

Electronic Supplementary Information

Perfluoroalkylation of Aryl-*N,N*-dimethyl Hydrazones Using Hypervalent Iodine (III) Reagents or Perfluoroalkyl Iodides

Benjamin Janhsen and Armido Studer*

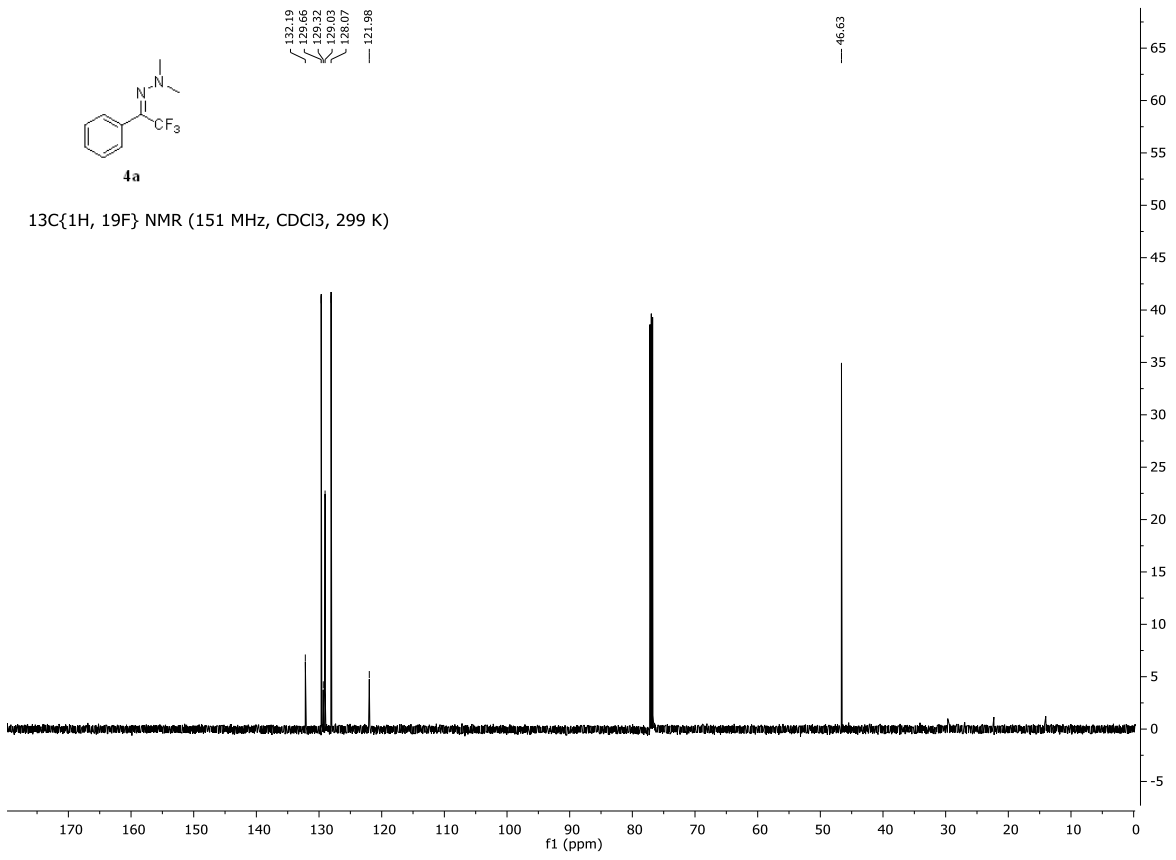
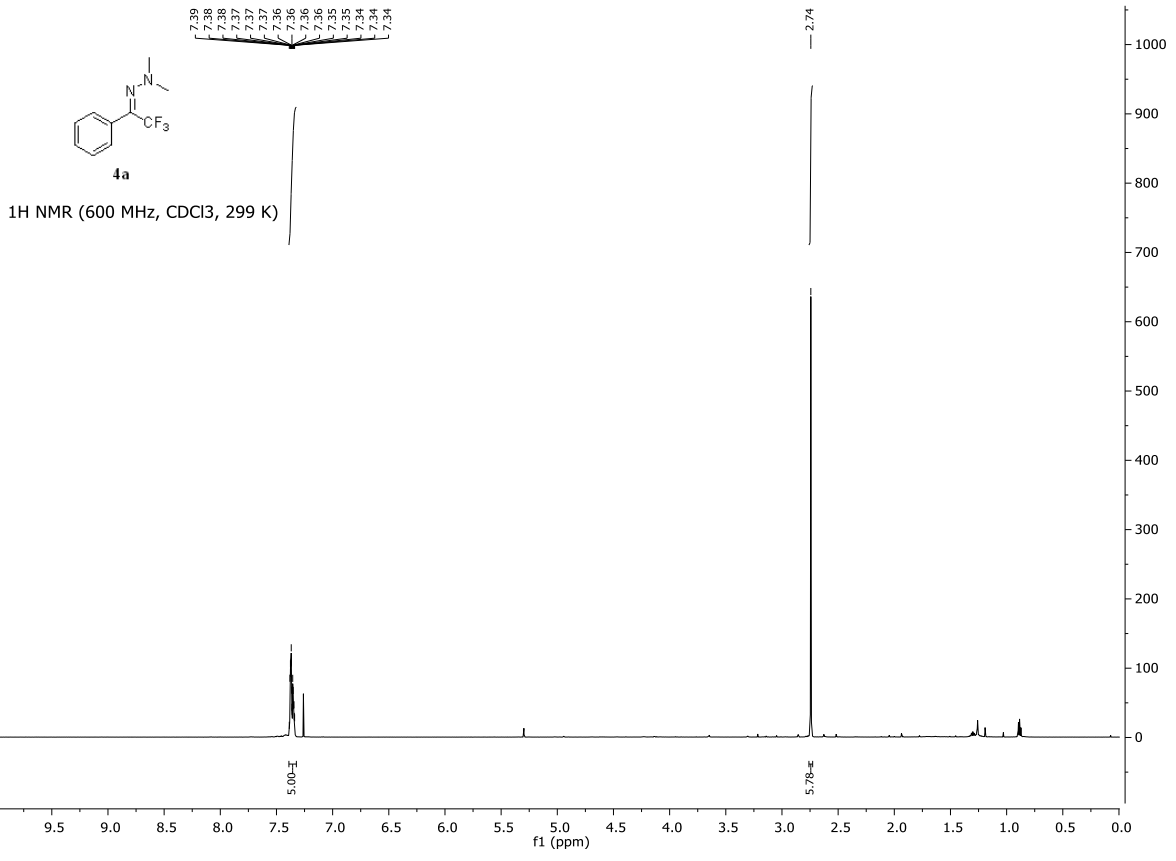
Organisch Chemisches Institut, Westfälische Wilhelms-Universität Münster, Corrensstraße 40, 48149, Münster

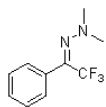
studer@uni-muenster.de

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NMR Spectra	S1
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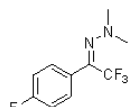
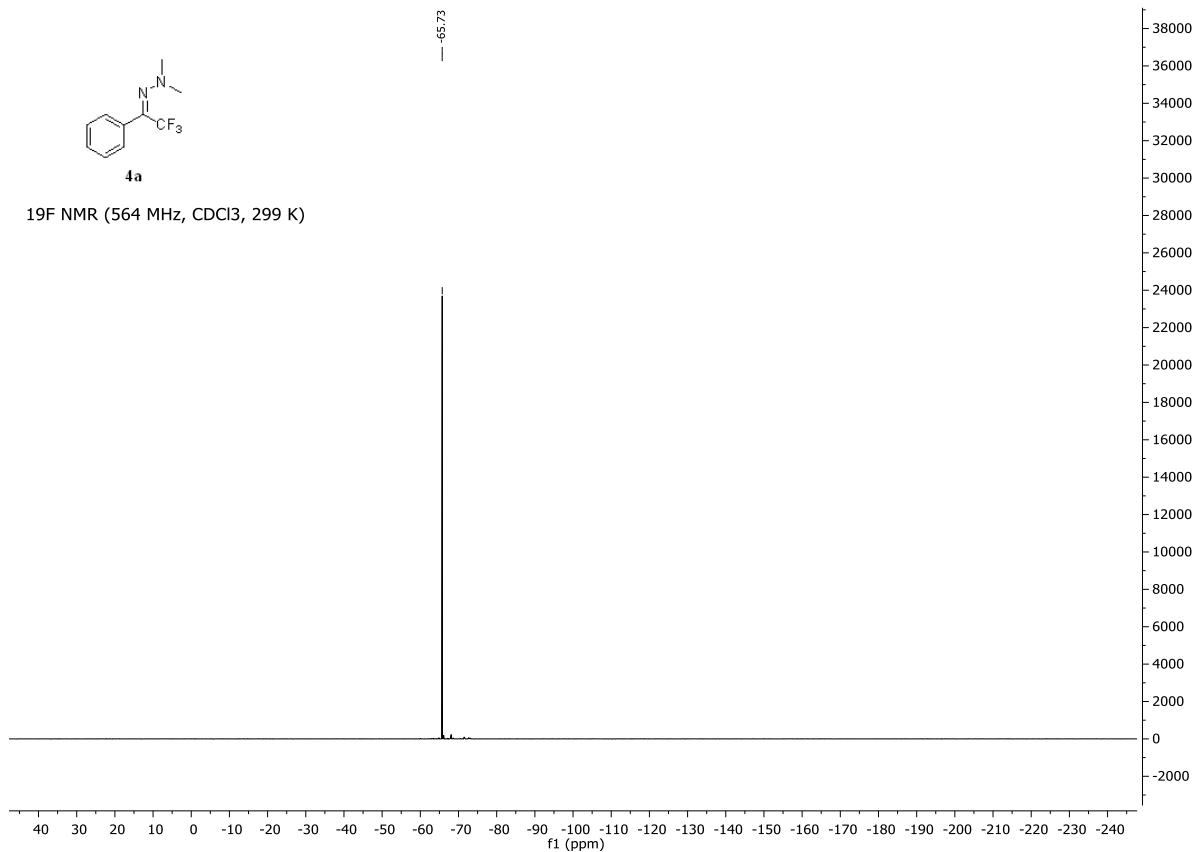
NMR Spectra





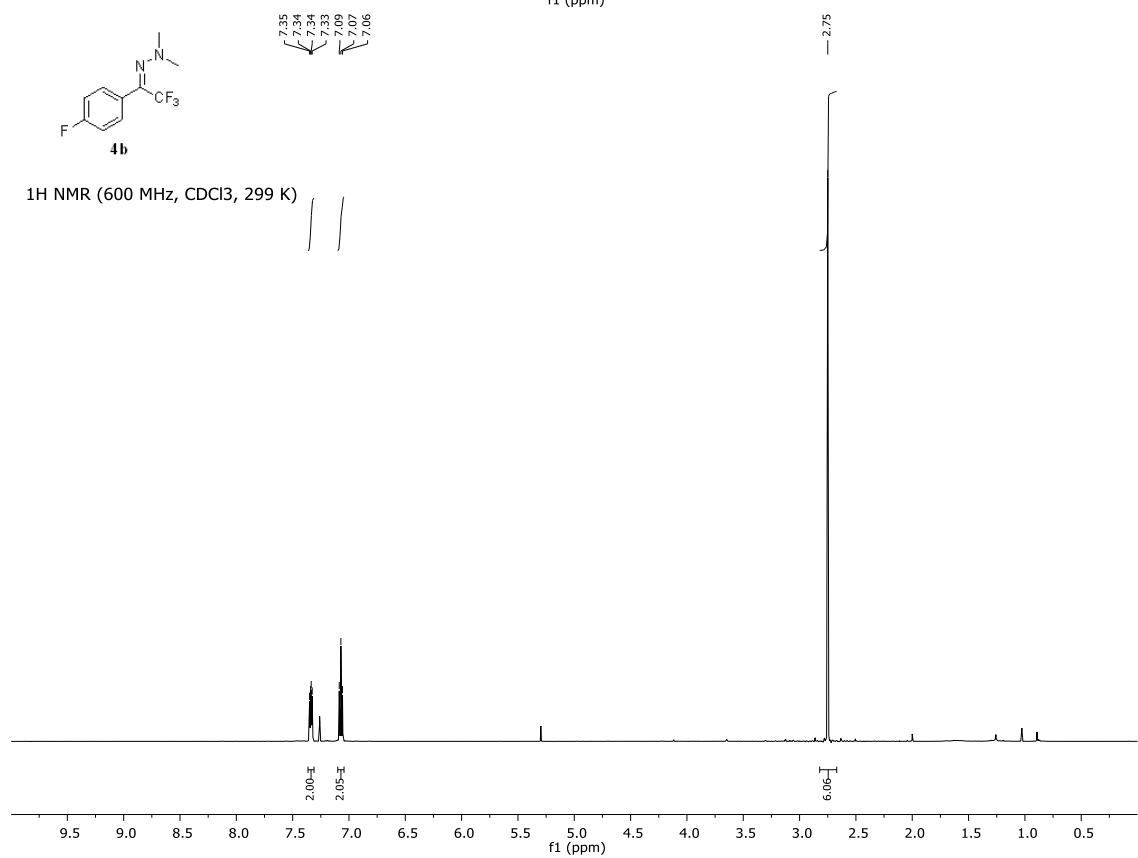
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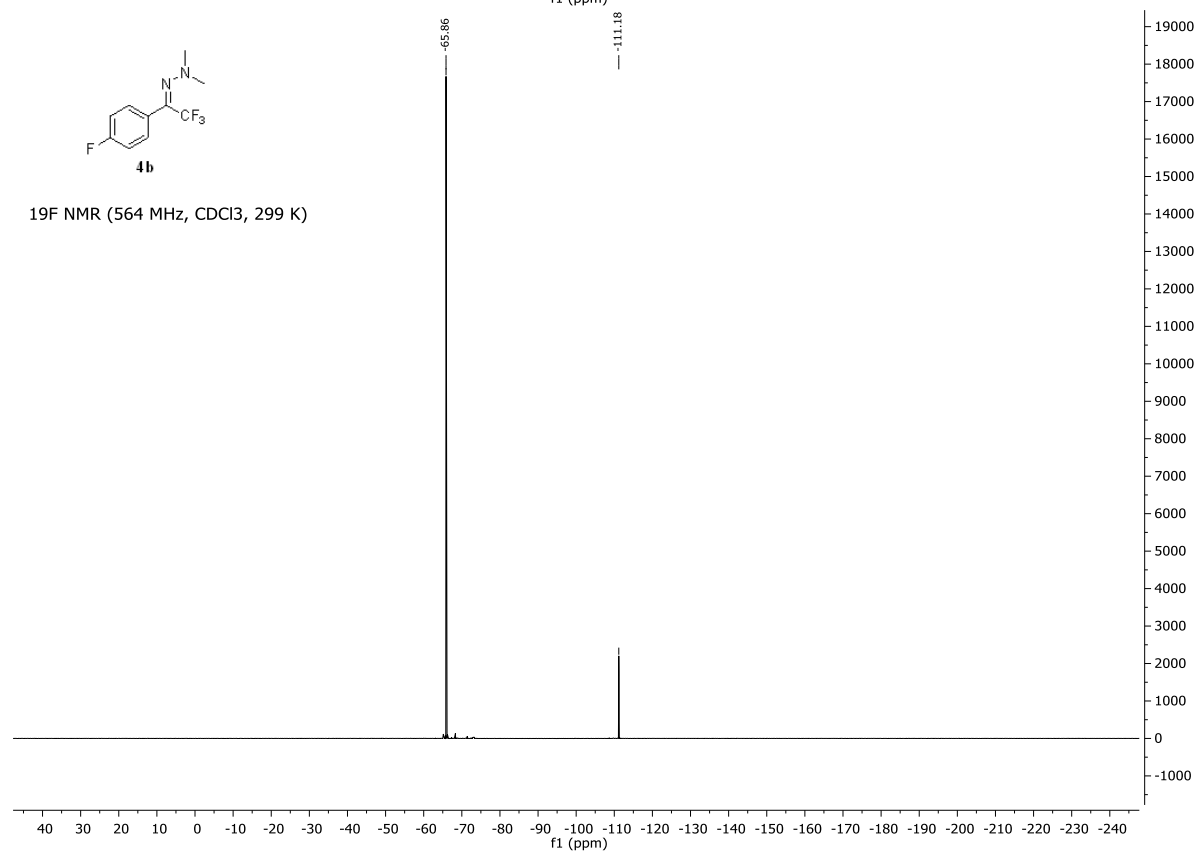
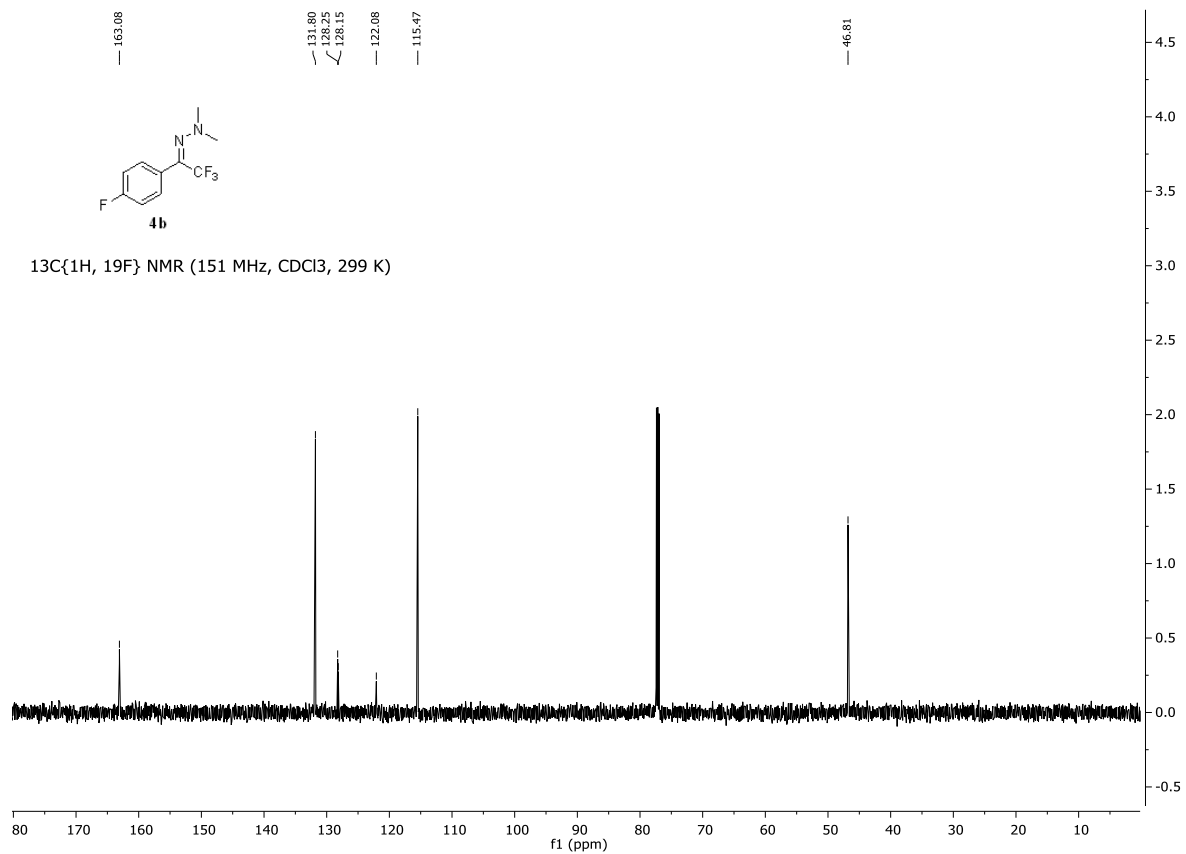
19F NMR (564 MHz, CDCl3, 299 K)

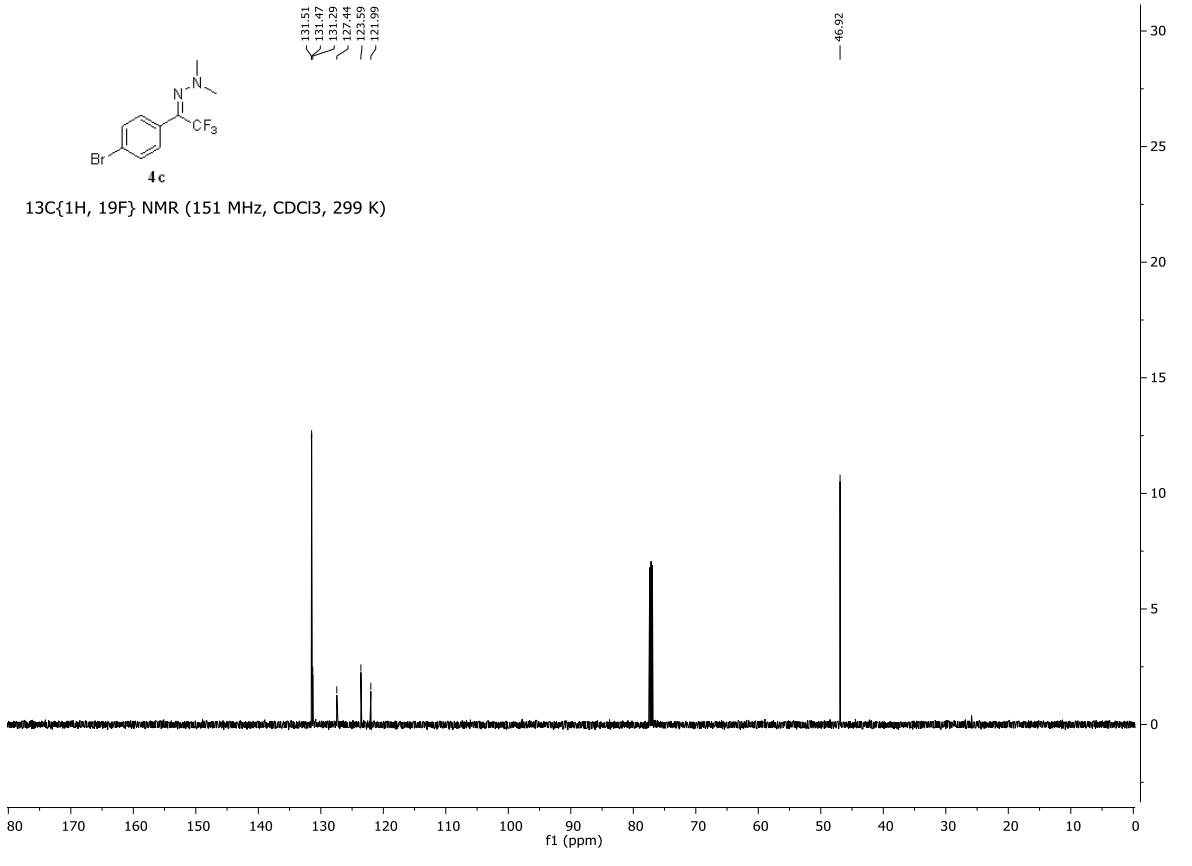
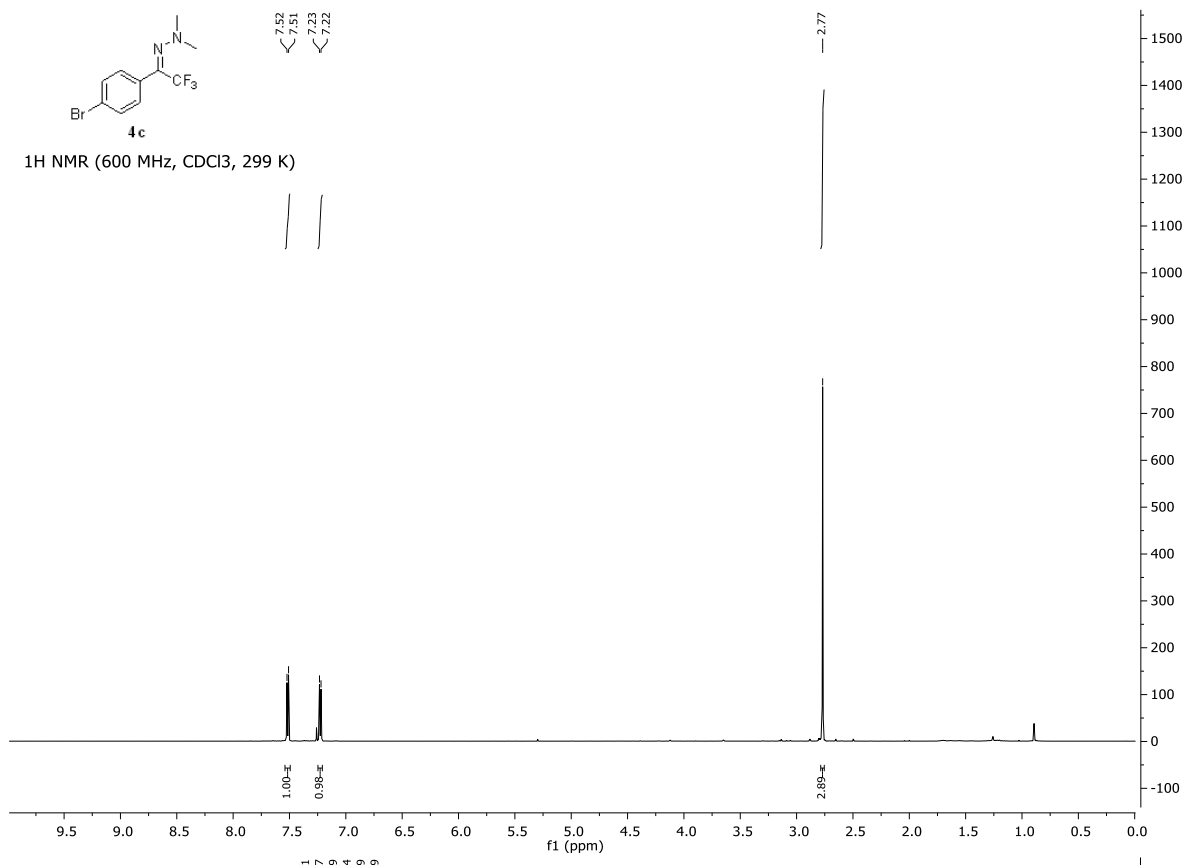


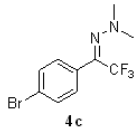
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1H NMR (600 MHz, CDCl3, 299 K)

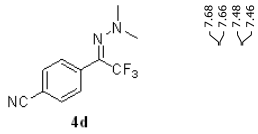
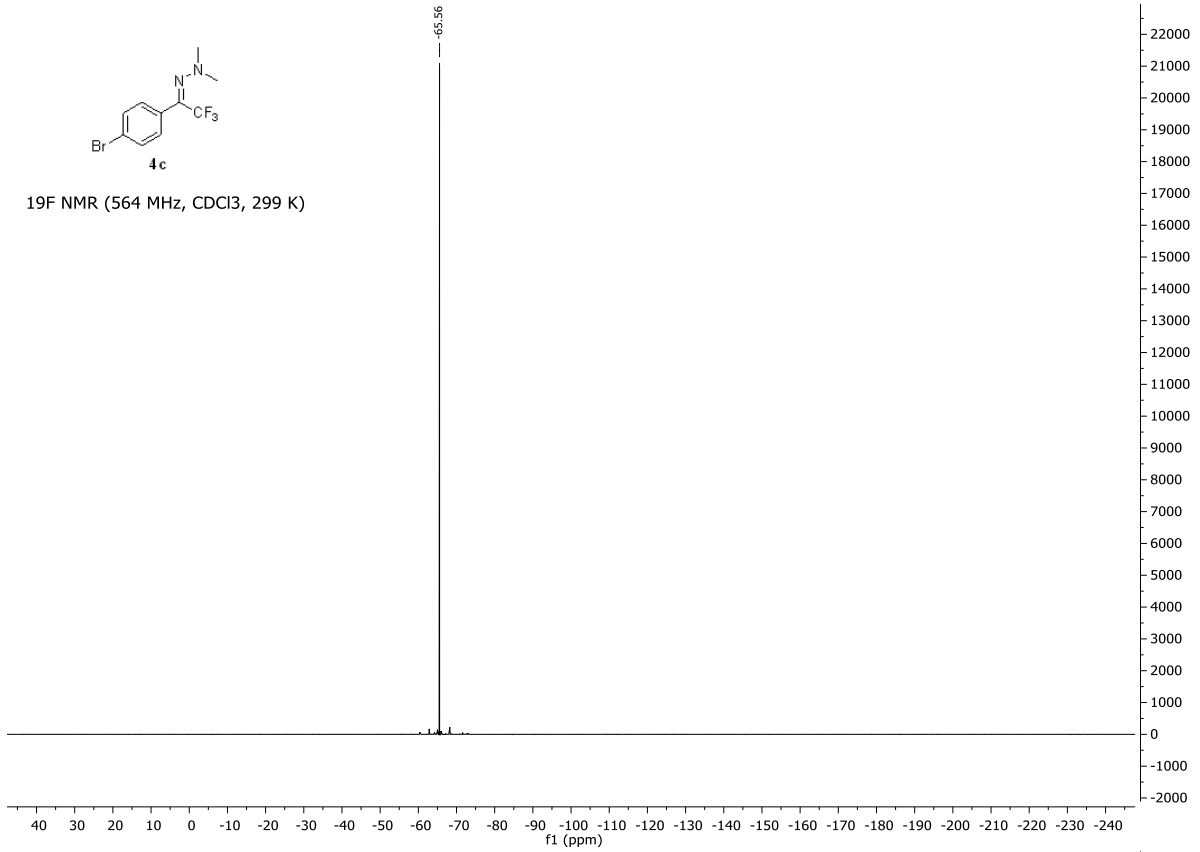




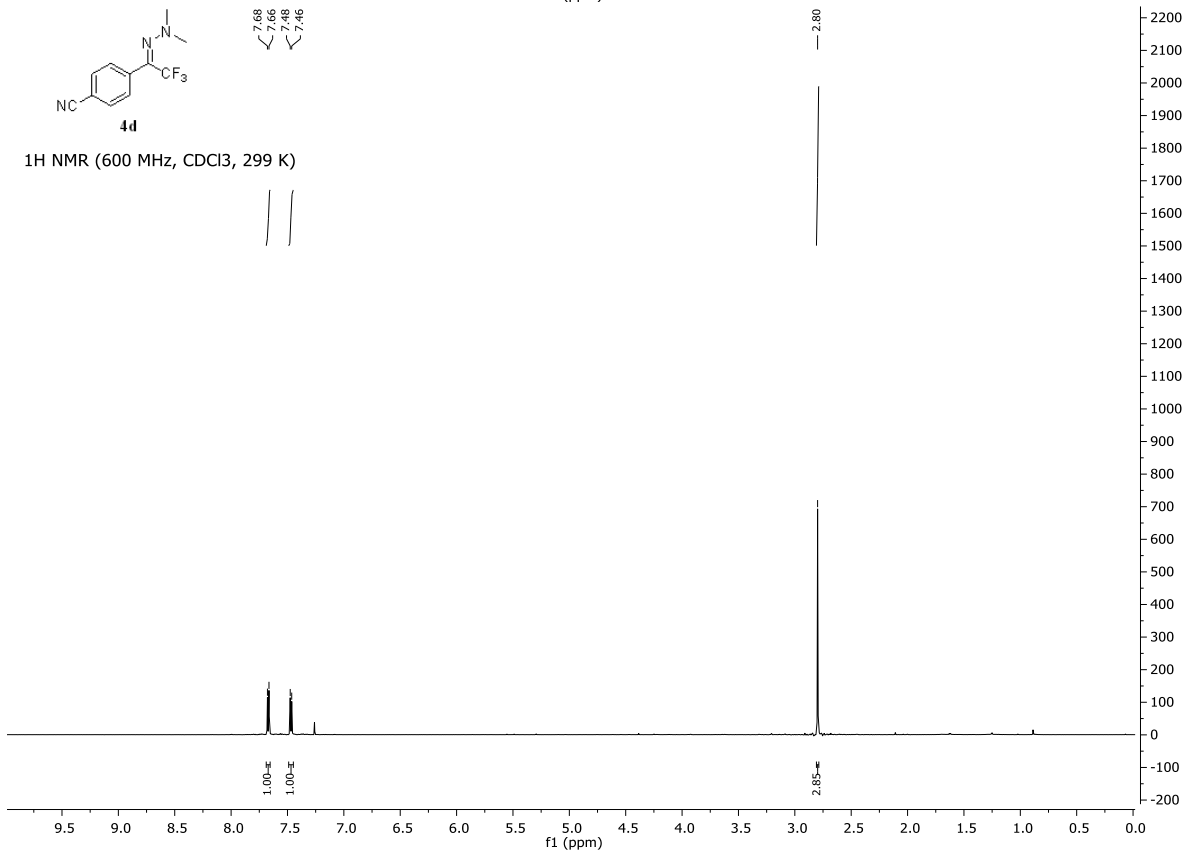


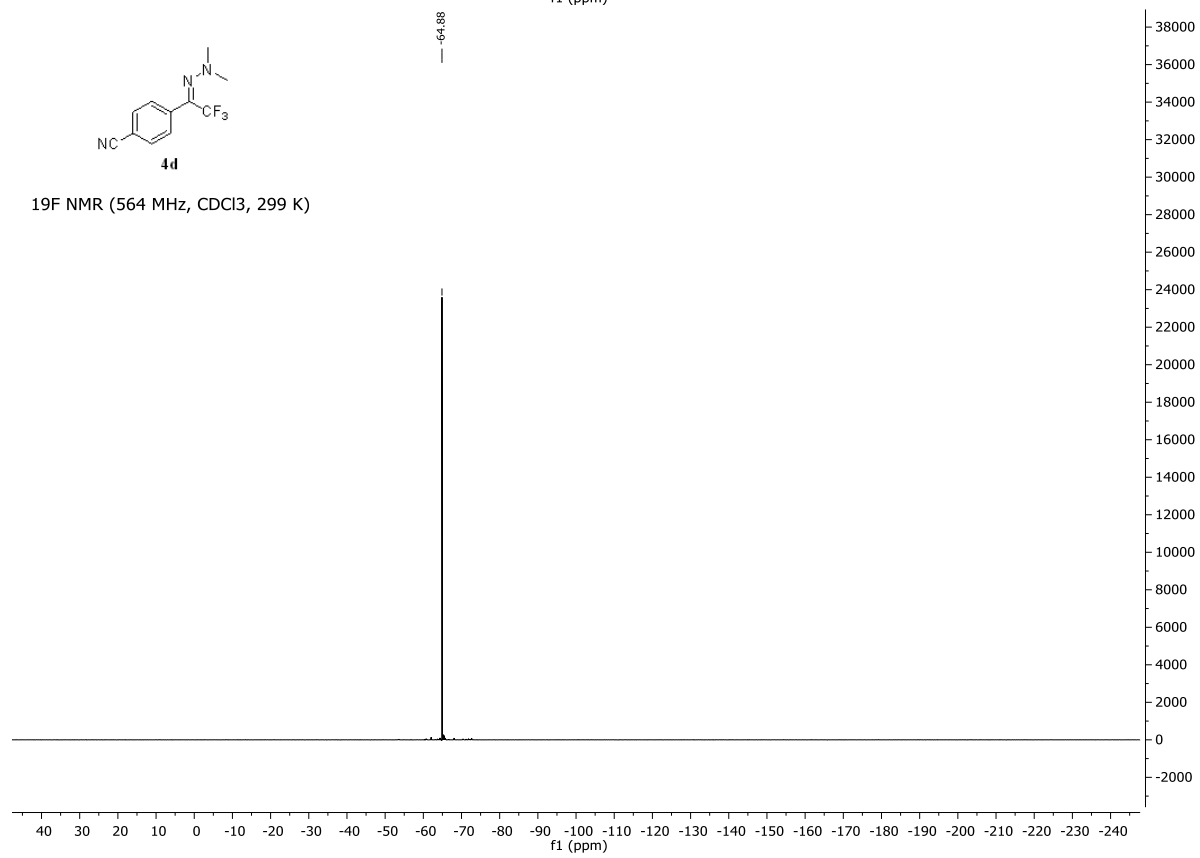
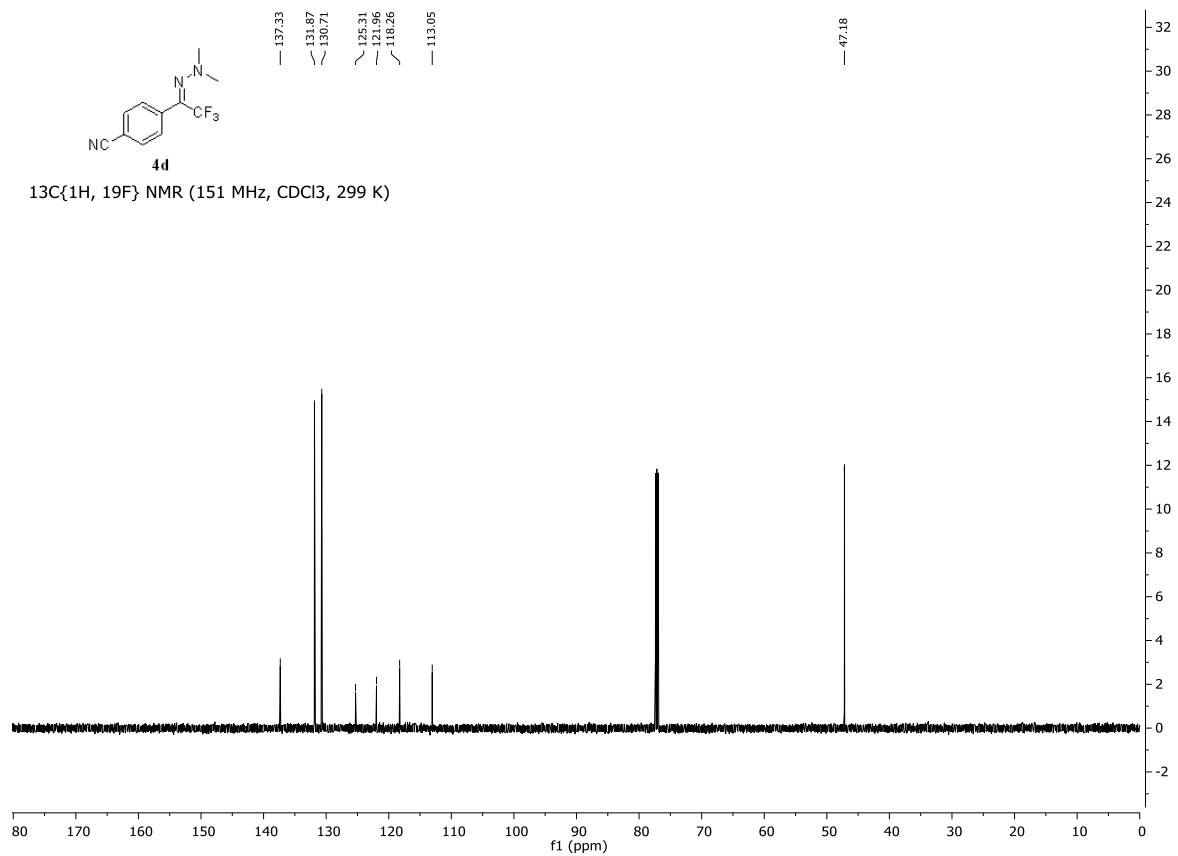


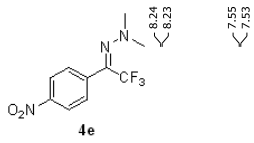
19F NMR (564 MHz, CDCl₃, 299 K)



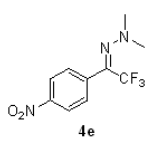
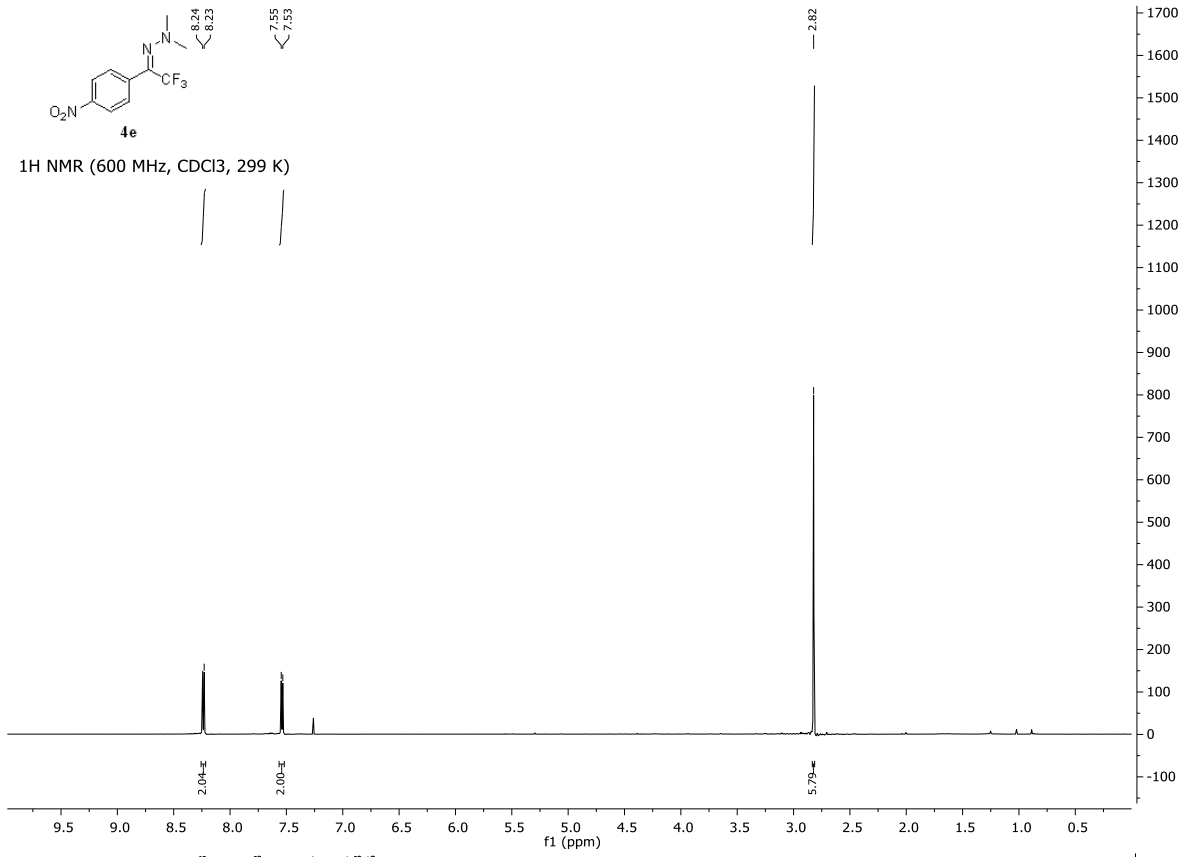
1H NMR (600 MHz, CDCl₃, 299 K)



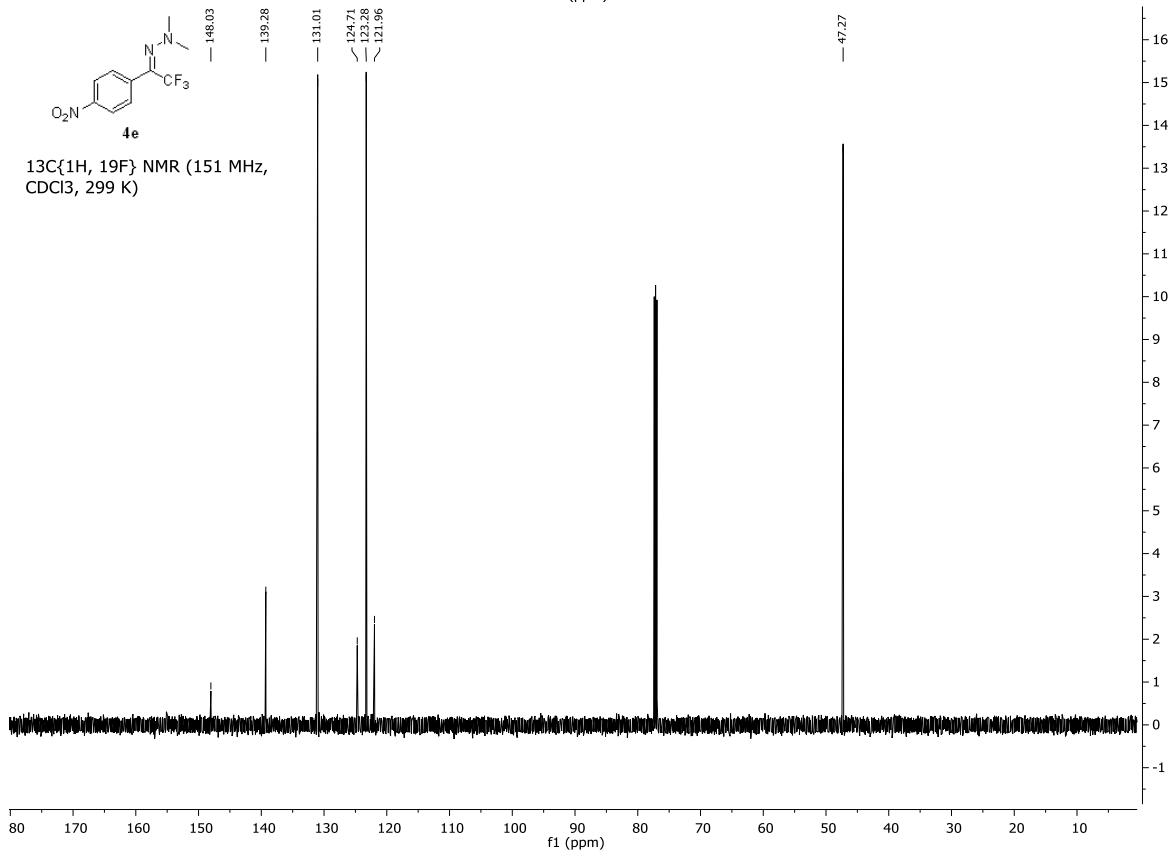


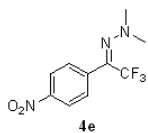


¹H NMR (600 MHz, CDCl₃, 299 K)

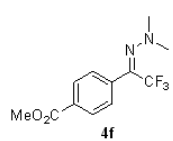
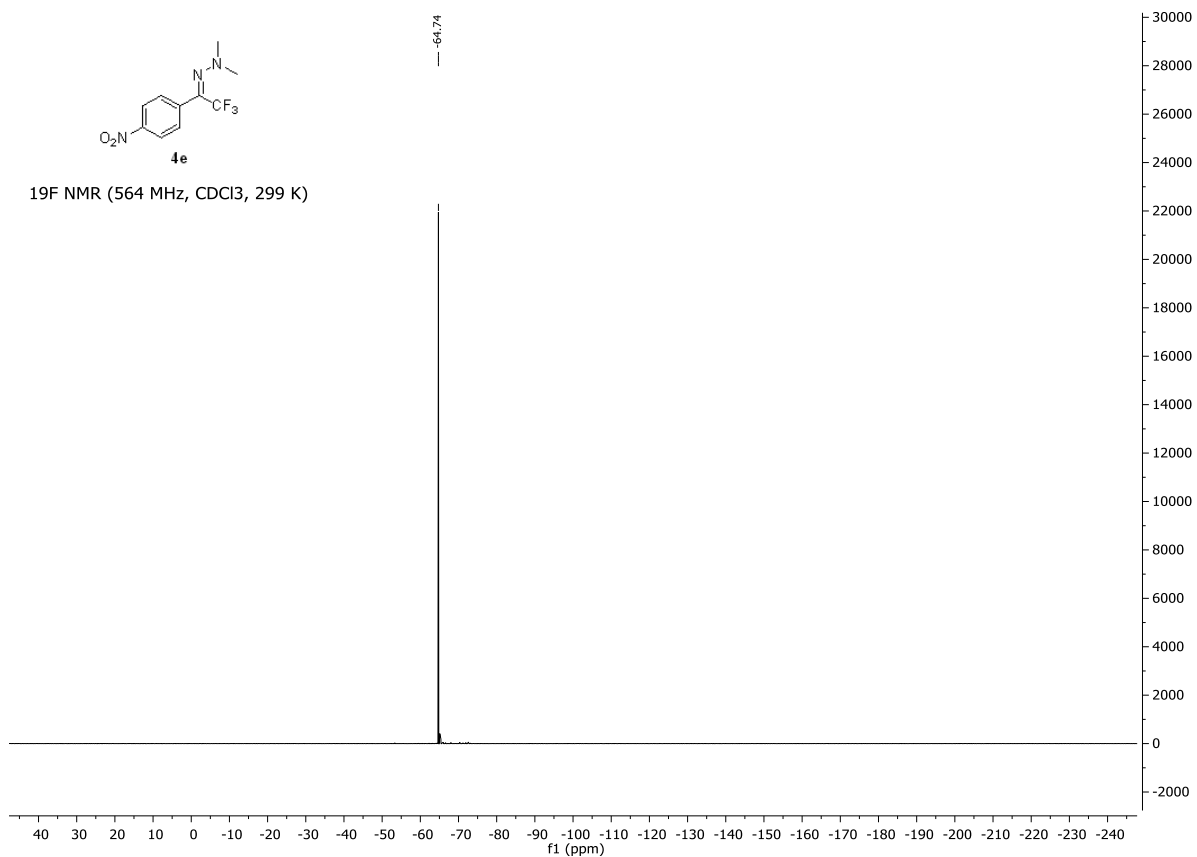


¹³C{¹H, ¹⁹F} NMR (151 MHz, CDCl₃, 299 K)

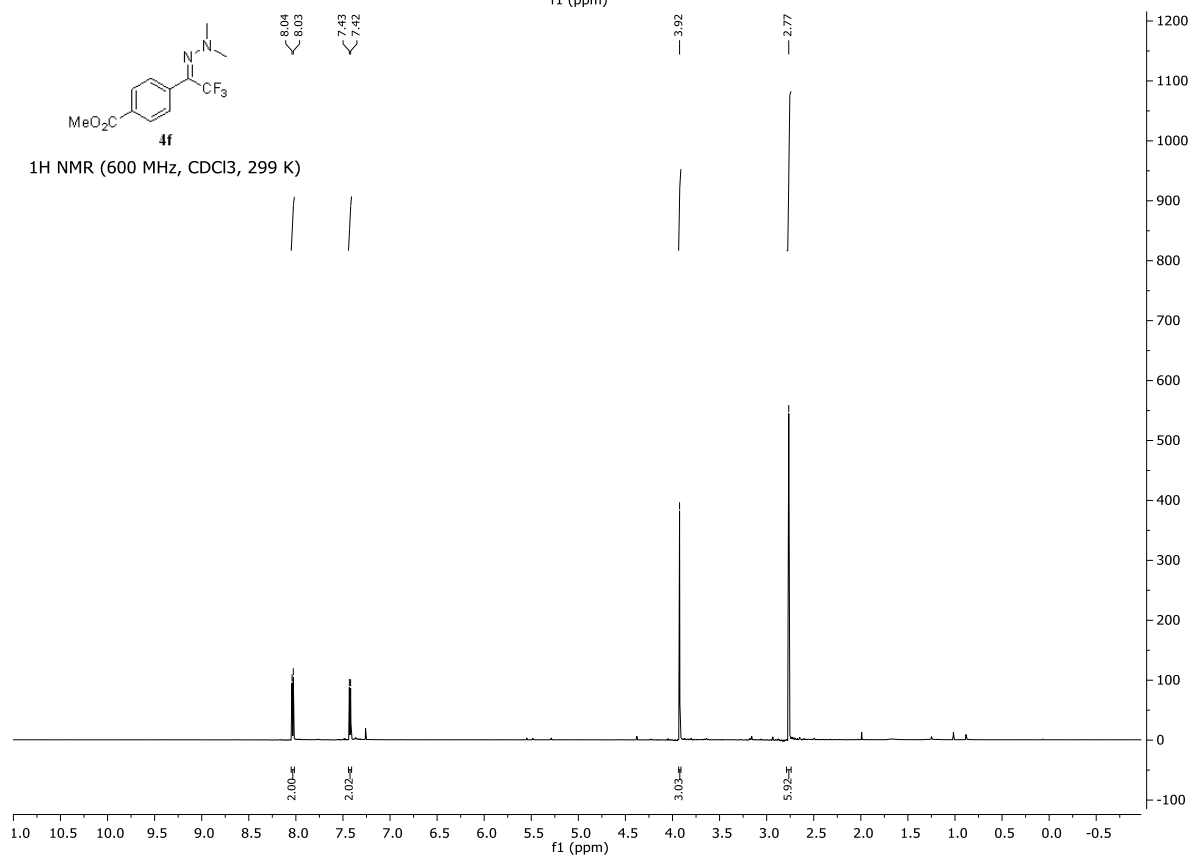


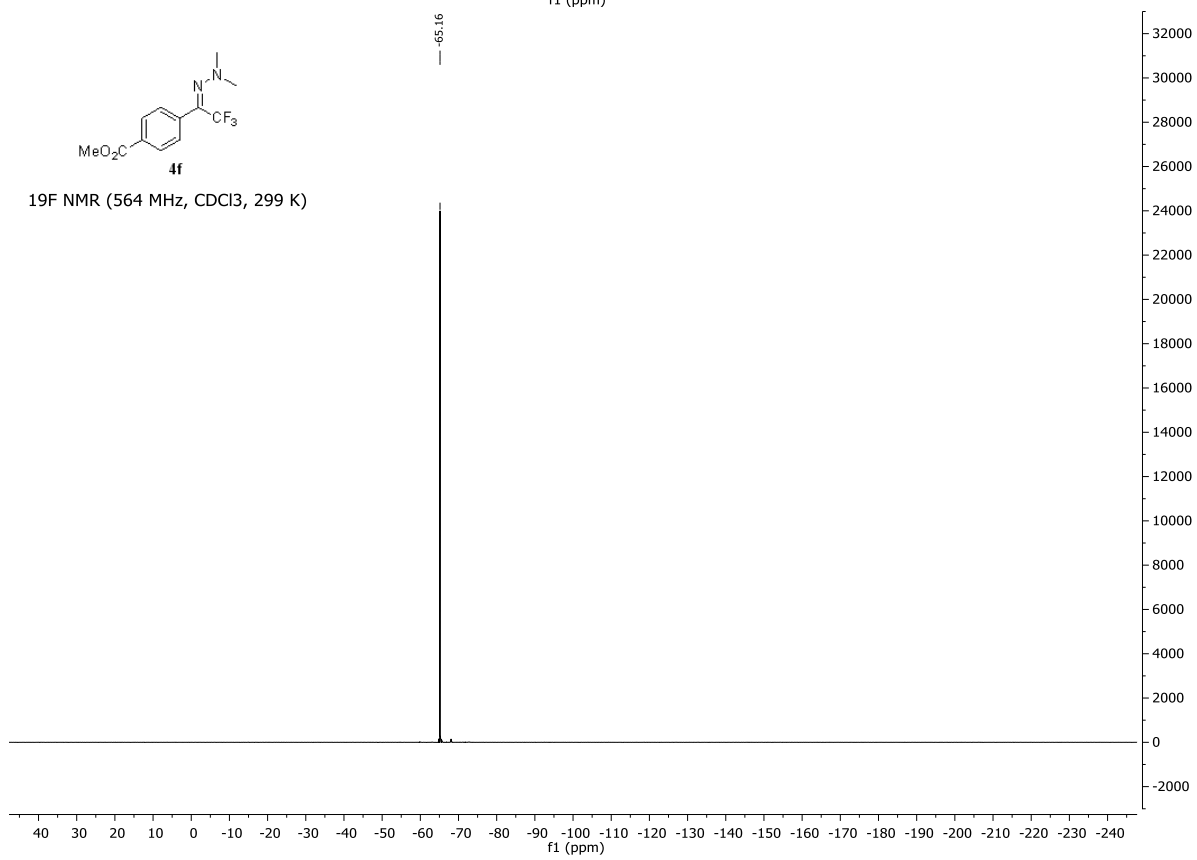
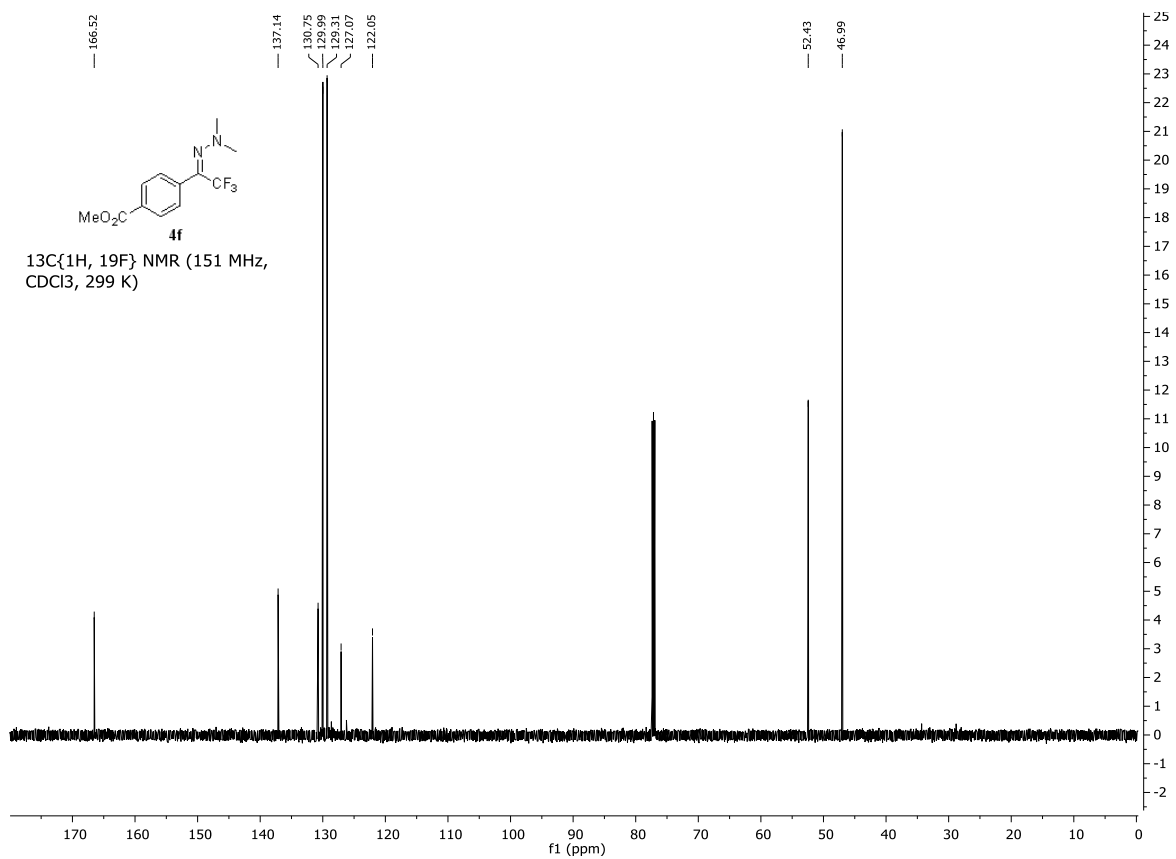


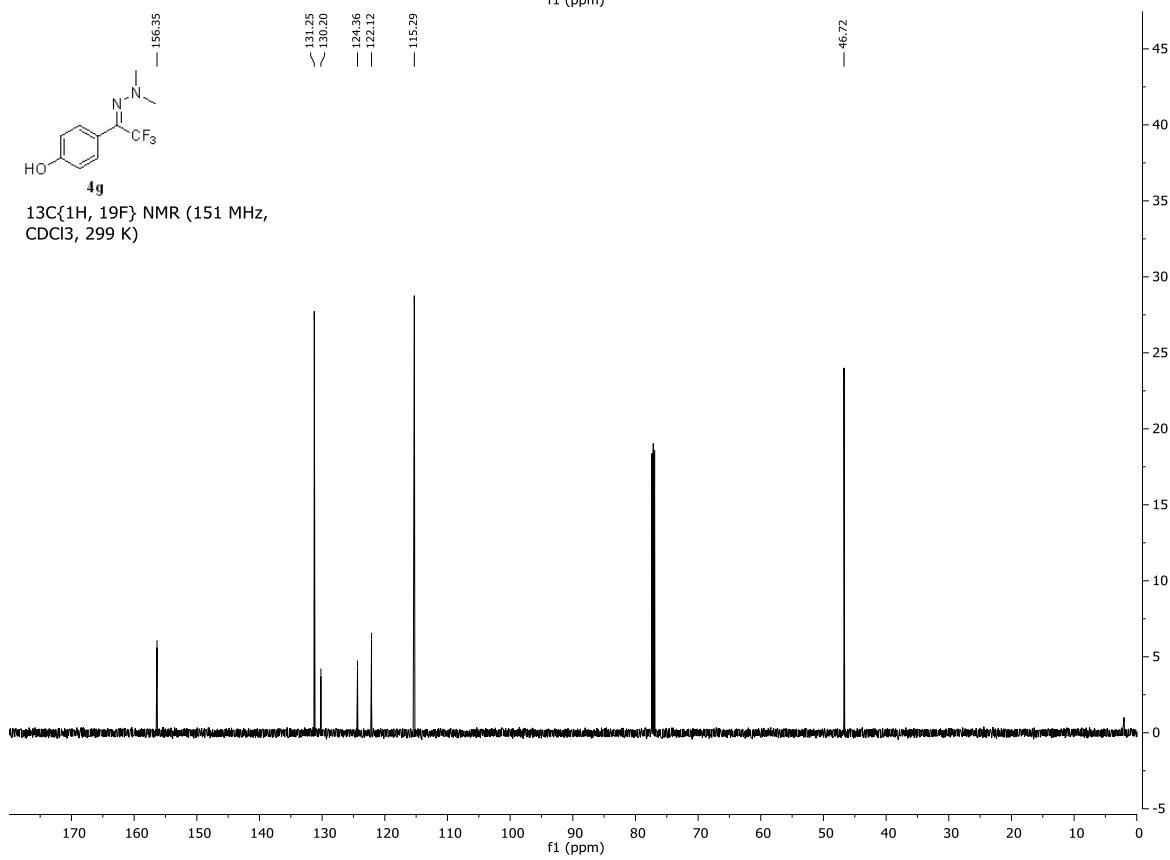
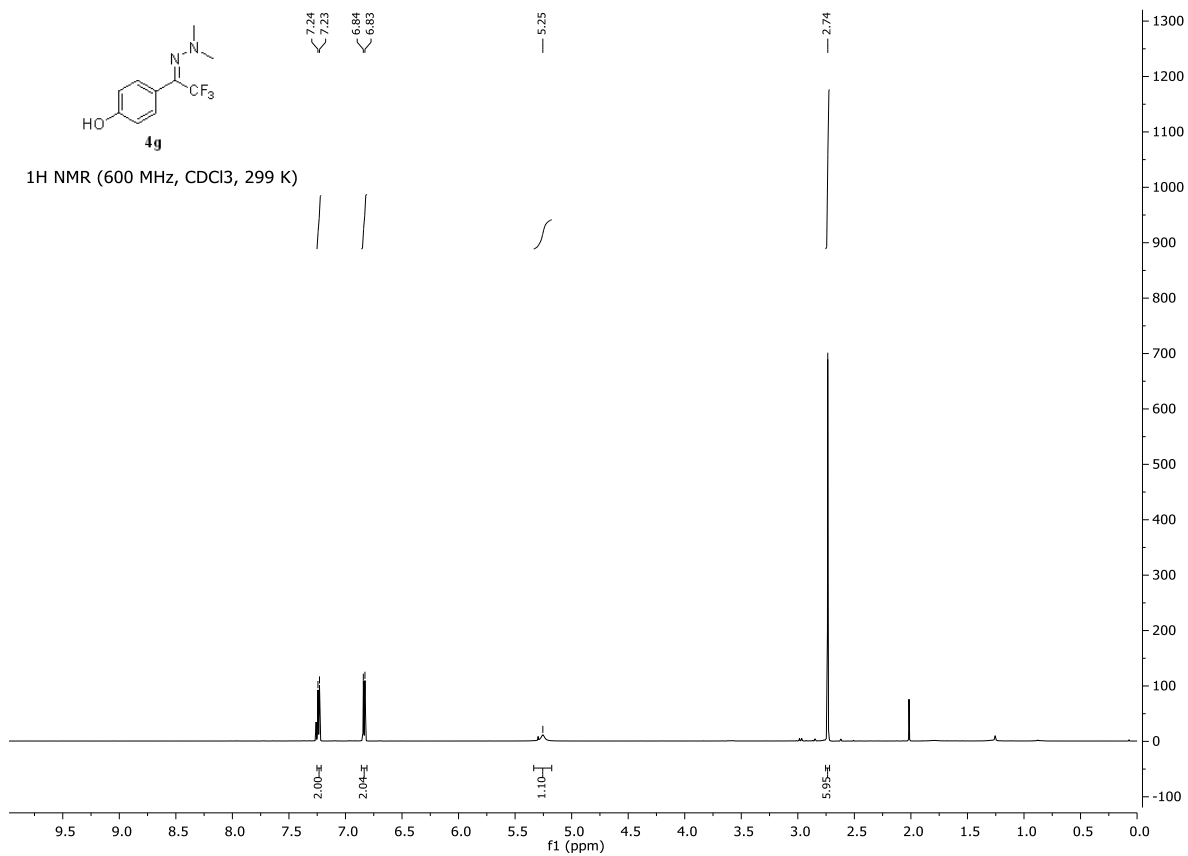
19F NMR (564 MHz, CDCl₃, 299 K)

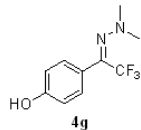


1H NMR (600 MHz, CDCl₃, 299 K)

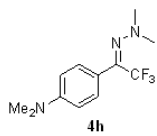
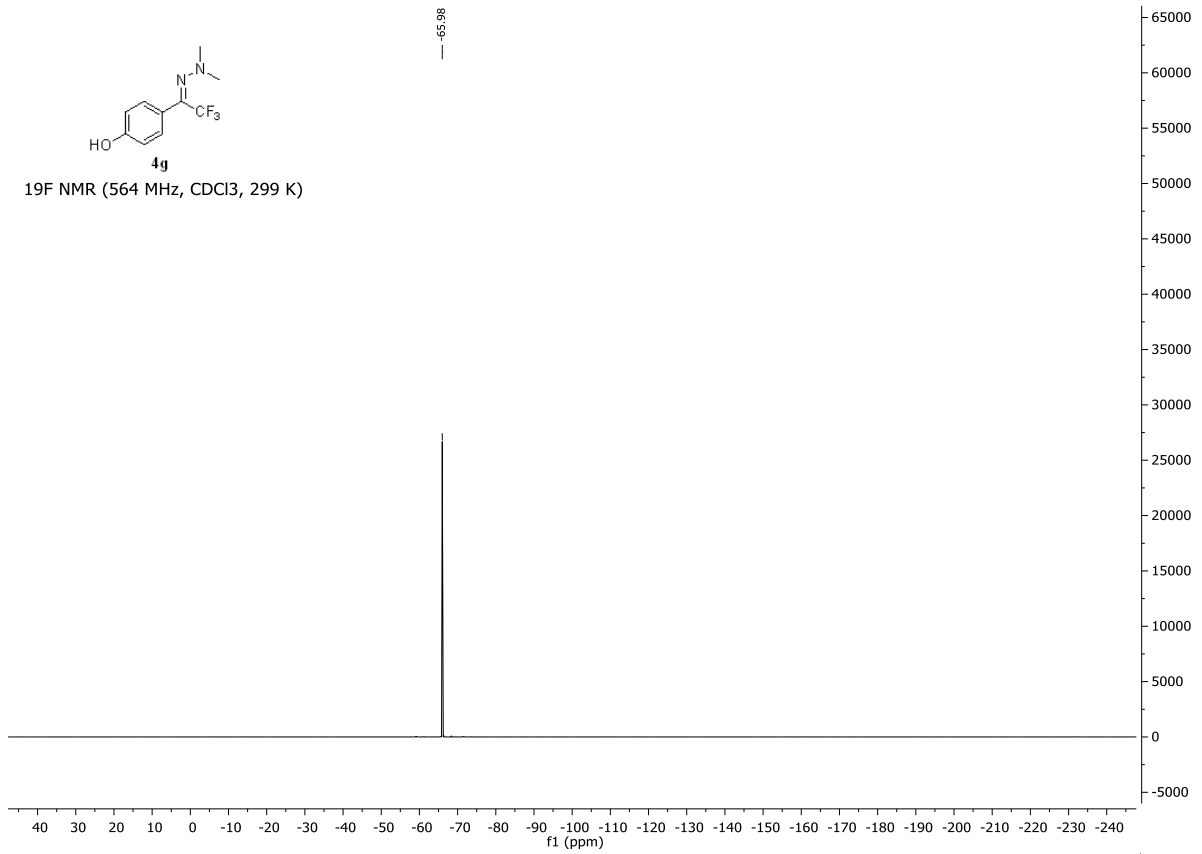




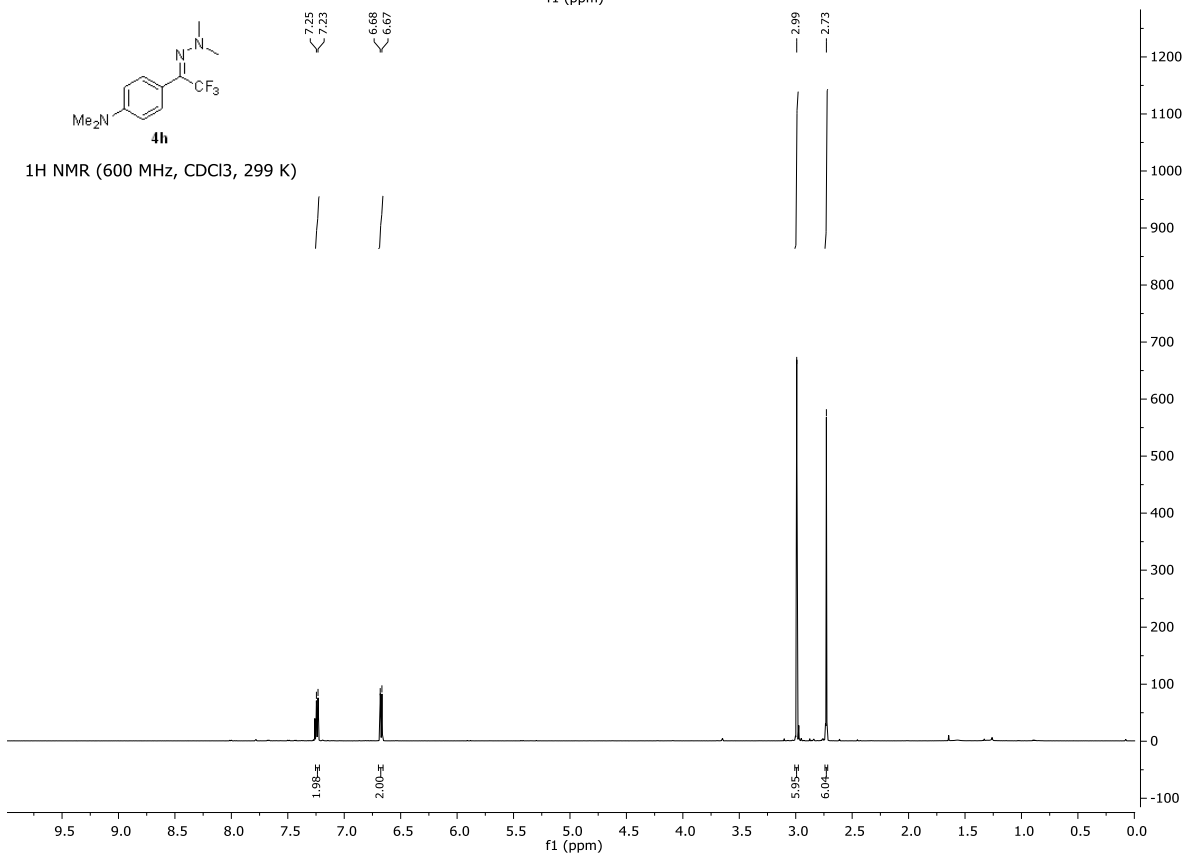


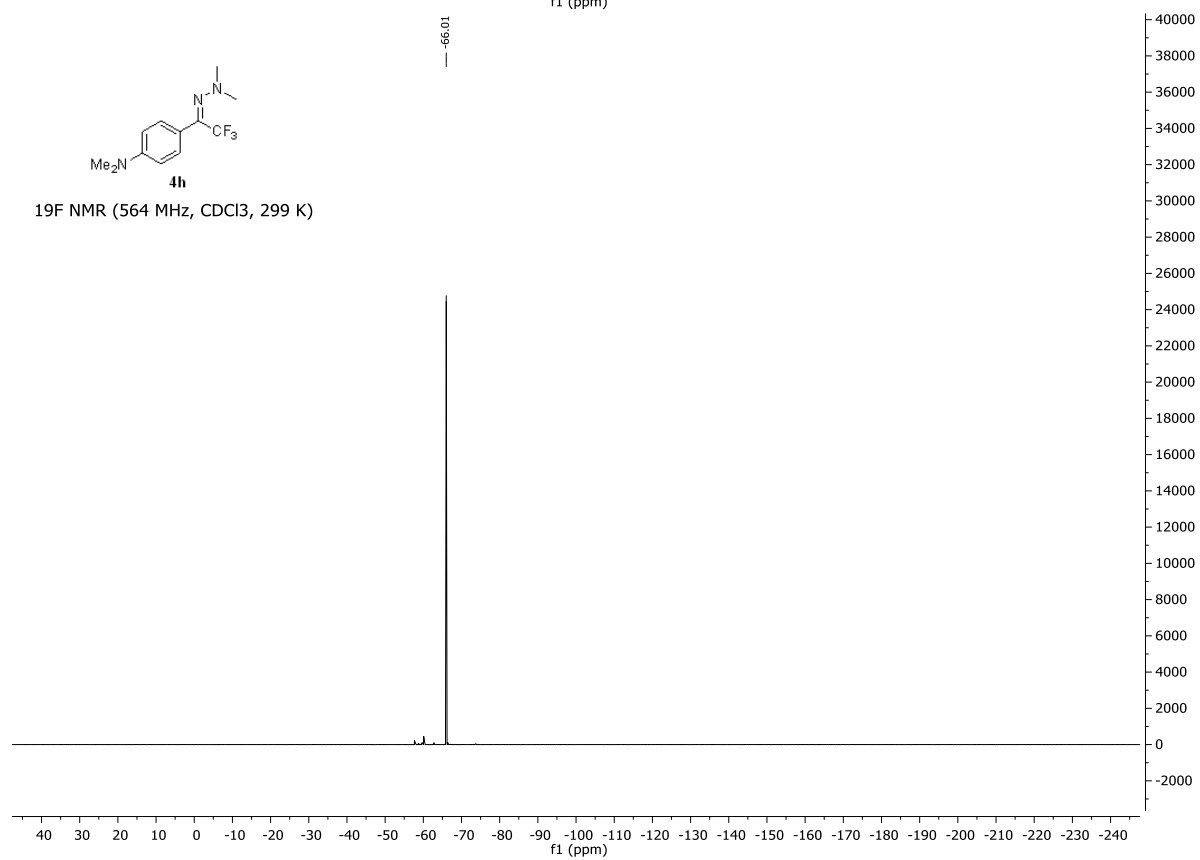
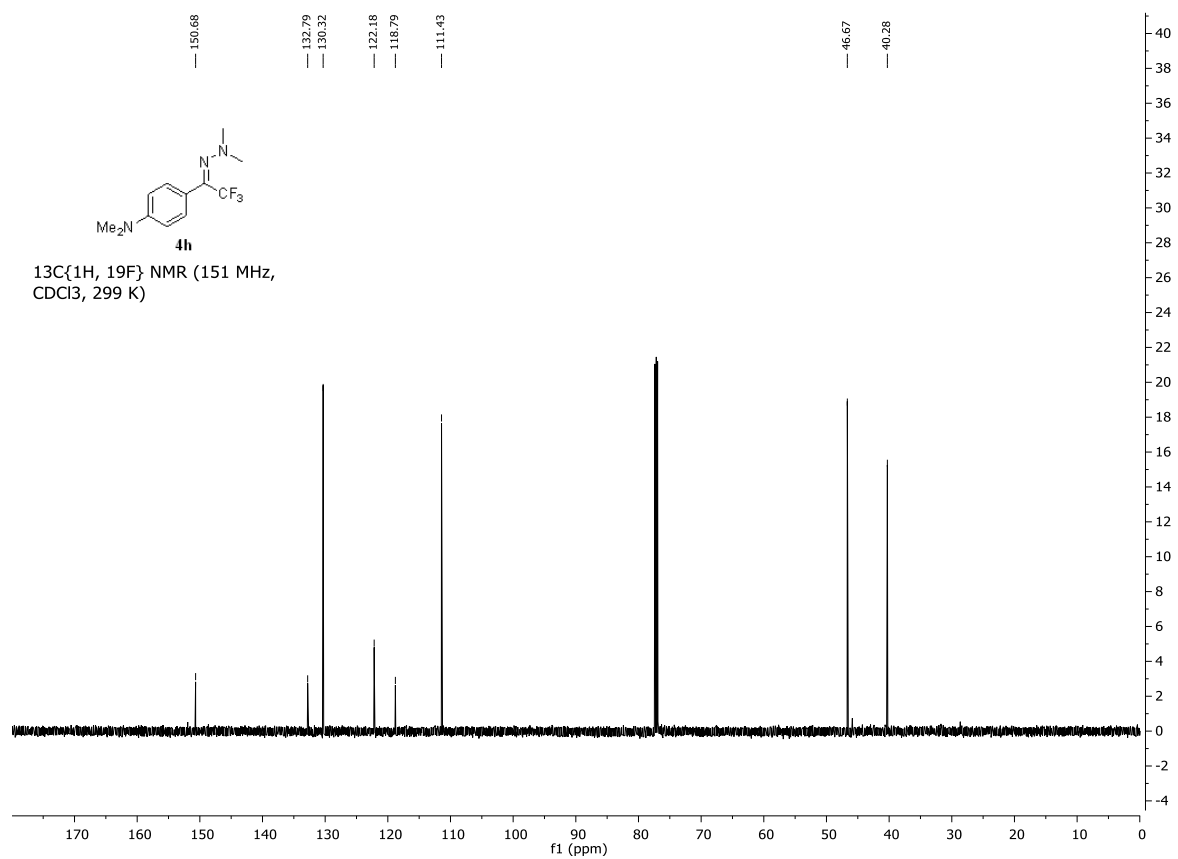


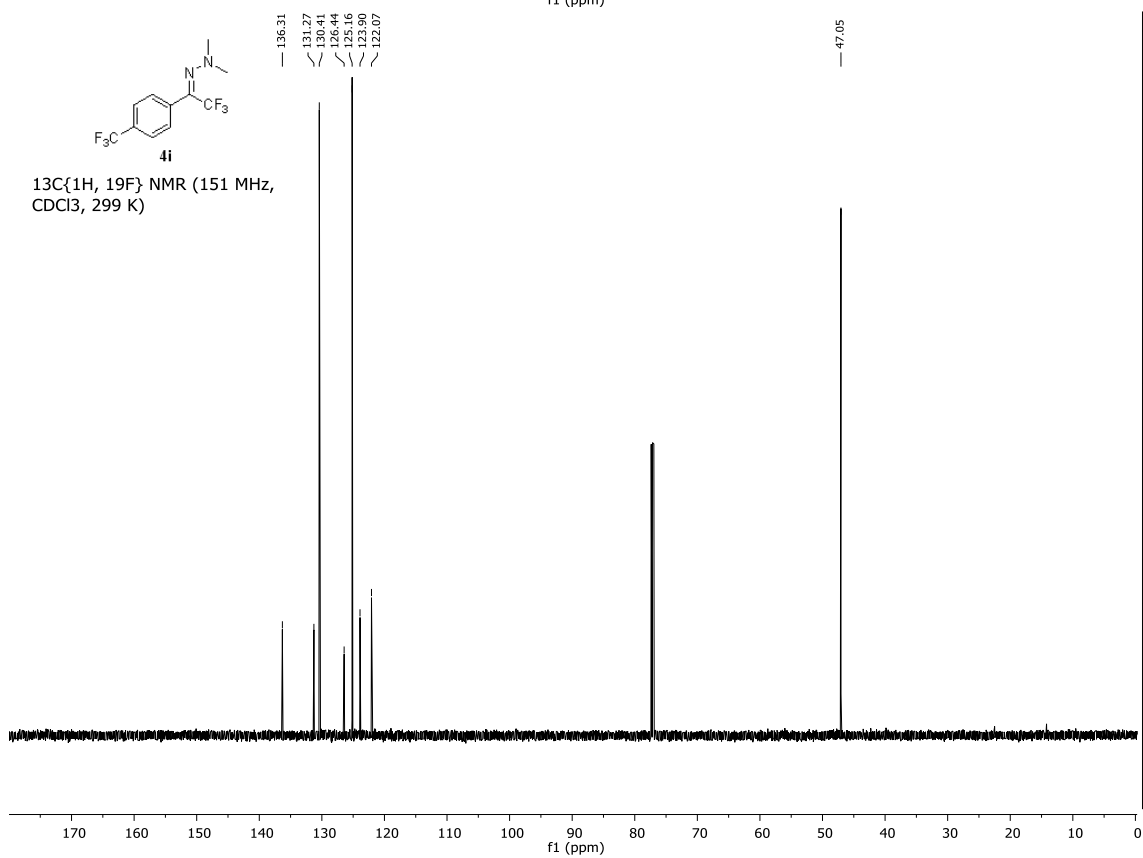
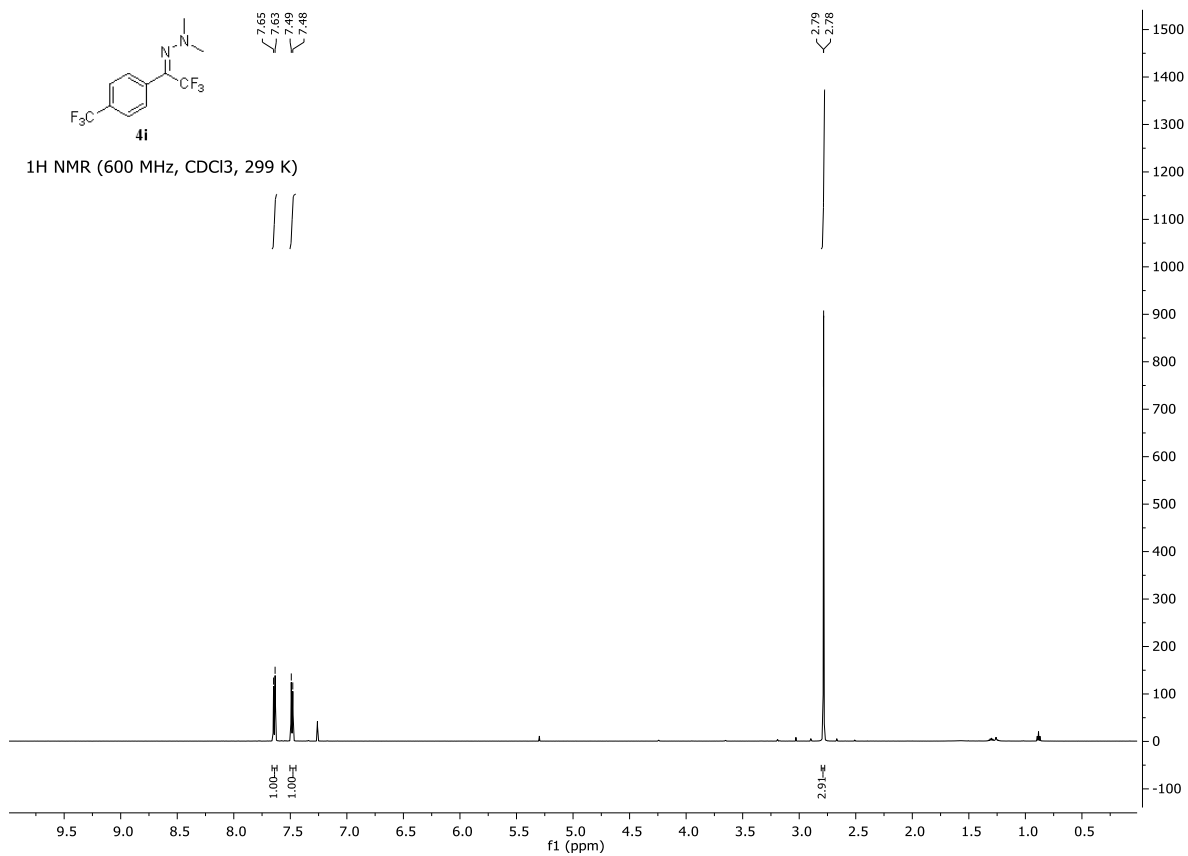
19F NMR (564 MHz, CDCl₃, 299 K)

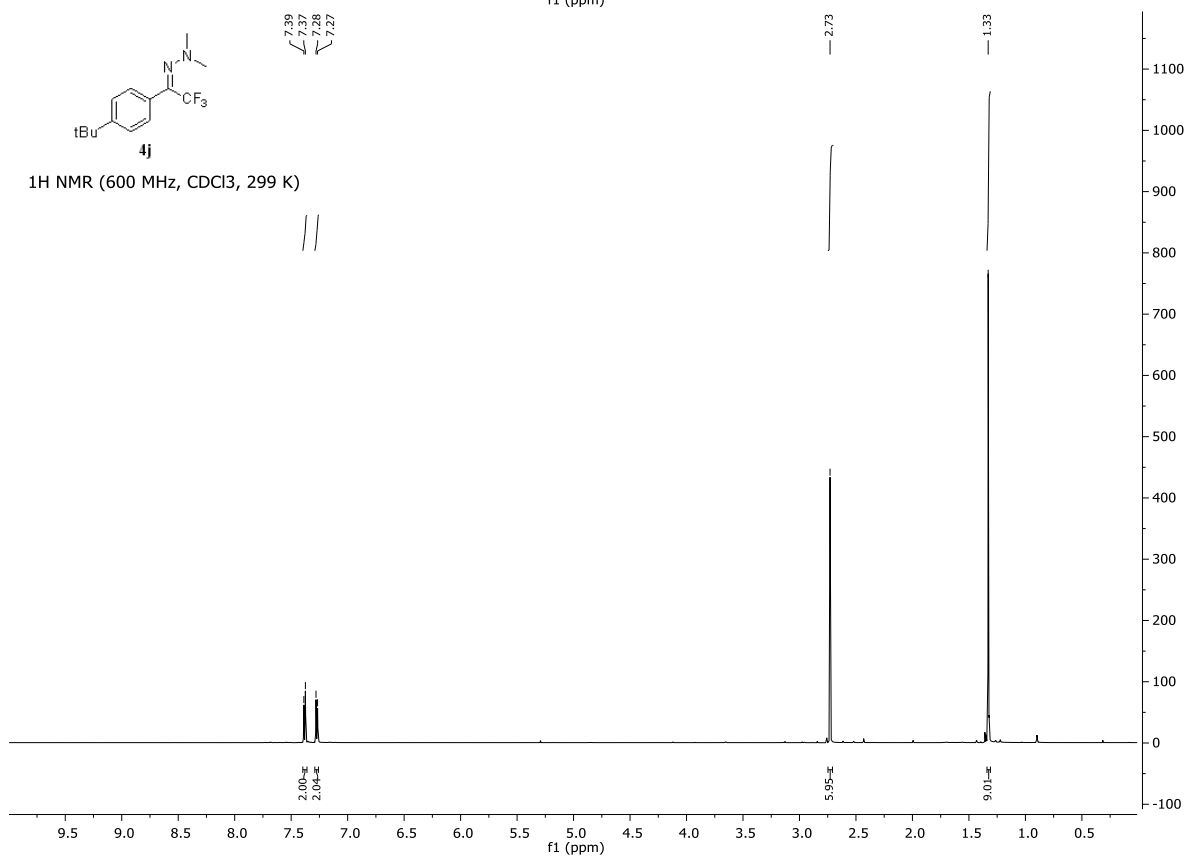
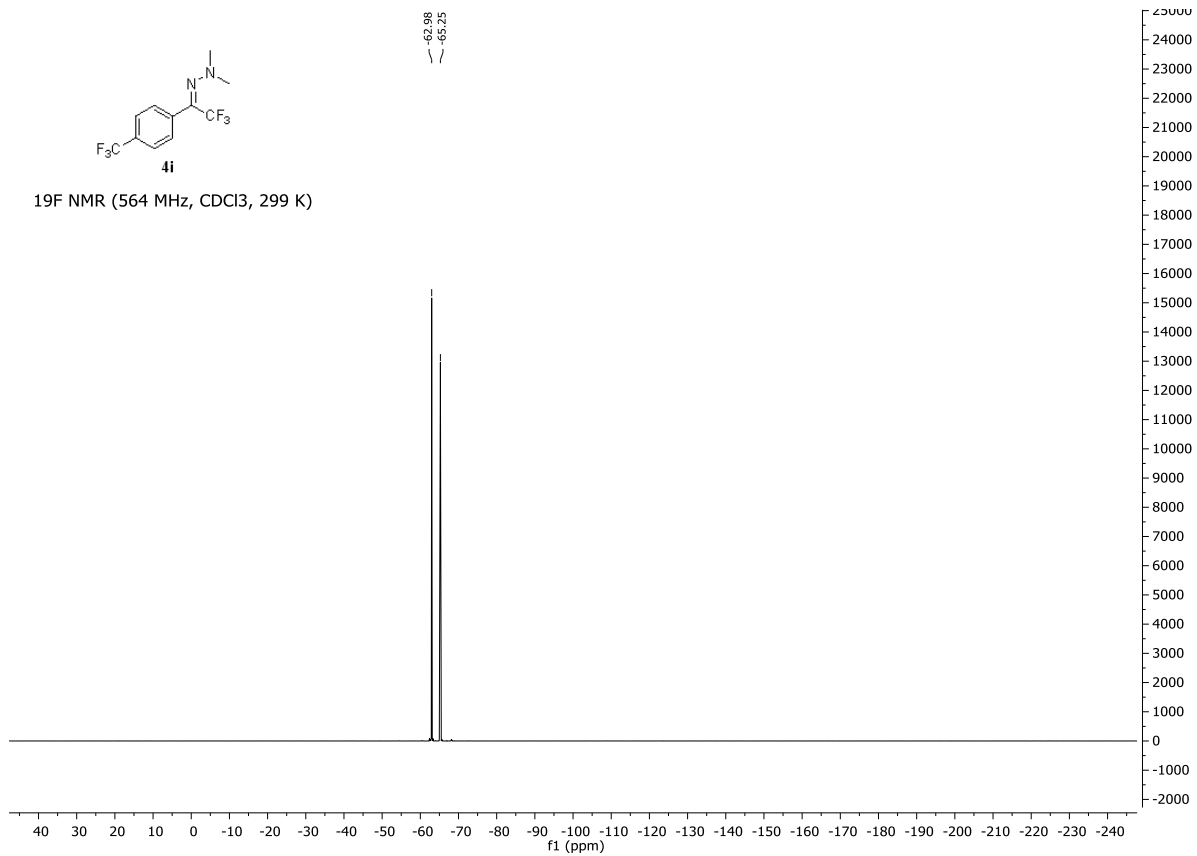


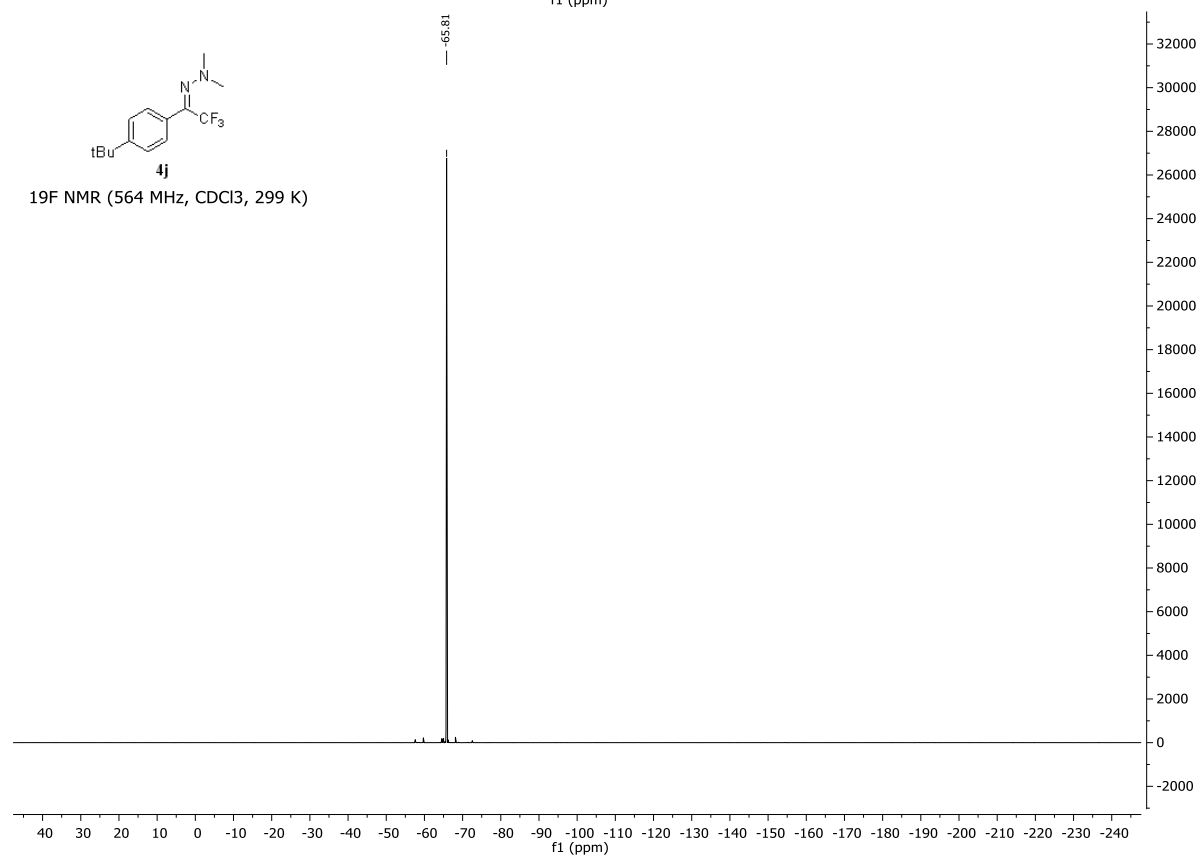
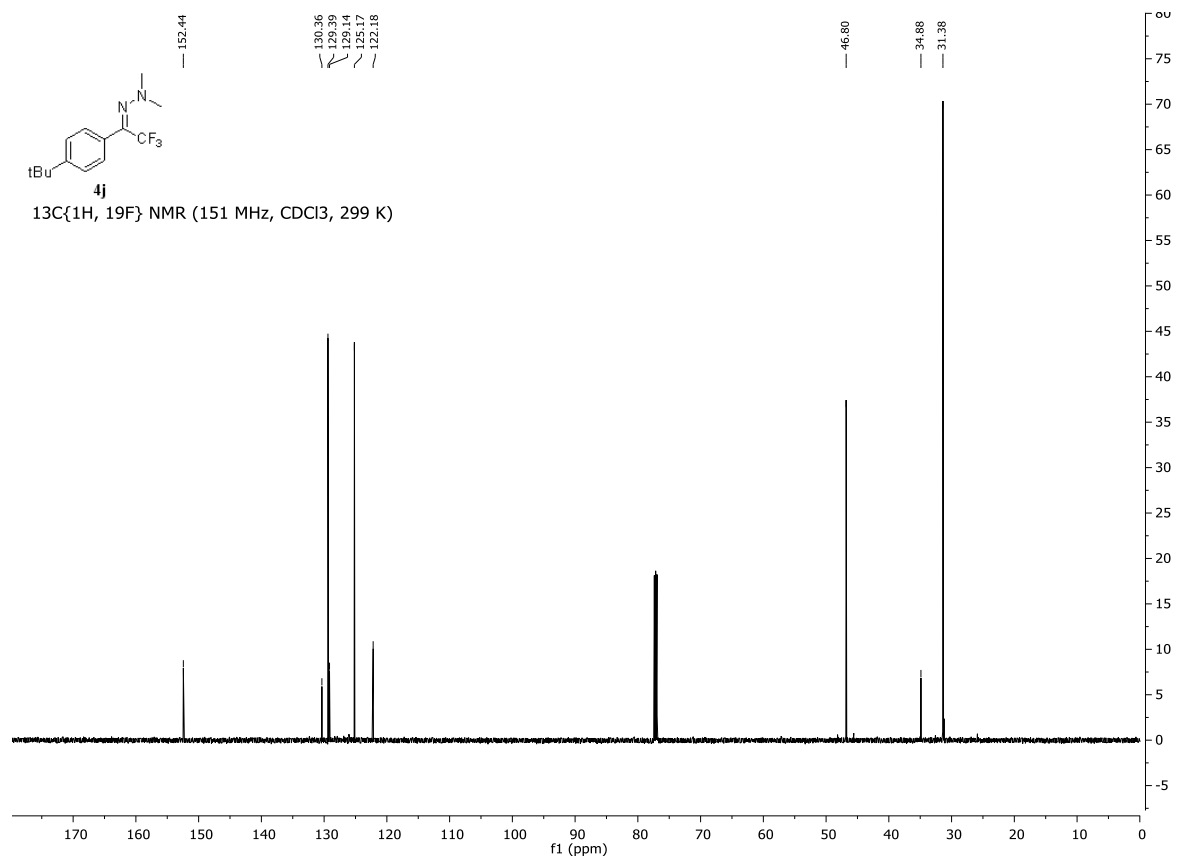
1H NMR (600 MHz, CDCl₃, 299 K)

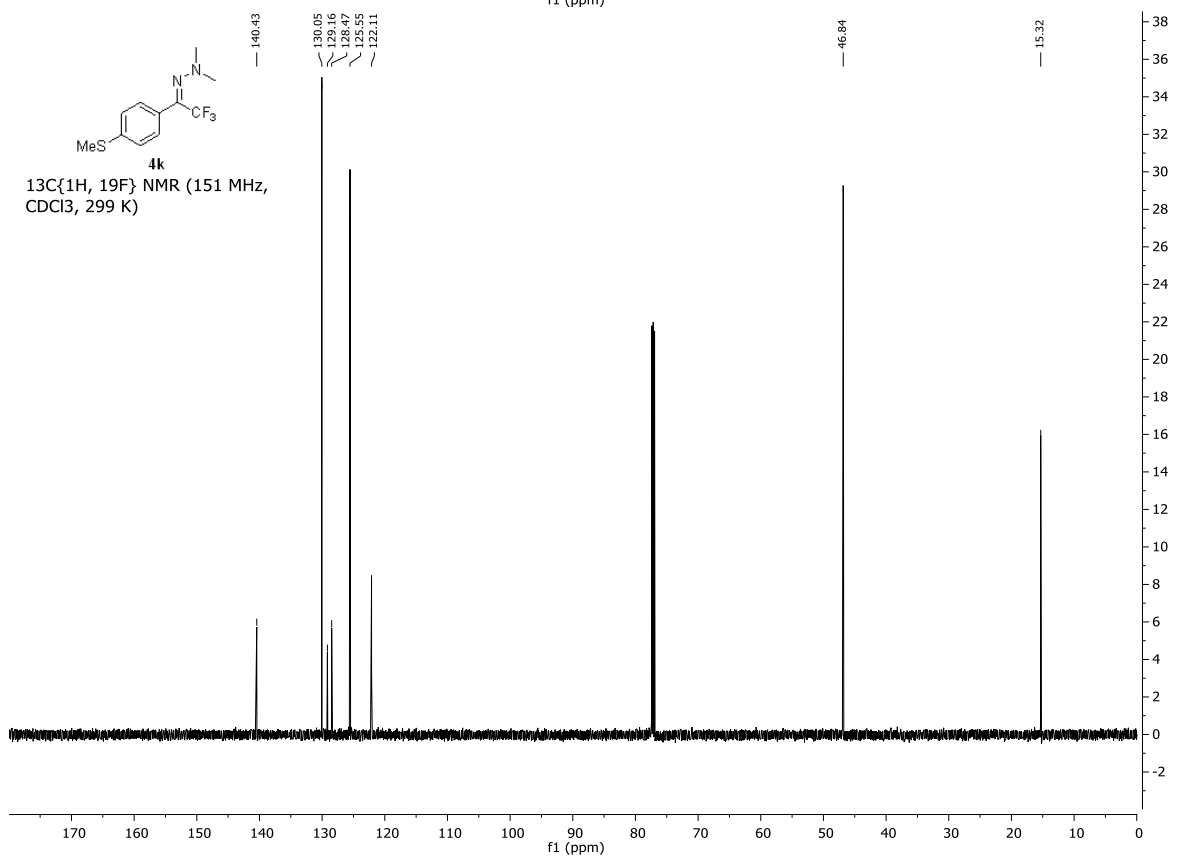
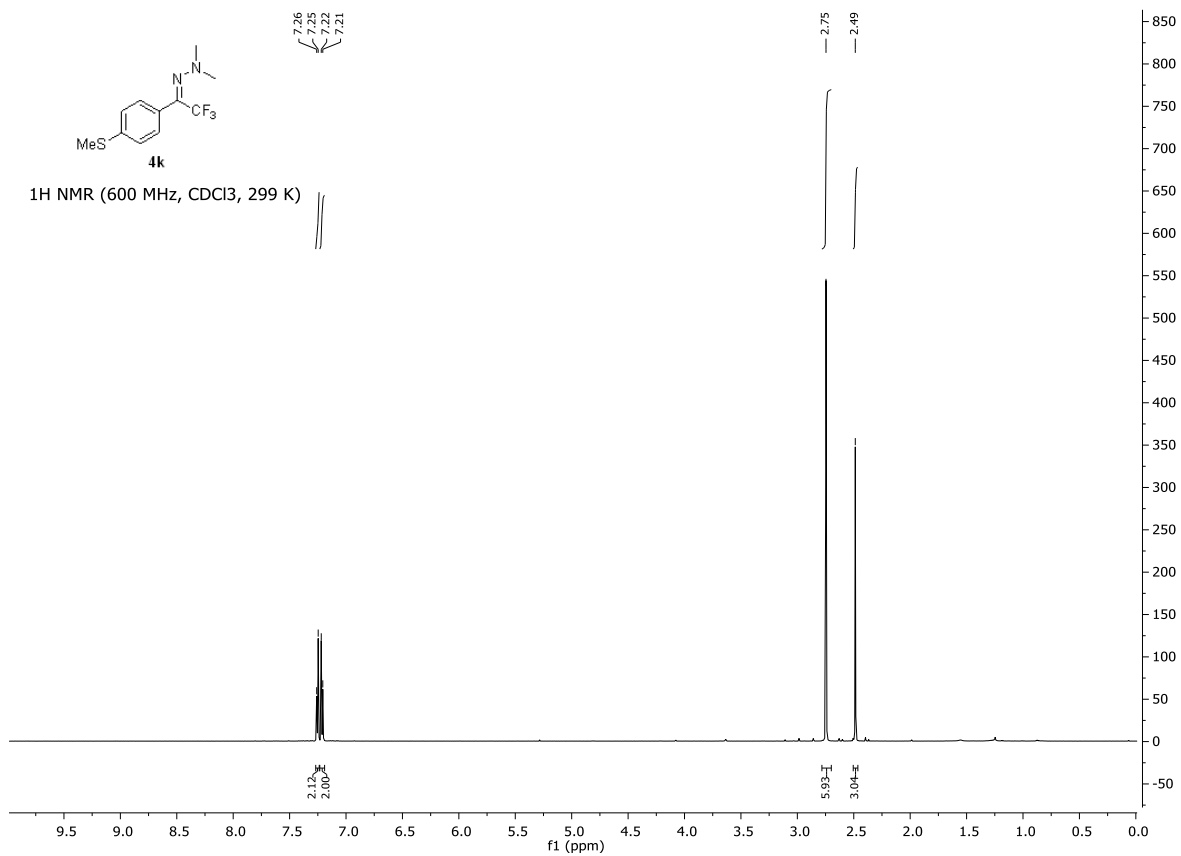


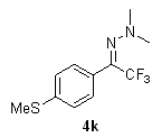




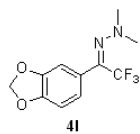
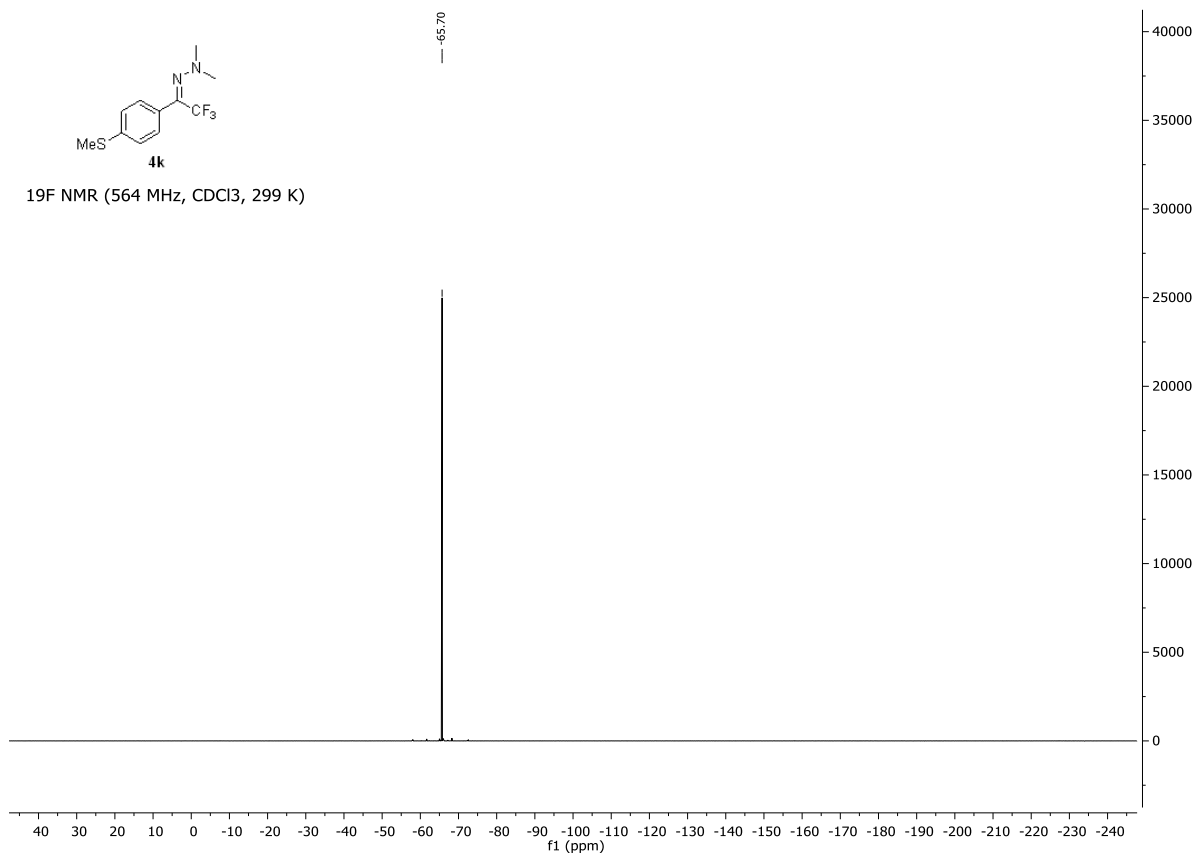




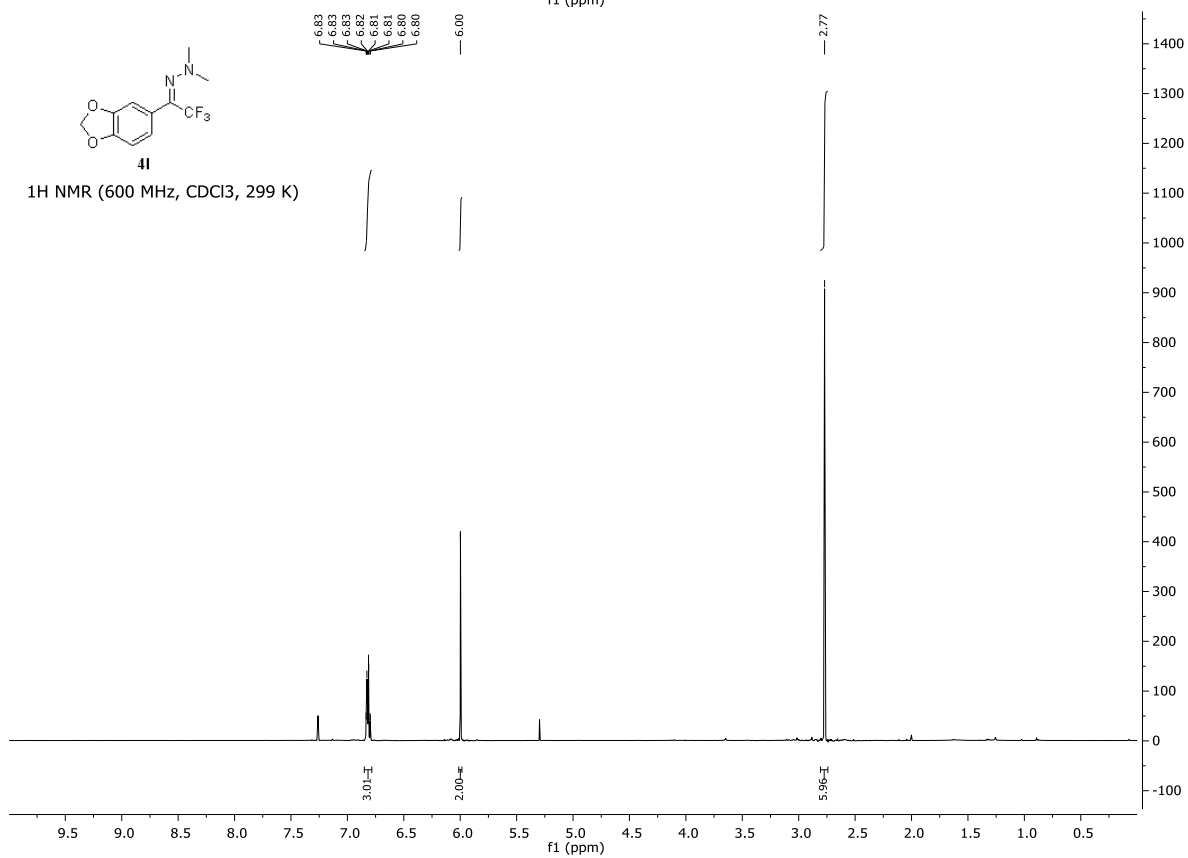


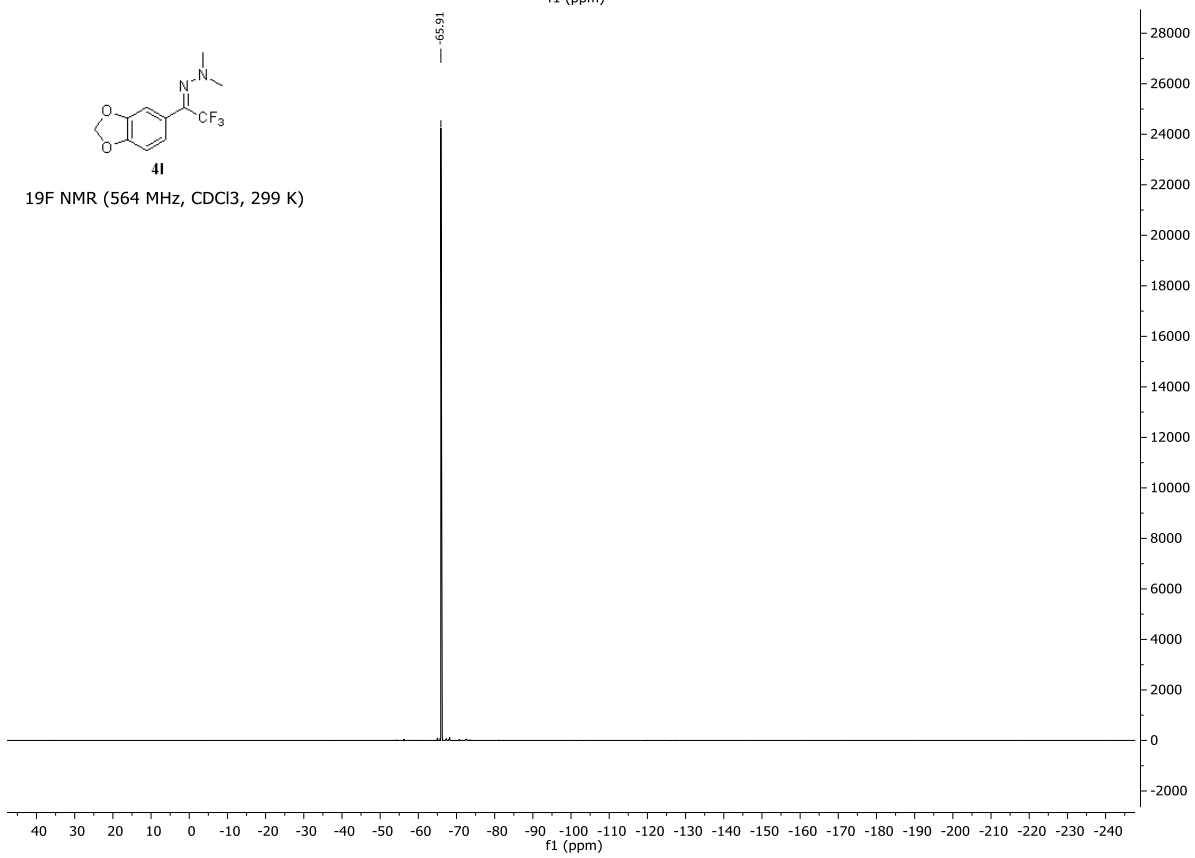
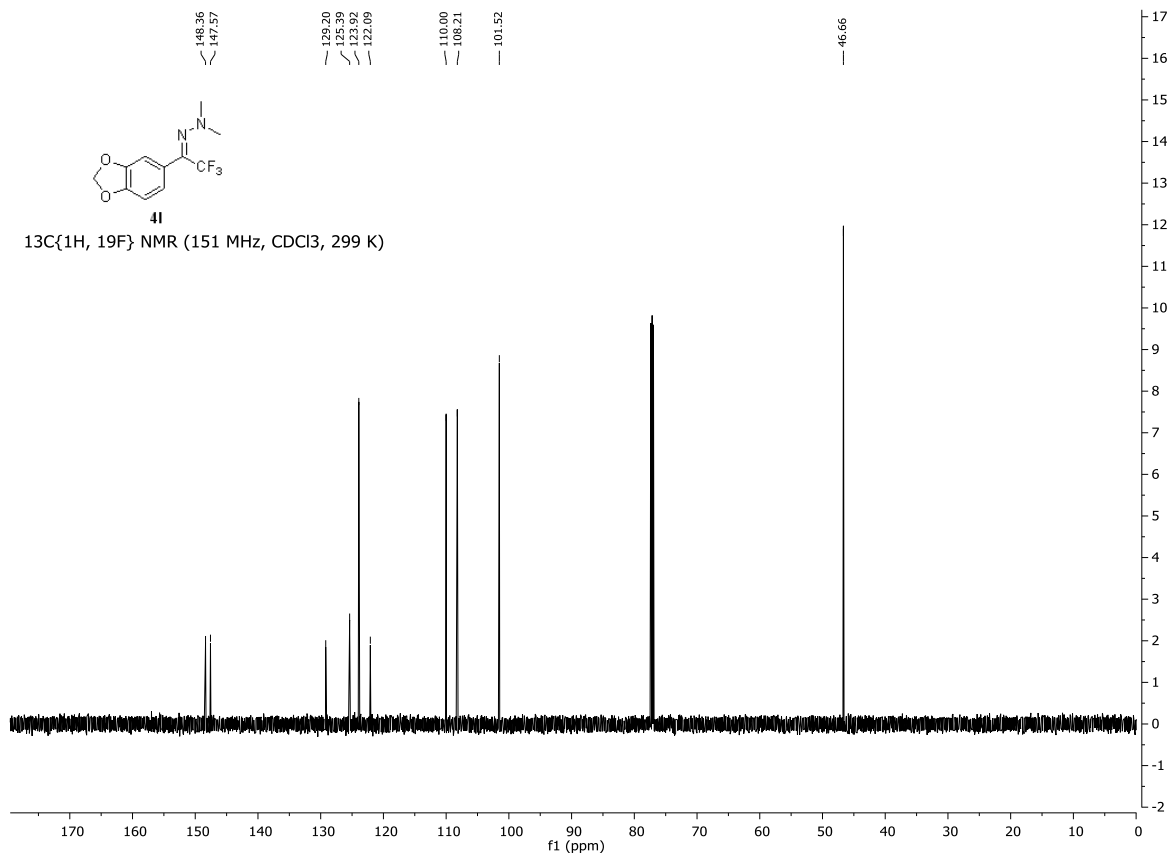


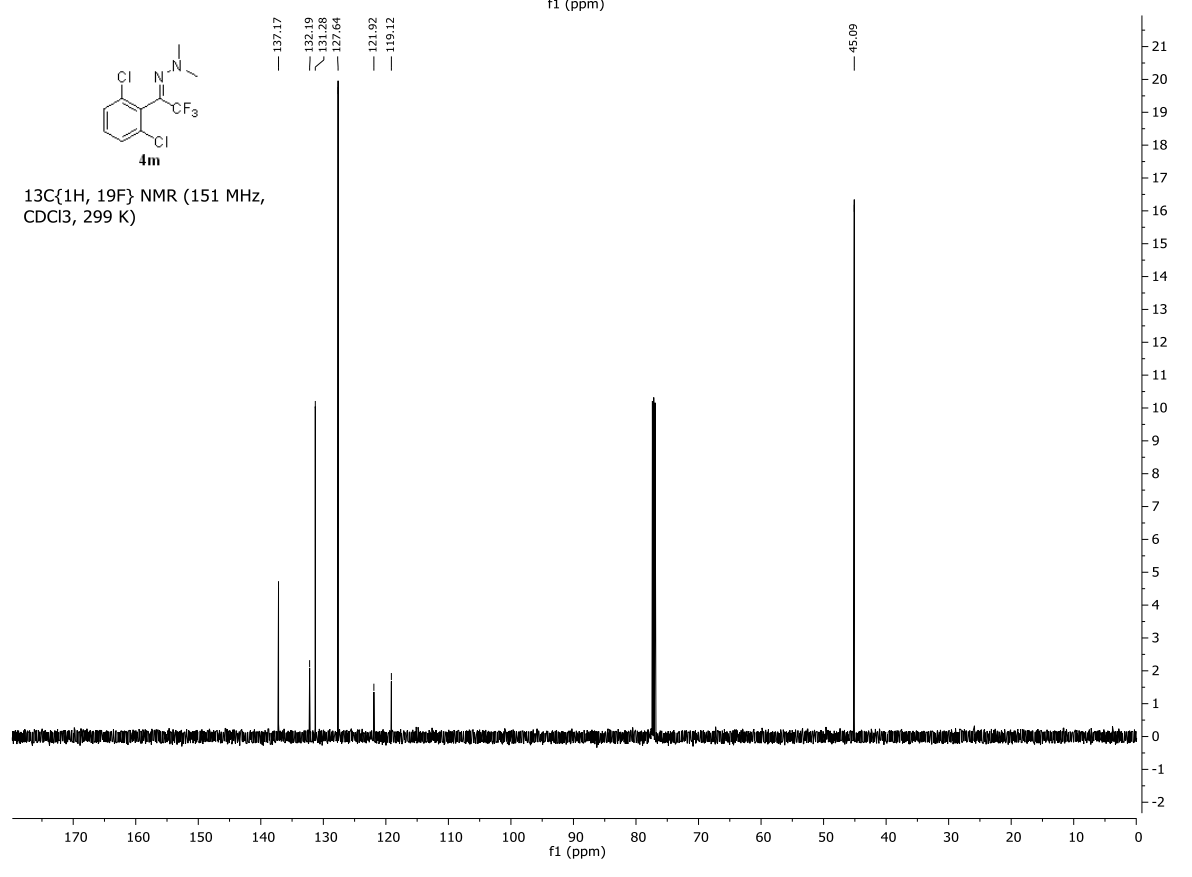
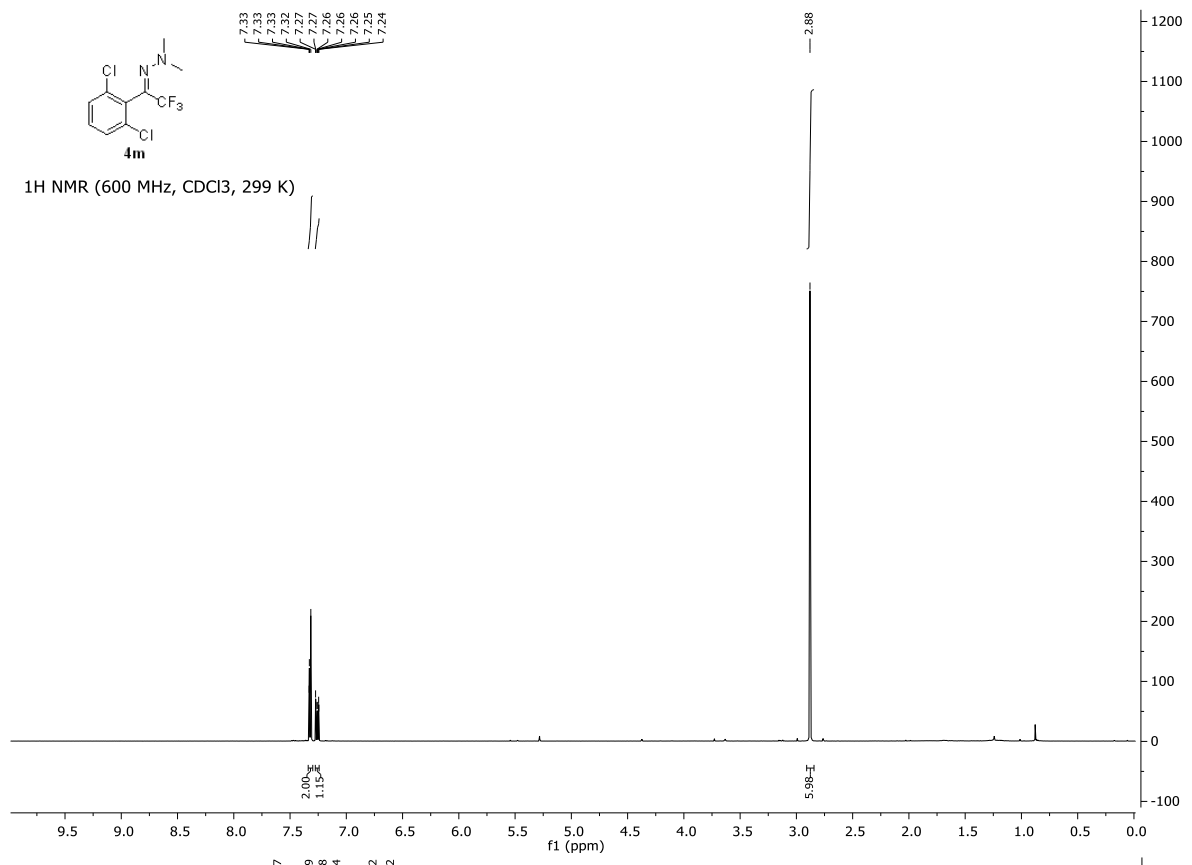
¹⁹F NMR (564 MHz, CDCl₃, 299 K)

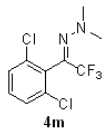


¹H NMR (600 MHz, CDCl₃, 299 K)

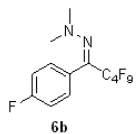
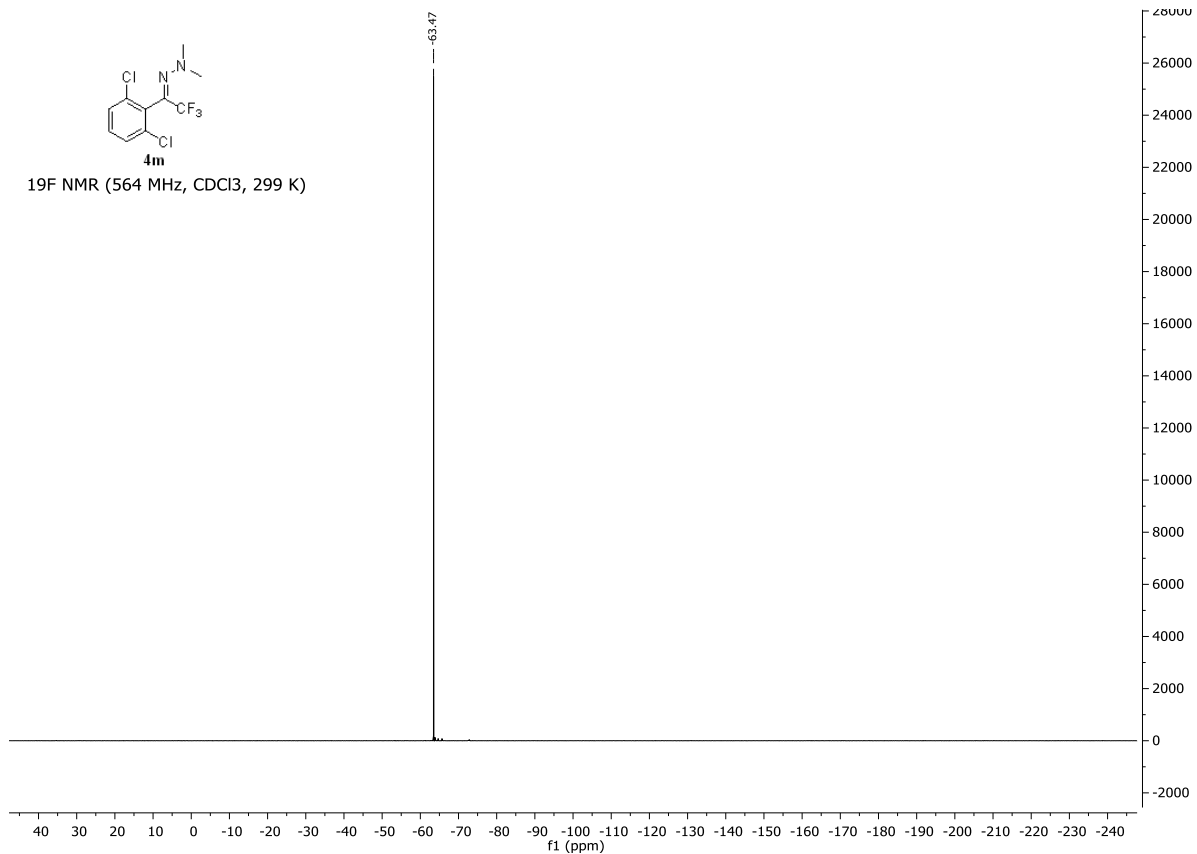




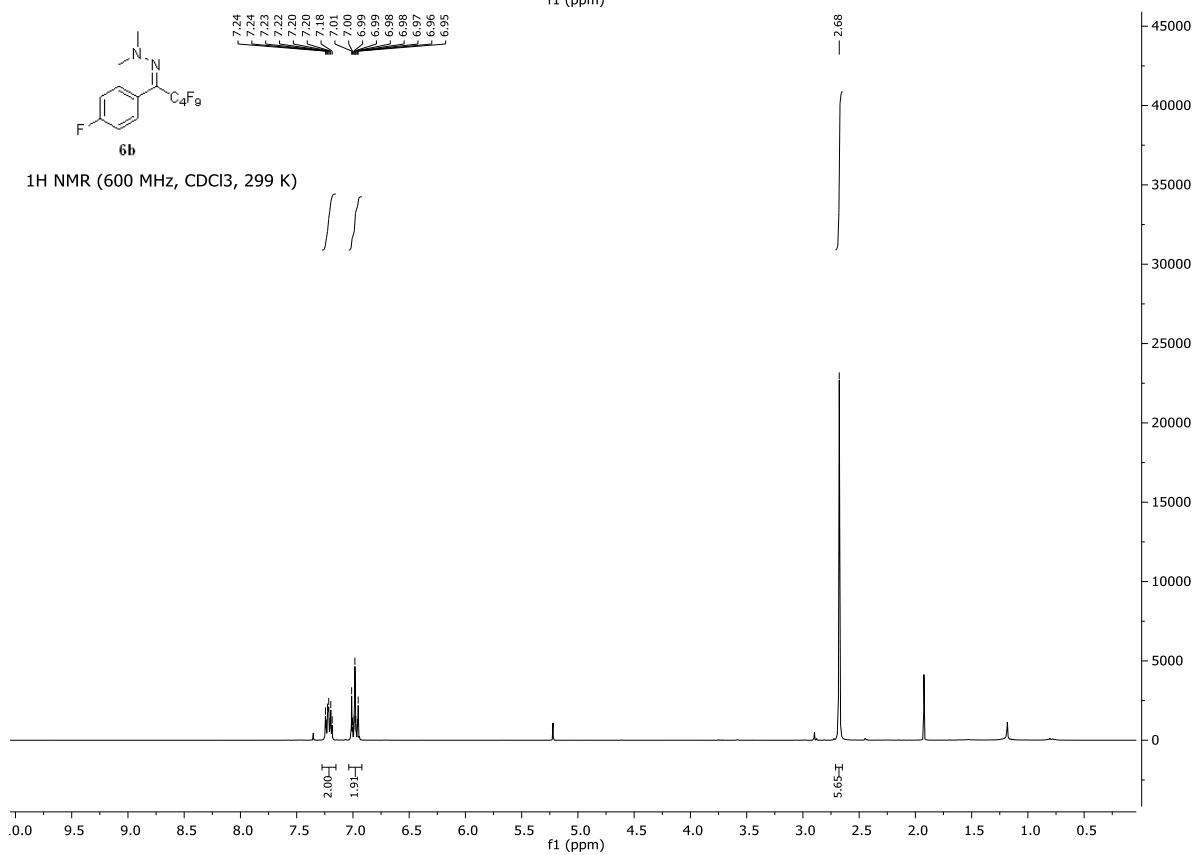


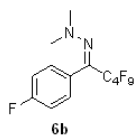


4m
19F NMR (564 MHz, CDCl₃, 299 K)

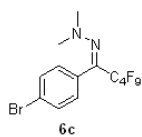
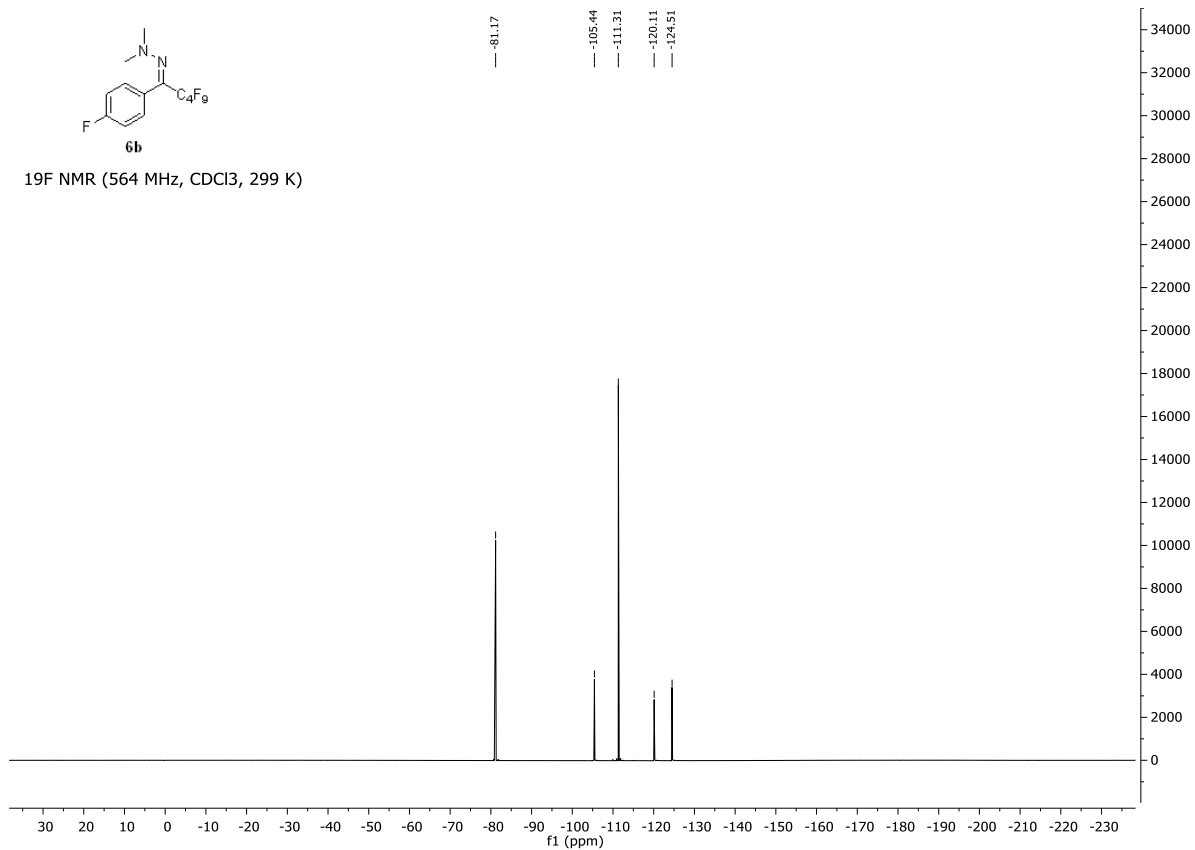


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1H NMR (600 MHz, CDCl₃, 299 K)

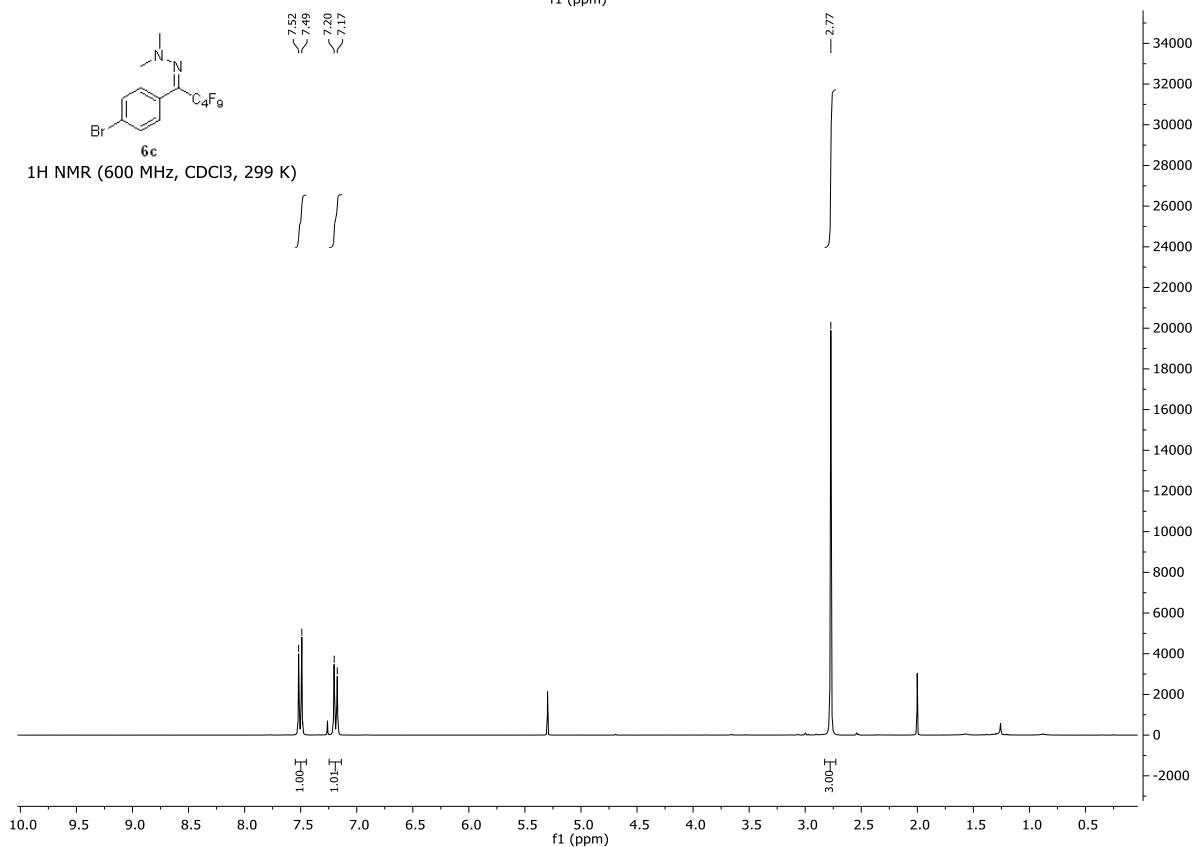


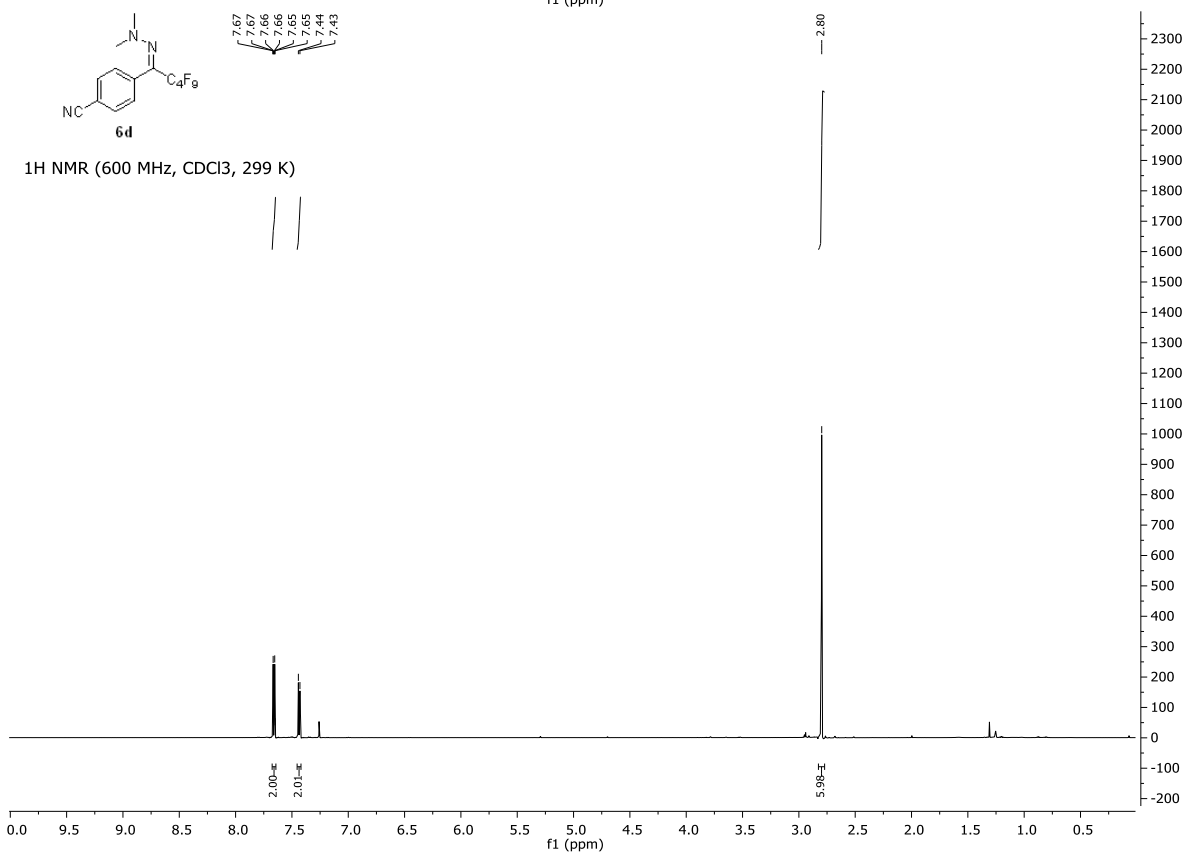
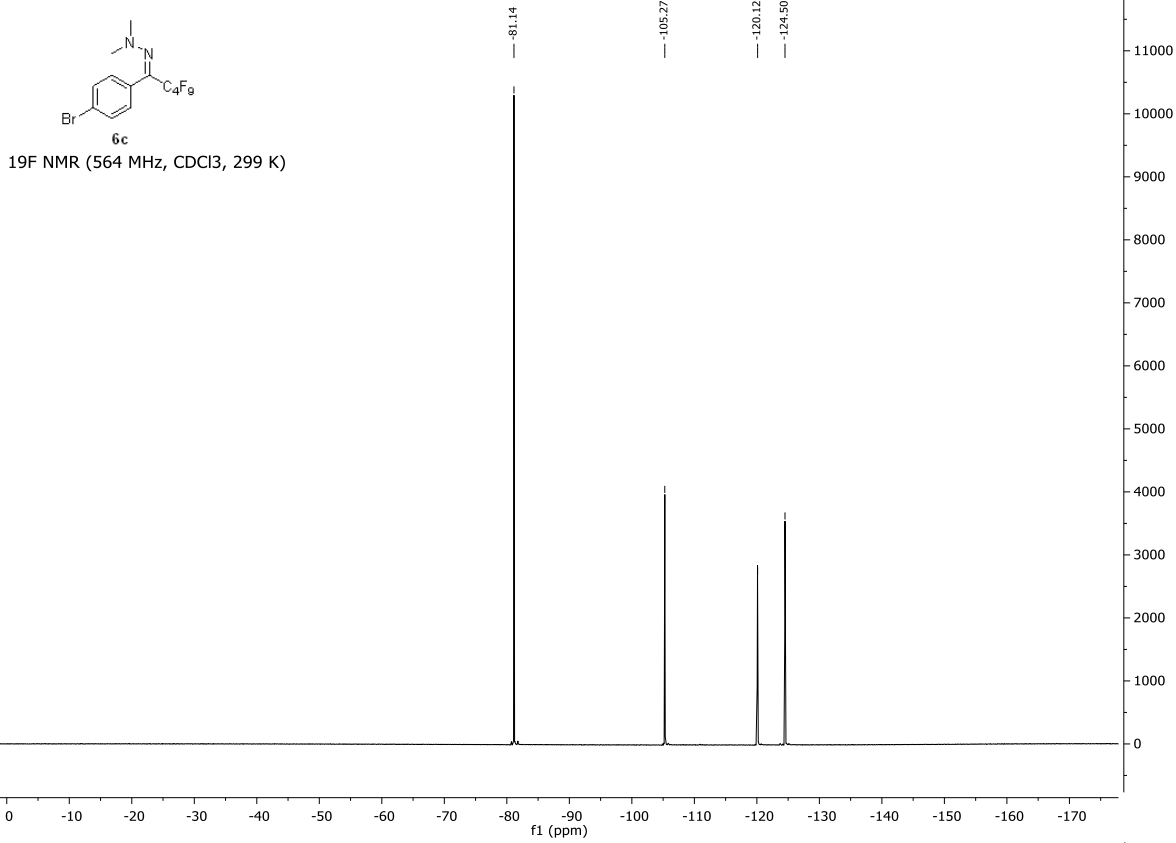


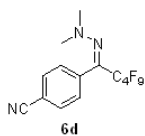
¹⁹F NMR (564 MHz, CDCl₃, 299 K)



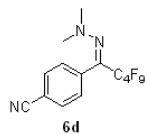
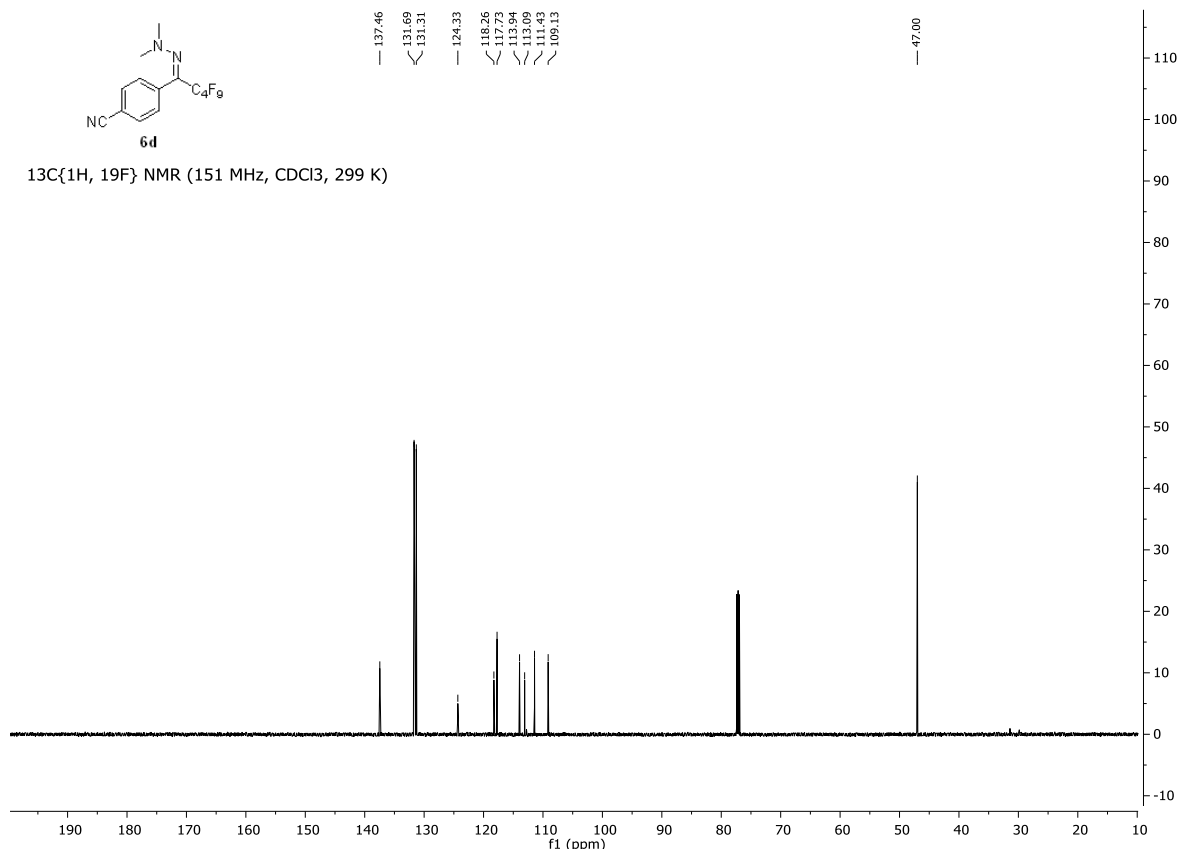
¹H NMR (600 MHz, CDCl₃, 299 K)



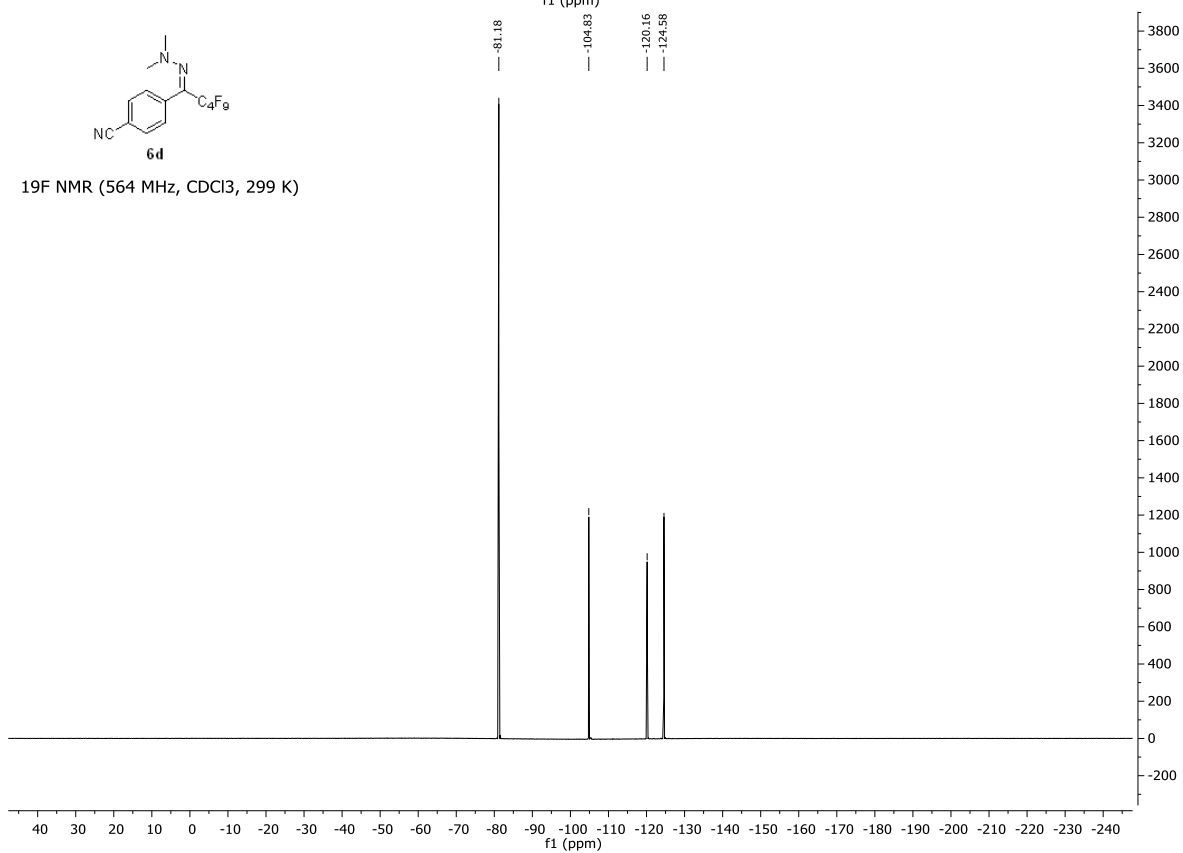


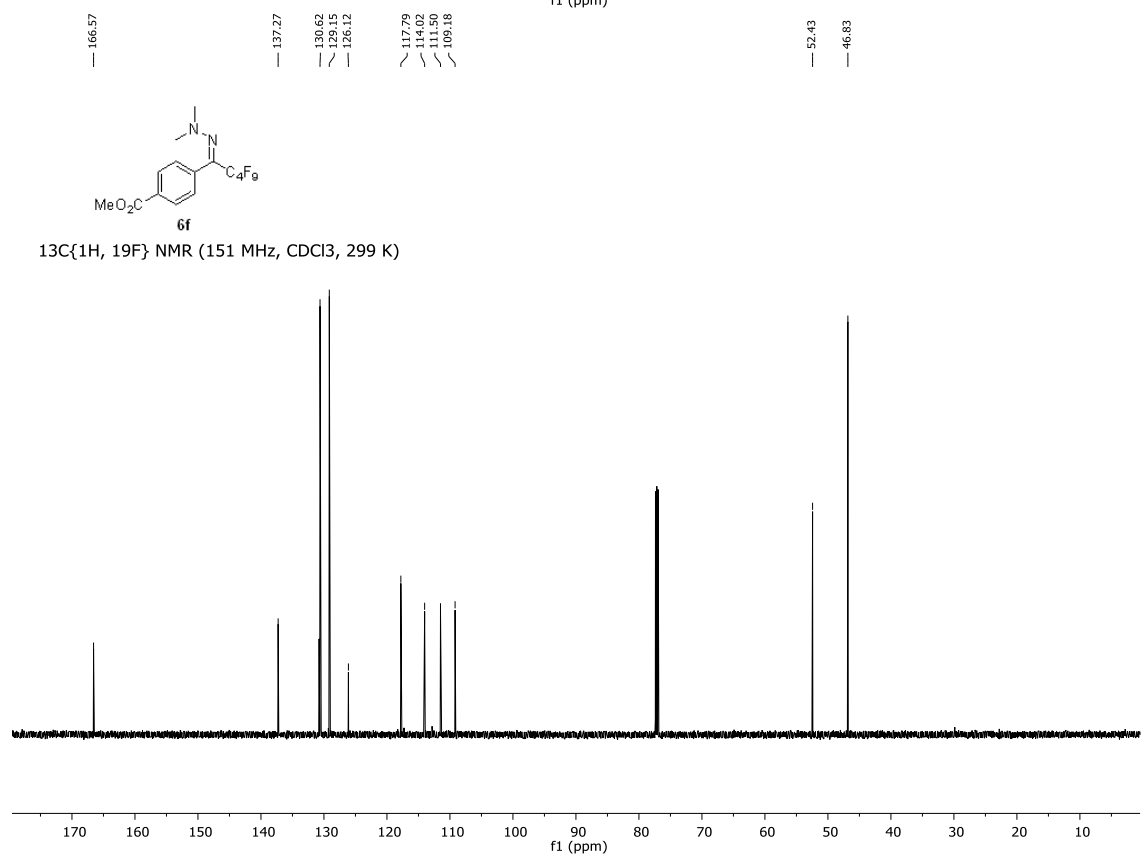
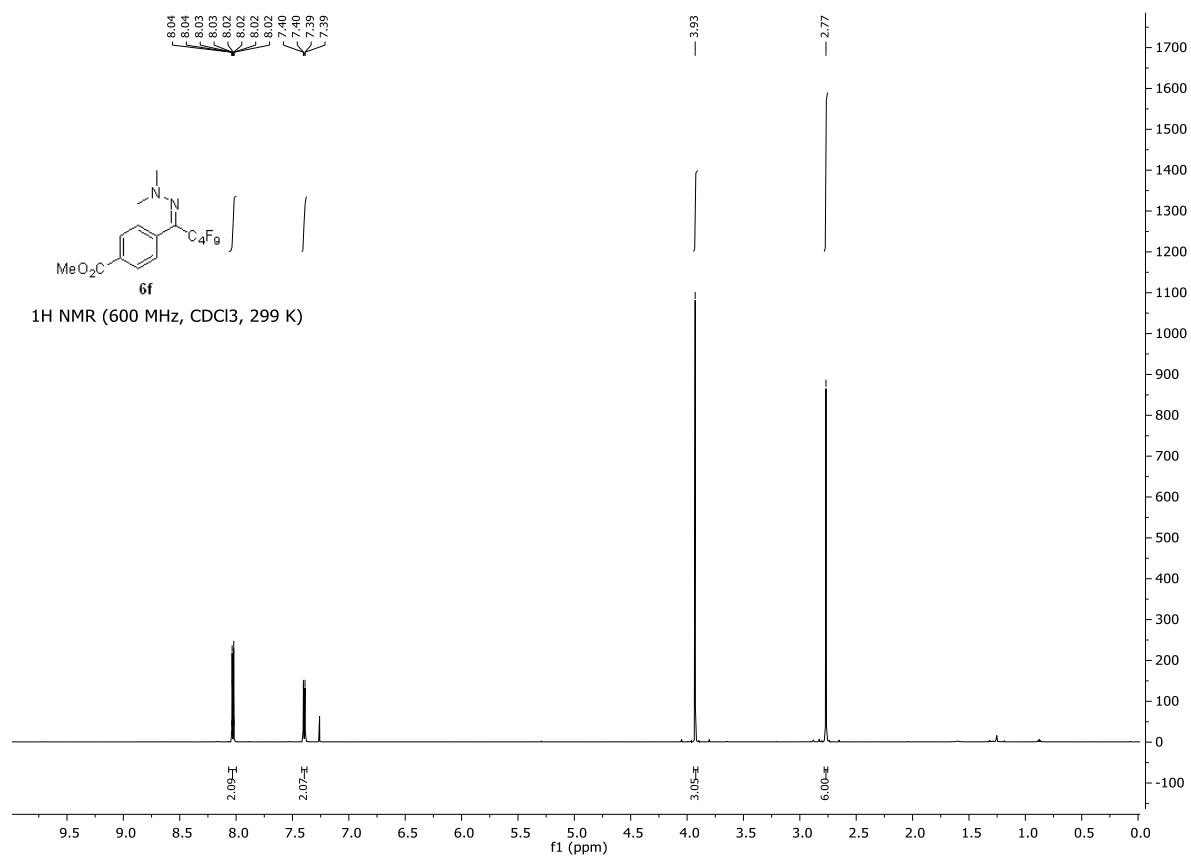


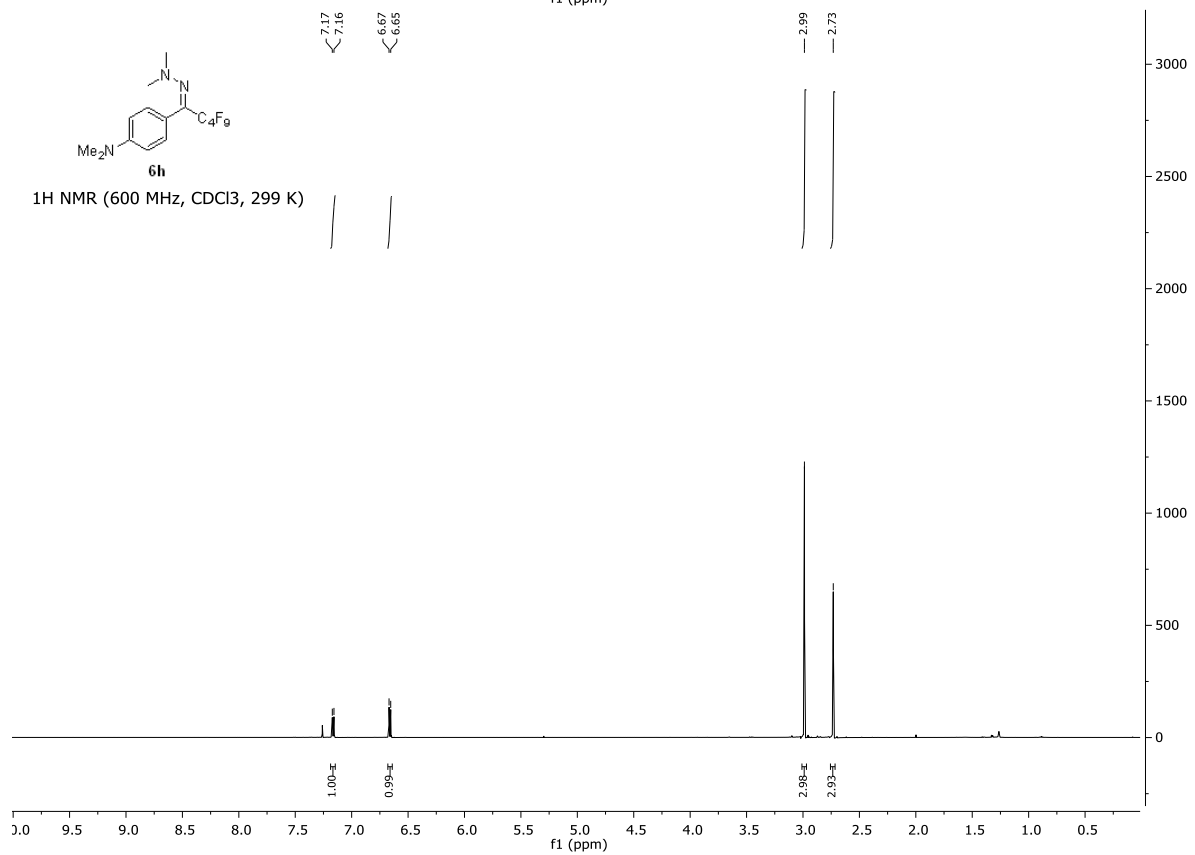
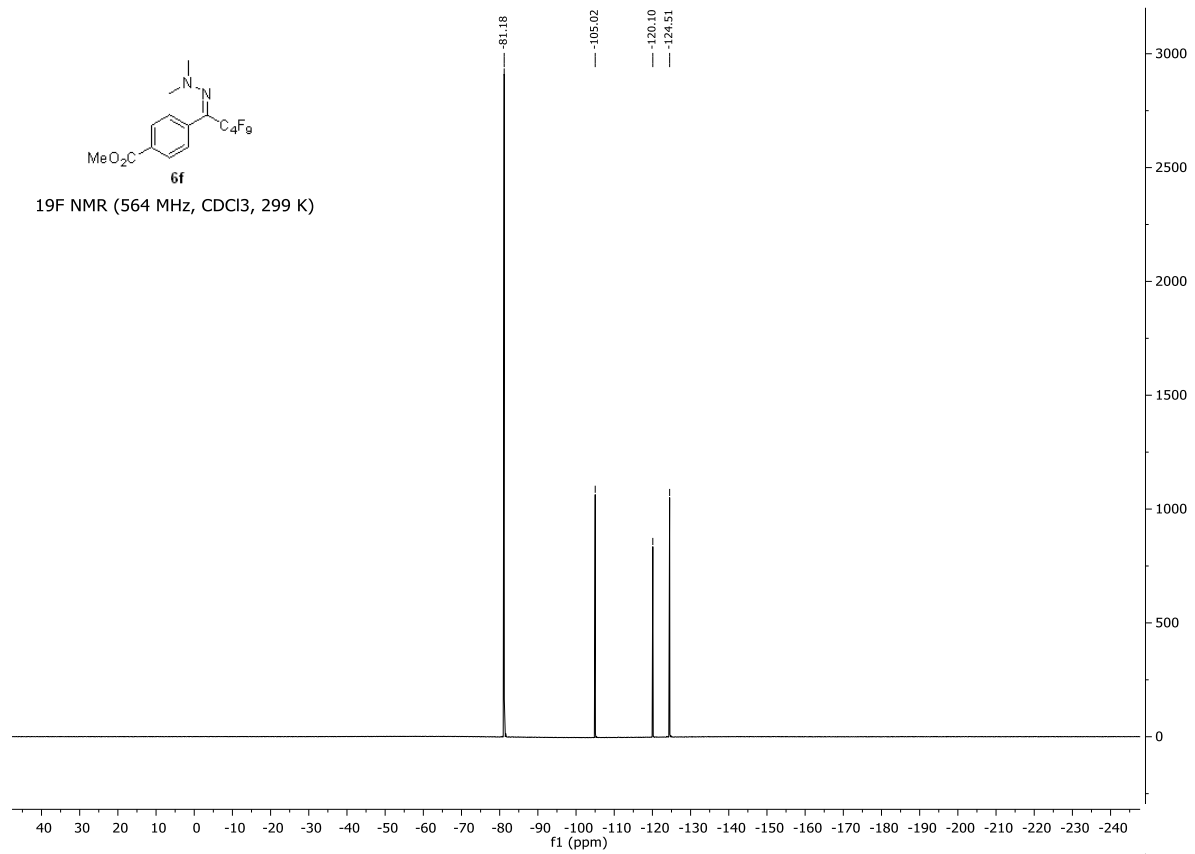
$^{13}\text{C}\{^1\text{H}, ^{19}\text{F}\}$ NMR (151 MHz, CDCl_3 , 299 K)

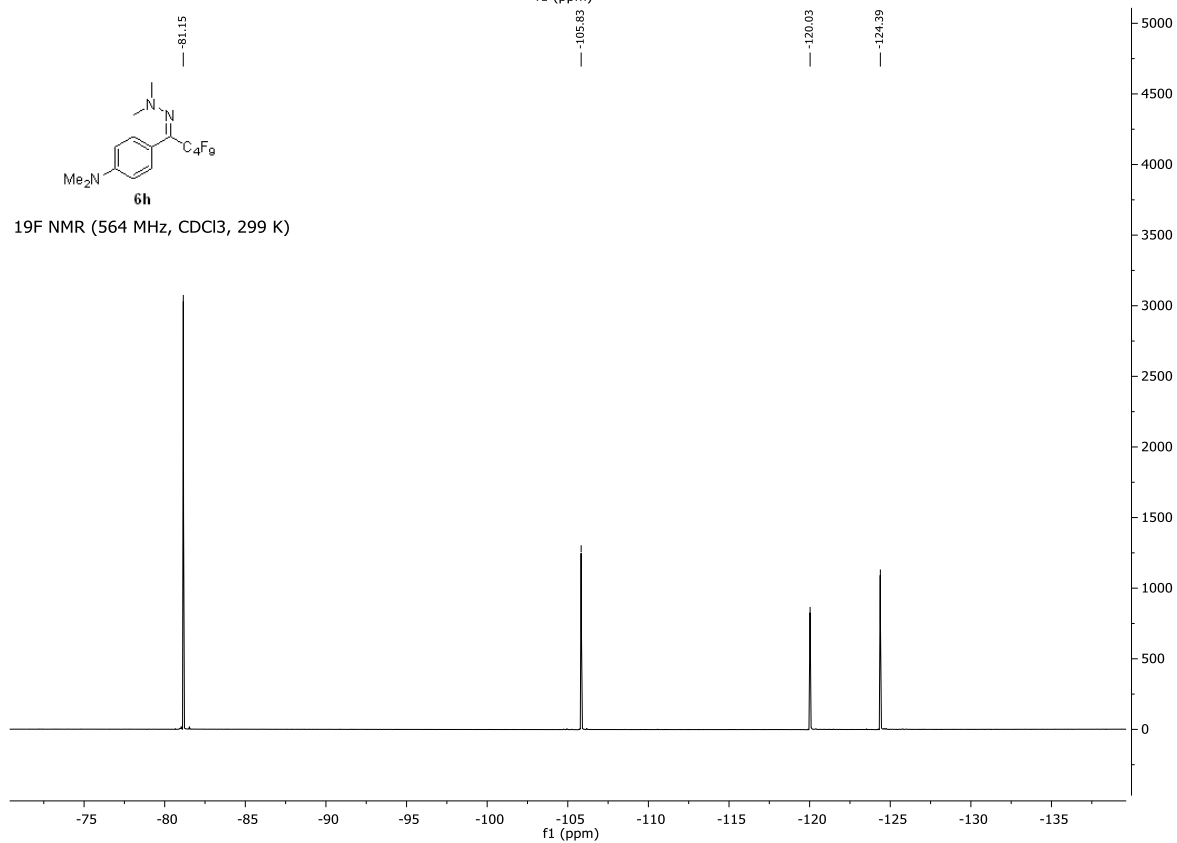
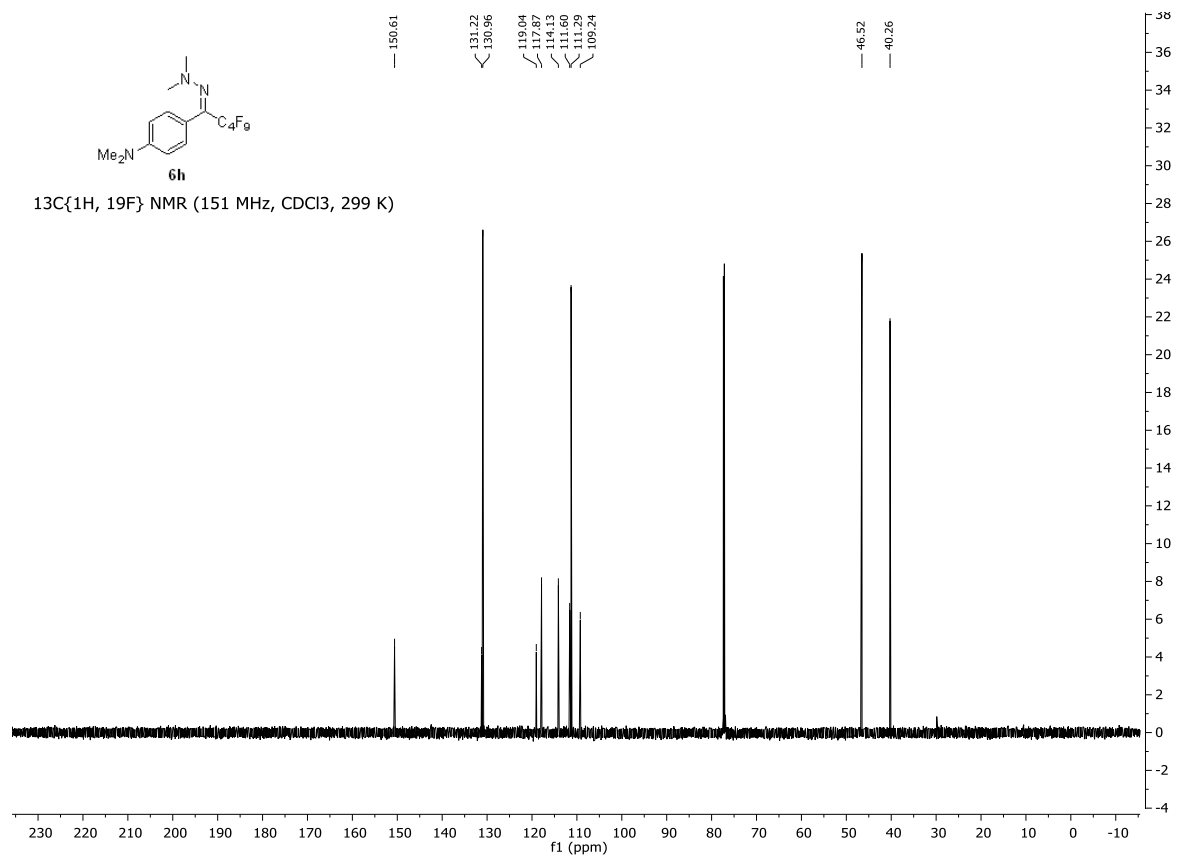


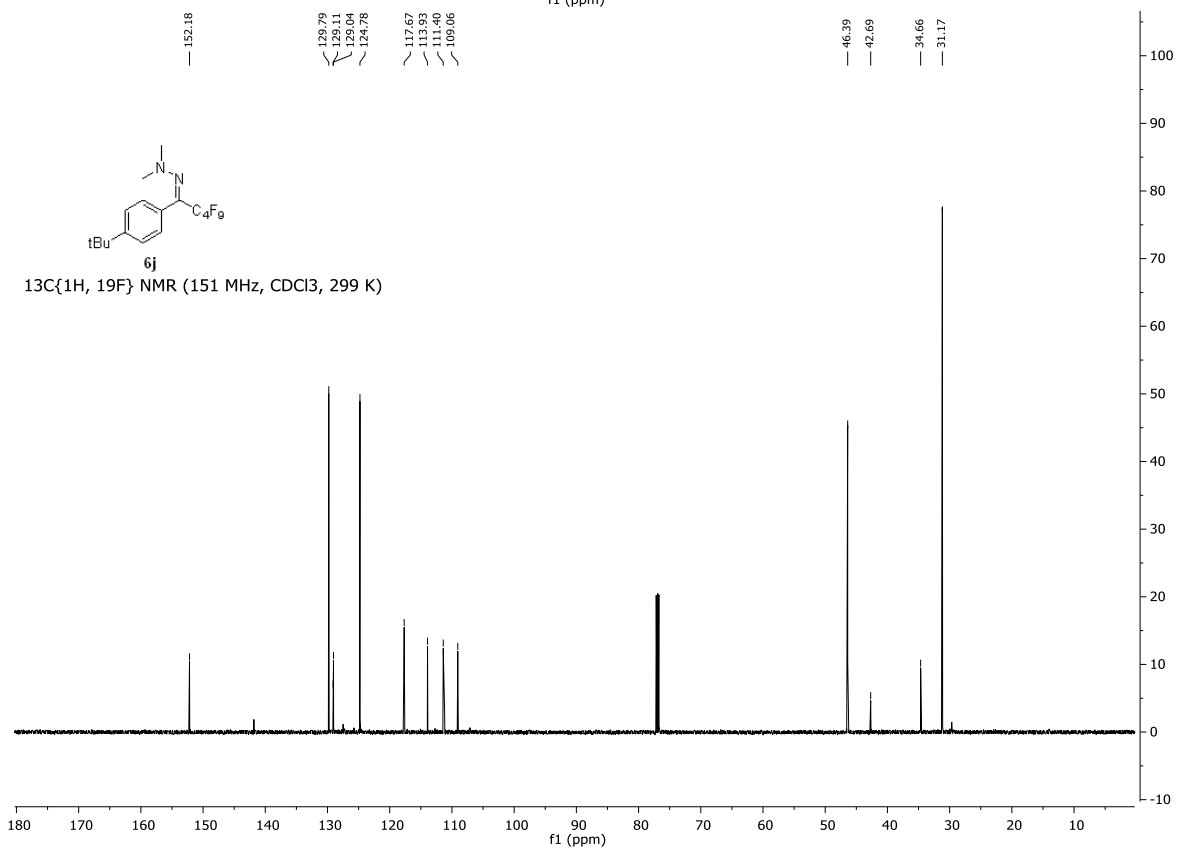
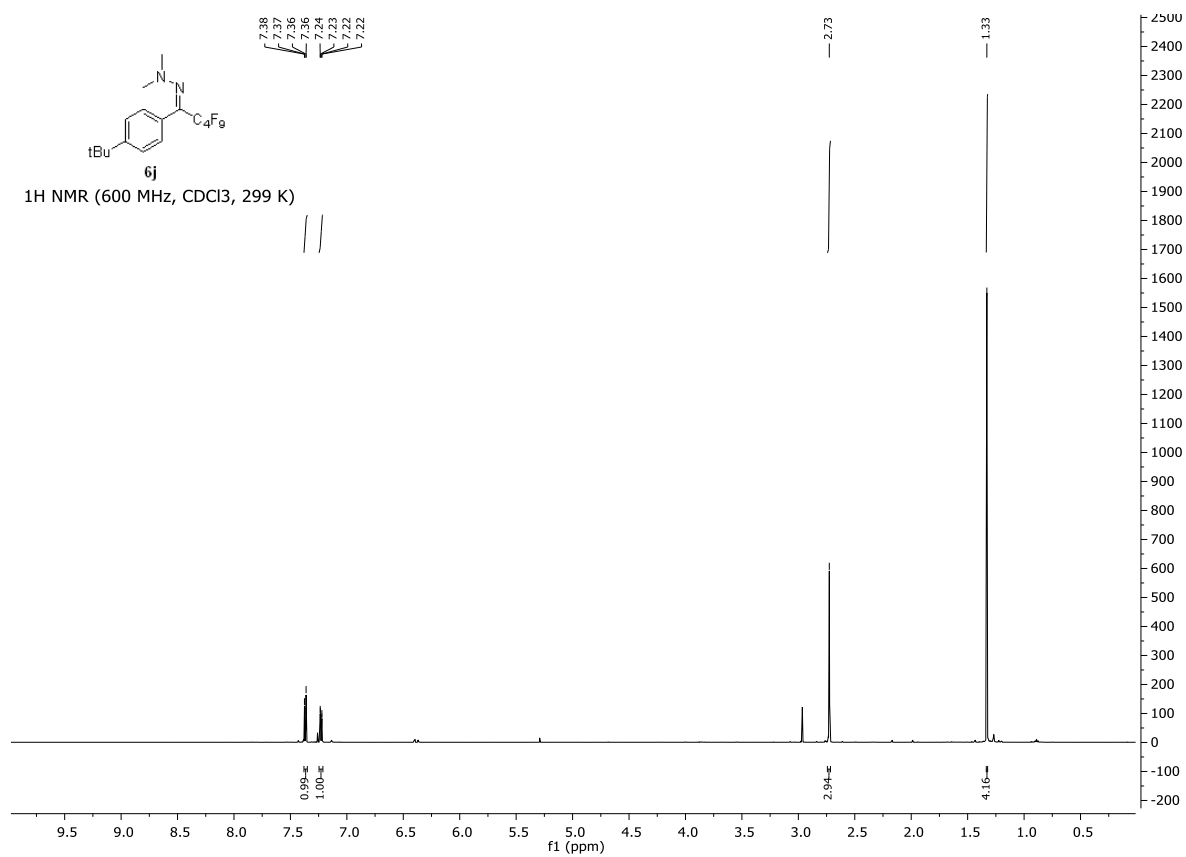
^{19}F NMR (564 MHz, CDCl_3 , 299 K)

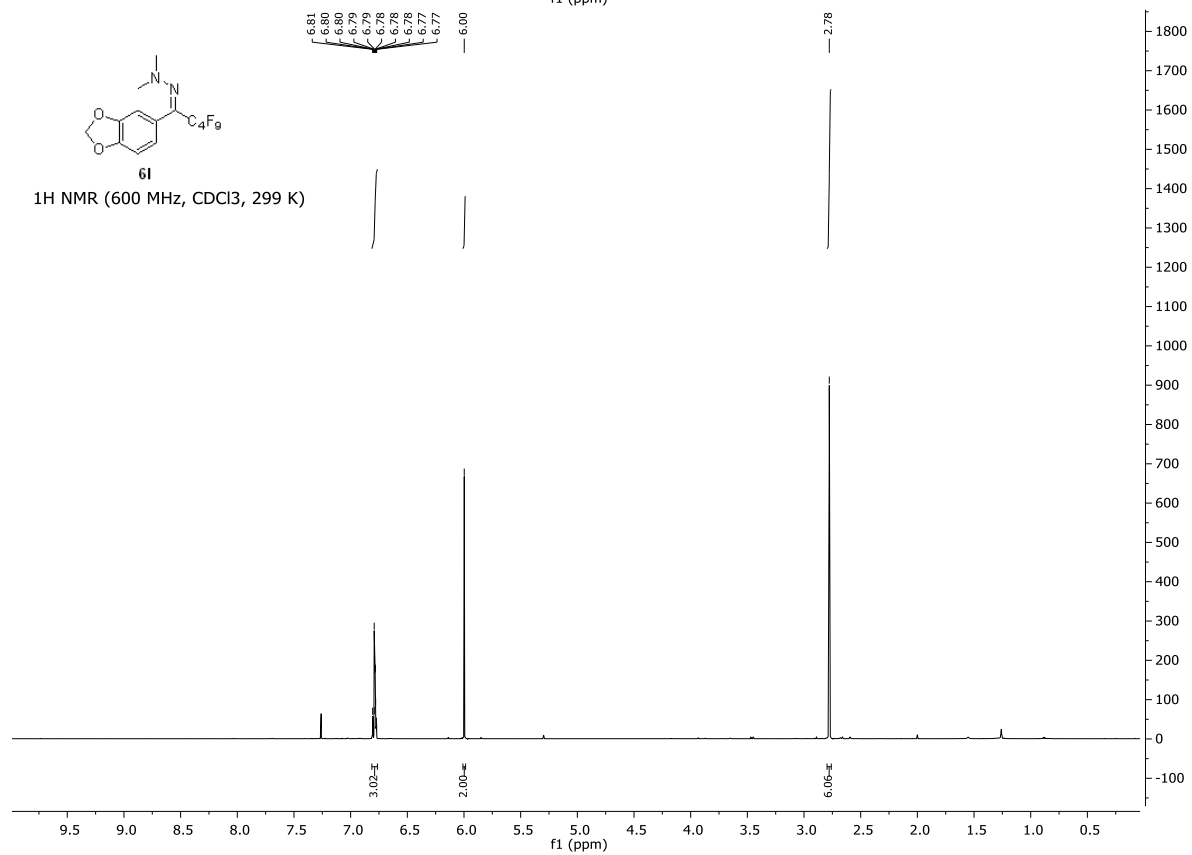
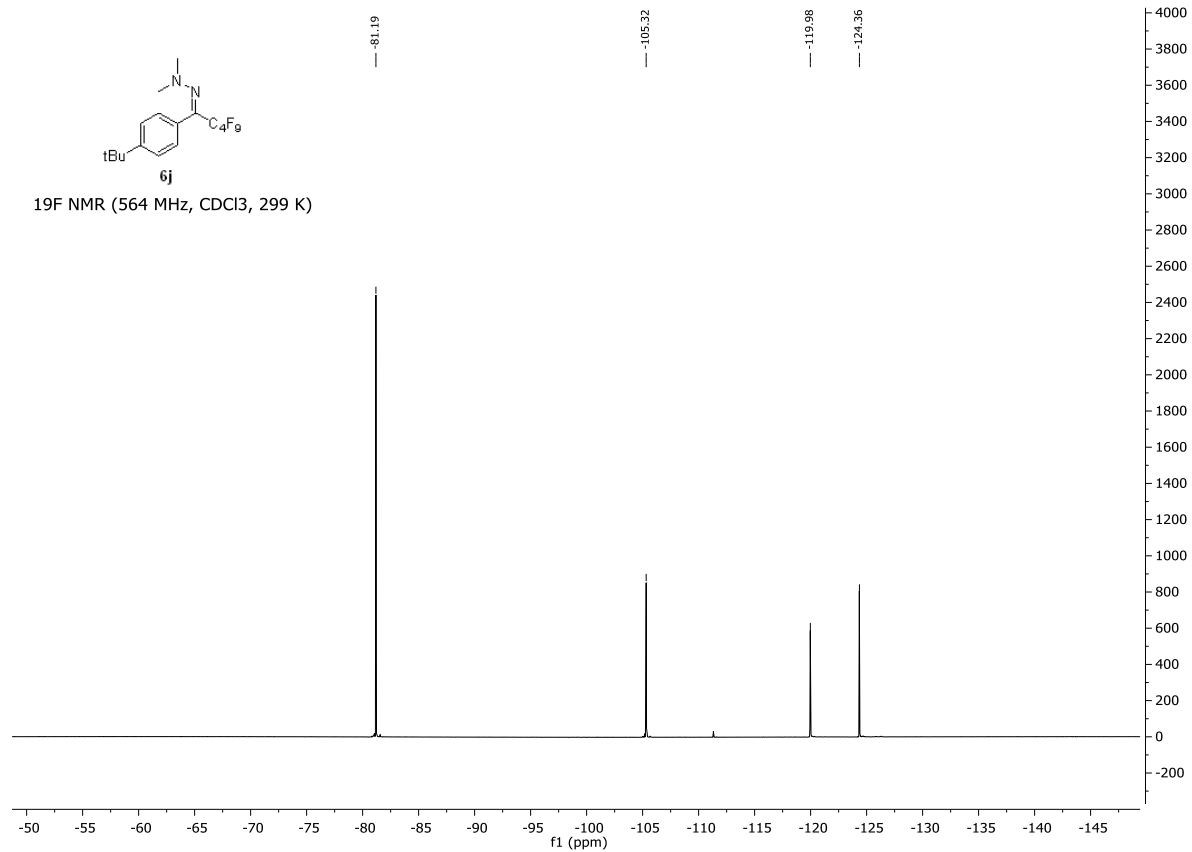


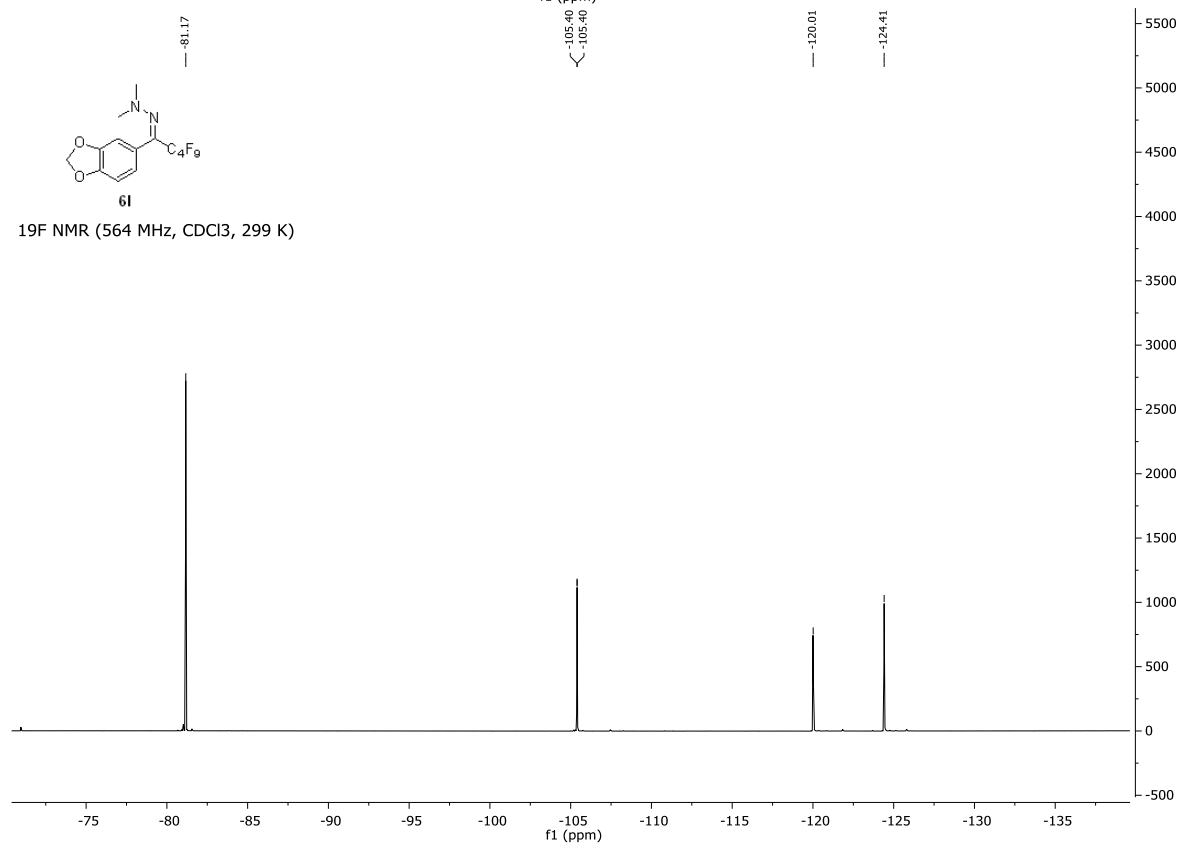
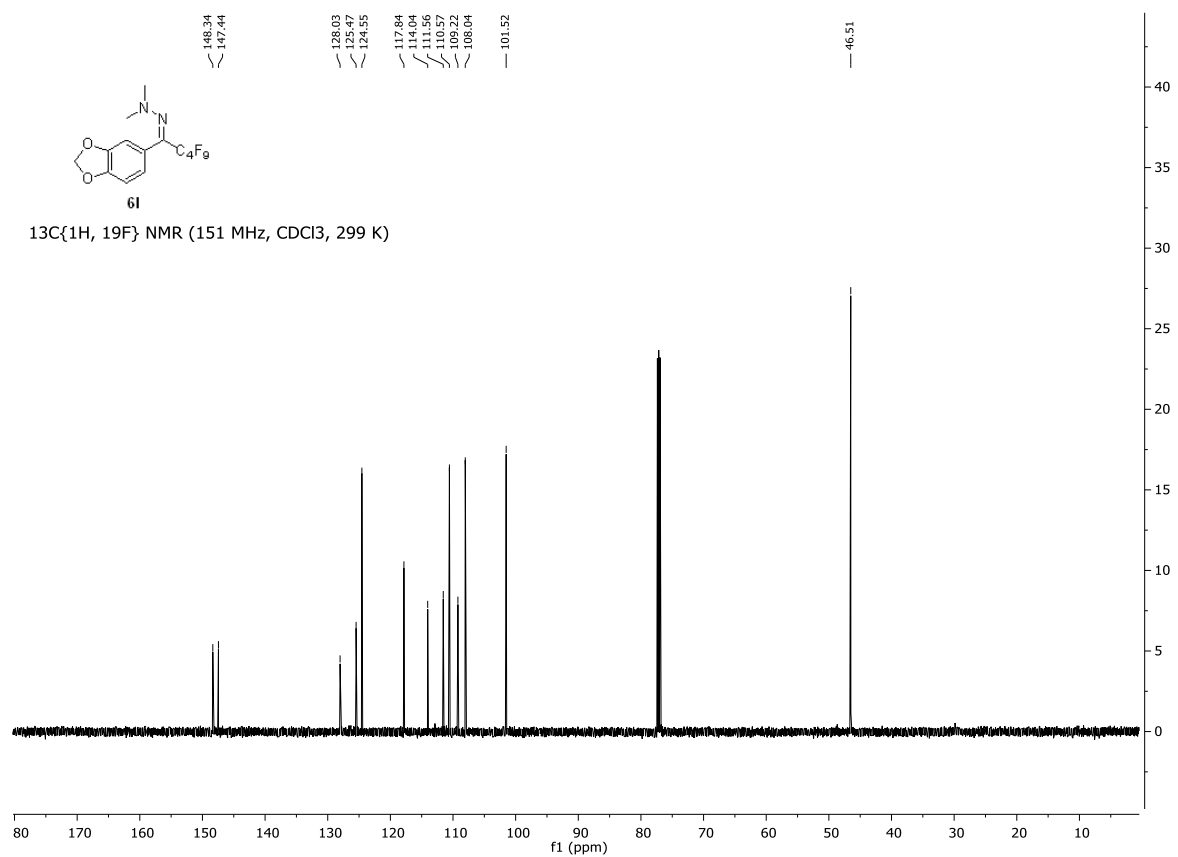


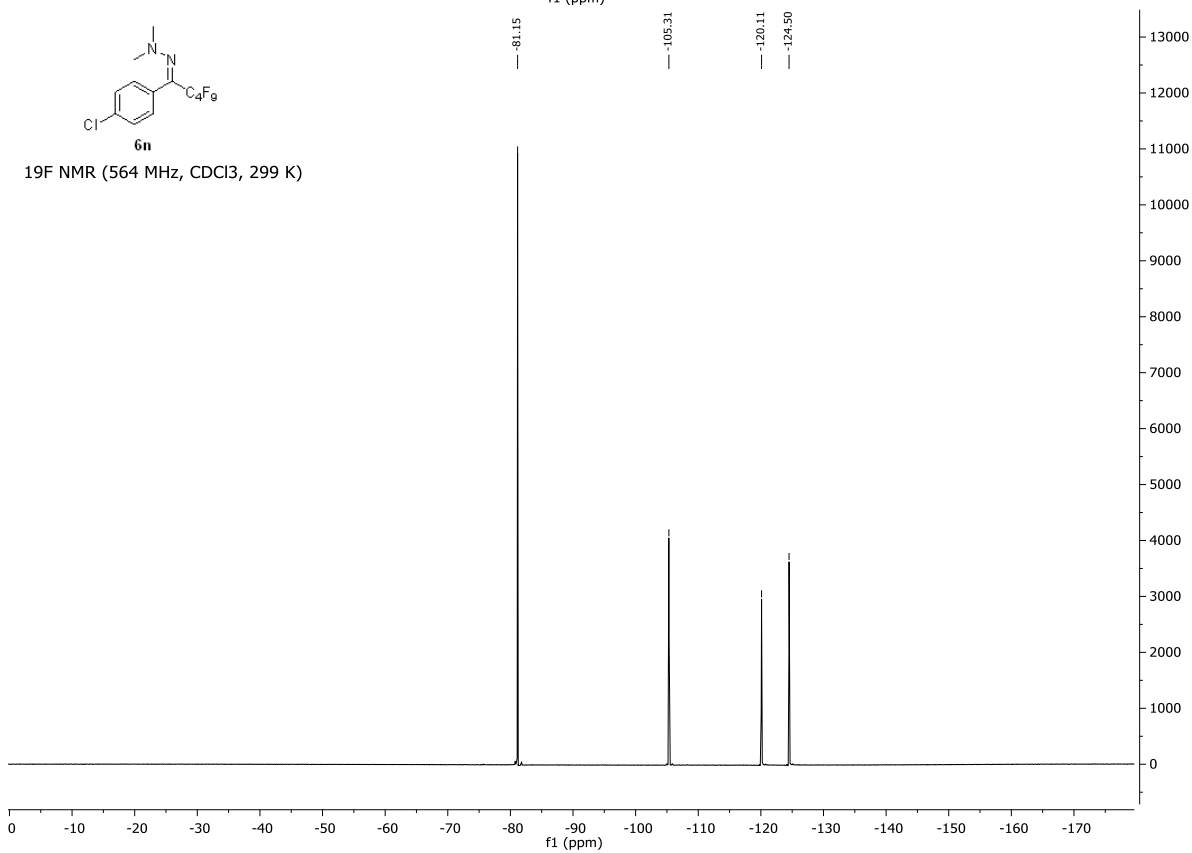
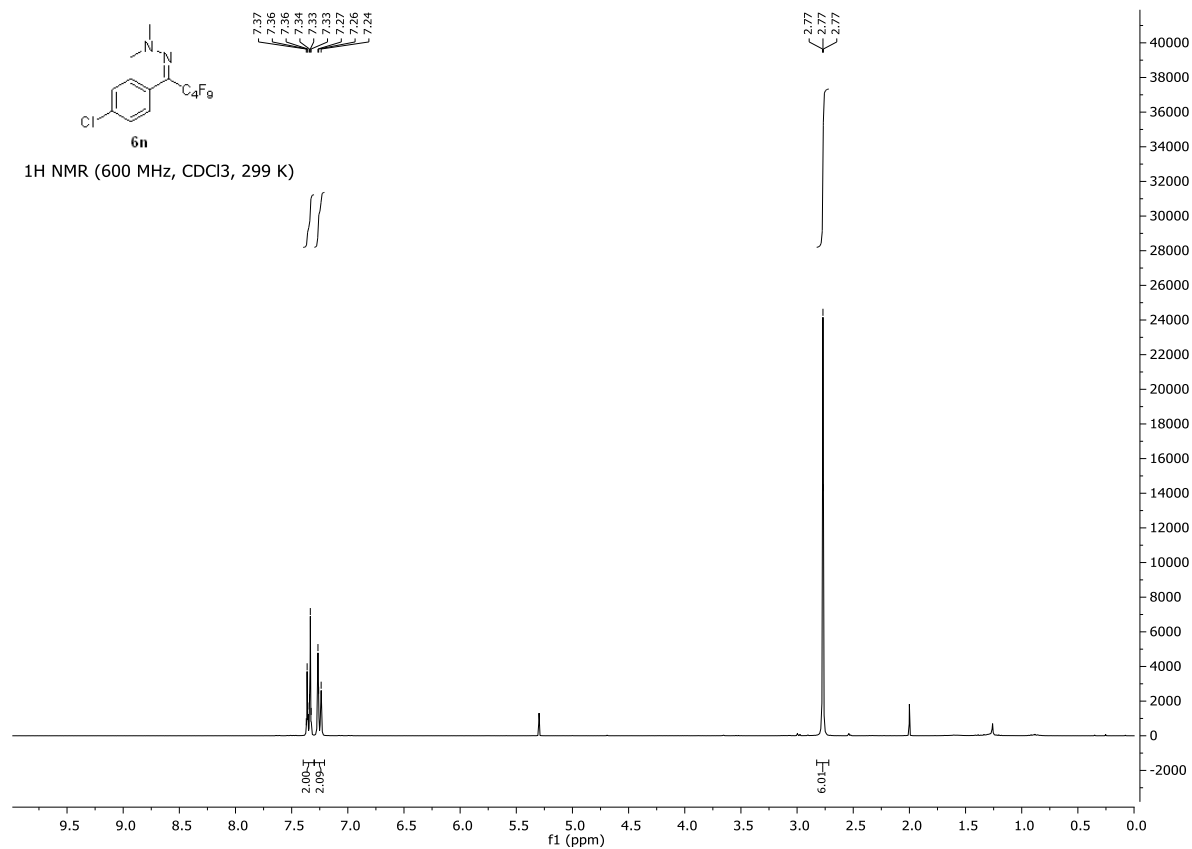


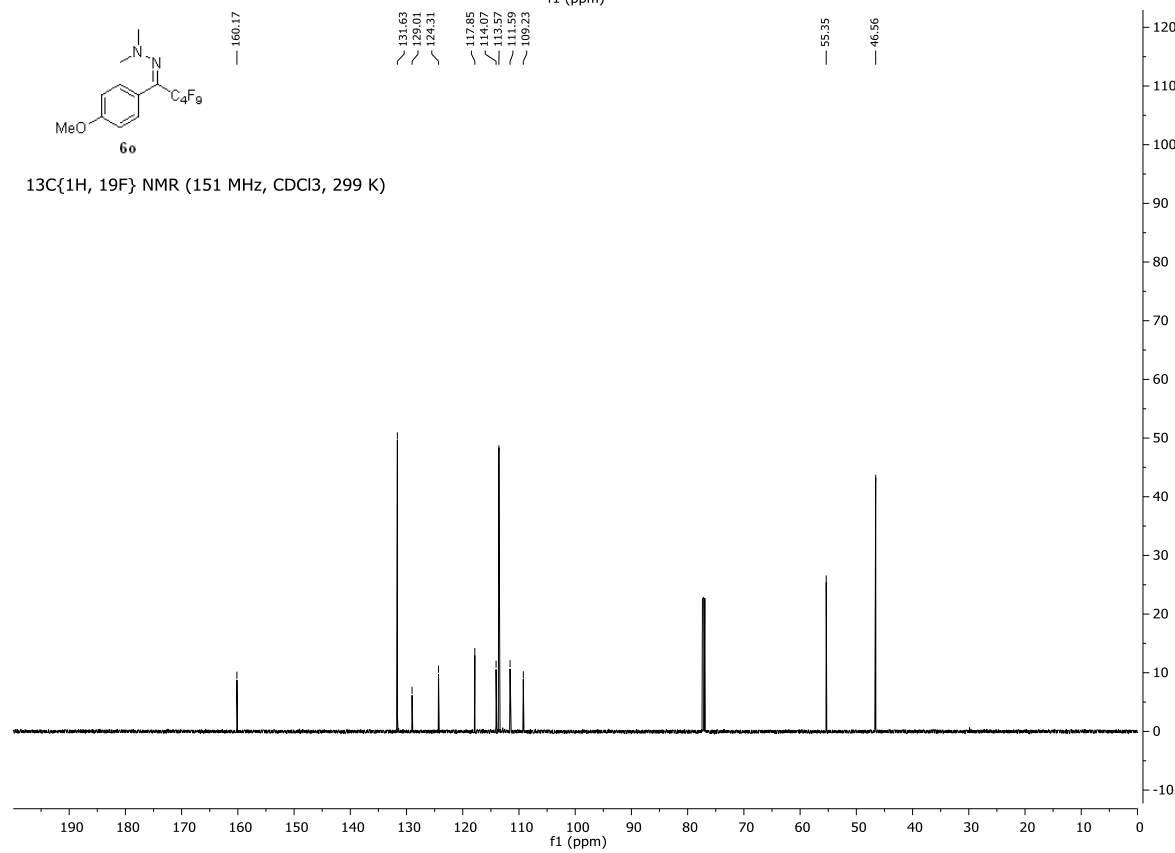
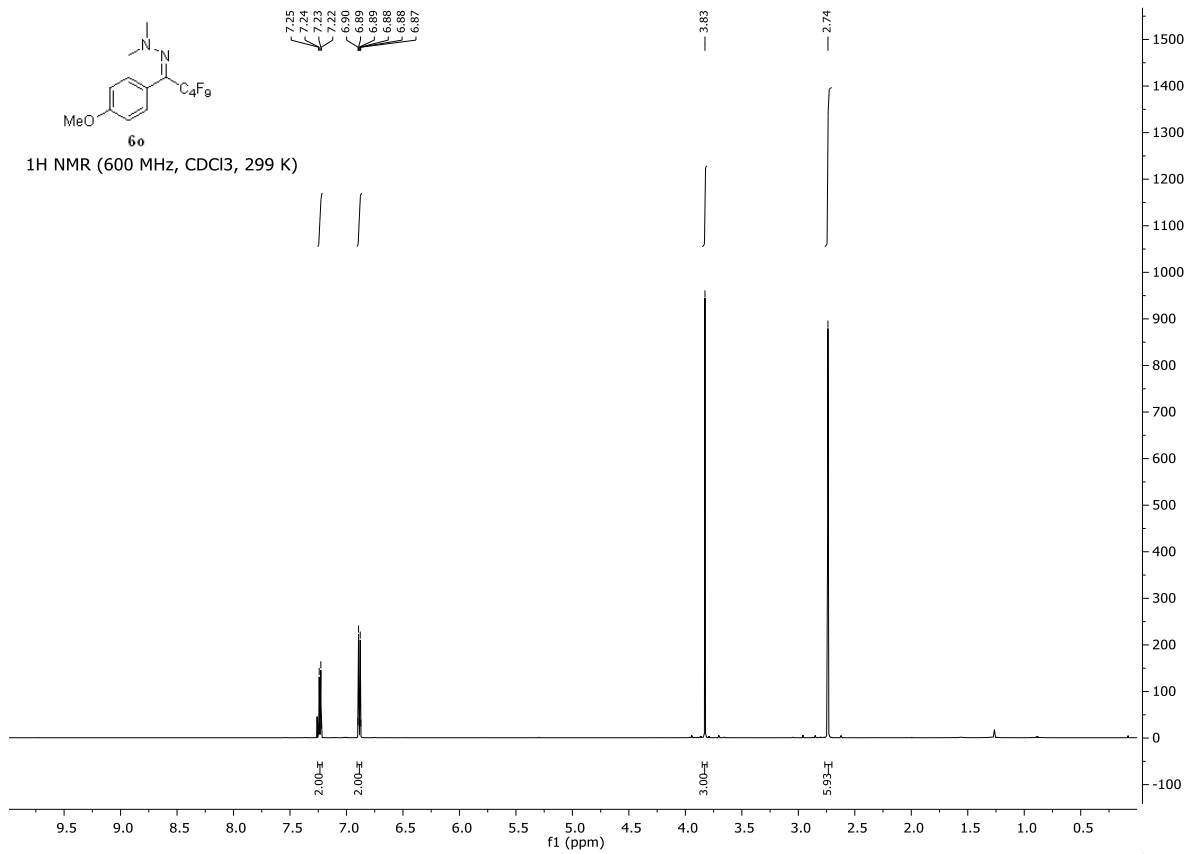


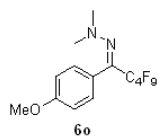




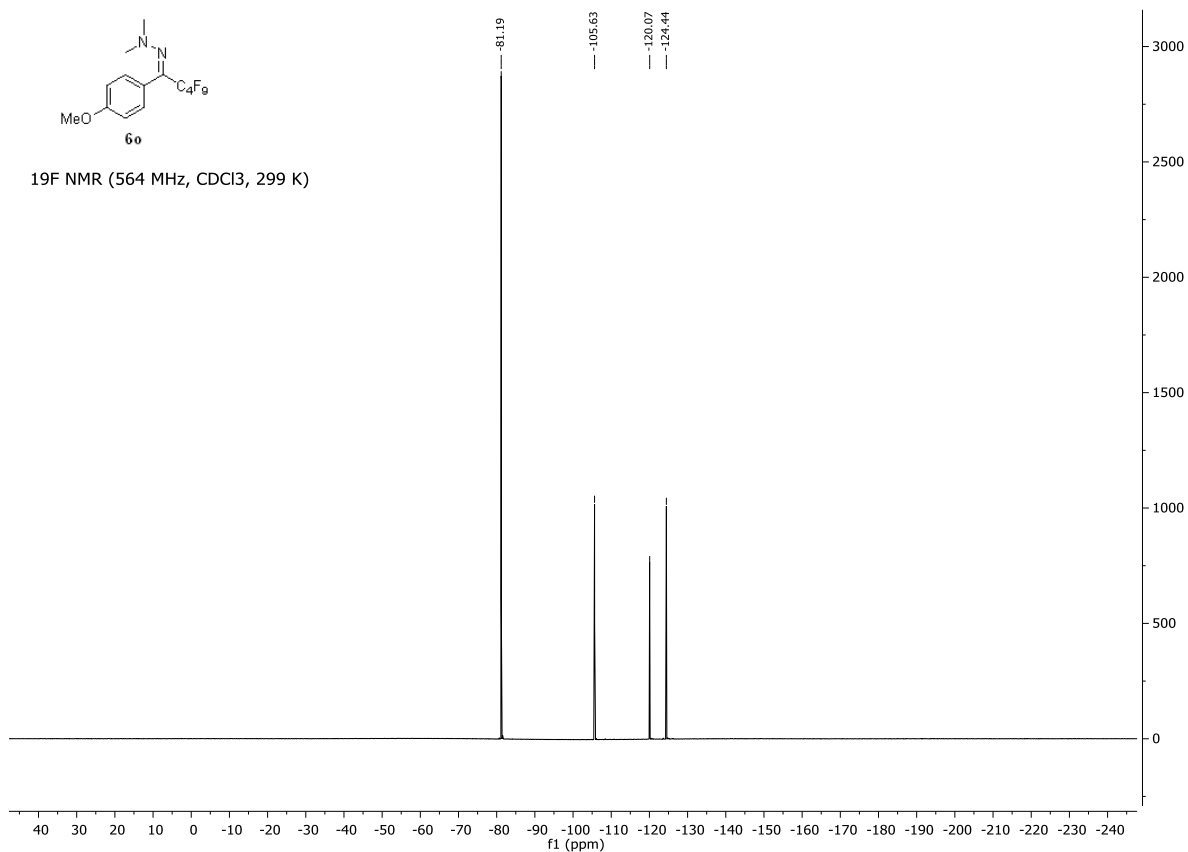




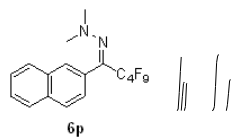




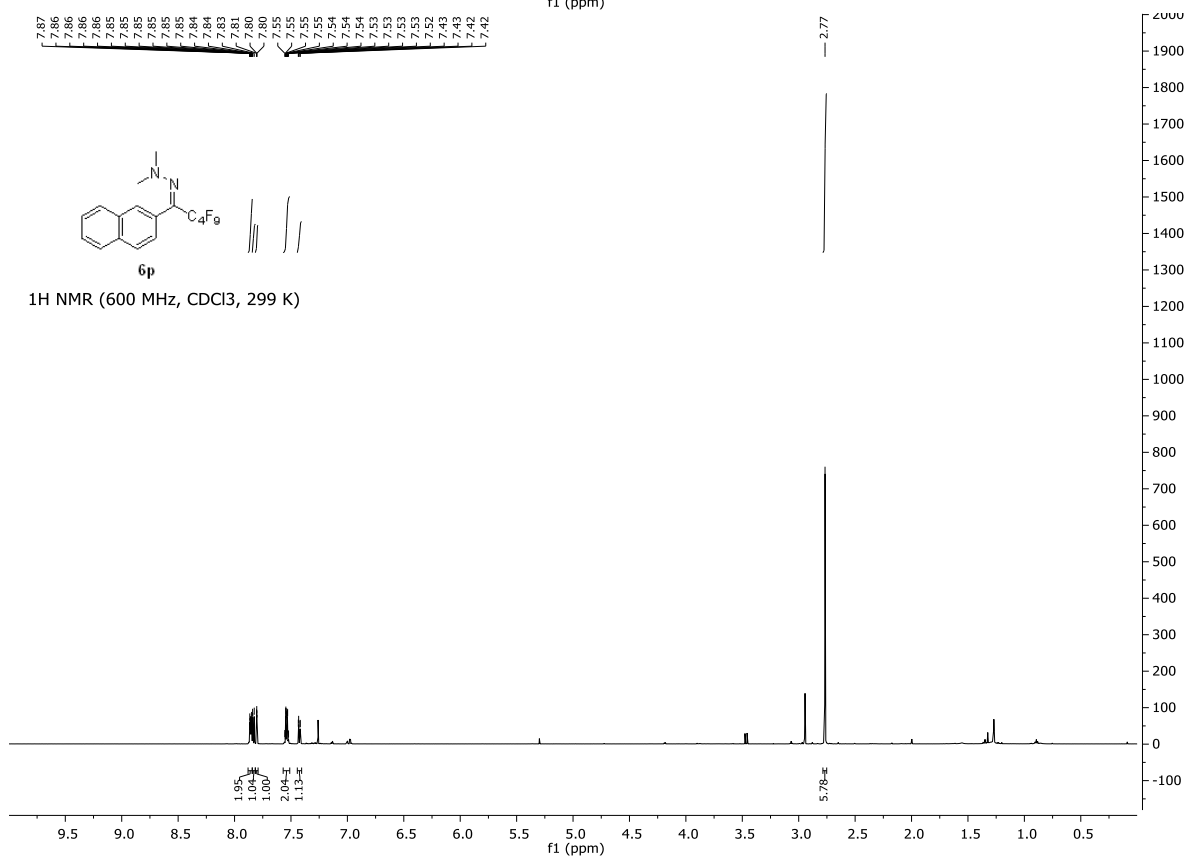
19F NMR (564 MHz, CDCl₃, 299 K)

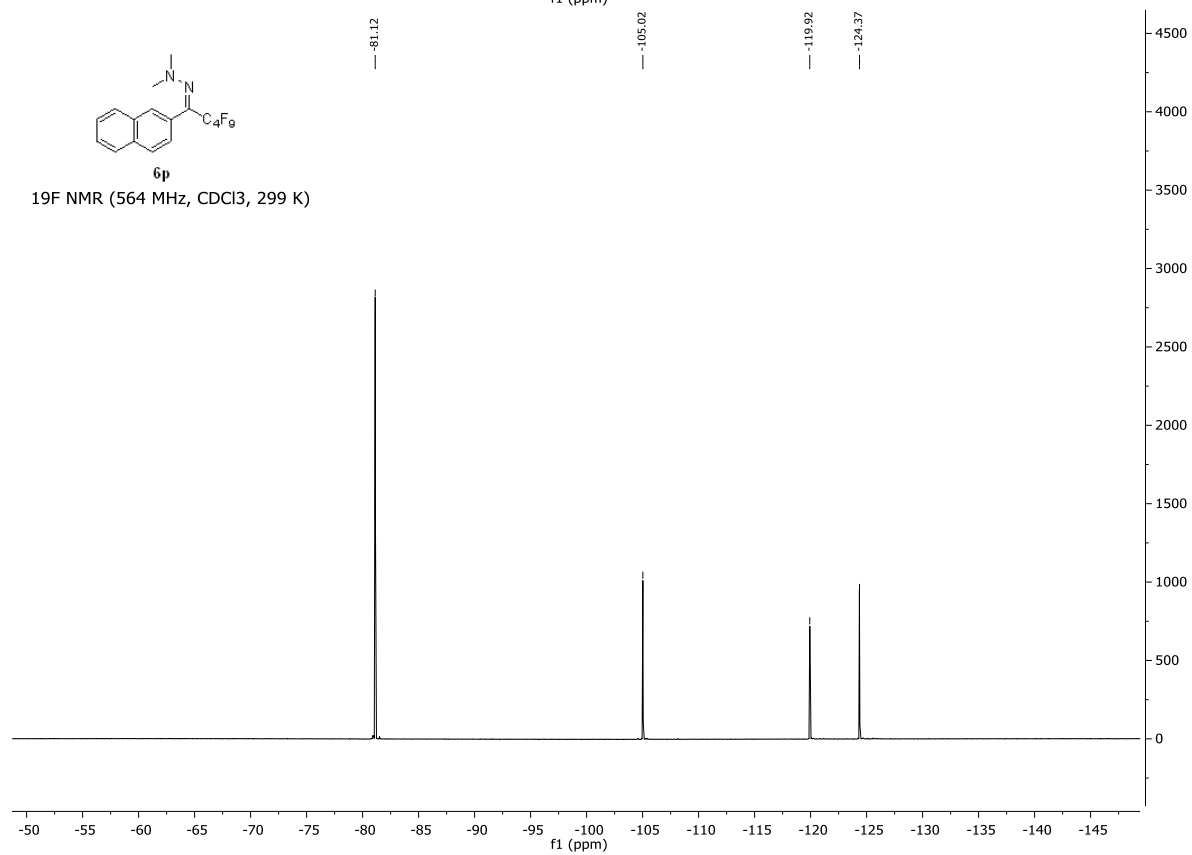
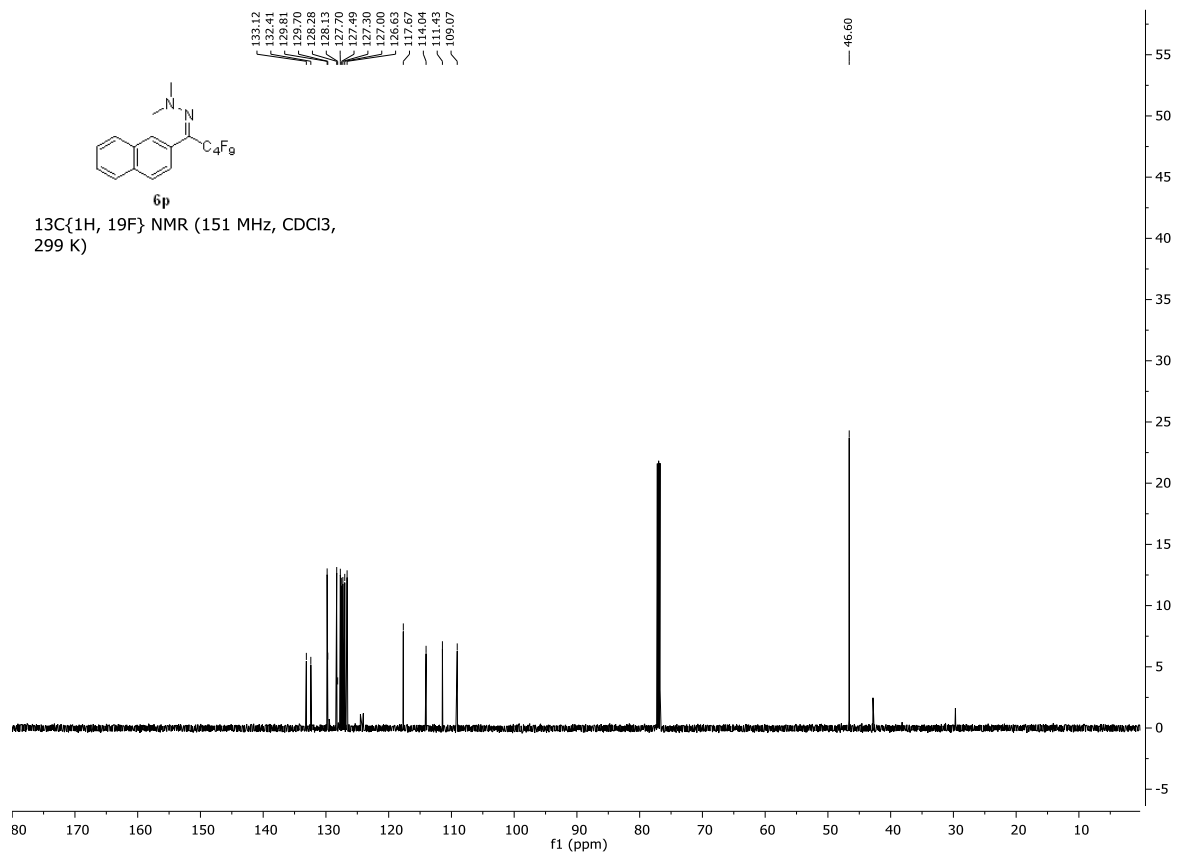


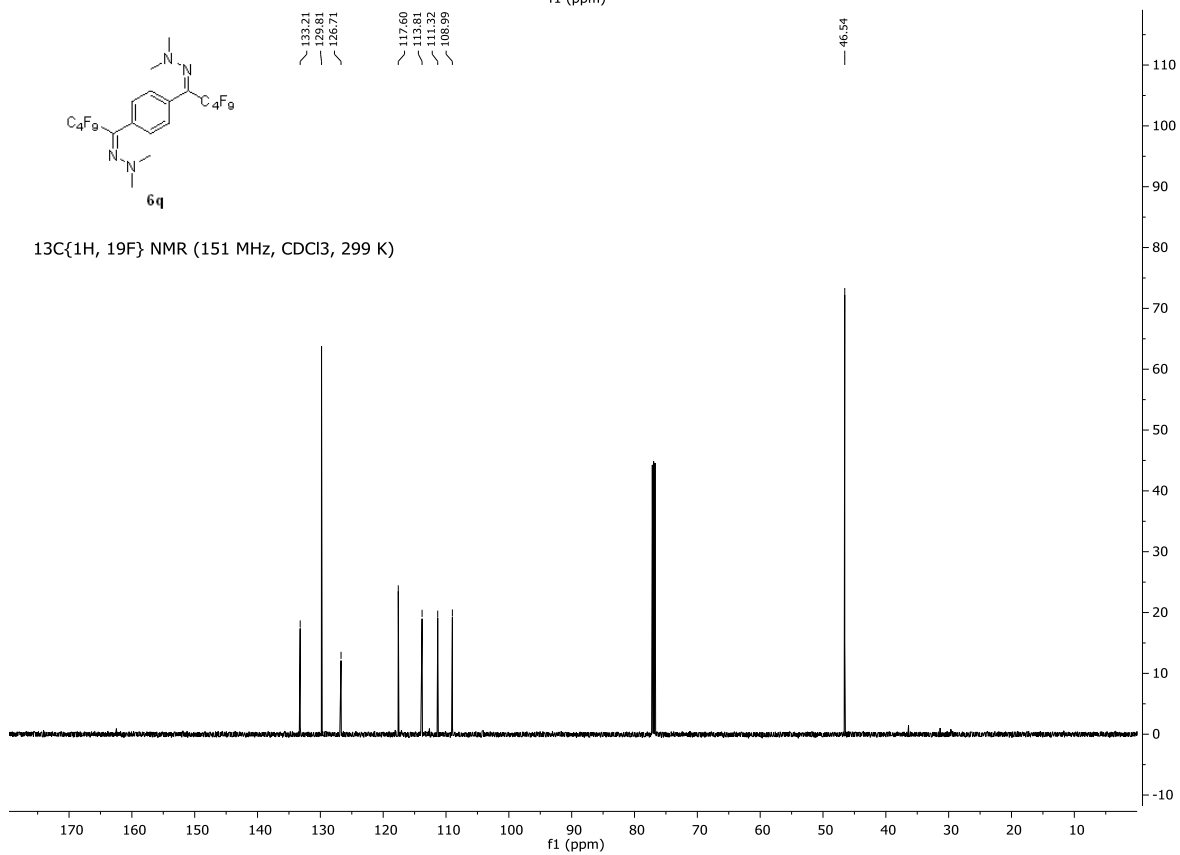
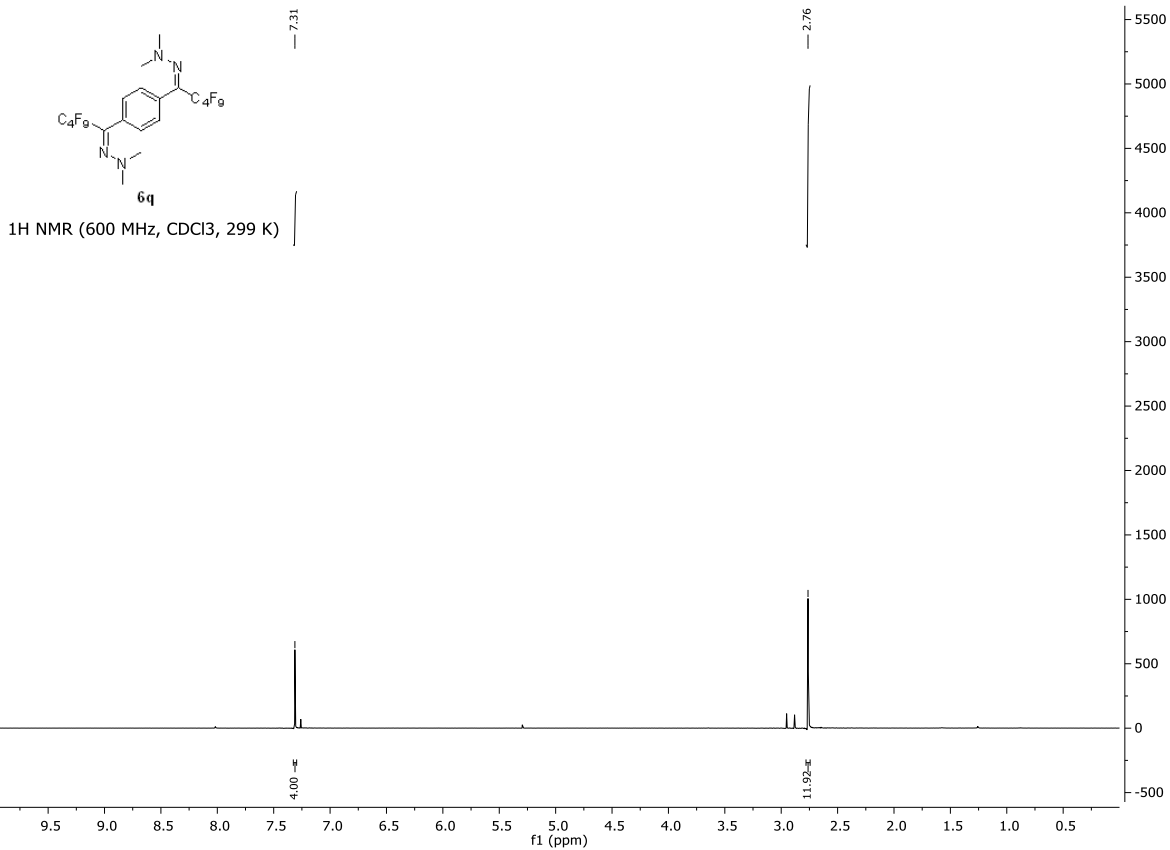
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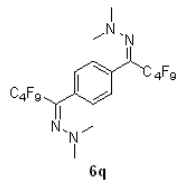


1H NMR (600 MHz, CDCl₃, 299 K)

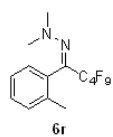
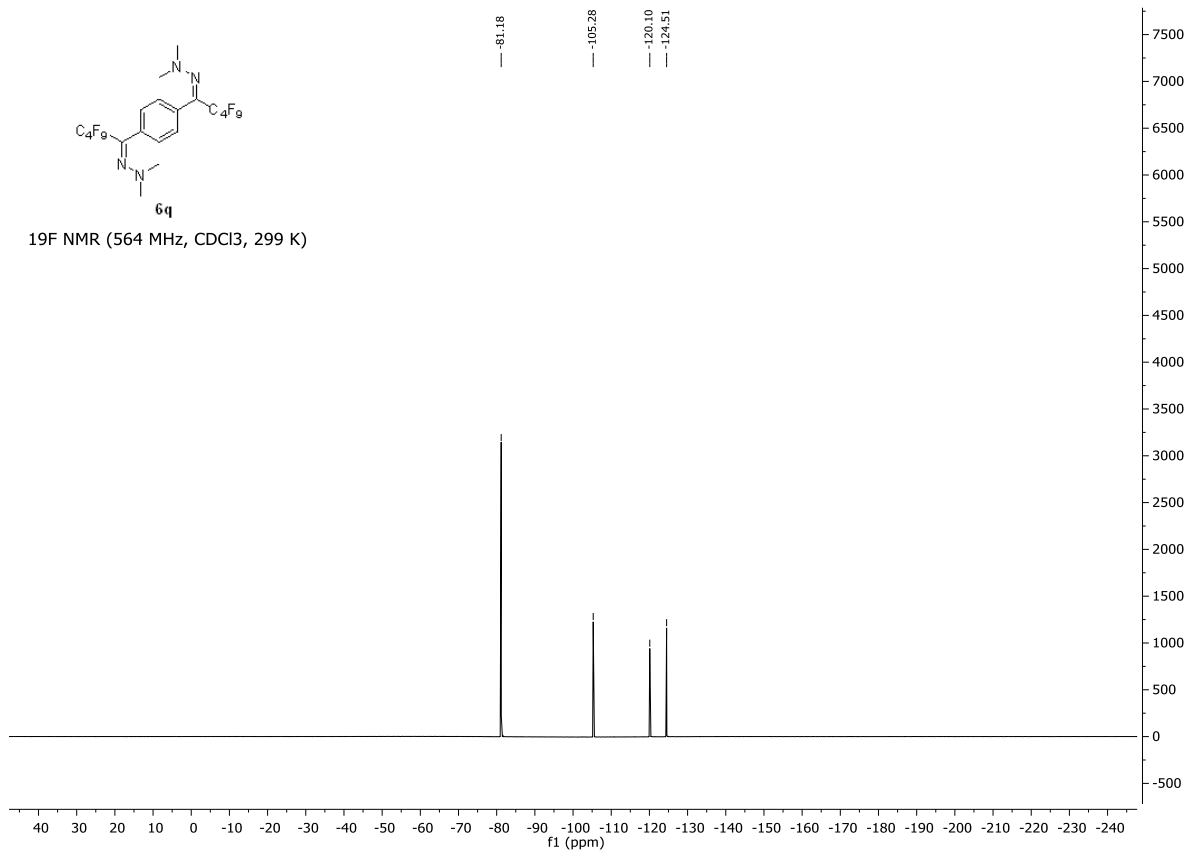




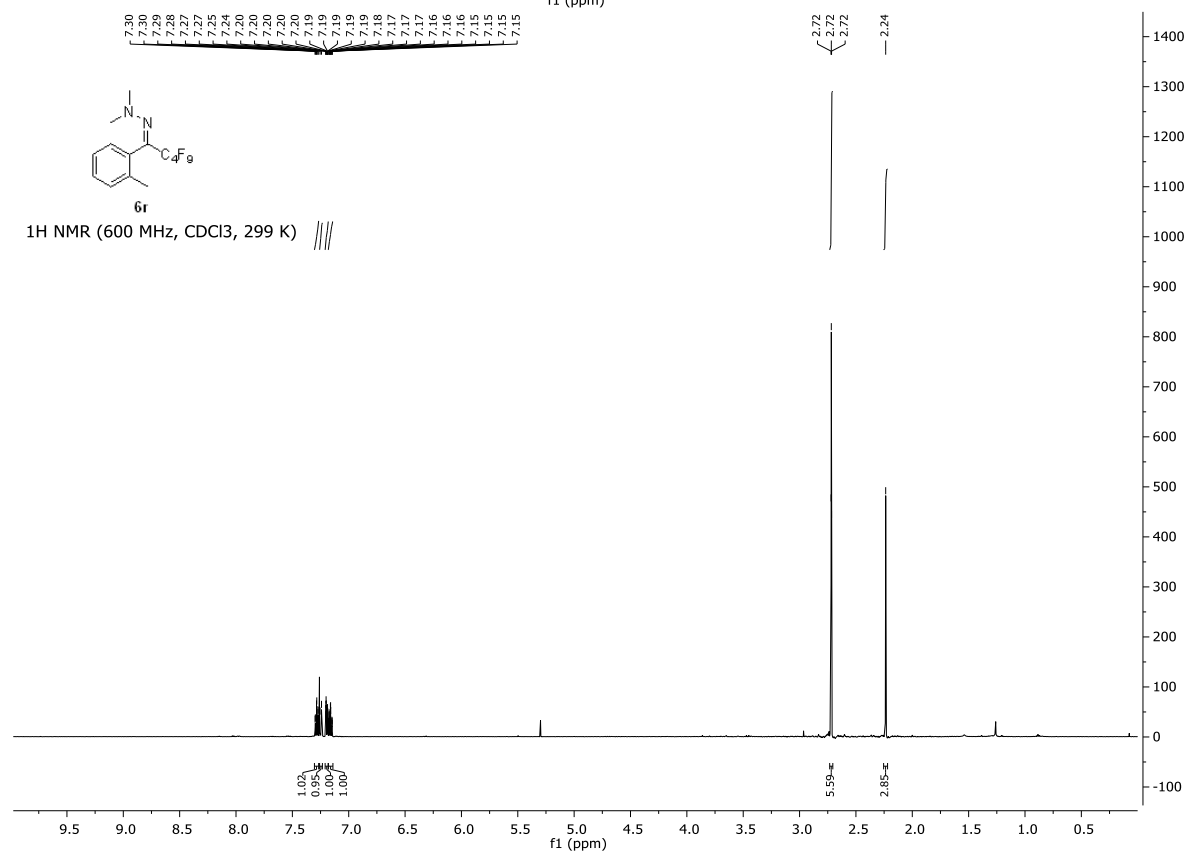


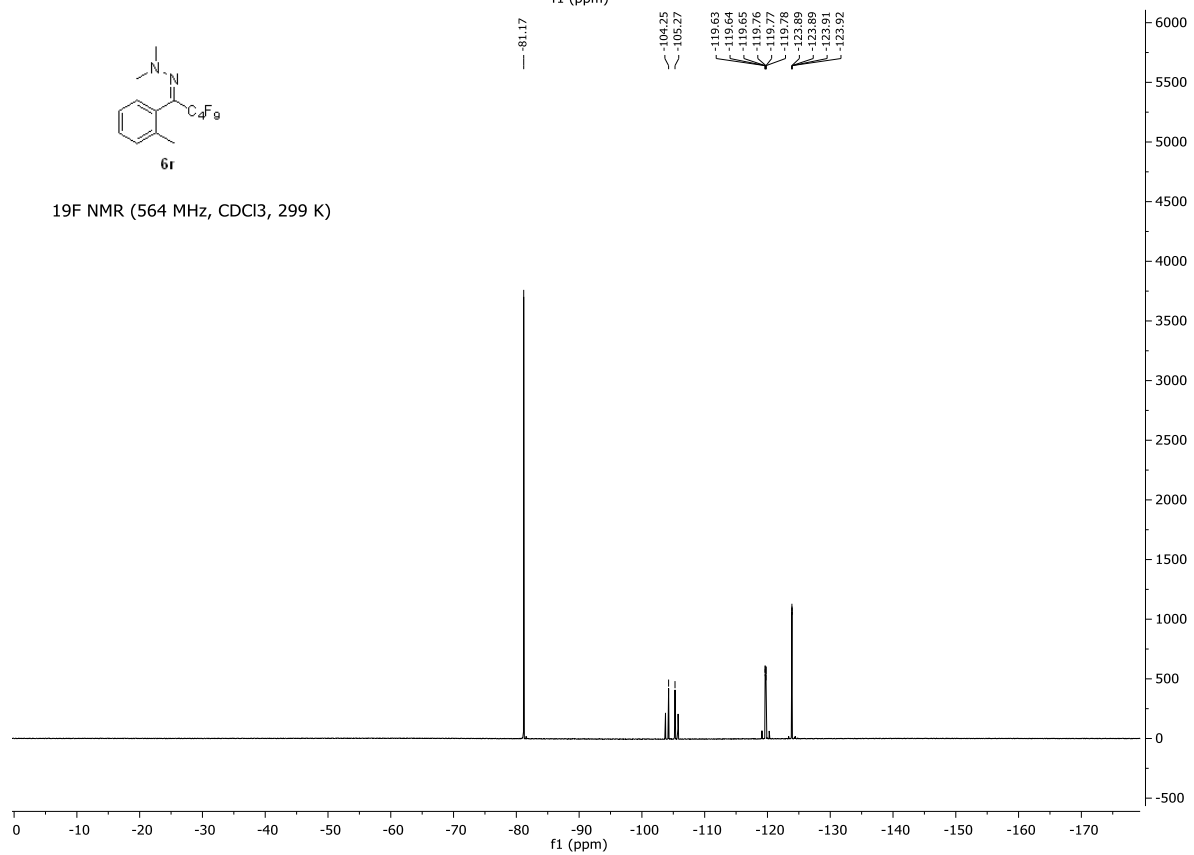
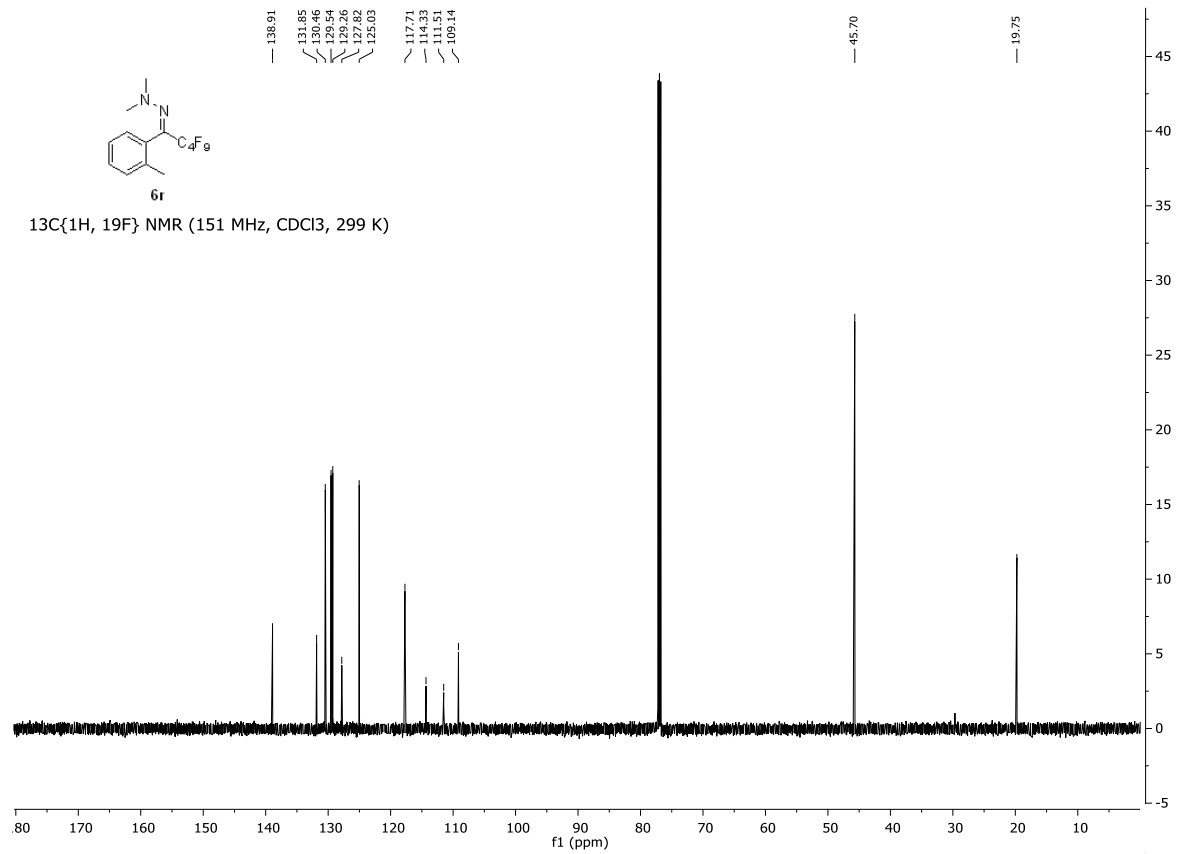


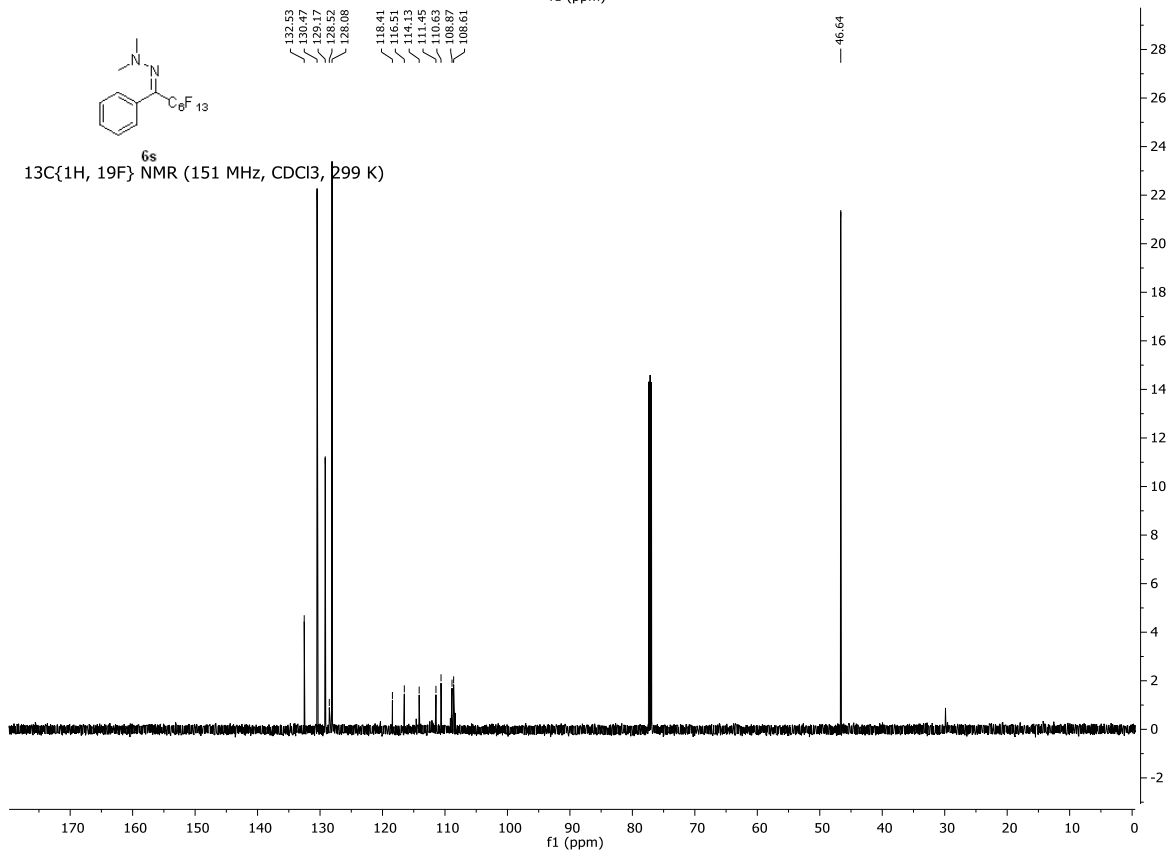
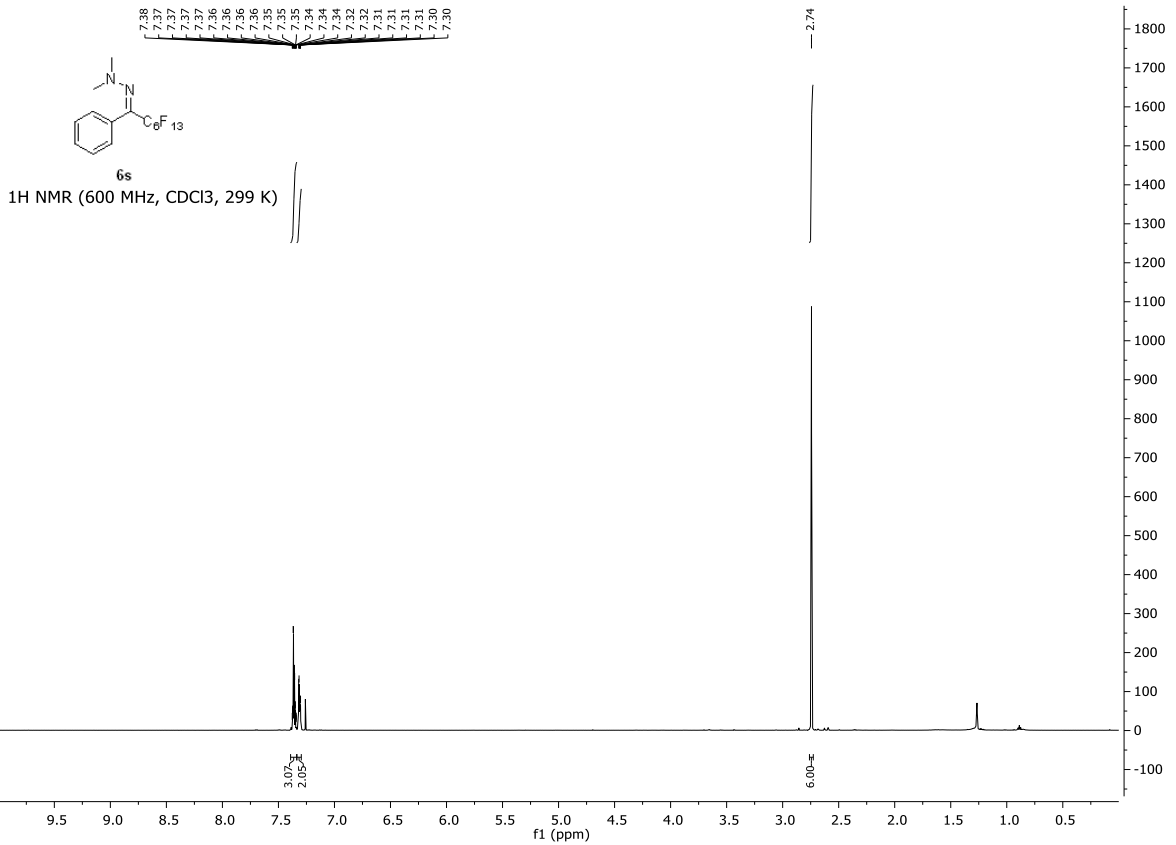
19F NMR (564 MHz, CDCl₃, 299 K)

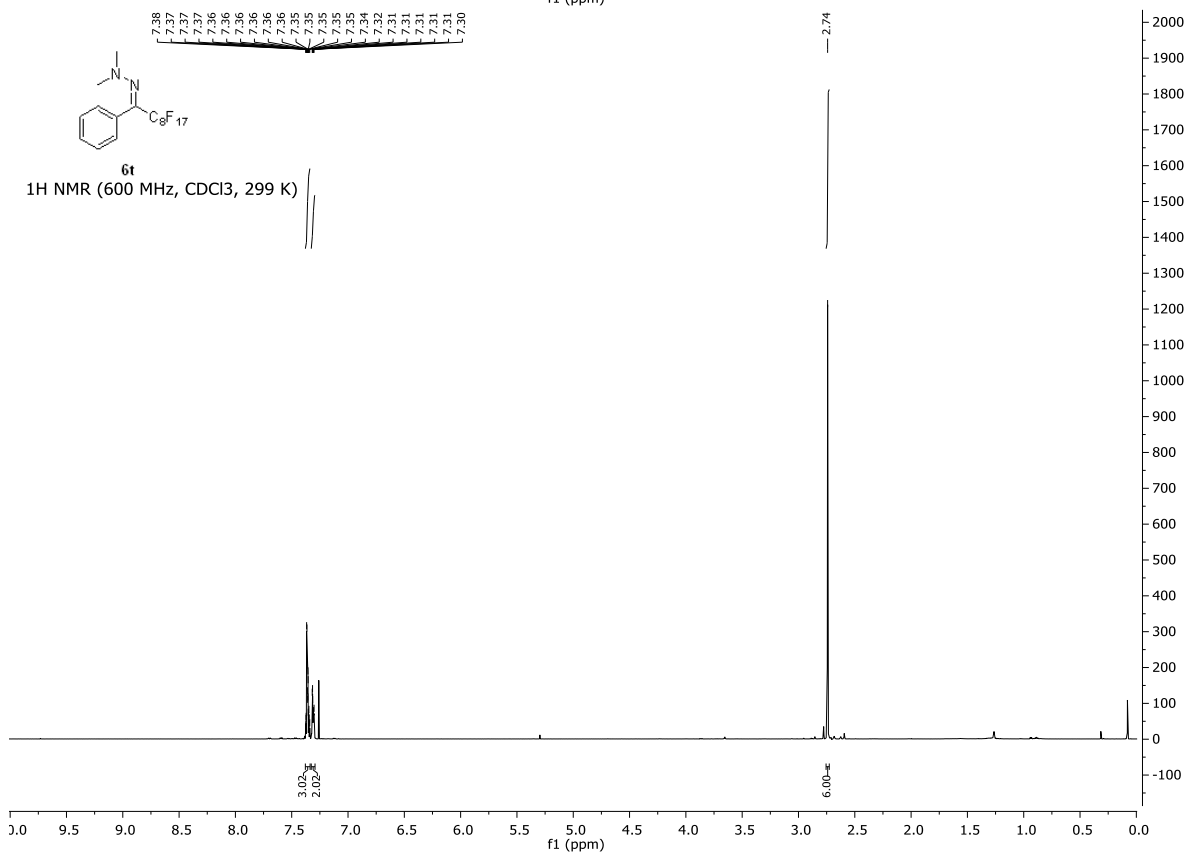
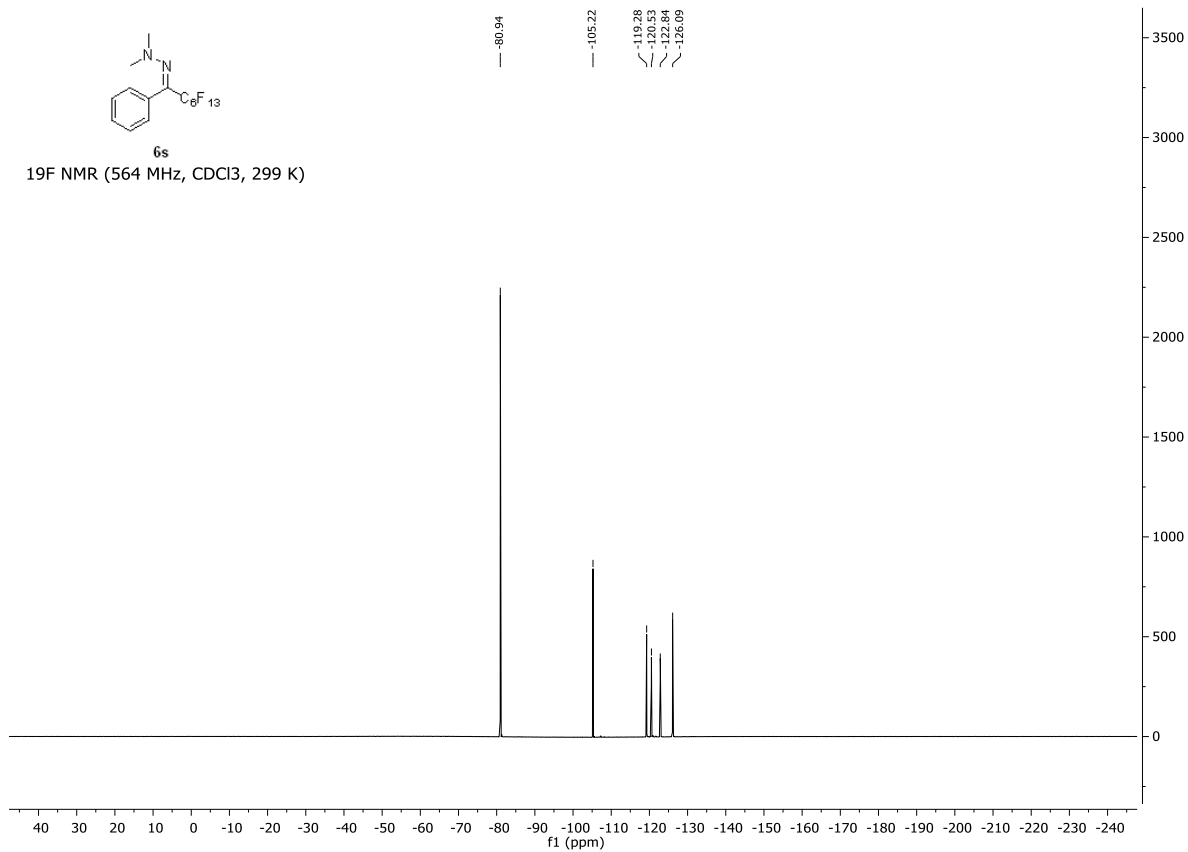


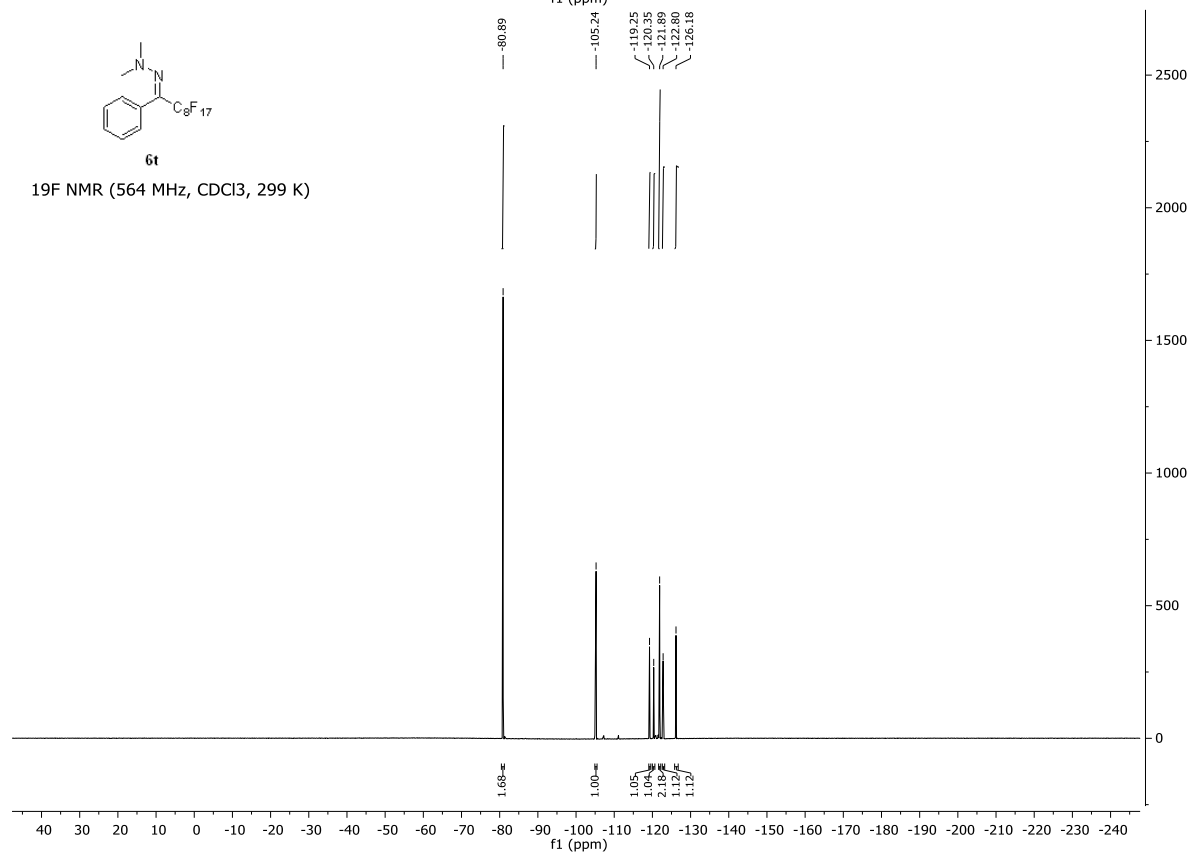
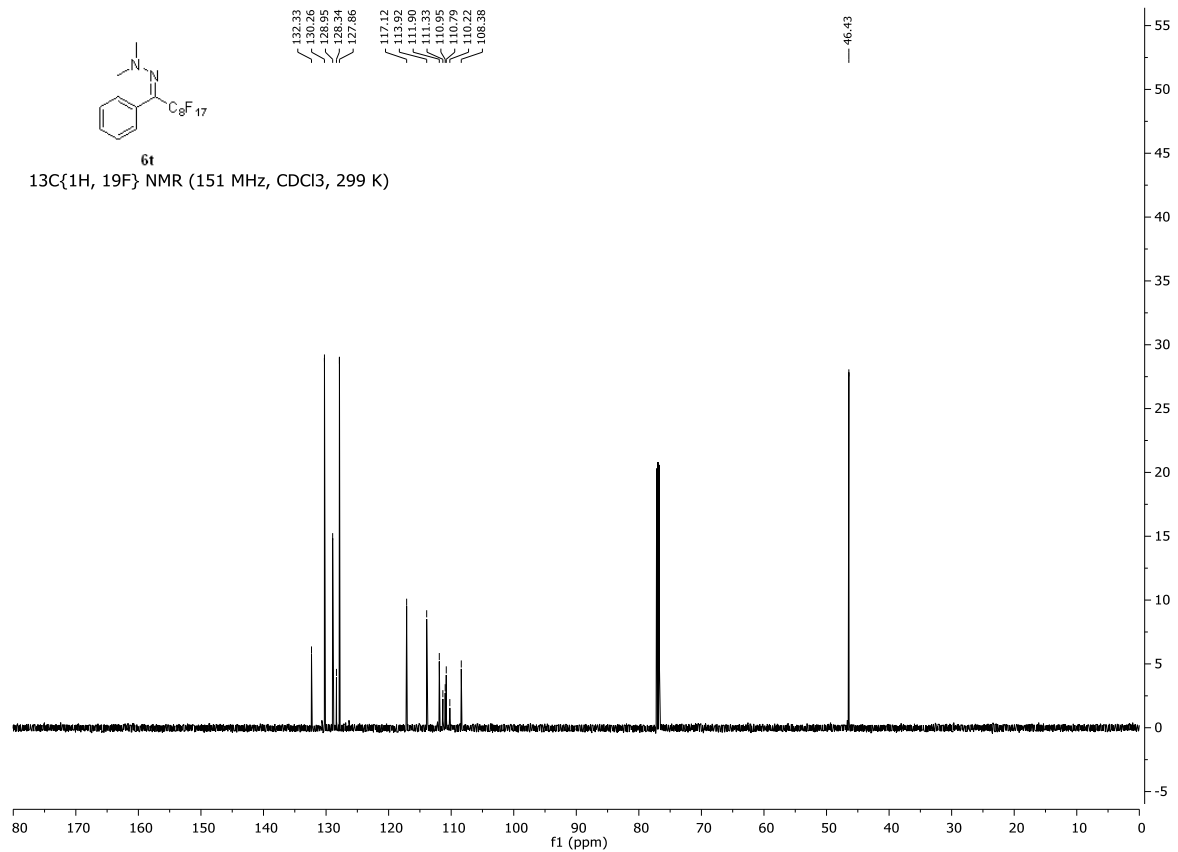
1H NMR (600 MHz, CDCl₃, 299 K)

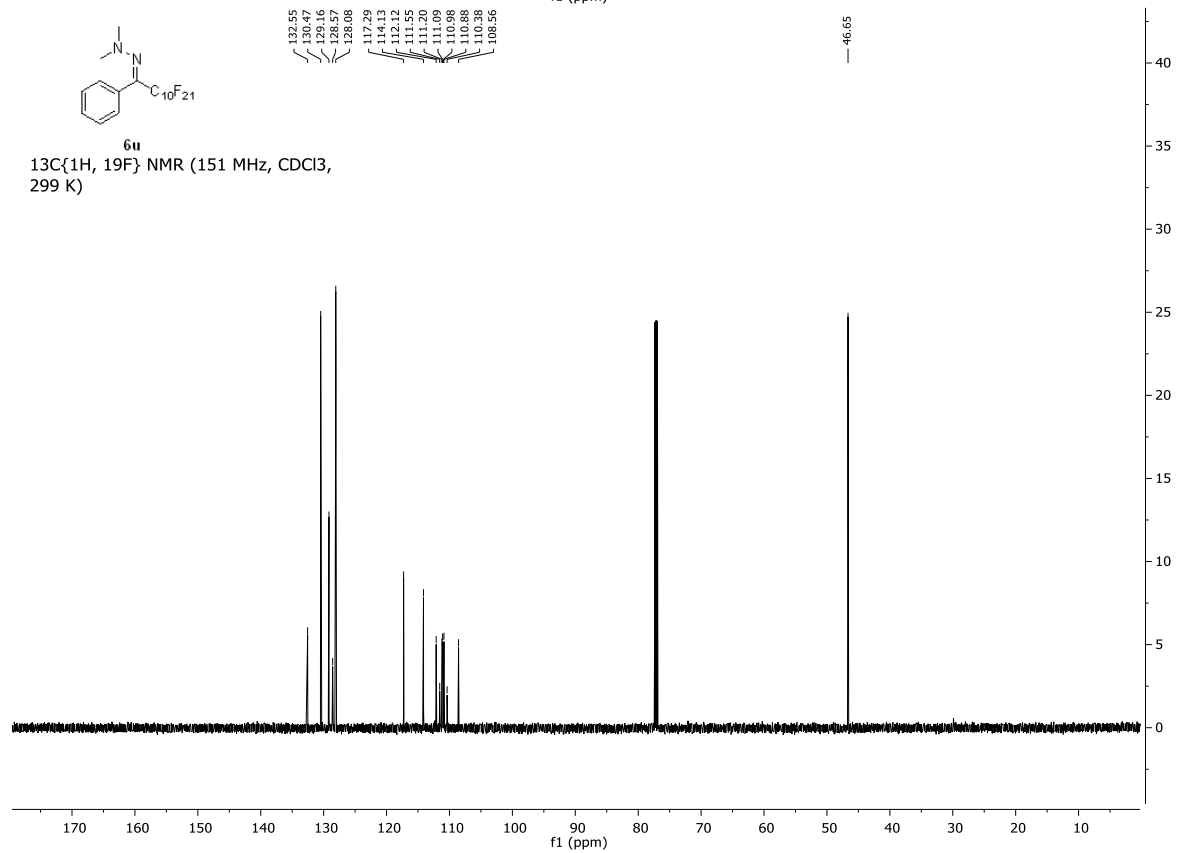
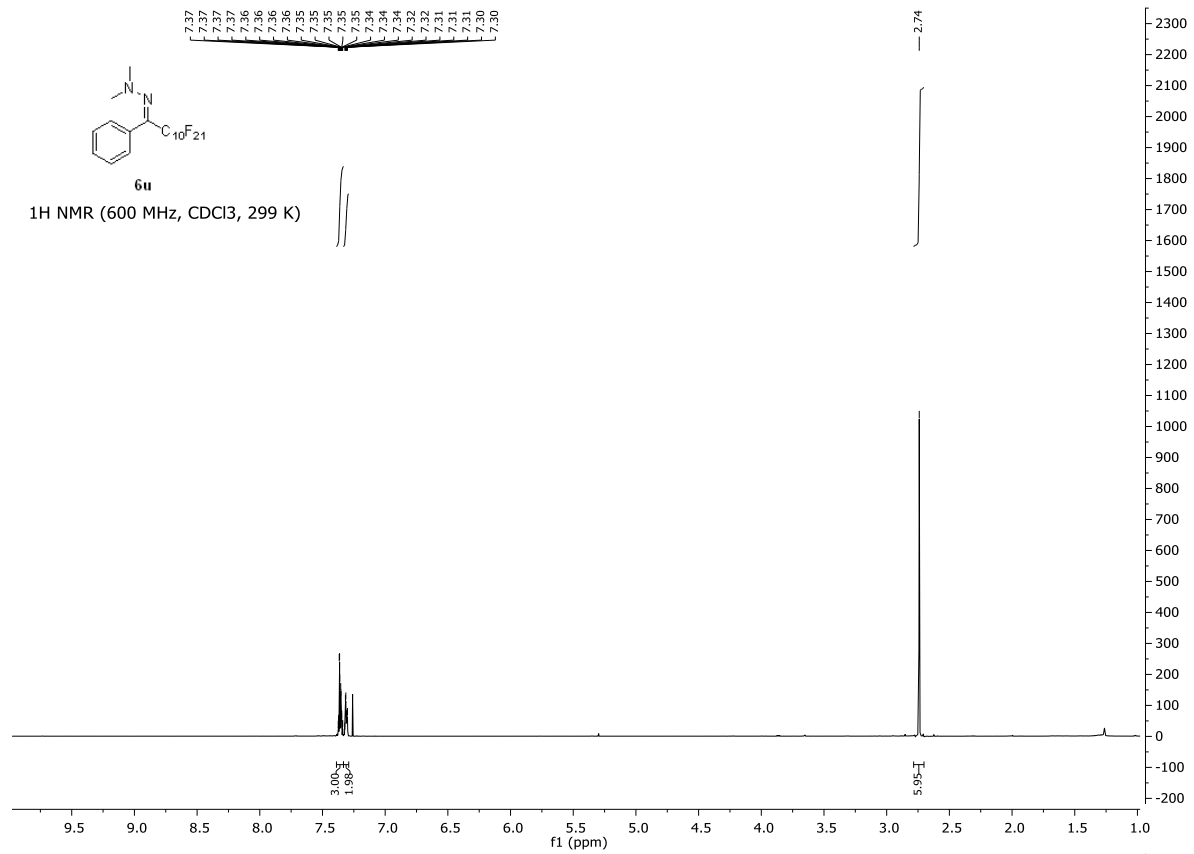


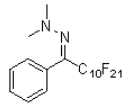






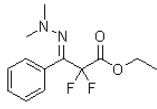
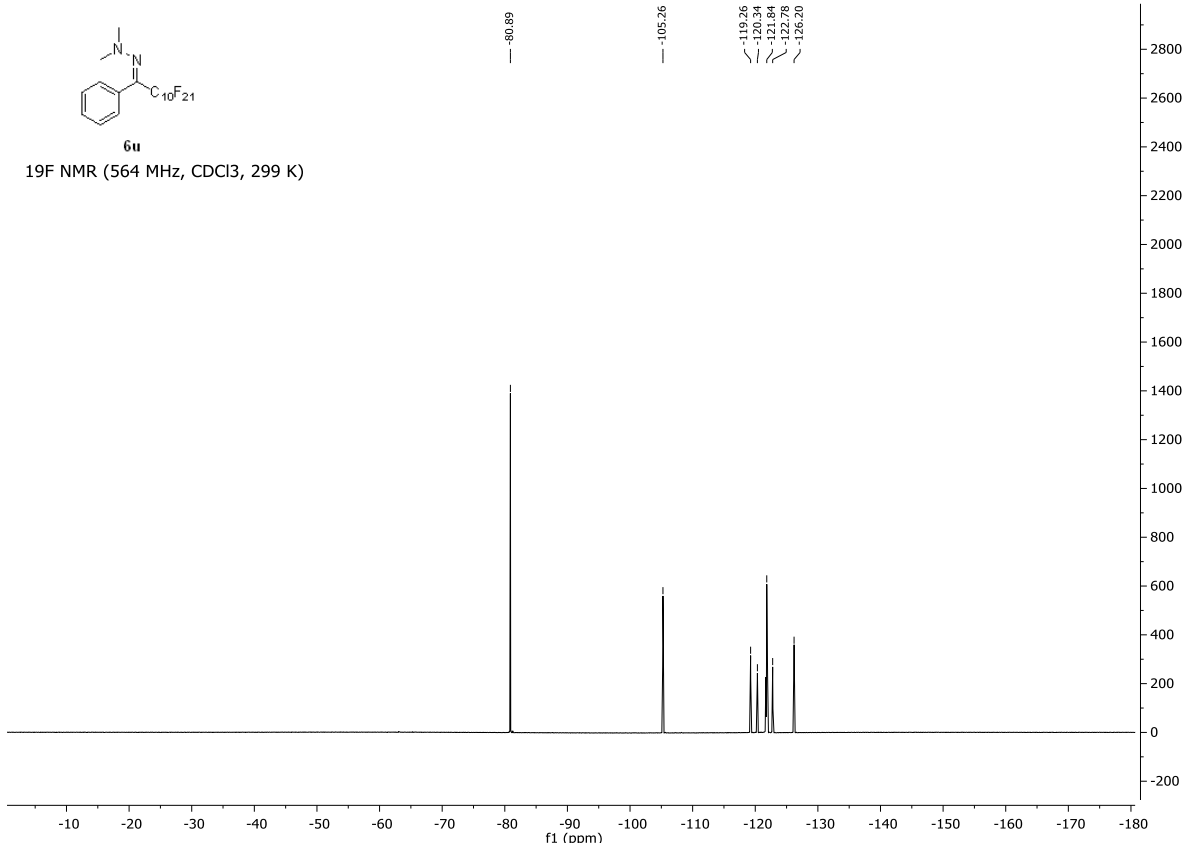






6u

19F NMR (564 MHz, CDCl3, 299 K)



6v

1H NMR (600 MHz, CDCl3, 300 K)

