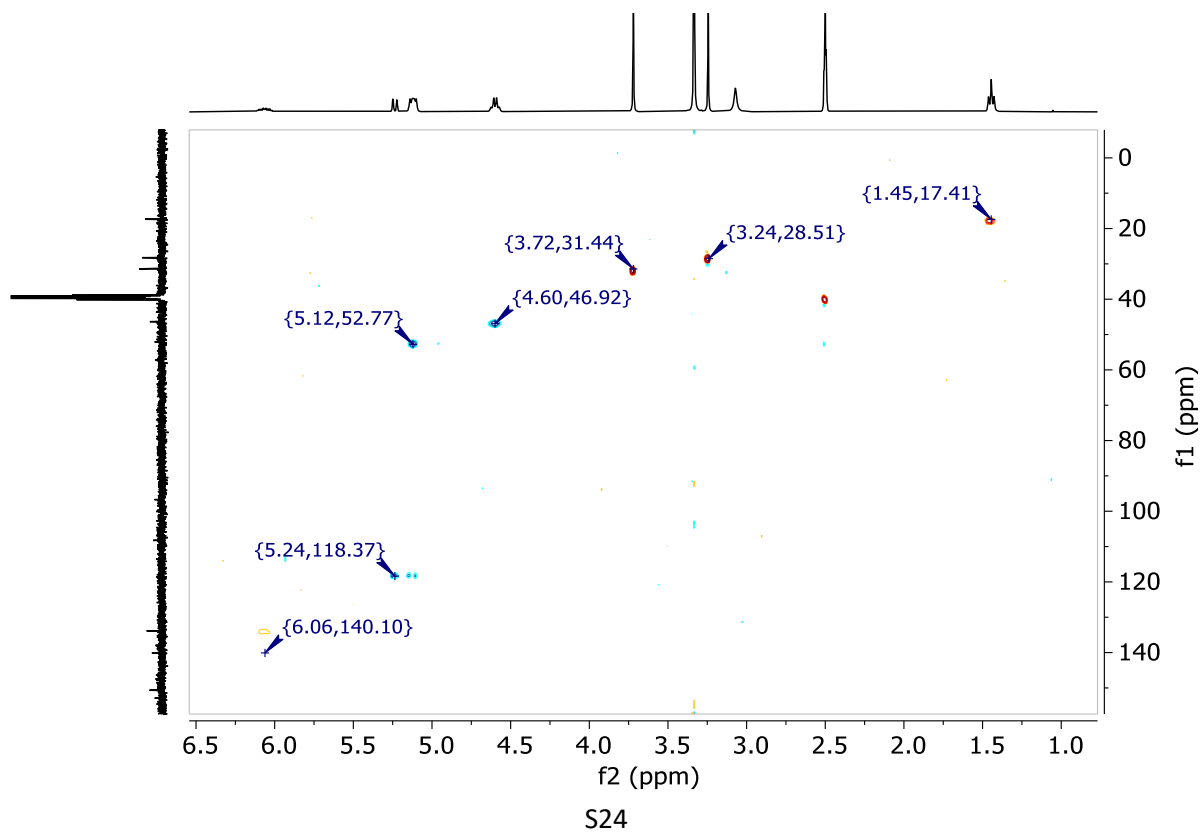
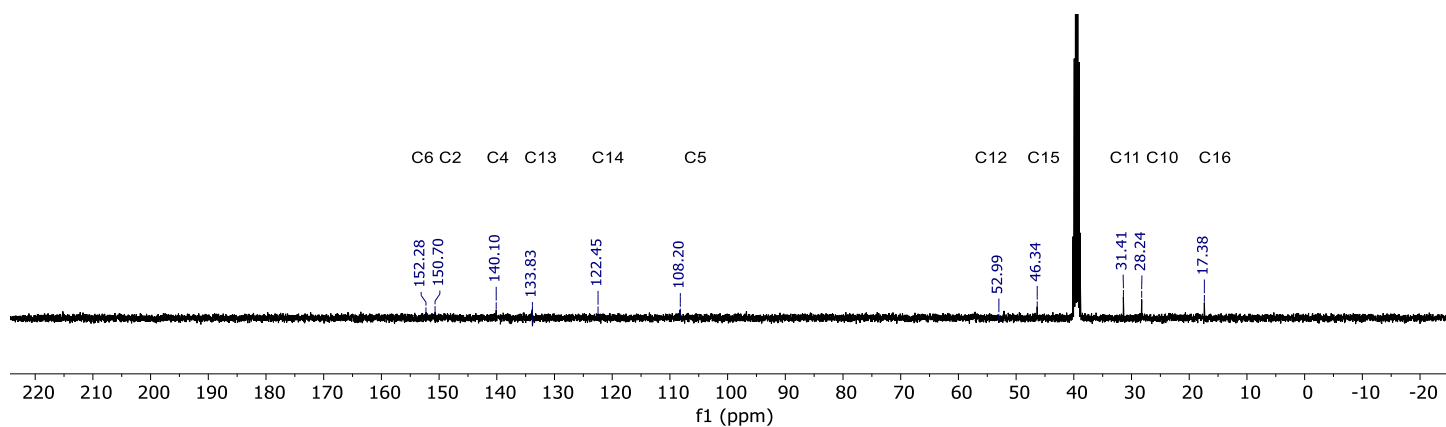
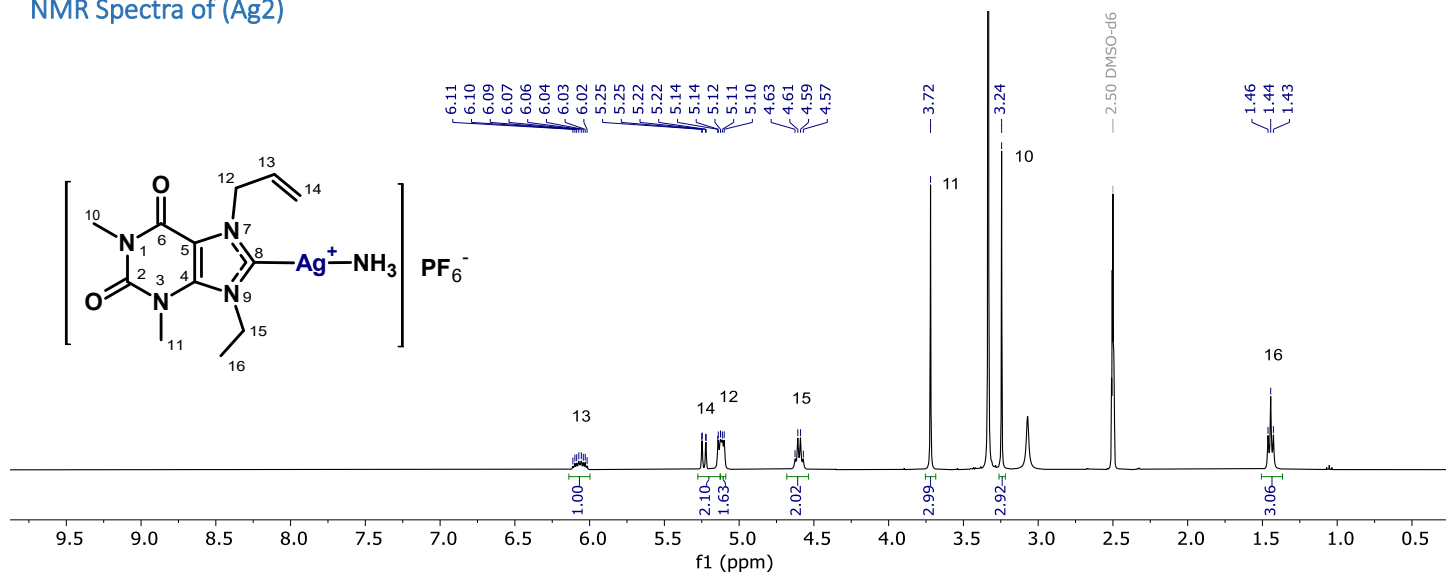
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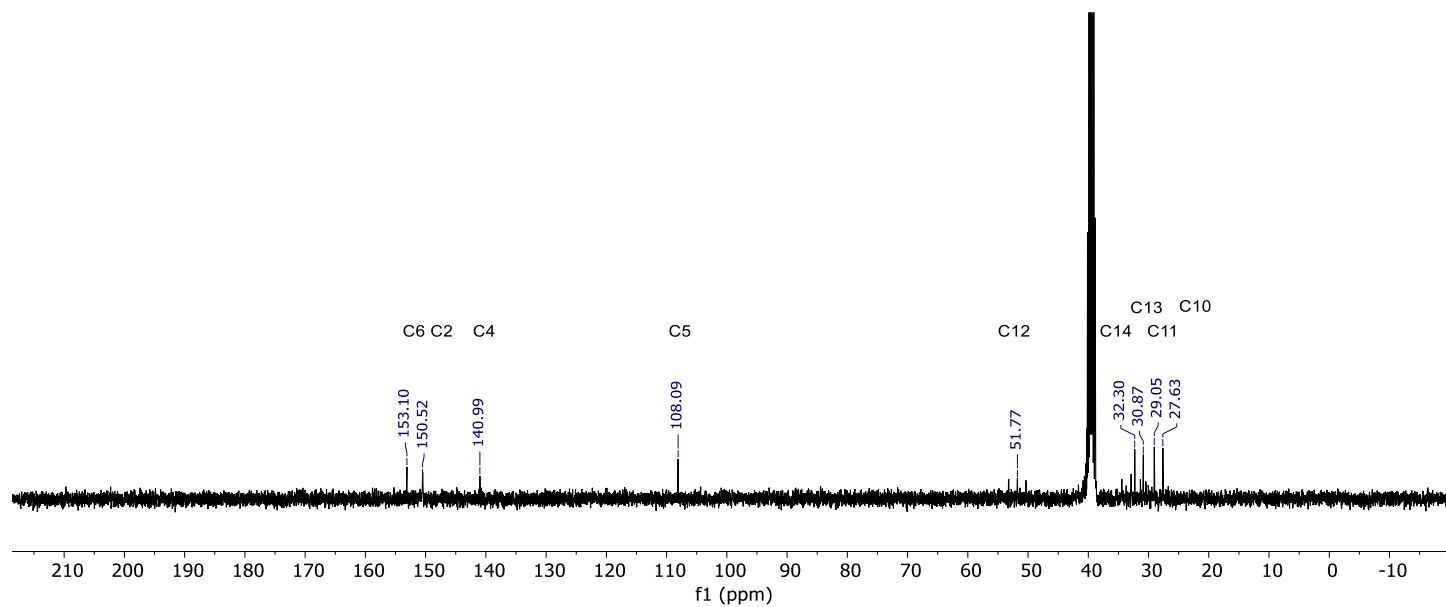
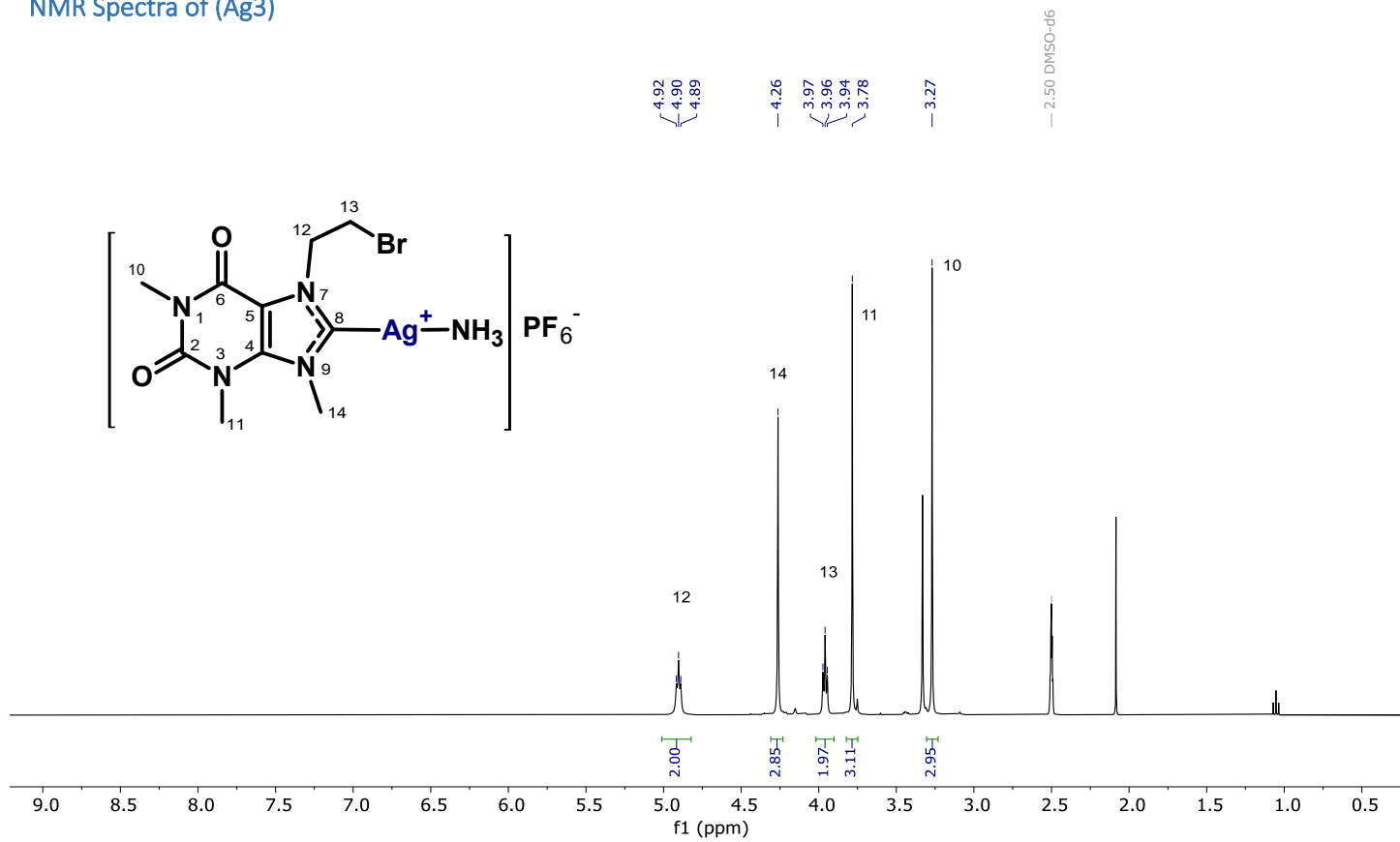
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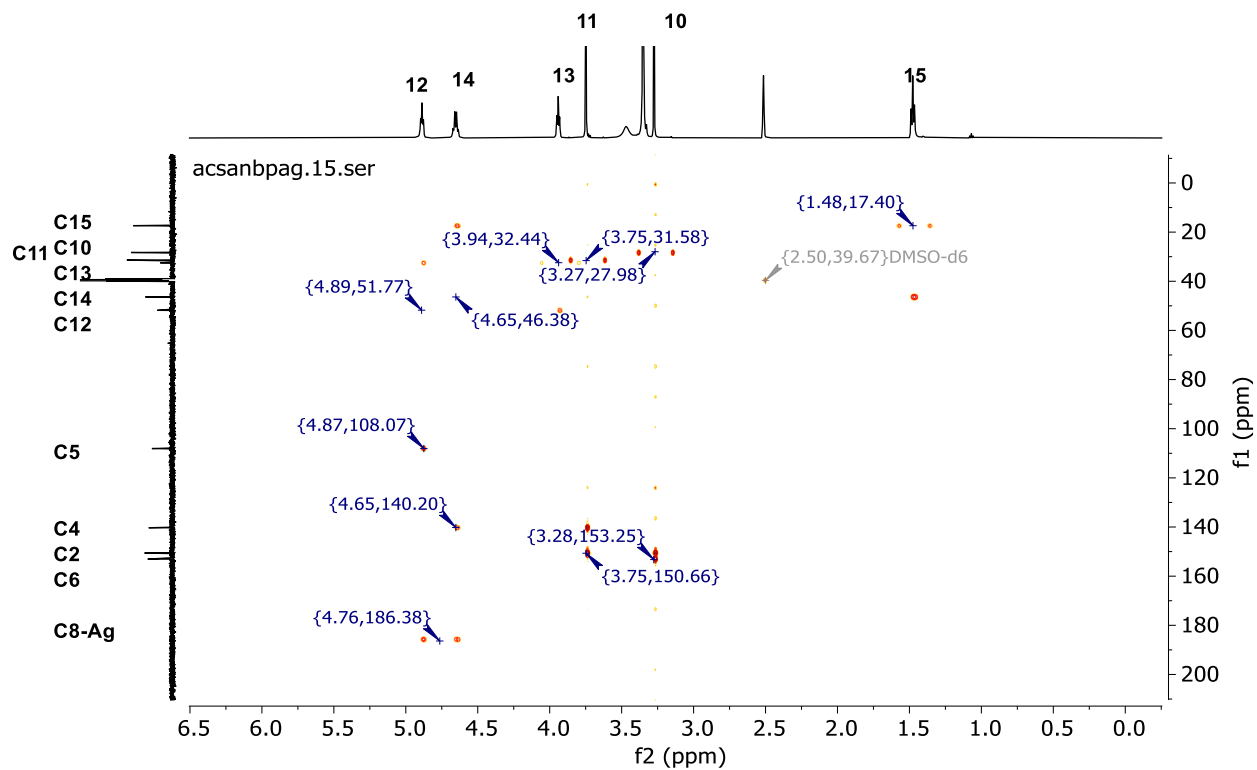
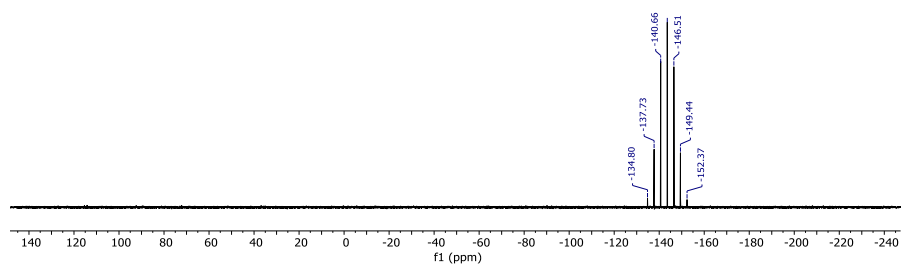
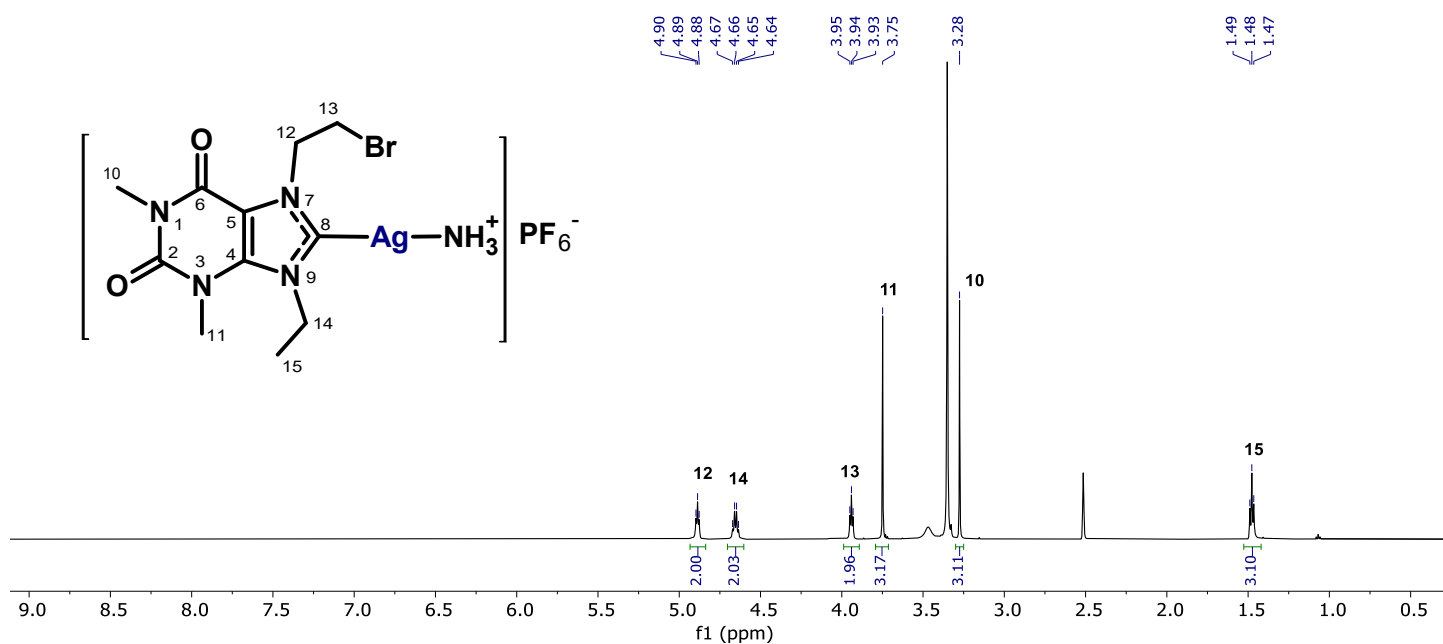
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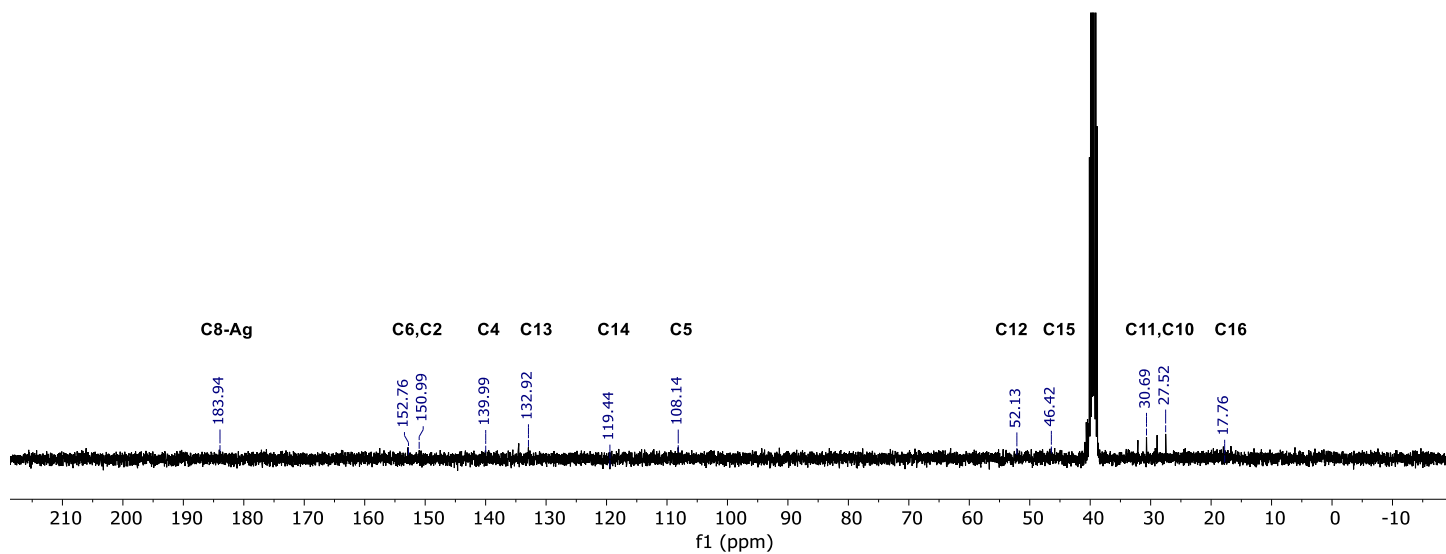
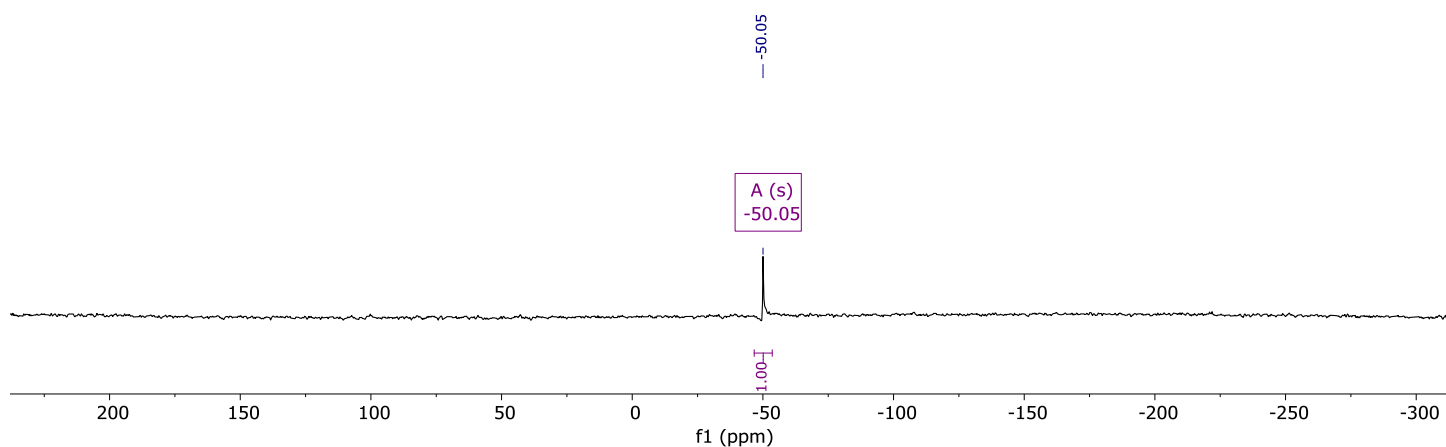
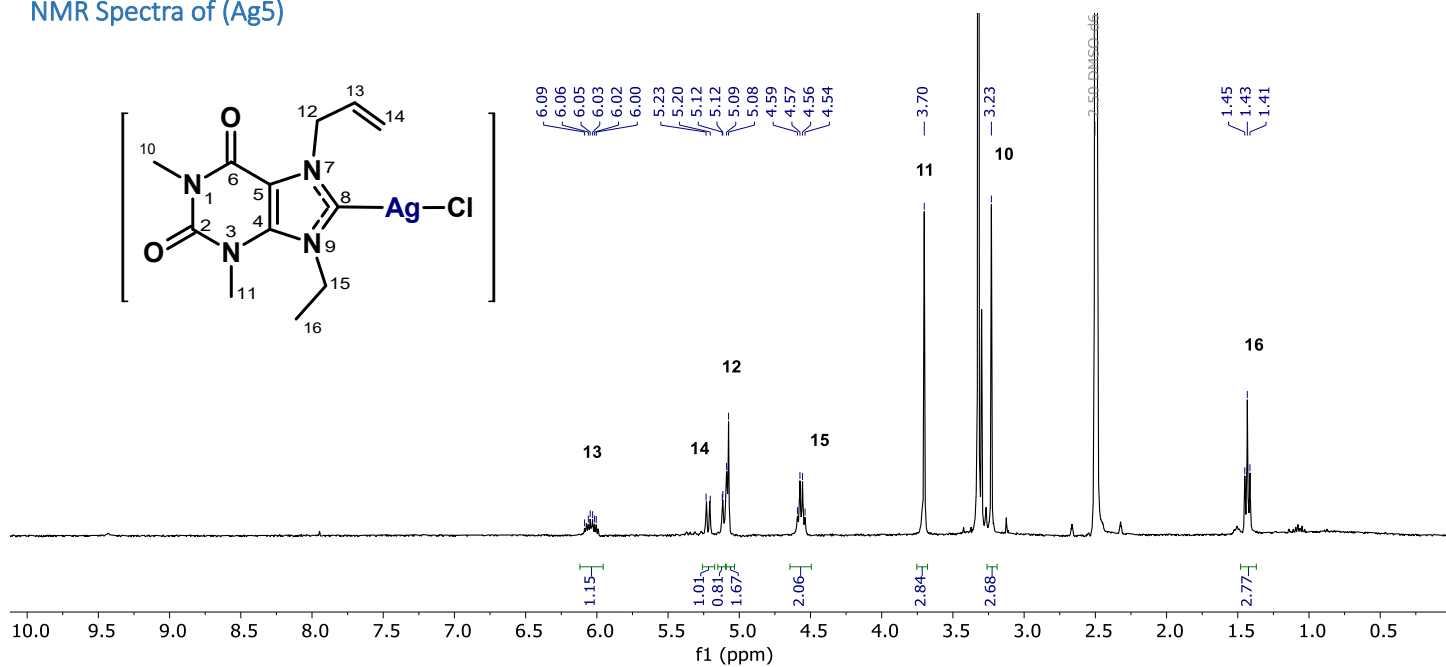
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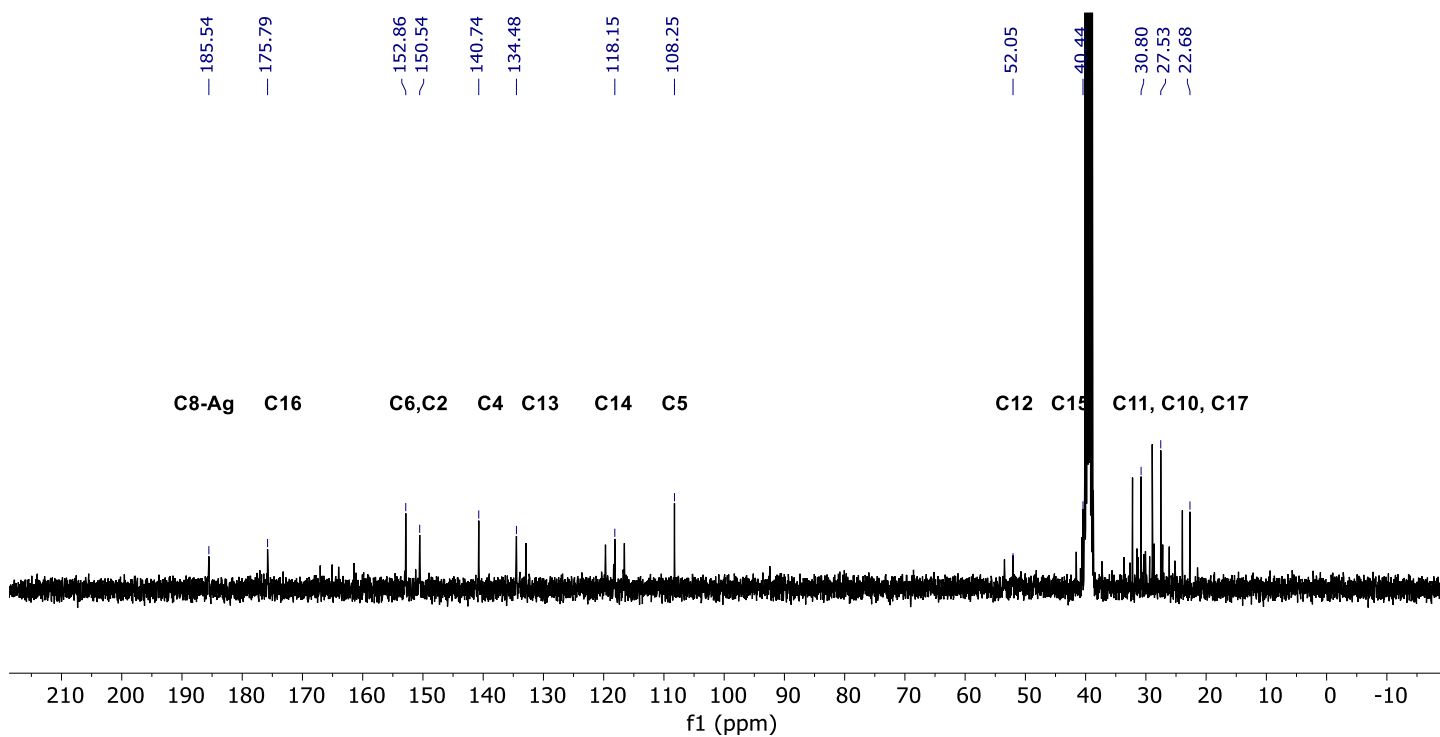
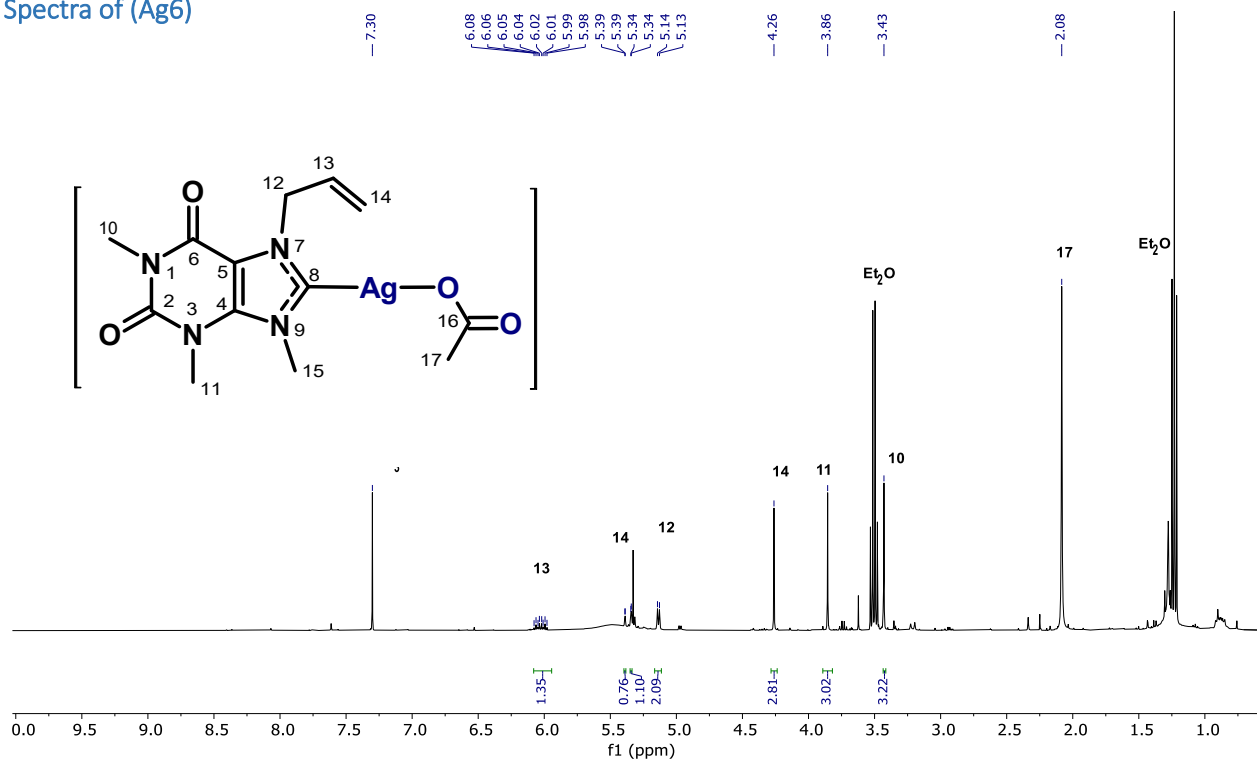
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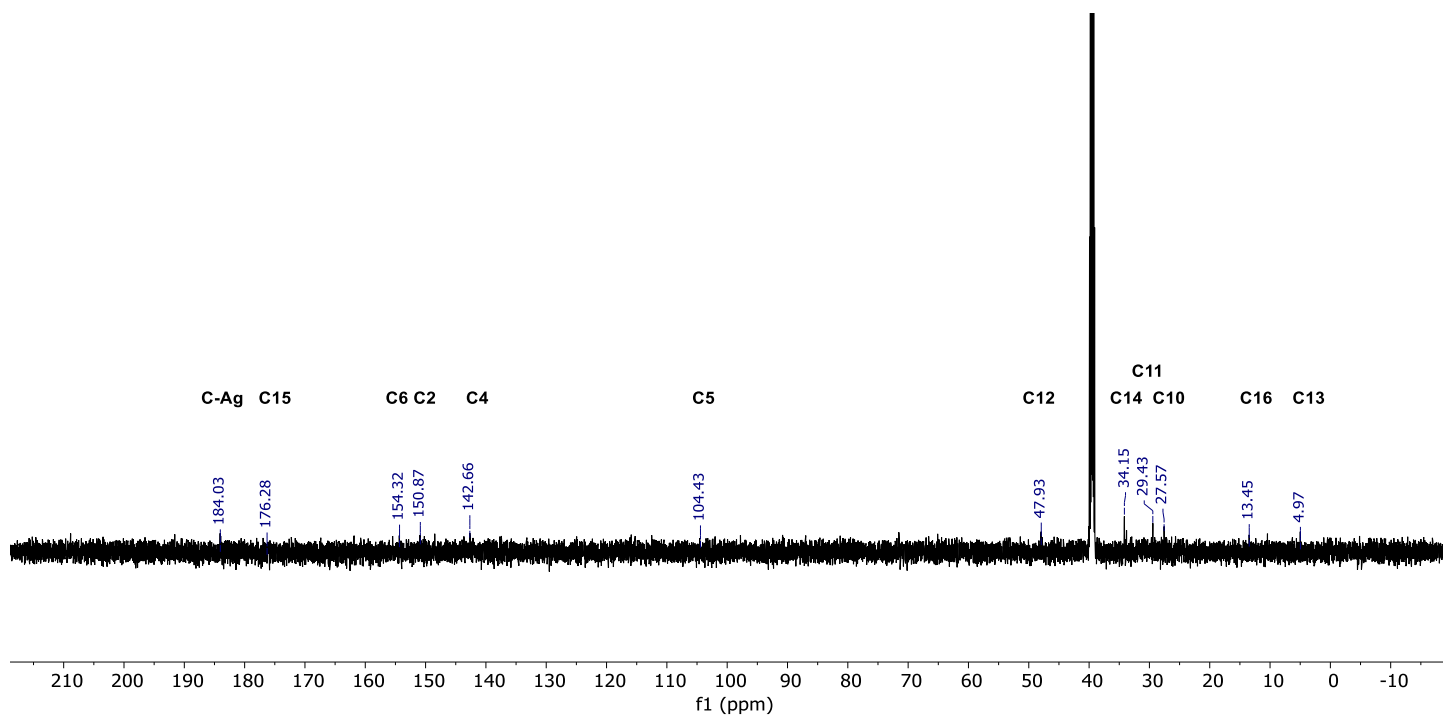
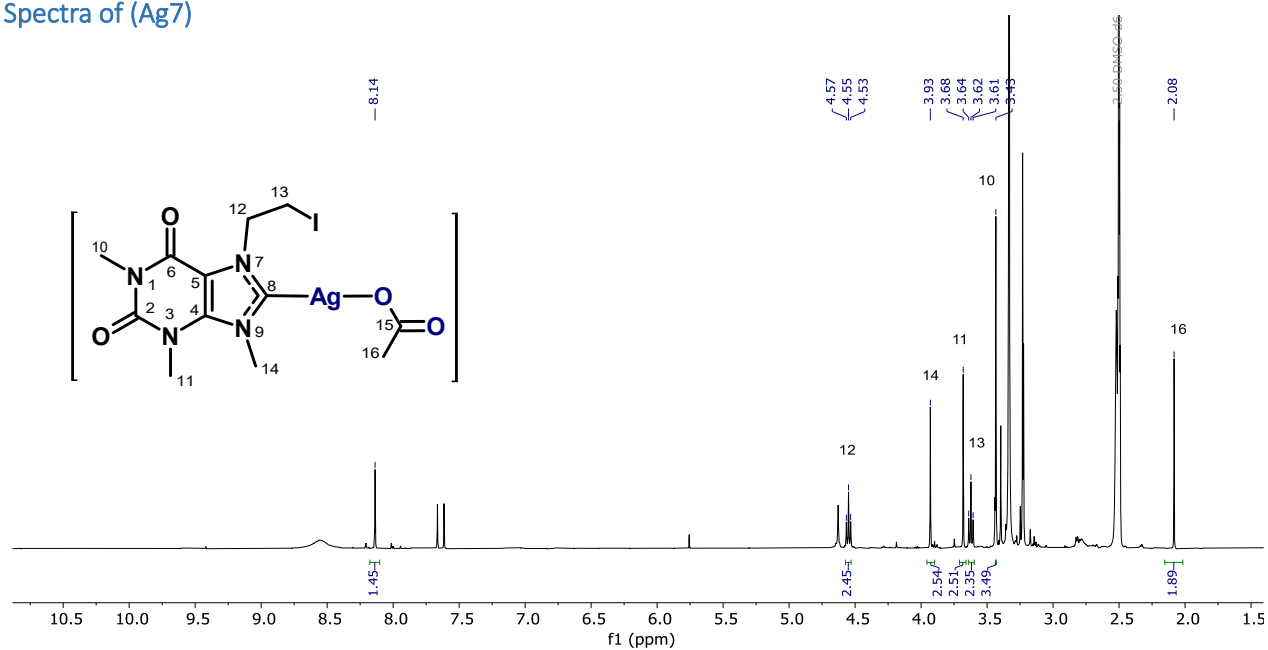
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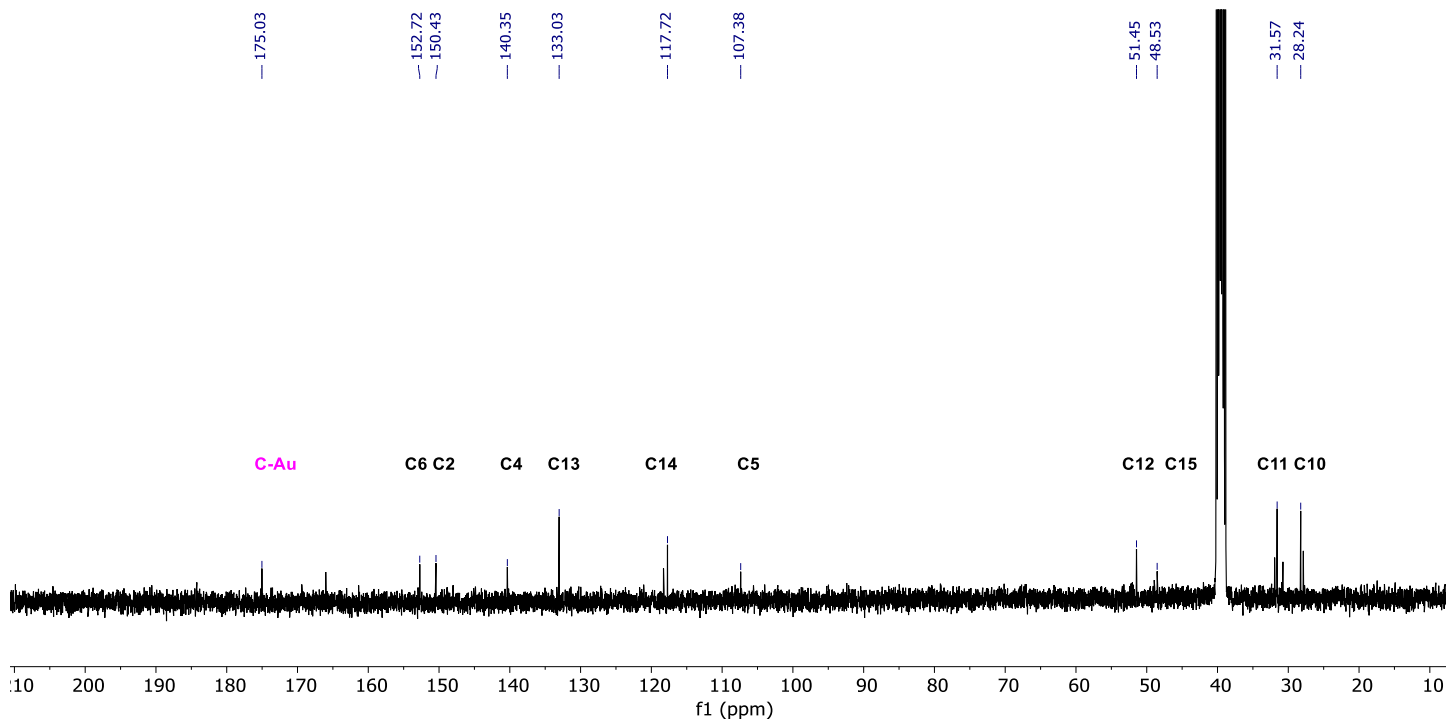
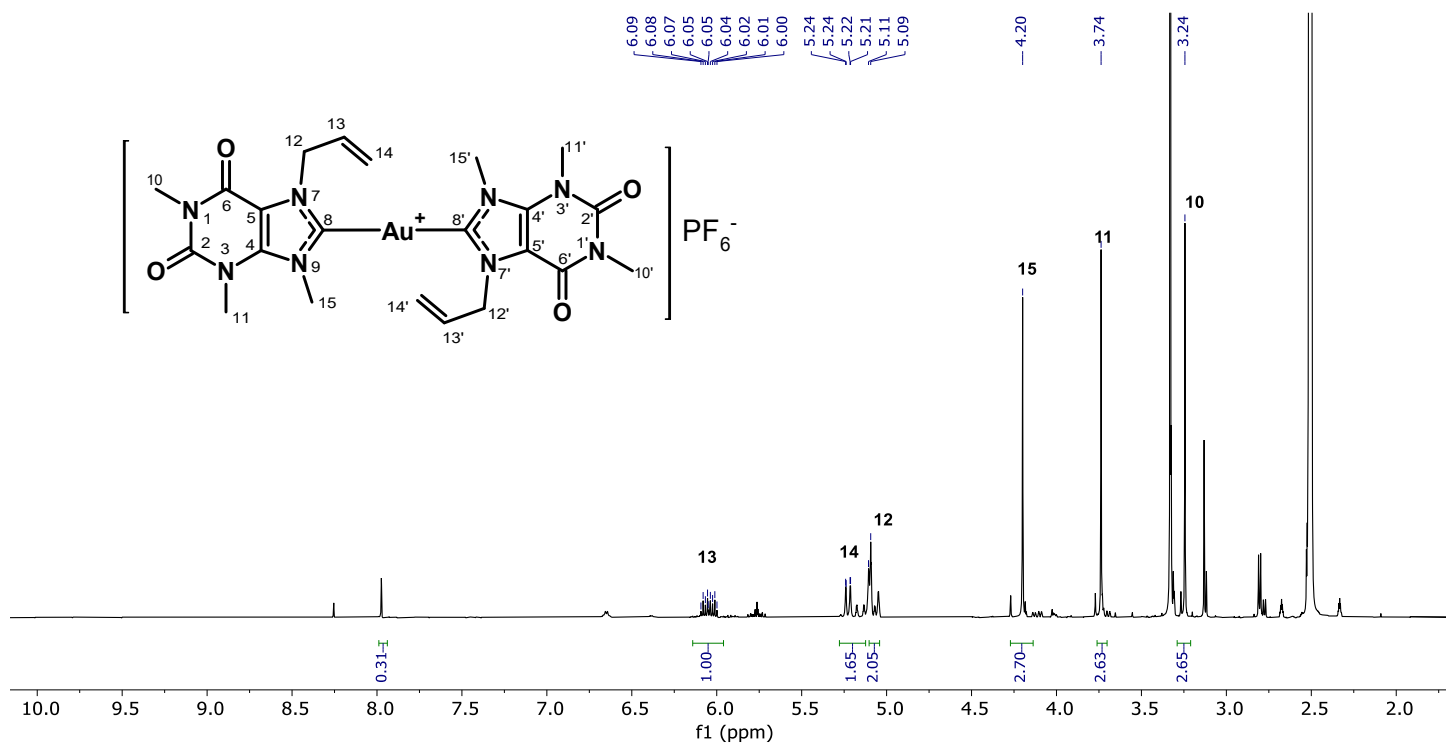
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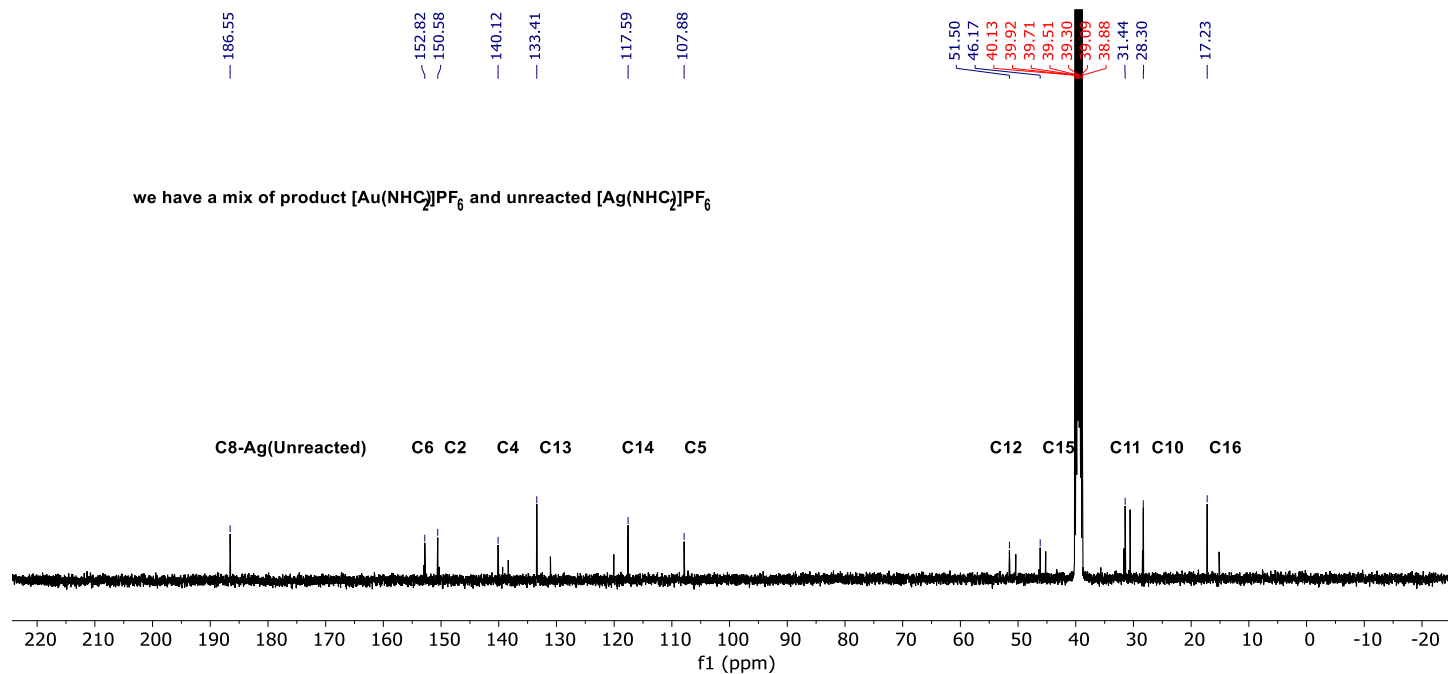
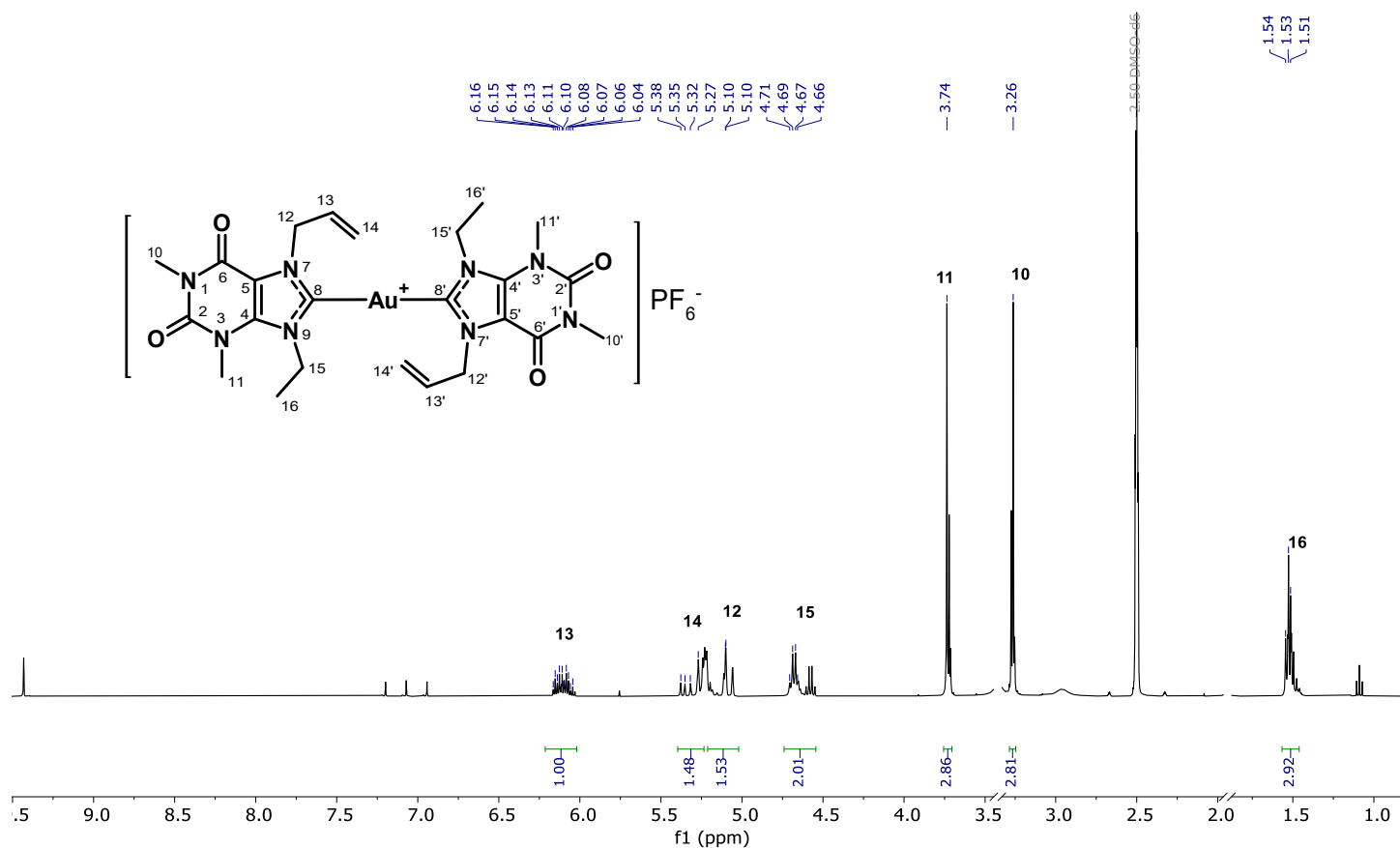
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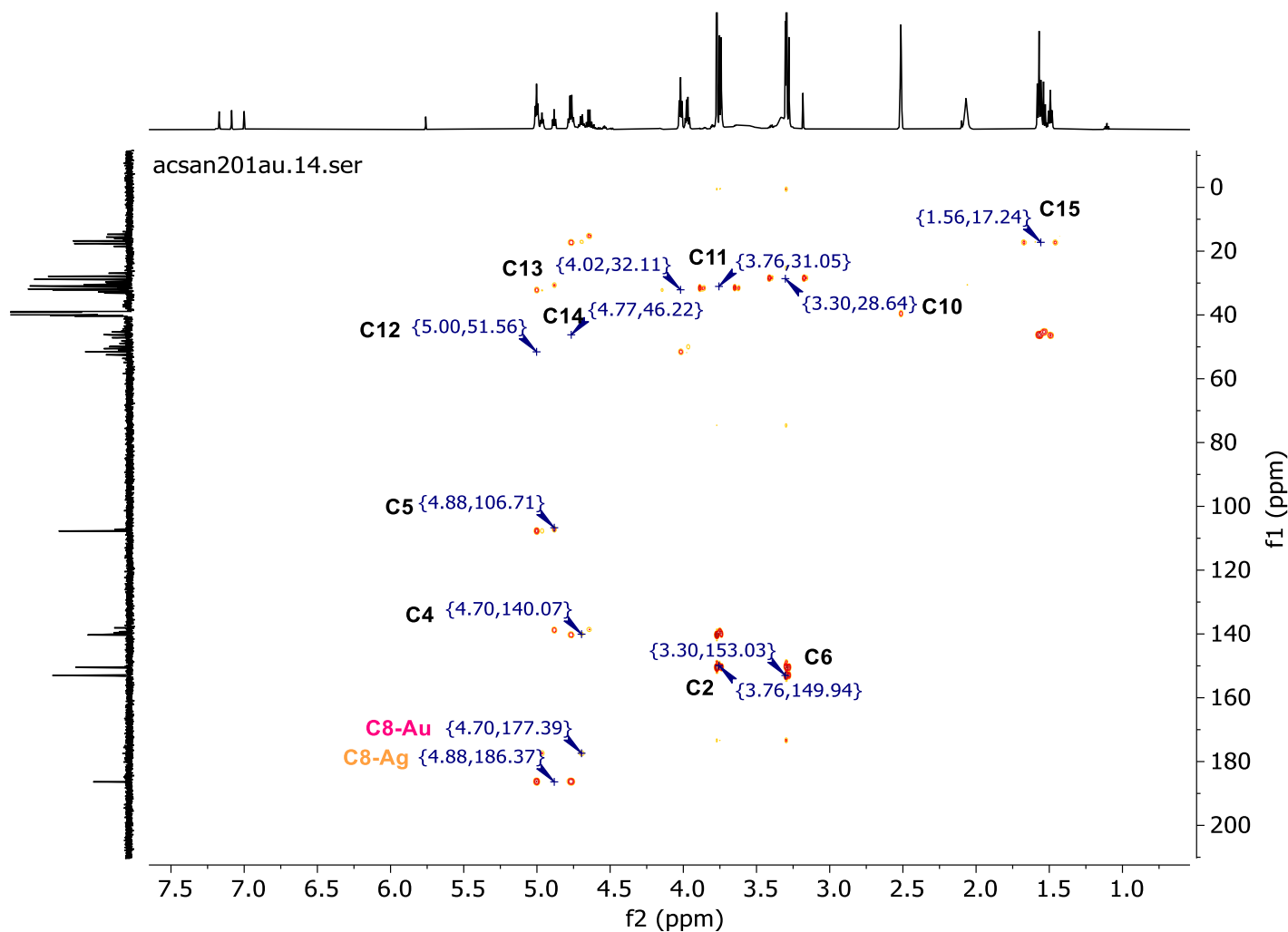
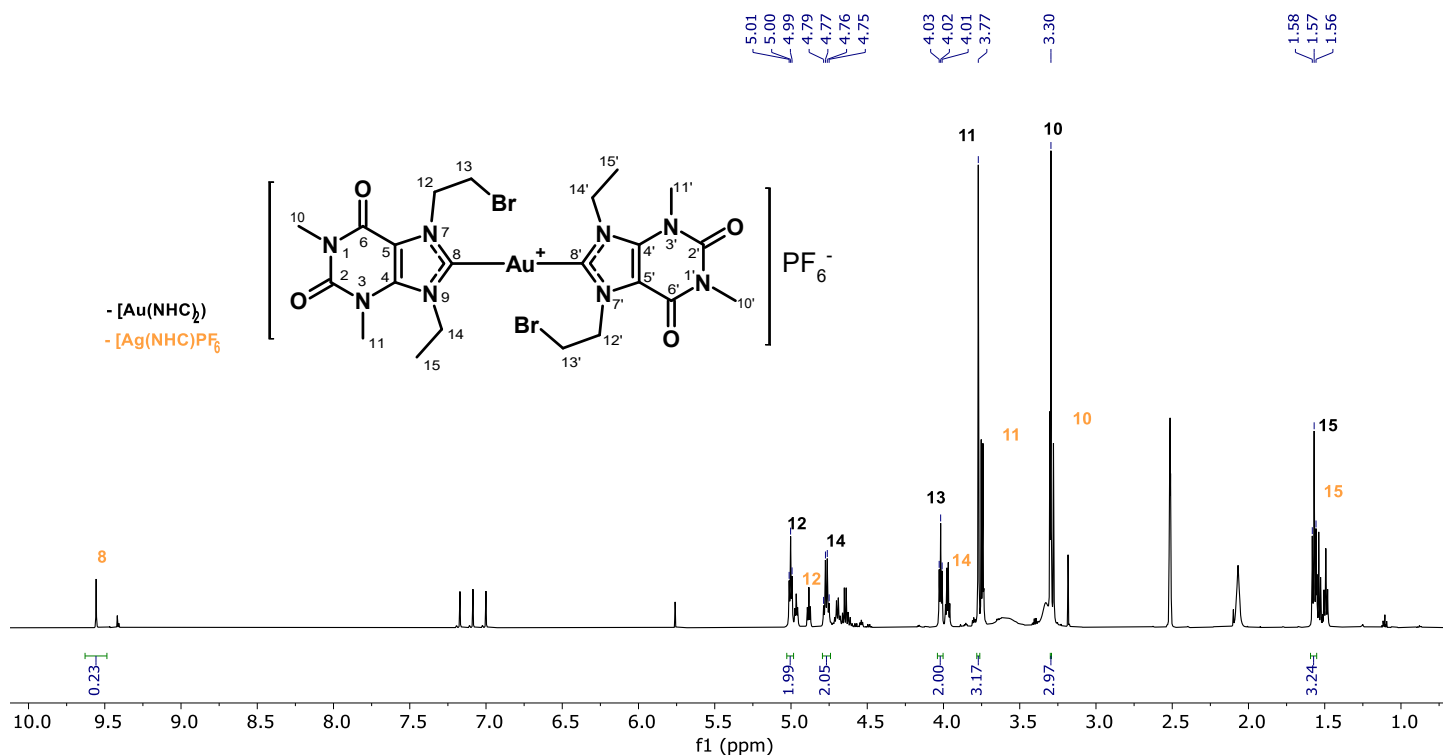
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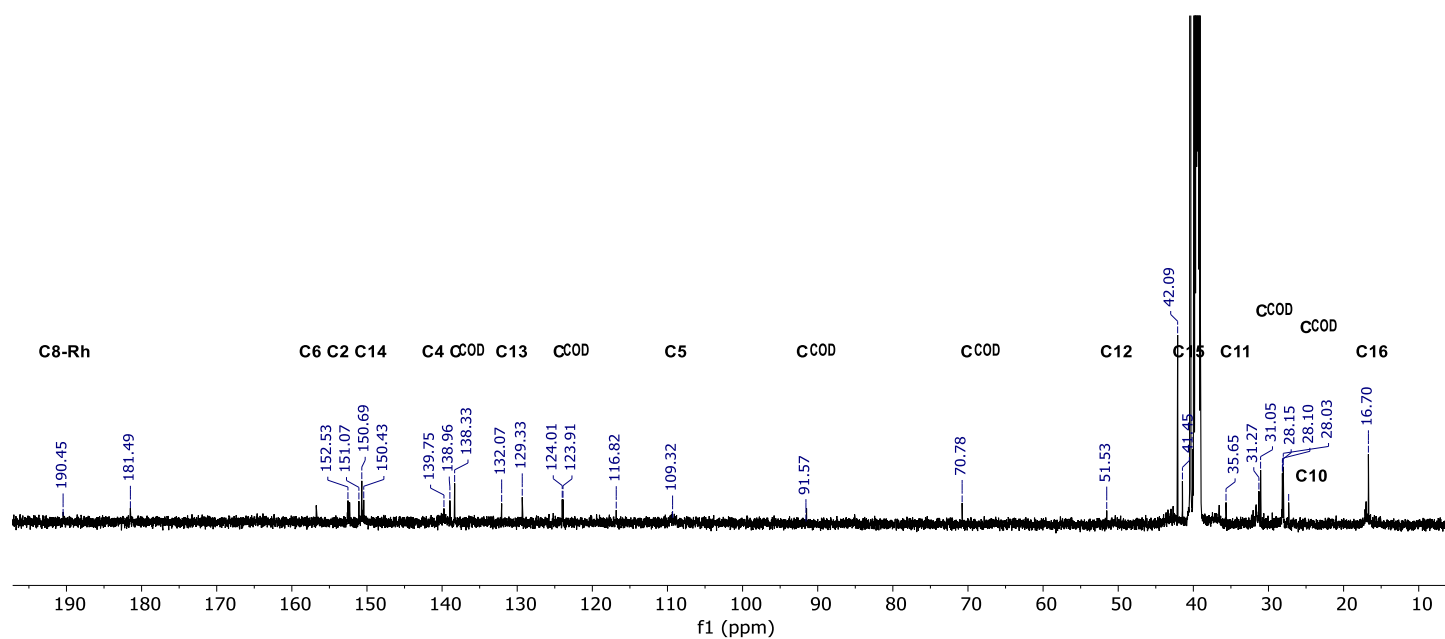
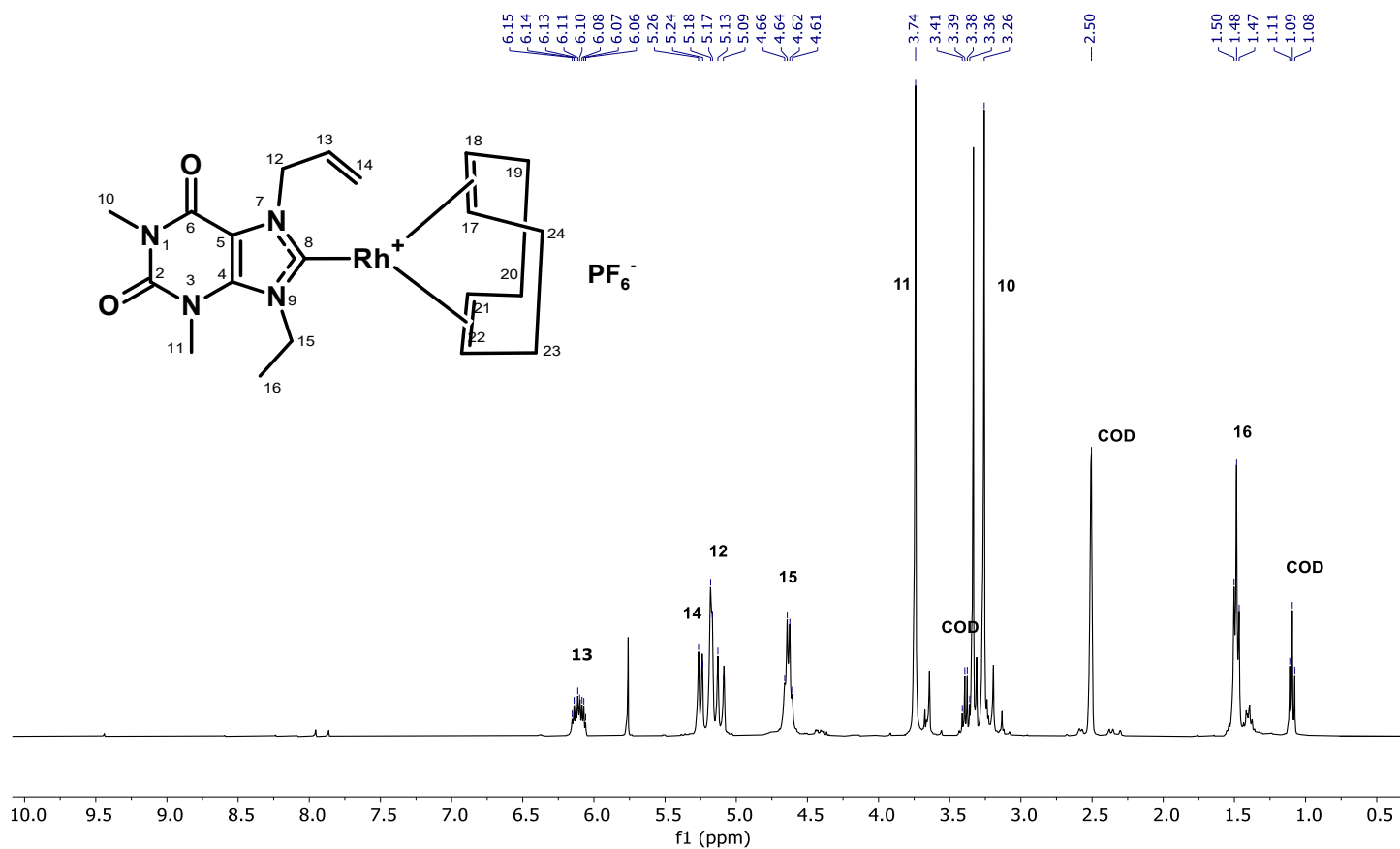
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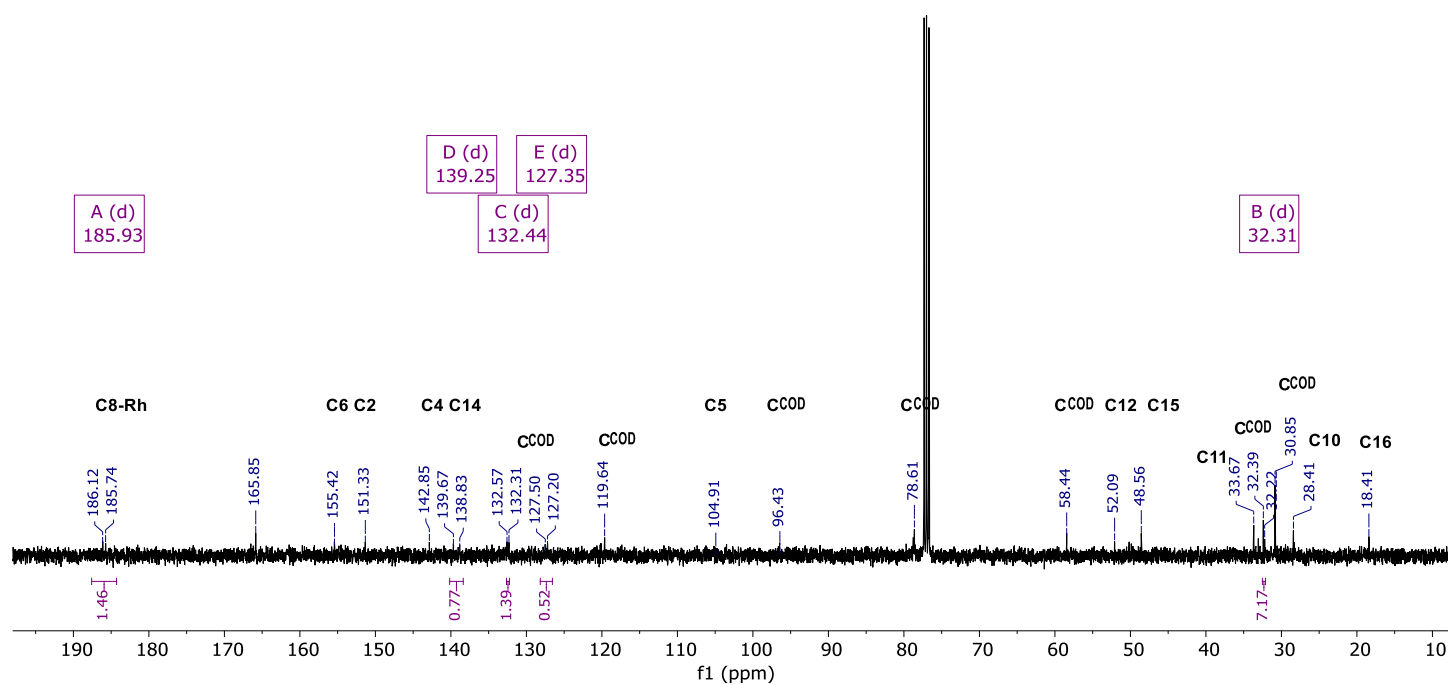
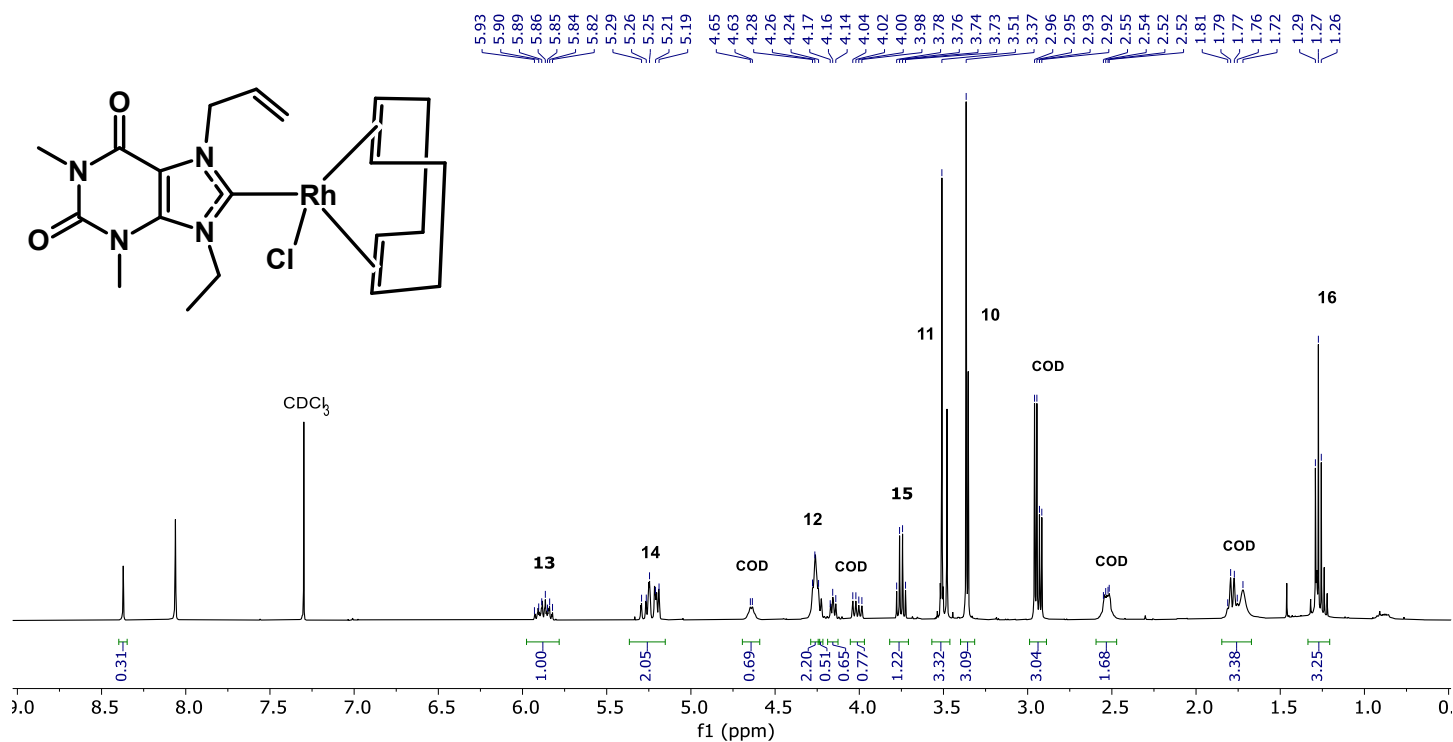
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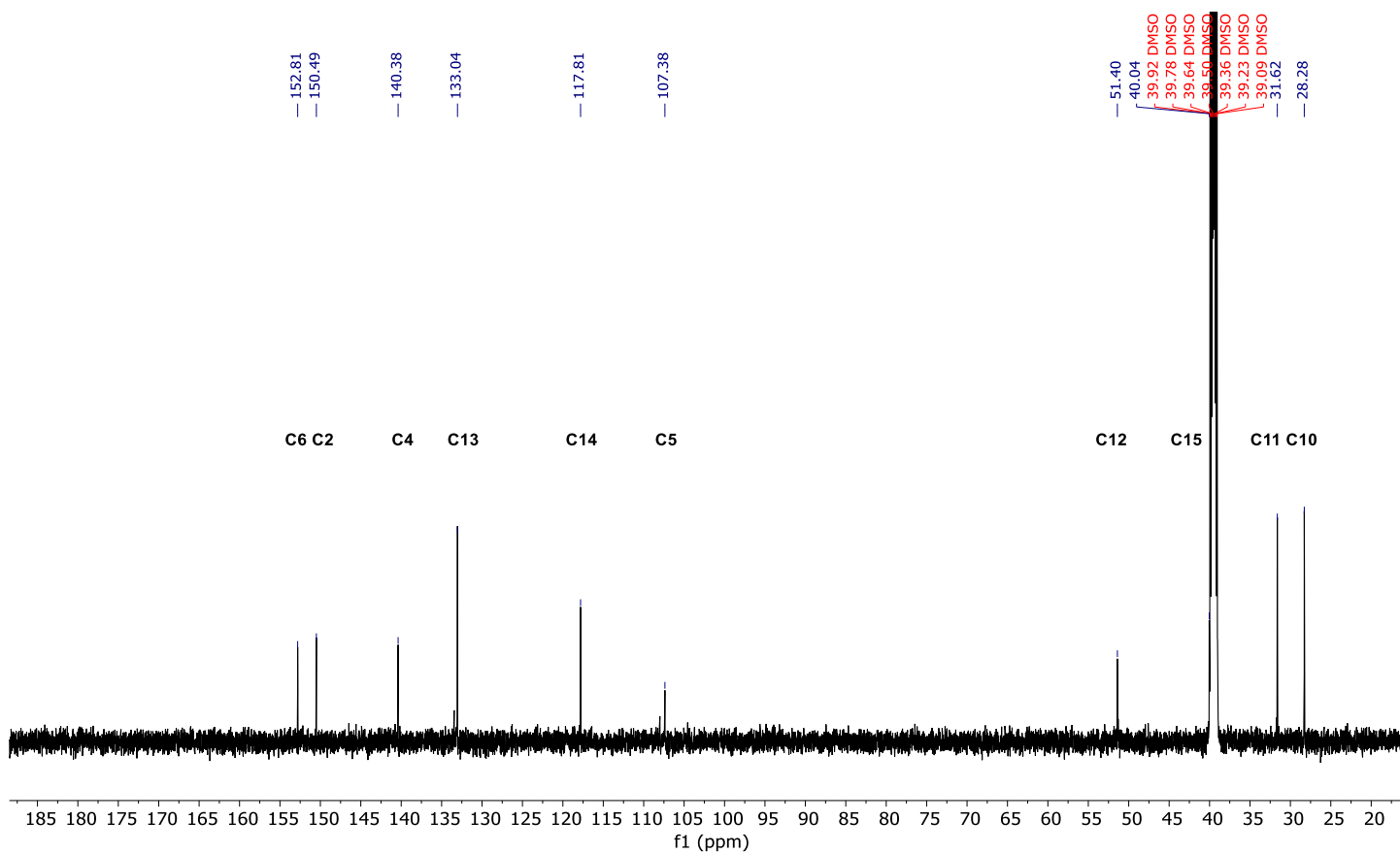
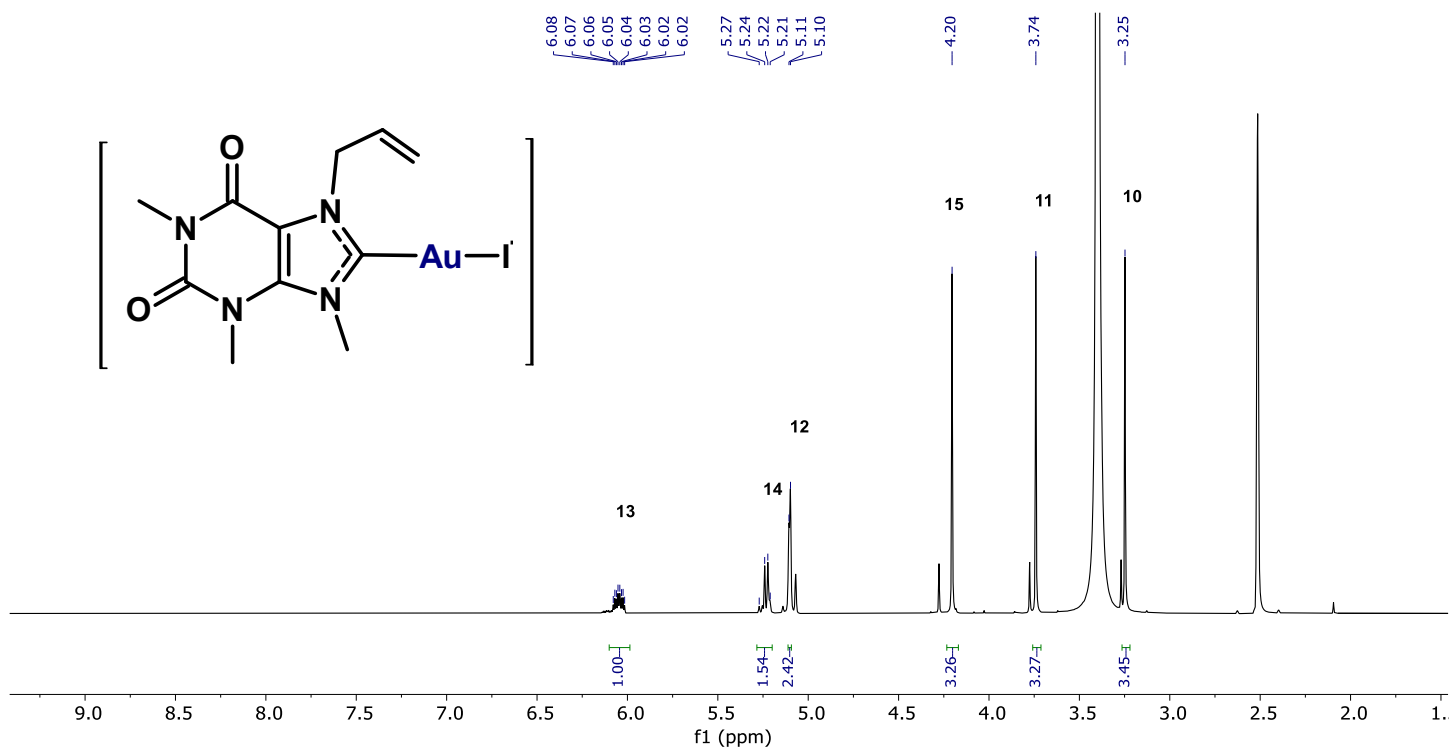
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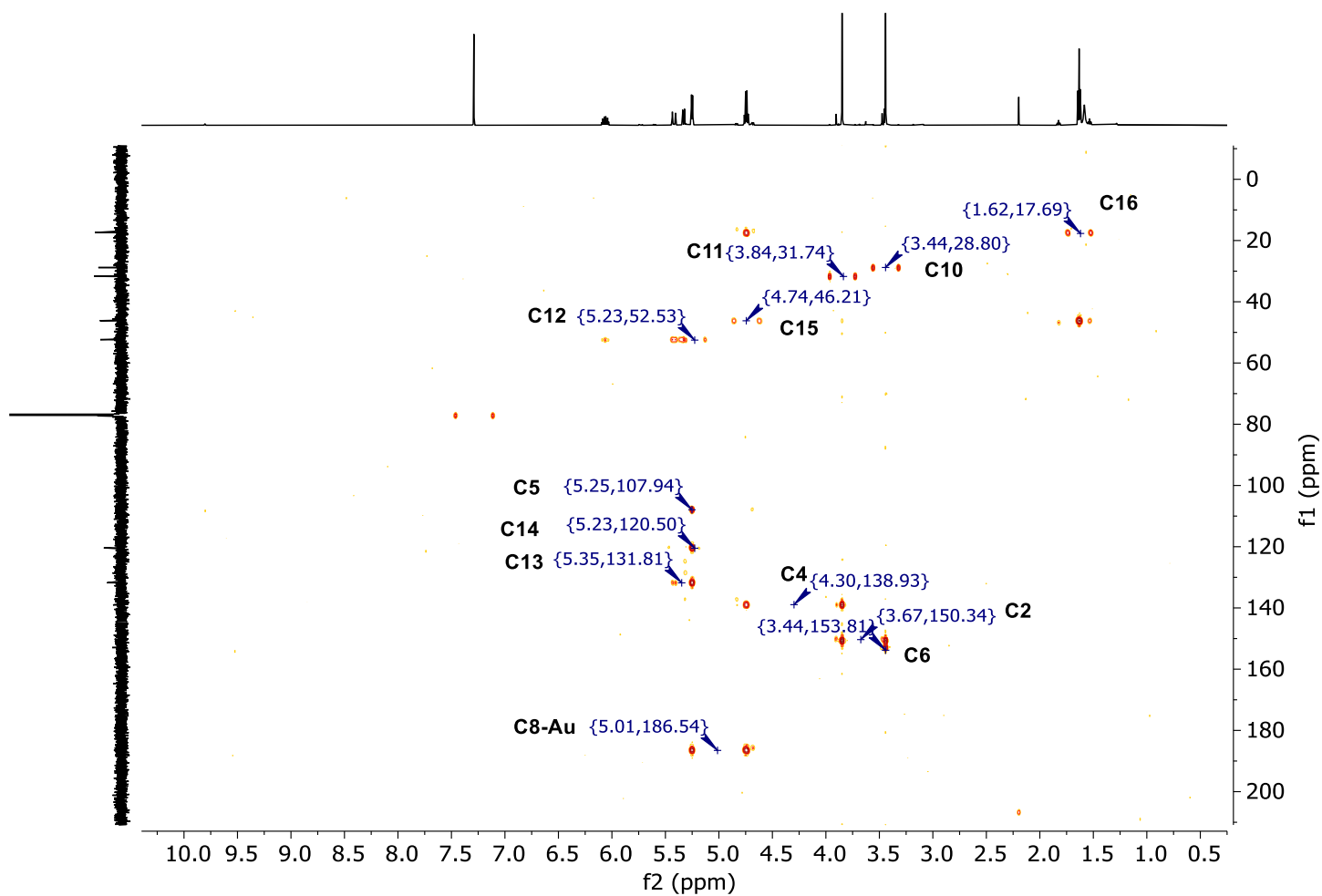
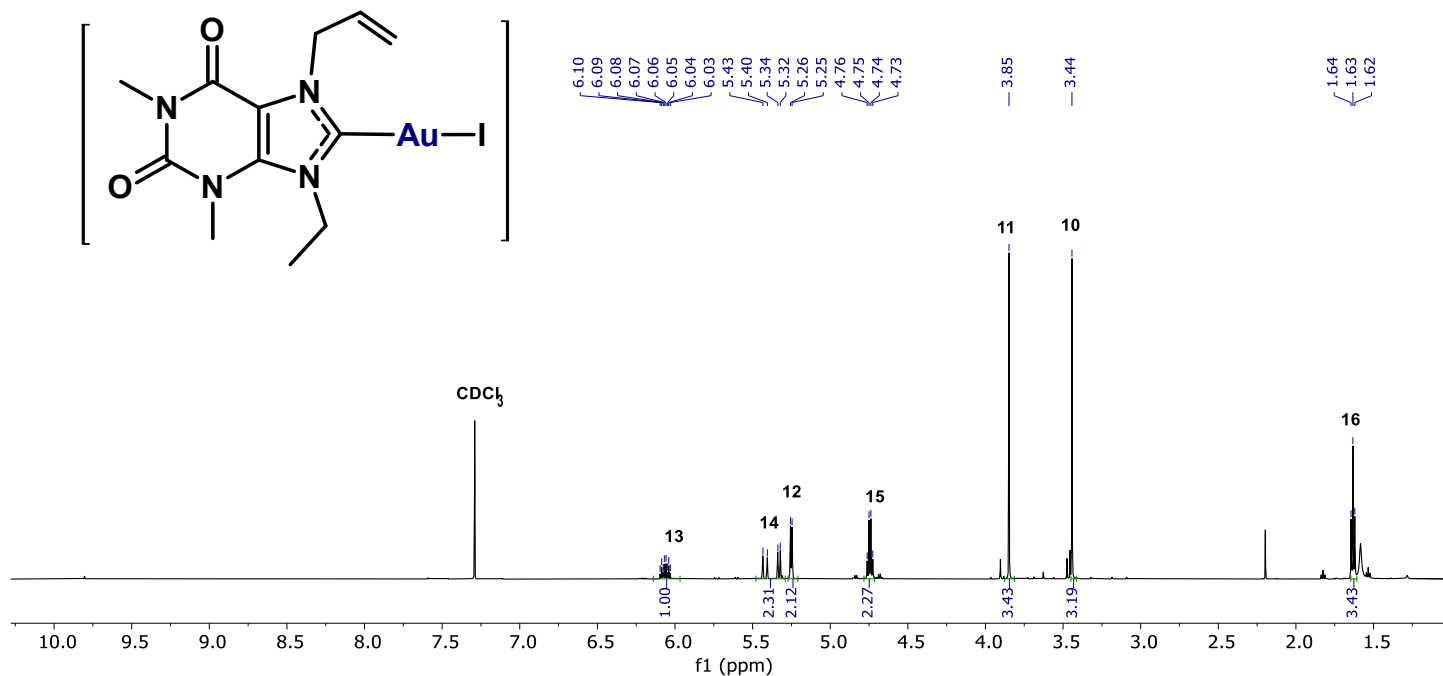
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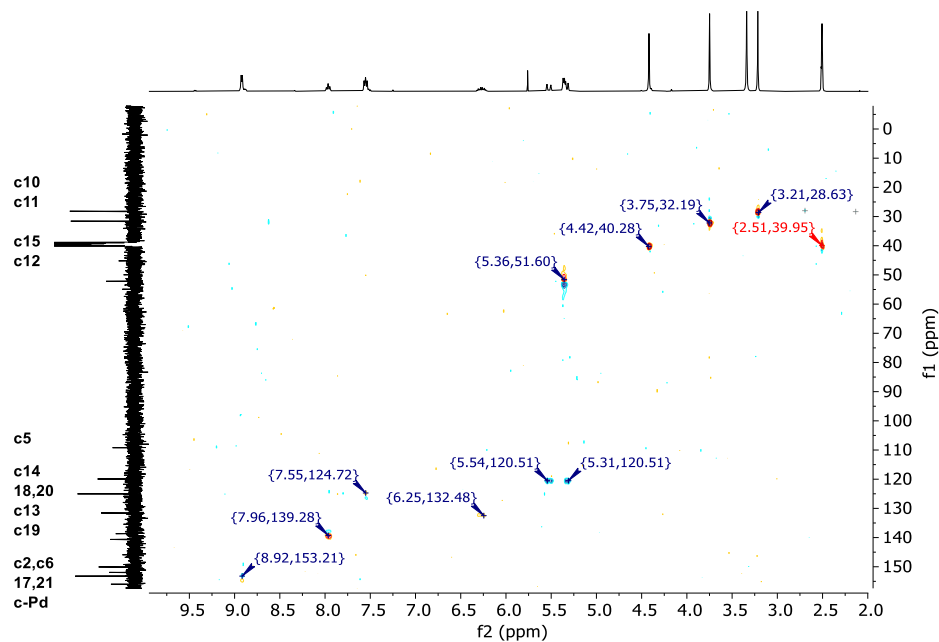
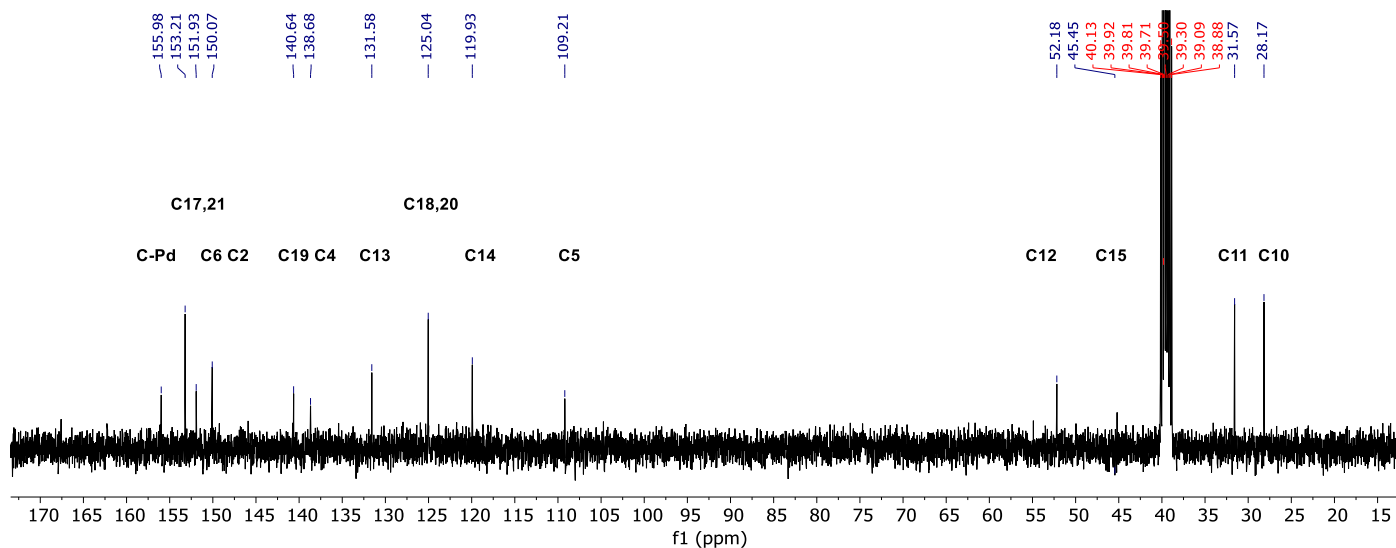
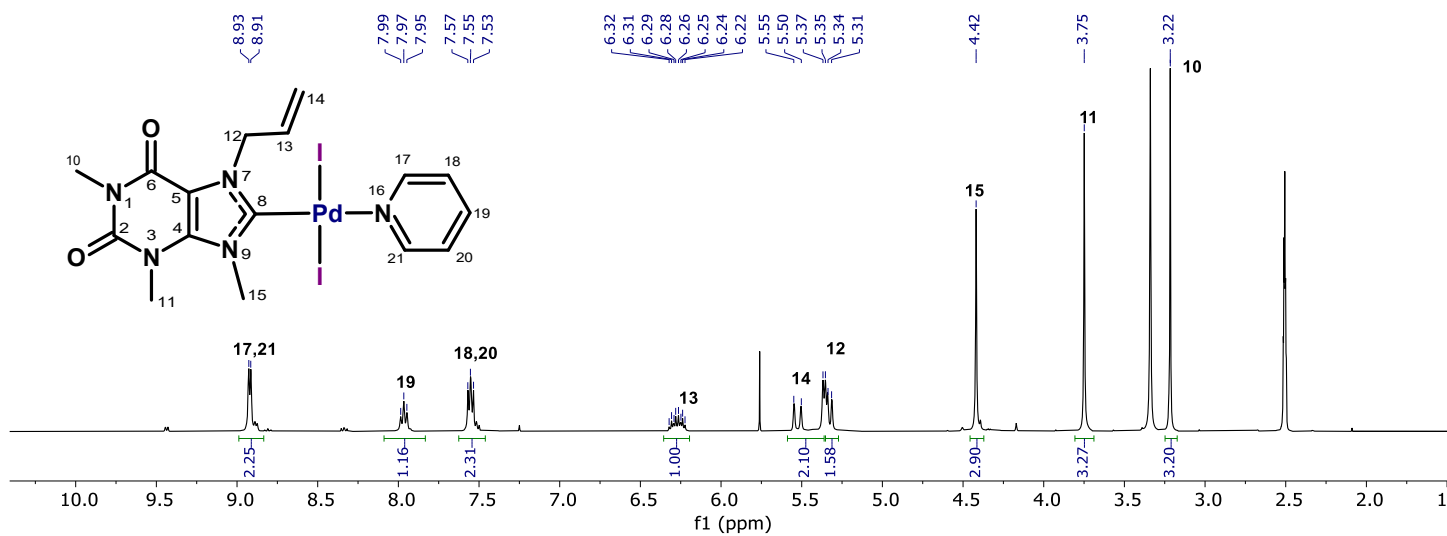
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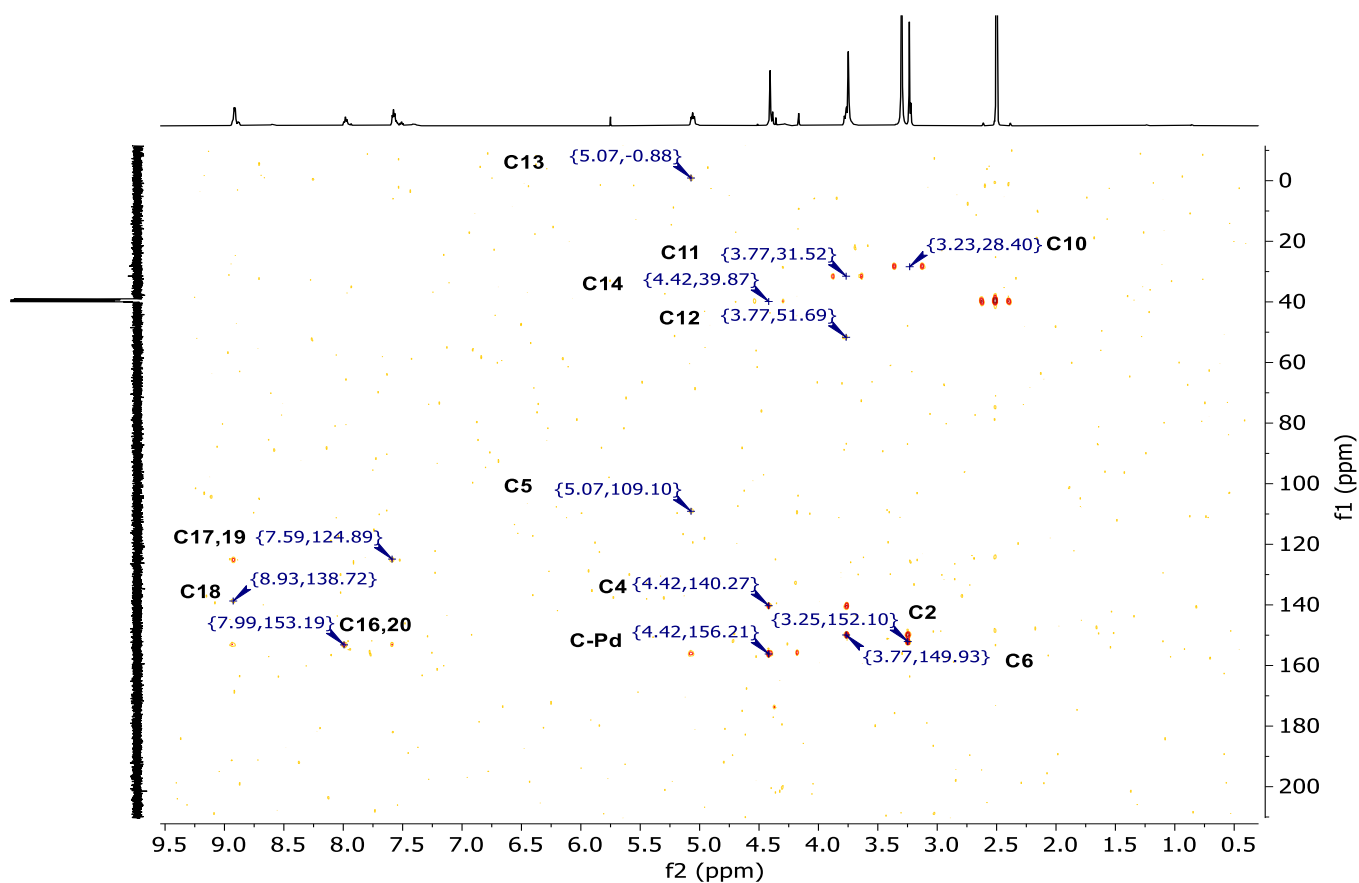
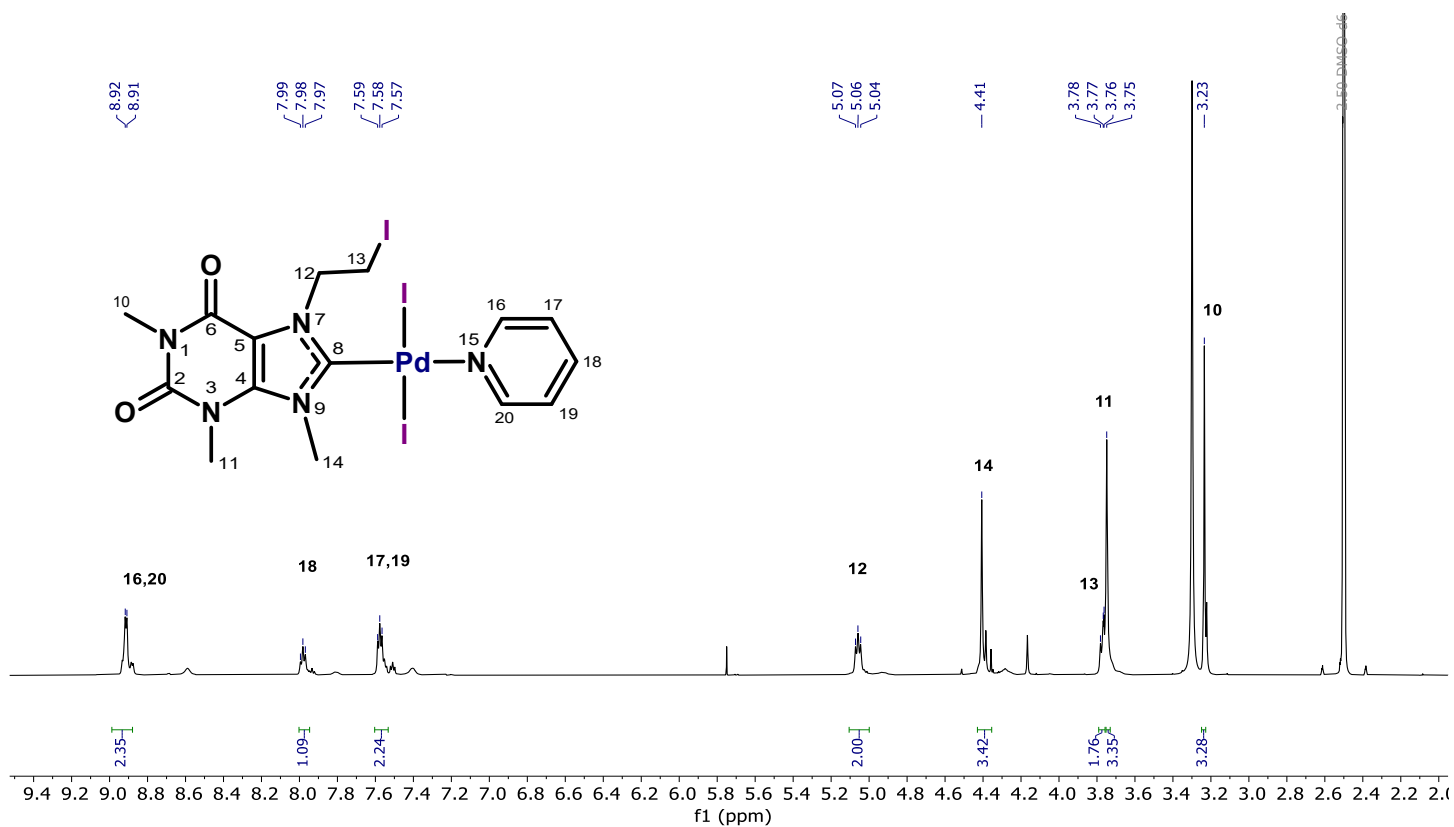
NMR Spectra of (Au5)



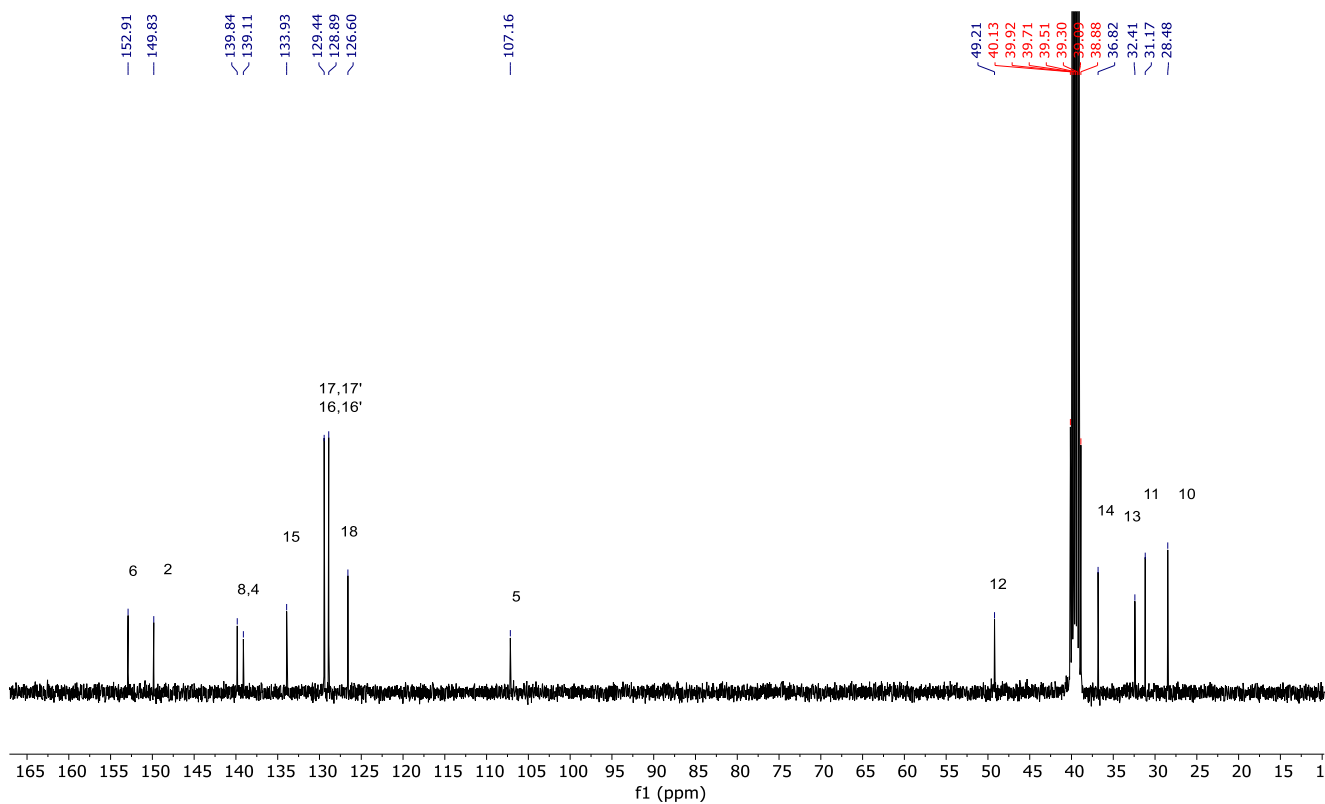
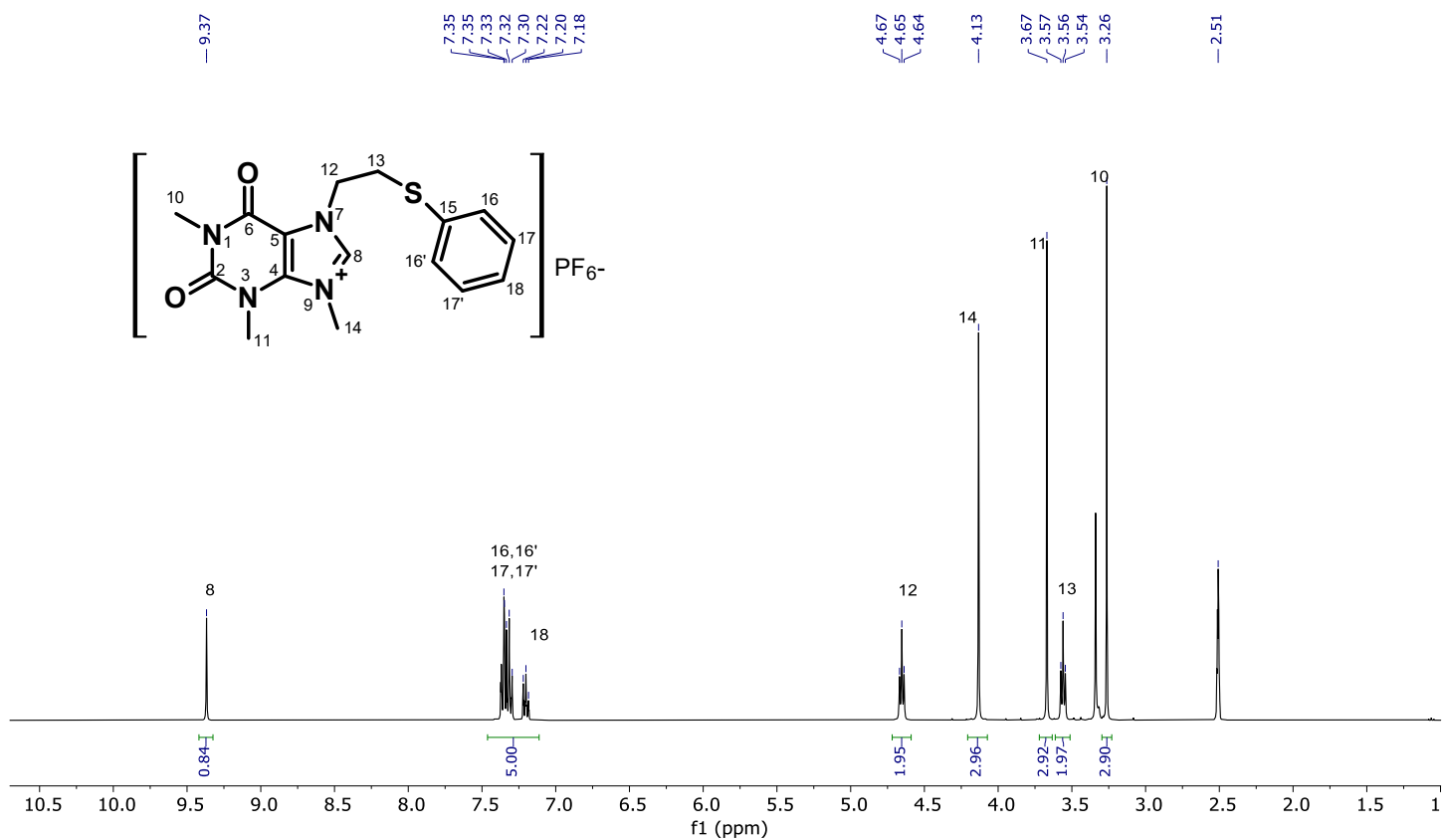
NMR Spectra of (Pd1)



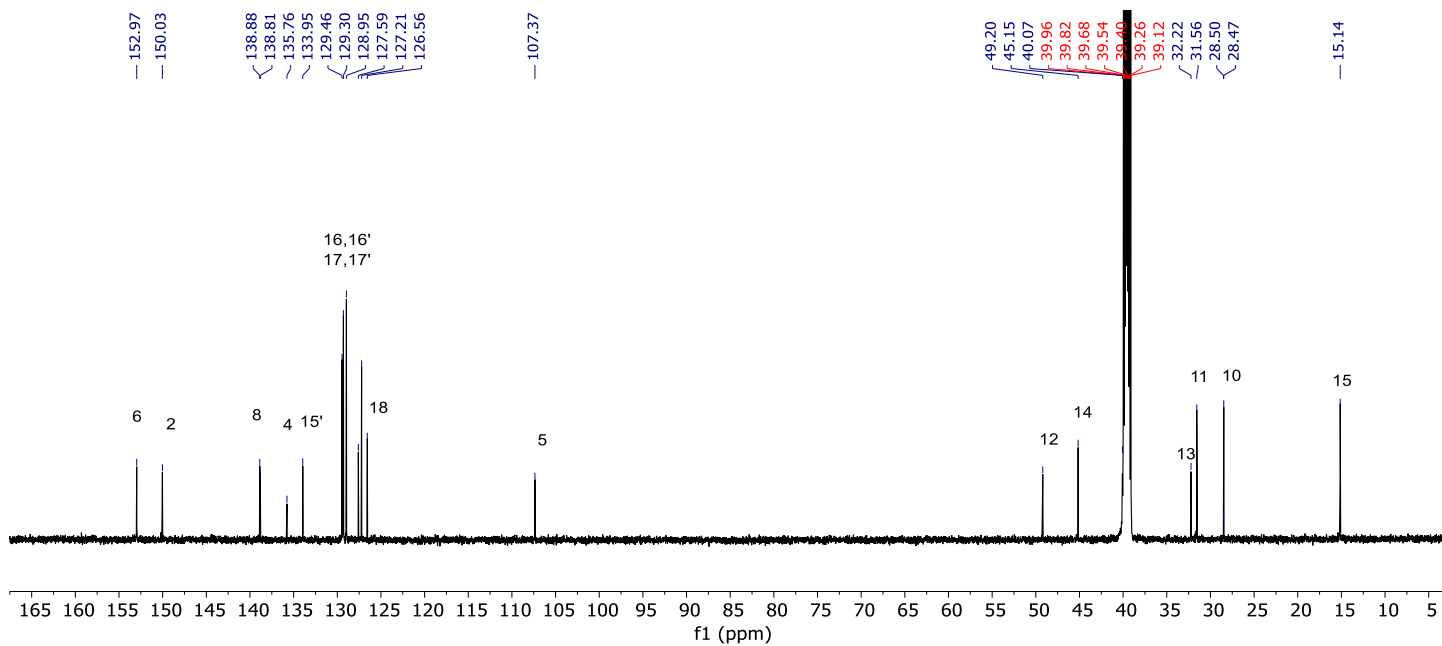
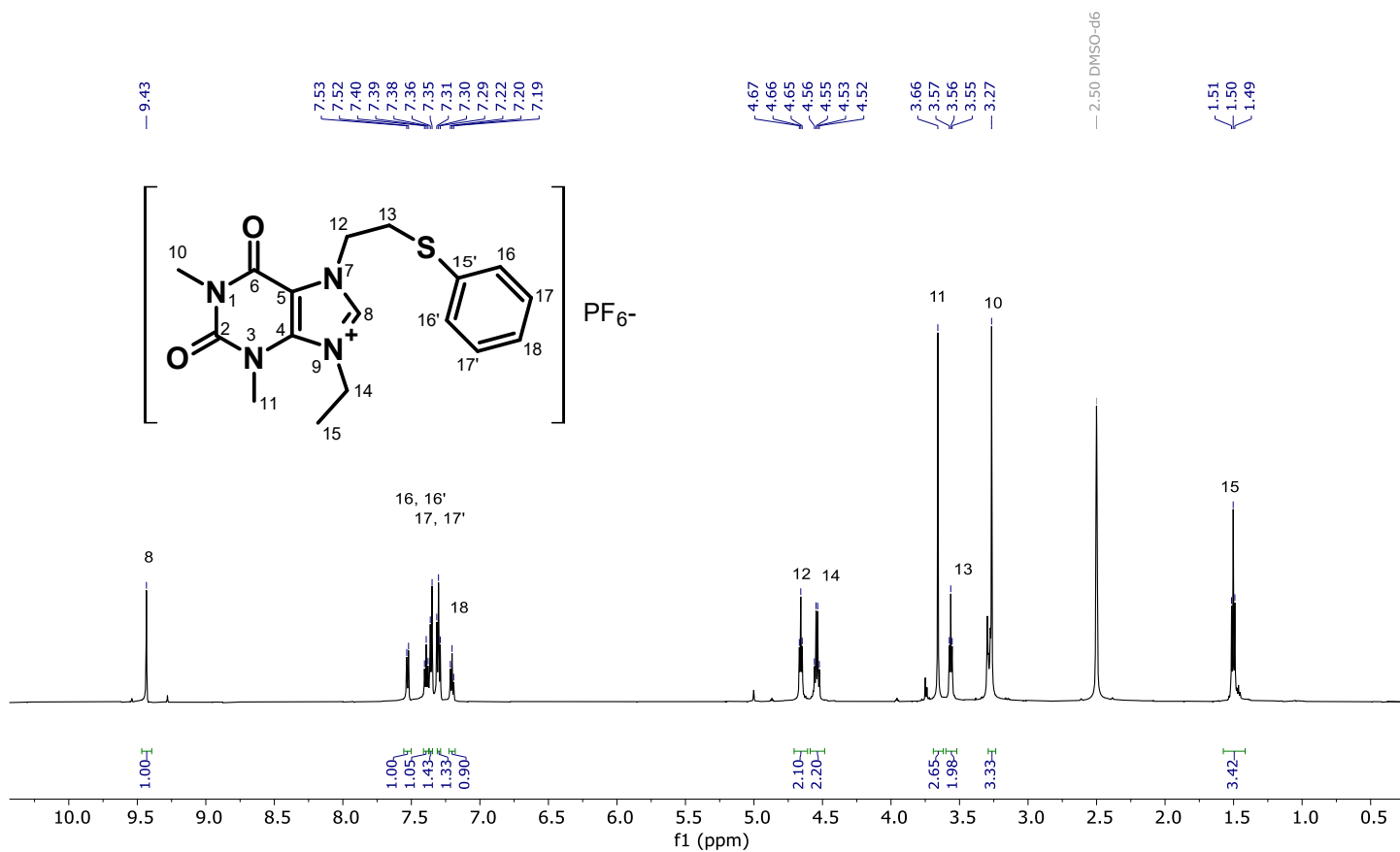
NMR Spectra of (Pd2)



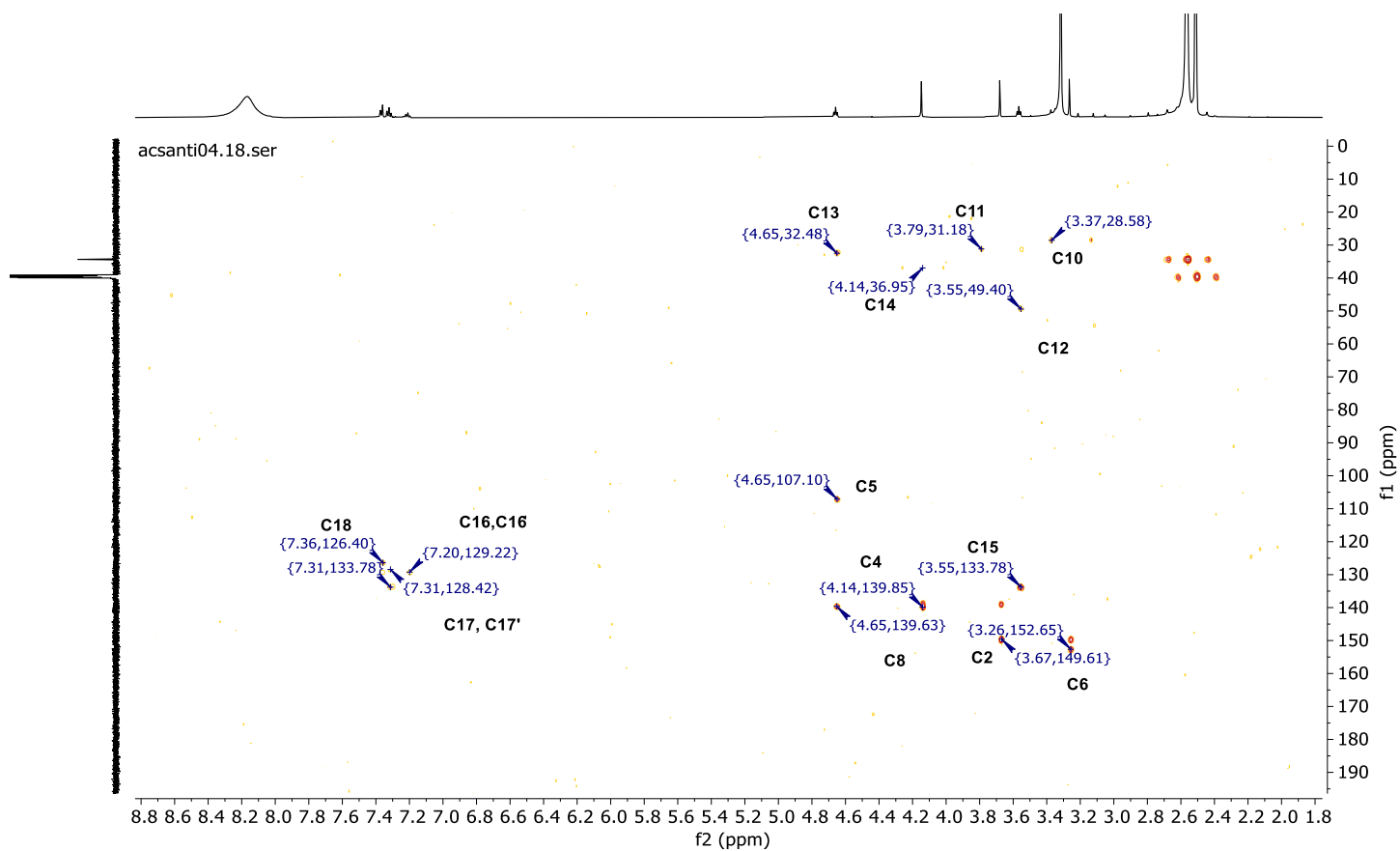
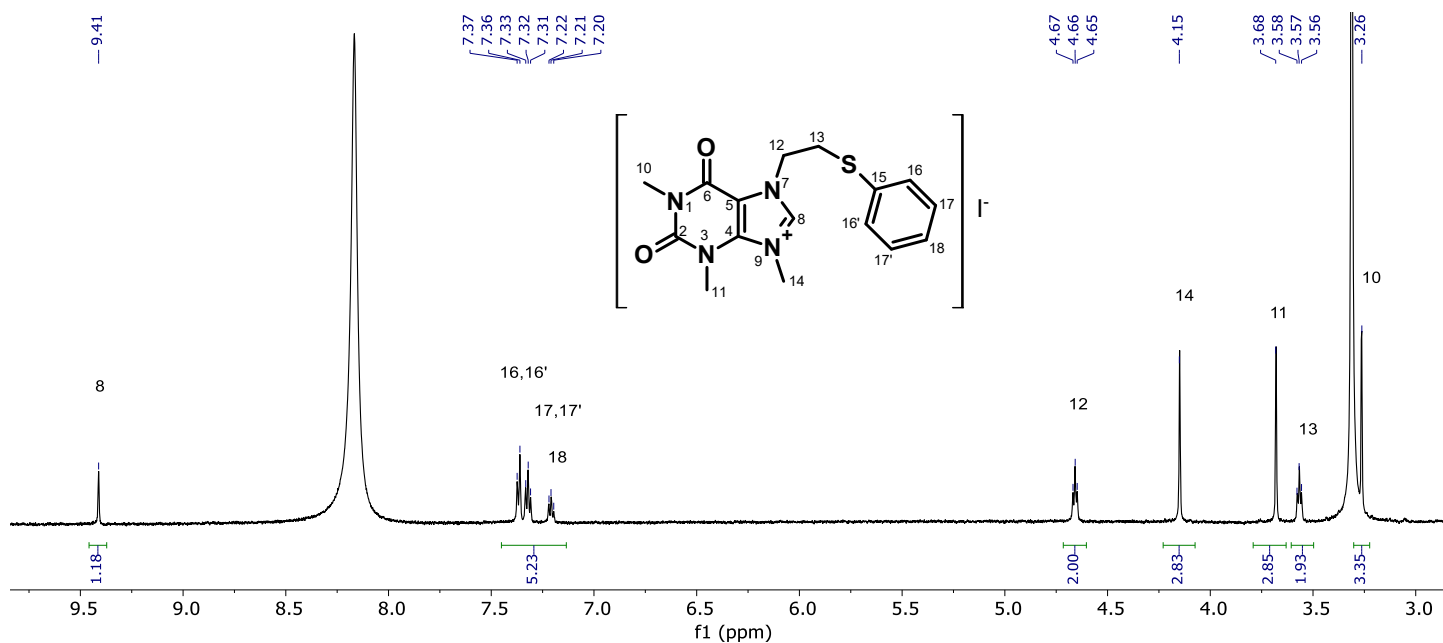
NMR Spectra of (T-1)



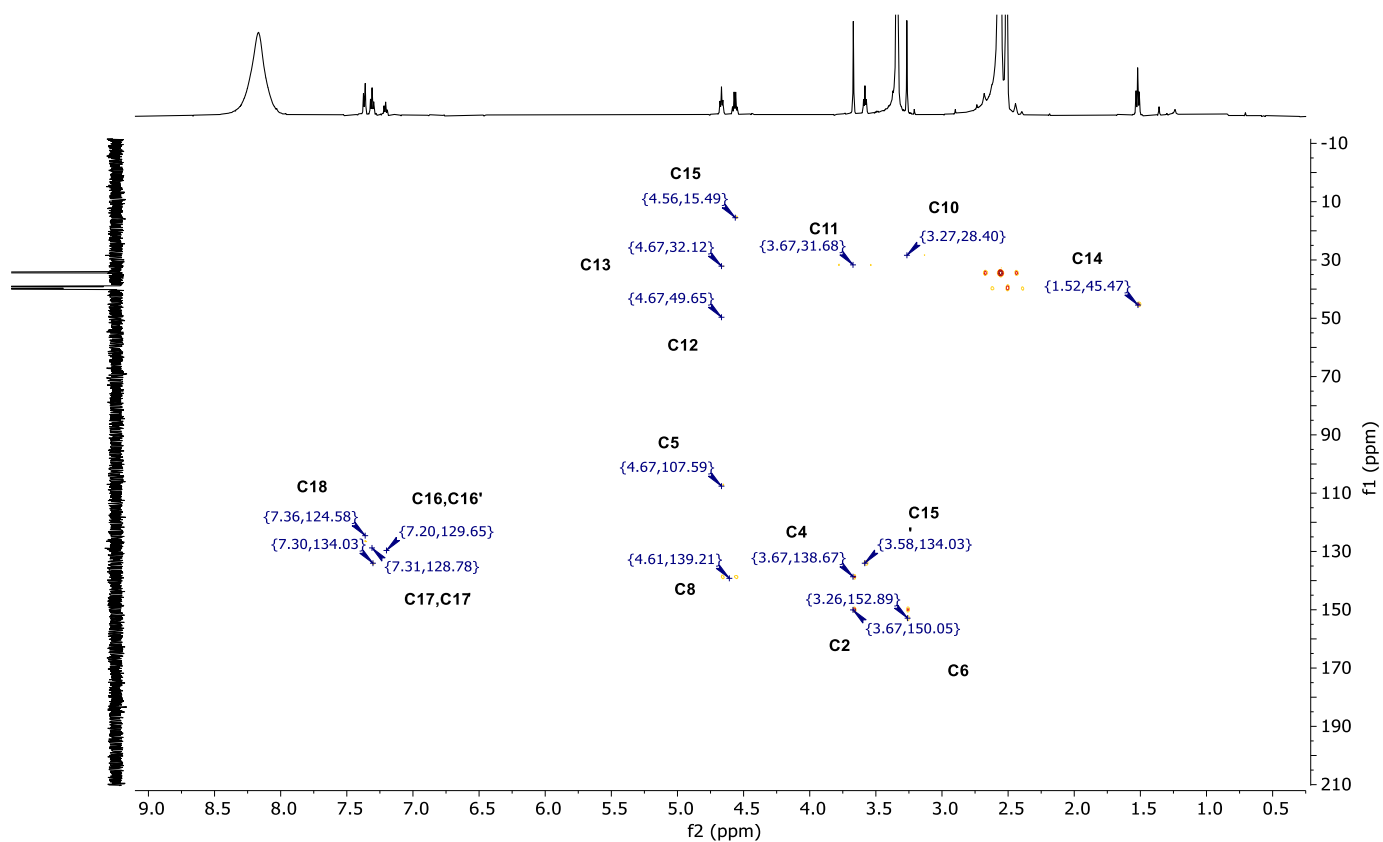
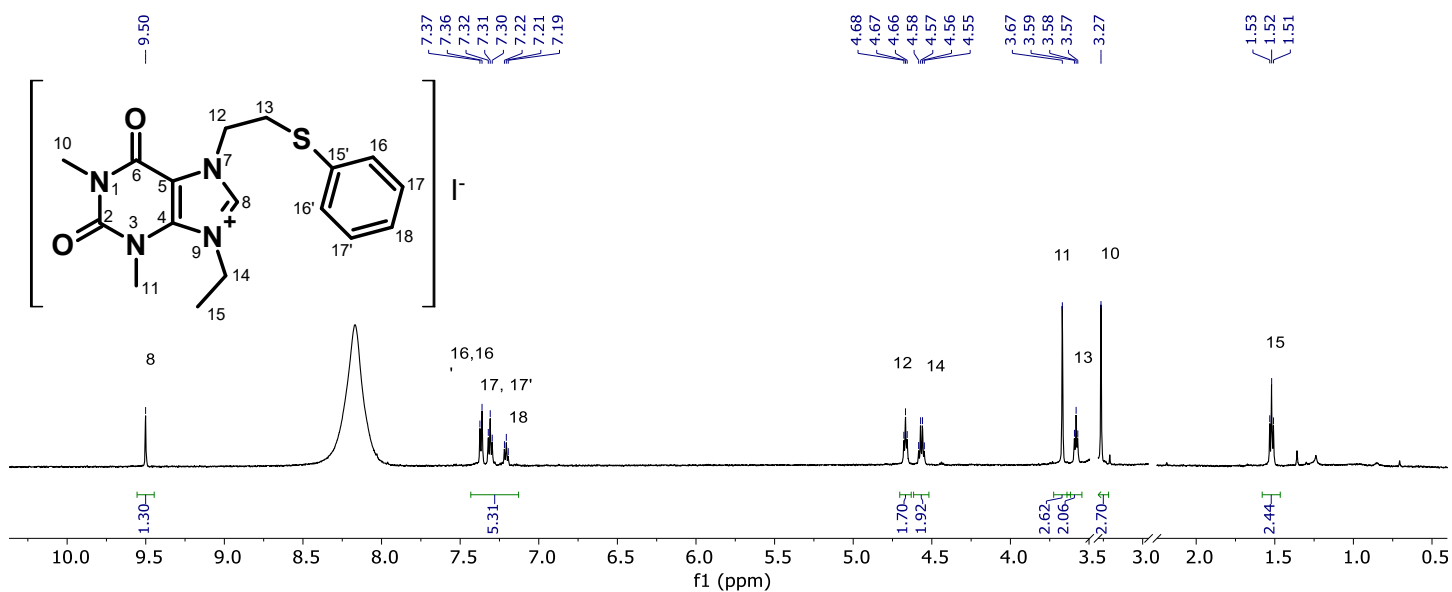
NMR Spectra of (T-2)



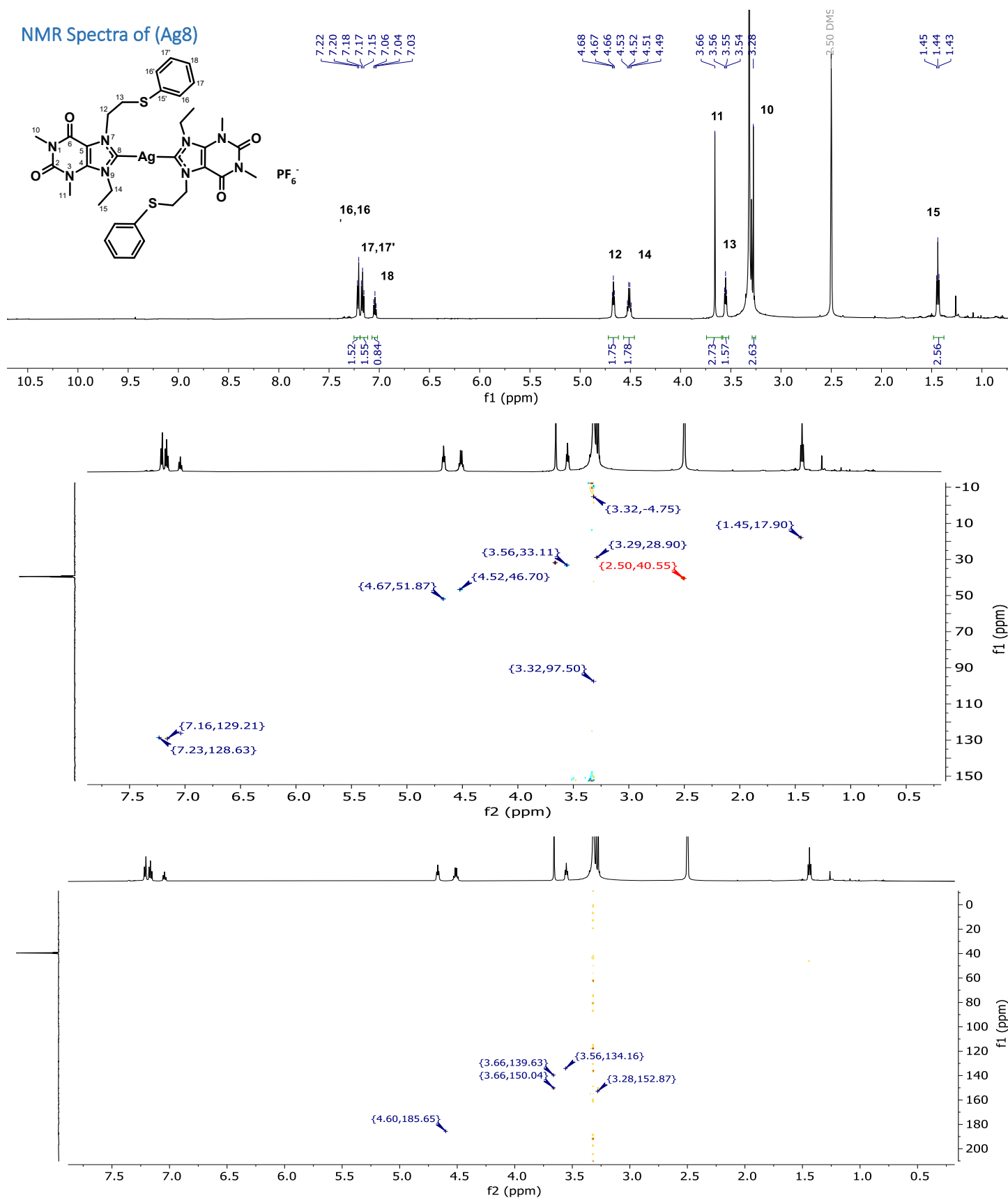
NMR Spectra of (T-3)



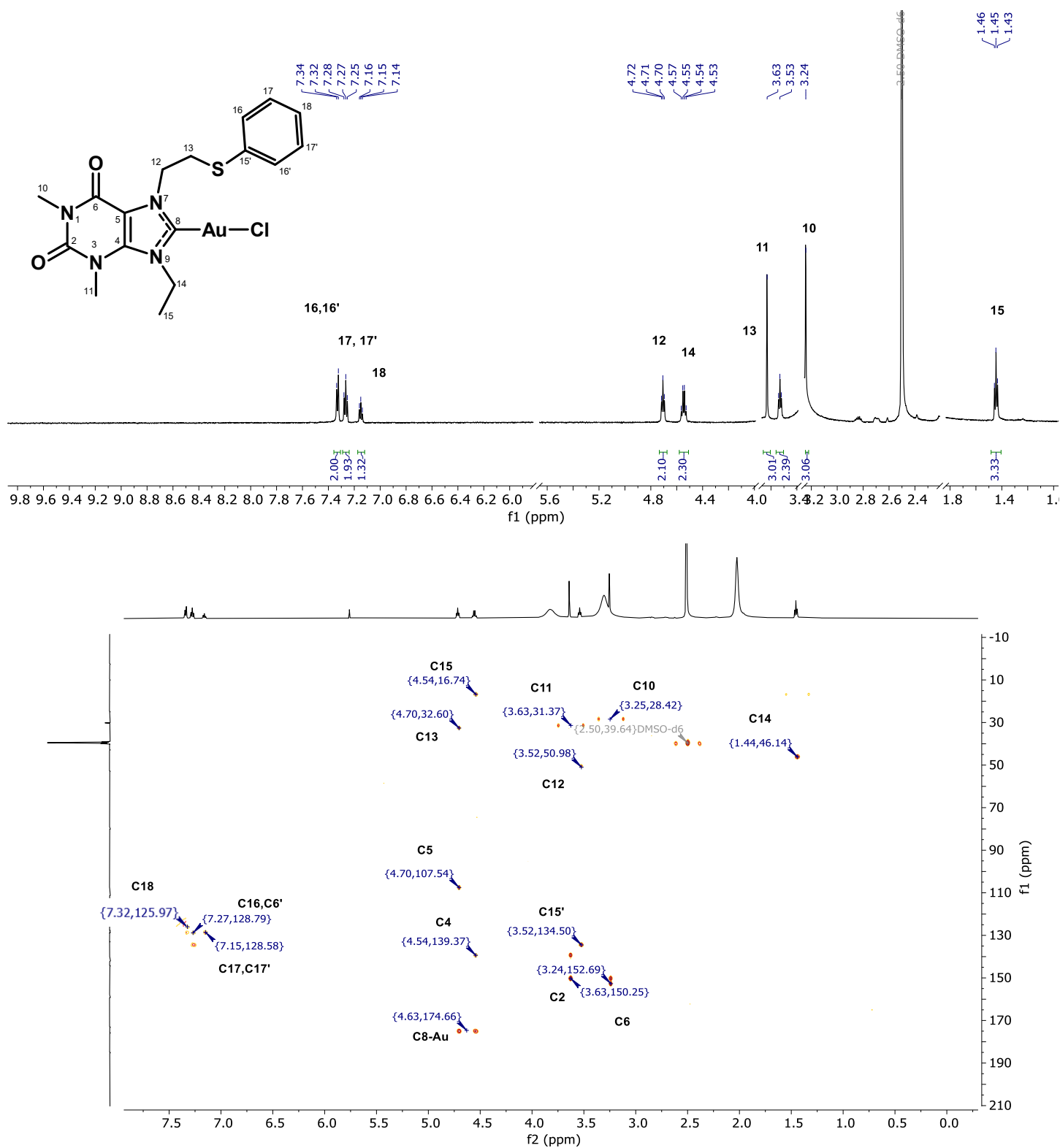
NMR Spectra of (T-4)



NMR Spectra of (Ag8)

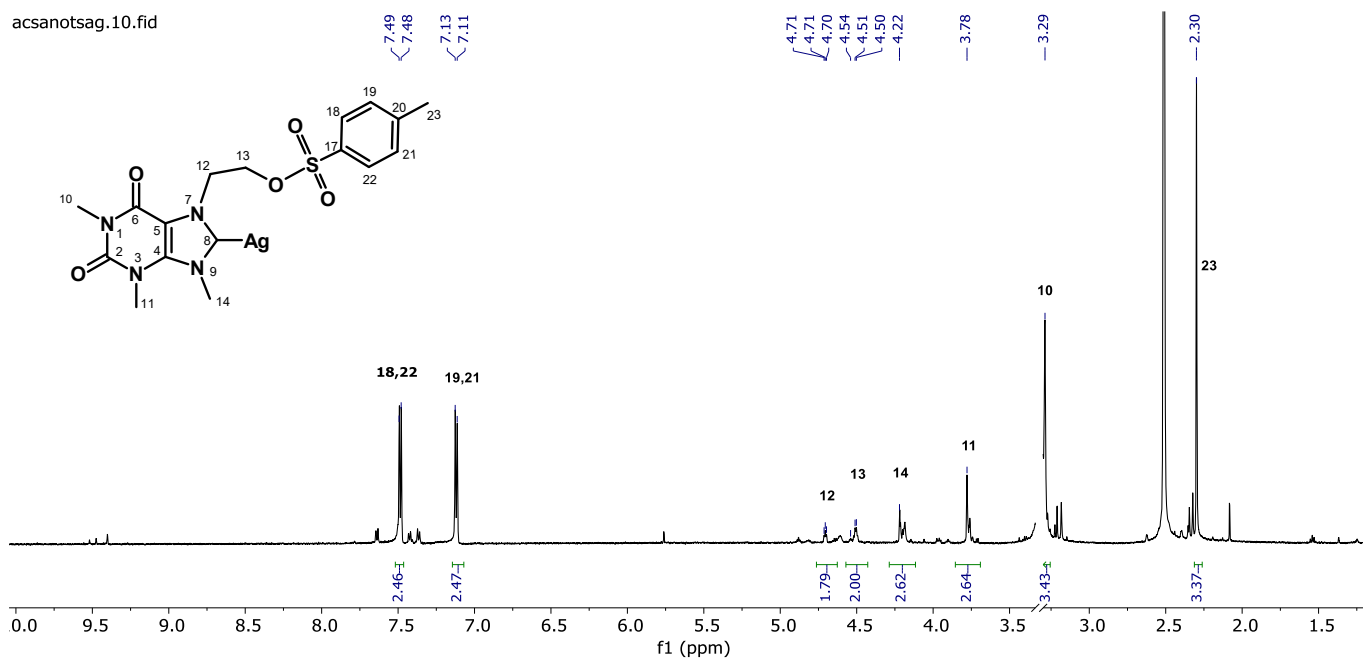


NMR Spectra of (Au6)

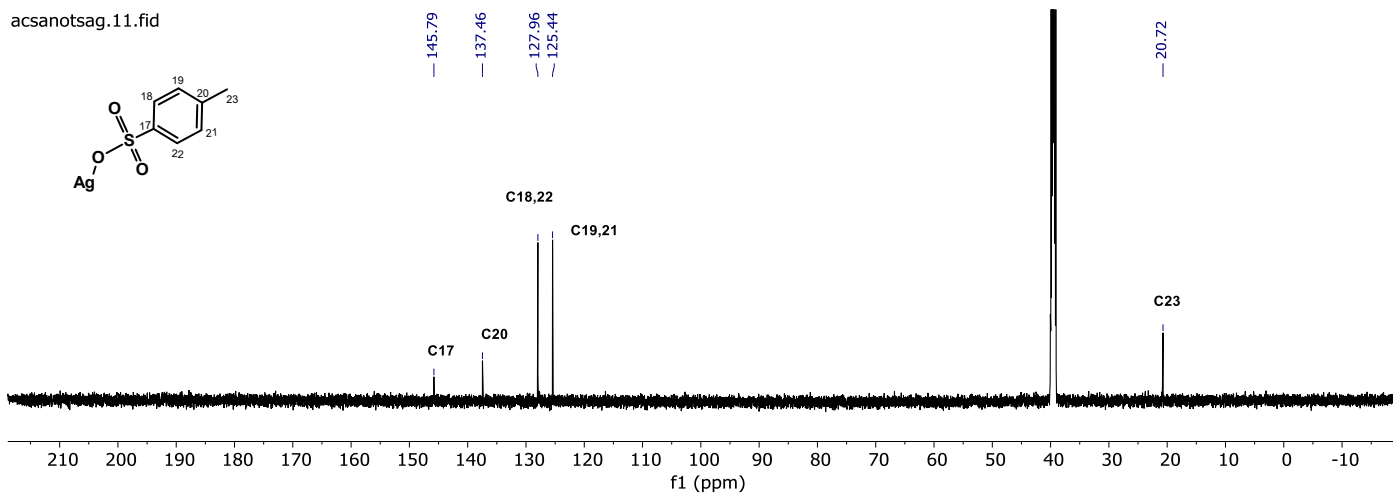


NMR Spectra of (Ag10)

acsanotsag.10.fid



acsanotsag.11.fid



acsanotsag.12.fid

