

Electronic Supplementary Information

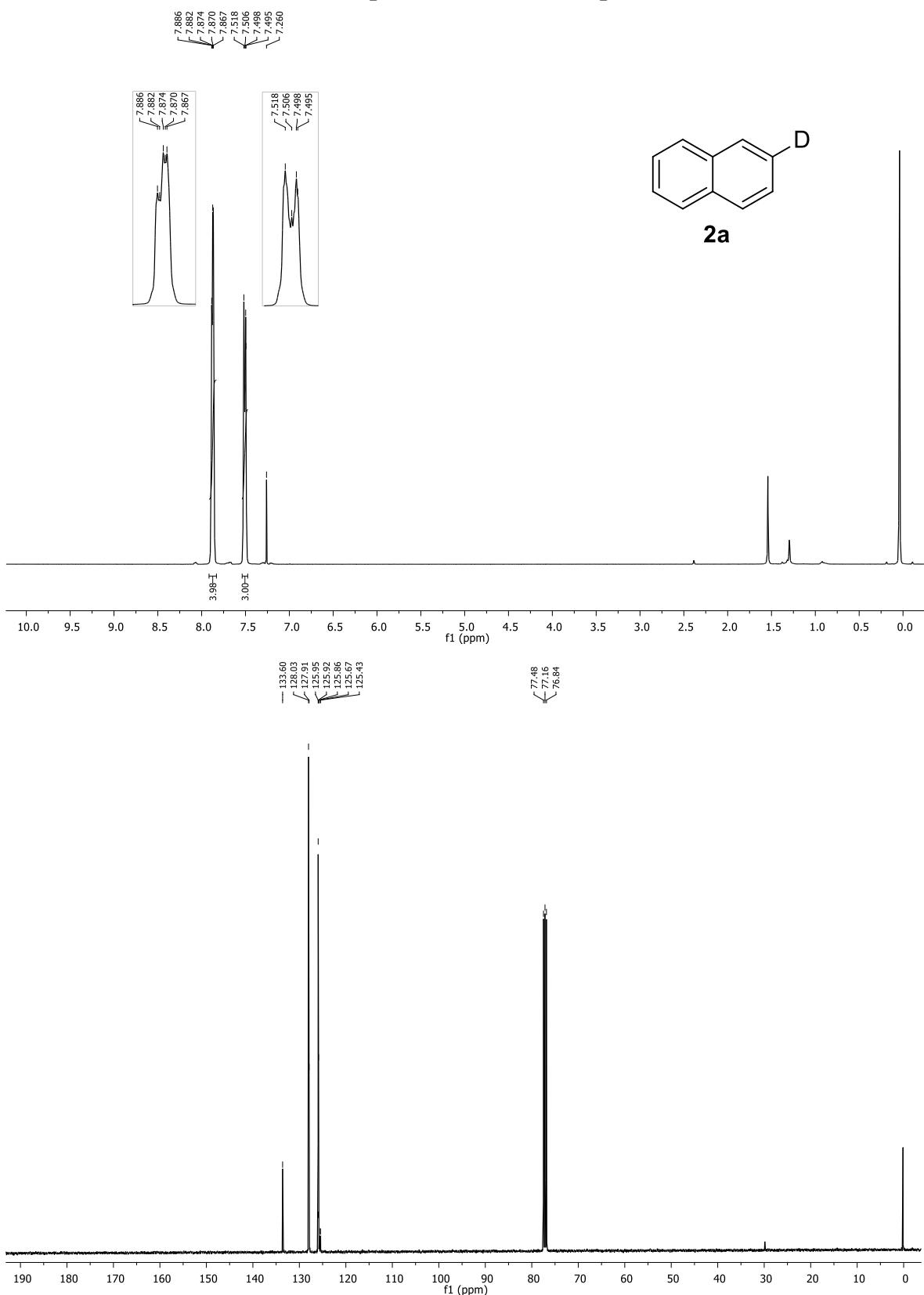
Catalytic Selective Deuteration of Halo(hetero)arenes

Manojkumar Janni^a and S. Peruncheralathan^{a*}

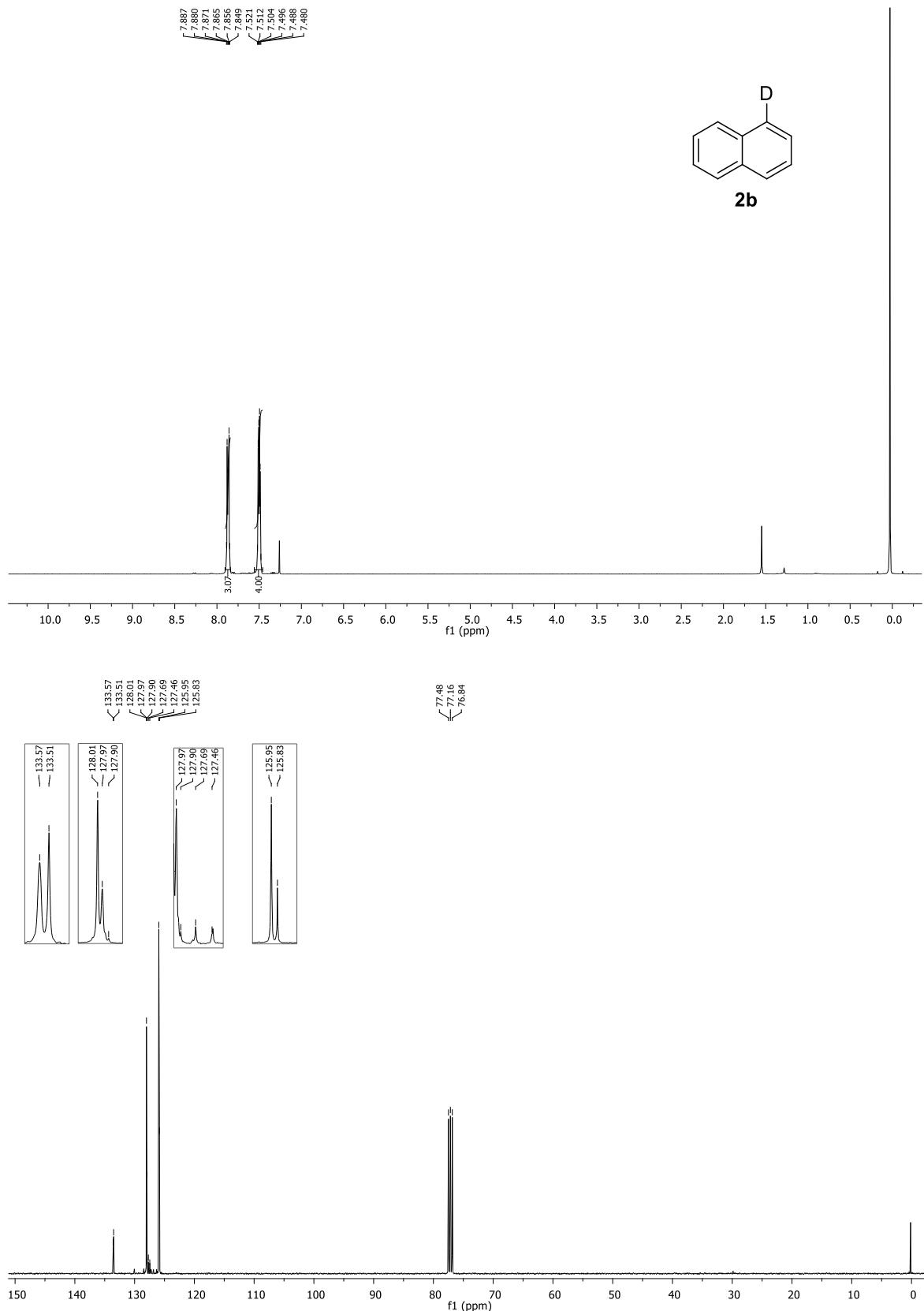
^aSchool of Chemical Sciences, National Institute of Science Education and Research
(NISER), Bhimpur-Padanpur (PO), Jatni (via), Khurda – 752050, Odisha, India

Table of Content:	Page No.
NMR Spectra of the Isolated Products	ESI-2

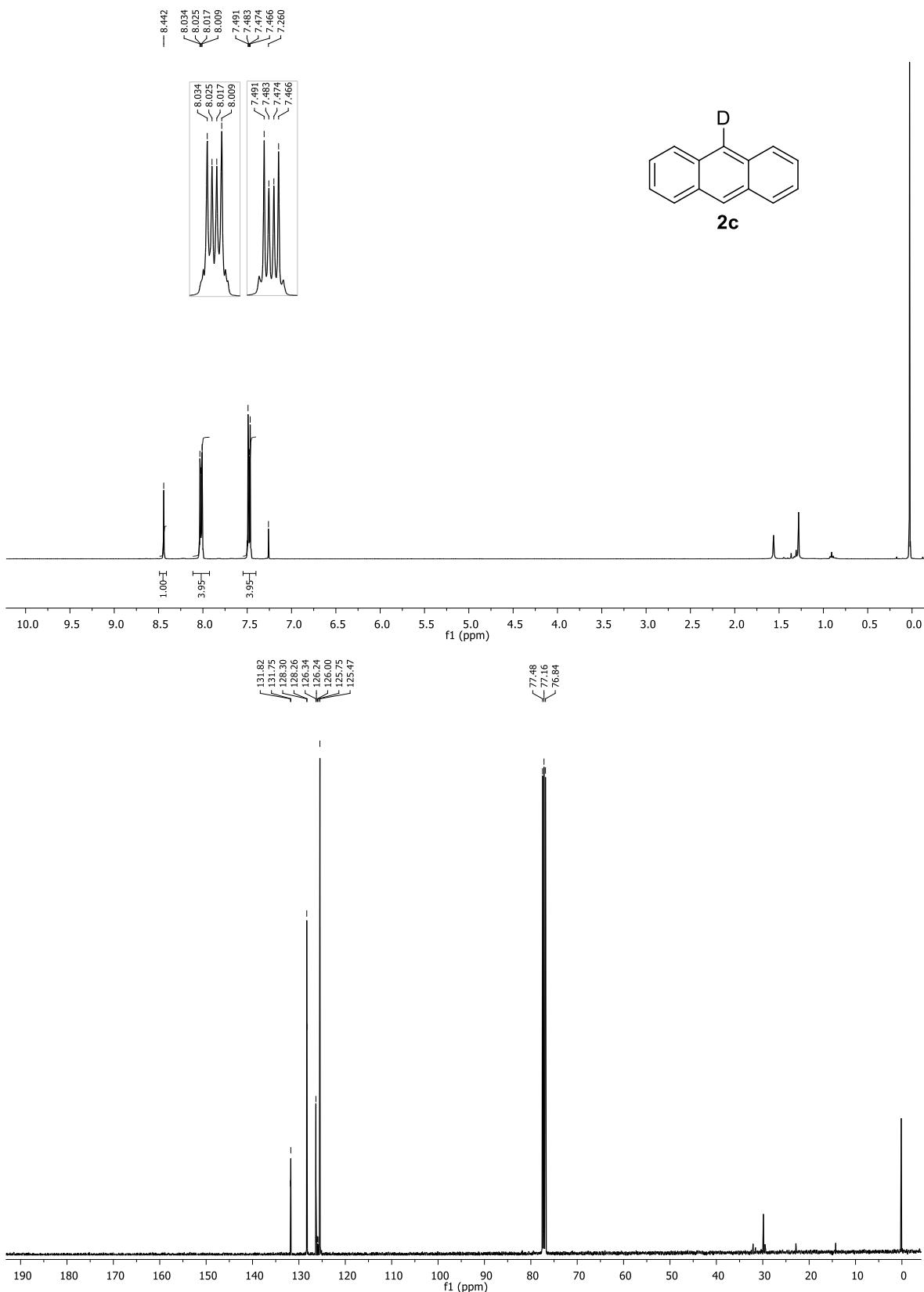
¹H & ¹³C NMR Spectra of 2-Deuteronaphthalene (2a)



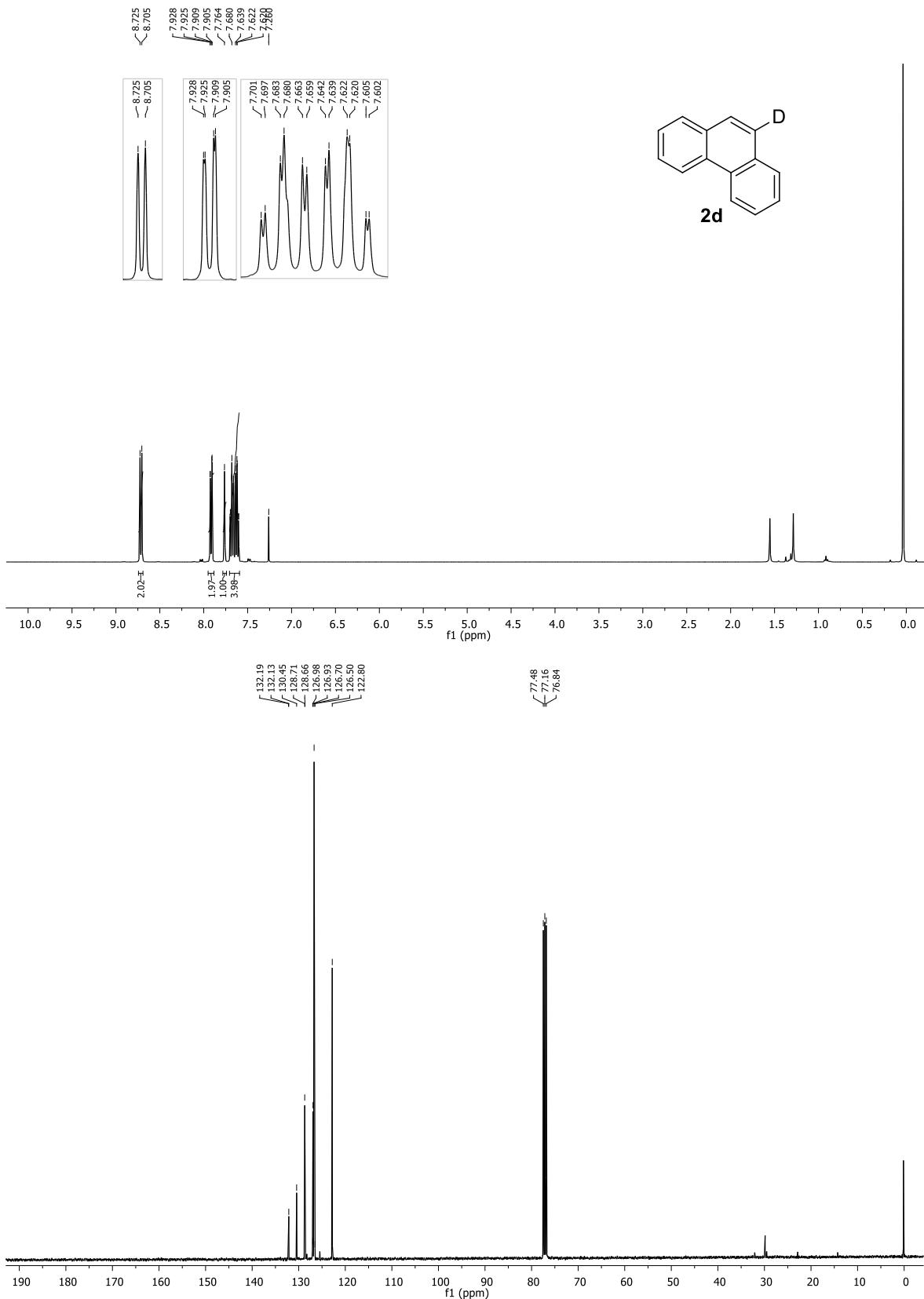
¹H & ¹³C NMR Spectra of 1-Deuteronaphthalene (2b)



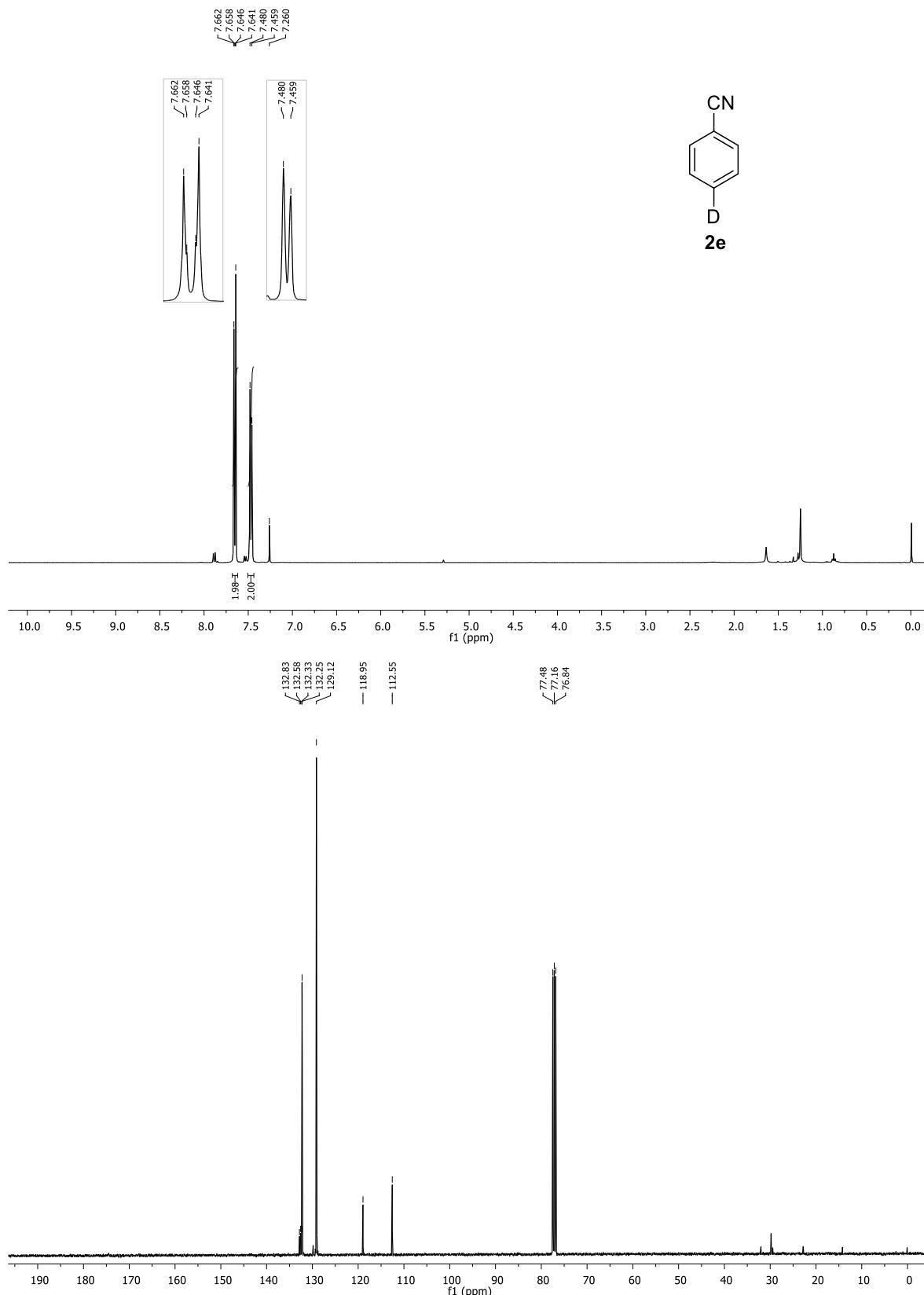
¹H & ¹³C NMR Spectra of 9-Deuteroanthracene (2c)



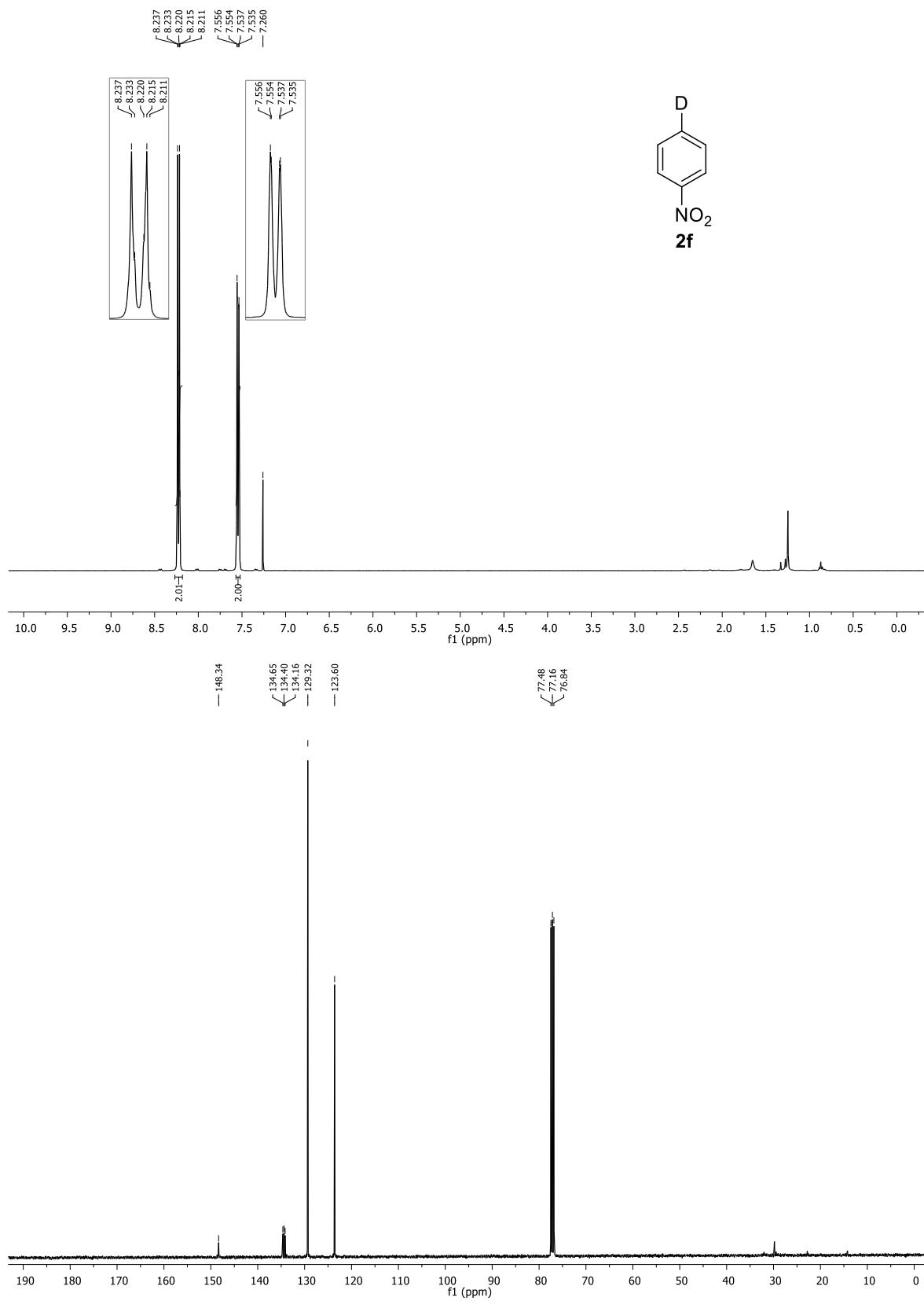
¹H & ¹³C NMR Spectra of 9-Deuterophenanthrene (2d)



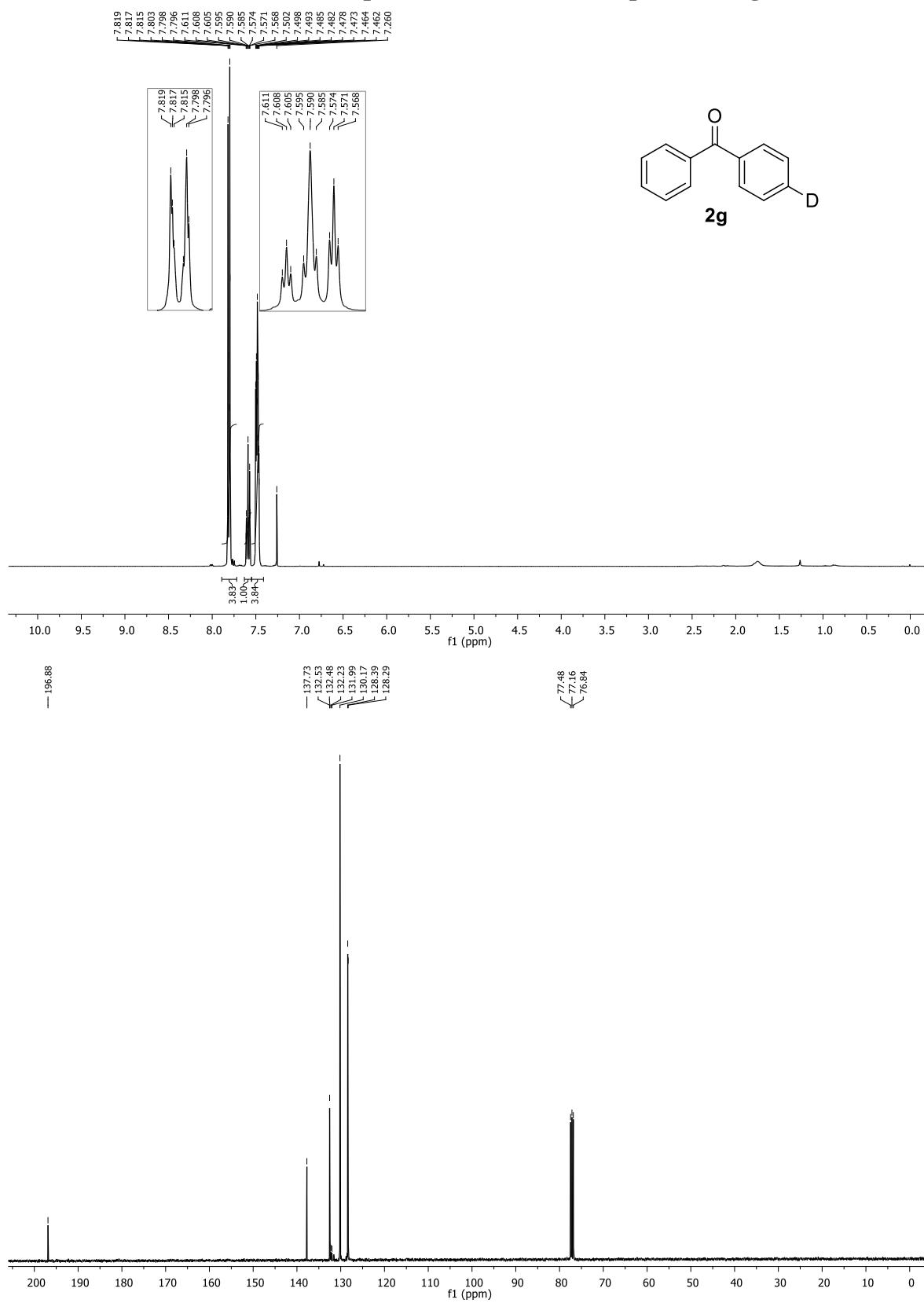
¹H & ¹³C NMR Spectra of 4-Deuterobenzonitrile (2e)



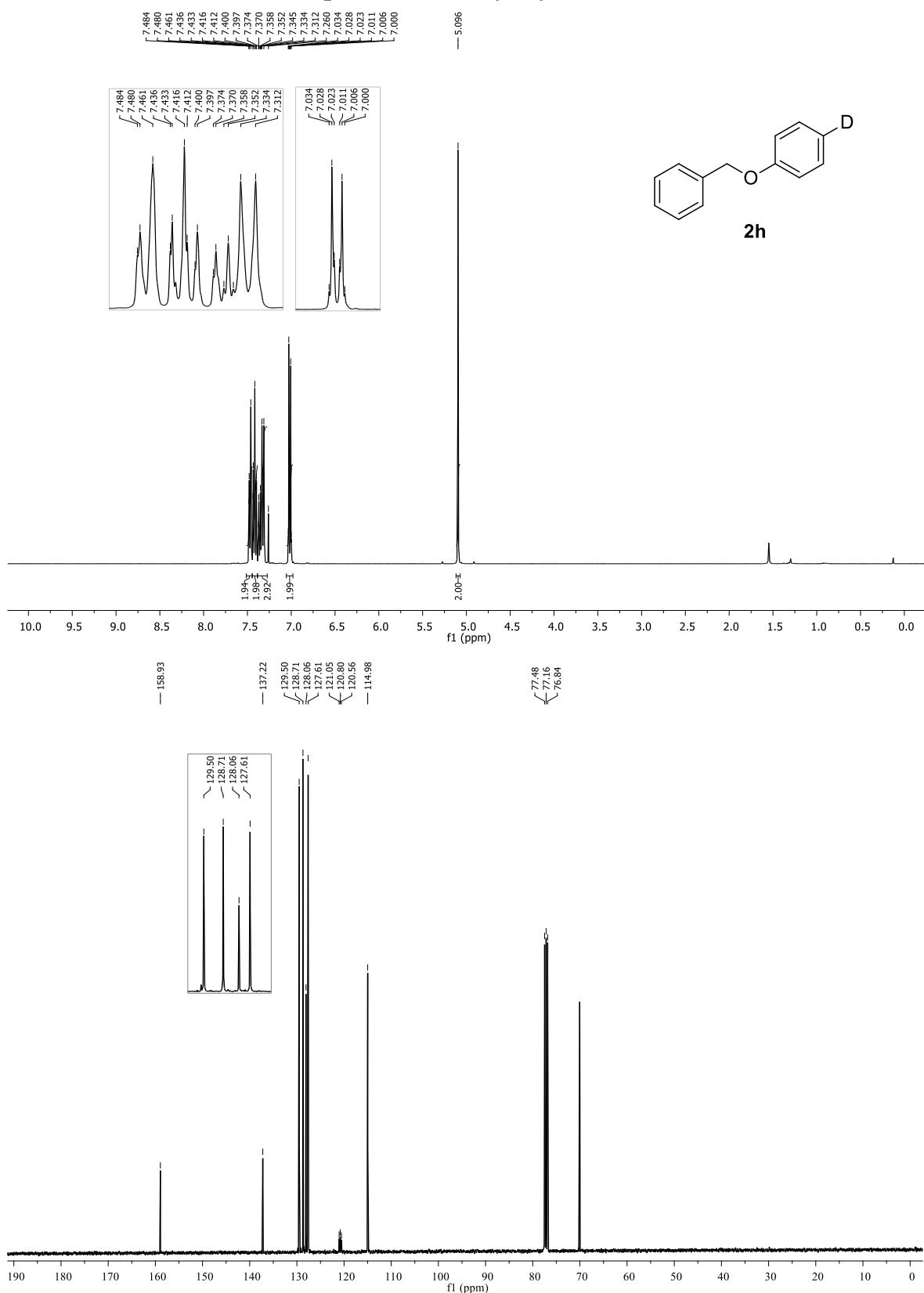
¹H & ¹³C NMR Spectra of 4-Deuteronitrobenzene (2f)



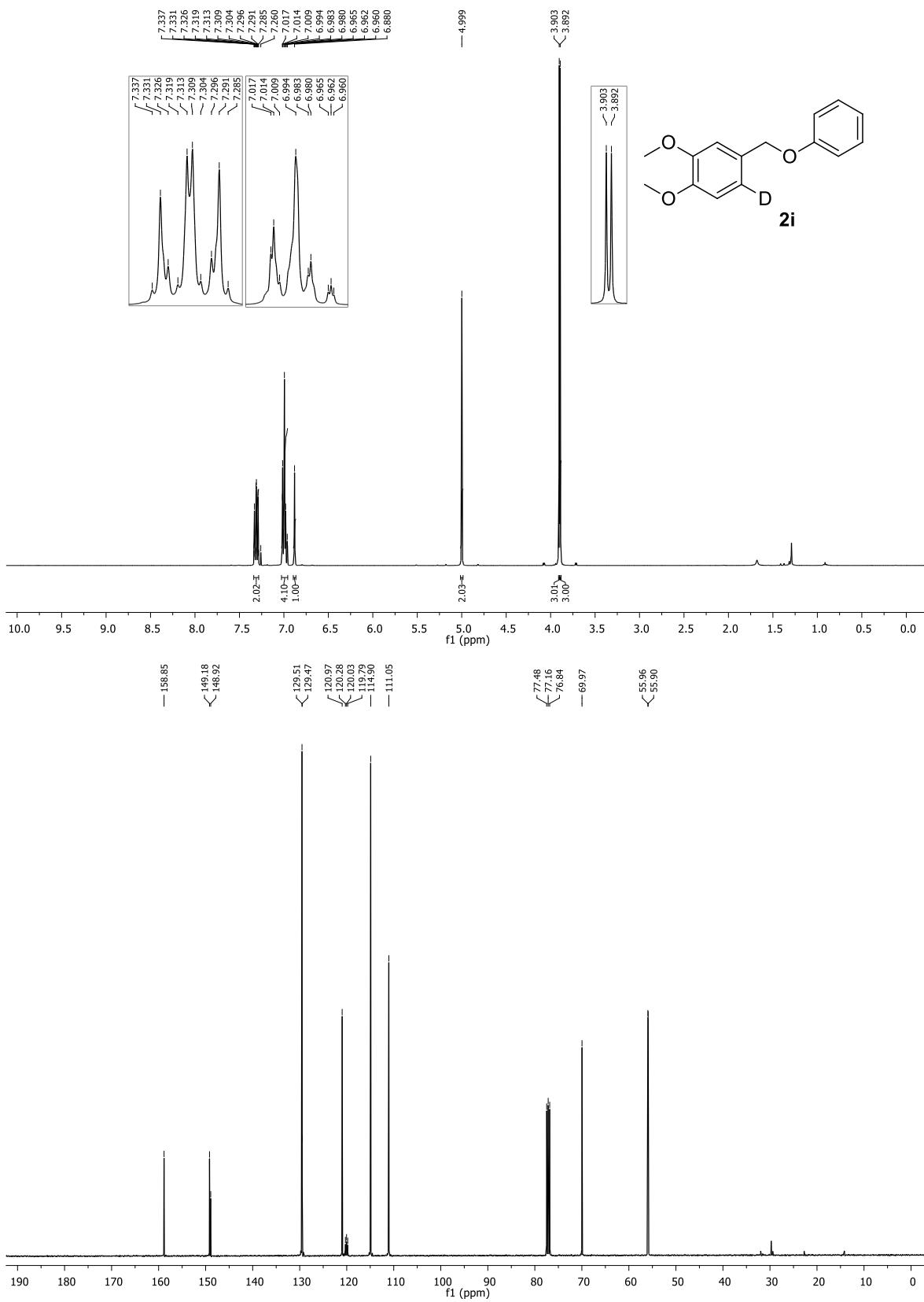
¹H & ¹³C NMR Spectra of 4-Deuterobenzophenone (2g)



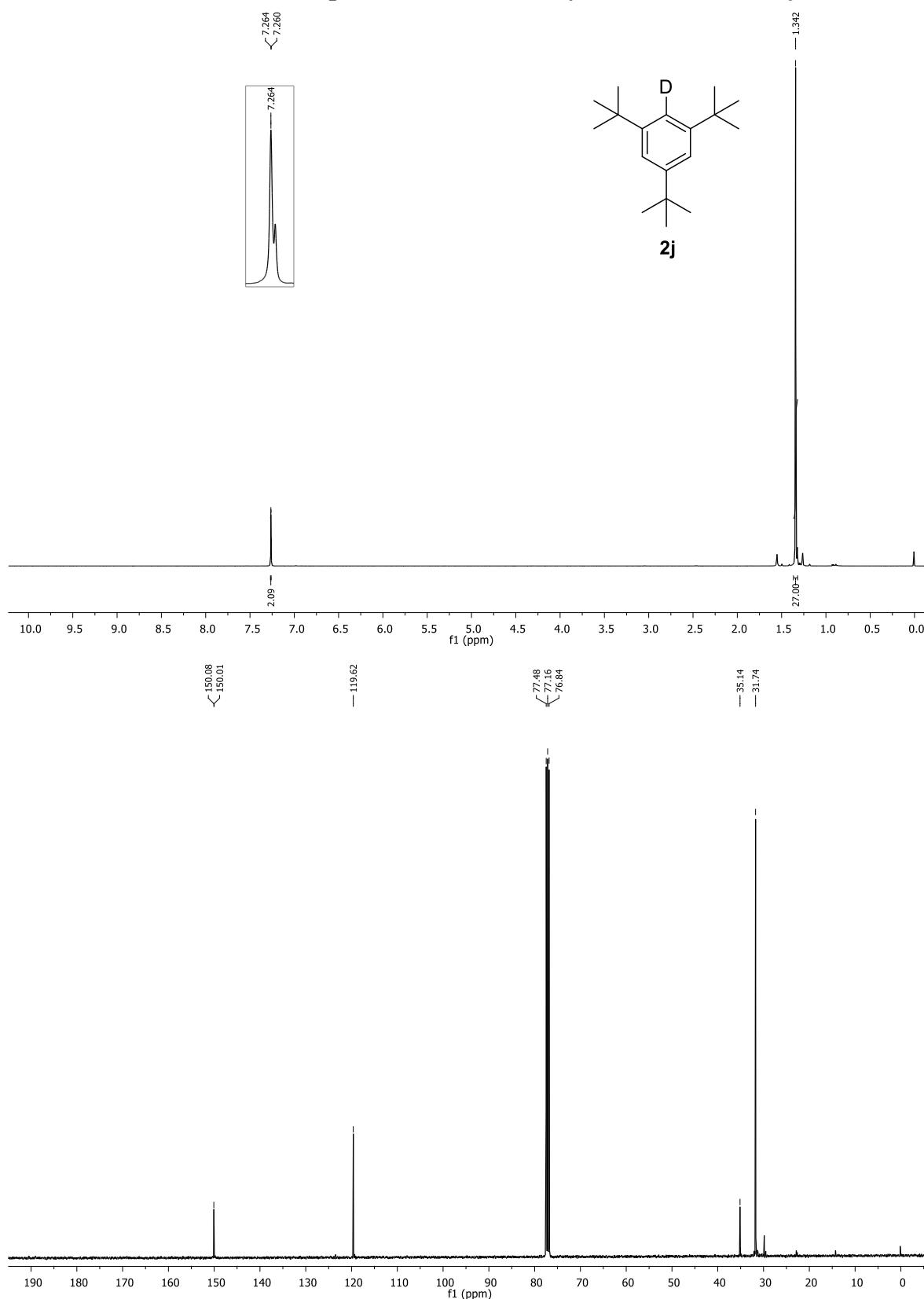
¹H & ¹³C NMR Spectra of 4-Benzylbenzene-1-Deuterobenzene (2h**)**



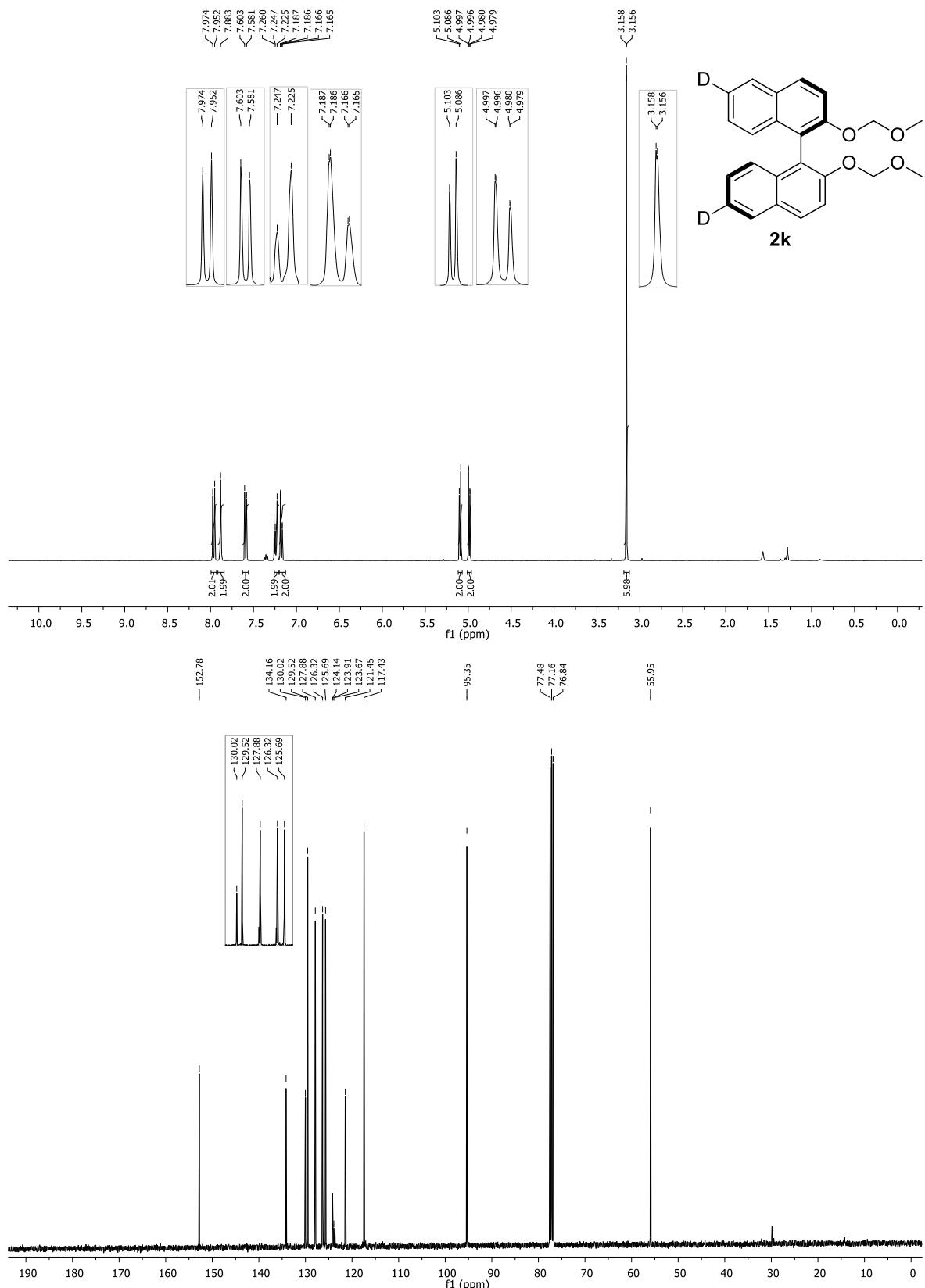
¹H & ¹³C NMR Spectra of 6-Benzylxy-3,4-dimethoxy-1-deuterobenzene (2i)



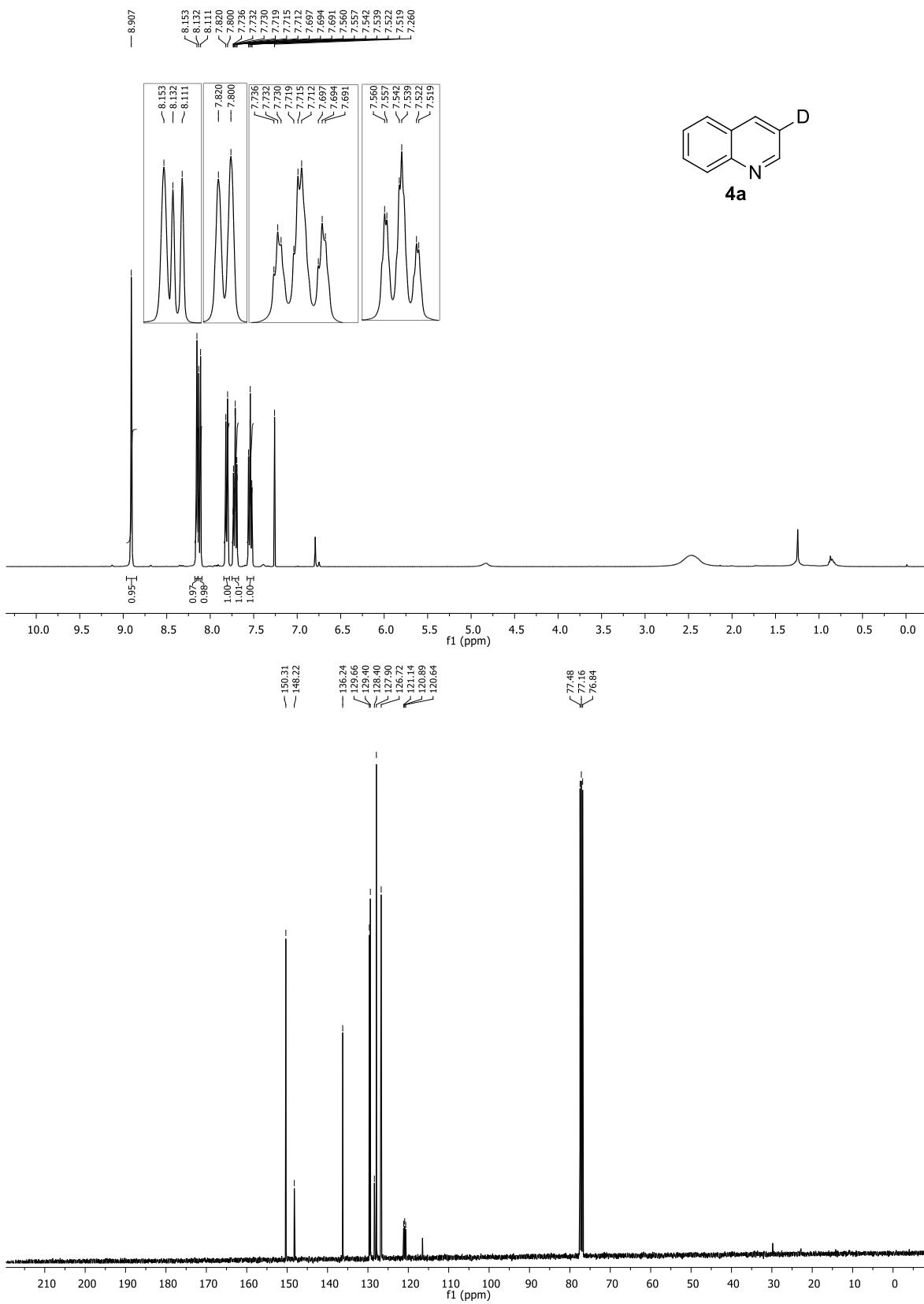
¹H & ¹³C NMR Spectra of 2,4,6-Tri-^tButyldeuterobenzene (**2j**)



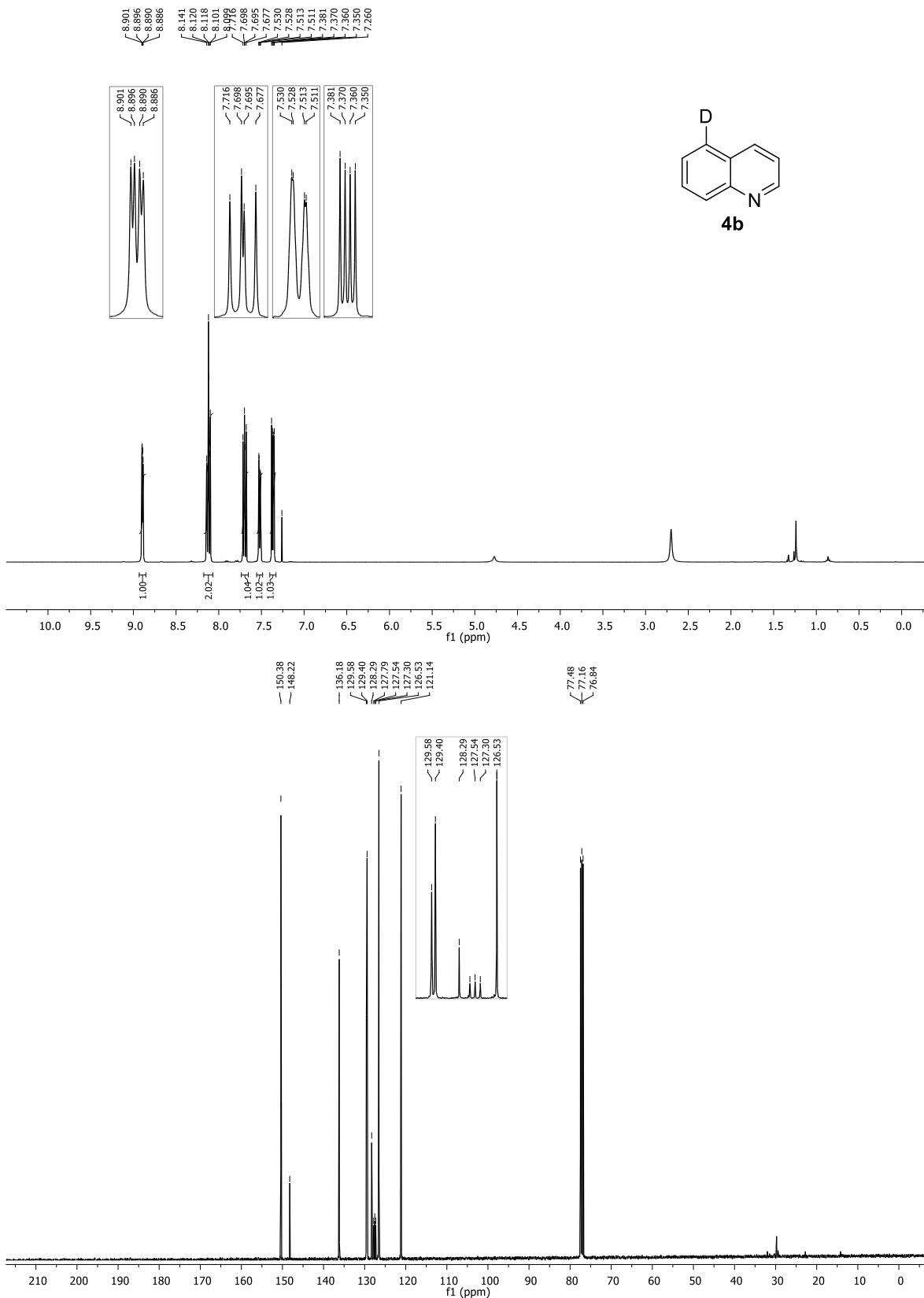
¹H & ¹³C NMR Spectra of 6,6'-Dibromo-2,2'-bis(methoxymethoxy)-1,1'-binaphthalene (2k)



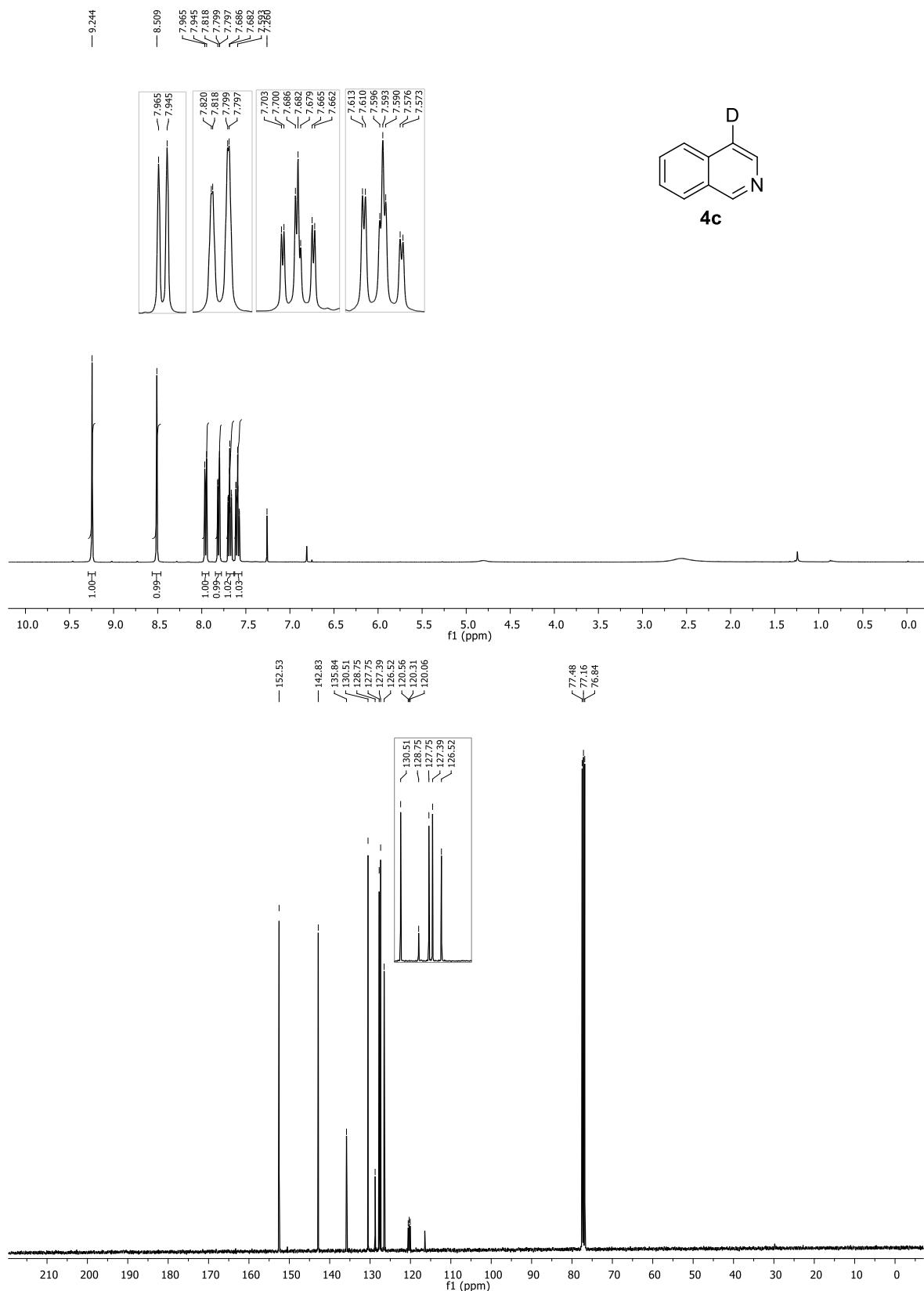
¹H & ¹³C NMR Spectra of 3-Deuteroquinoline (4a)



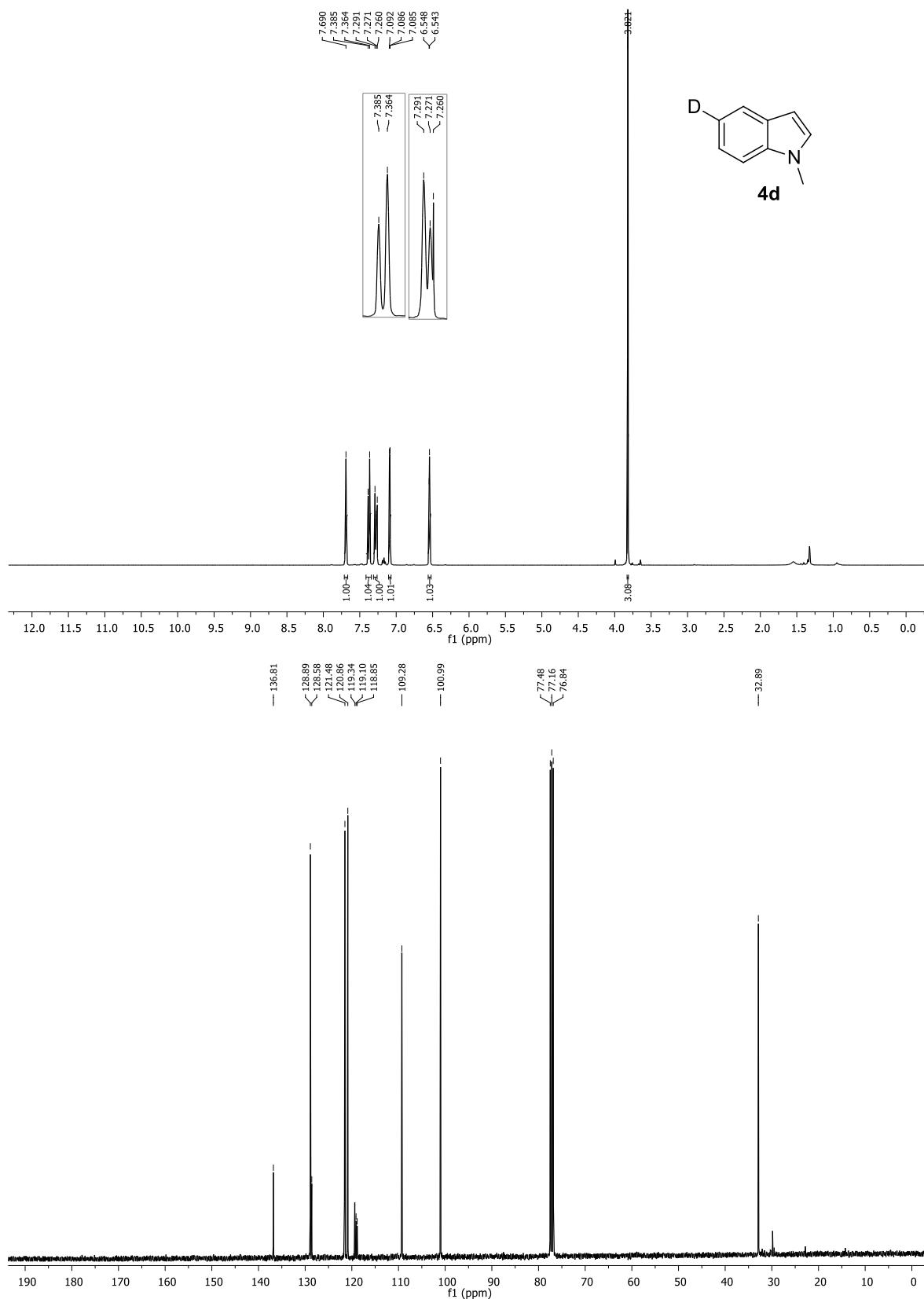
¹H & ¹³C NMR Spectra of 5-Deuteroquinoline (4b)



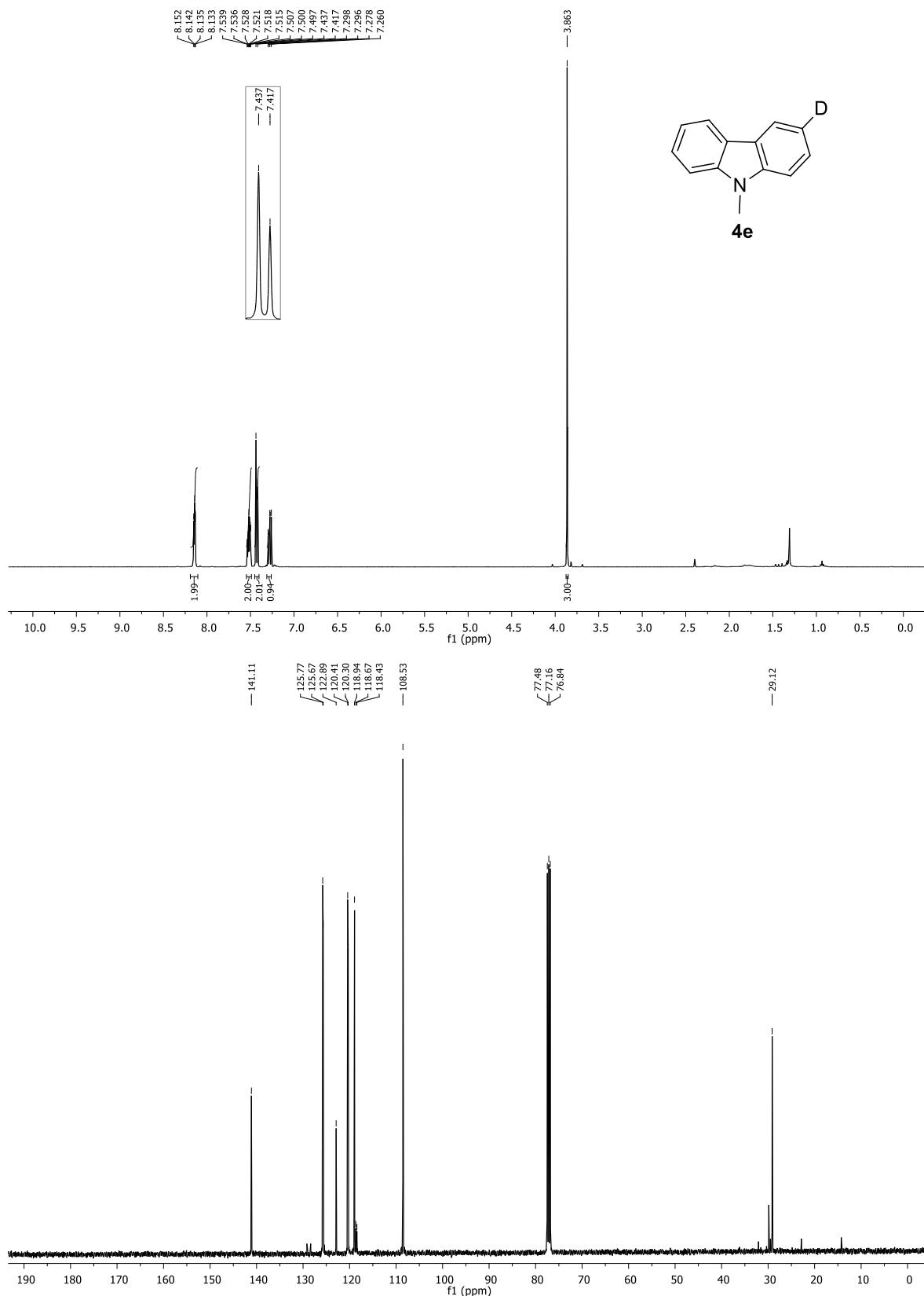
¹H & ¹³C NMR Spectra of 4-Deuteroisoquinoline (4c)



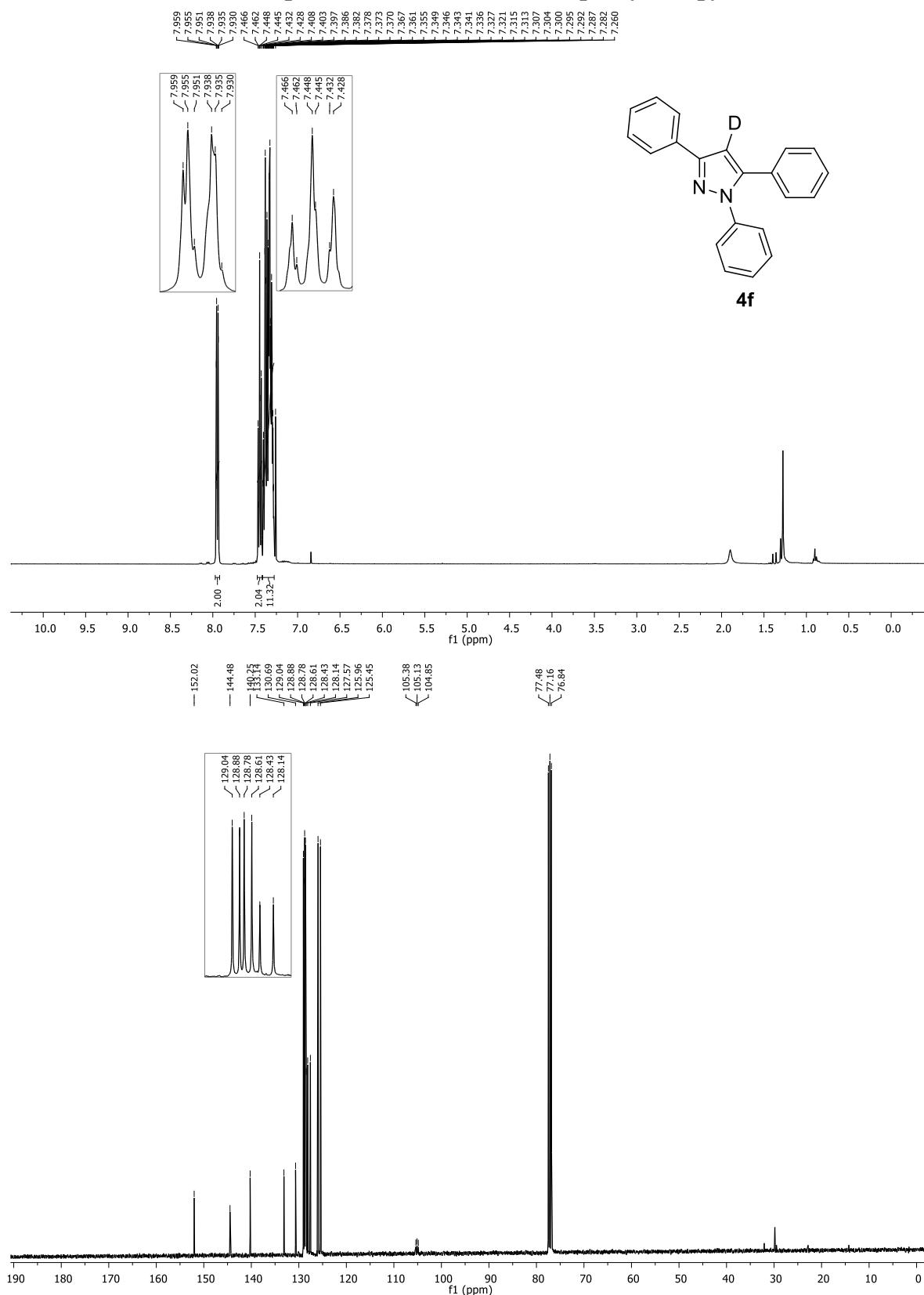
¹H & ¹³C NMR Spectra of 5-Deutero-N-methylindole (4d)



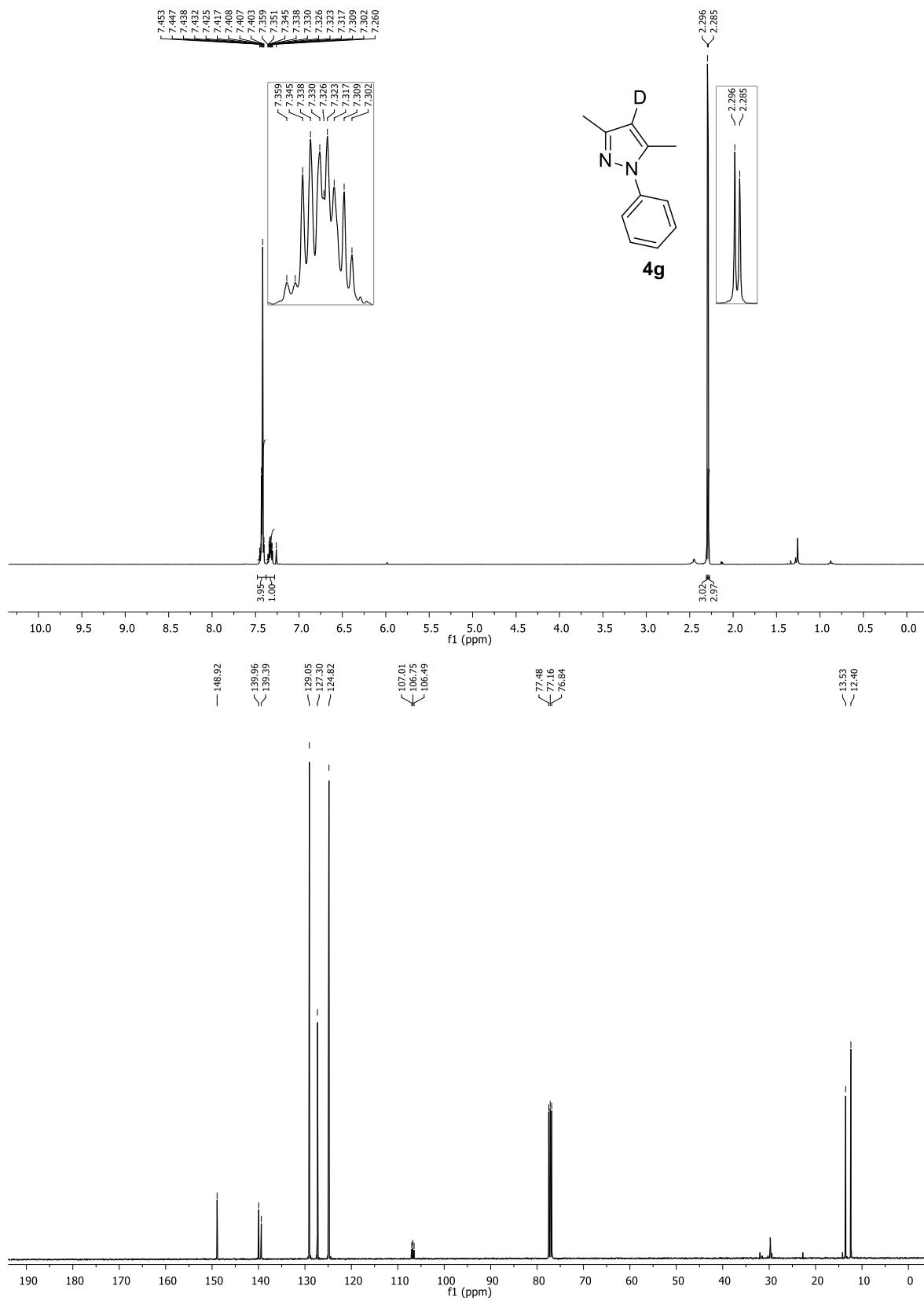
¹H & ¹³C NMR Spectra of 3-Deutero-9-methyl-9H-carbazole (4e)



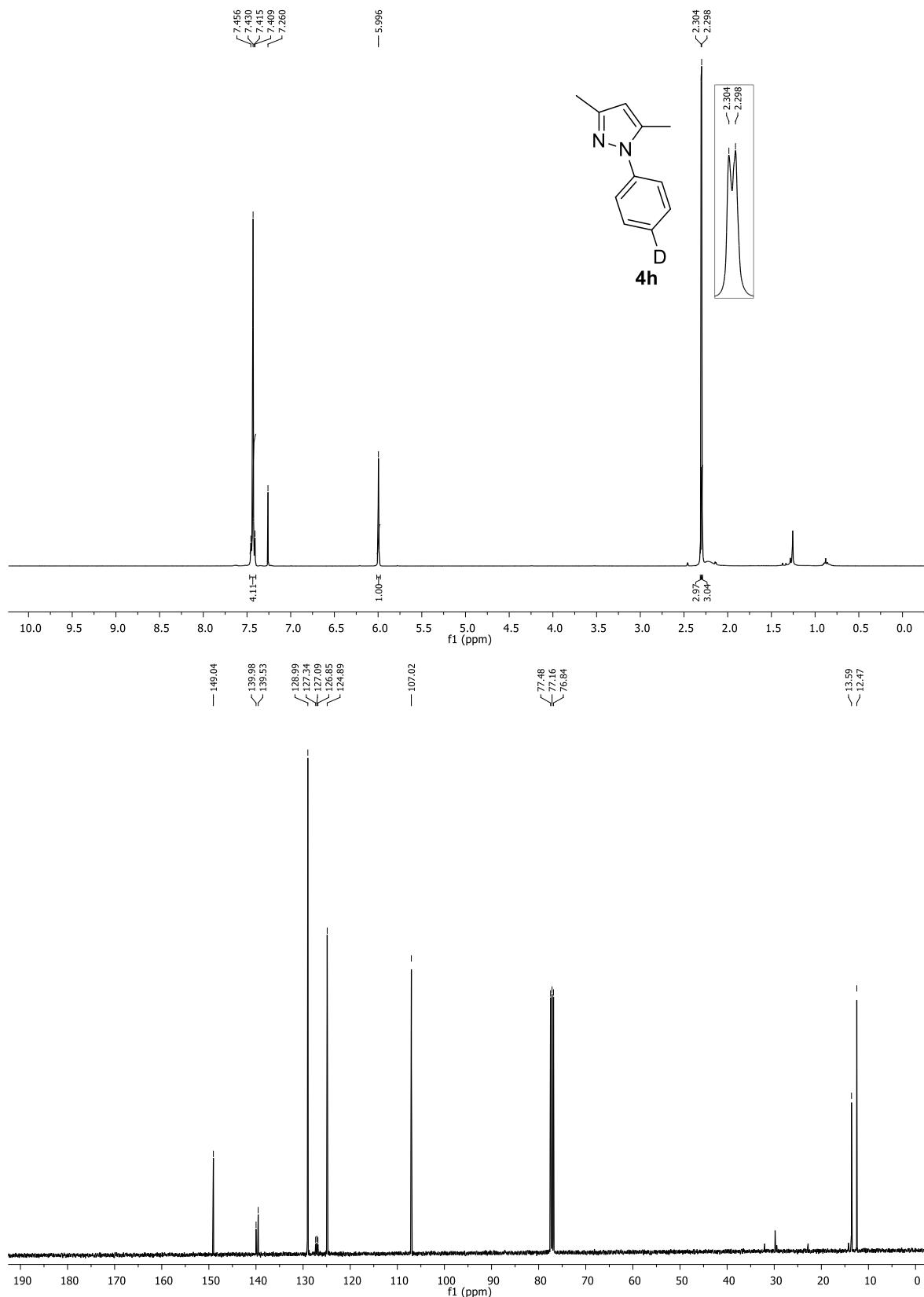
¹H & ¹³C NMR Spectra of 4-Deutero-1,3,5-triphenyl-1H-pyrazole (4f)



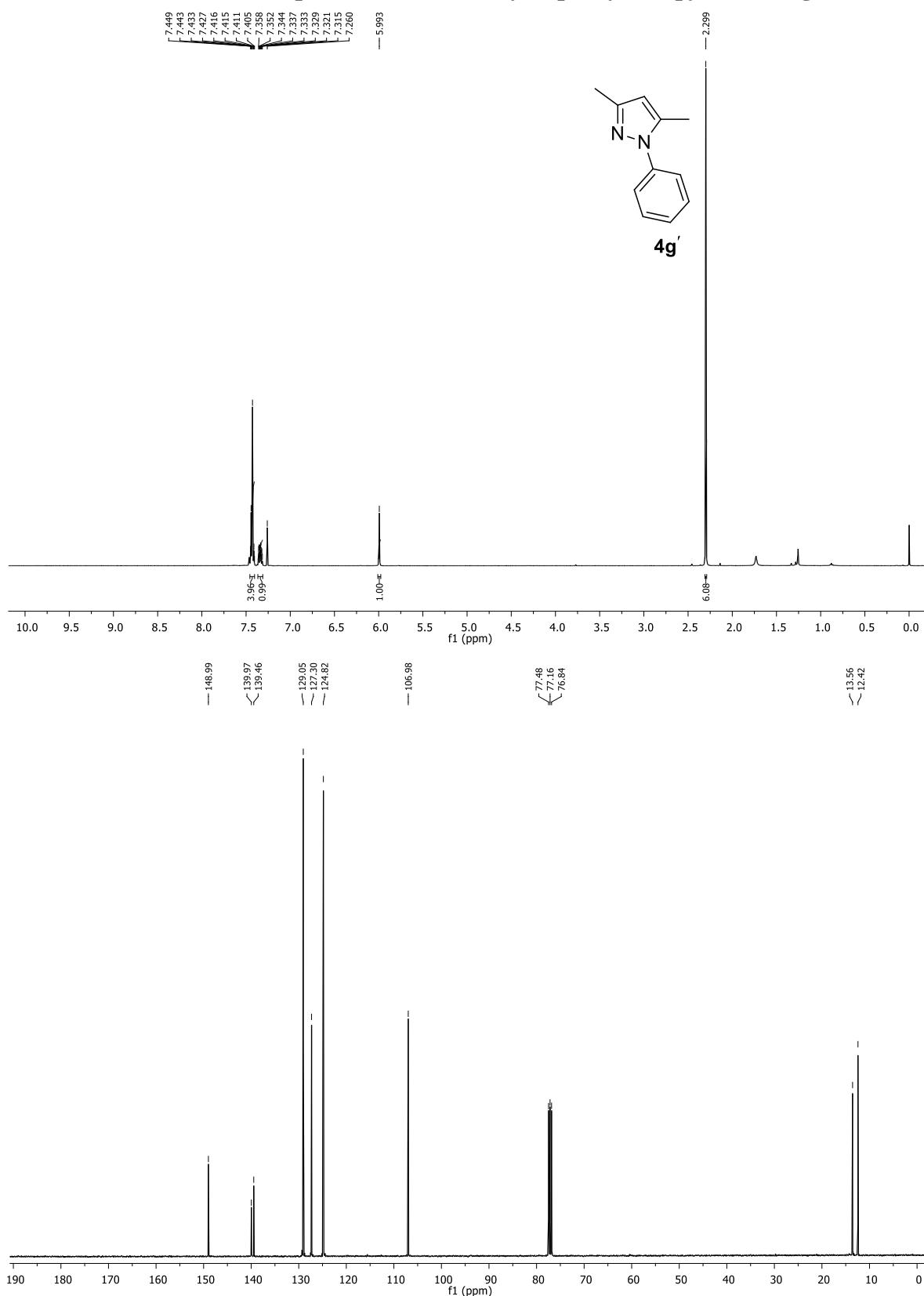
¹H & ¹³C NMR Spectra of 4-Deutero-3,5-dimethyl-1-phenyl-1H-pyrazole (4g)



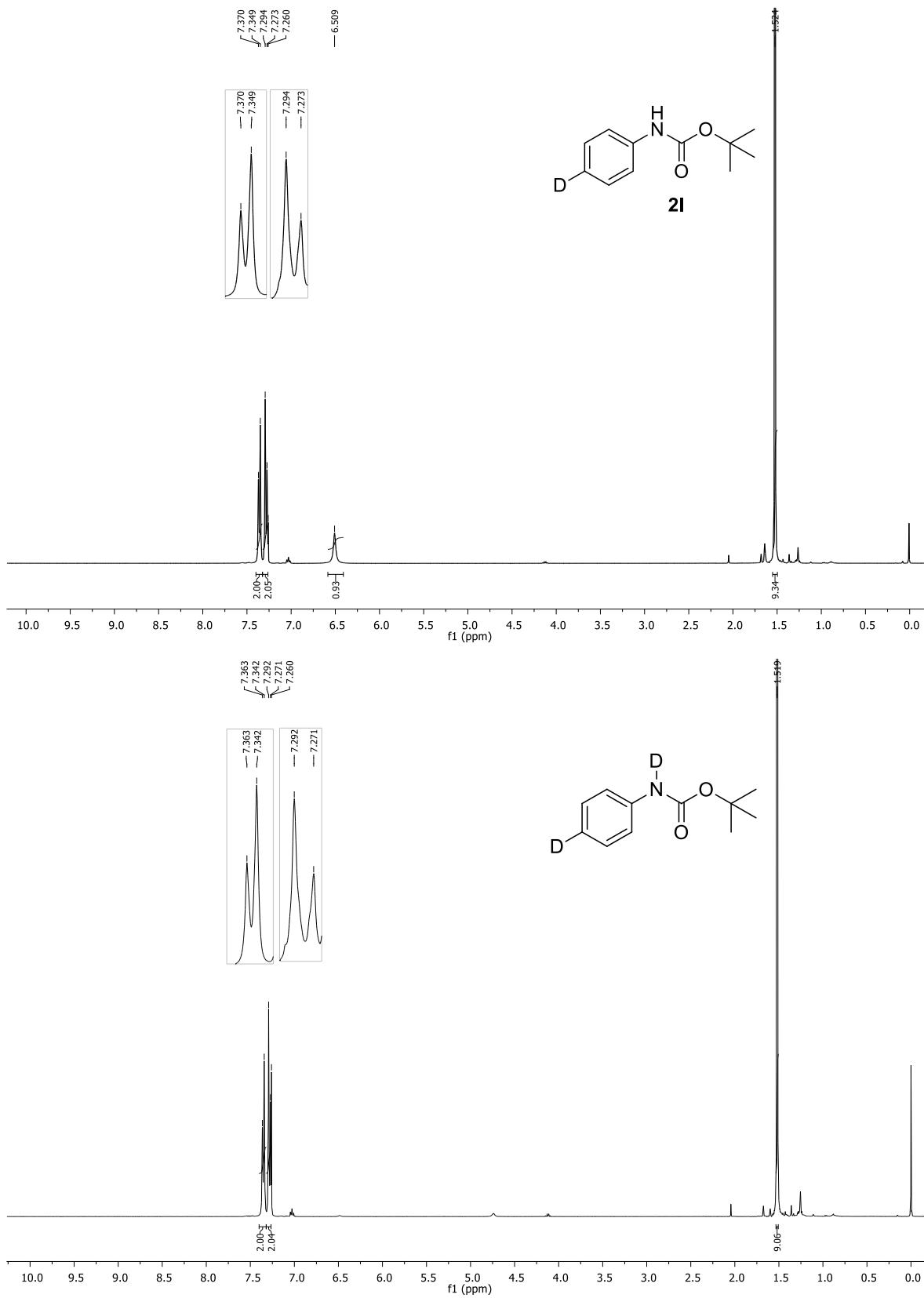
¹H & ¹³C NMR Spectra of 1-(4-Deuterophenyl)-3,5-dimethyl-1H-pyrazole (4h)



^1H & ^{13}C NMR Spectra of 3,5-Dimethyl-1-phenyl-1*H*-pyrazole (4g'**)**



¹H NMR Spectra (without & with D₂O Shake) of *N*-Boc-4-deuterophenylamine (2l)



^{13}C NMR Spectra of *N*-Boc-4-deuterophenylamine

