

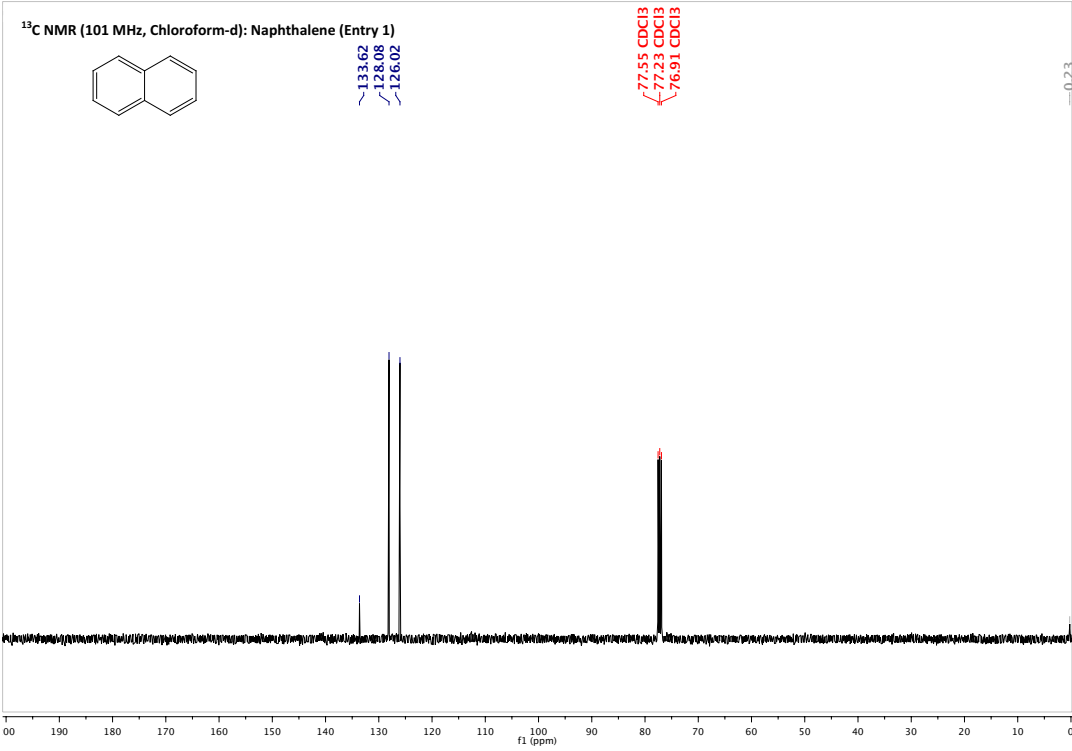
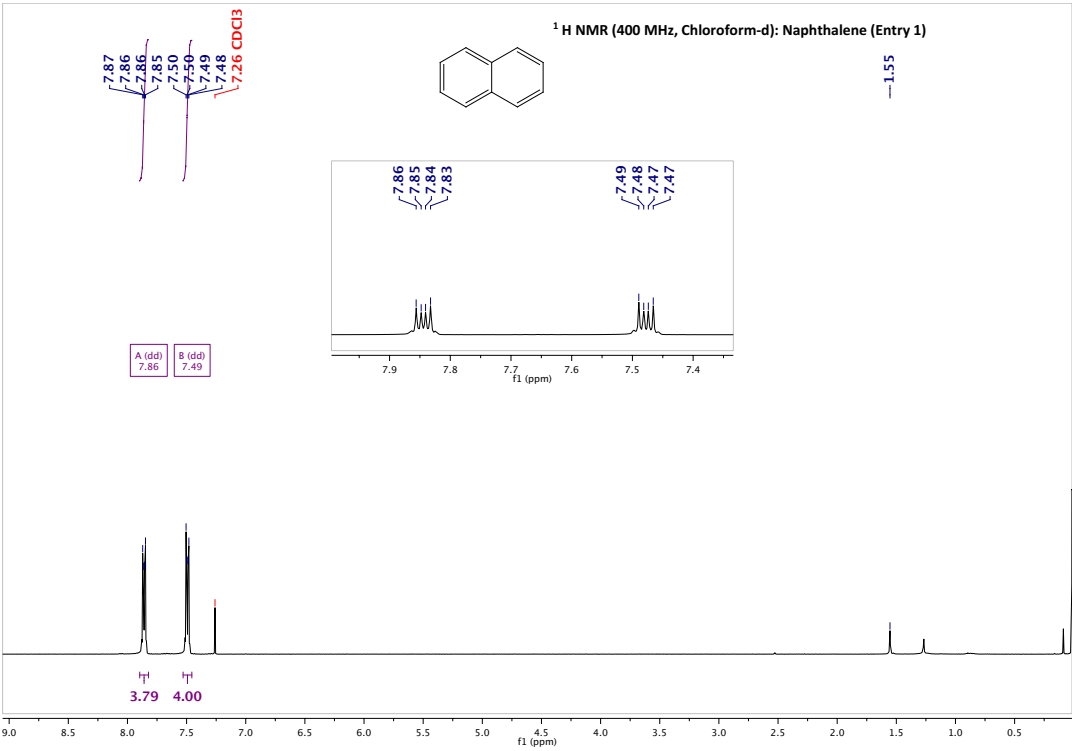
An efficient dehydroxymethylation reaction by a palladium catalyst[†]

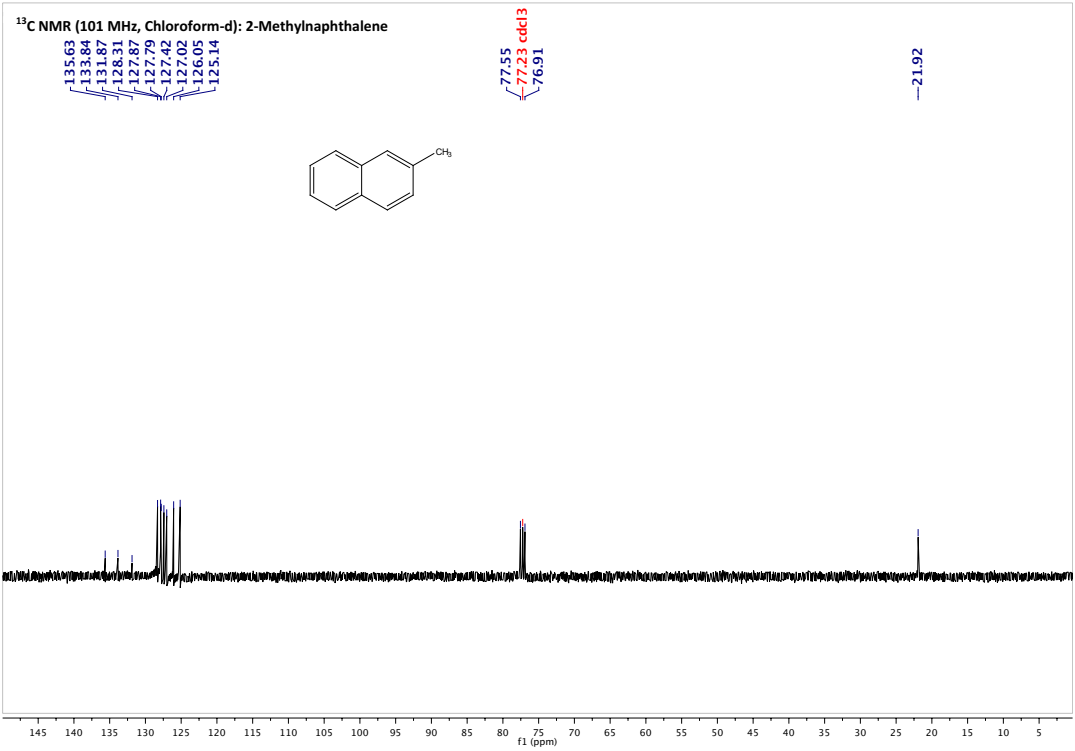
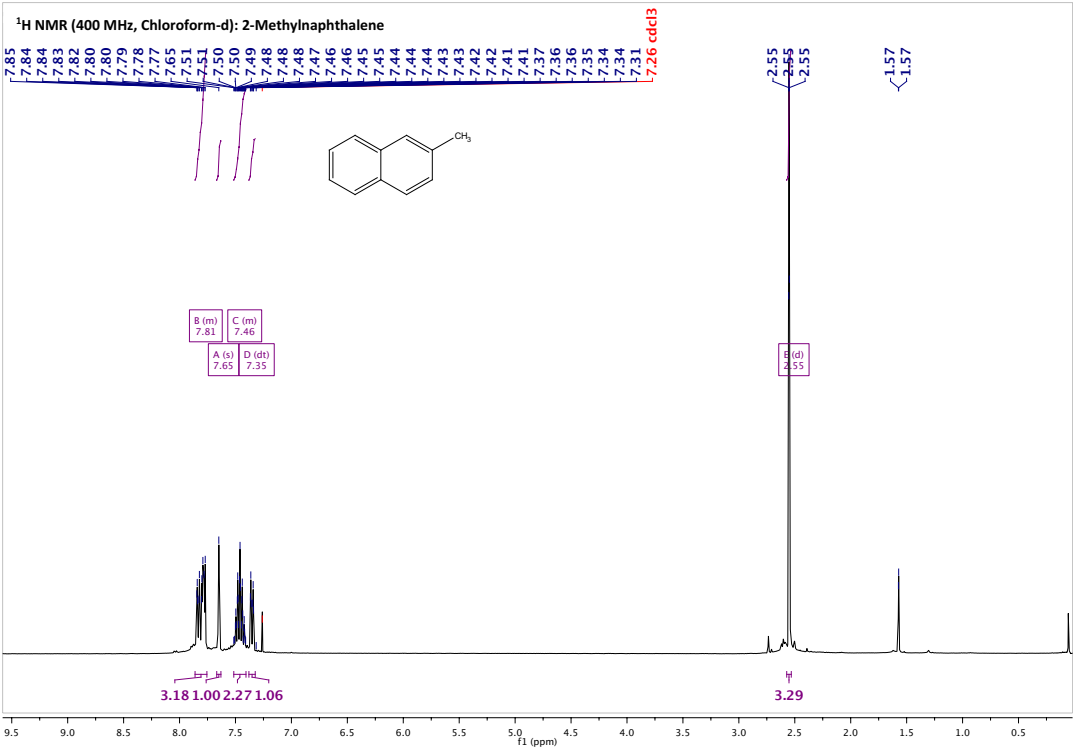
Atanu Modak, Togati Naveen and Debabrata Maiti*

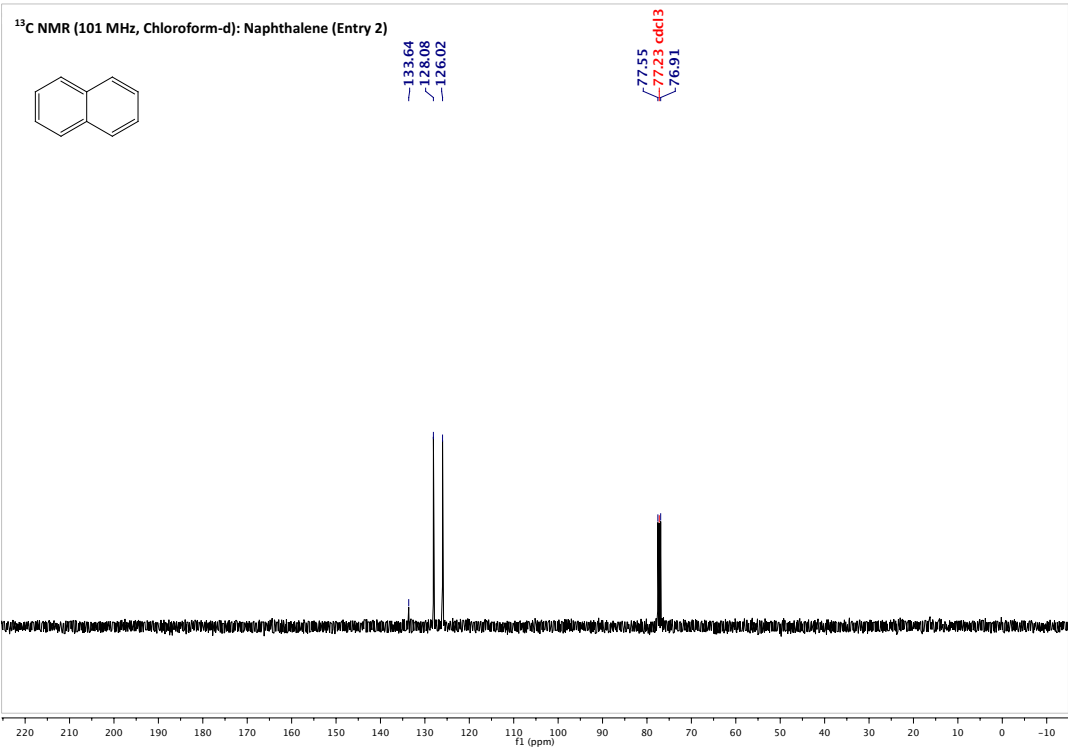
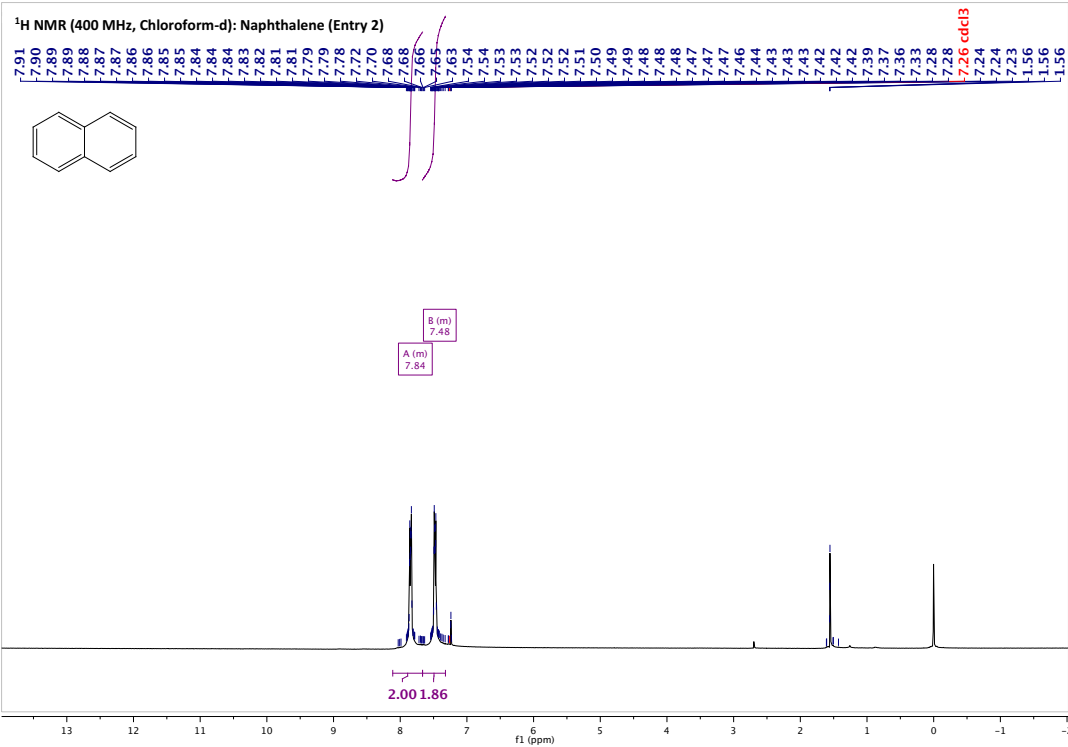
Department of Chemistry, Indian Institute of Technology Bombay,
Powai, Mumbai 400076

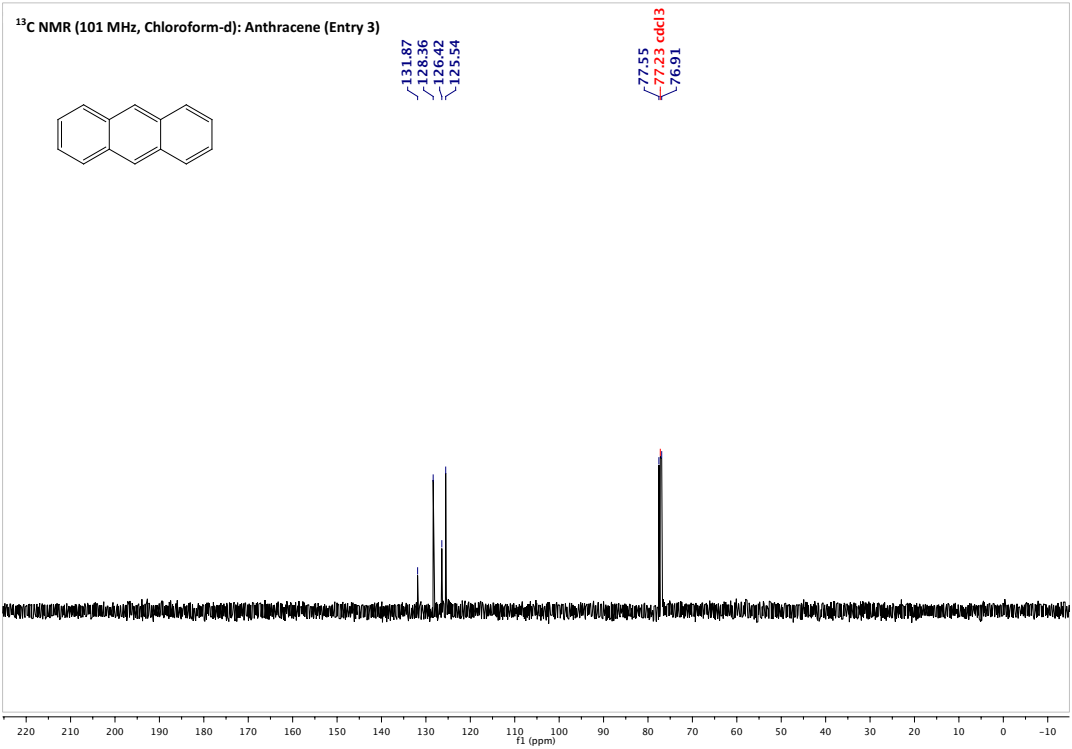
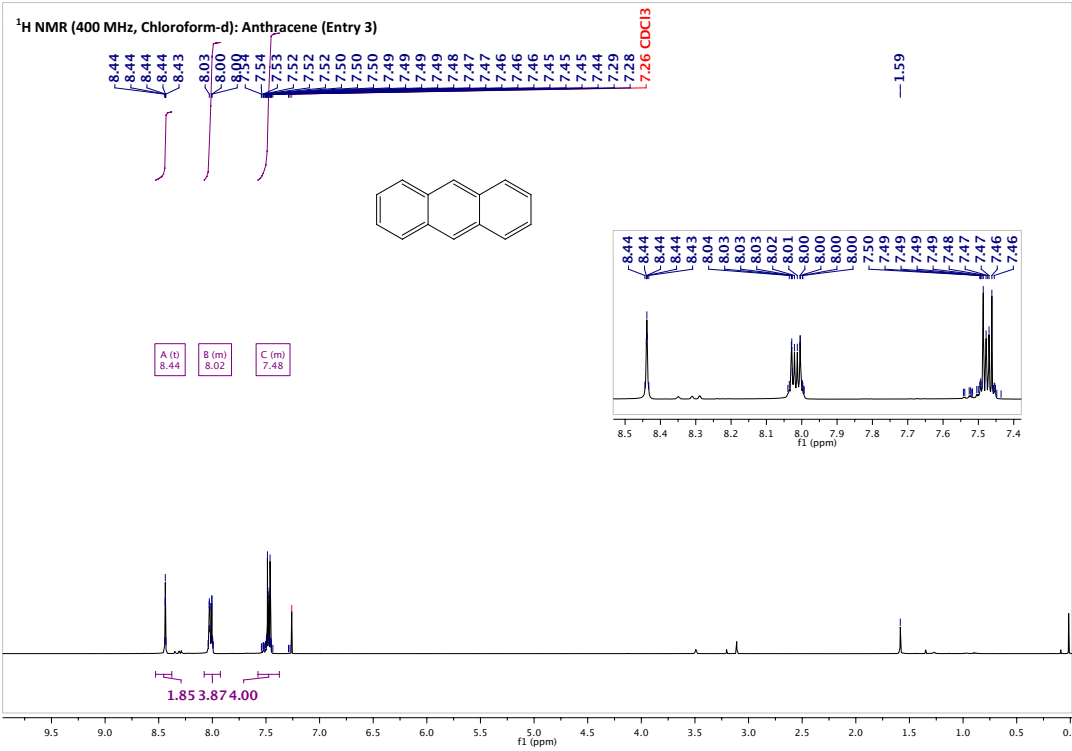
RECEIVED DATE (automatically inserted by publisher); E-mail:
dmaiti@chem.iitb.ac.in

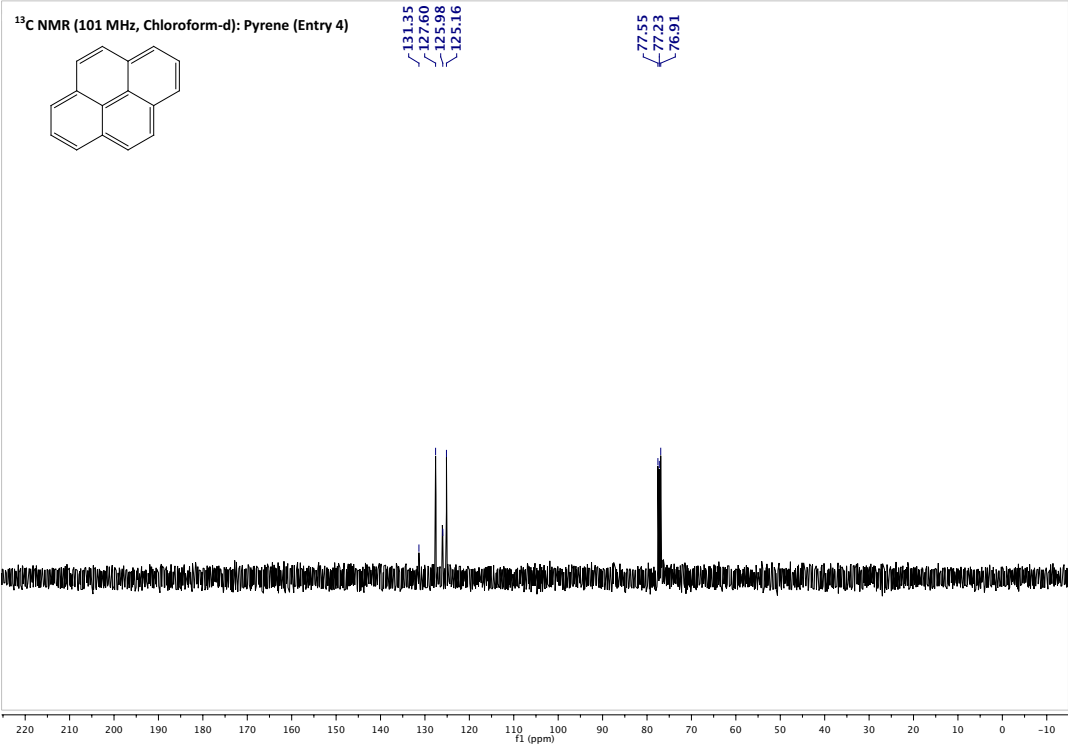
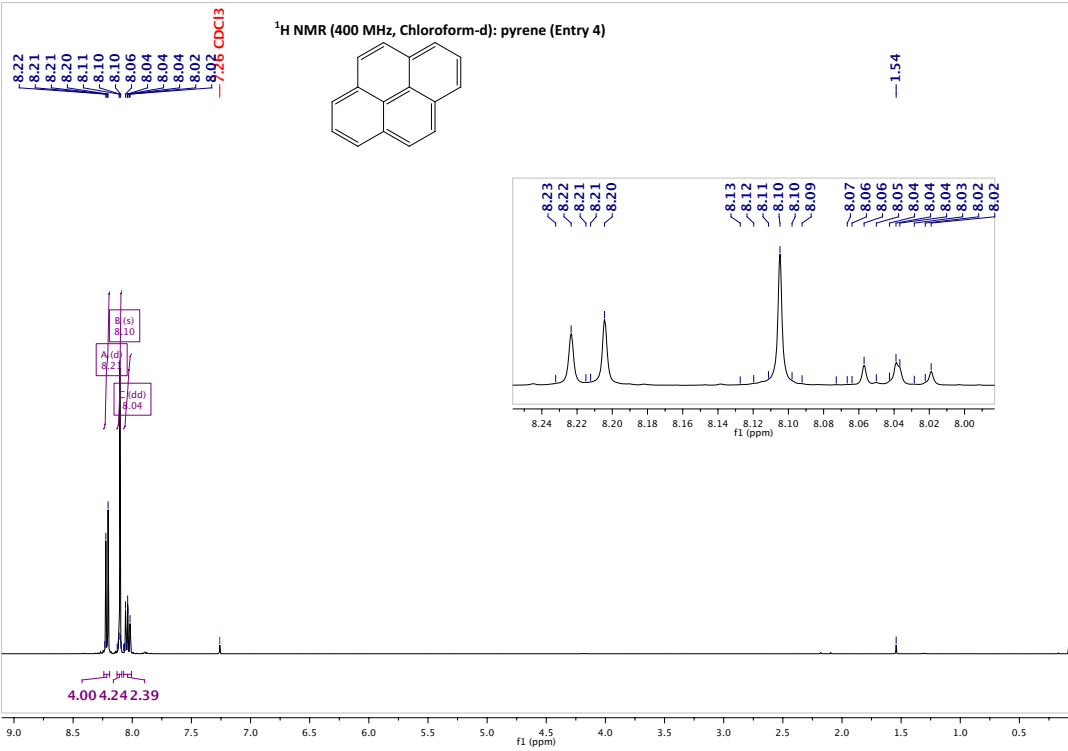
Spectral Data (¹H NMR, ¹³C NMR)

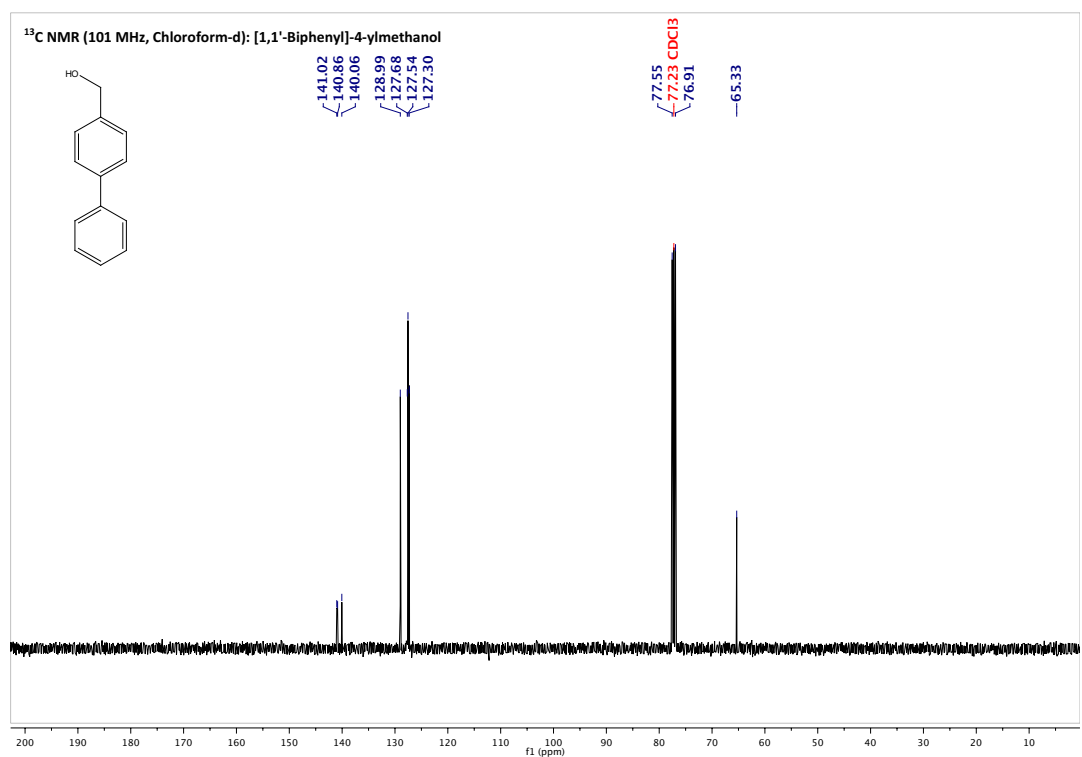
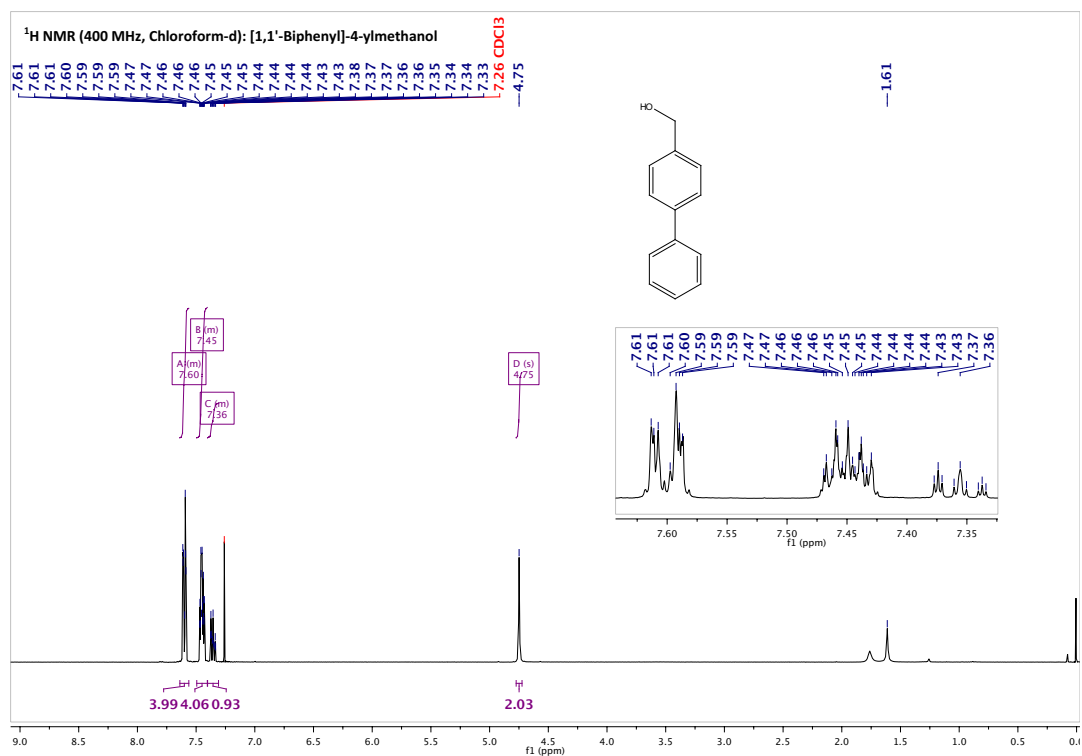


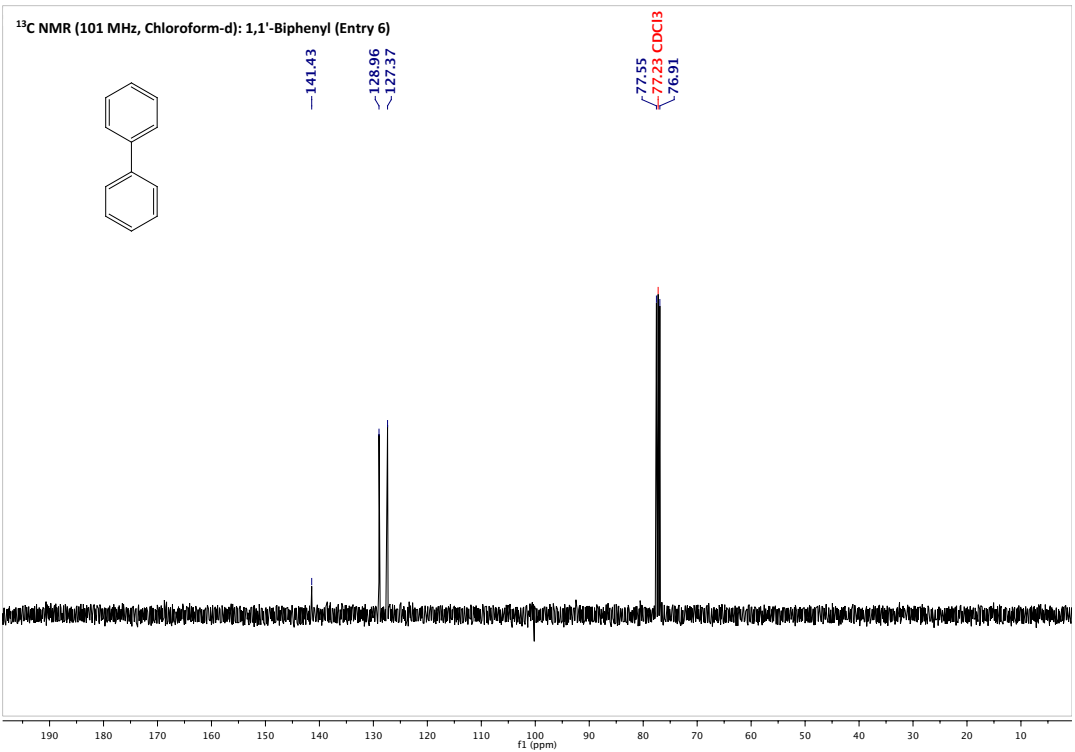
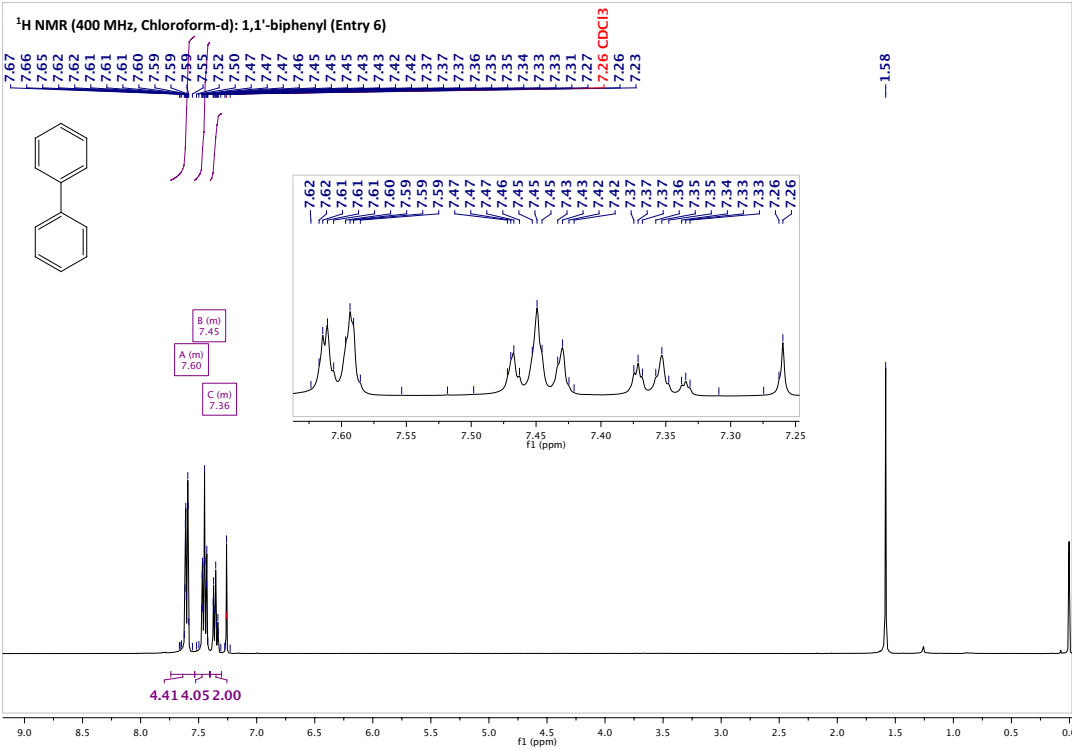


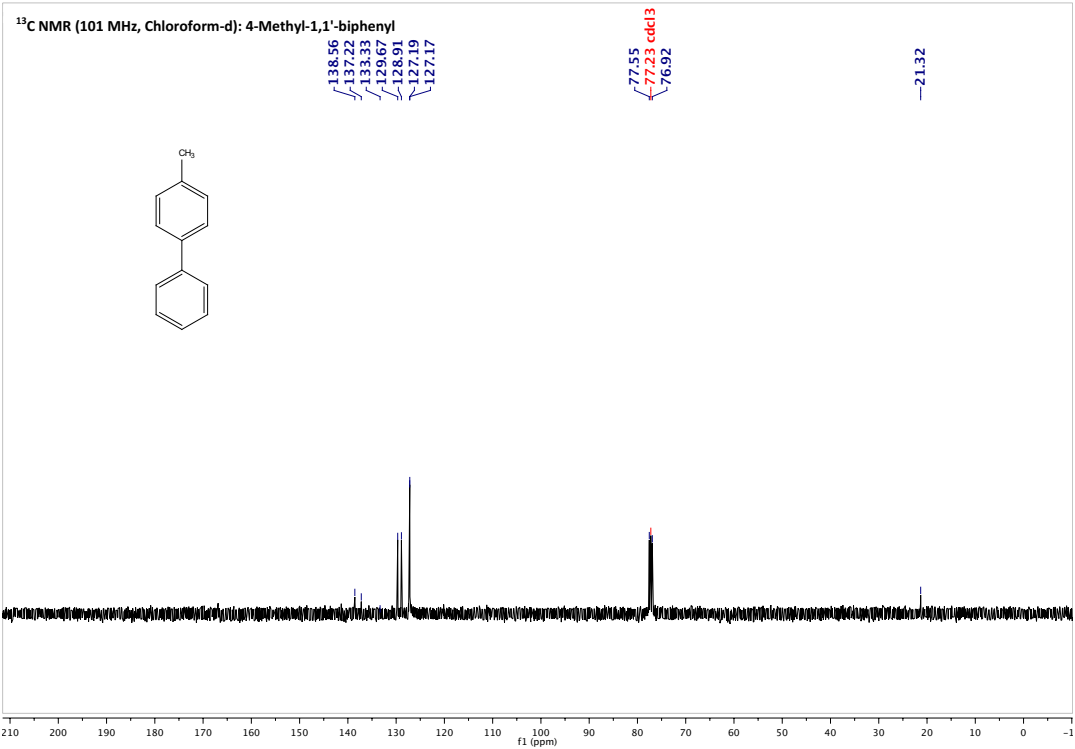
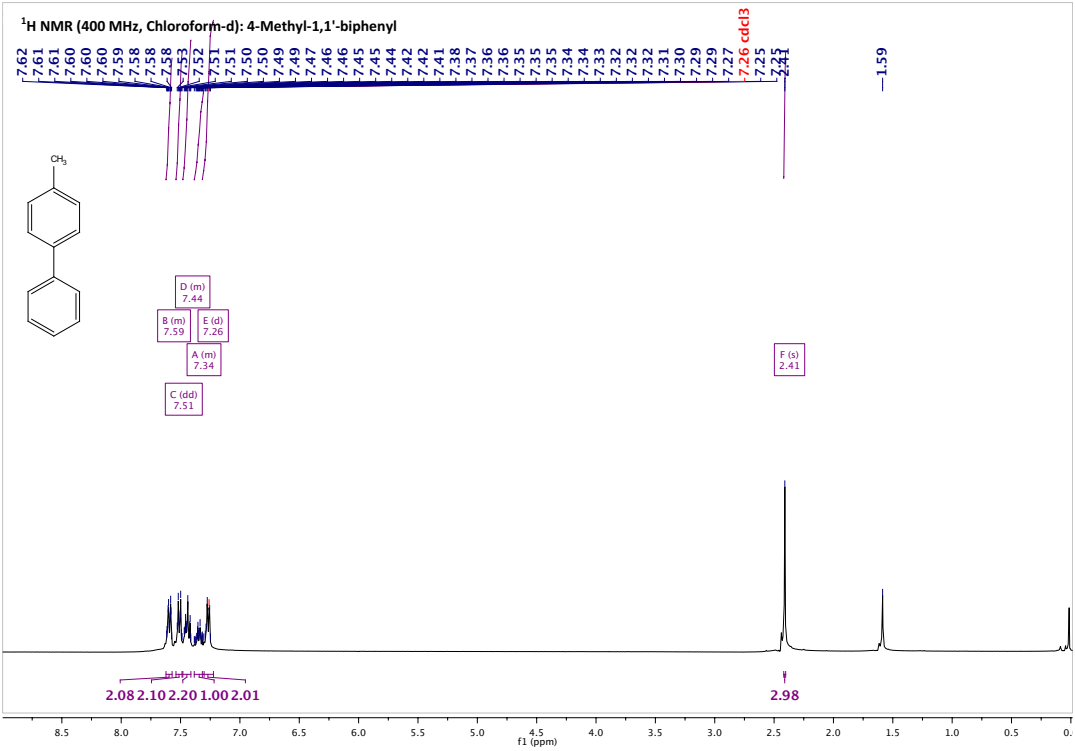


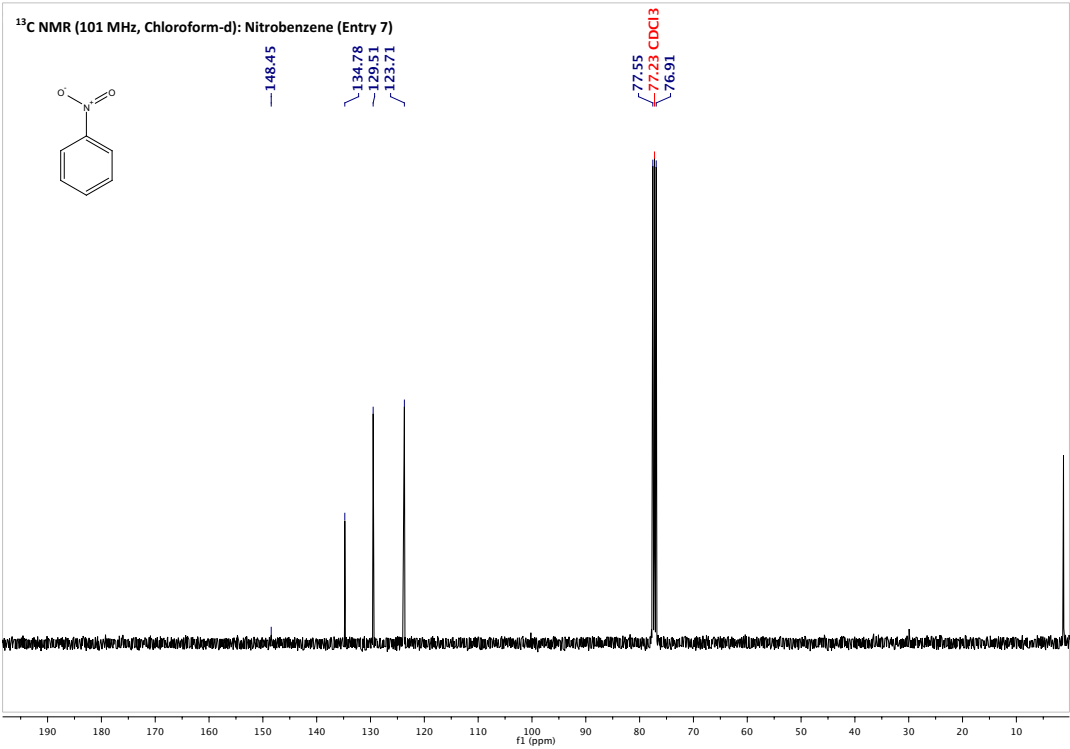
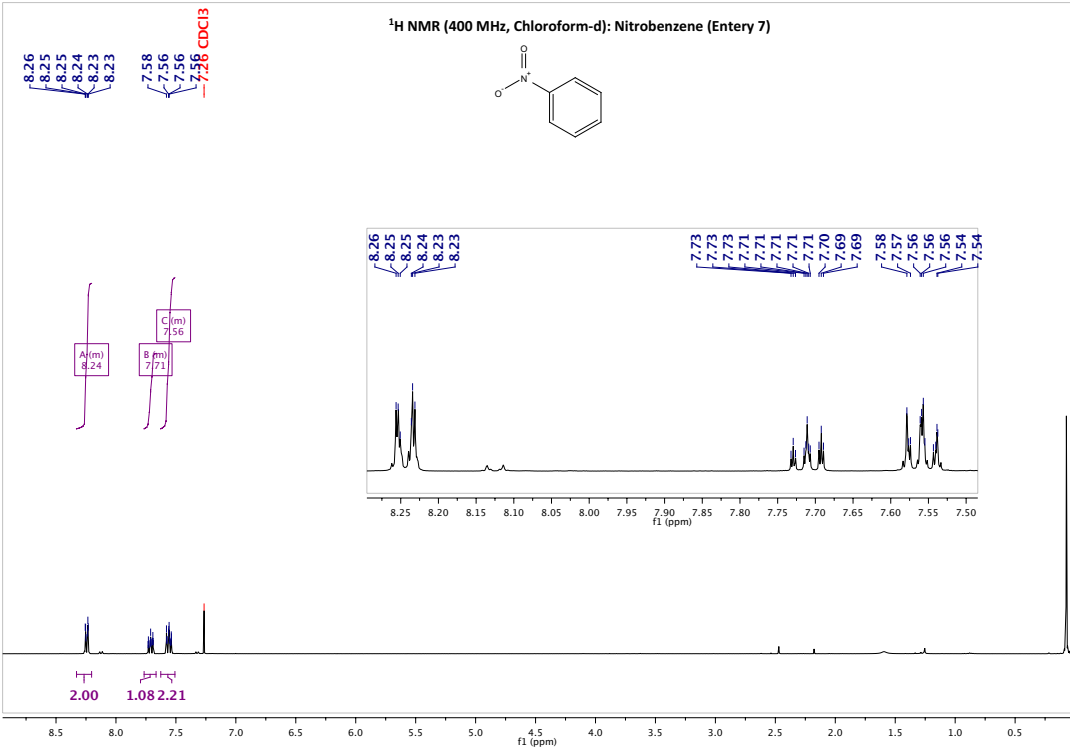


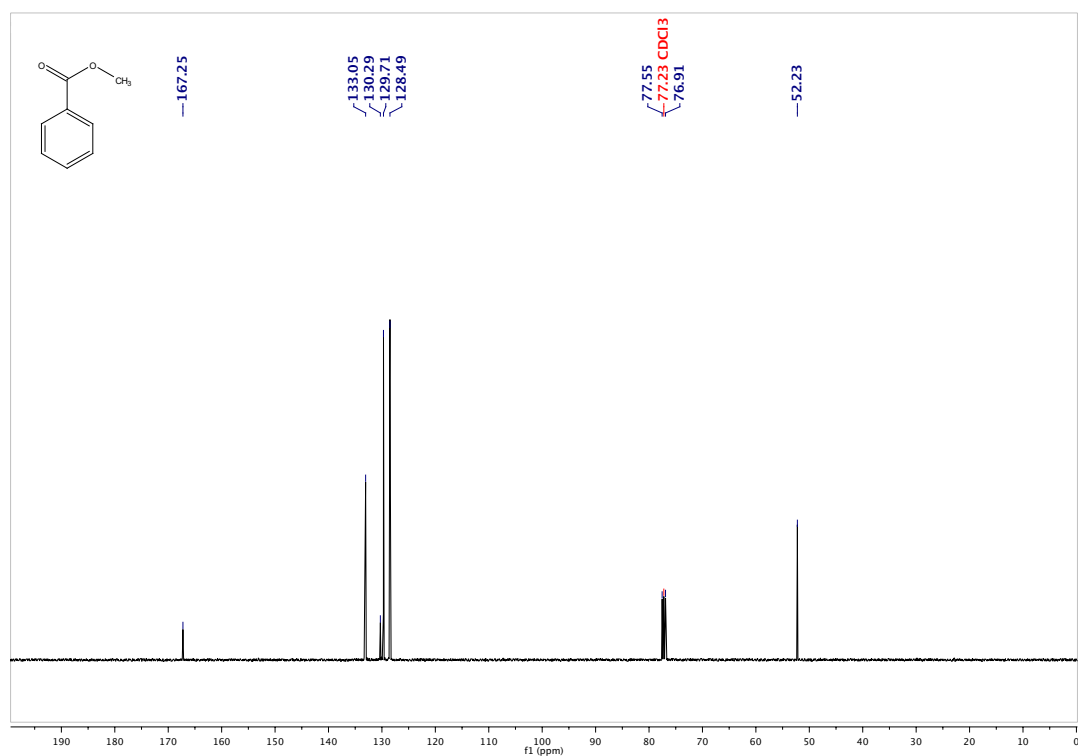


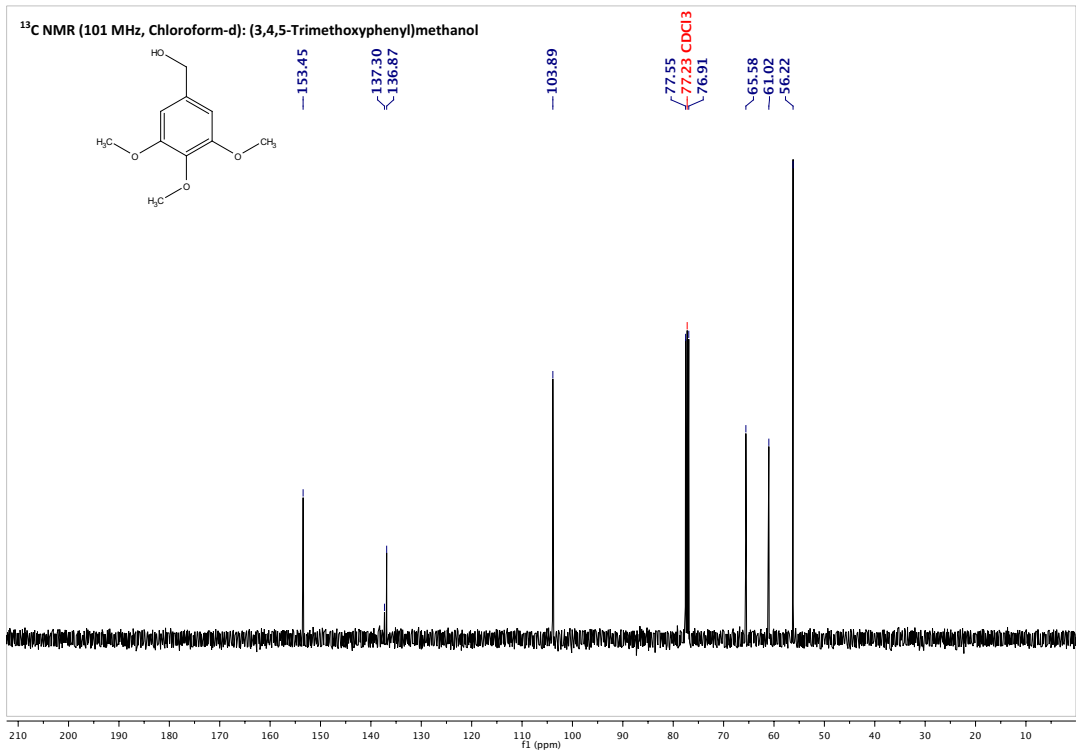
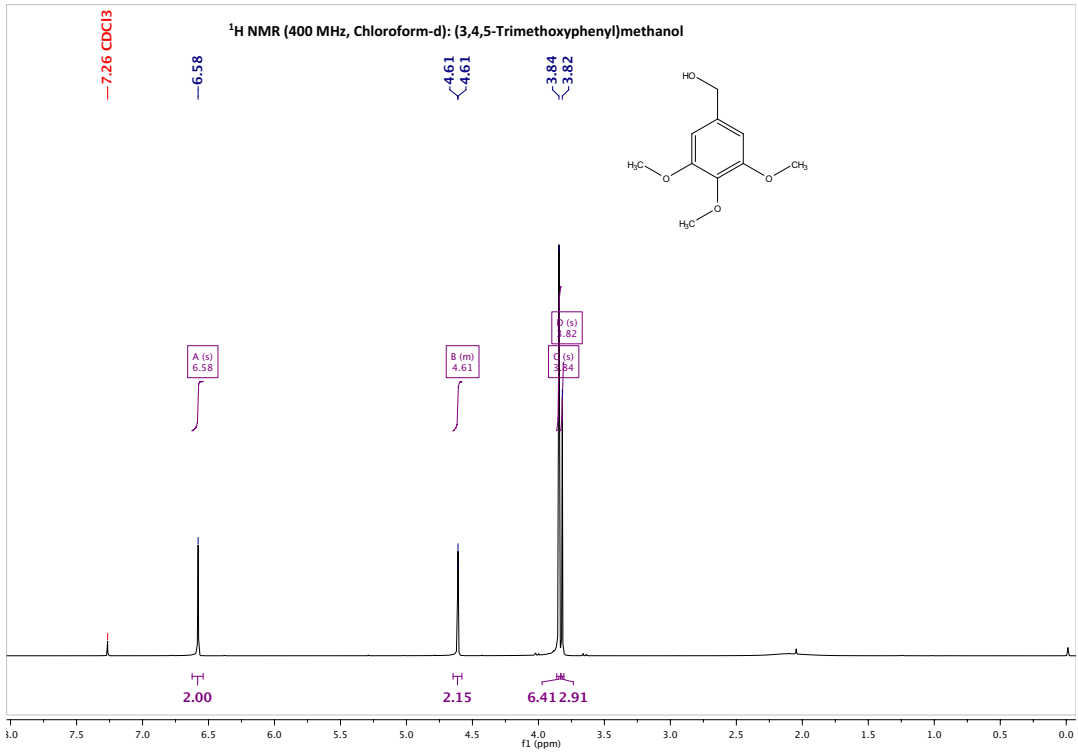


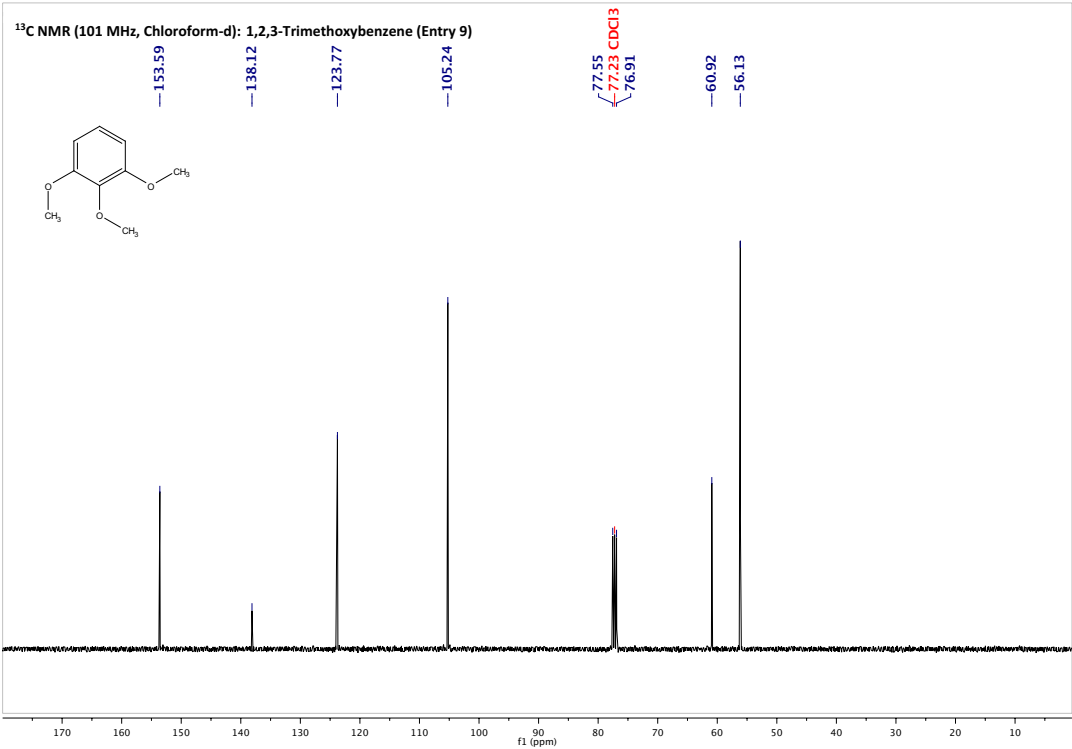
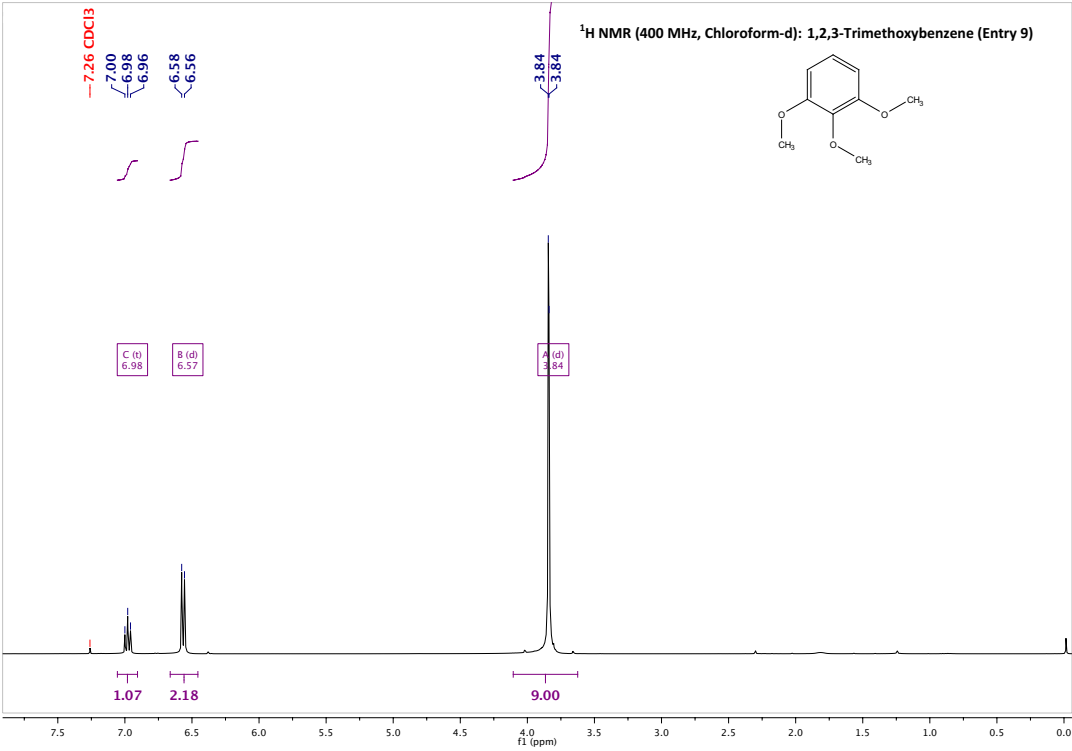


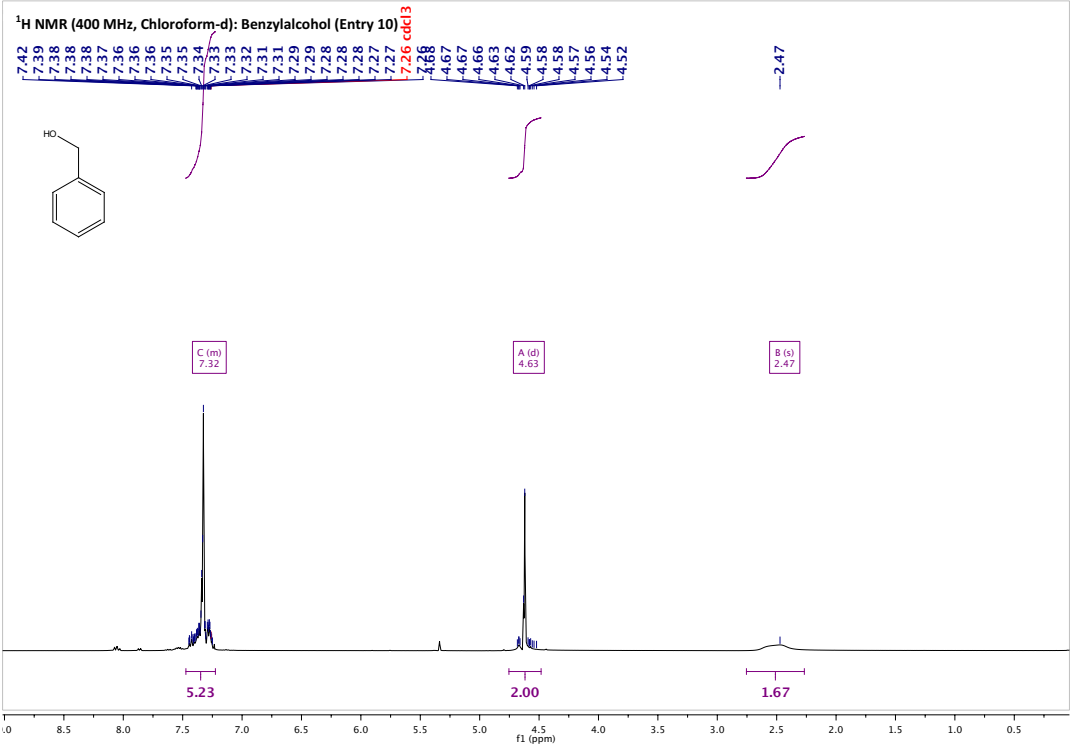
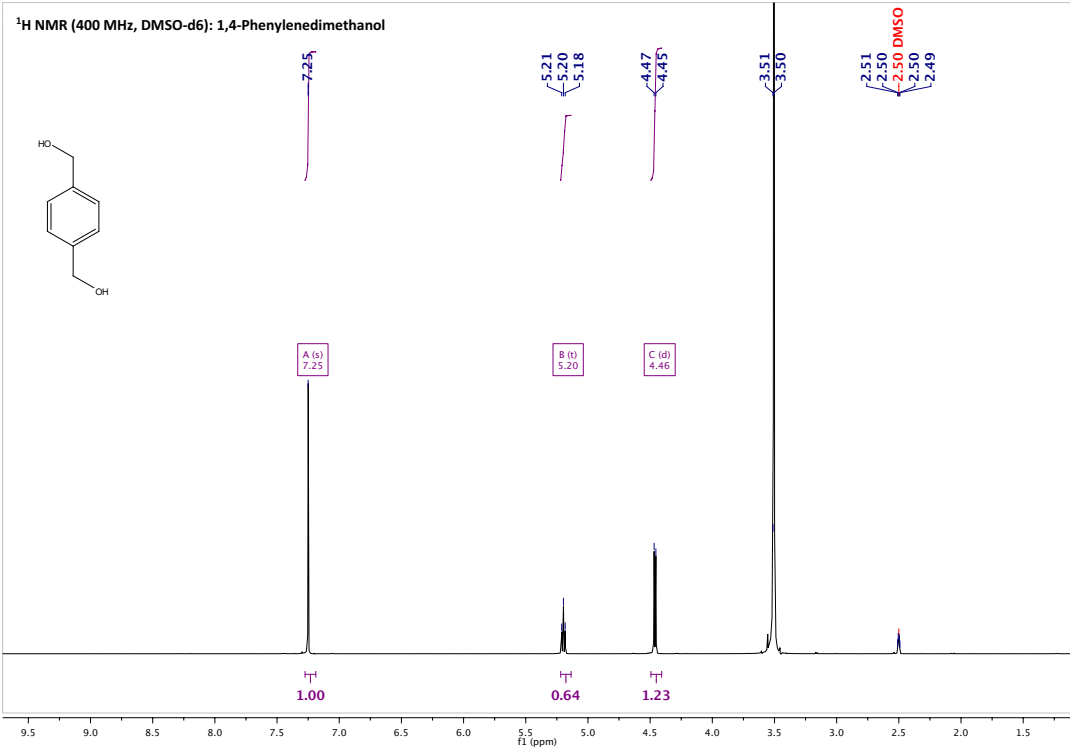


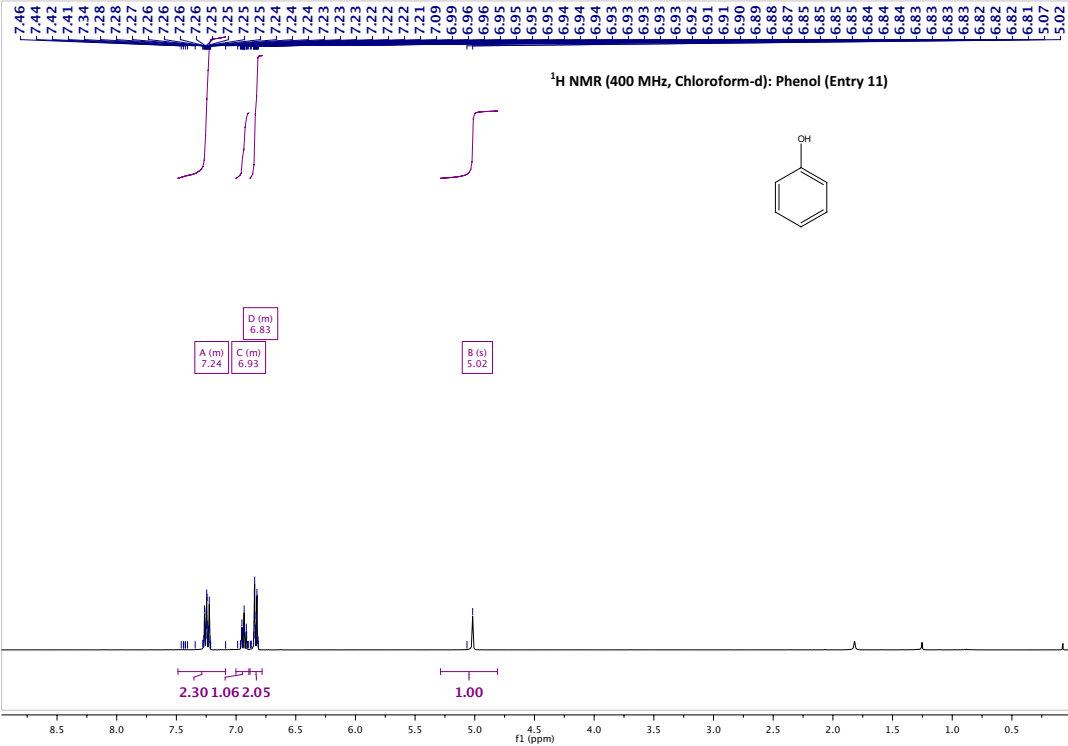
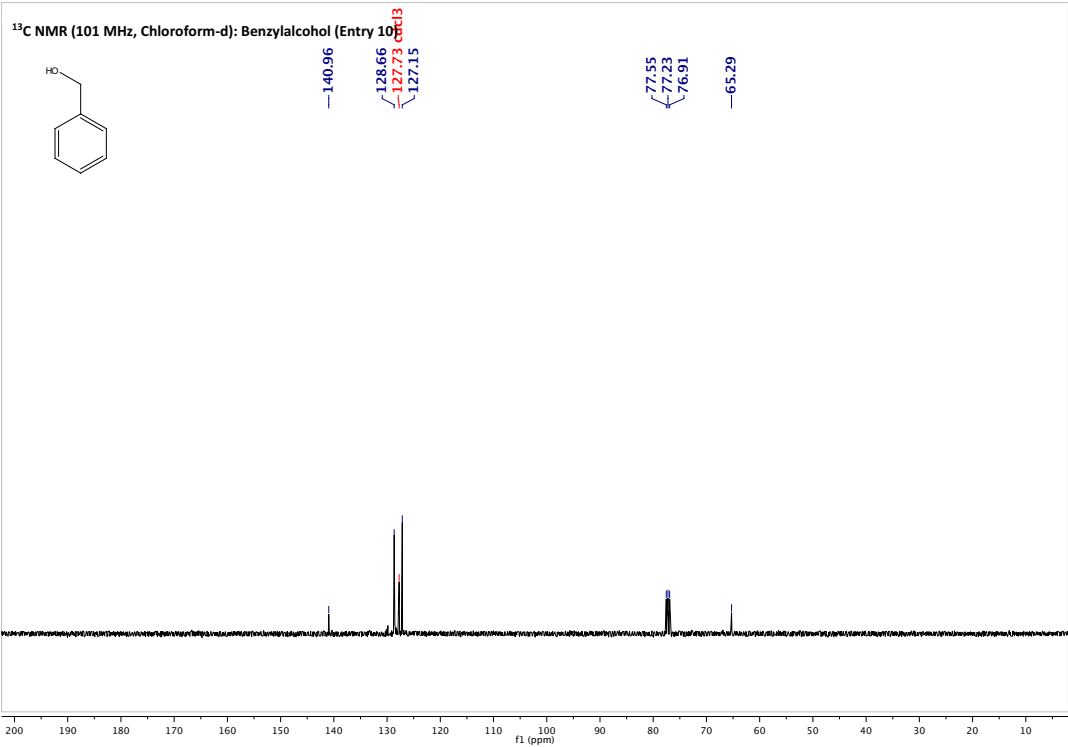


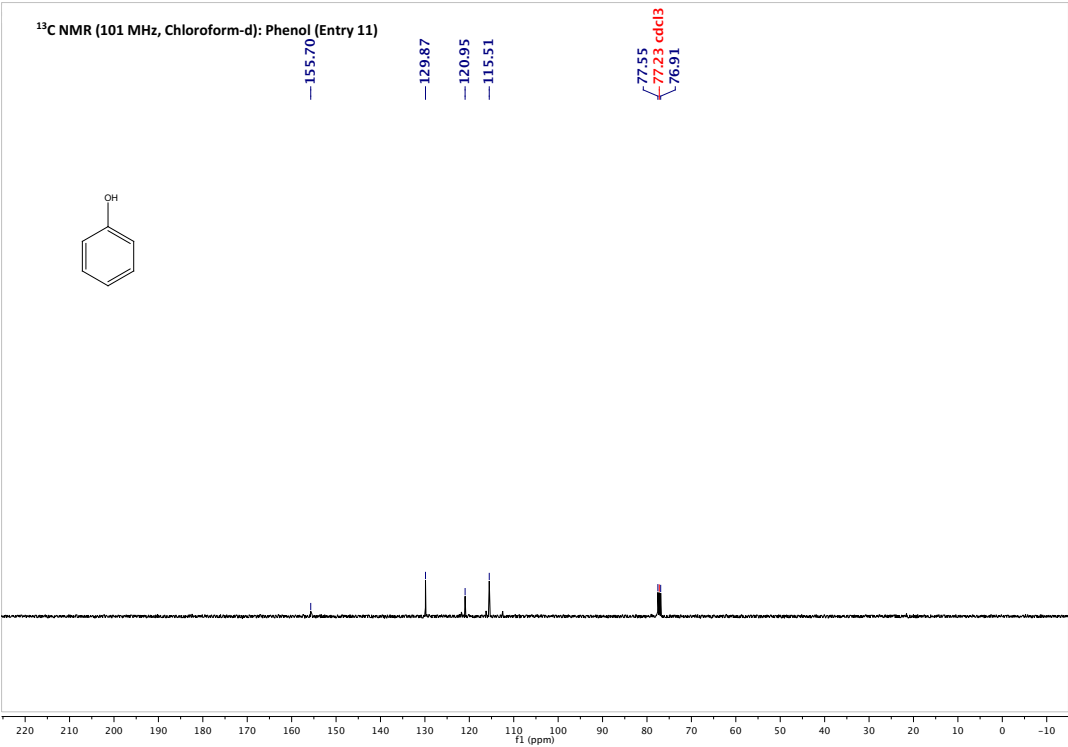




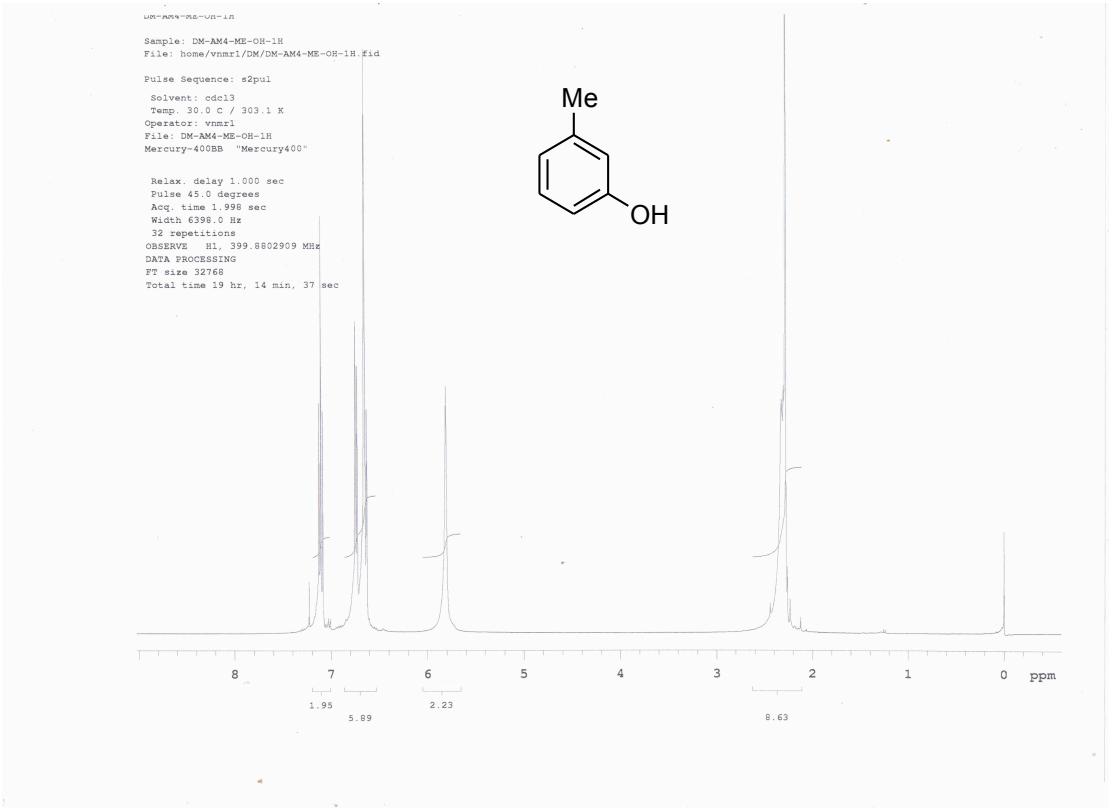




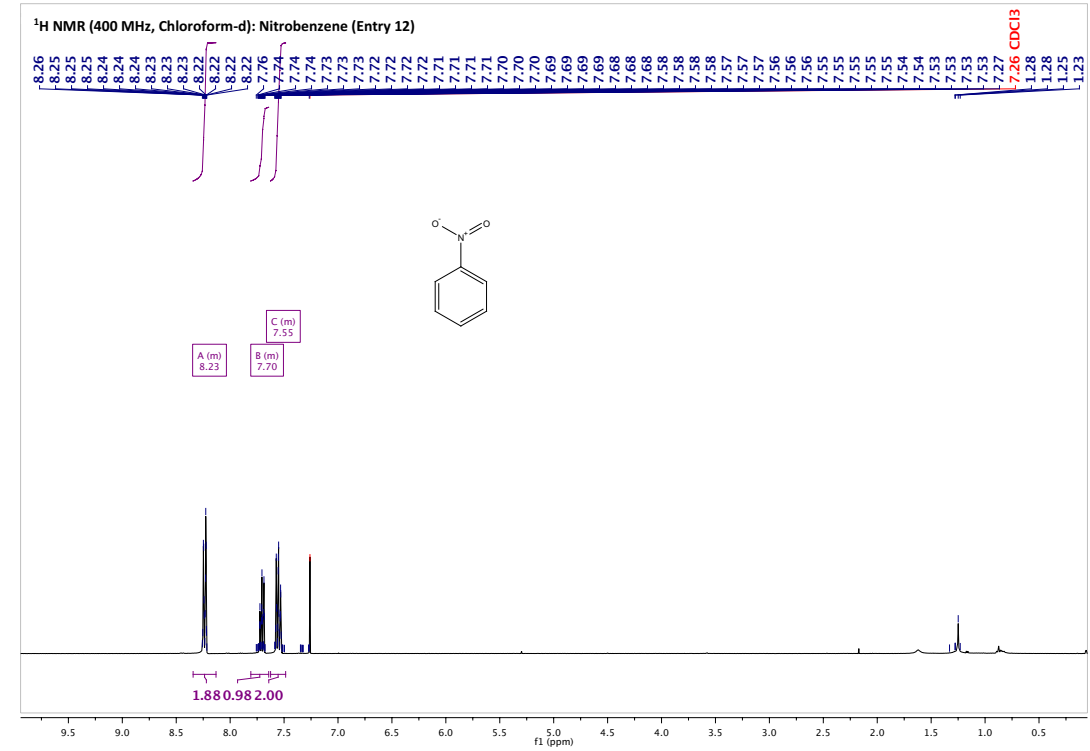
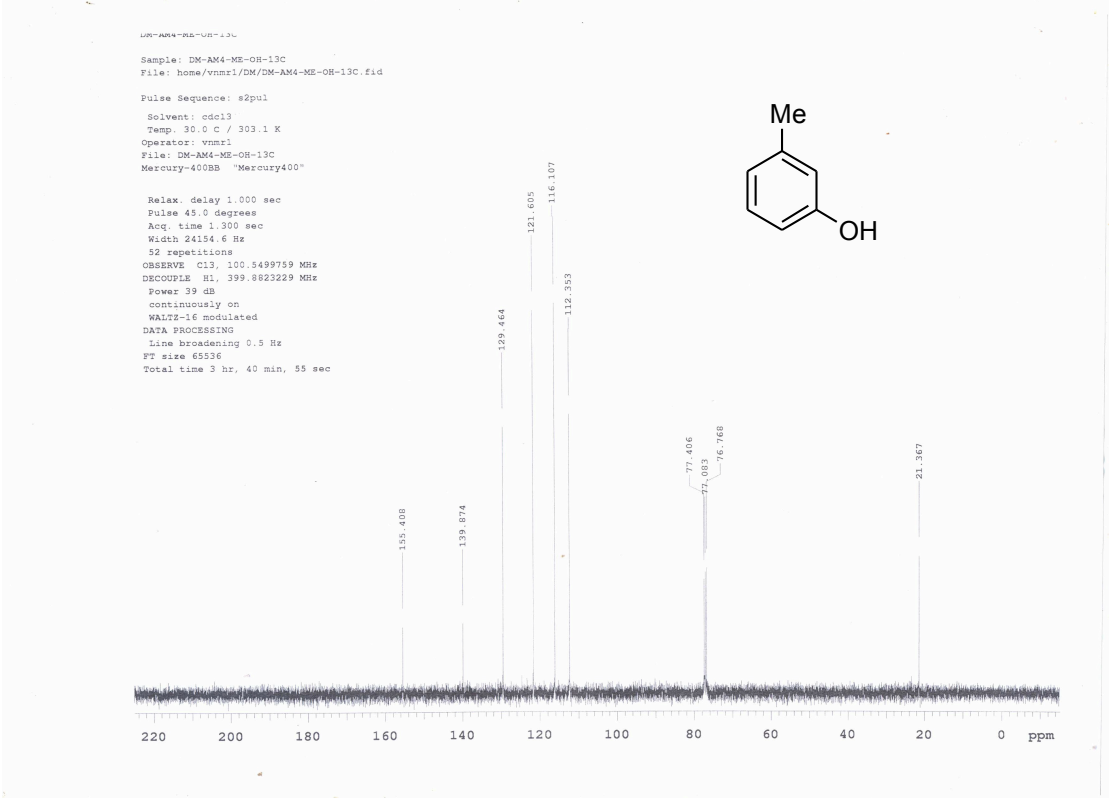


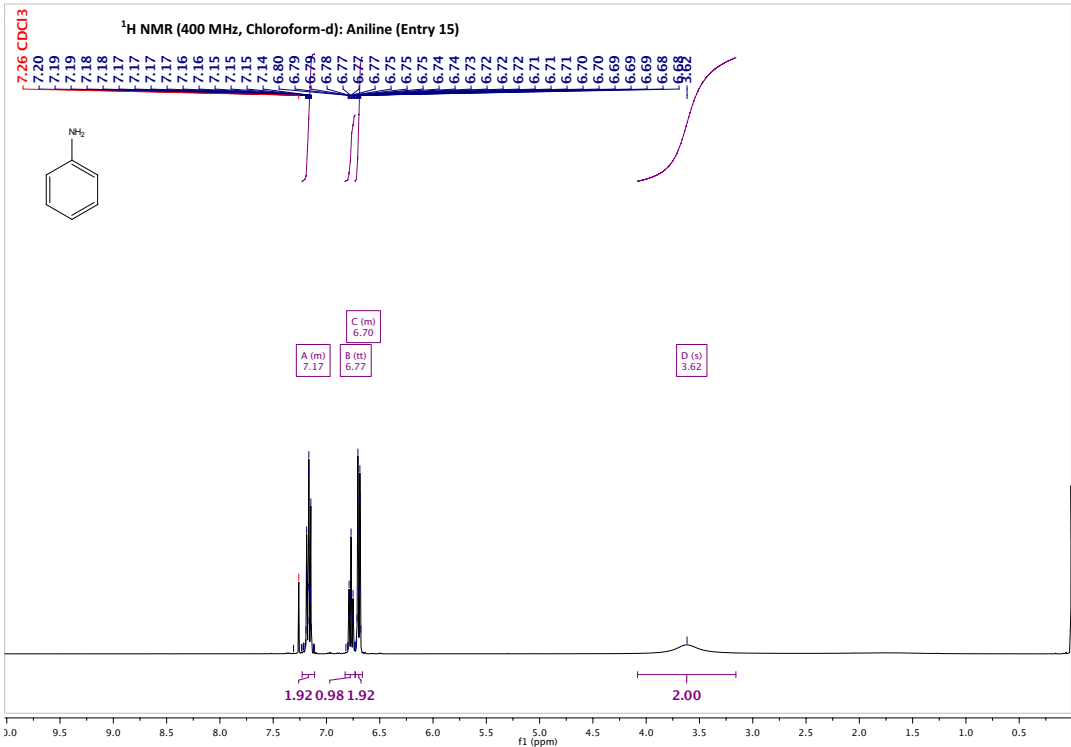
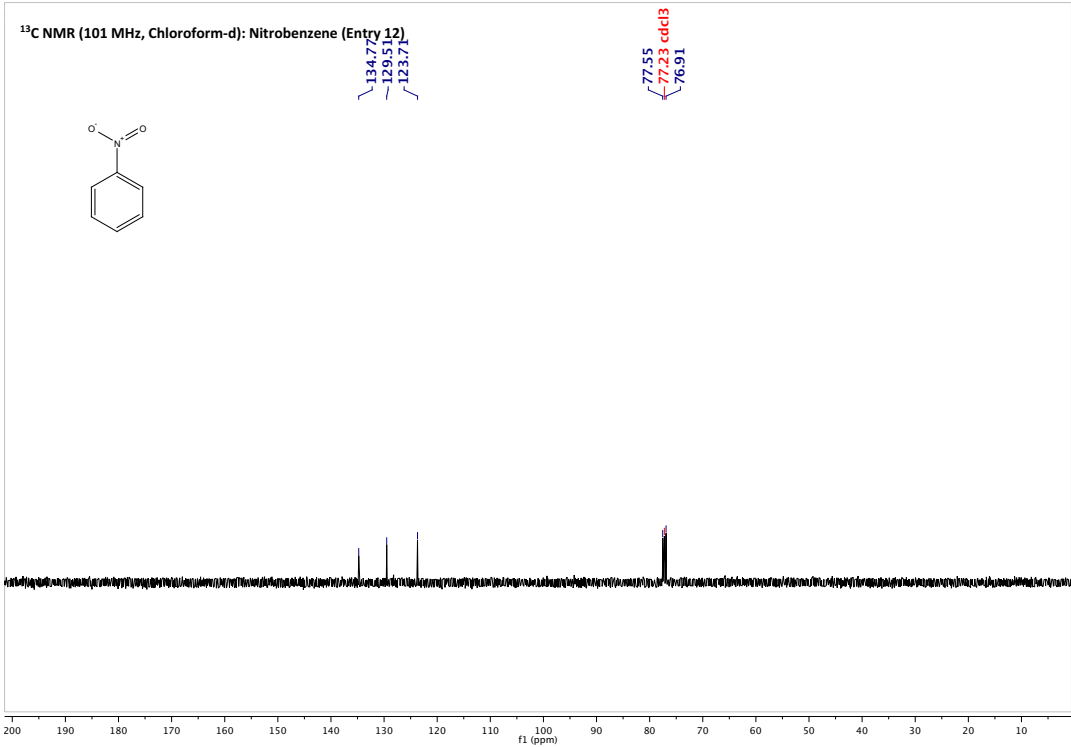


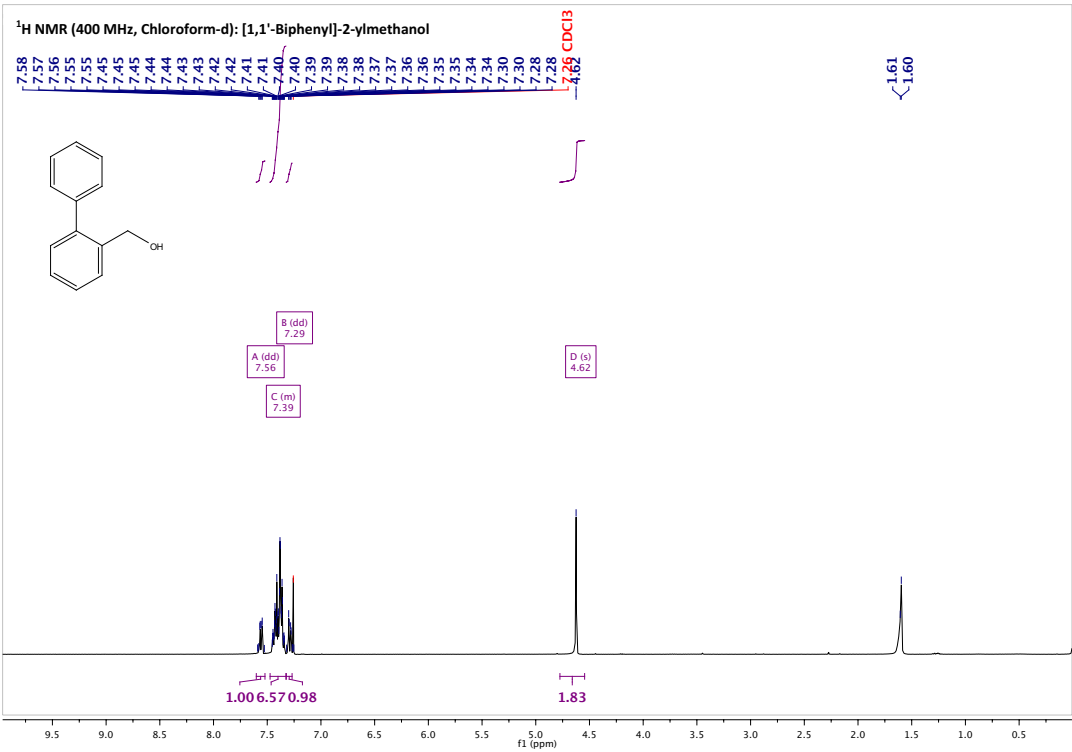
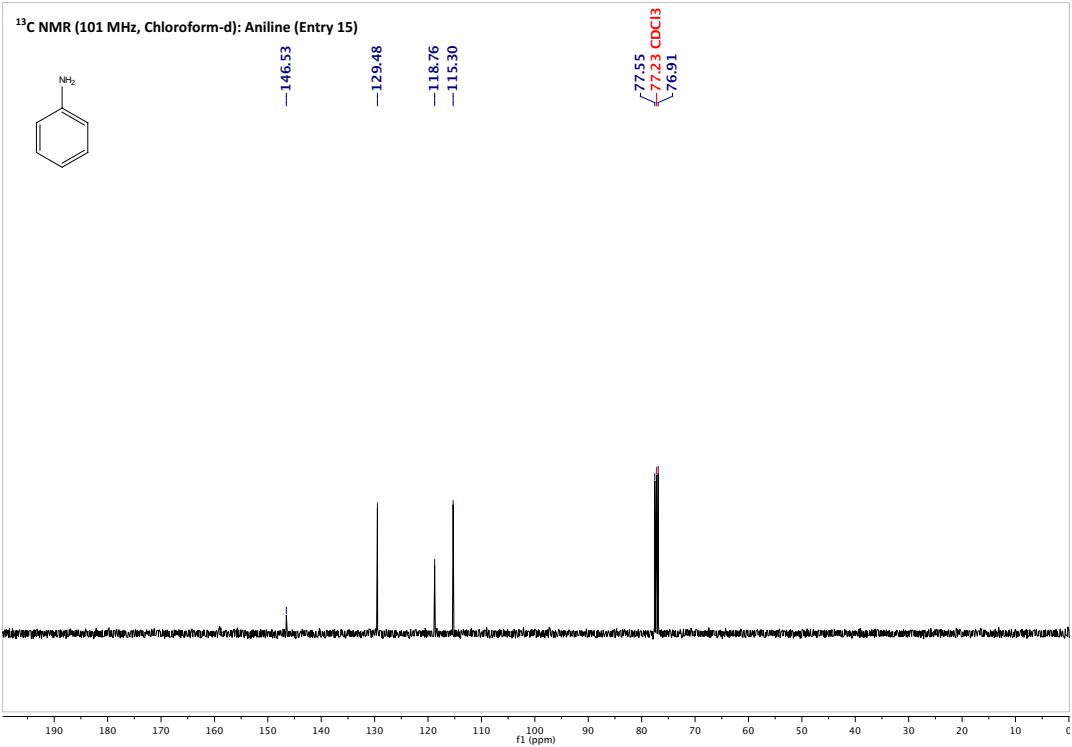
¹H NMR (400 MHz, Chloroform-d): 3-Methylphenol

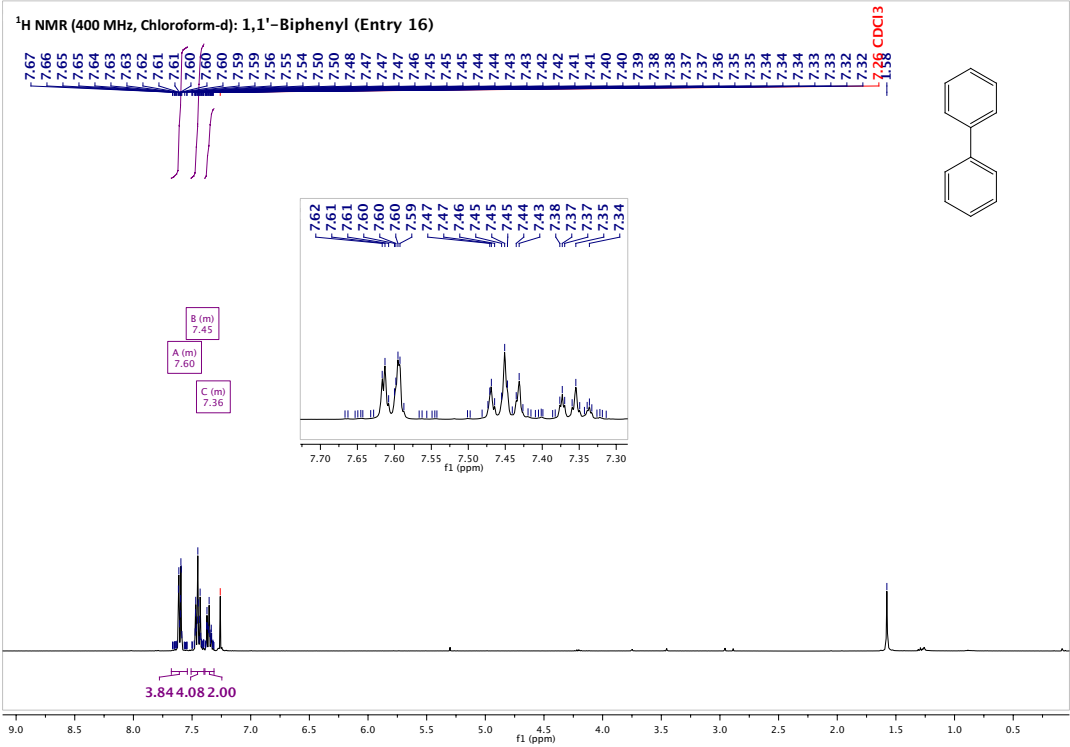
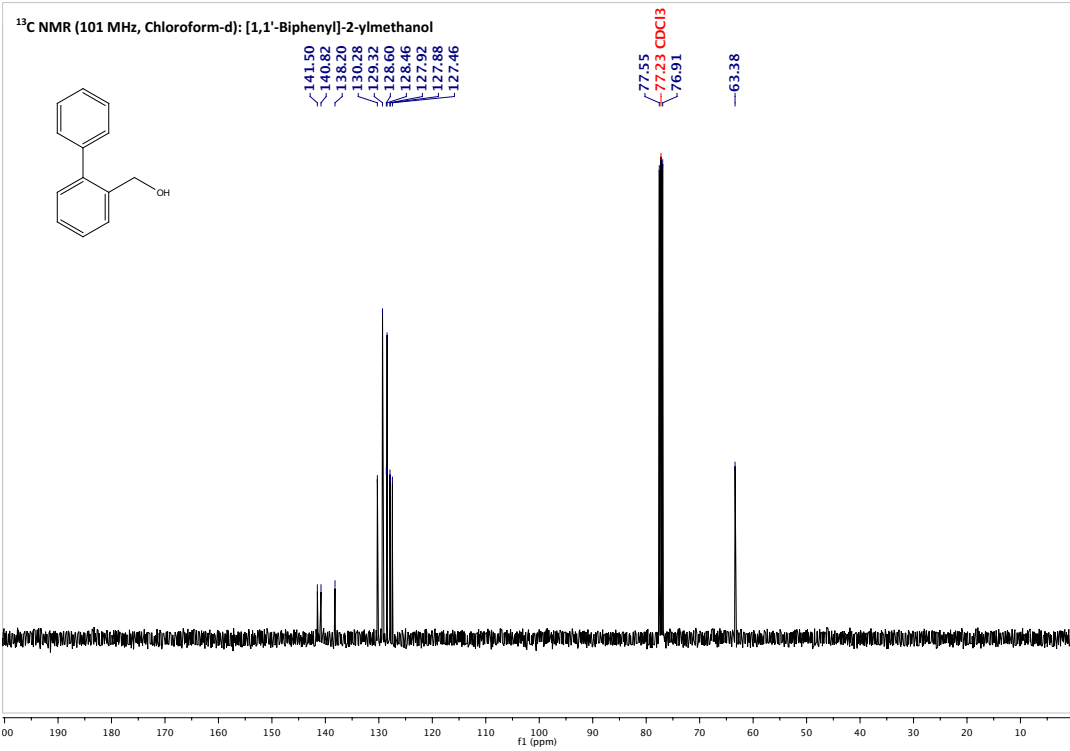


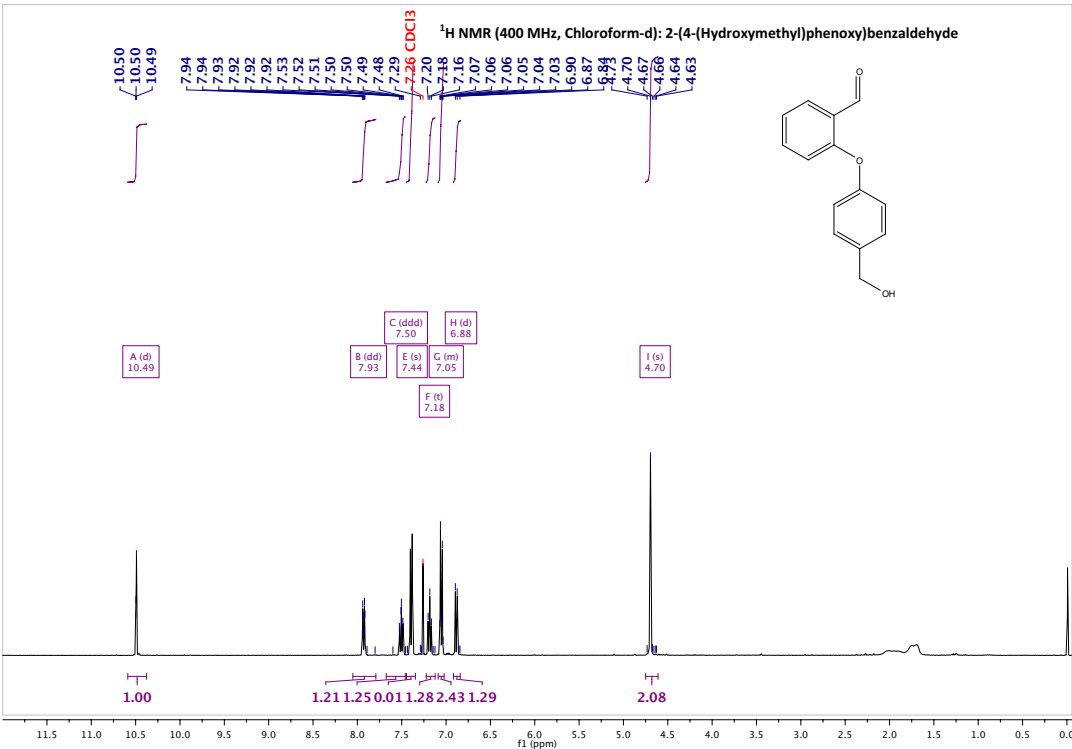
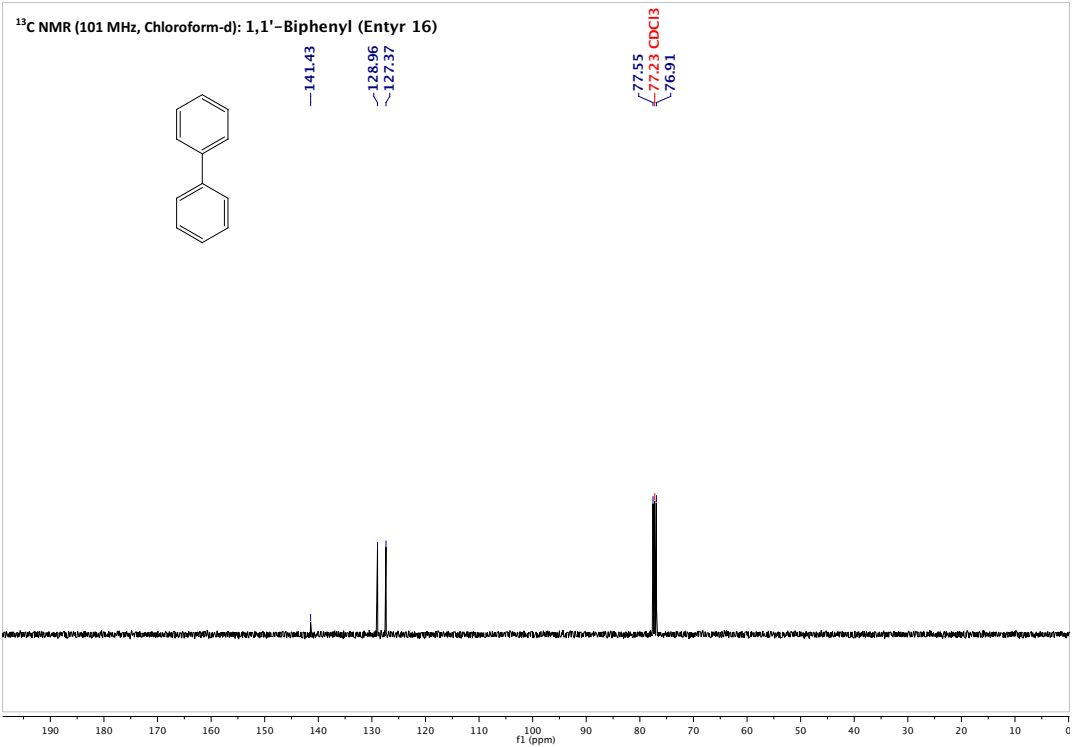
¹³C NMR (101 MHz, Chloroform-d): 3-Methylphenol

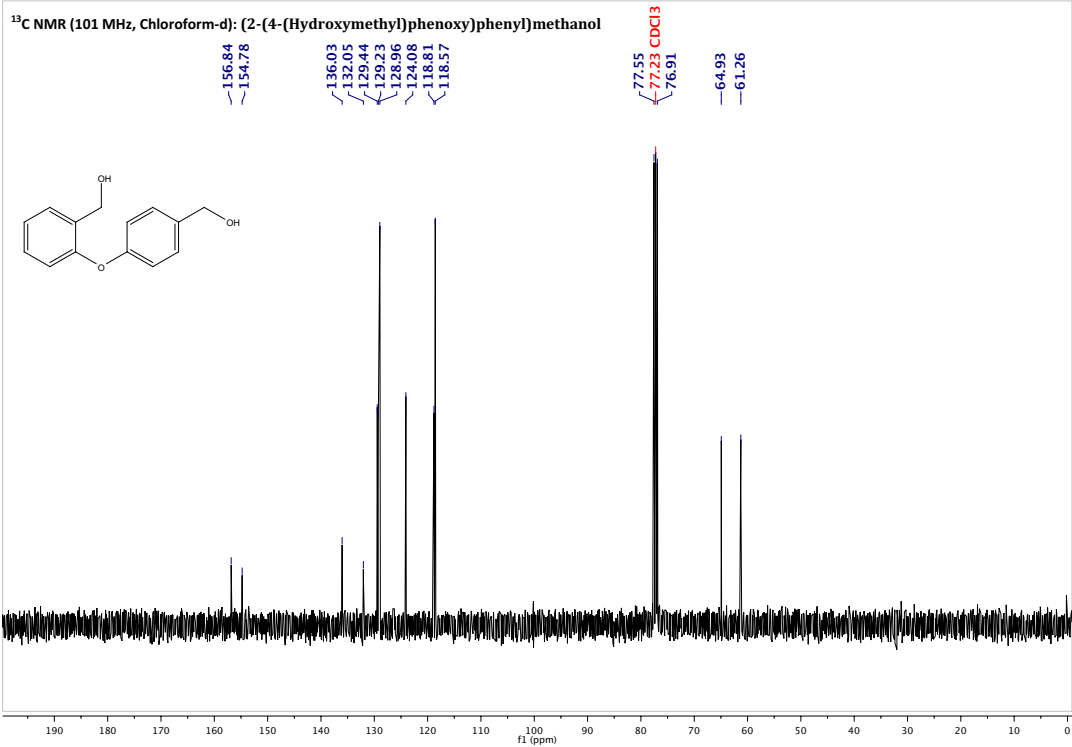
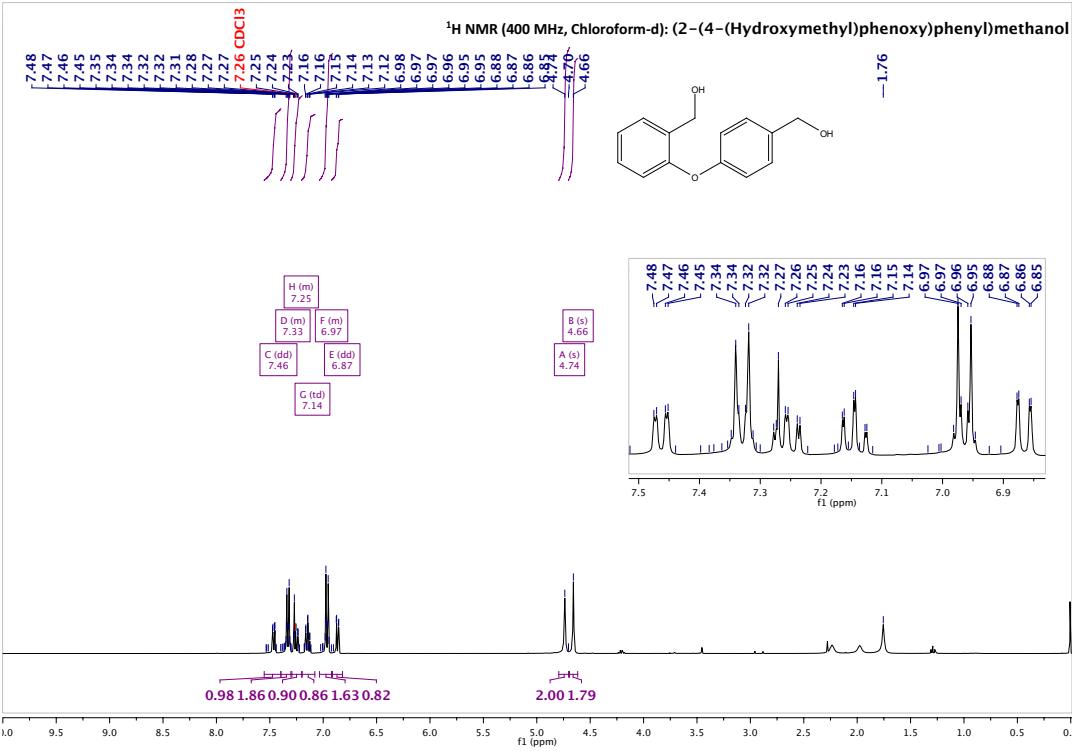


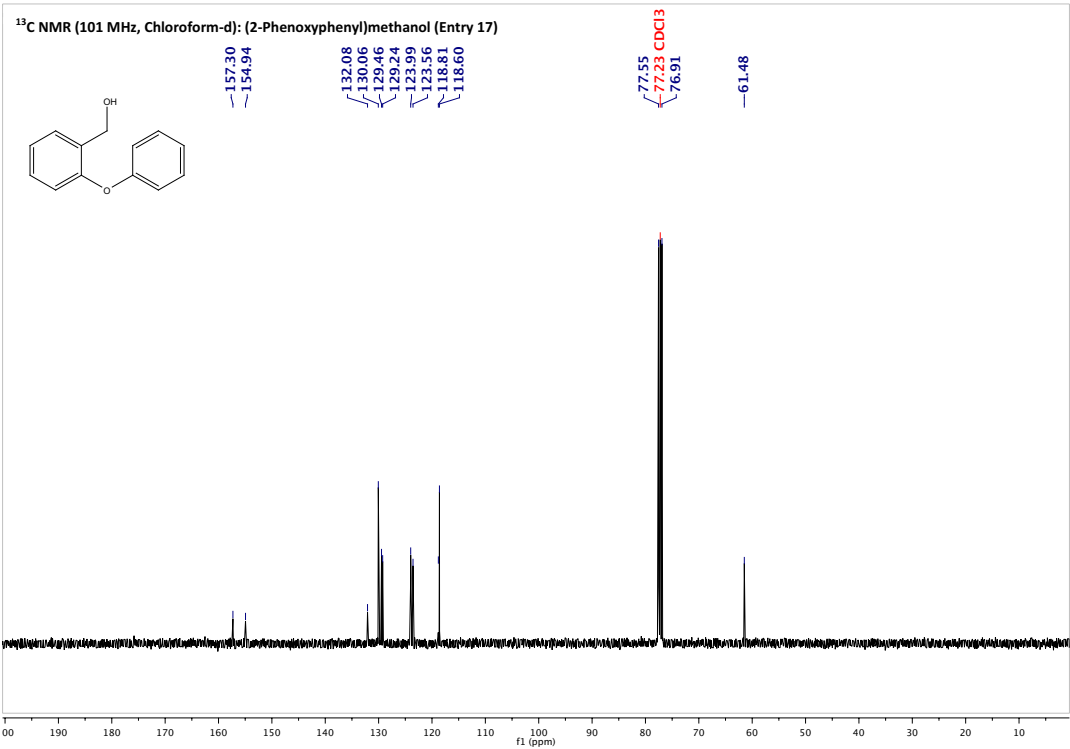
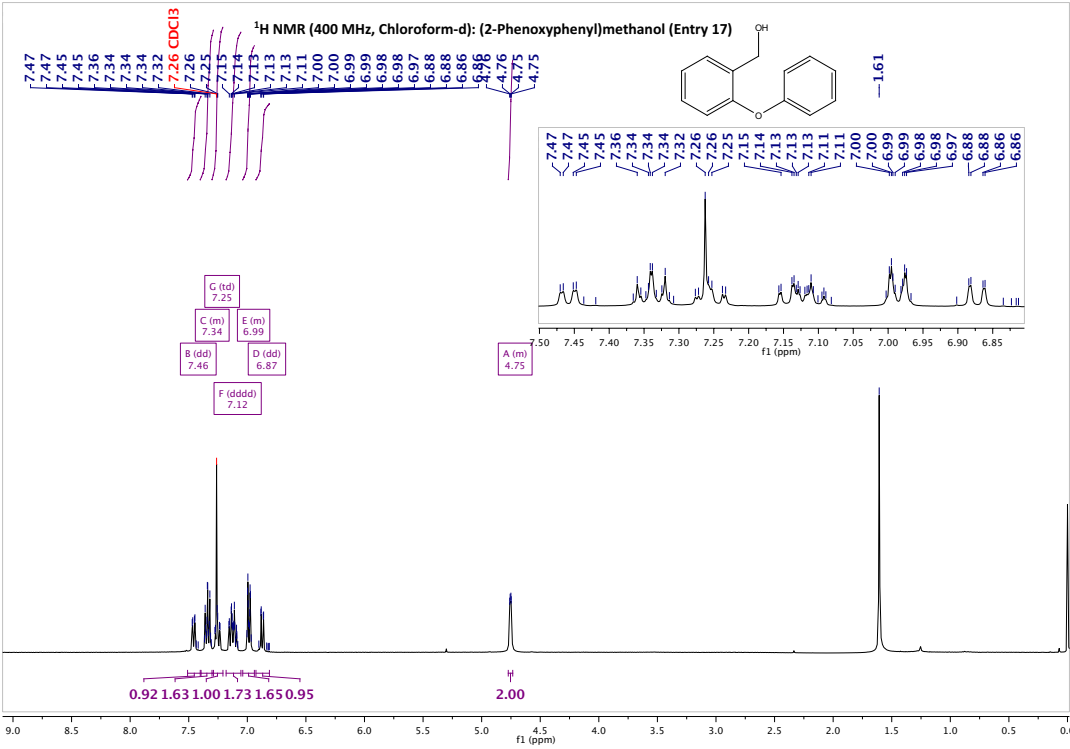




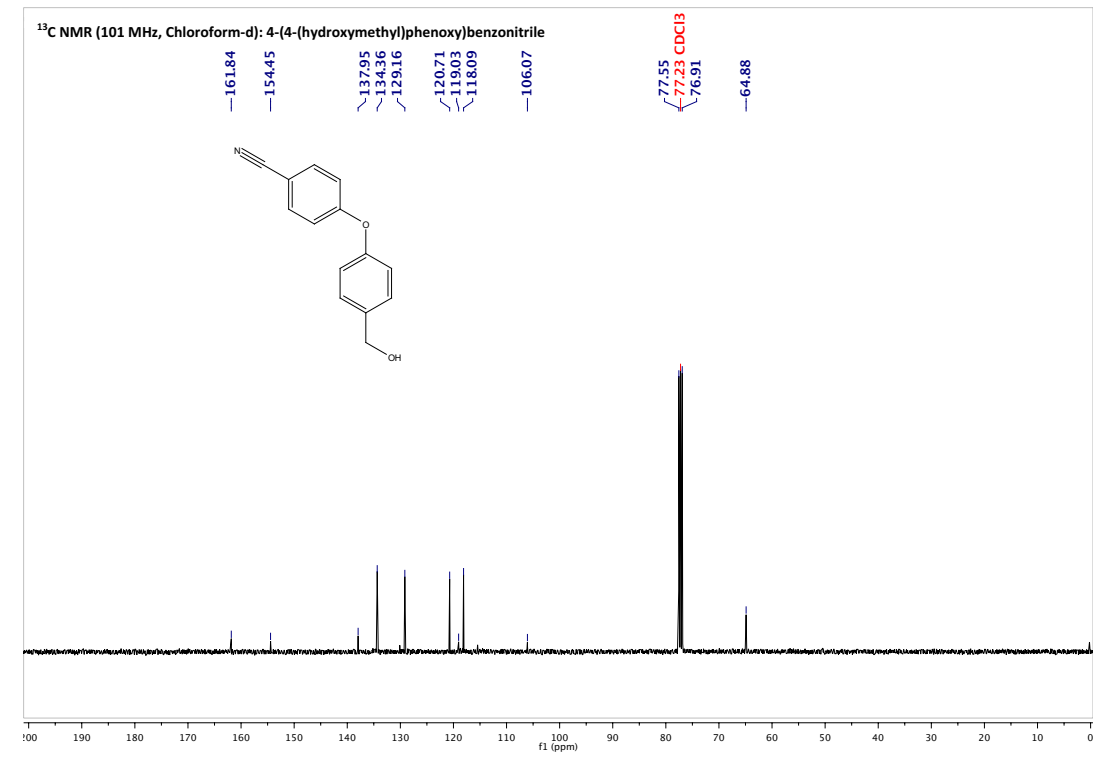
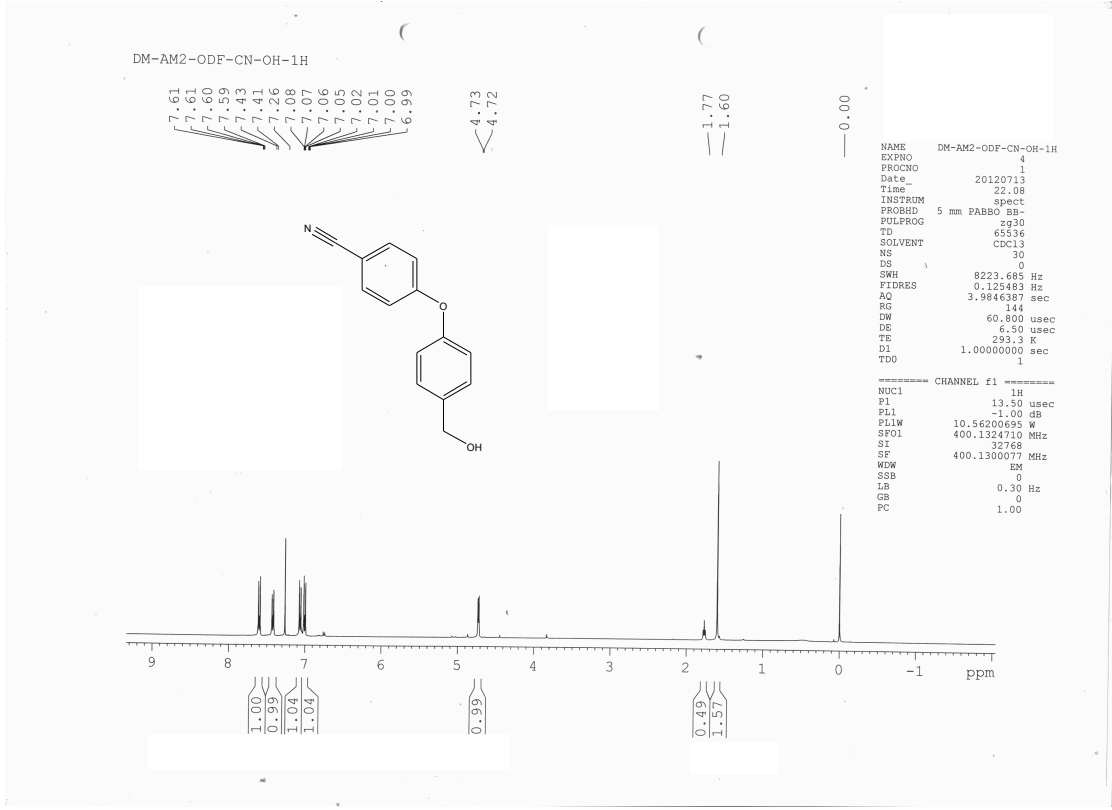


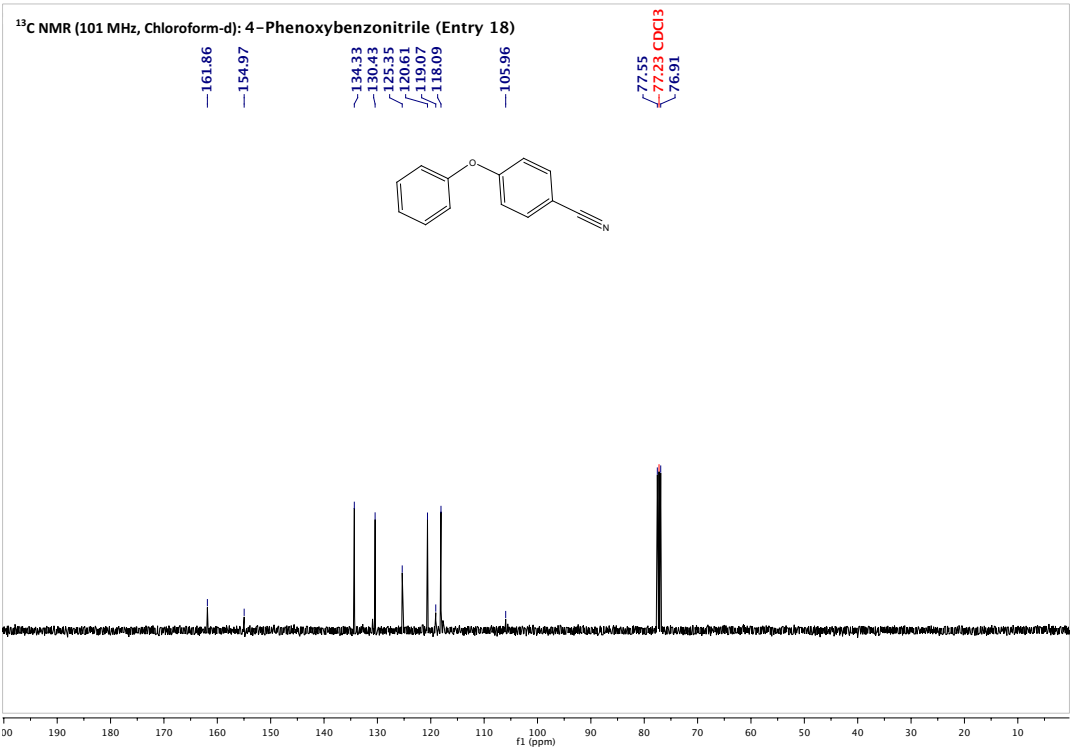
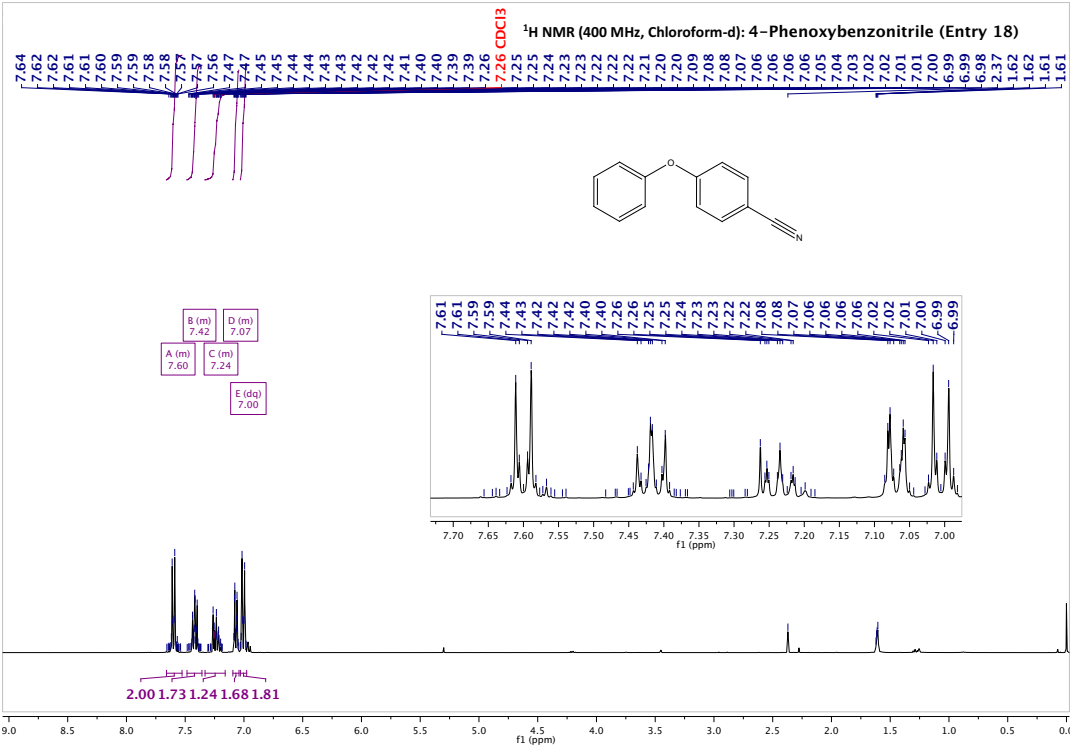


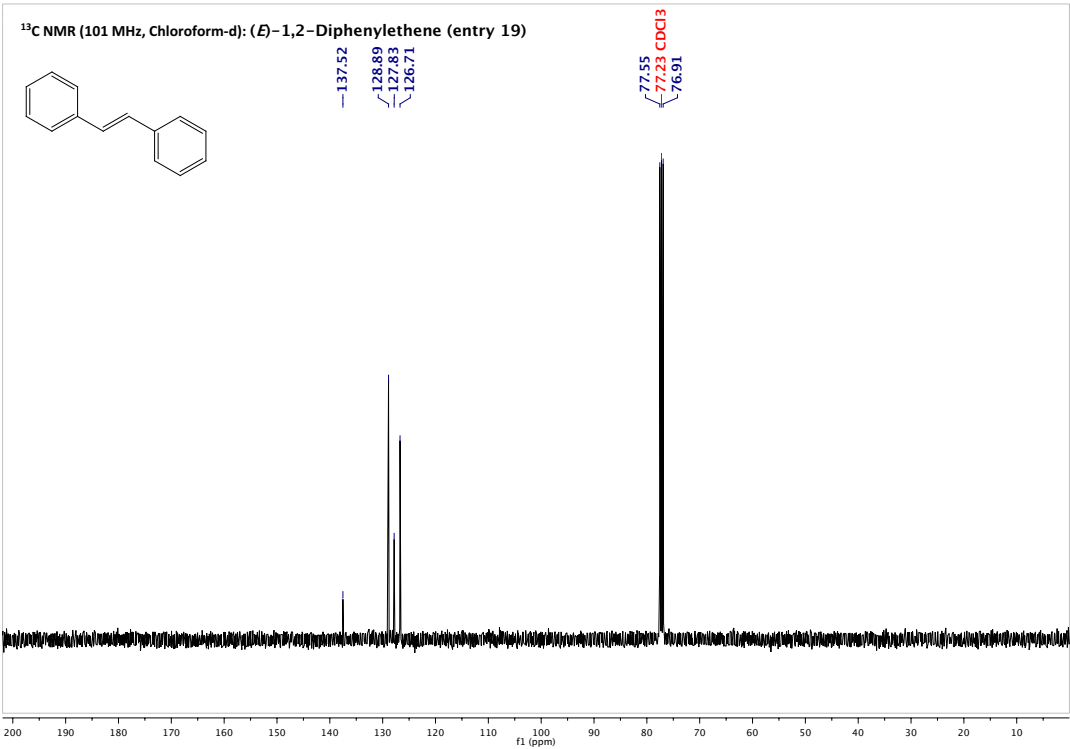
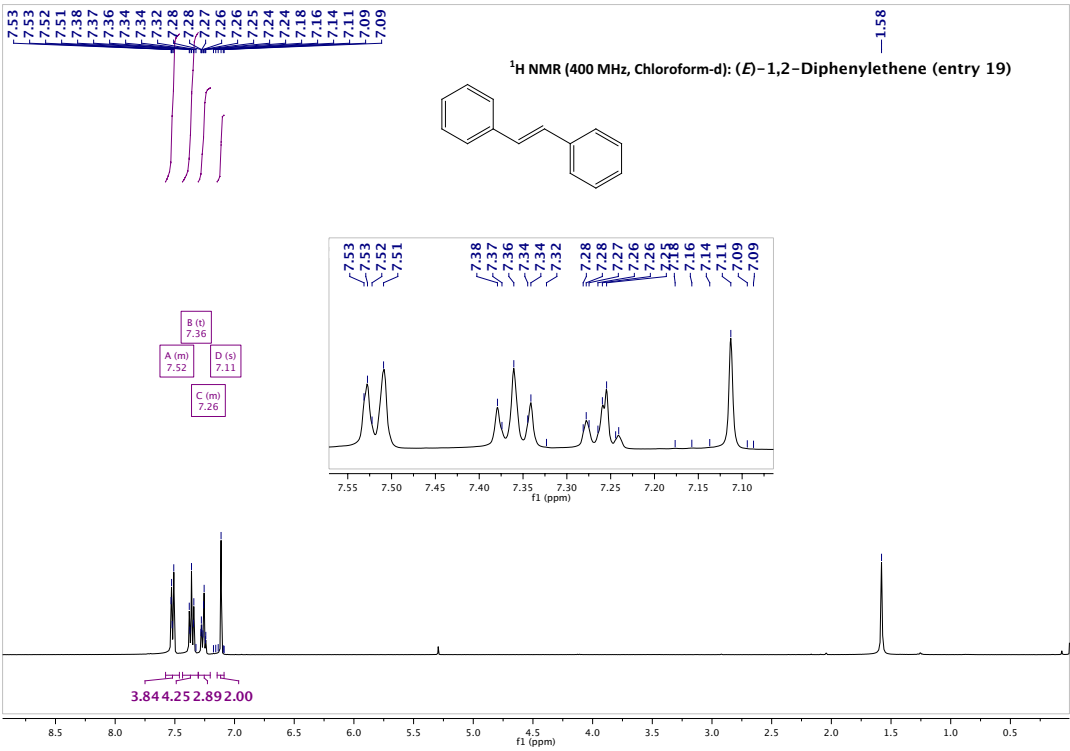


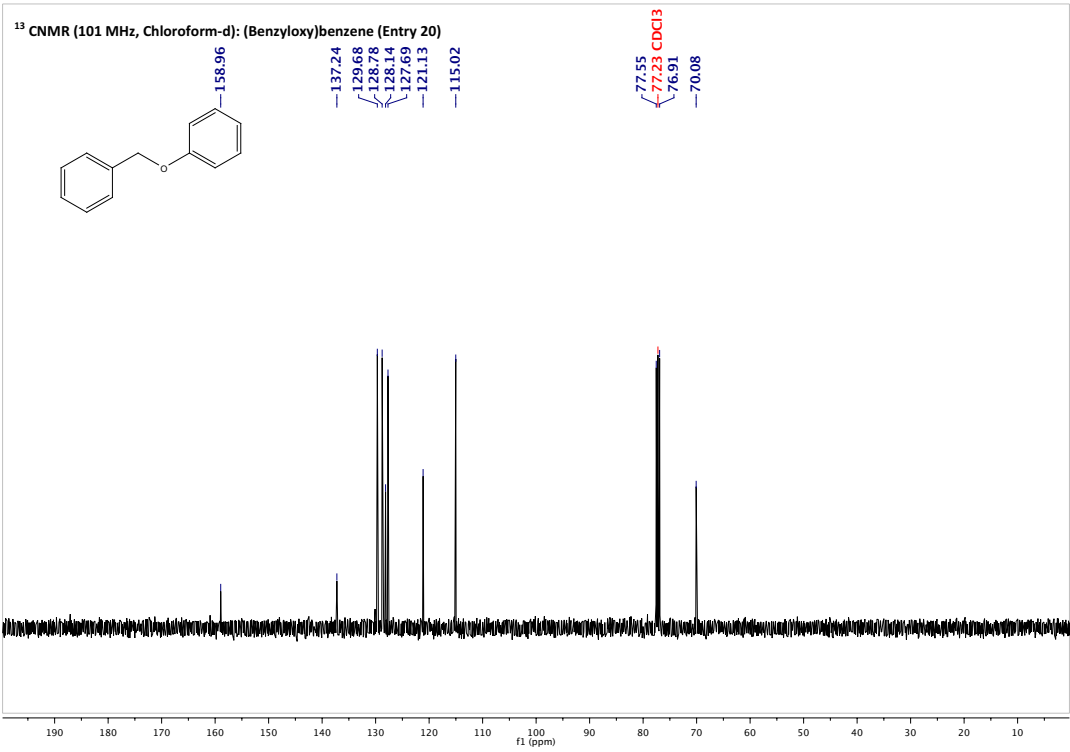
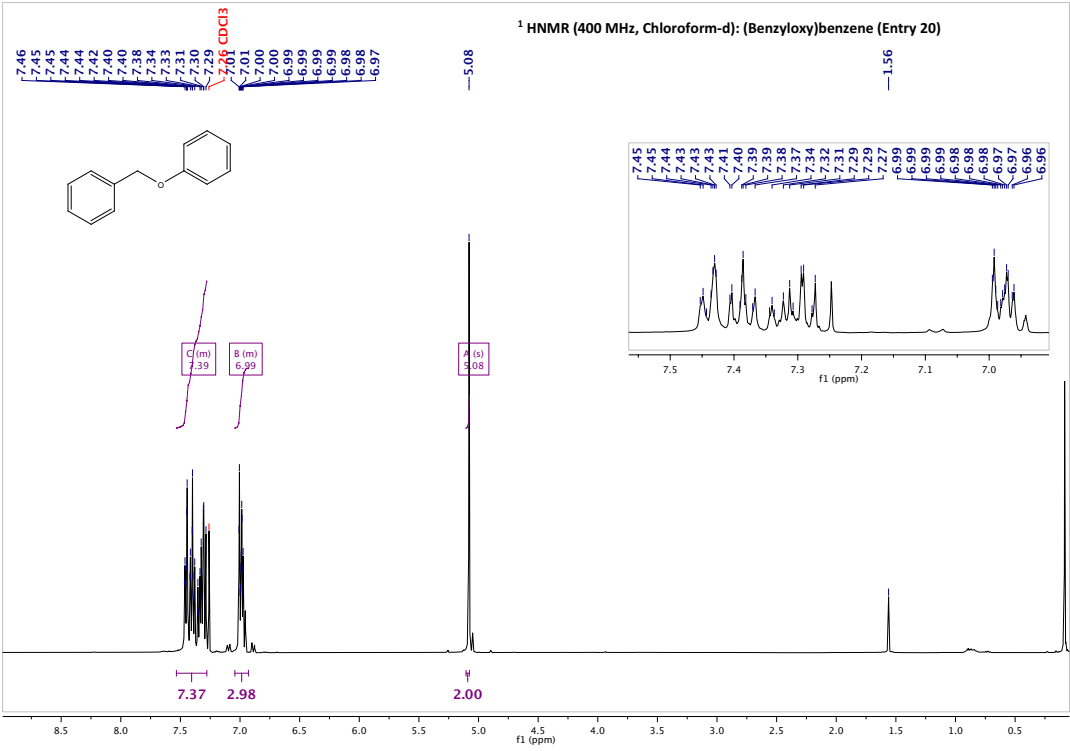


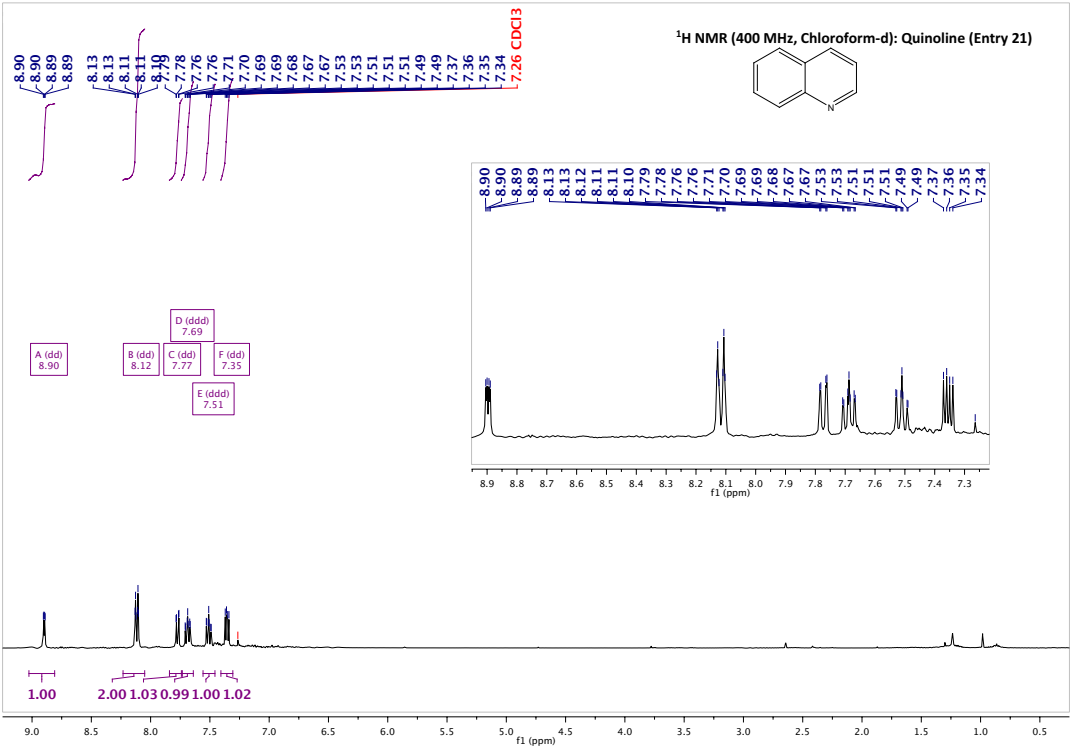
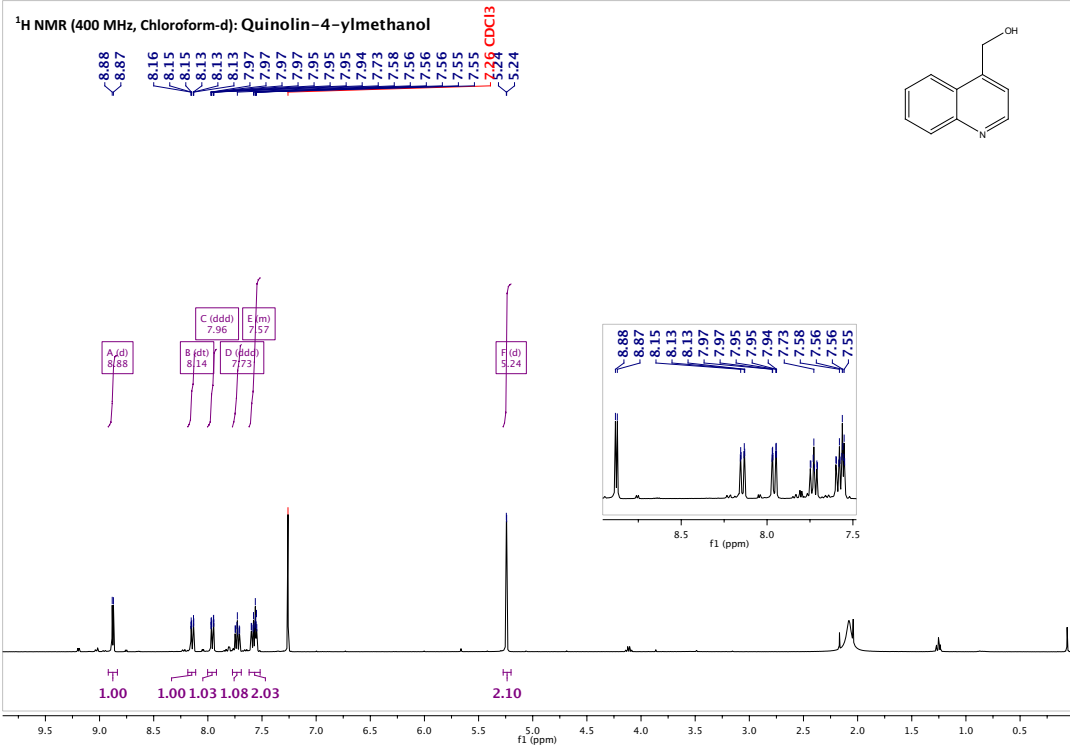
¹H NMR (400 MHz, Chloroform-d): 4-(4-(Hydroxymethyl)phenoxy)benzonitrile

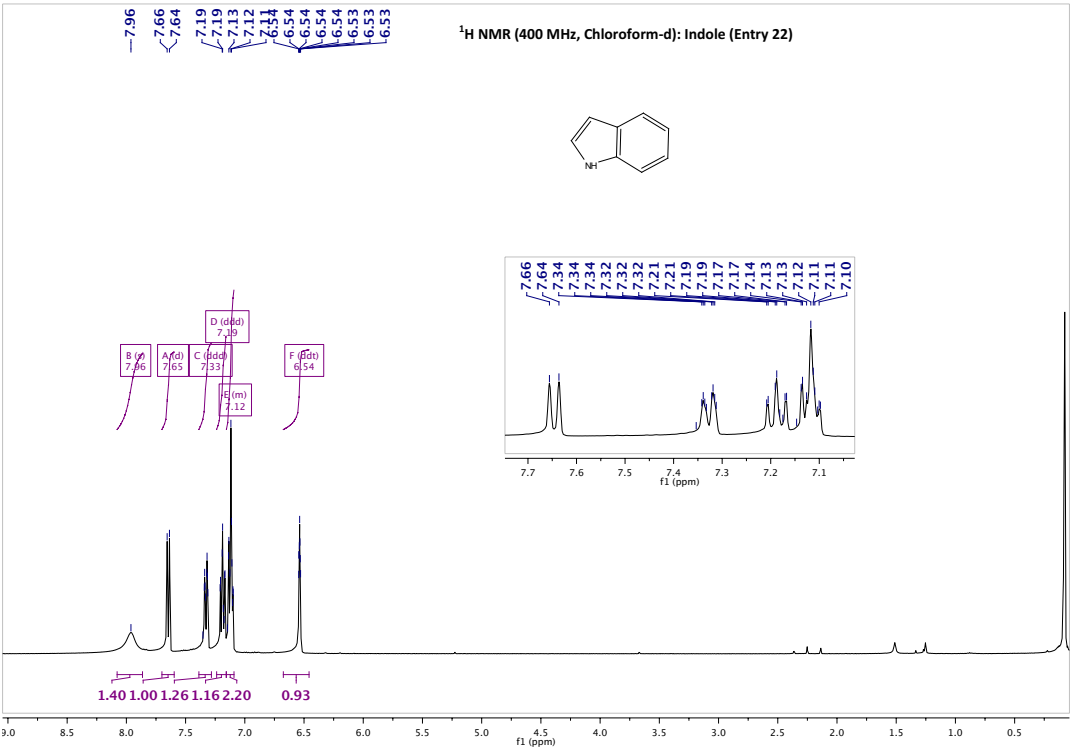
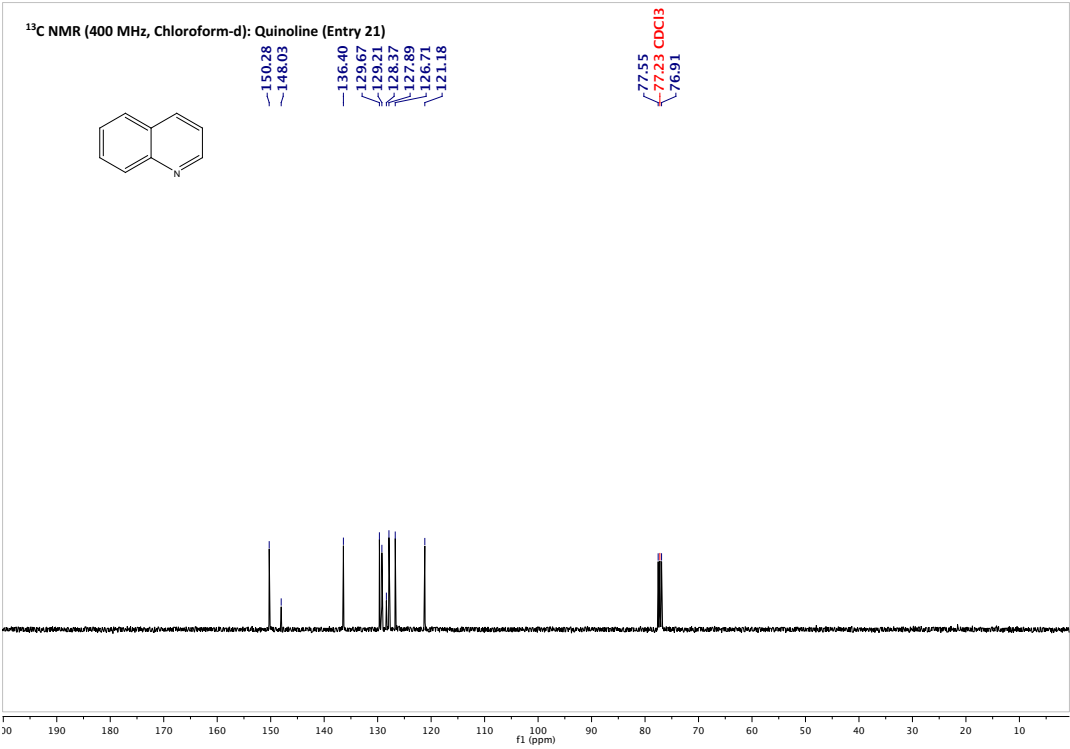


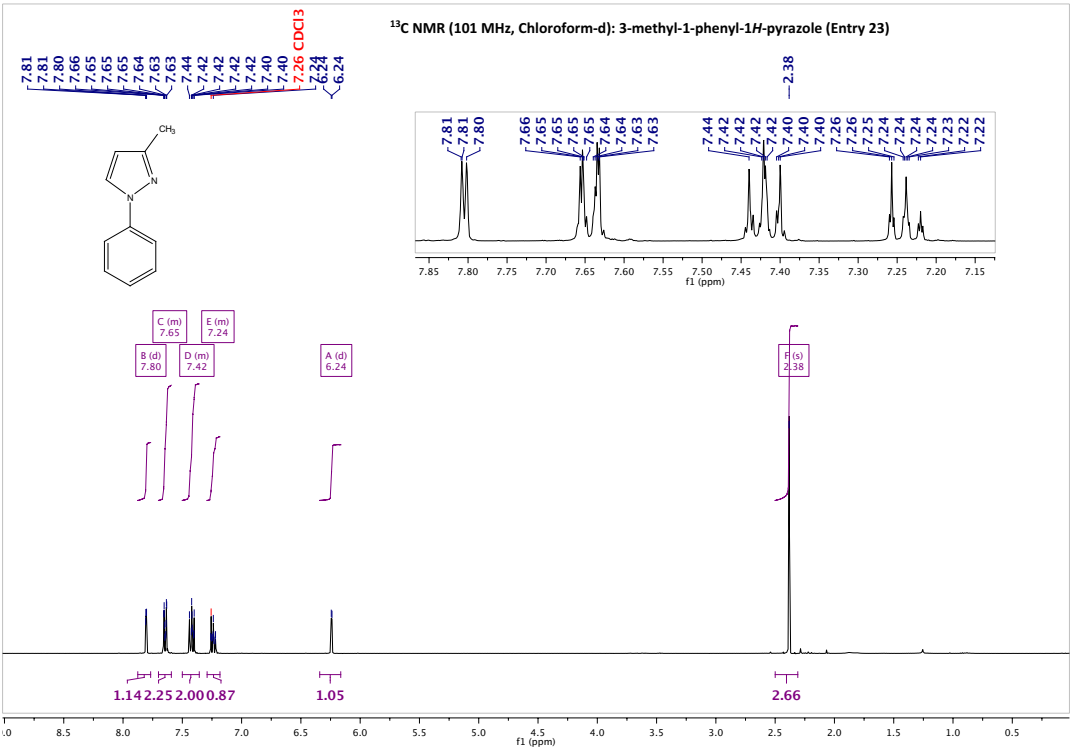
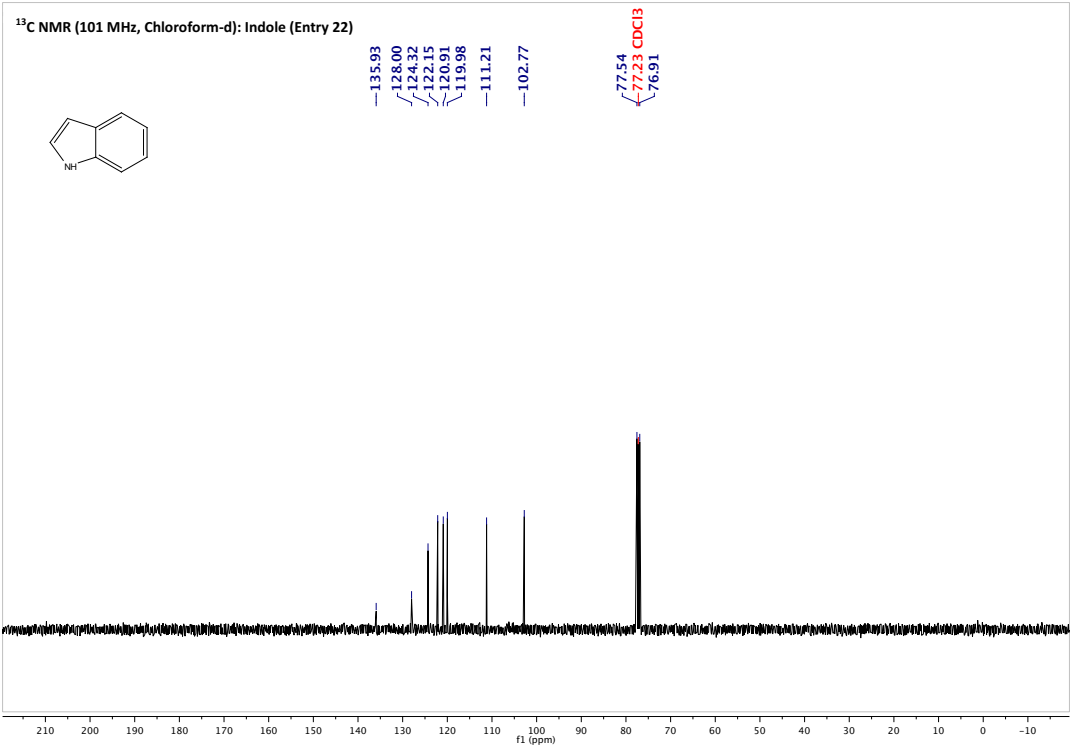


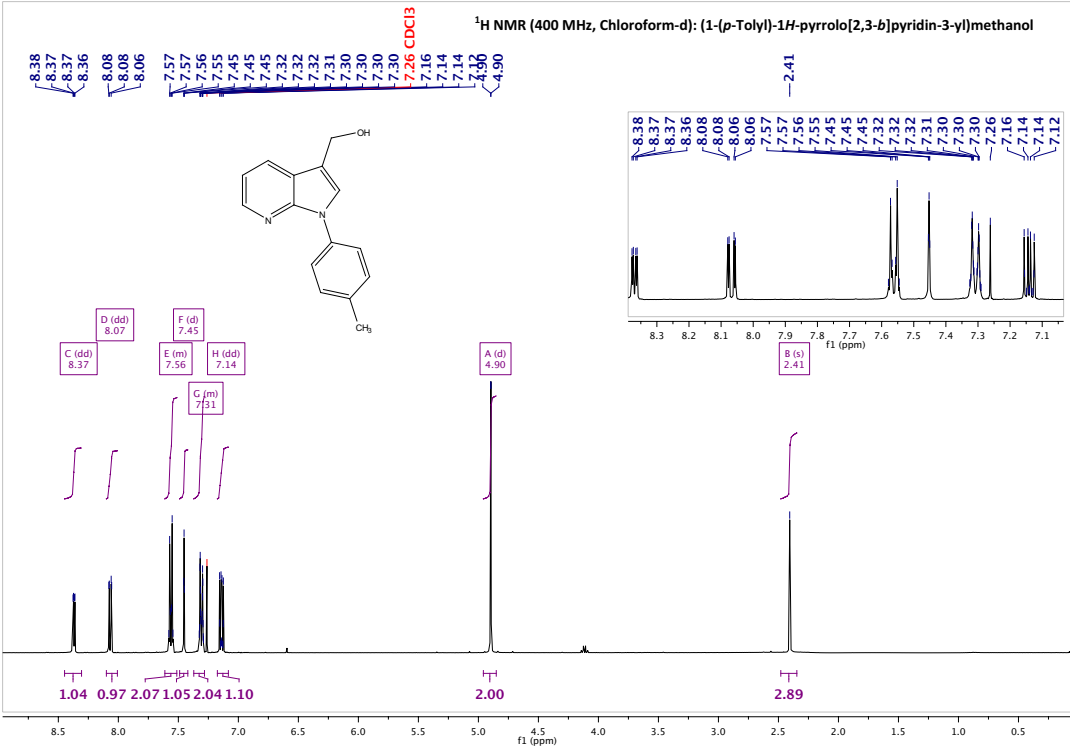
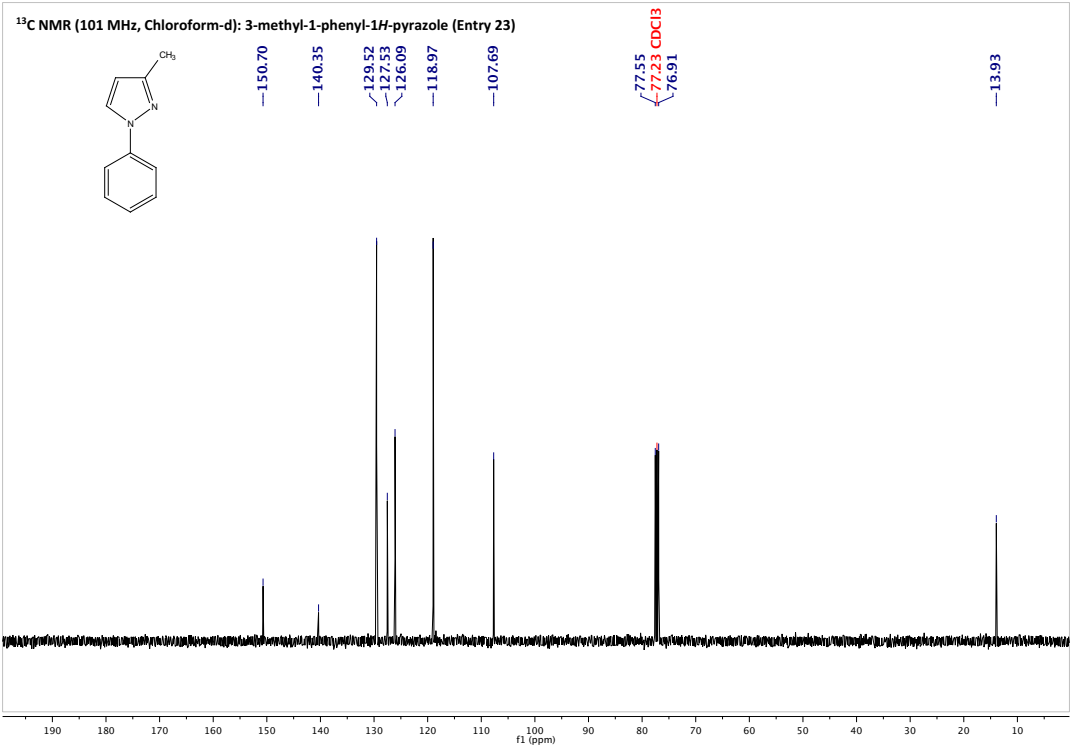


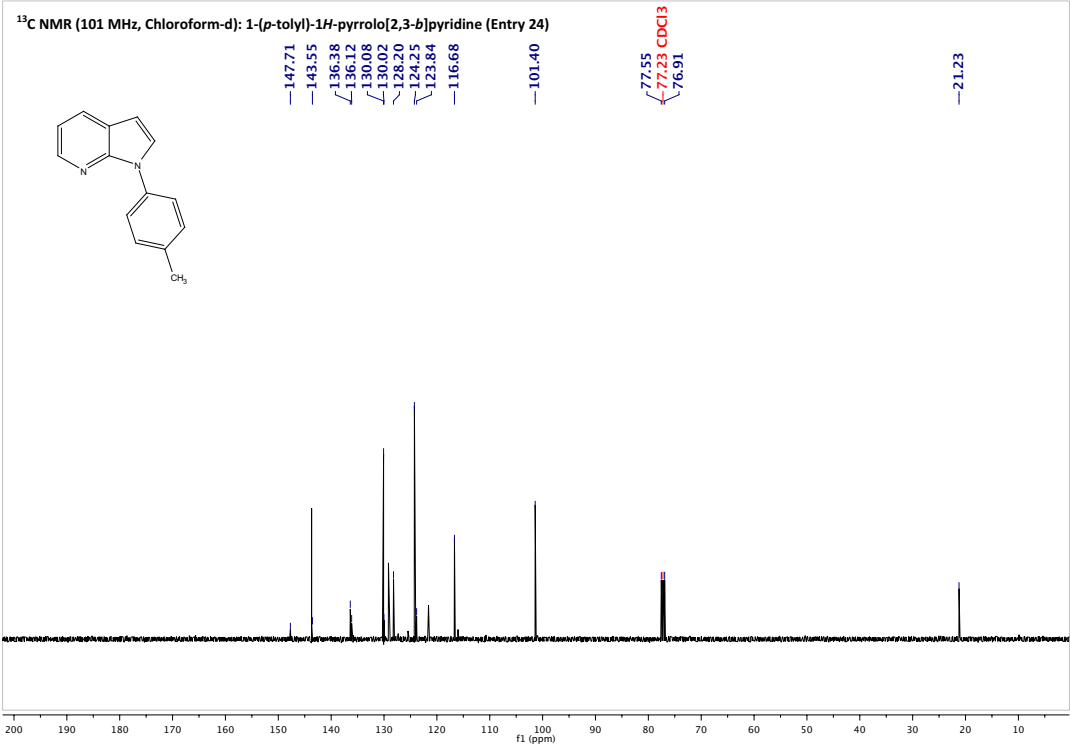
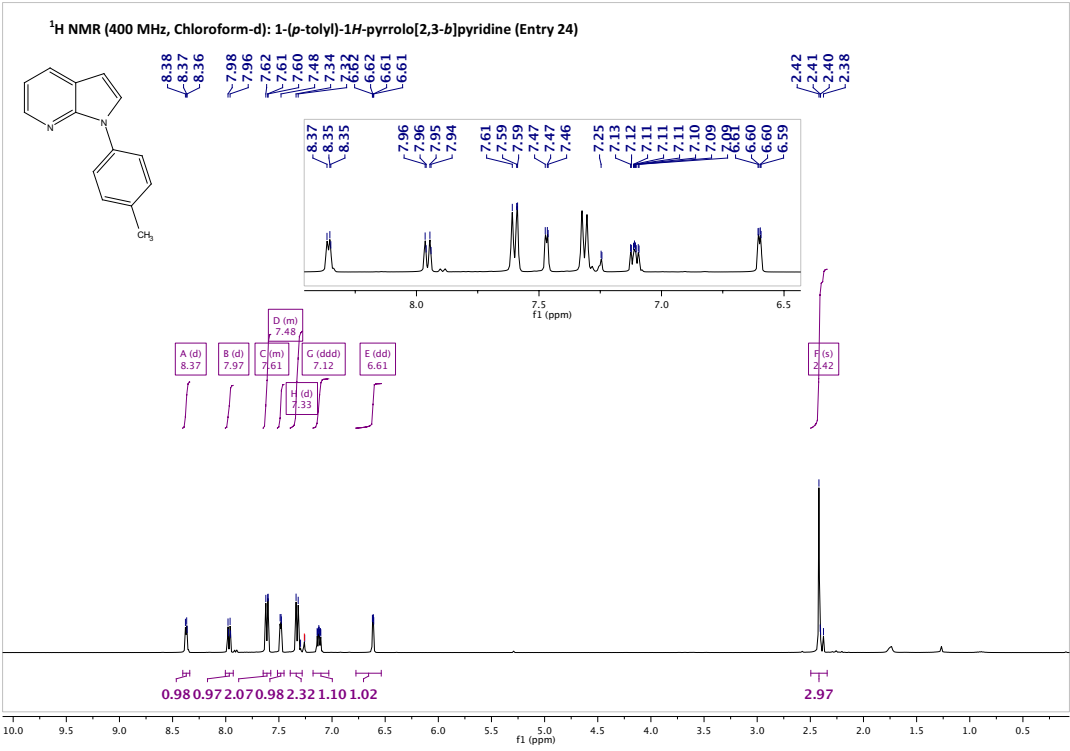


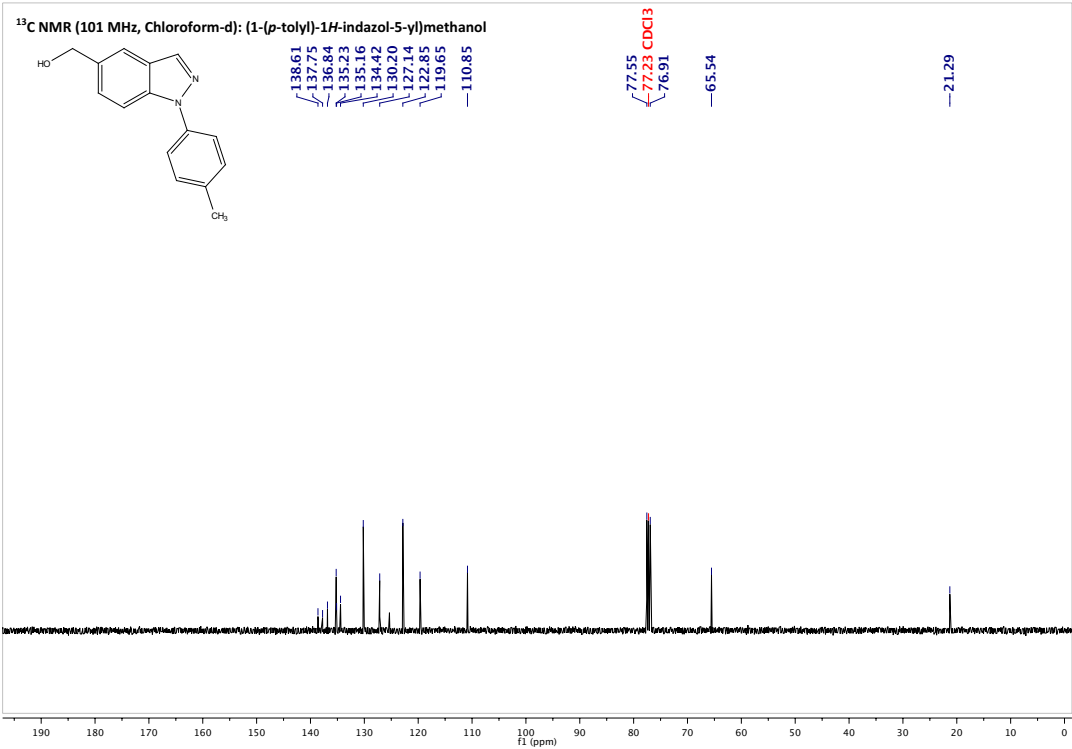
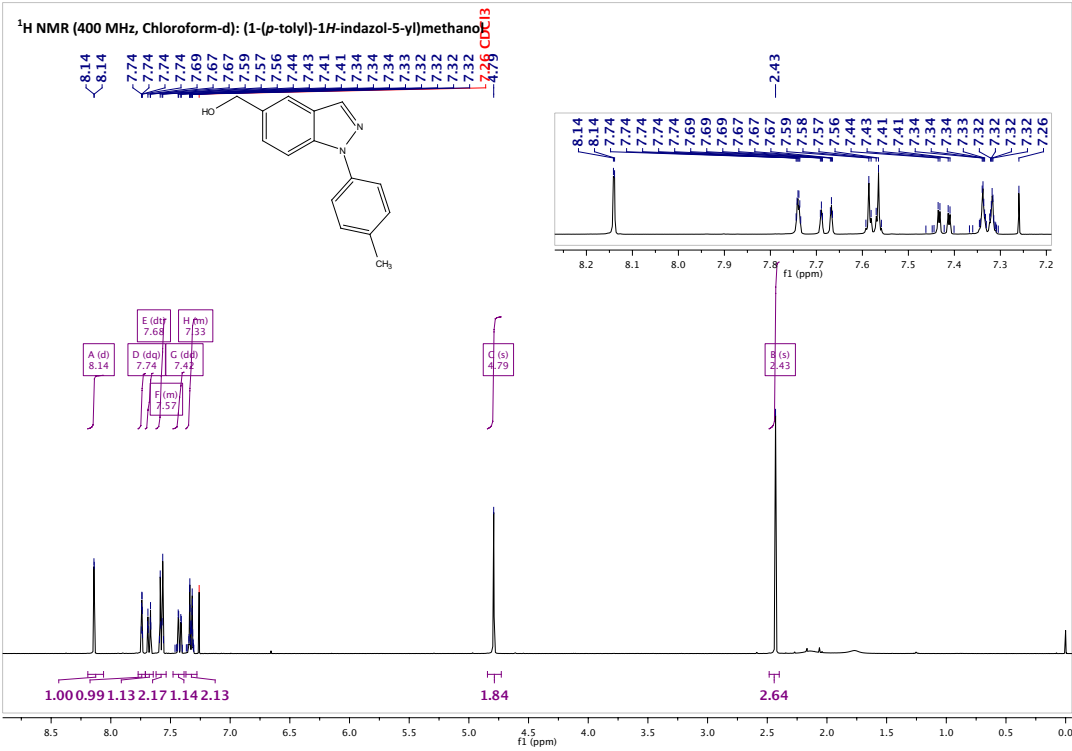


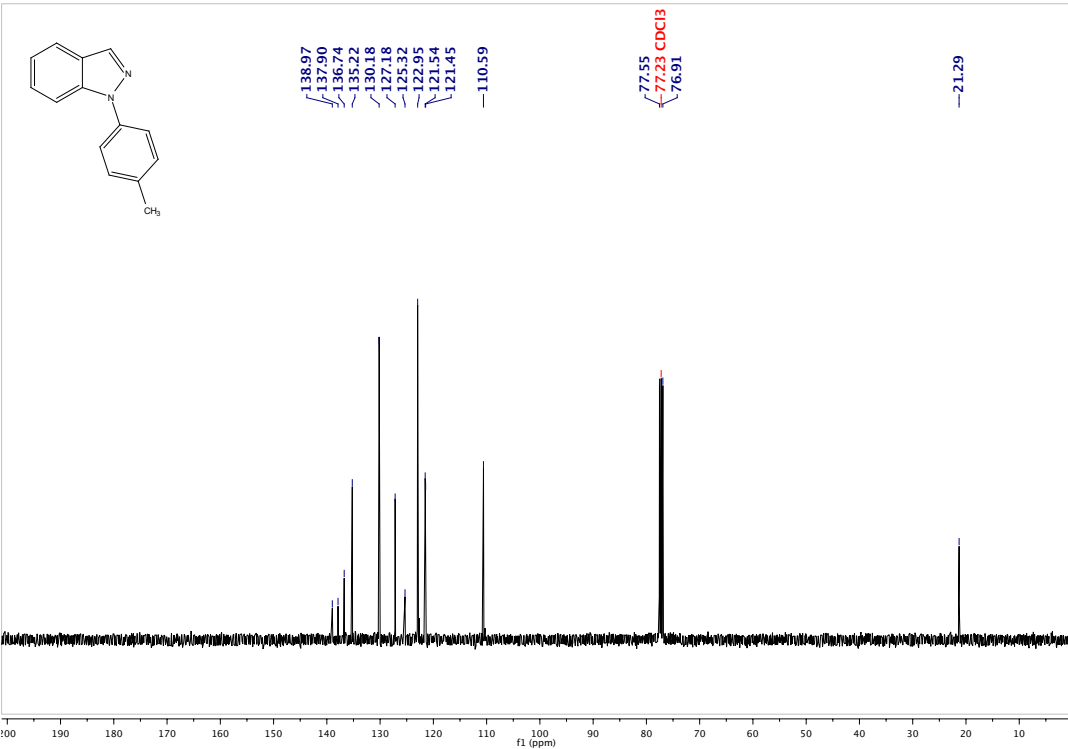
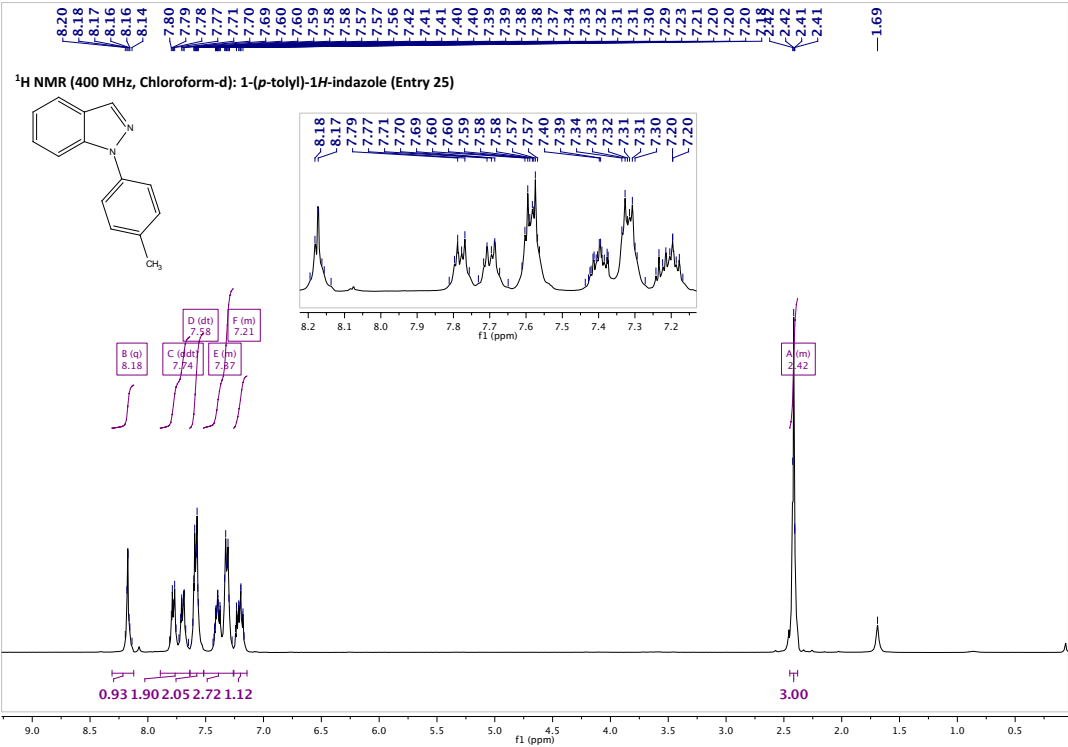


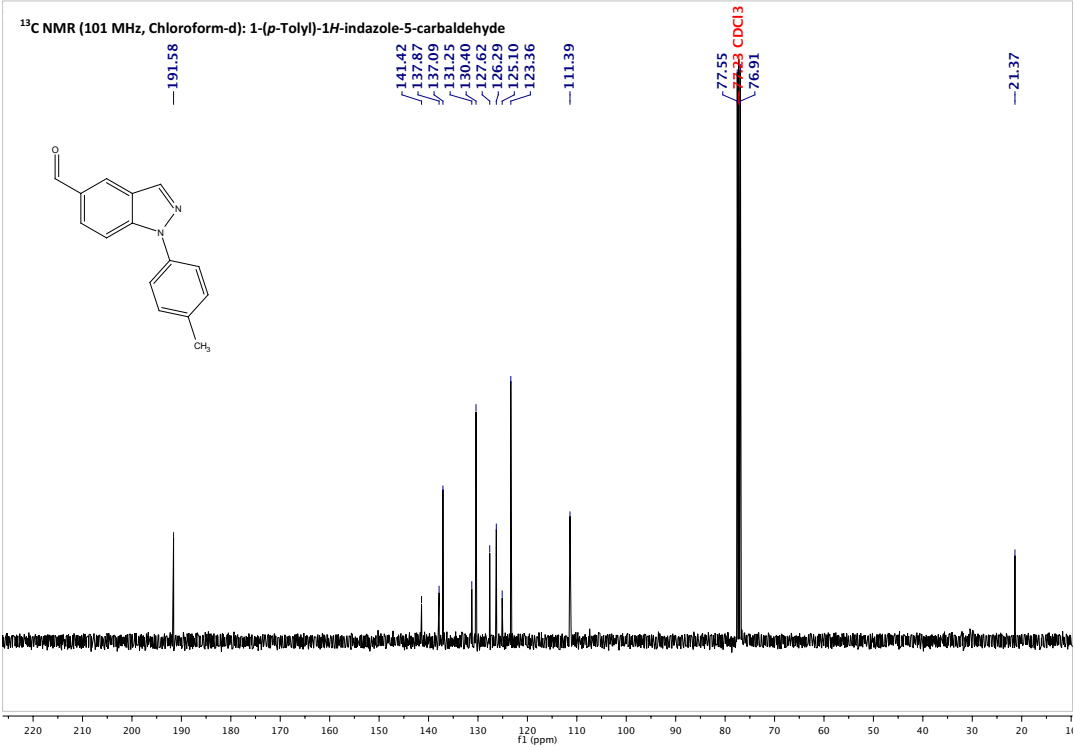
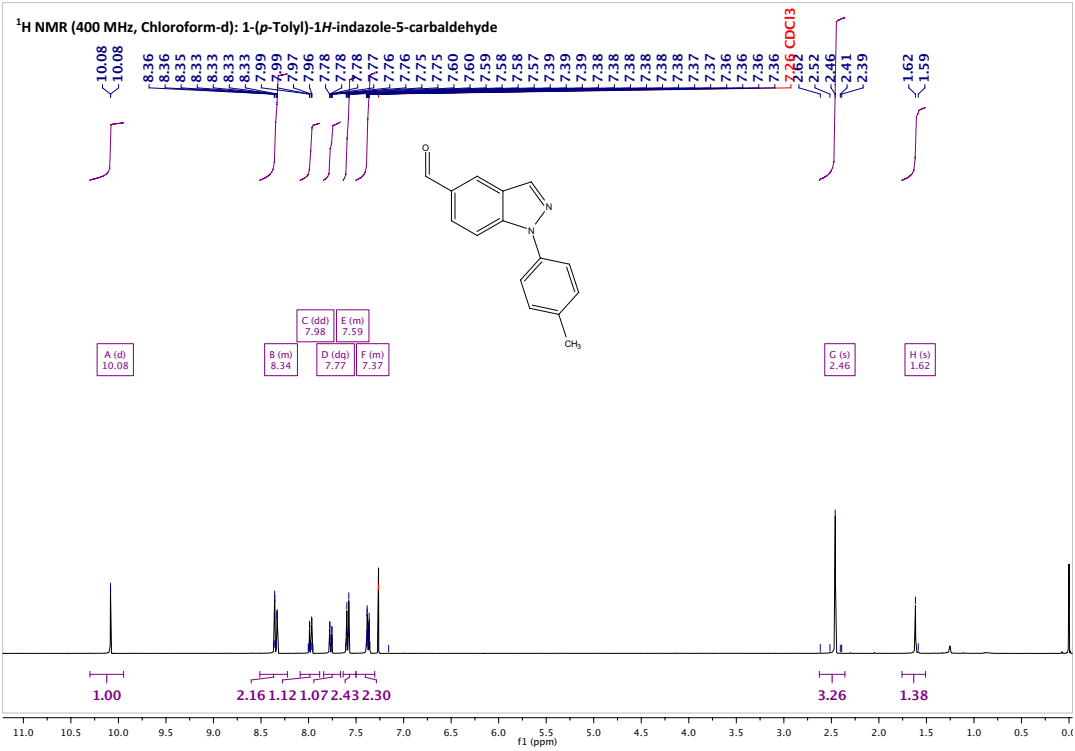


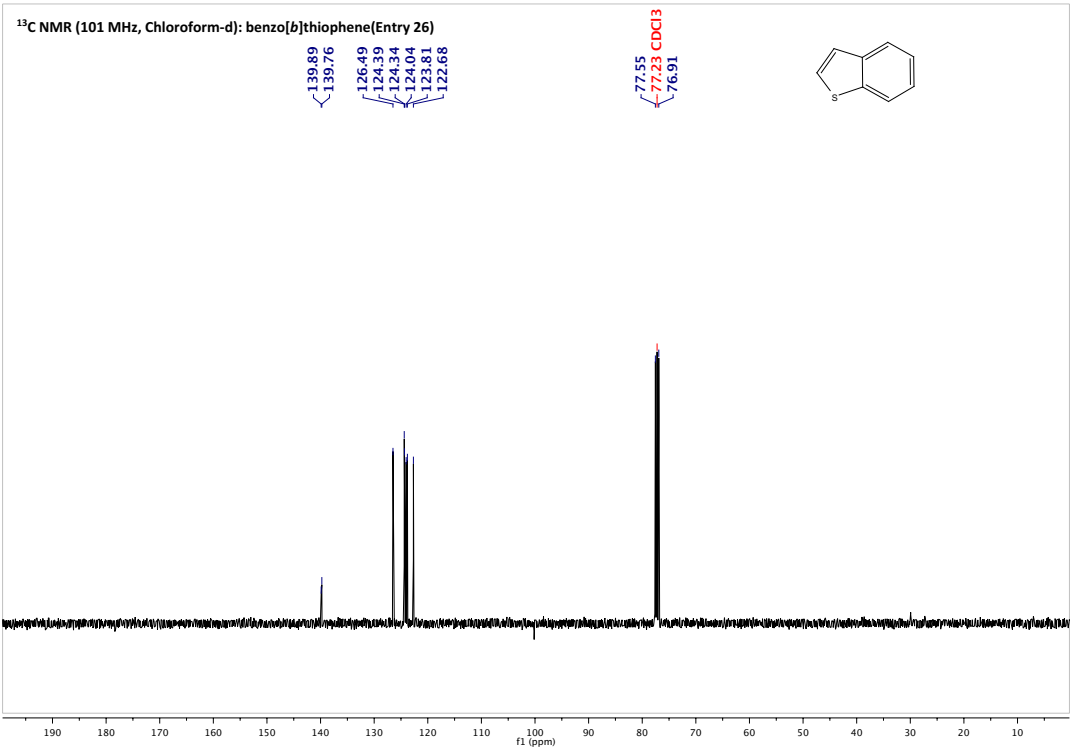
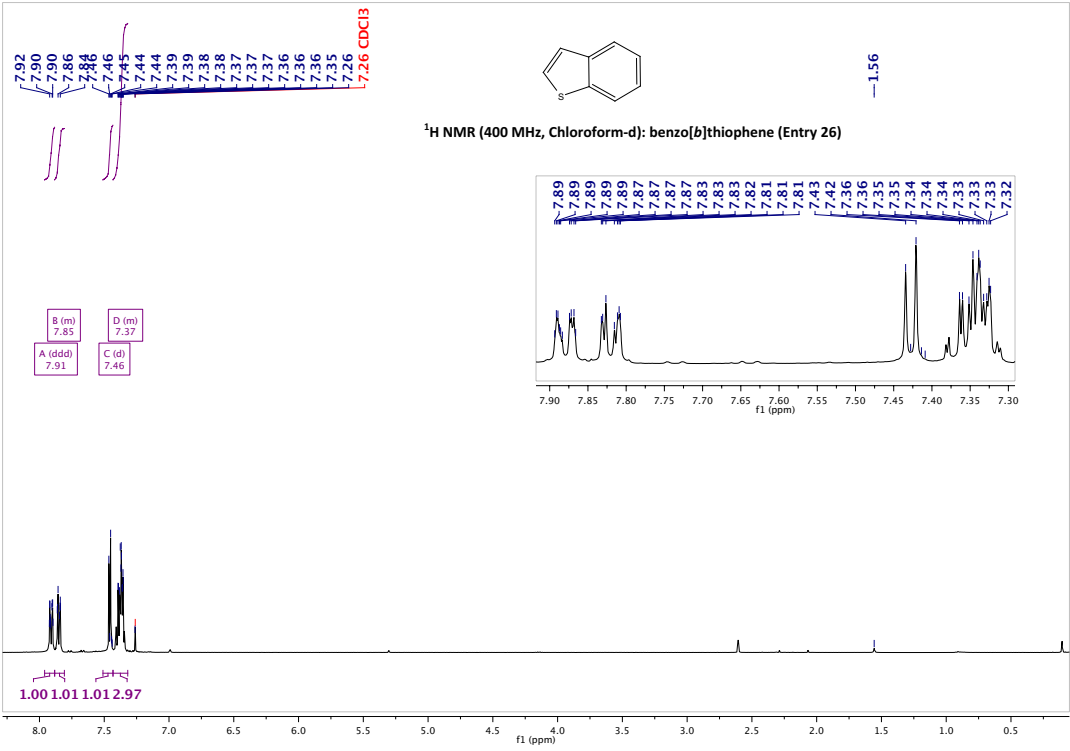


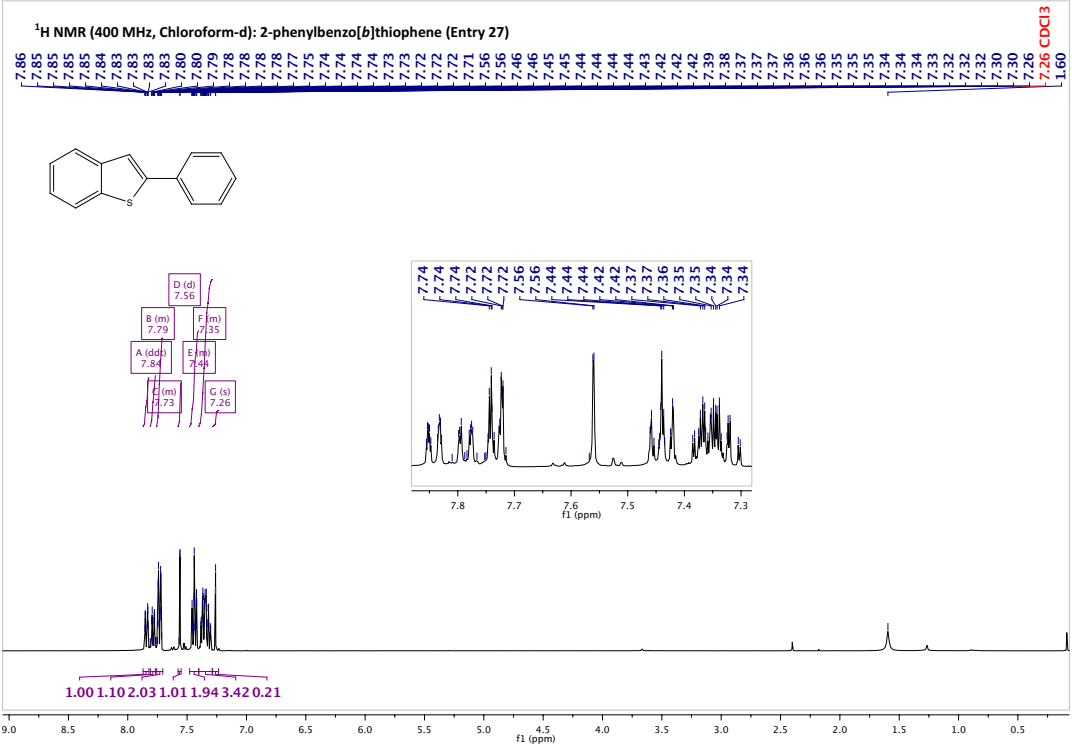
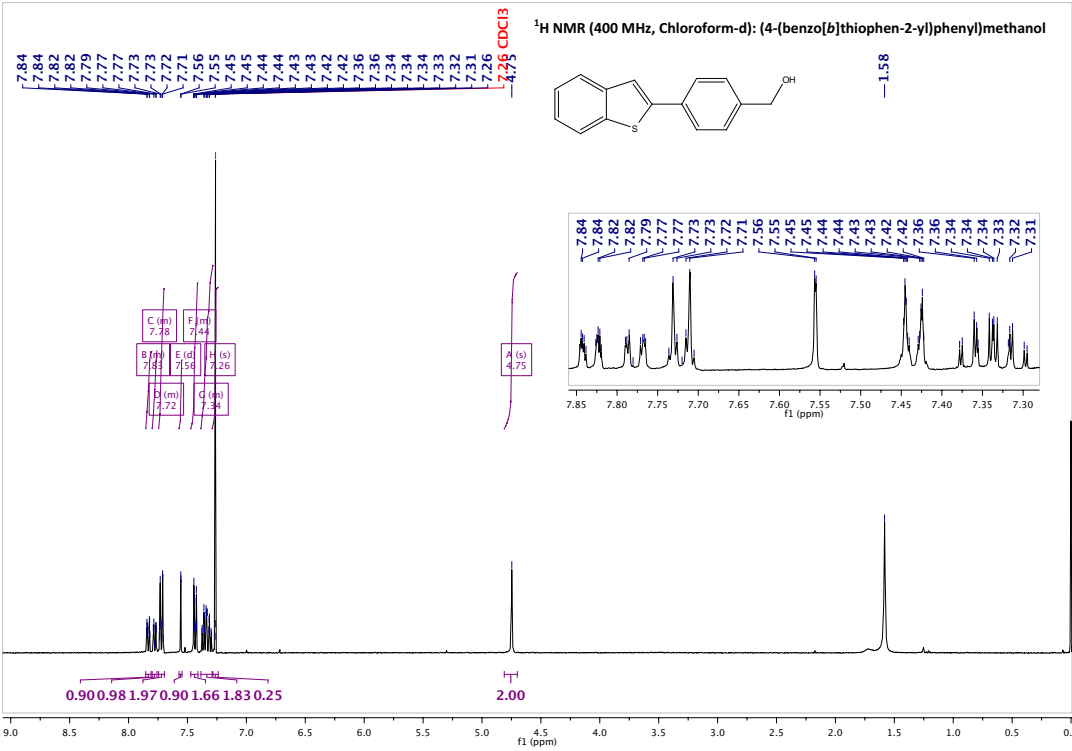


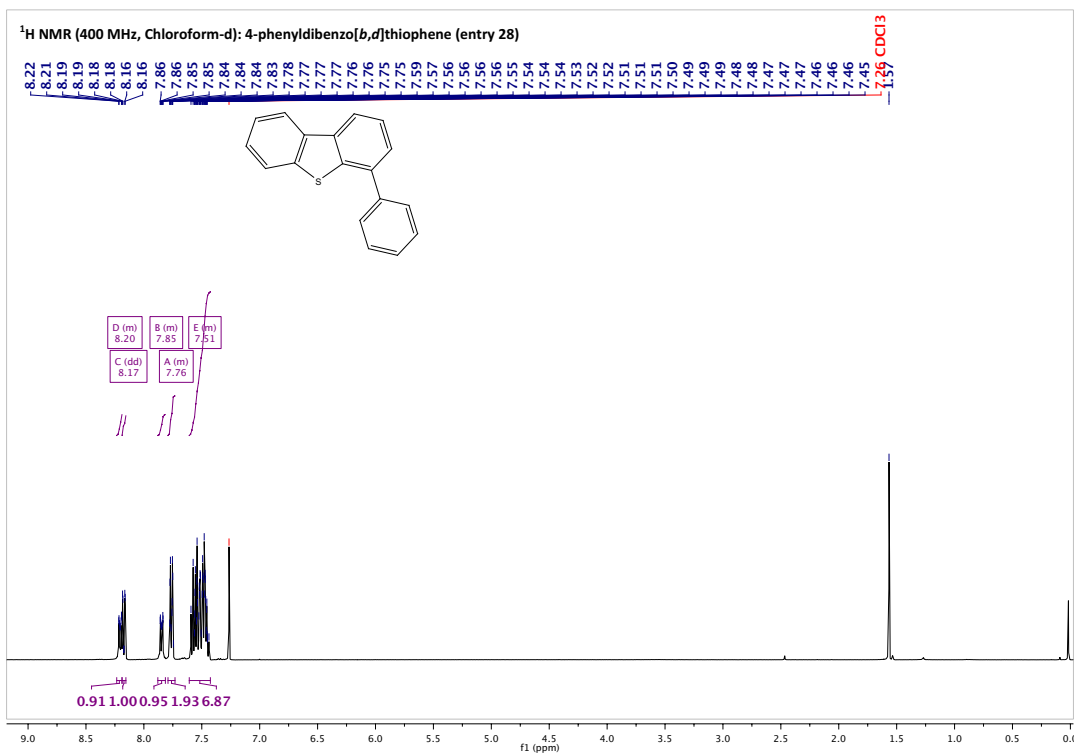
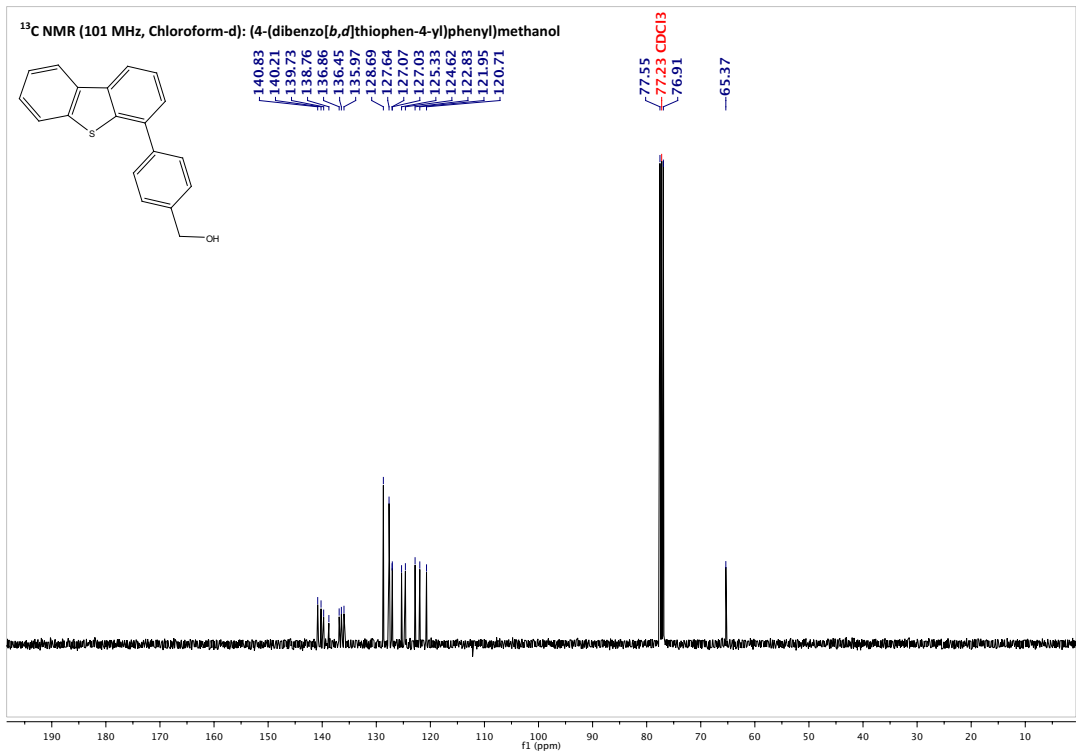


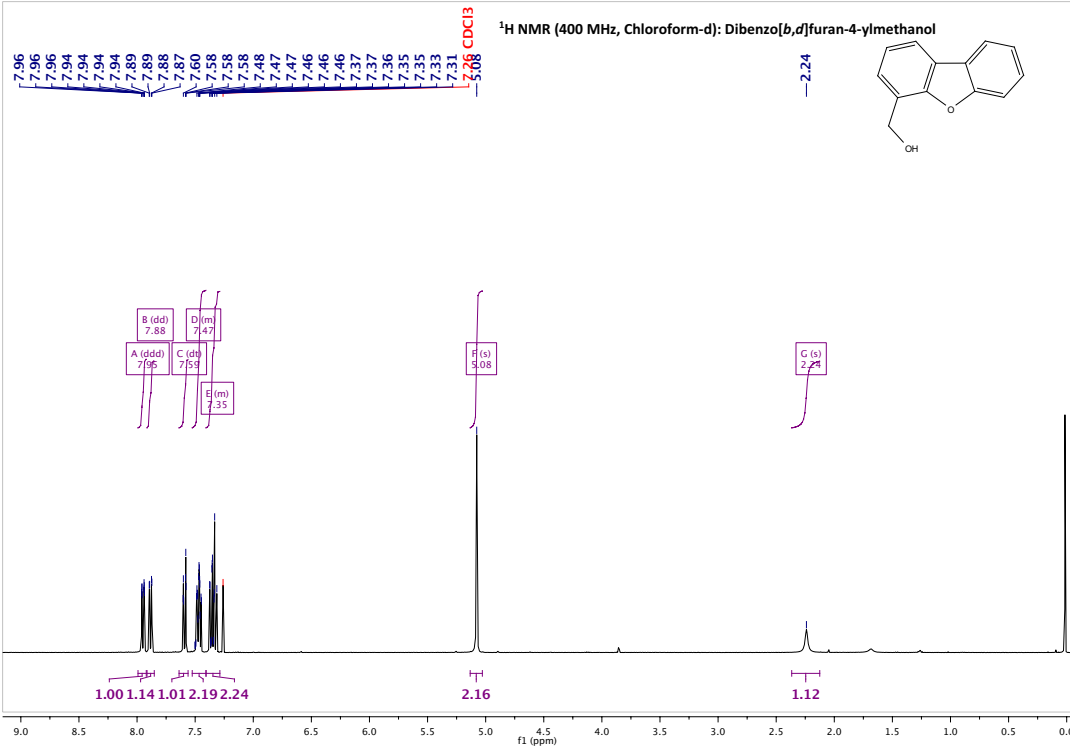
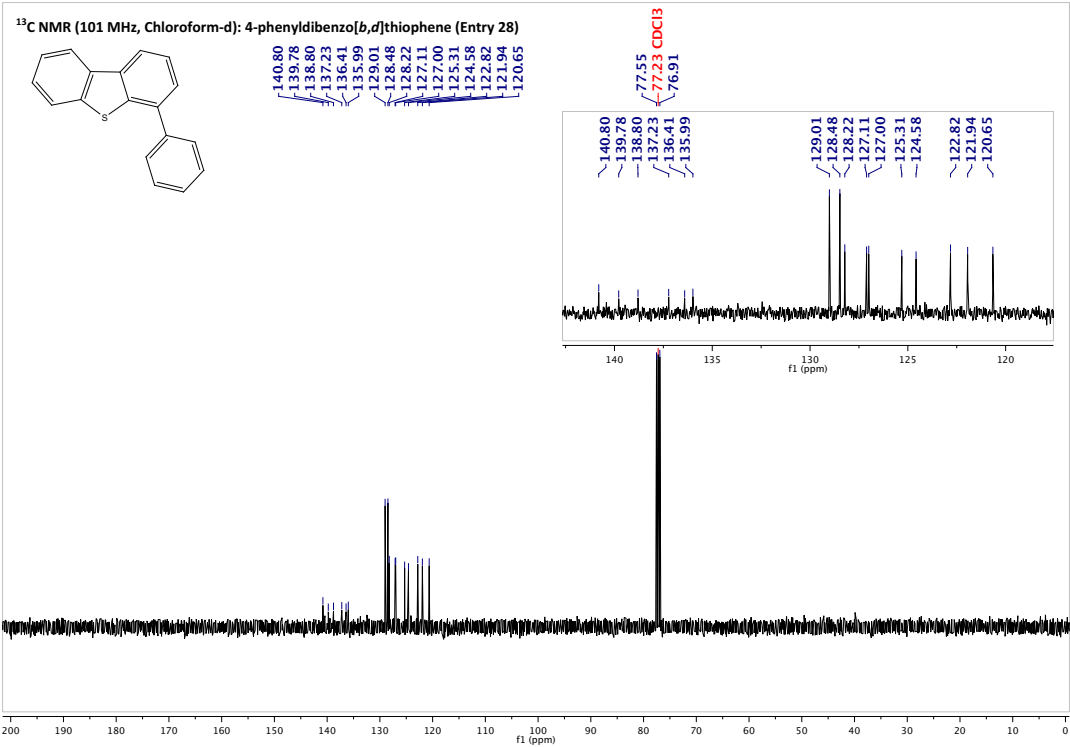


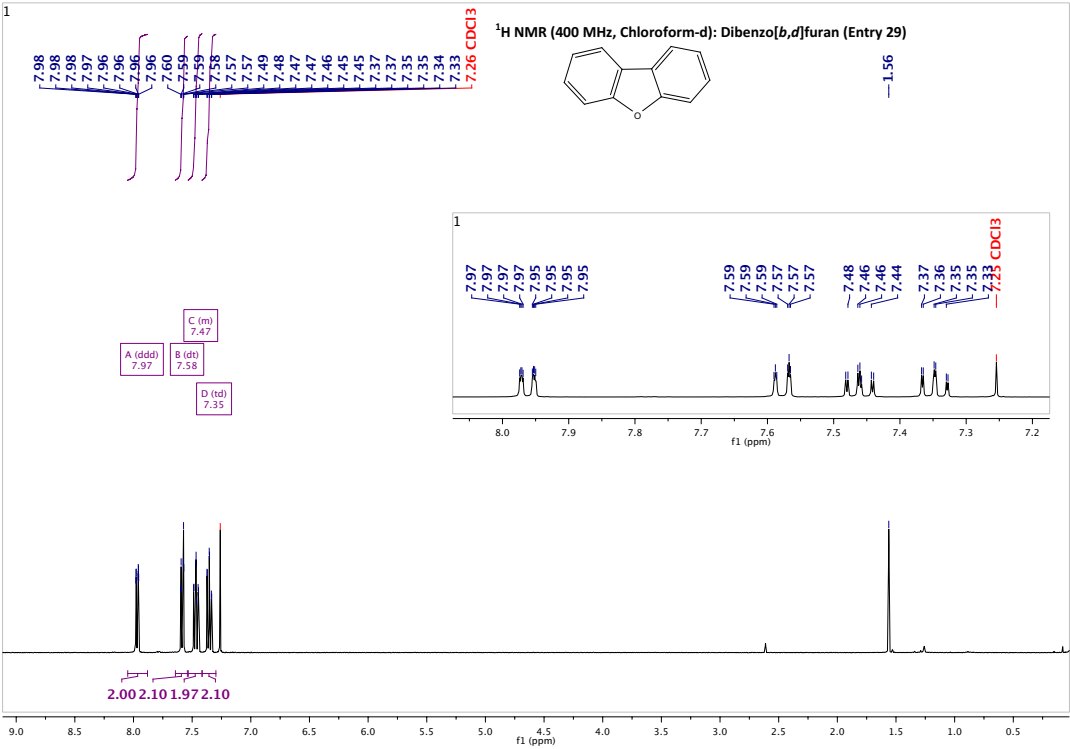
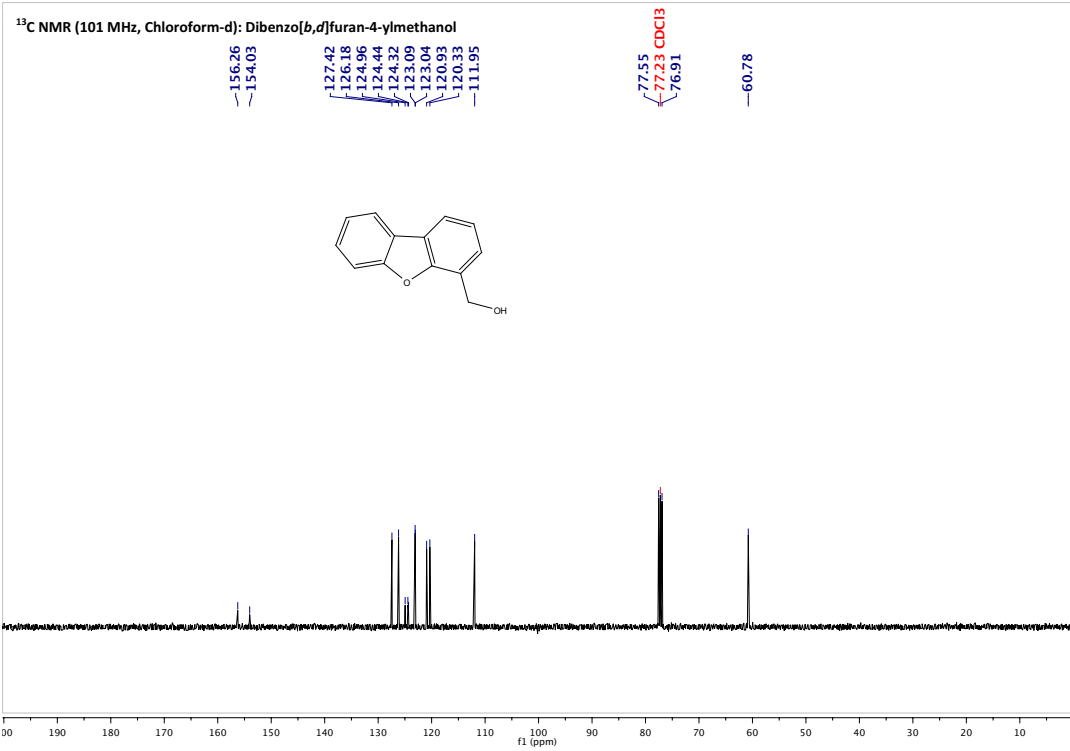


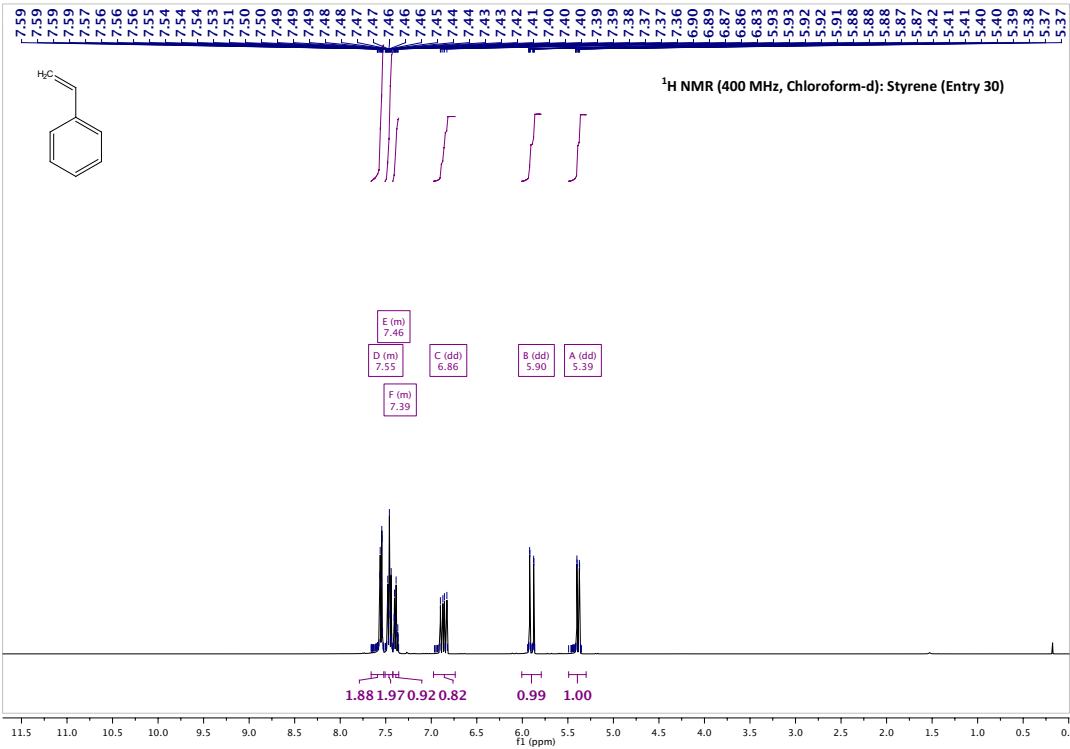
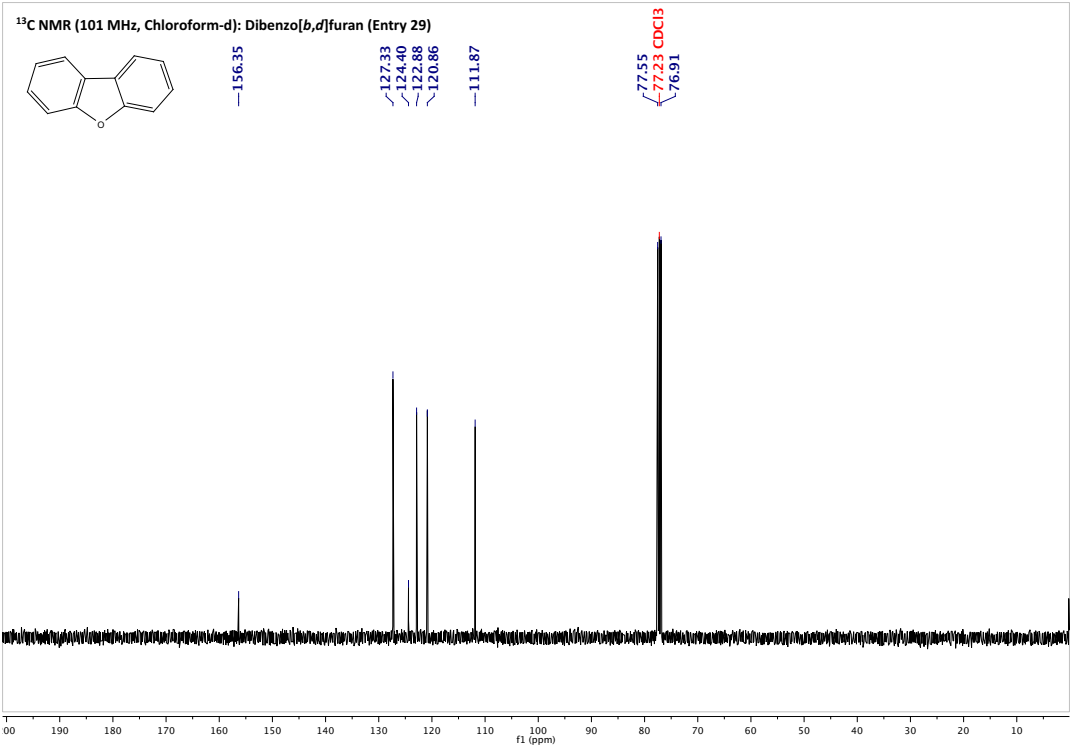


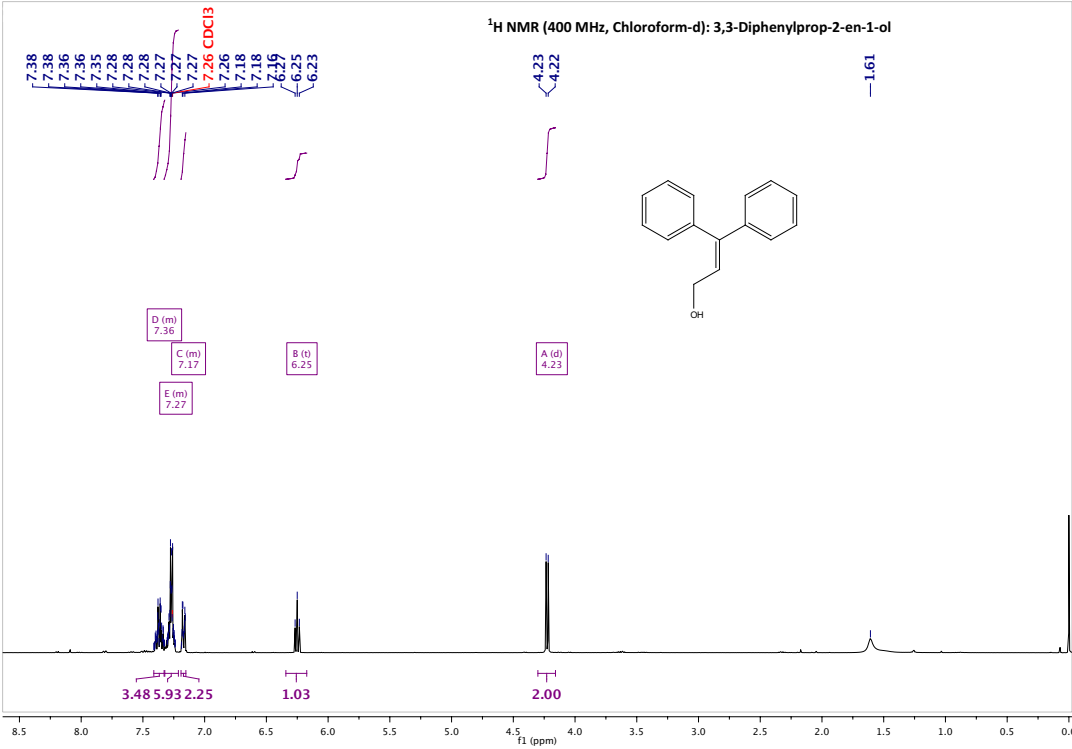
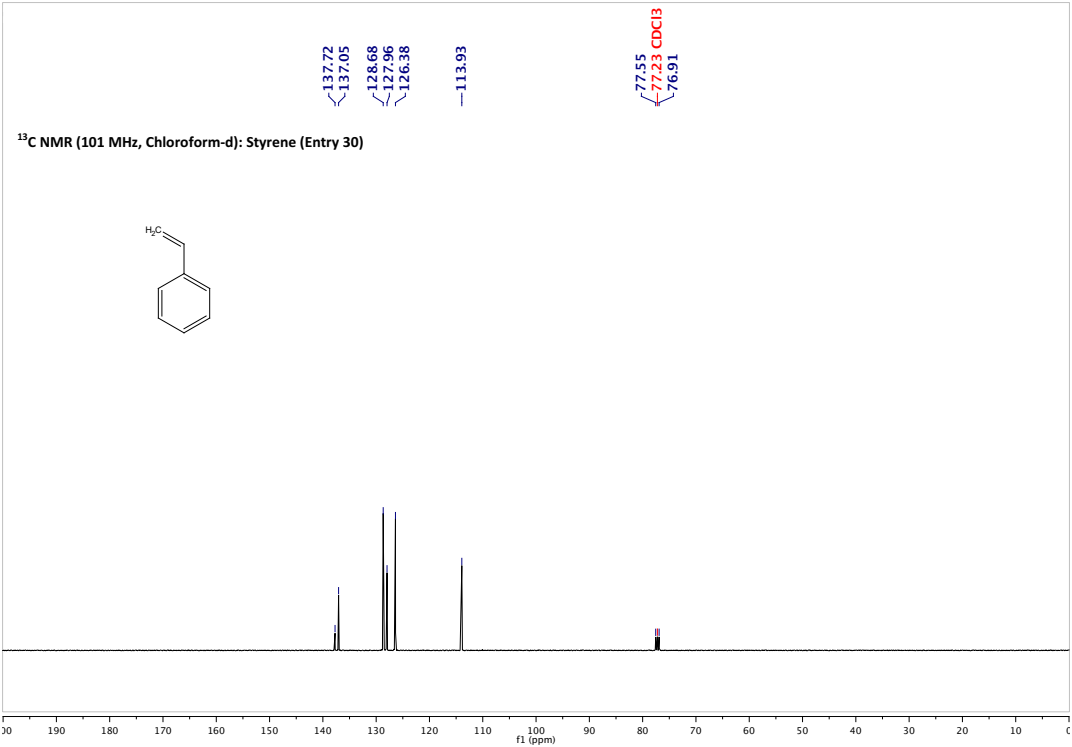


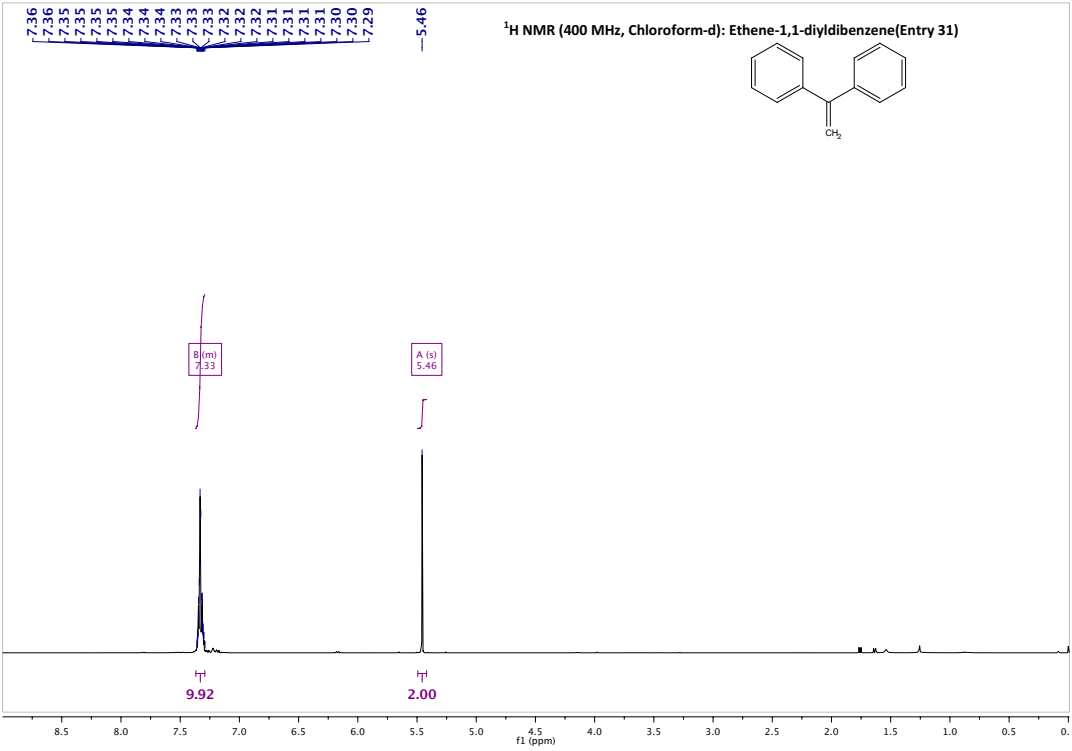
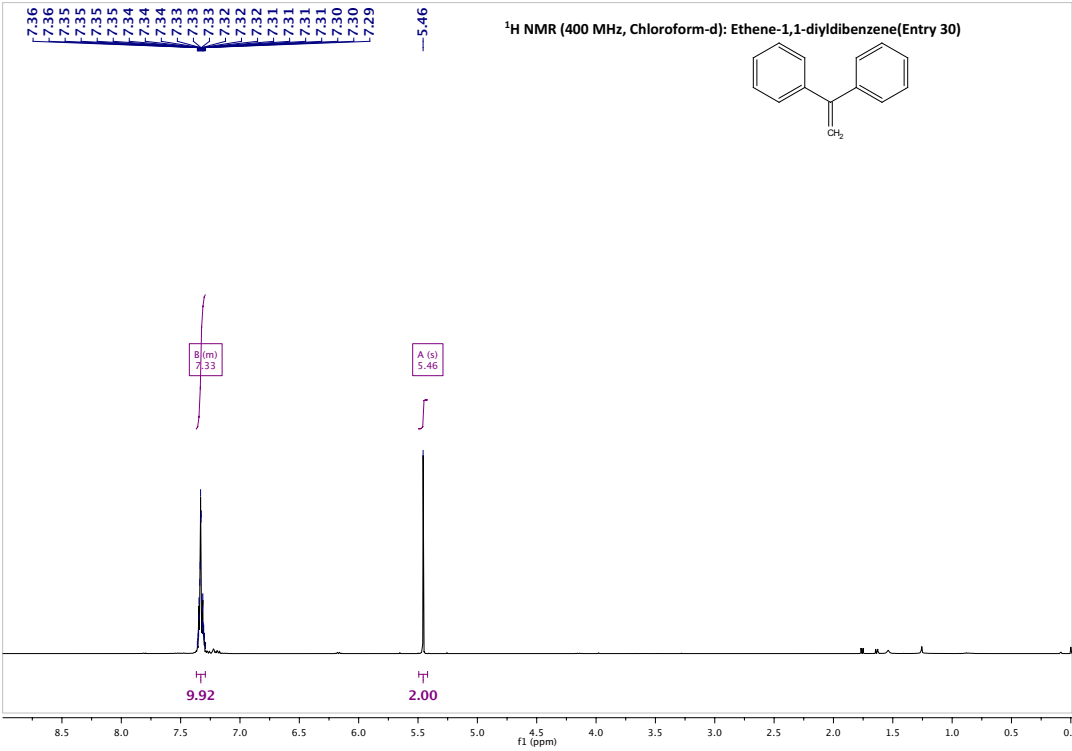


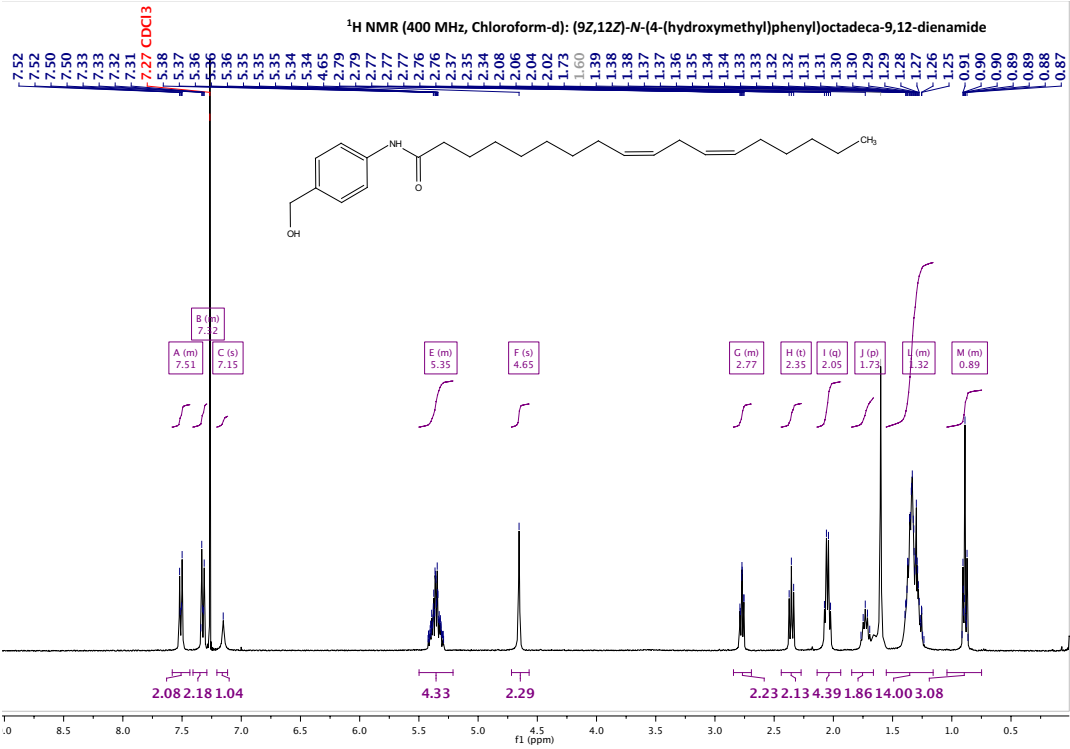
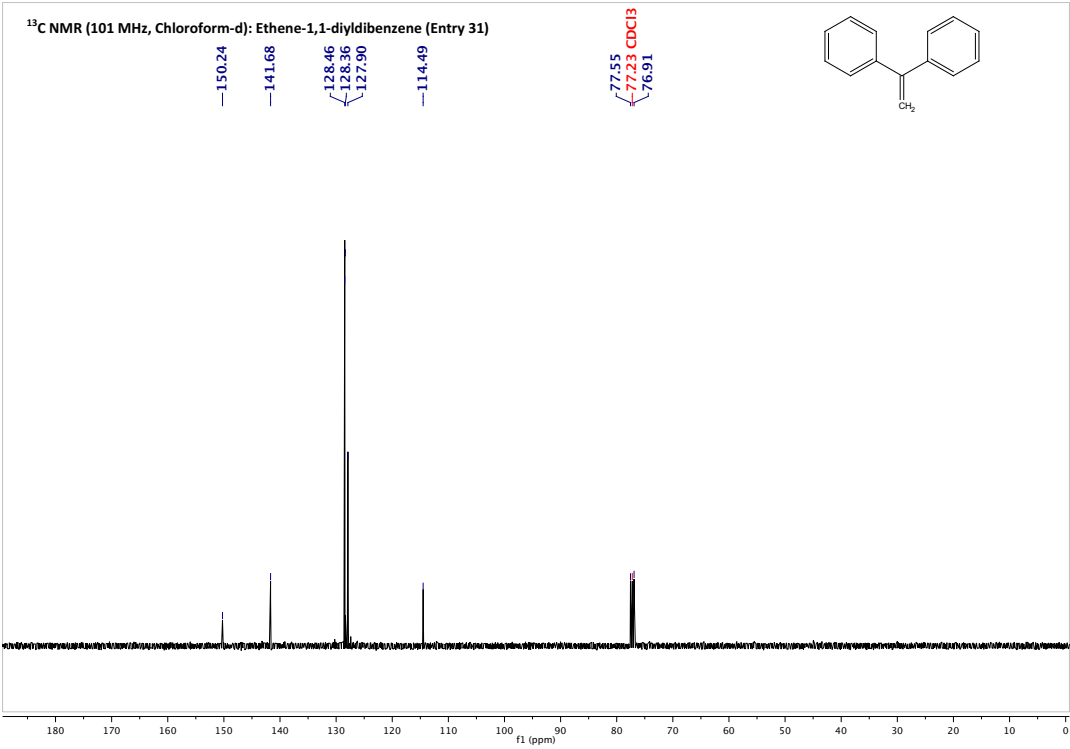


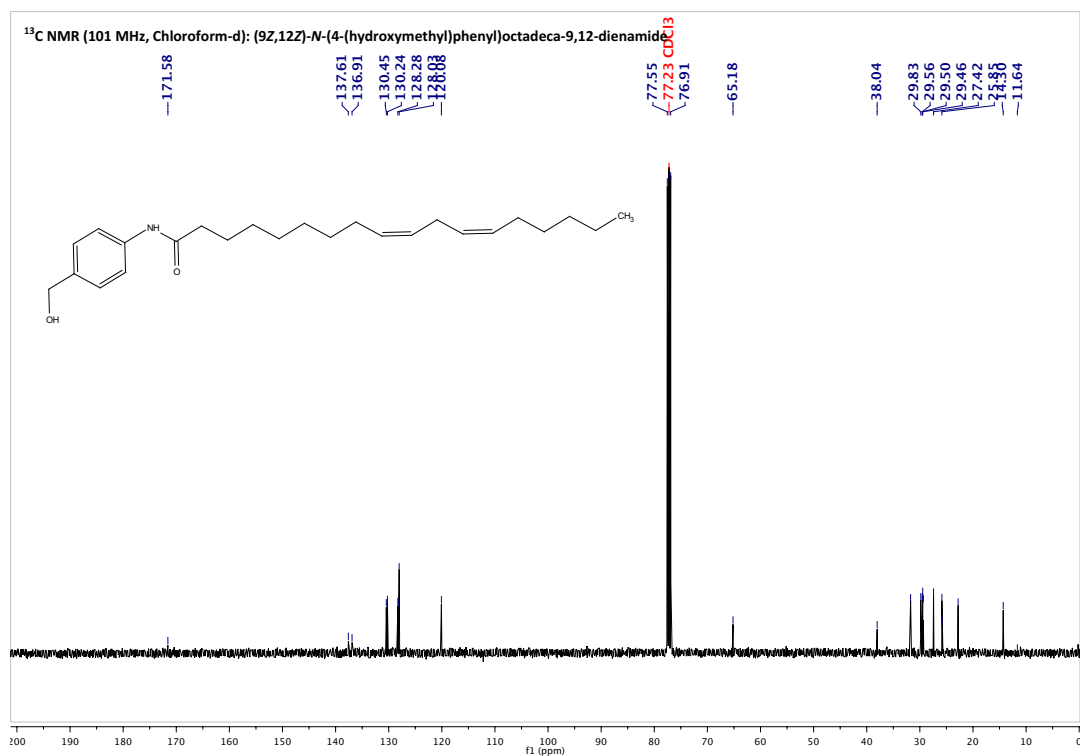




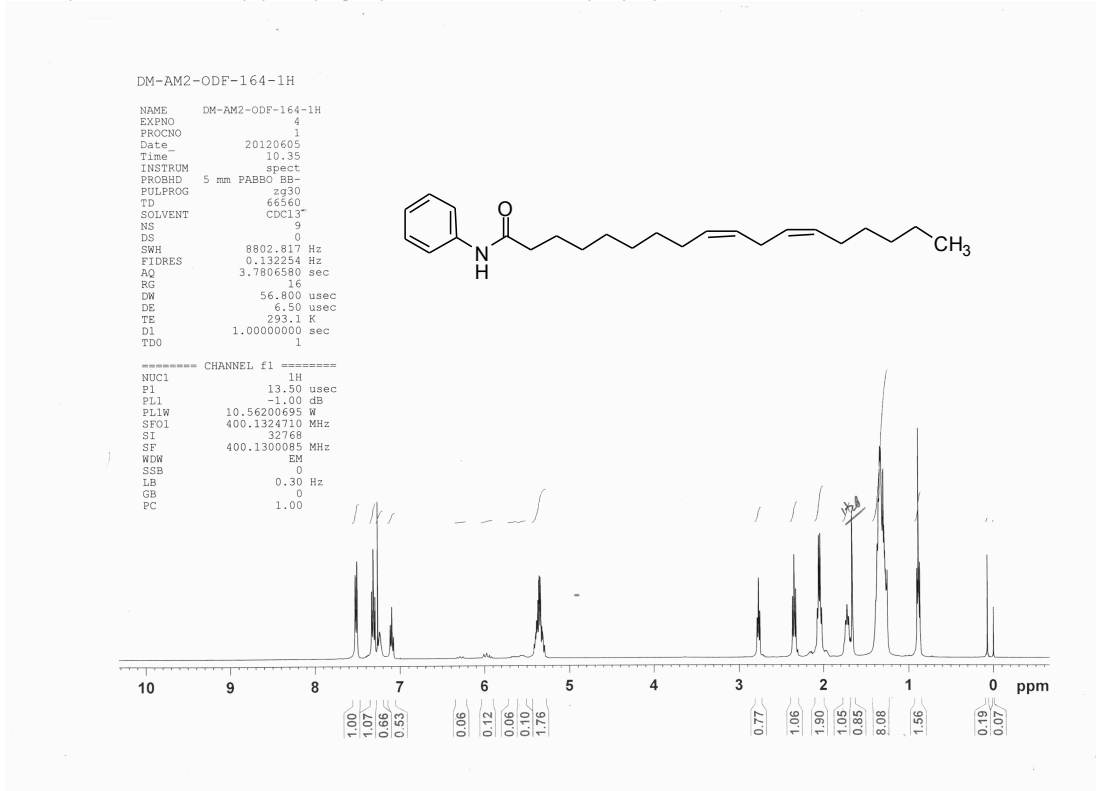




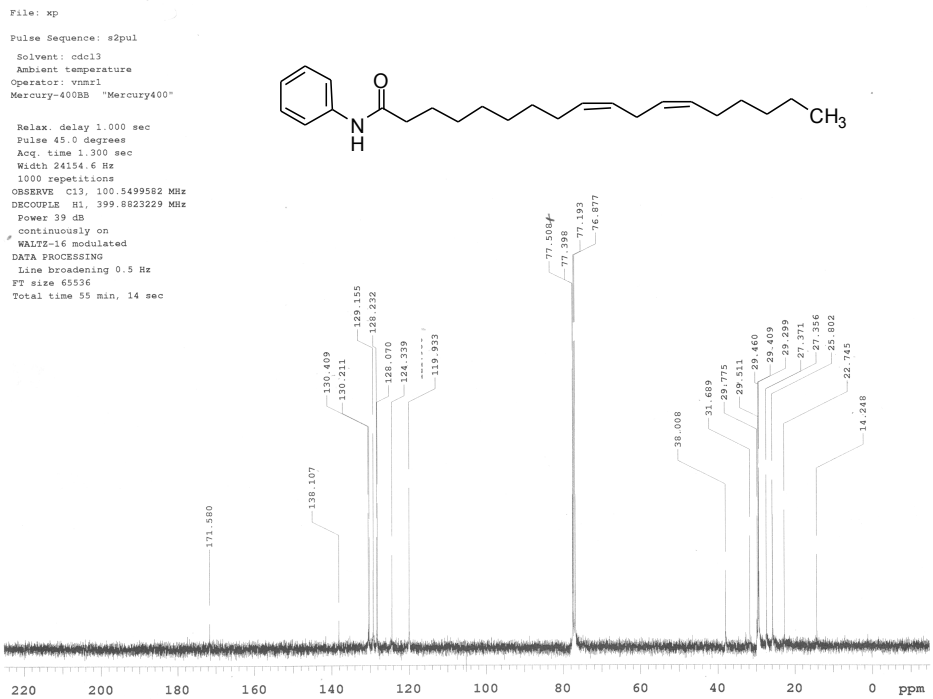




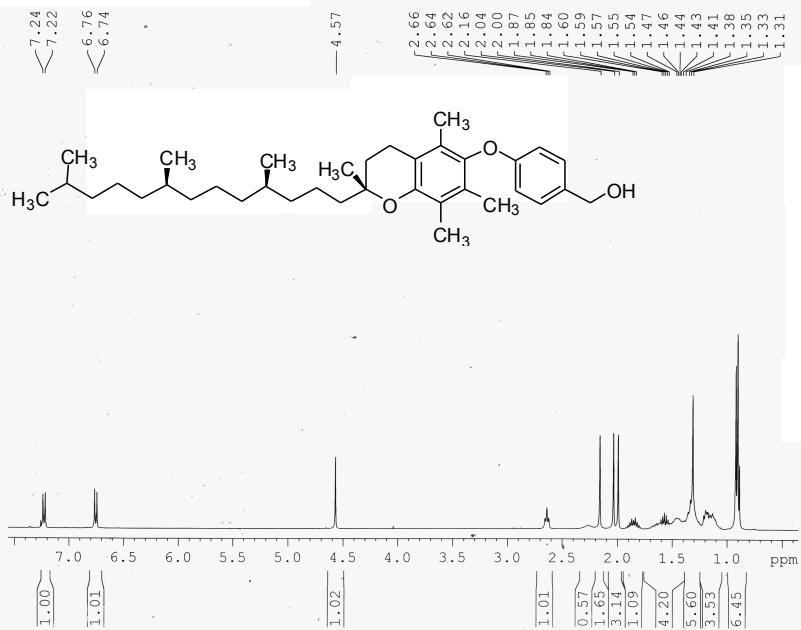
¹H NMR (400 MHz, Chloroform-d): (9Z,12Z)-N-phenyloctadeca-9,12-dienamide (Entry 34)

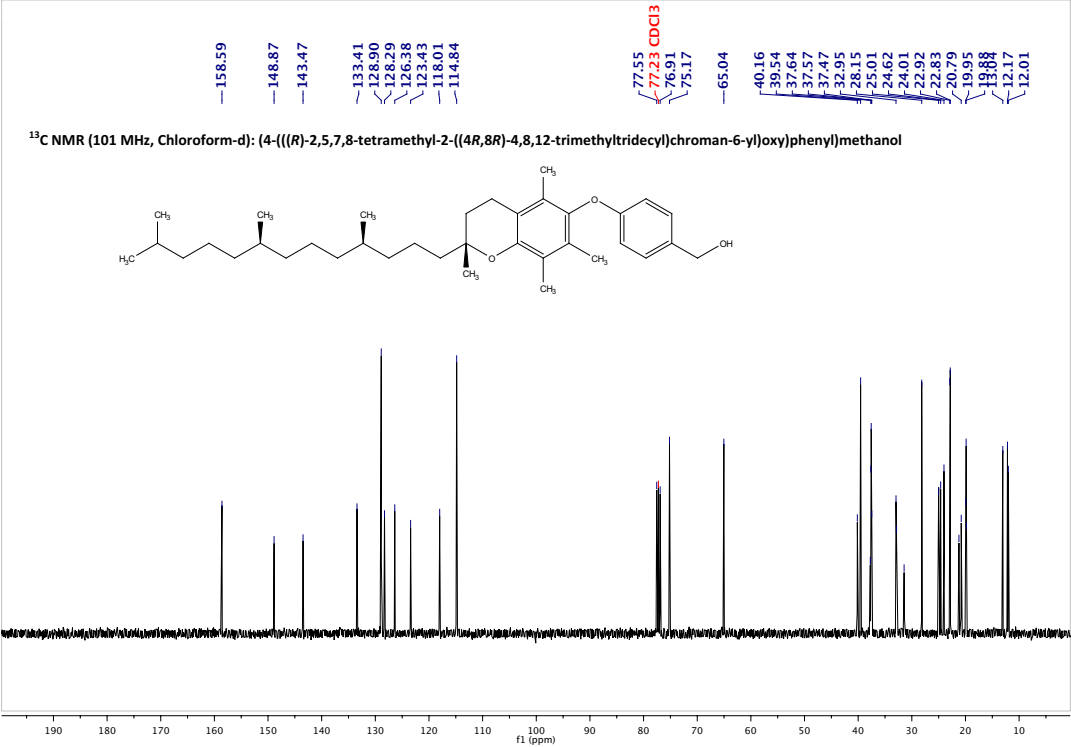


¹³C NMR (101 MHz, Chloroform-d): (9Z,12Z)-N-phenyloctadeca-9,12-dienamide (Entry 33)

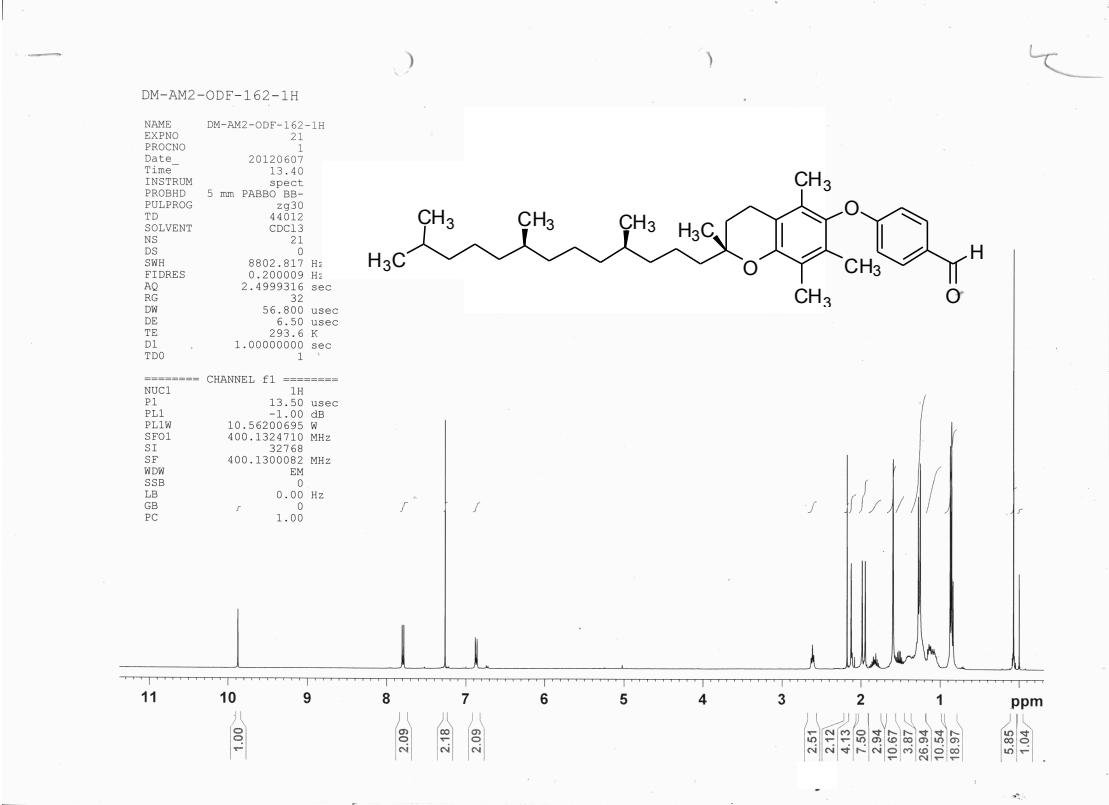


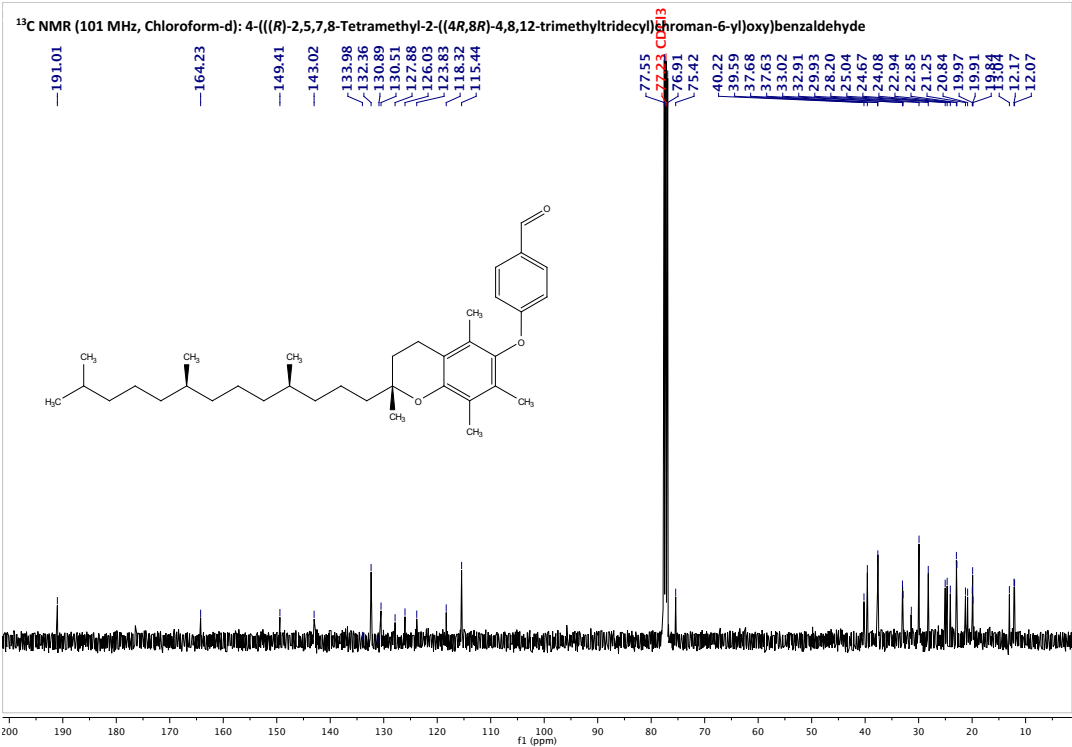
¹H NMR (400 MHz, Chloroform-d): (4-((R)-2,5,7,8-tetramethyl-2-((4R,8R)-4,8,12-trimethyltridecyl)chroman-6-yloxy)phenyl)methanol



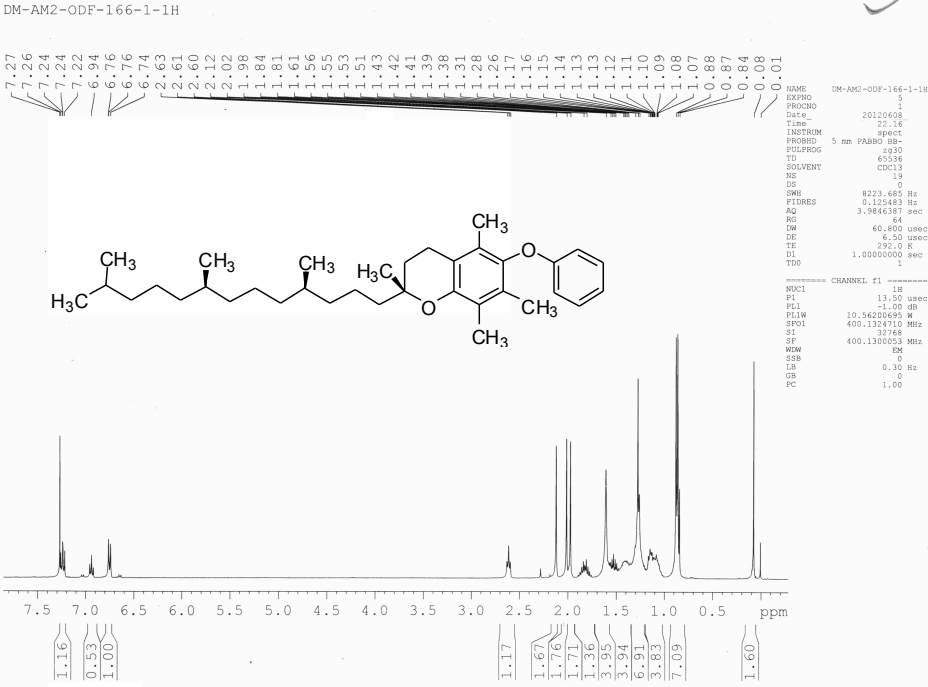


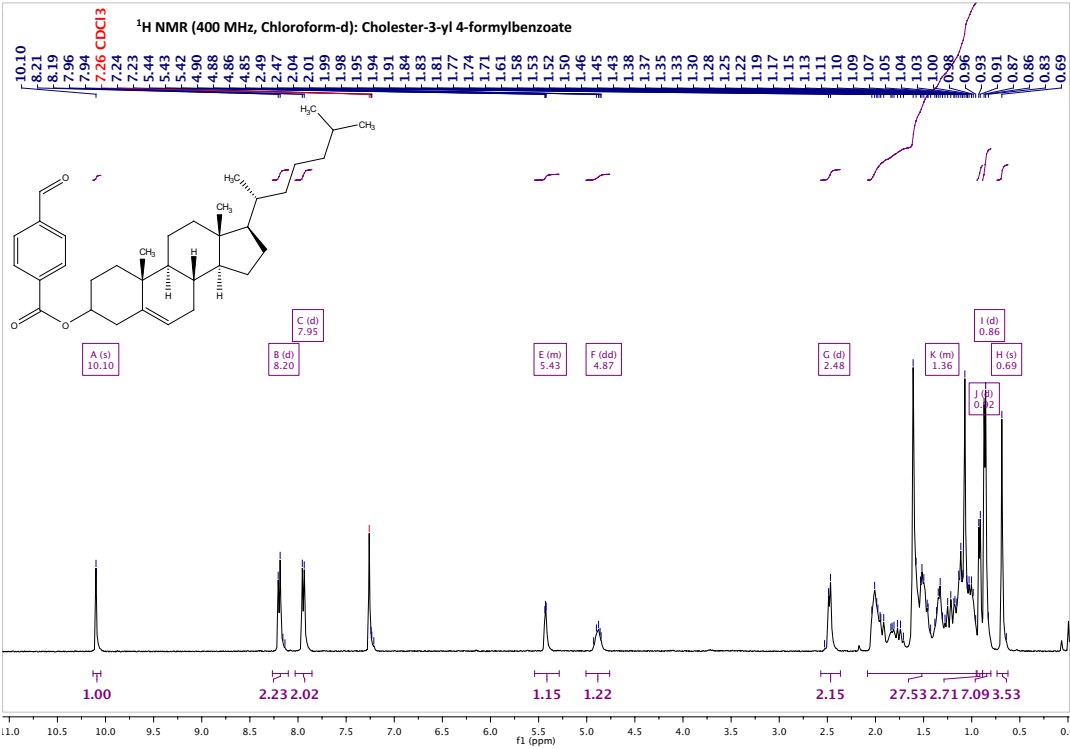
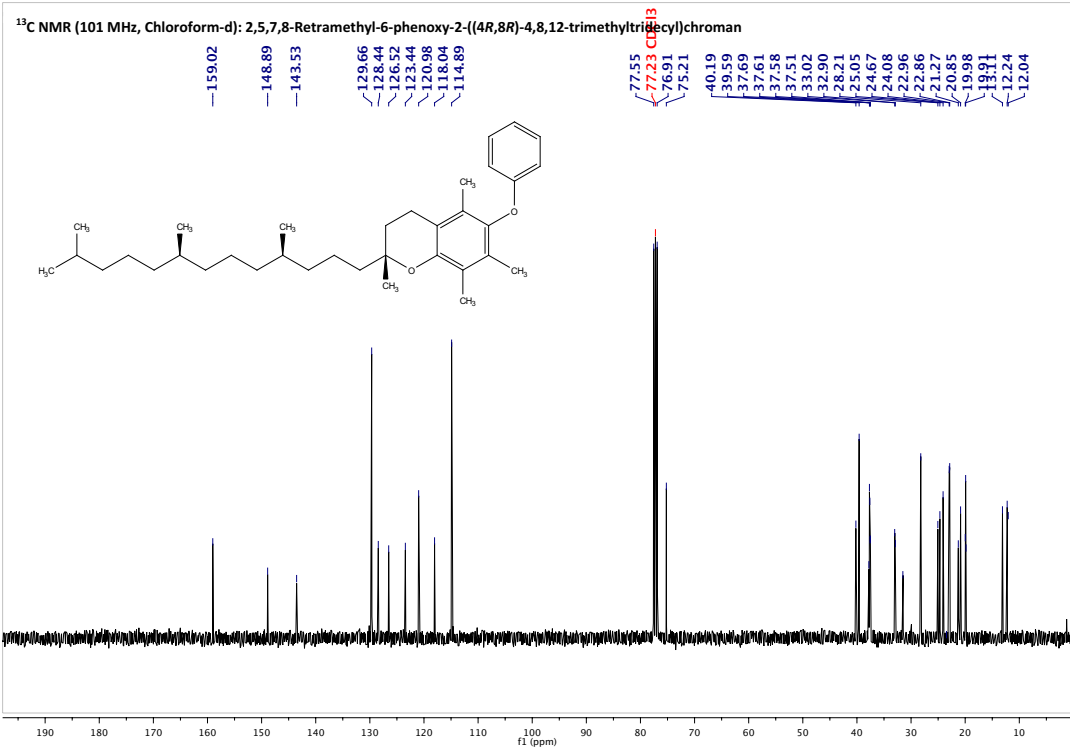
¹H NMR (400 MHz, Chloroform-d): 4-(((R)-2,5,7,8-Tetramethyl-2-(((4R,8R)-4,8,12-trimethyltridecyl)chroman-6-yl)oxy)benzaldehyde

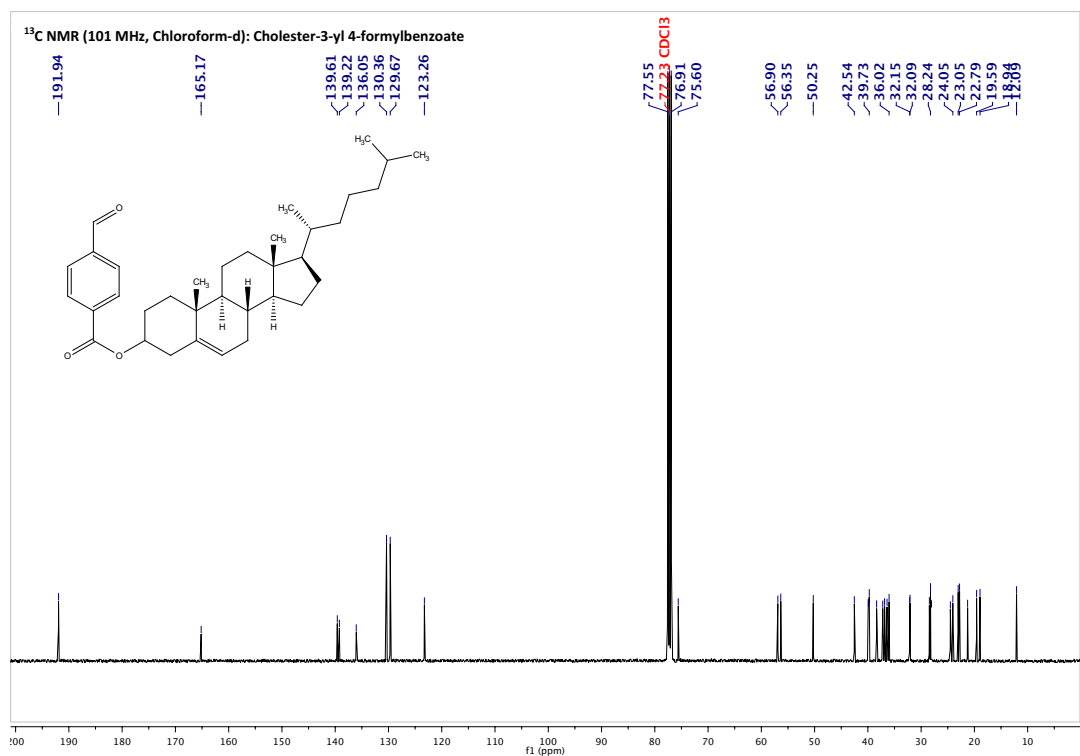




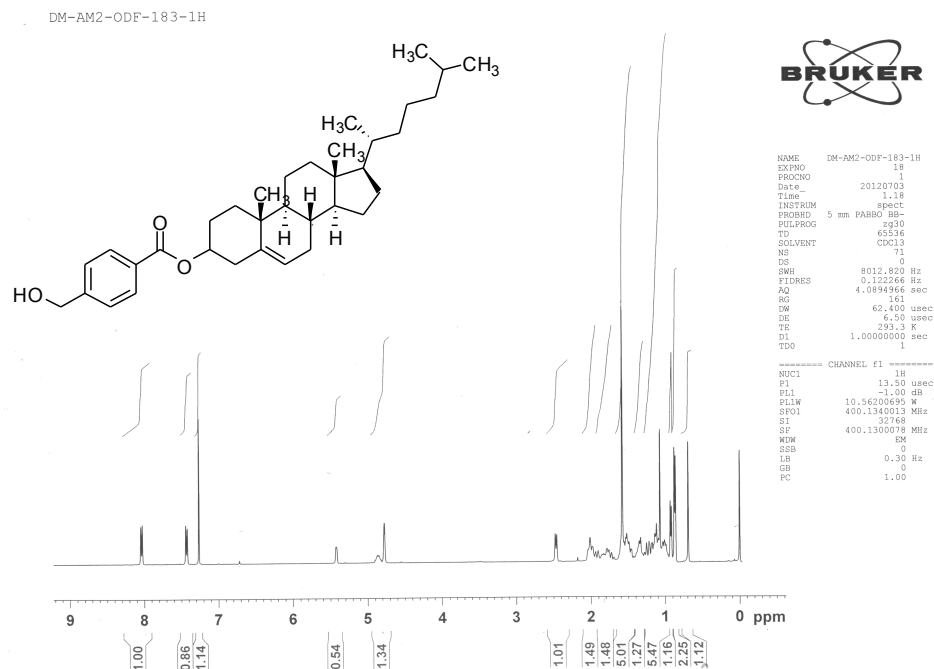
¹H NMR (400 MHz, Chloroform-d): (R)-2,5,7,8-tetramethyl-6-phenoxy-2-(((4R,8R)-4,8,12-trimethyltridecyl)chroman (Entry 37)

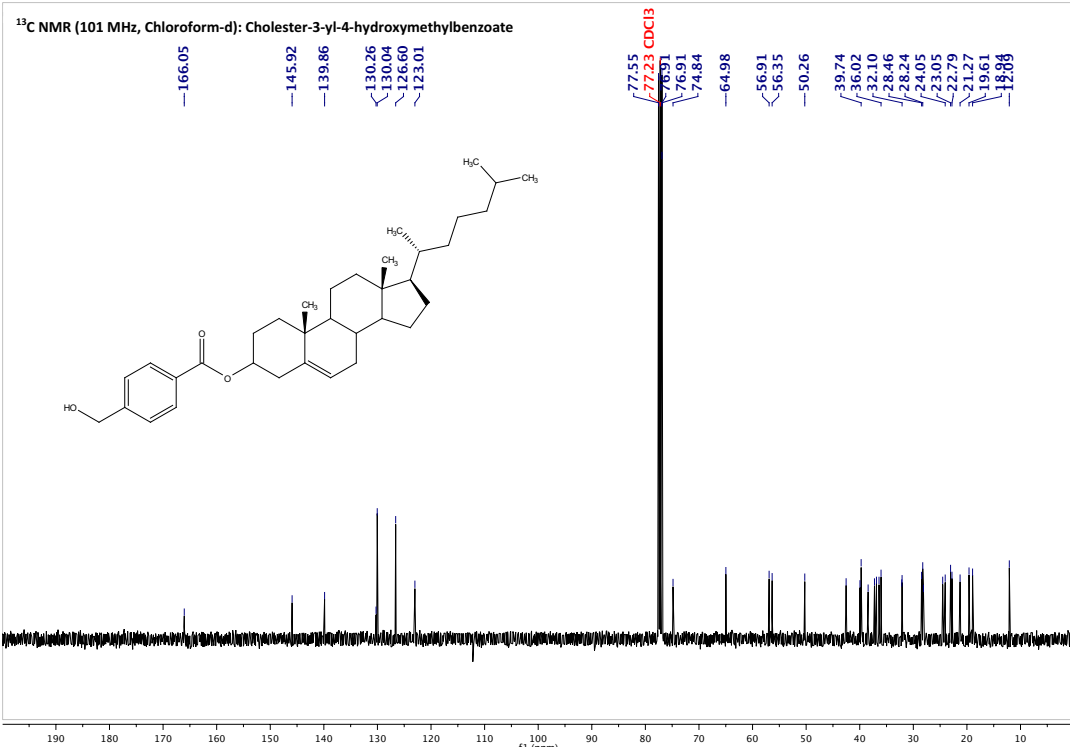




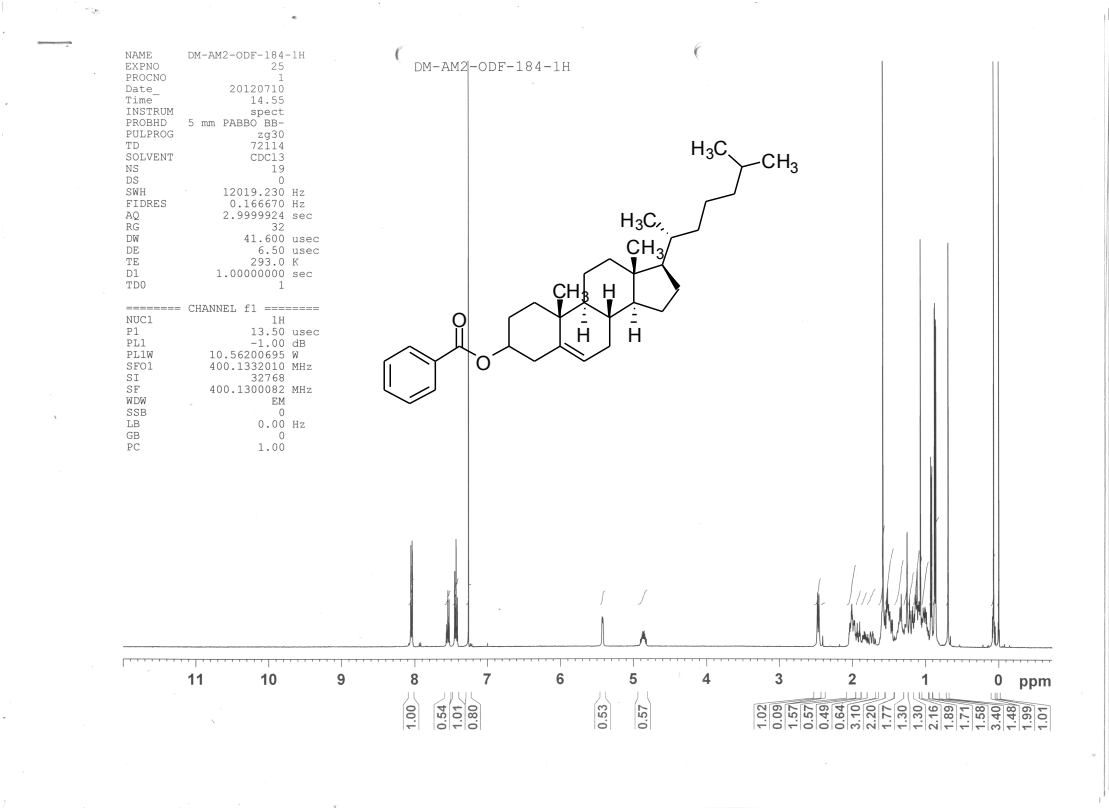


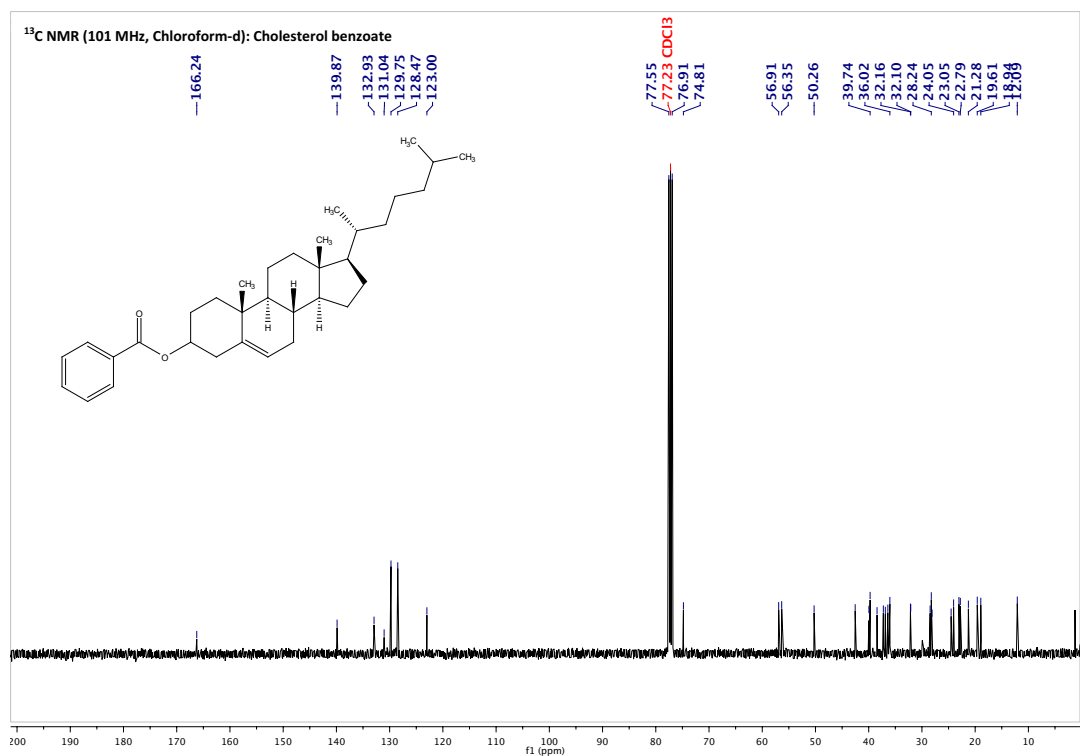
¹H NMR (400 MHz, Chloroform-d): Cholester-3-yl-4 hydroxymethyl benzoate



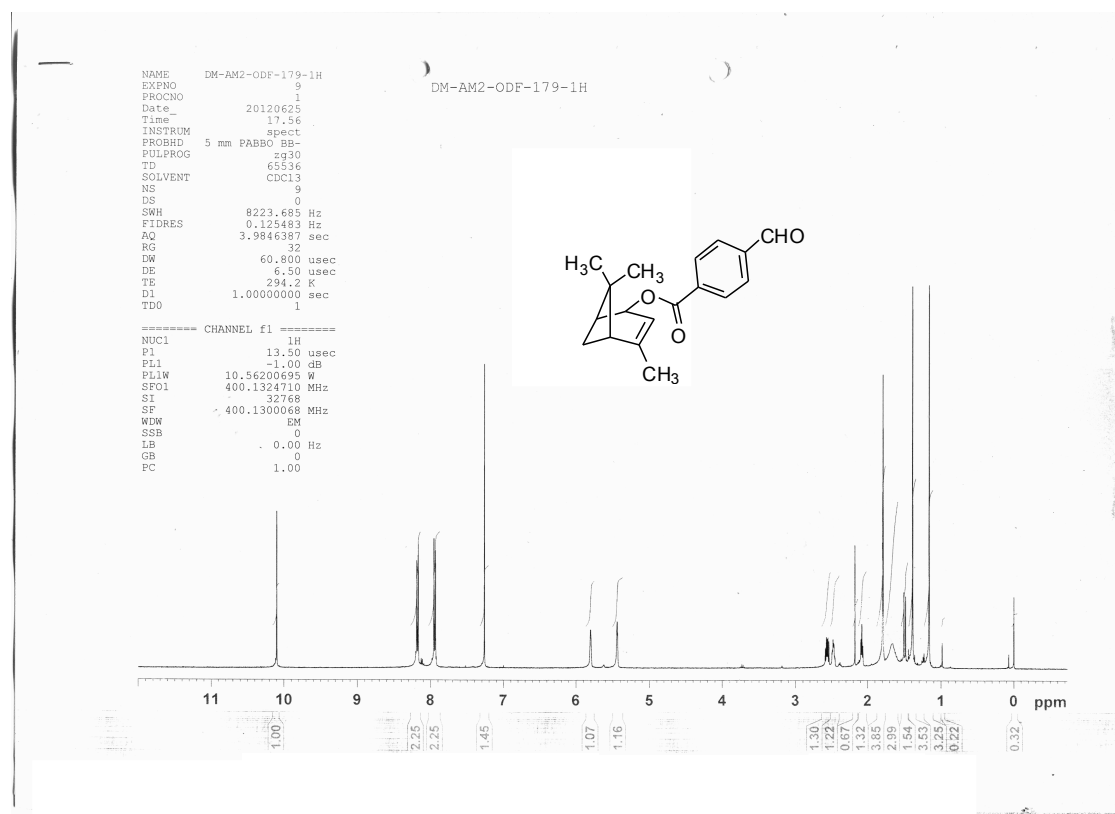


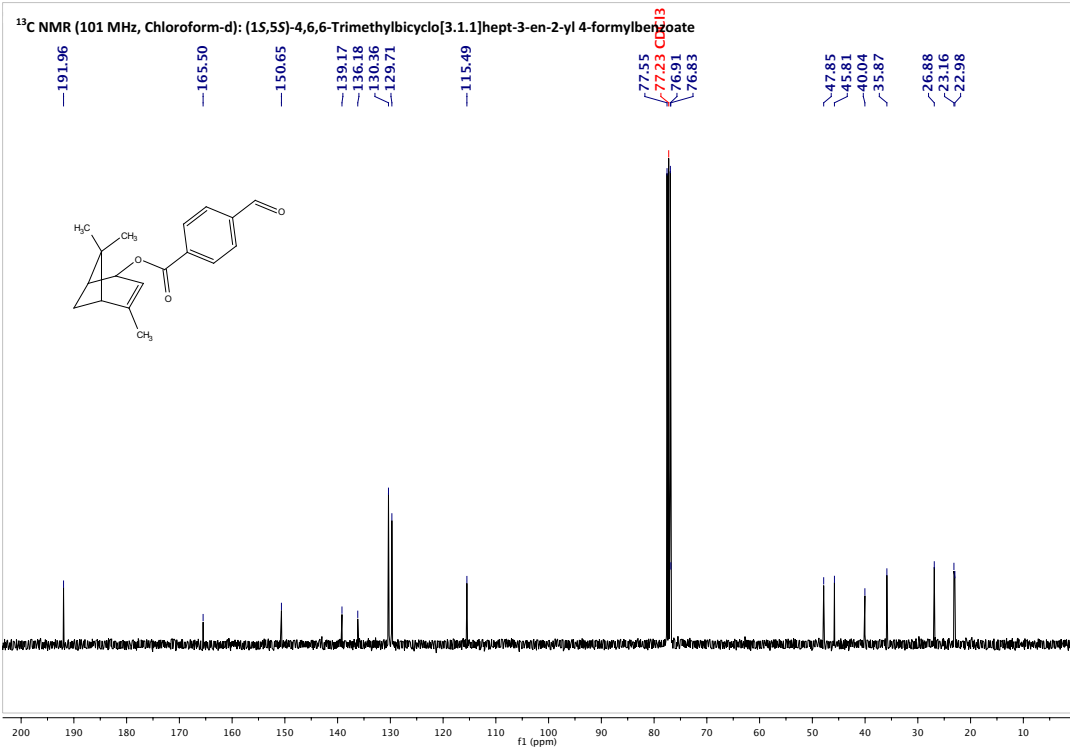
¹H NMR (400 MHz, Chloroform-d): Cholester-3-yl-benzoate (Entry 36)



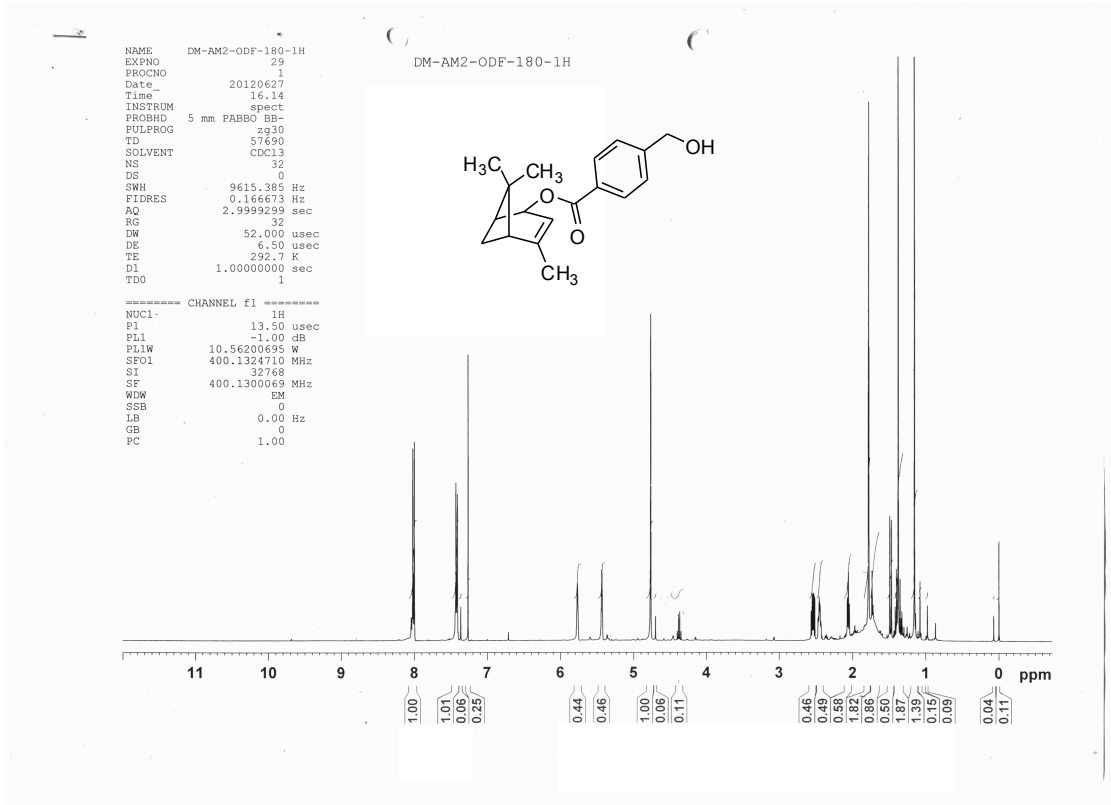


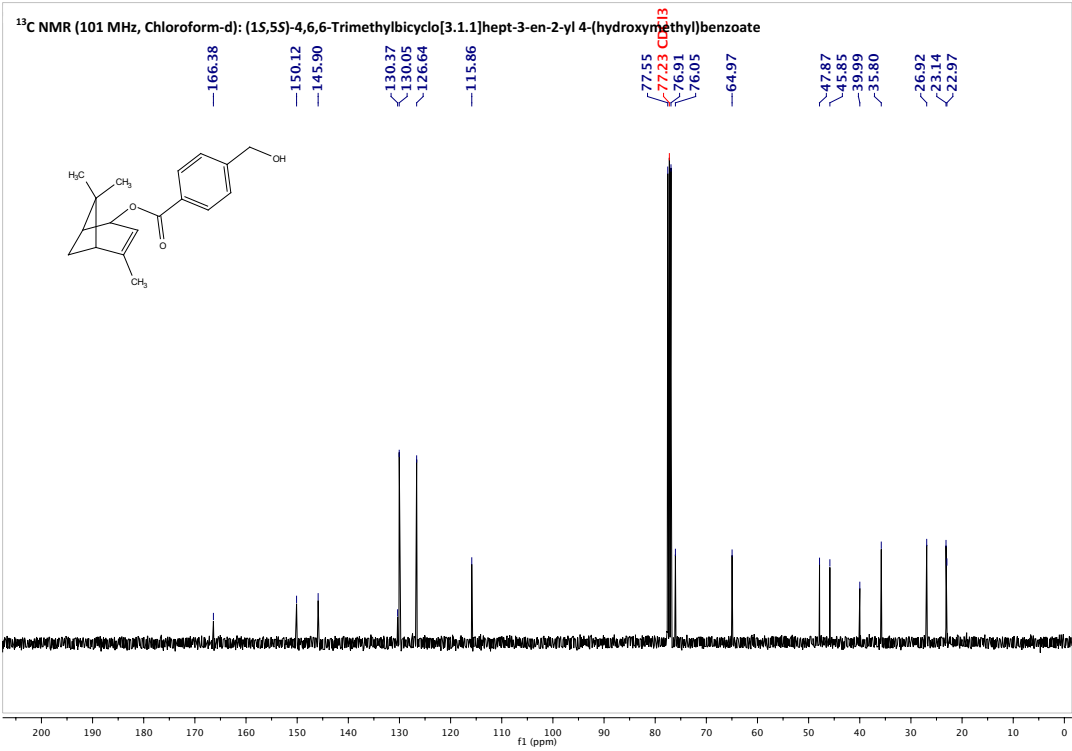
¹H NMR (400 MHz, Chloroform-d): 4,6,6-trimethylbicyclo[3.1.1]hept-3-en-2-yl 4-formylbenzoate





¹H NMR (400 MHz, Chloroform-d): 4,6,6-Trimethylbicyclo[3.1.1]hept-3-en-2-yl 4-(hydroxymethyl)benzoate





¹H NMR (400 MHz, Chloroform-d): Verbenol benzoate (Entry 35)

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