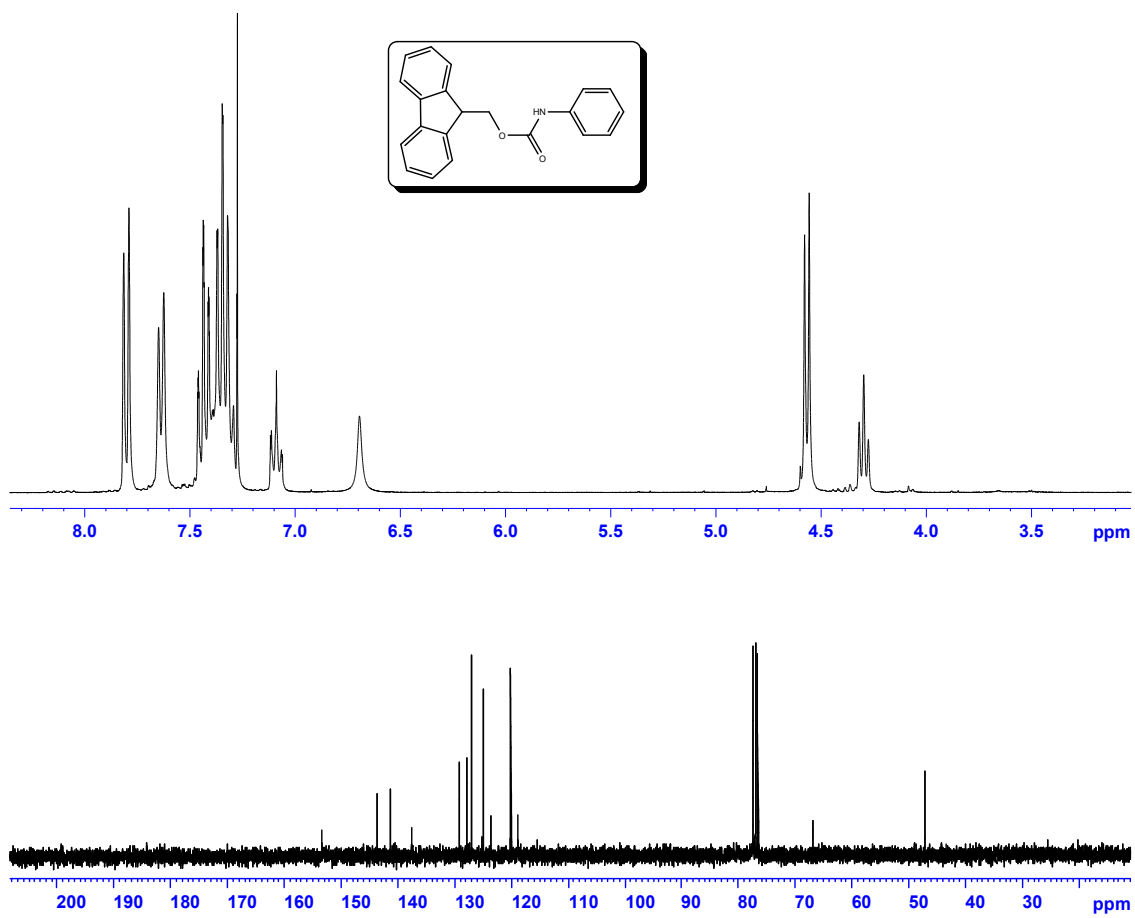


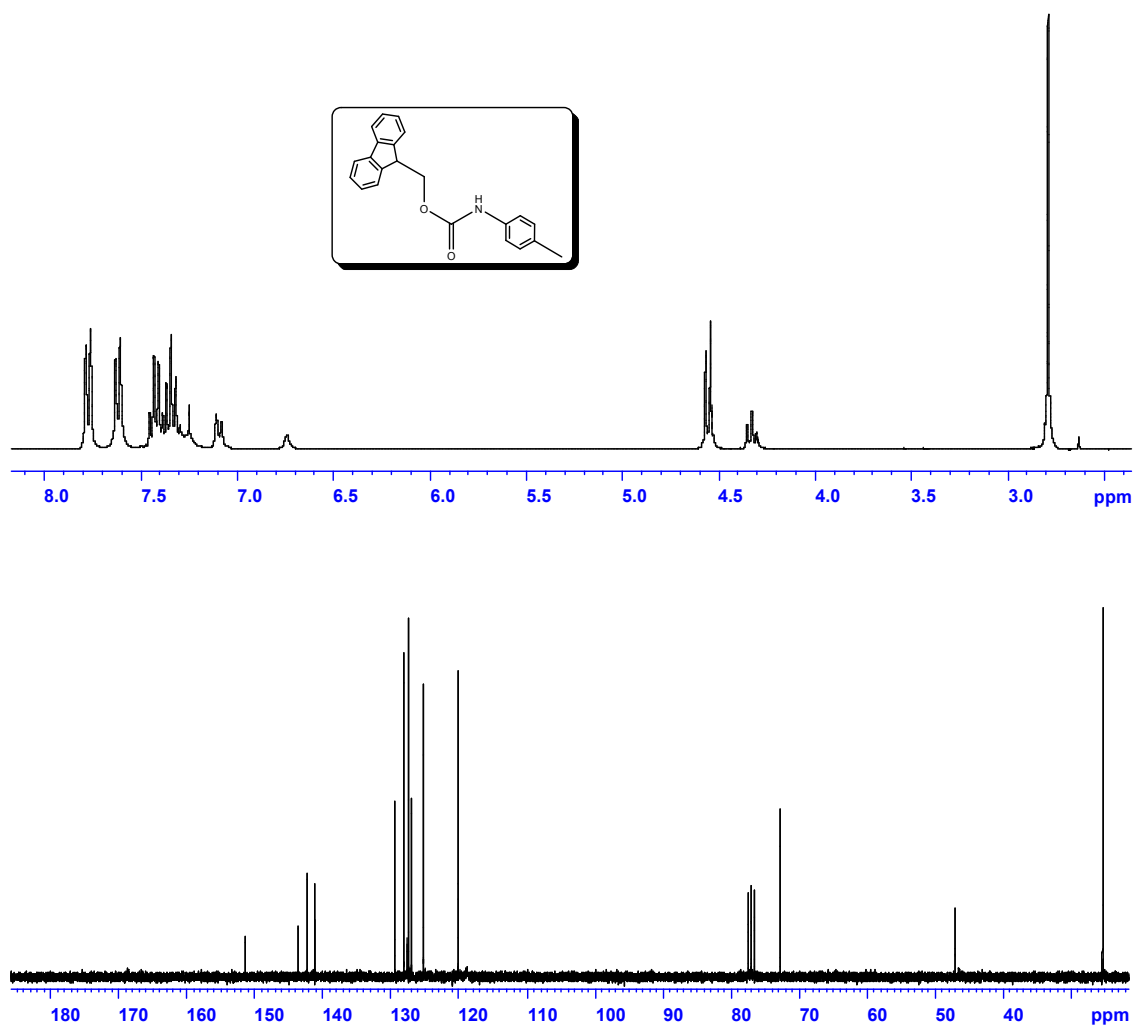
Electronic Supplementary Information Content

Copy of ^1H and ^{13}C NMR spectra for compounds **3a-s** and **4a-s**. **2-39**

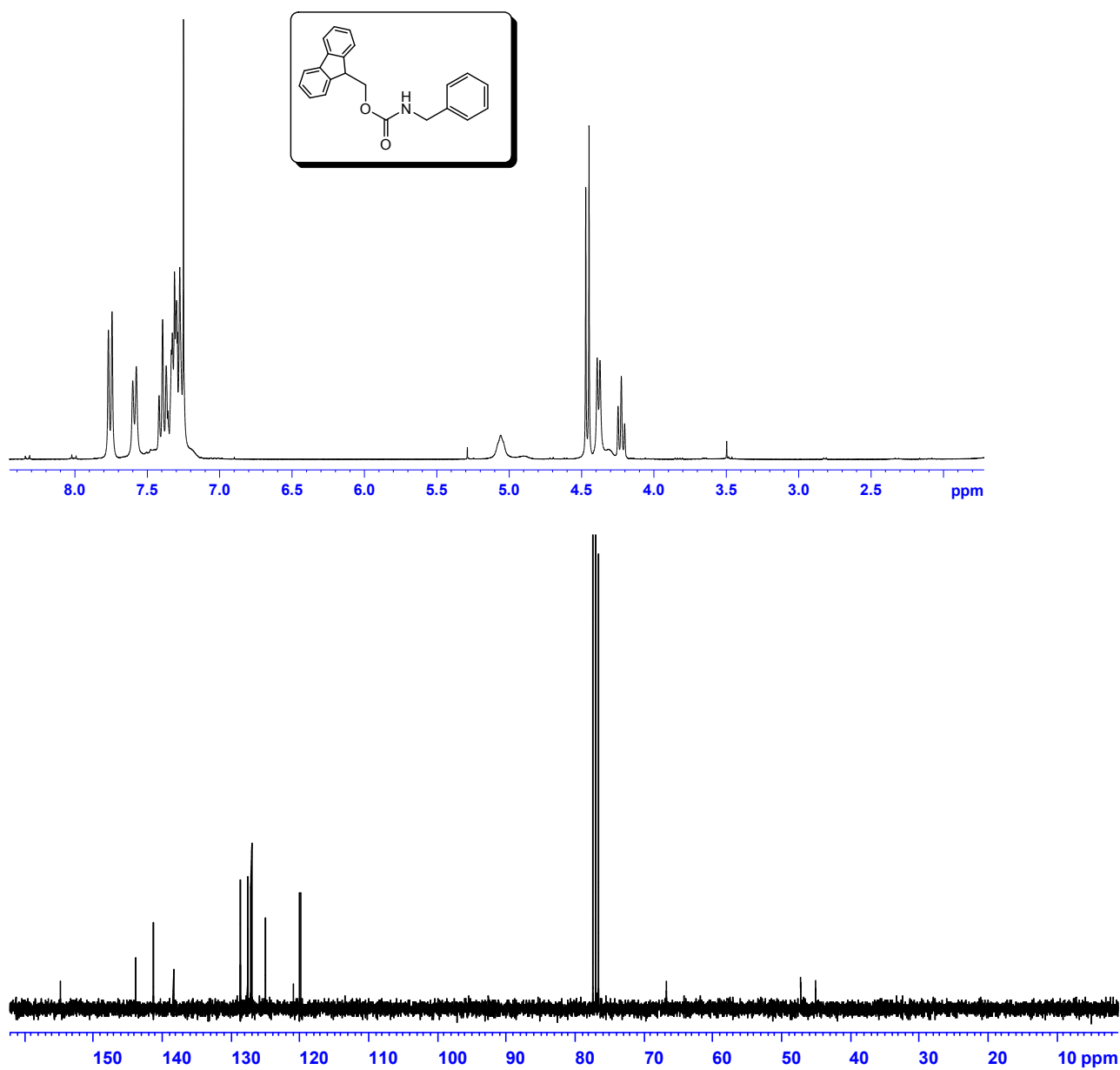
***N*-Fmoc-aniline (3a).** ^1H (300 MHz, CDCl_3) and ^{13}C (75 MHz, CDCl_3) NMR spectra



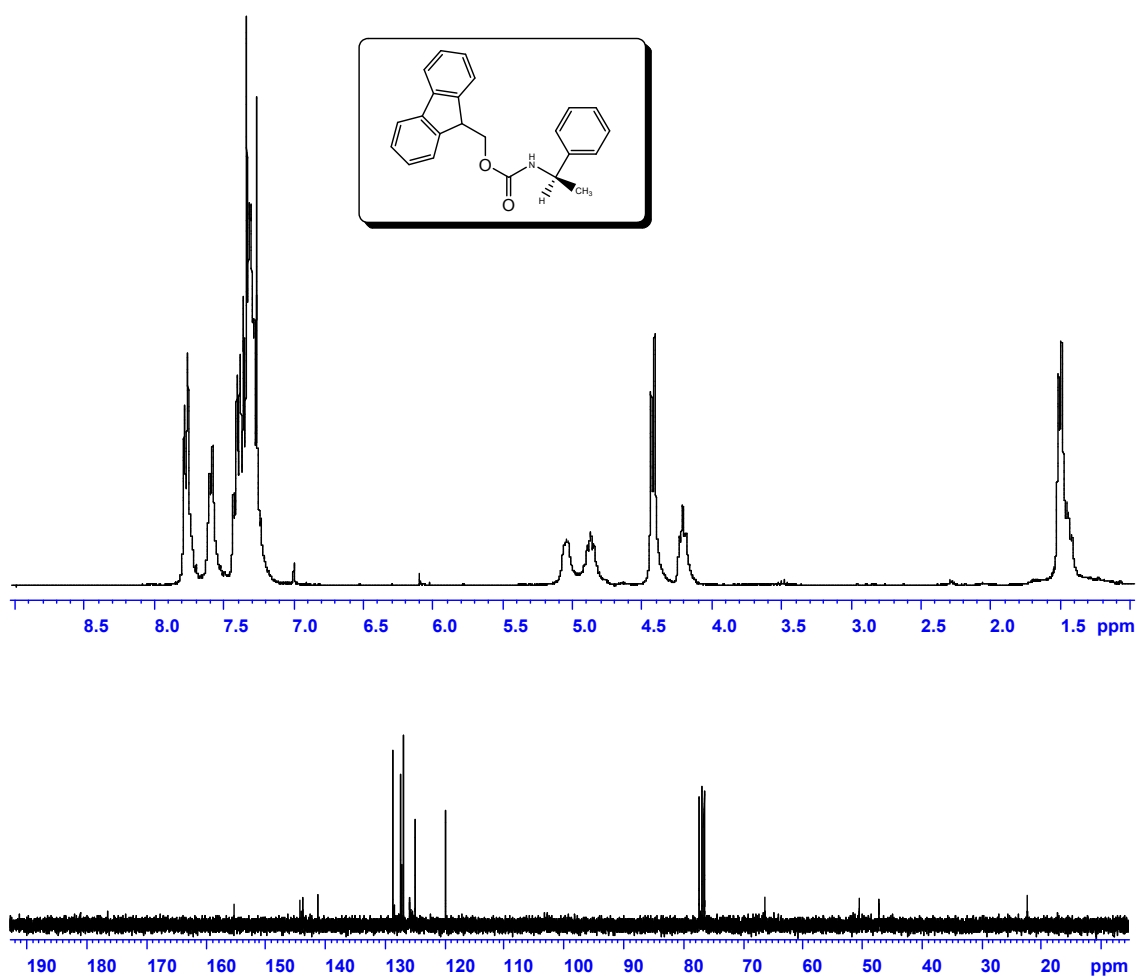
***N*-(9-Fluorenylmethoxycarbonyl)-4-methylaniline (3b).** ^1H (300 MHz, CDCl_3) and ^{13}C (75 MHz, CDCl_3) NMR spectra



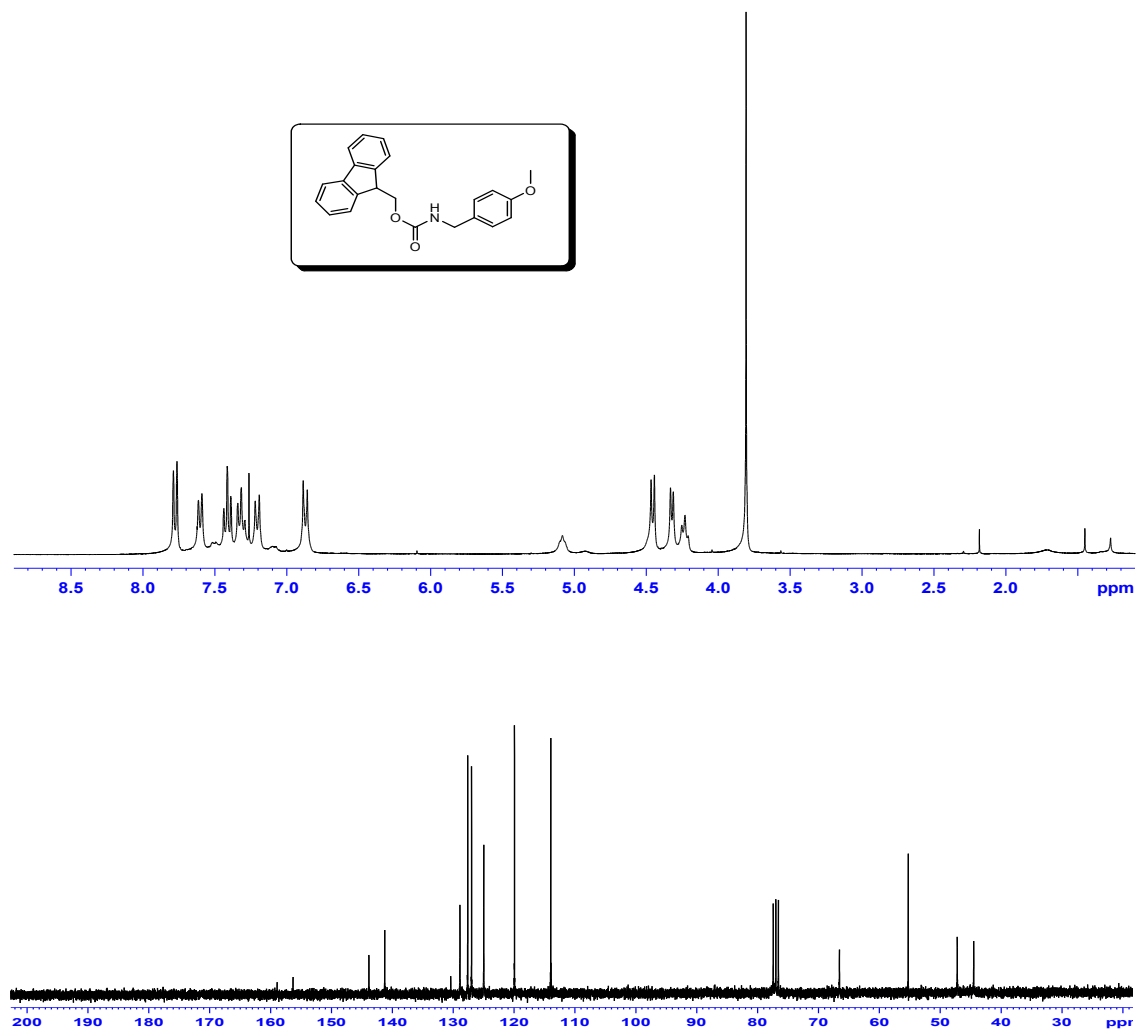
***N*-Fmoc-benzylamine (3c):**). ^1H (300 MHz, CDCl_3) and ^{13}C (75 MHz, CDCl_3) NMR spectra



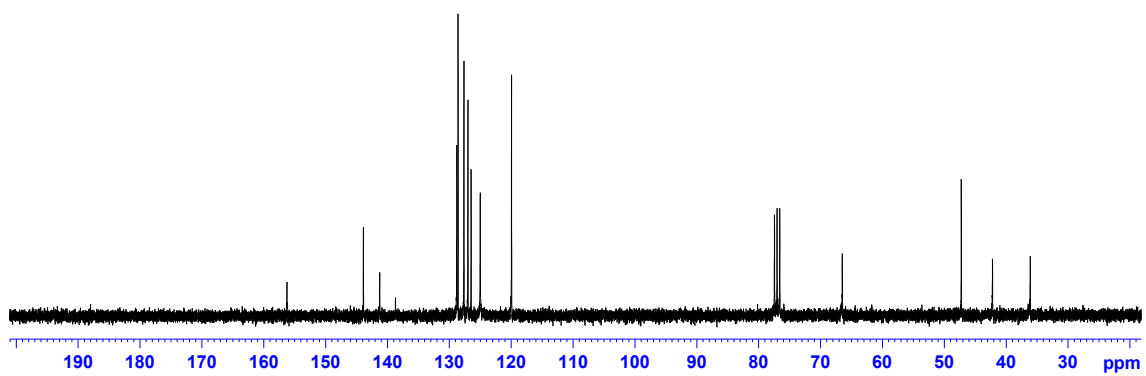
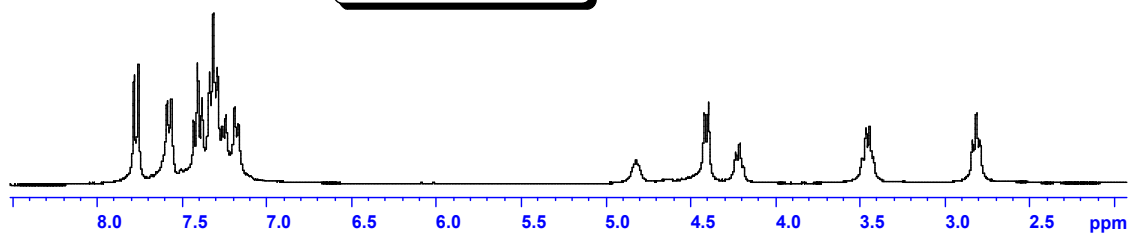
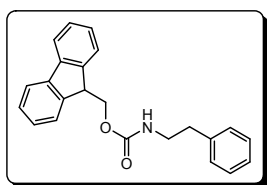
(S)-N-Fmoc-1-phenylethylamine (**3d**): ^1H (300 MHz, CDCl_3) and ^{13}C (75 MHz, CDCl_3) NMR spectra



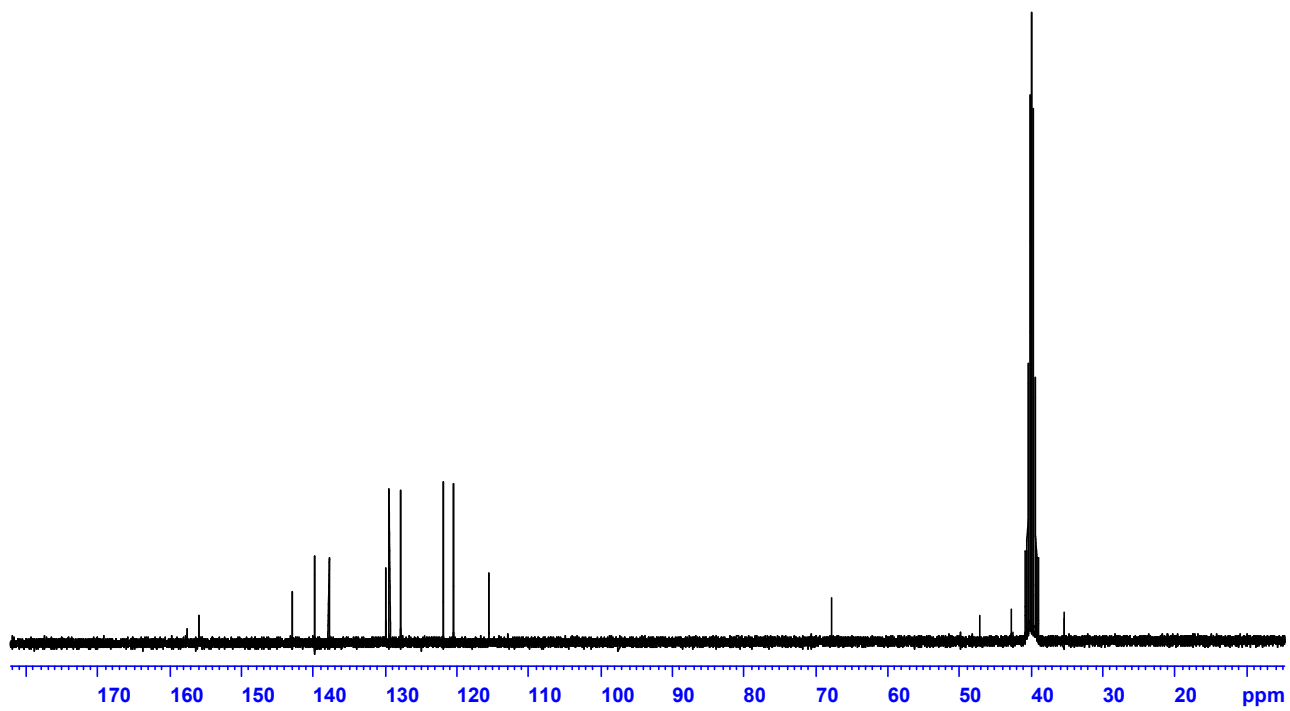
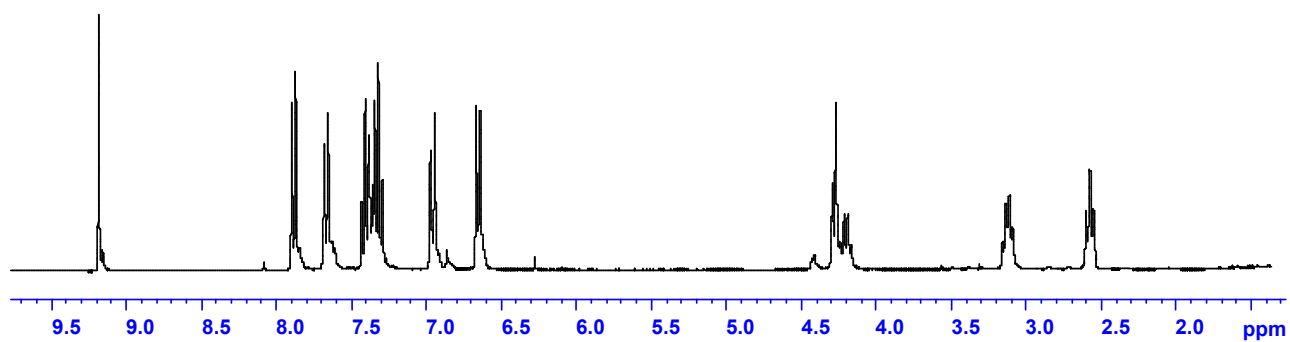
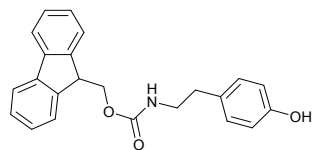
***N*-Fmoc-p-methoxybenzylamine (3e):** ^1H (300 MHz, CDCl_3) and ^{13}C (75 MHz, CDCl_3) NMR spectra



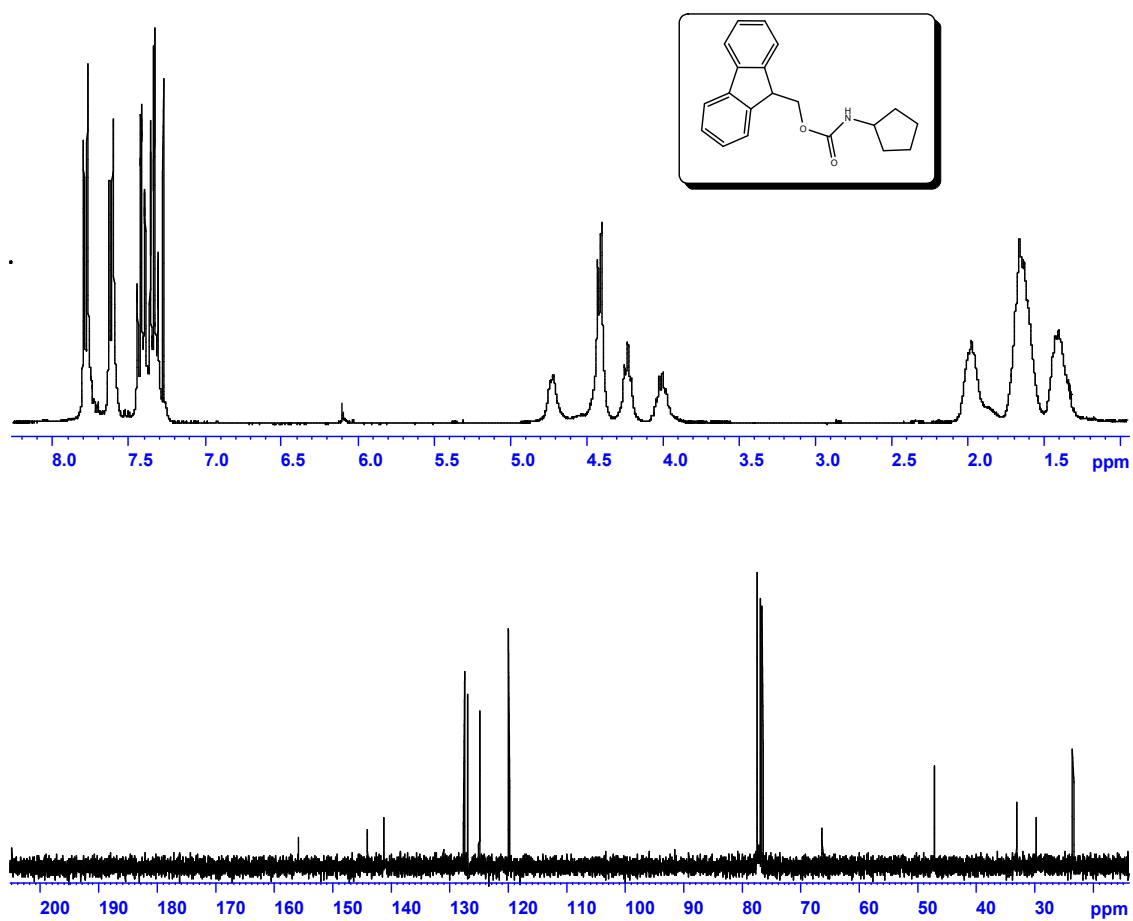
***N*-Fmoc-2-phenylethylamine (3f):** ^1H (300 MHz, CDCl_3) and ^{13}C (75 MHz, CDCl_3) NMR spectra



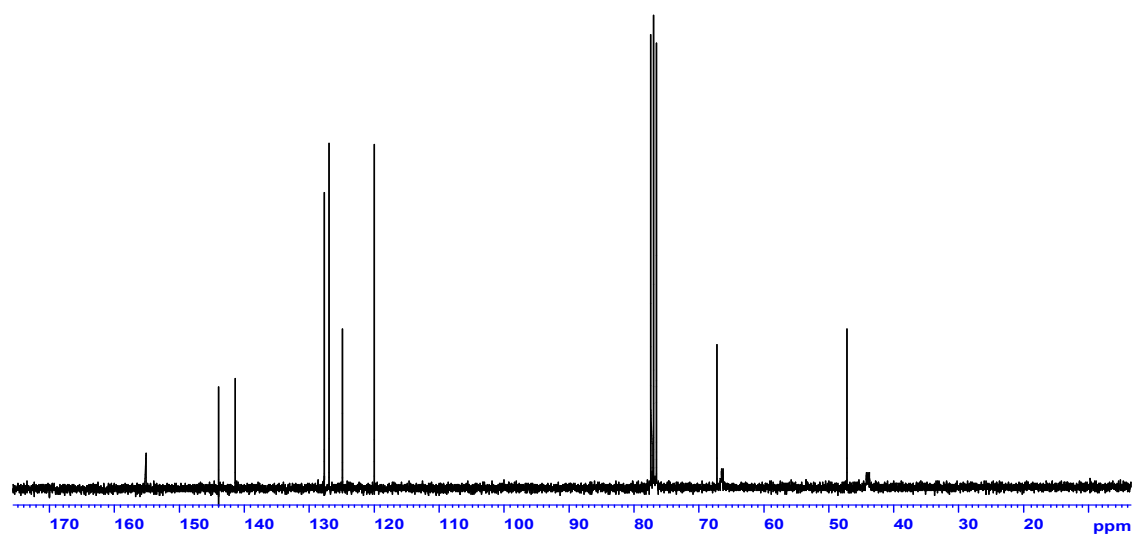
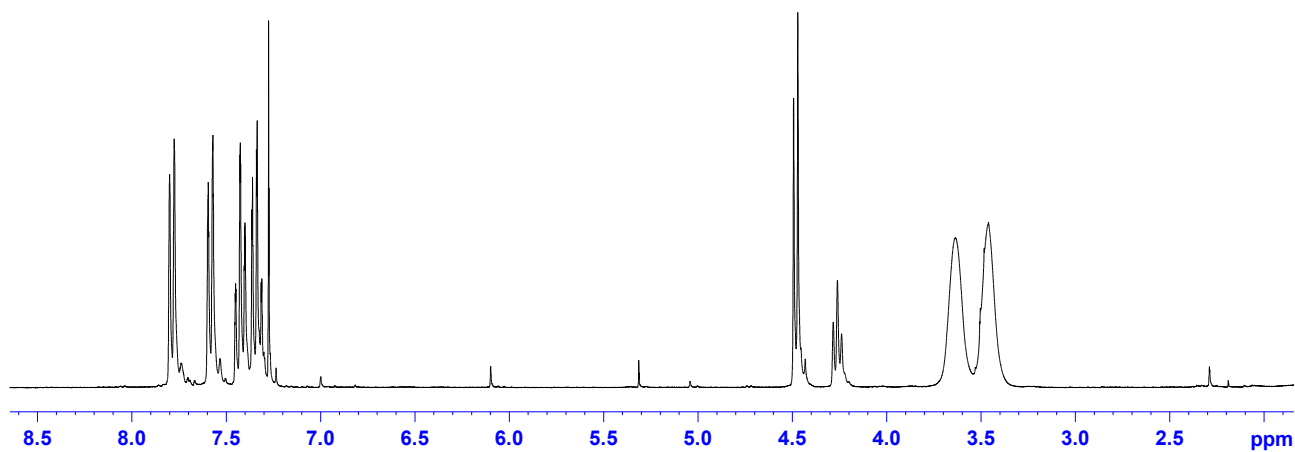
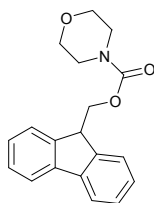
***N*-Fmoc-tyramine (3g):** ^1H (300 MHz, CDCl_3) and ^{13}C (75 MHz, CDCl_3) NMR spectra



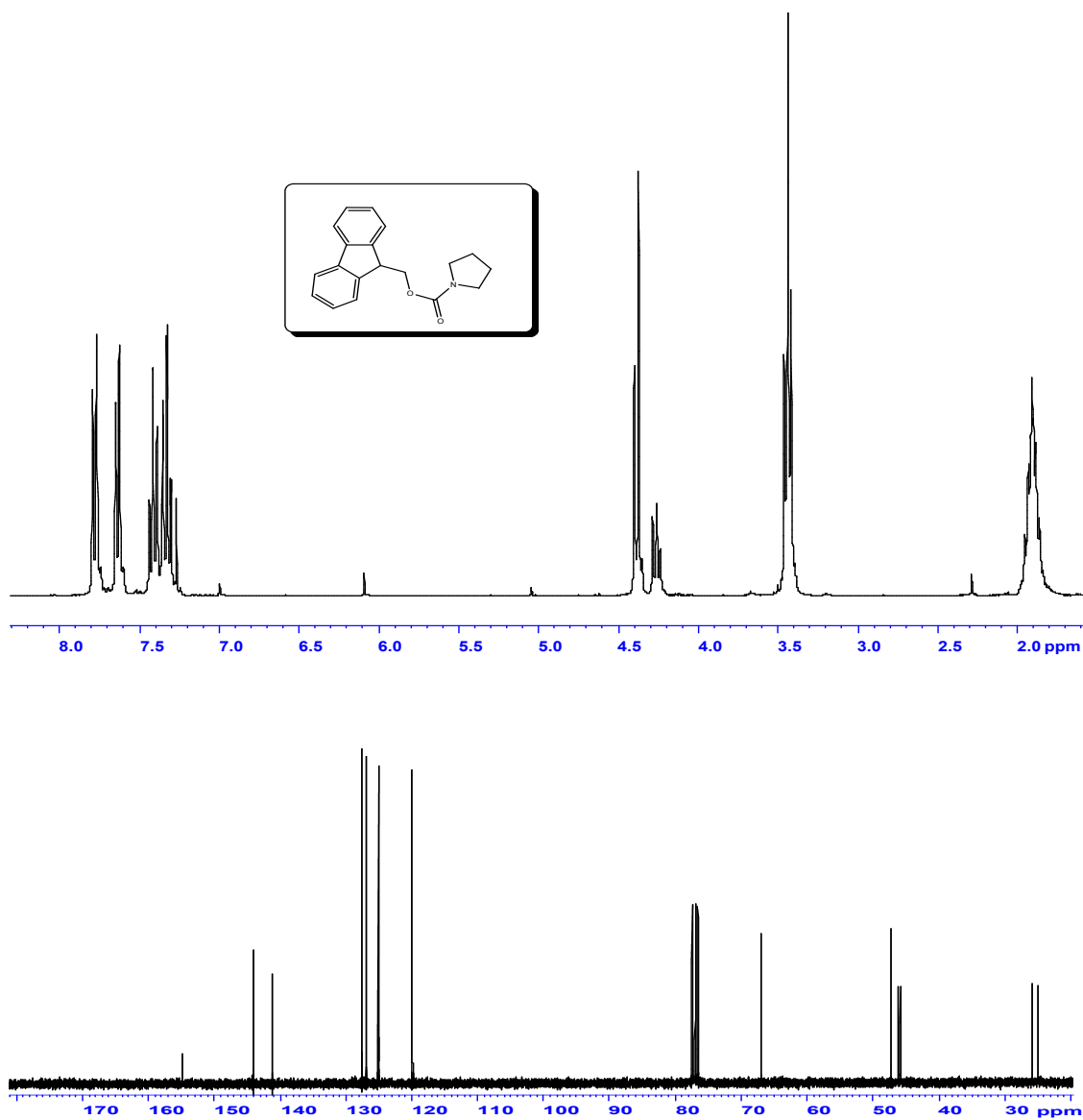
***N*-Fmoc-cyclopentylamine (3h):**



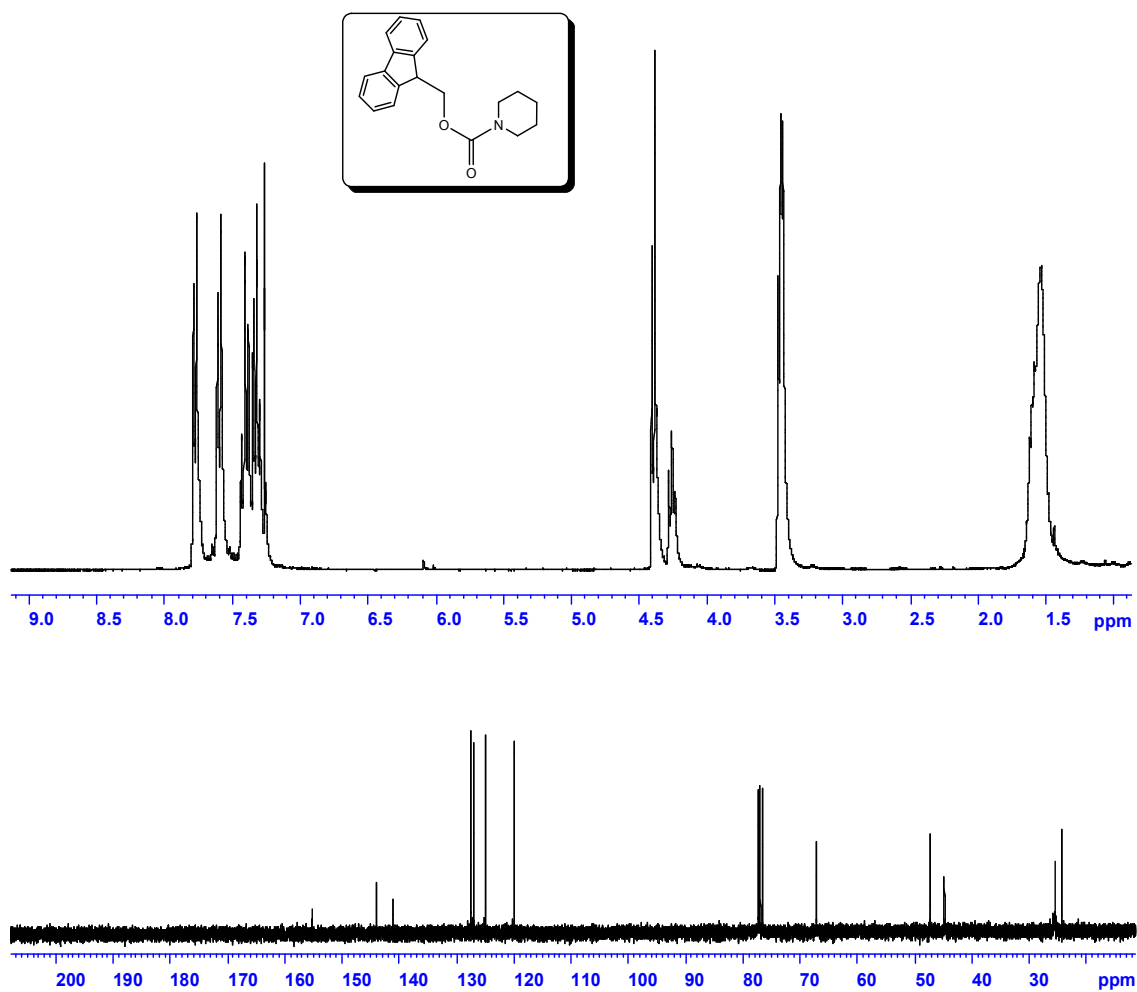
***N*-Fmoc-morpholine (3i):**



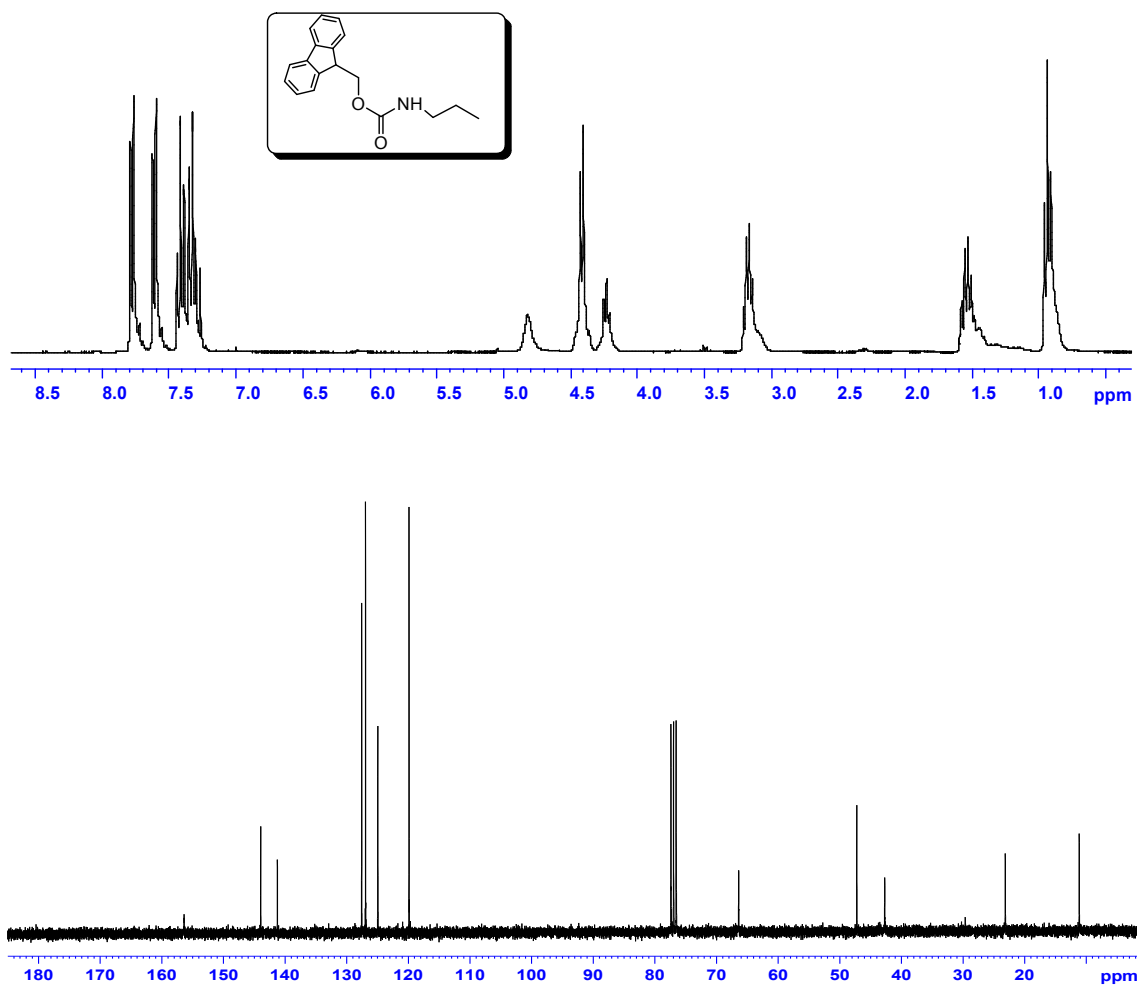
***N*-Fmoc-pyrrolidine (3j):**



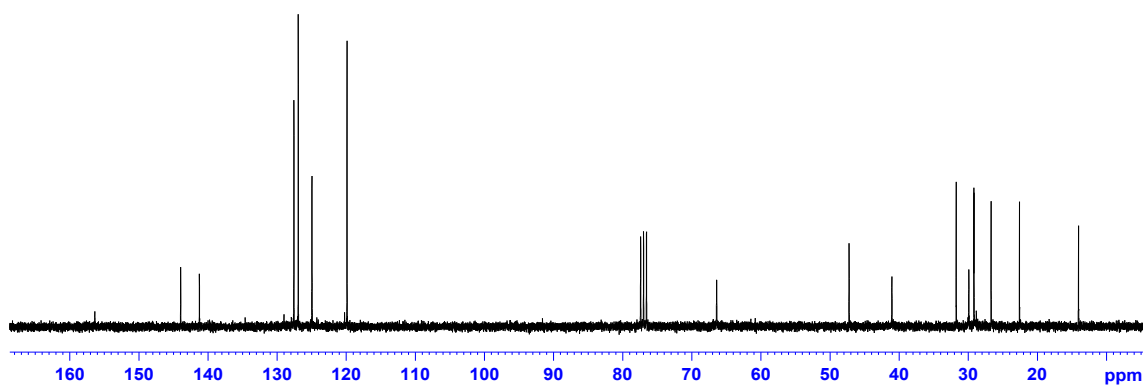
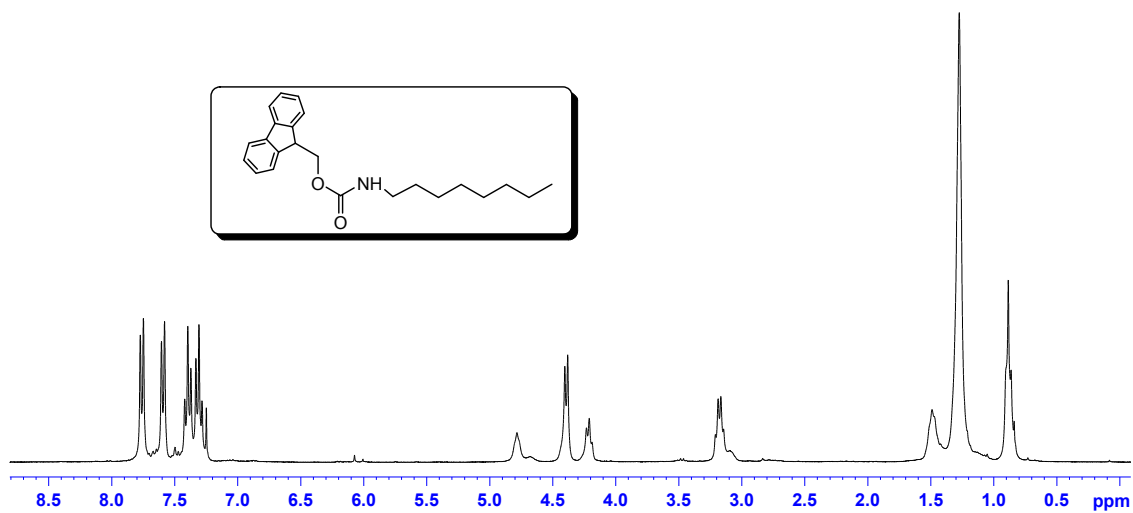
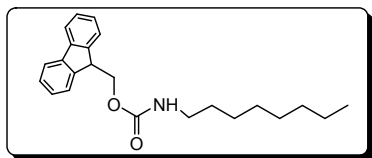
***N*-Fmoc-piperidine (3k):**



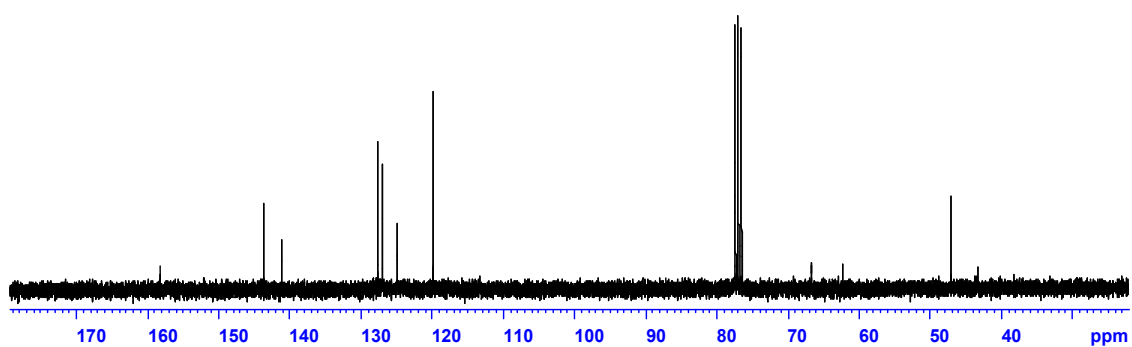
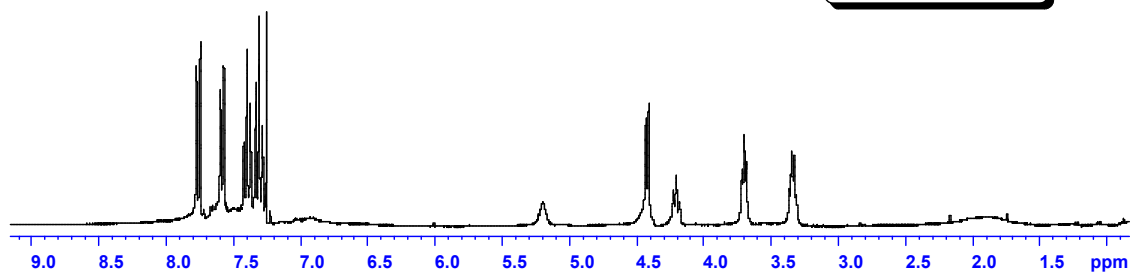
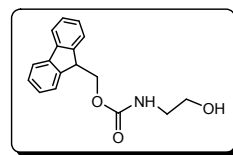
***N*-Fmoc-propylamine (3I):**



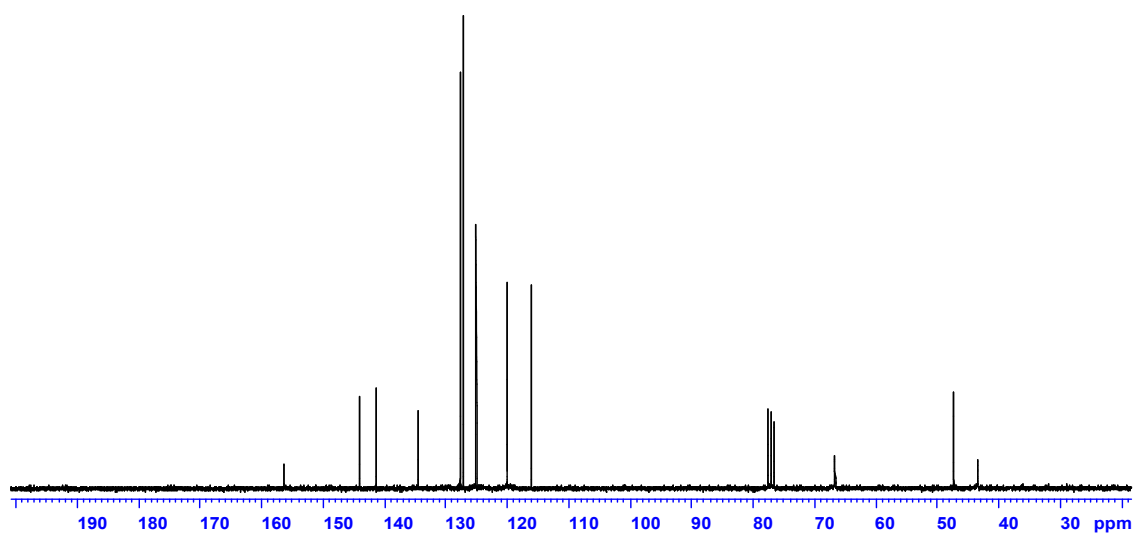
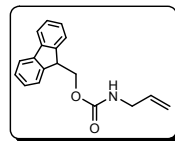
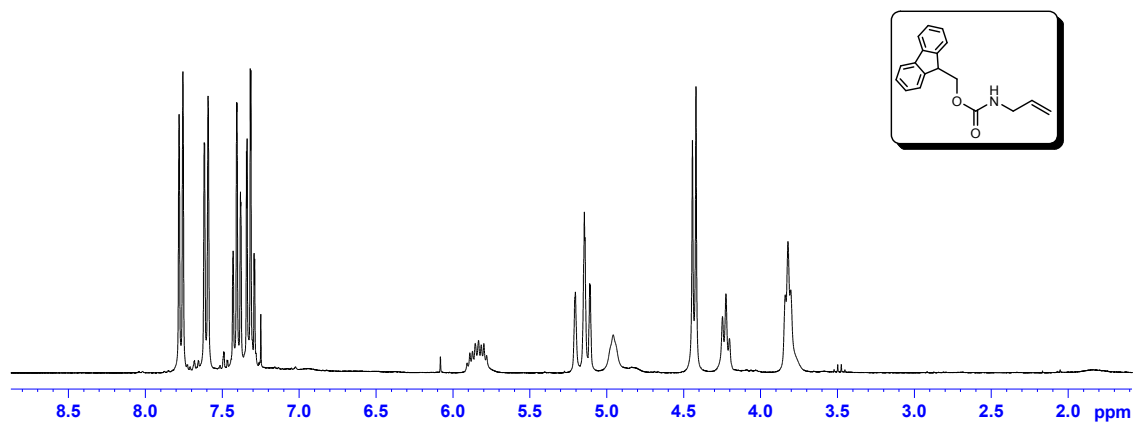
***N*-Fmoc-octylamine (3m):**



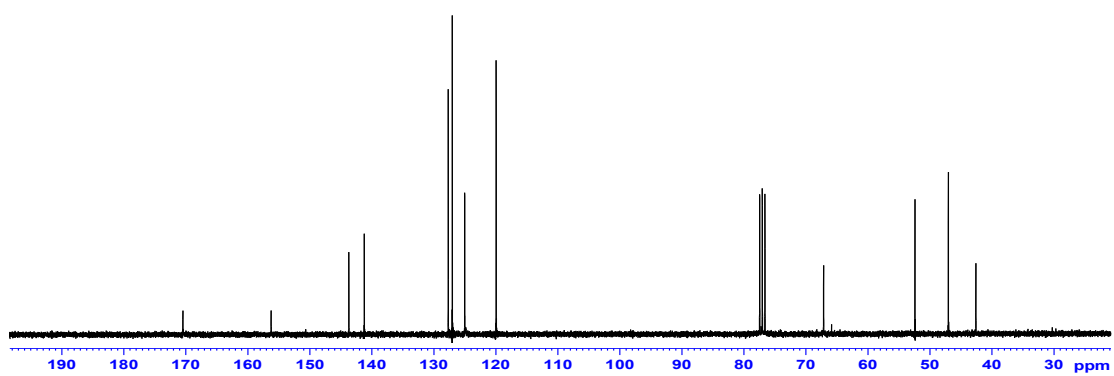
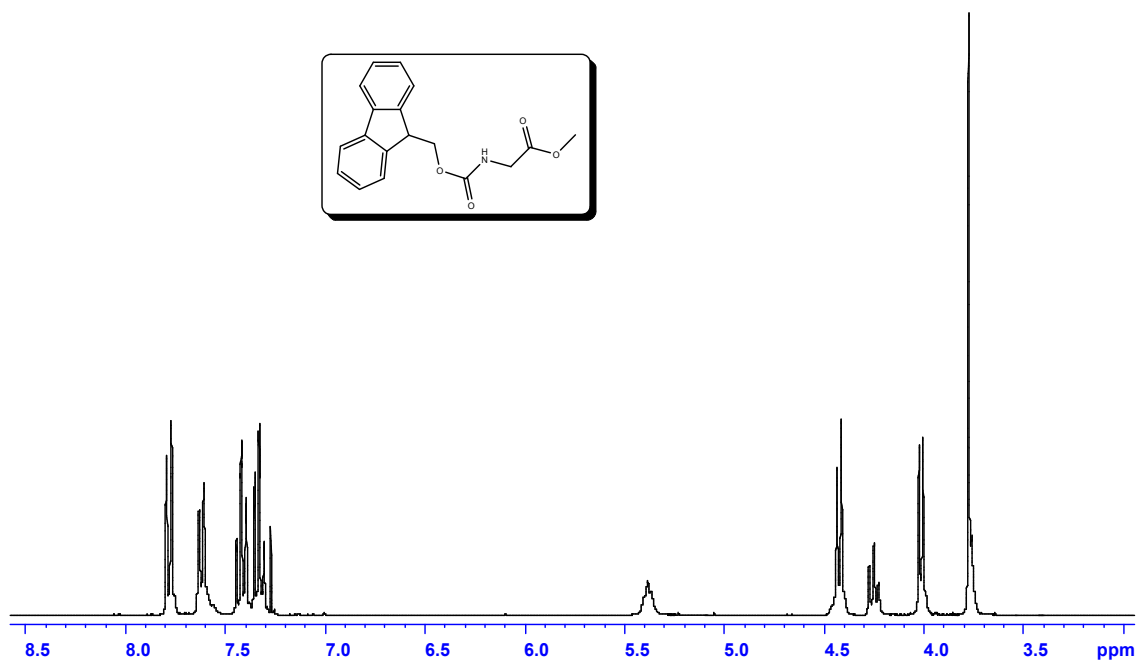
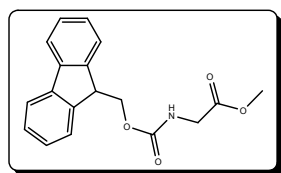
***N*-Fmoc-ethanolamine (3n):**



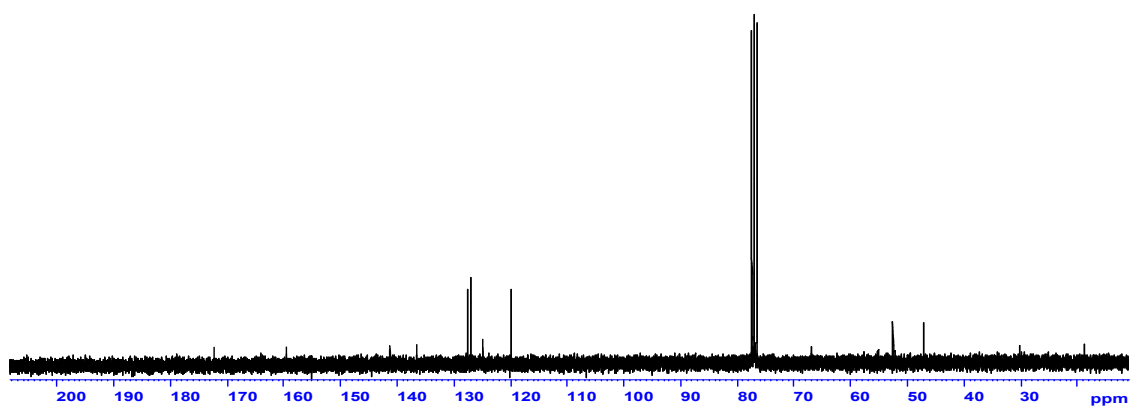
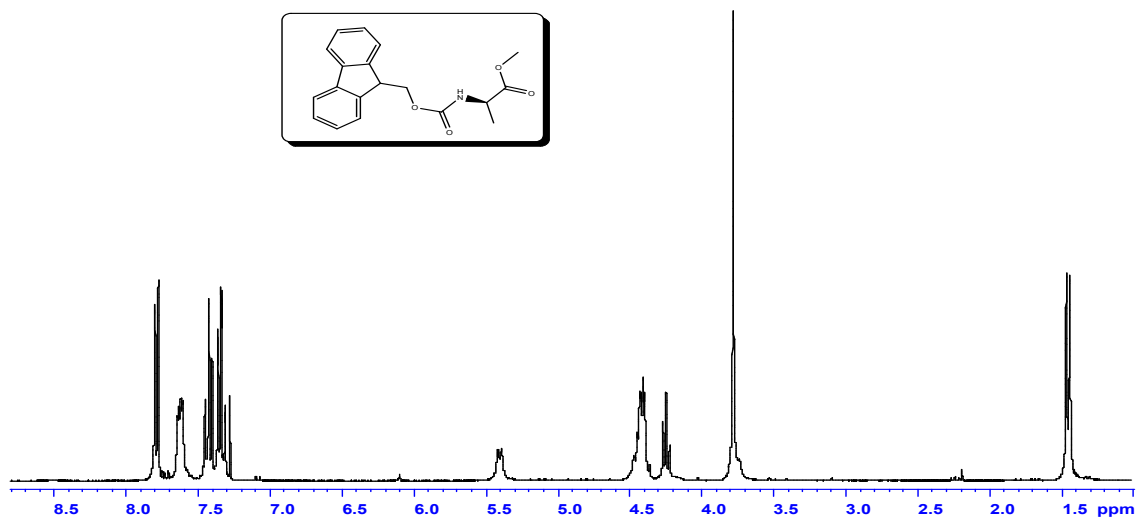
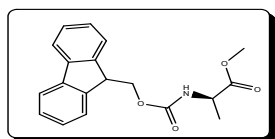
***N*-Fmoc-allylamine (3o):**



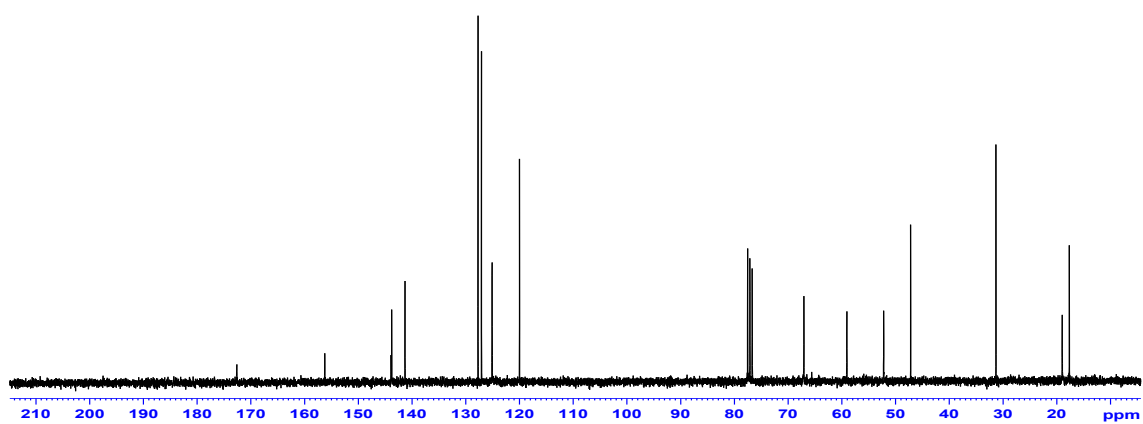
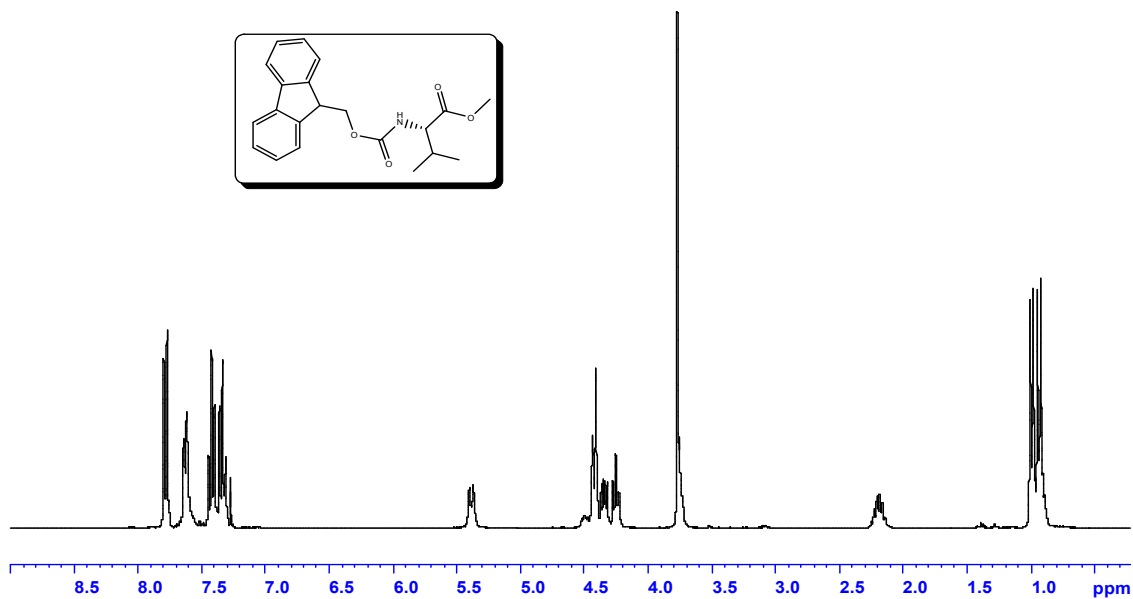
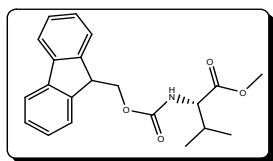
***N*-Fmoc-glycine methyl ester (3p):**



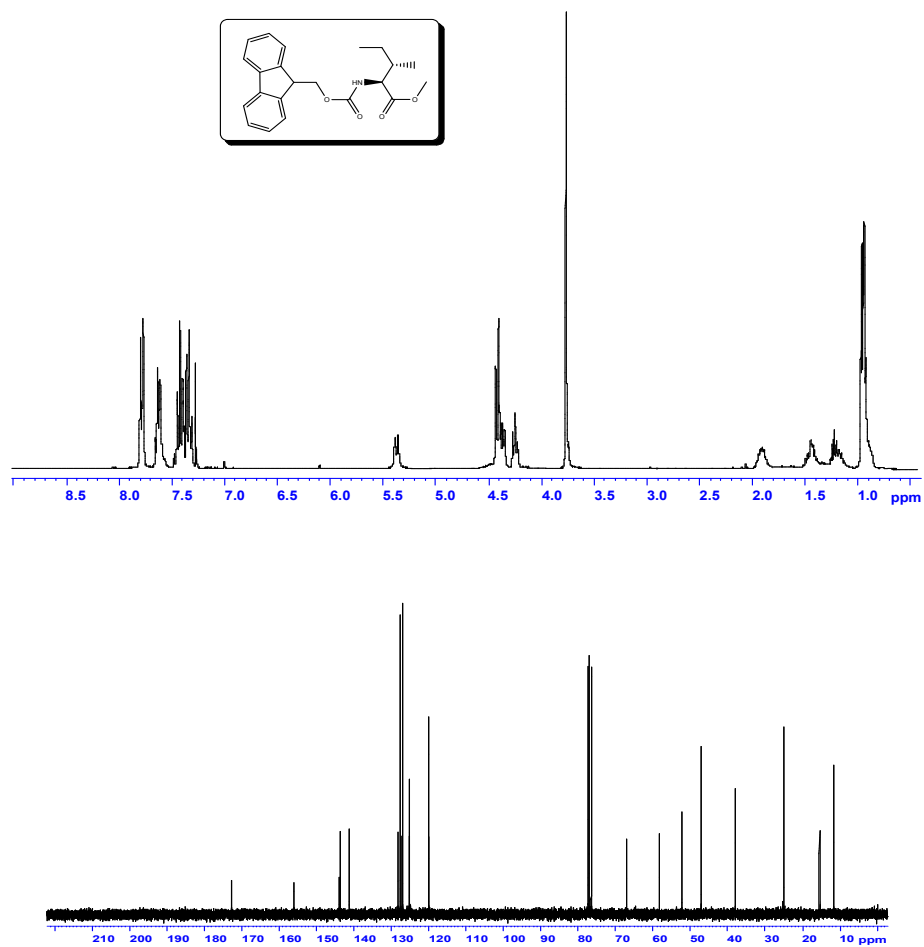
***N*-Fmoc-Alanine methyl ester (3q):**



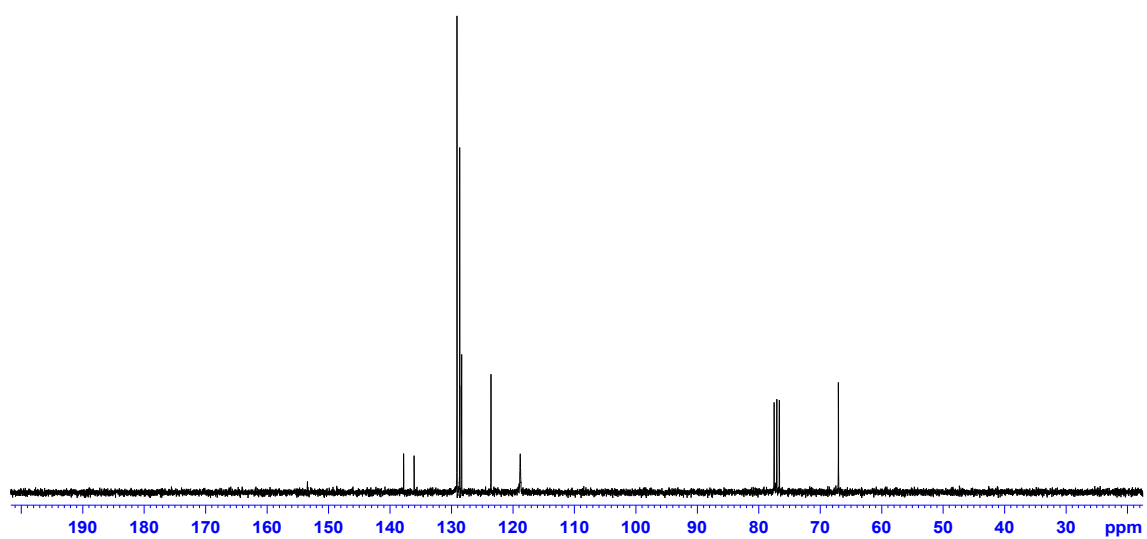
***N*-Fmoc-valine methyl ester (3r):**



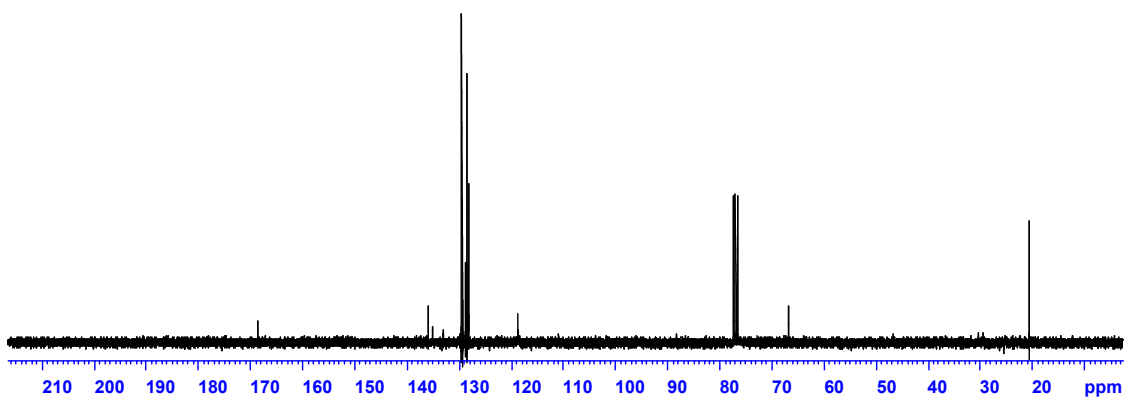
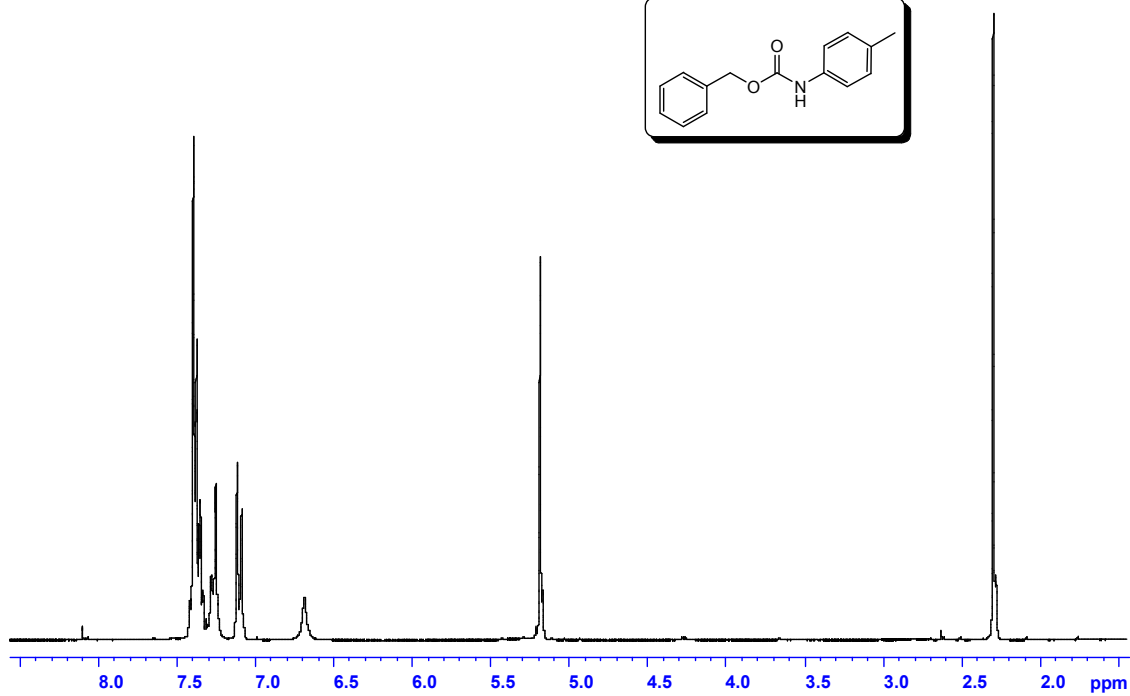
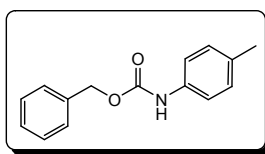
***N*-Fmoc-isoleucine methyl ester (3s):**



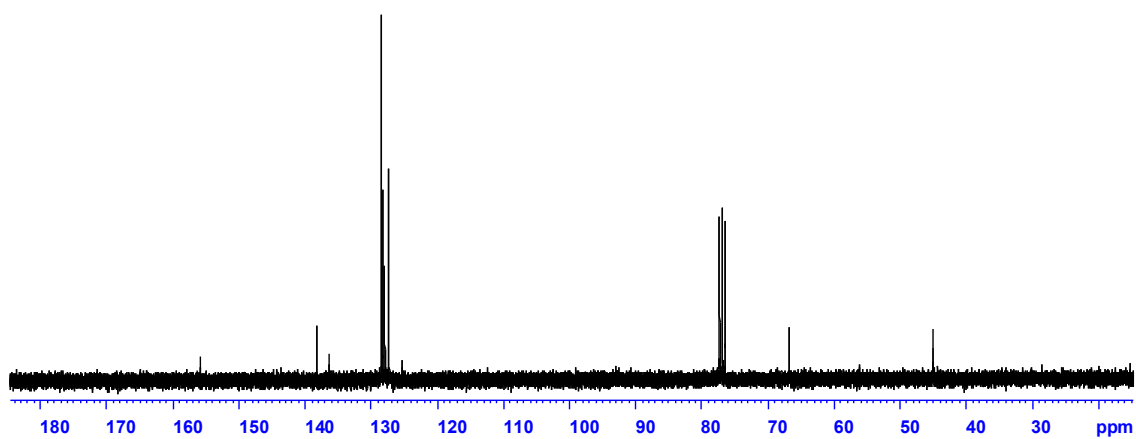
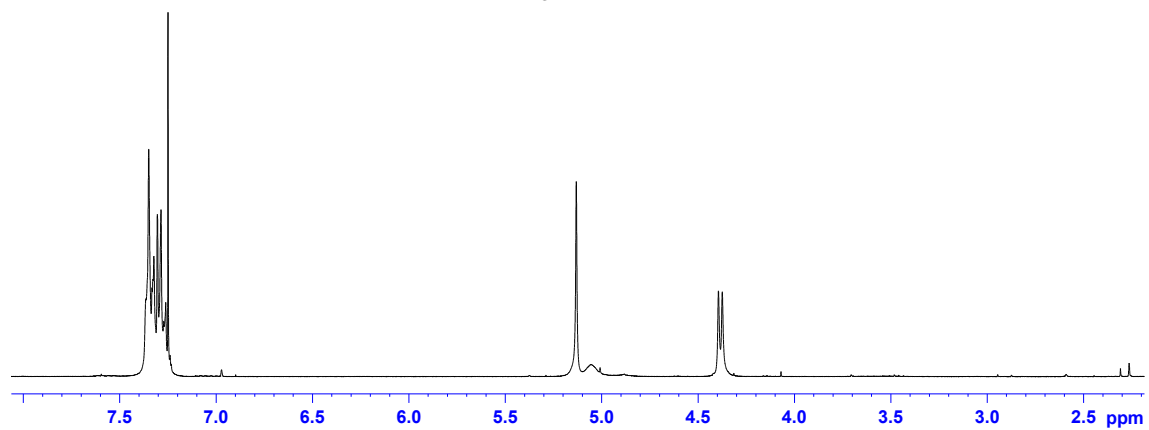
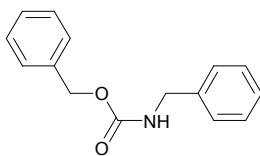
***N*-Cbz-aniline (4a):**



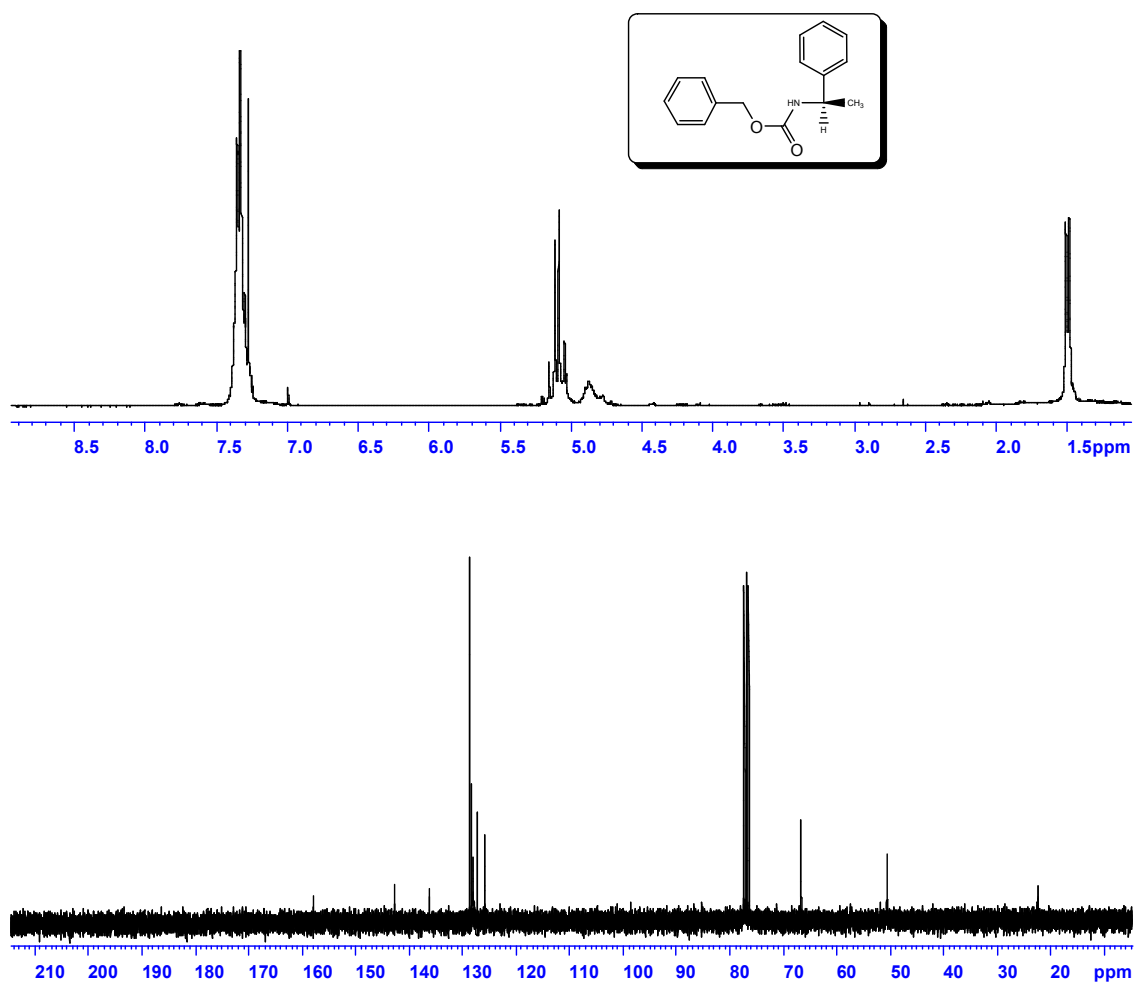
N- Benzyloxycarbonyl -4-methylaniline (4b):



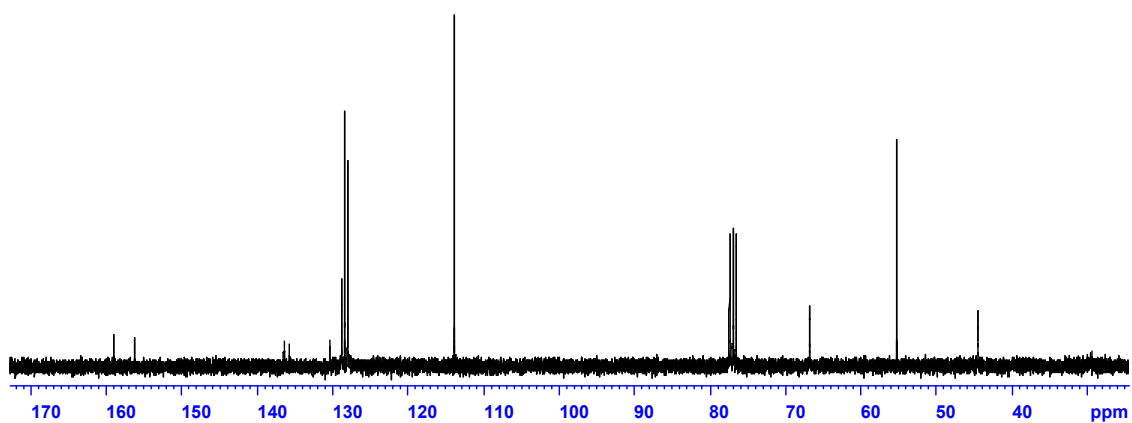
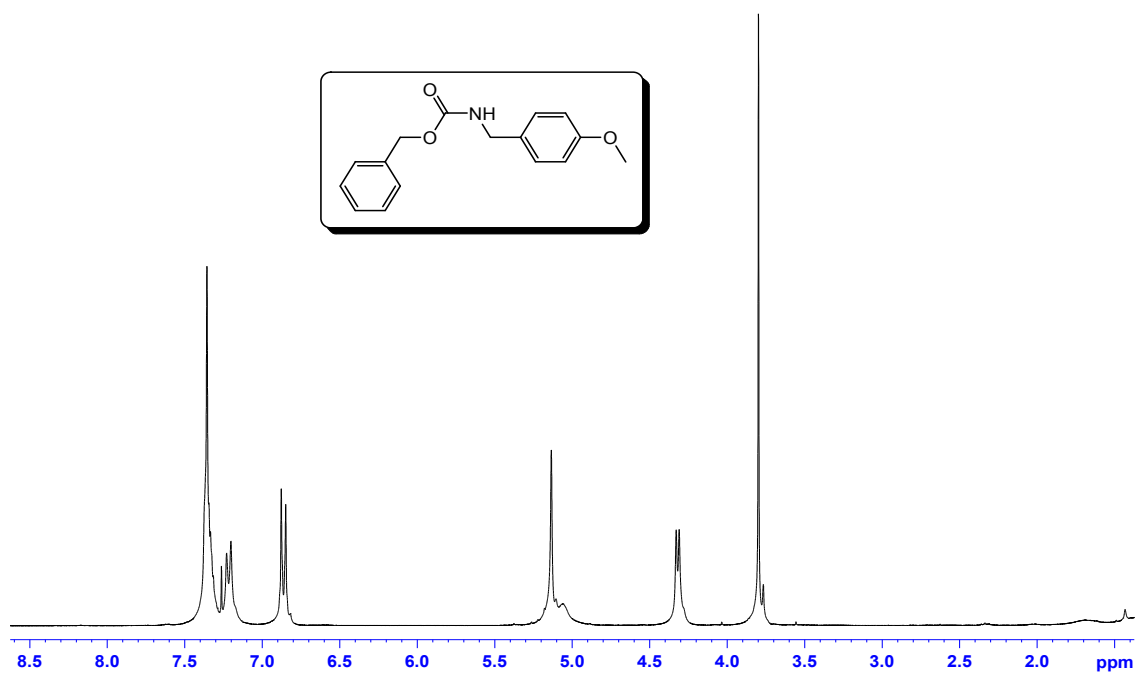
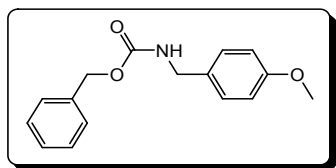
***N*-Benzyloxycarbonyl-benzylamine (4c):**



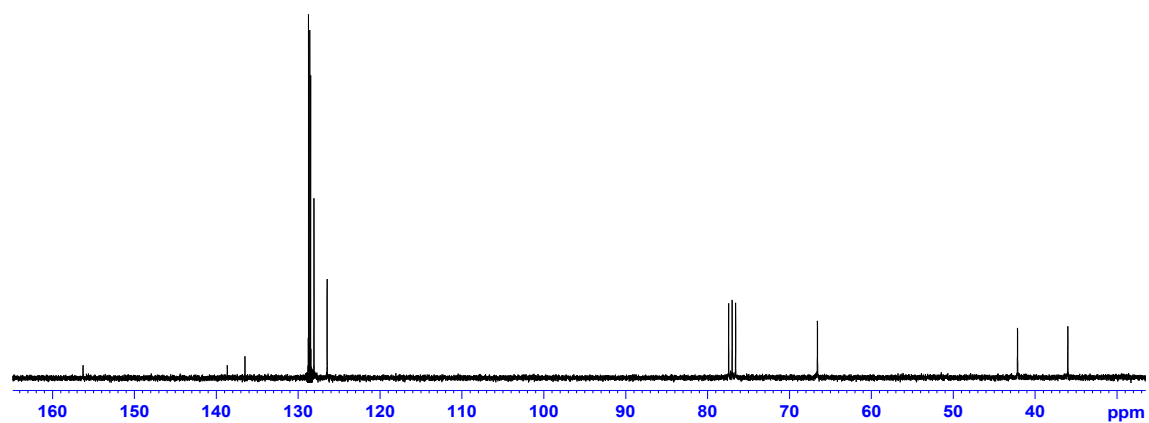
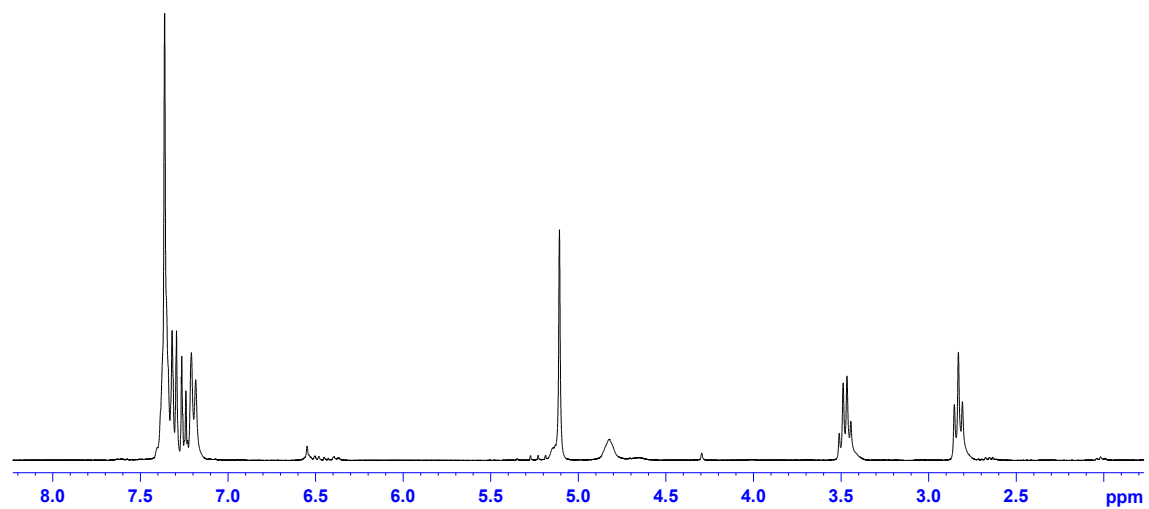
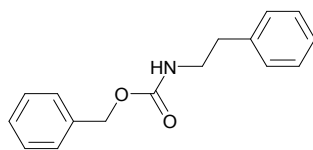
(S)-*N*-Benzyloxycarbonyl-1-phenylethylamine (4d):



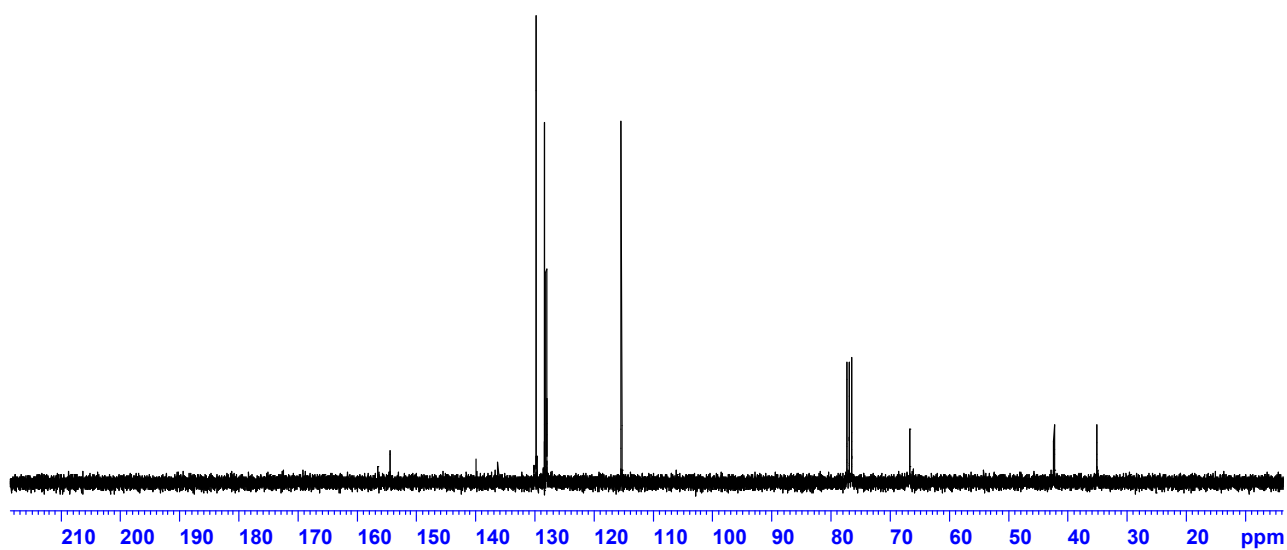
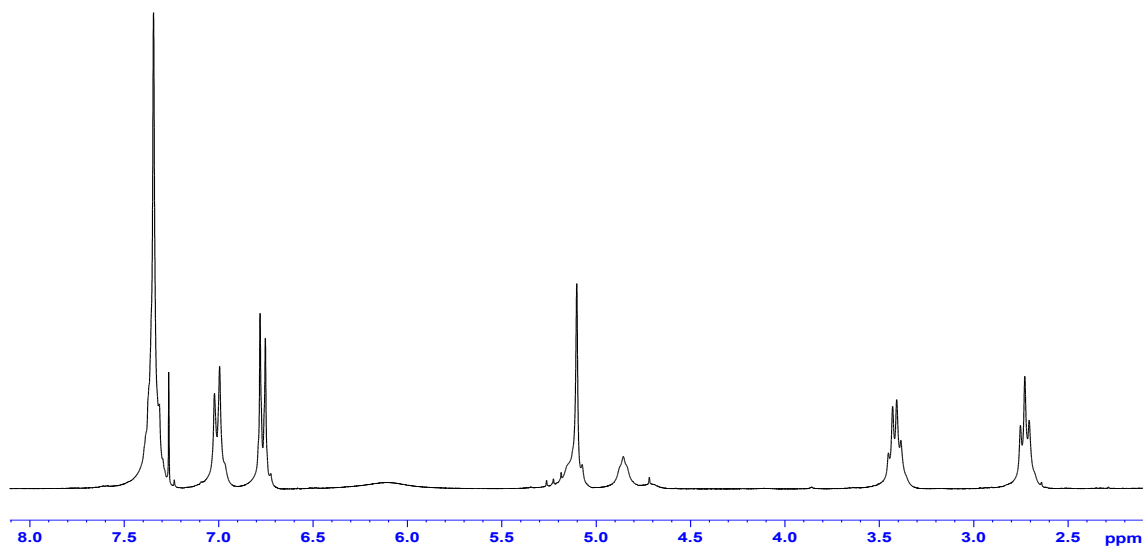
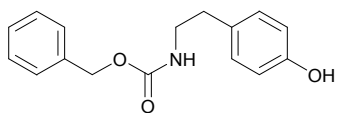
***N*- Benzyloxycarbonyl-4-methoxybenzylamine (4e):**



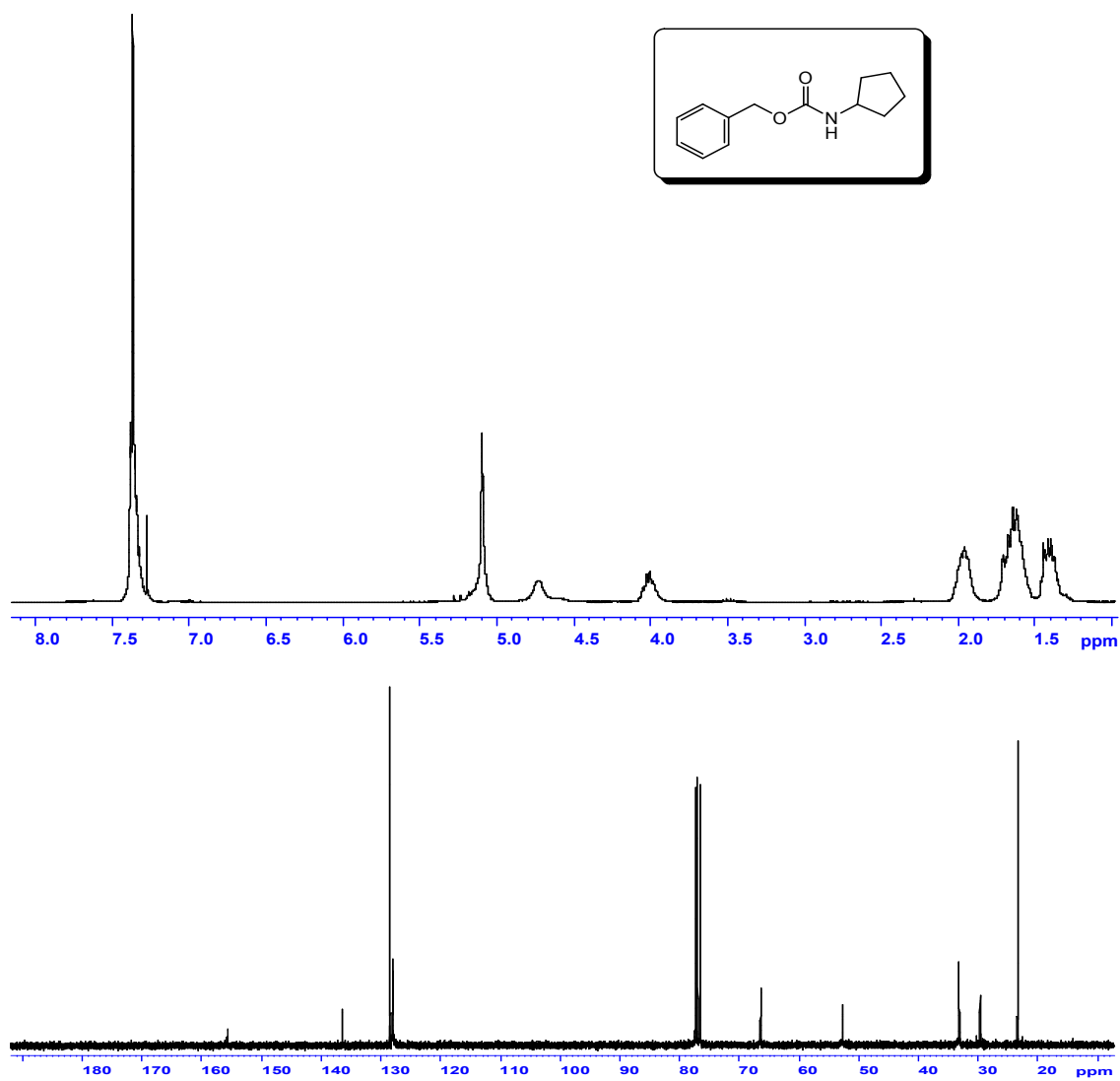
***N*-Benzyloxycarbonyl-2-phenylethylamine (4f):**



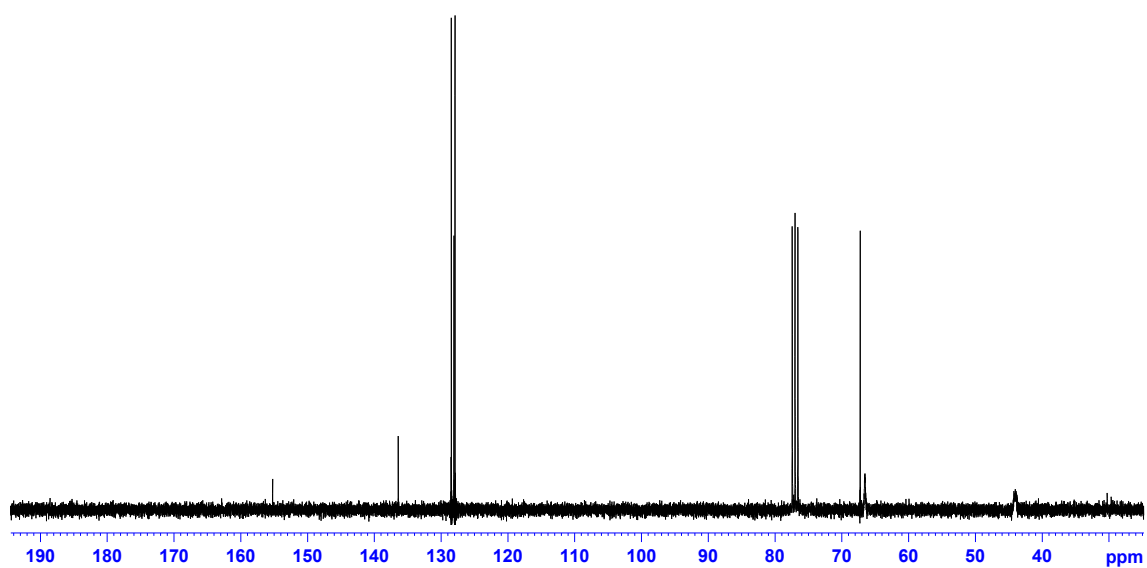
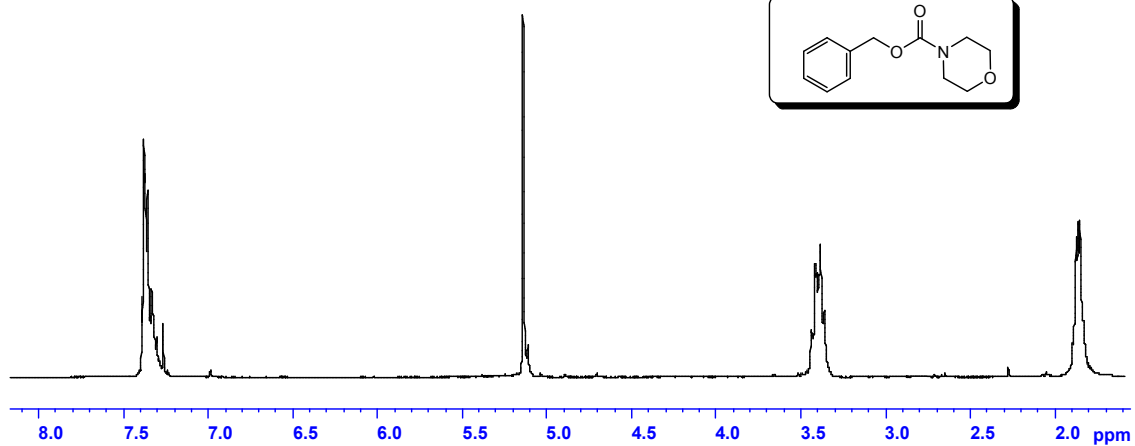
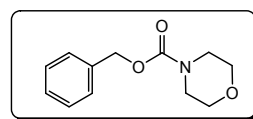
***N*-Benzyloxycarbonyl-tyramine (4g):**



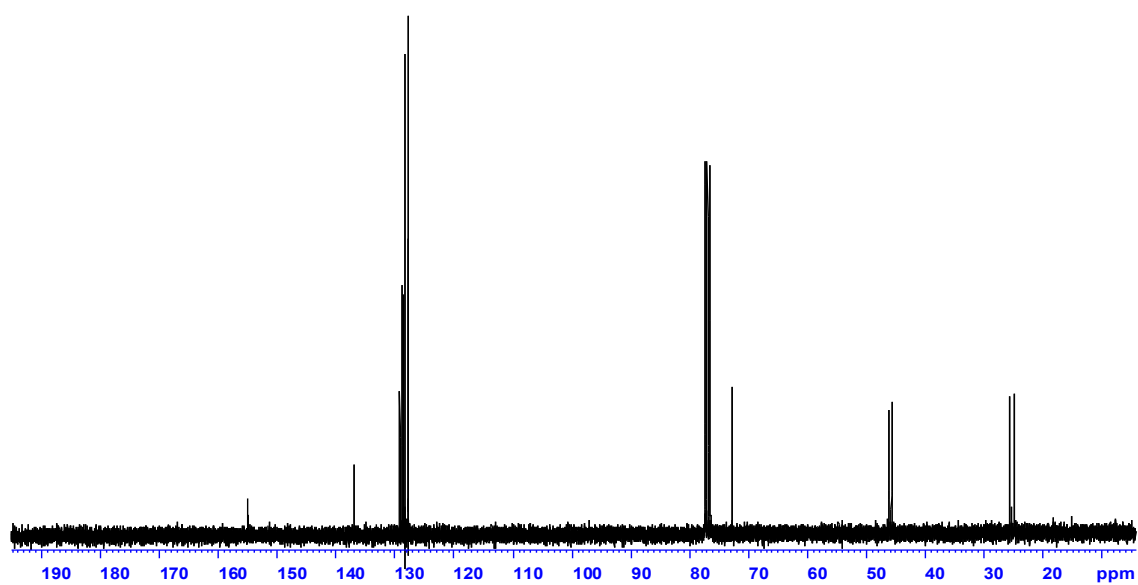
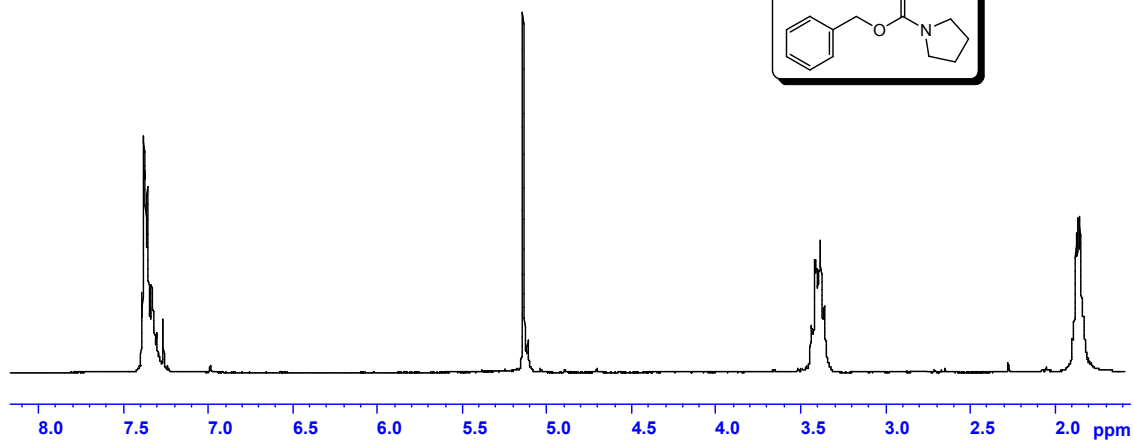
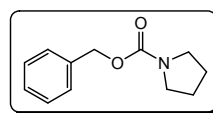
***N*-Benzyloxycarbonyl-cyclopentylamine (4h):**



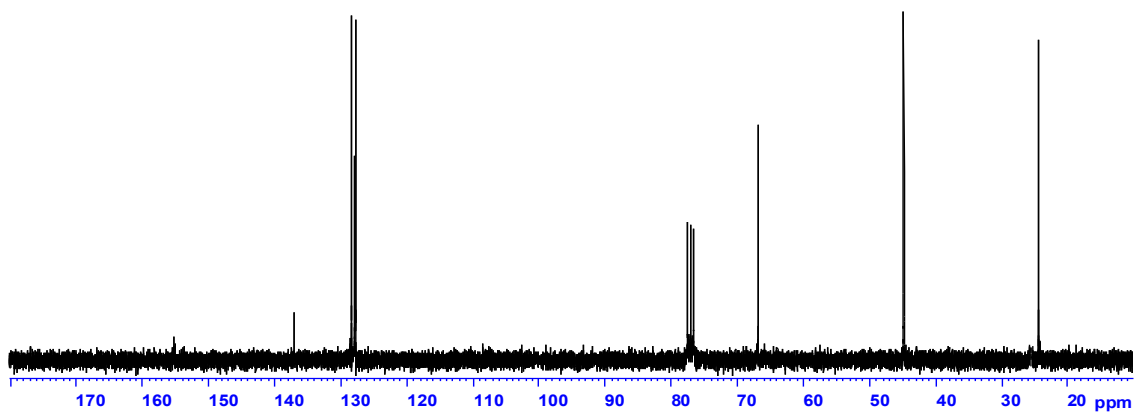
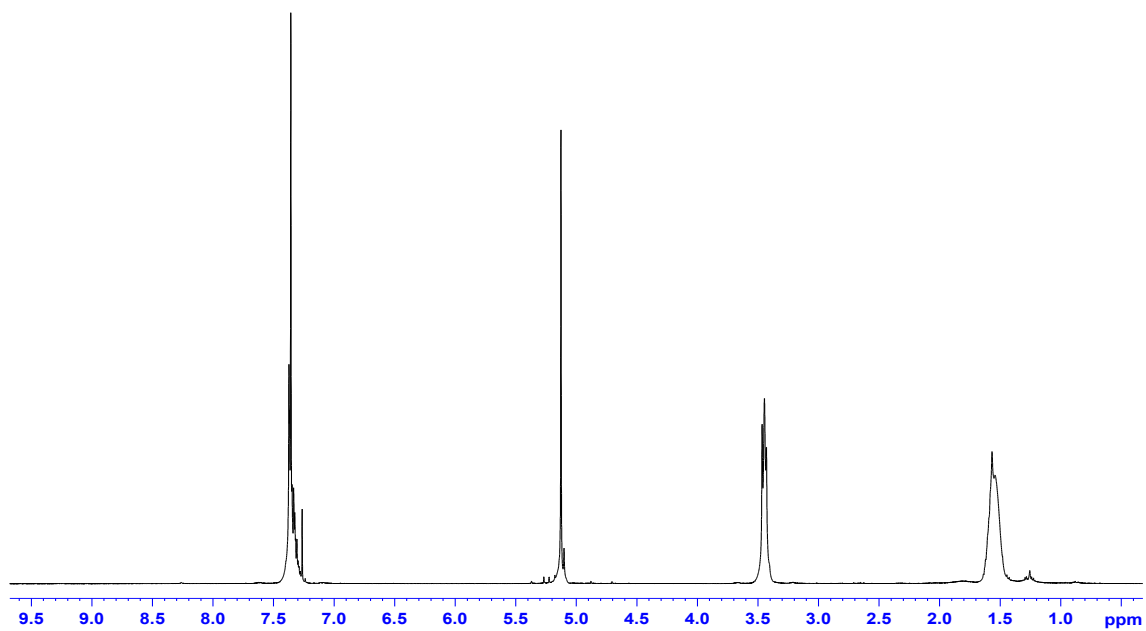
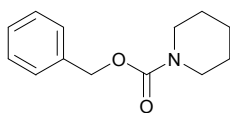
***N*-Benzyloxycarbonyl-morpholine (4i):**



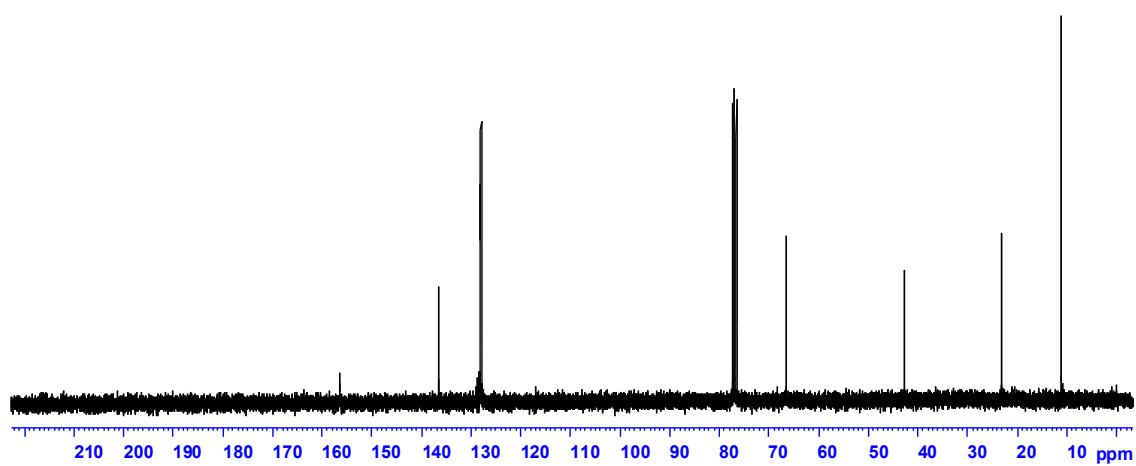
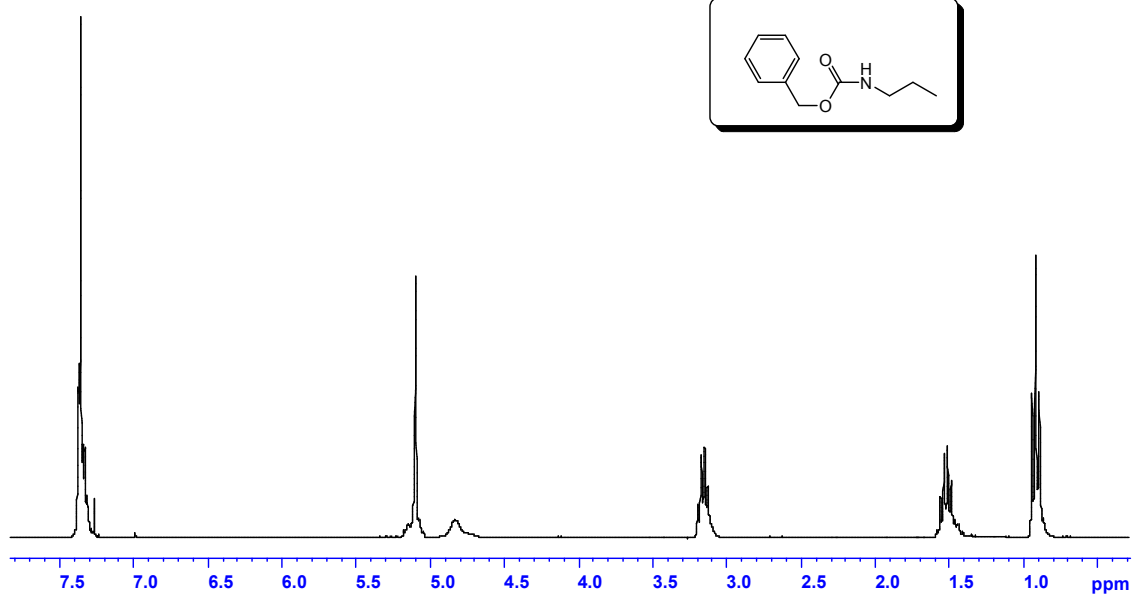
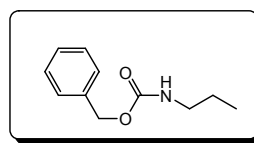
N-Benzyloxycarbonyl-pyrrolidine (4j):



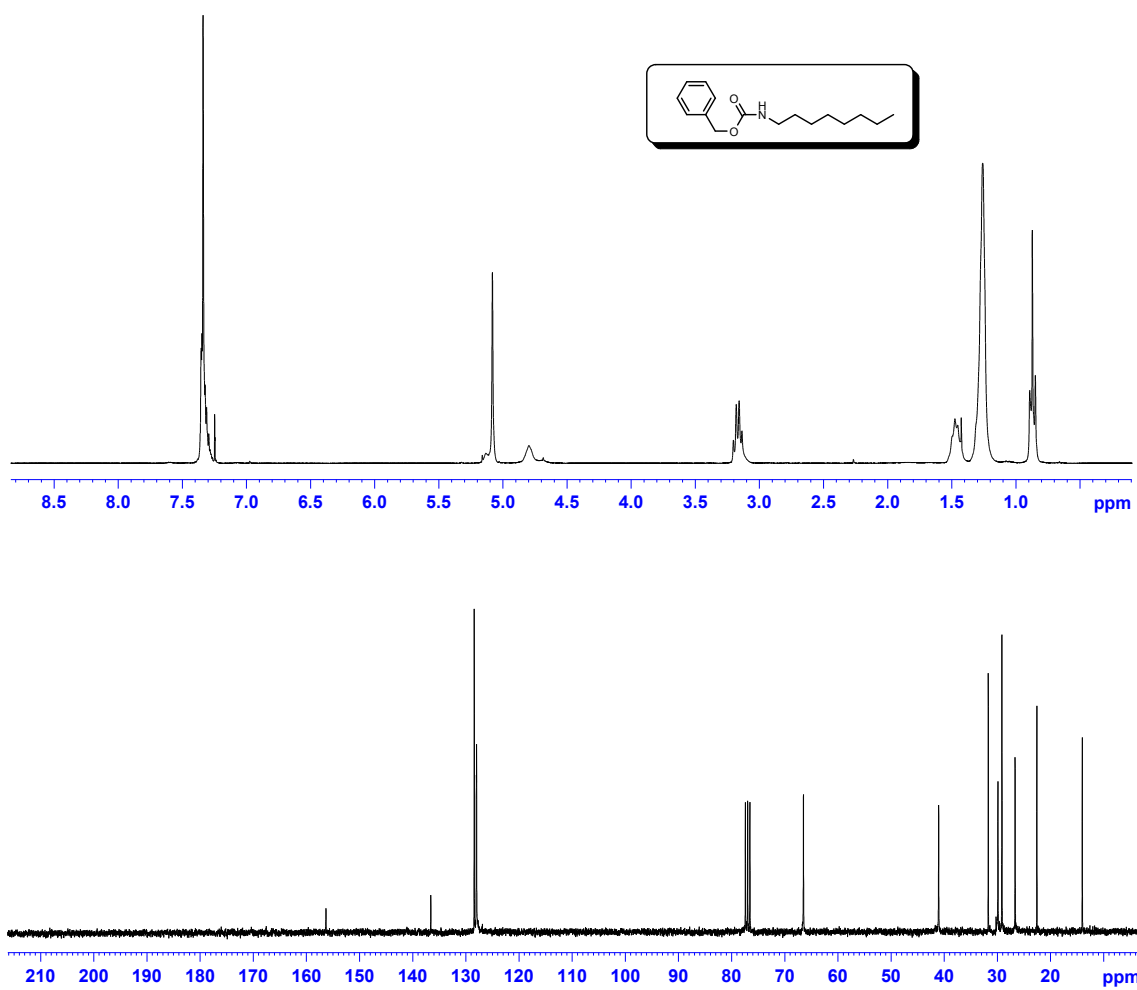
***N*-Benzyloxycarbonyl-piperidine (4k):**



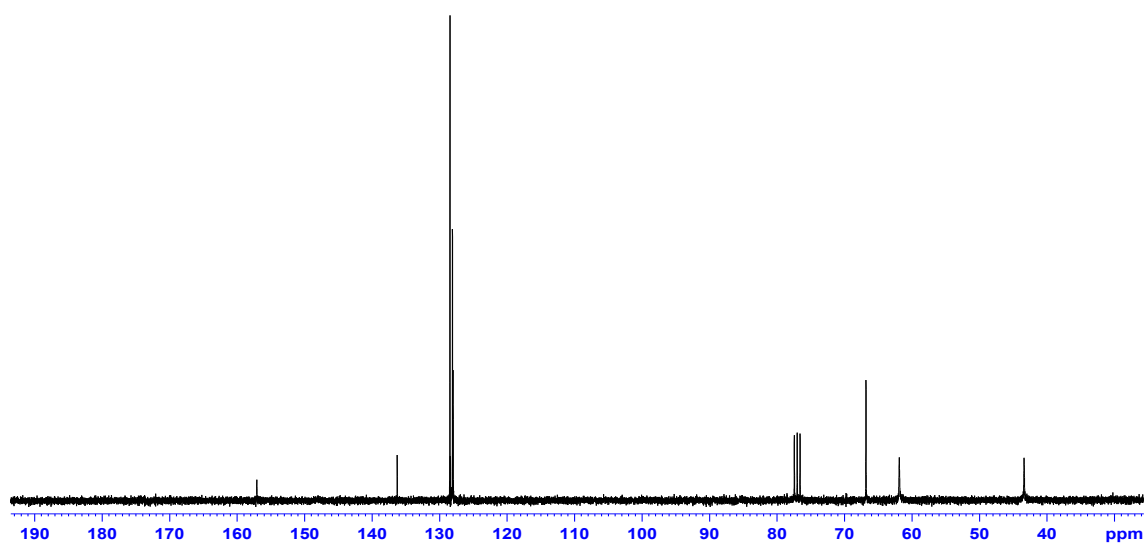
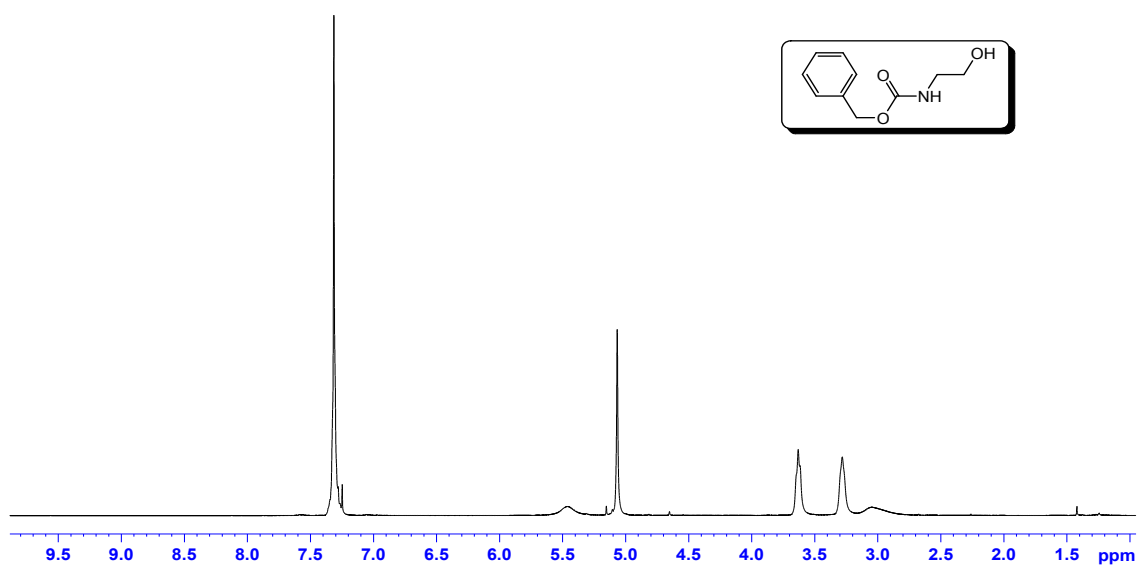
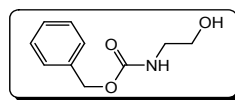
***N*-Benzyloxycarbonyl-propylamine (4l):**



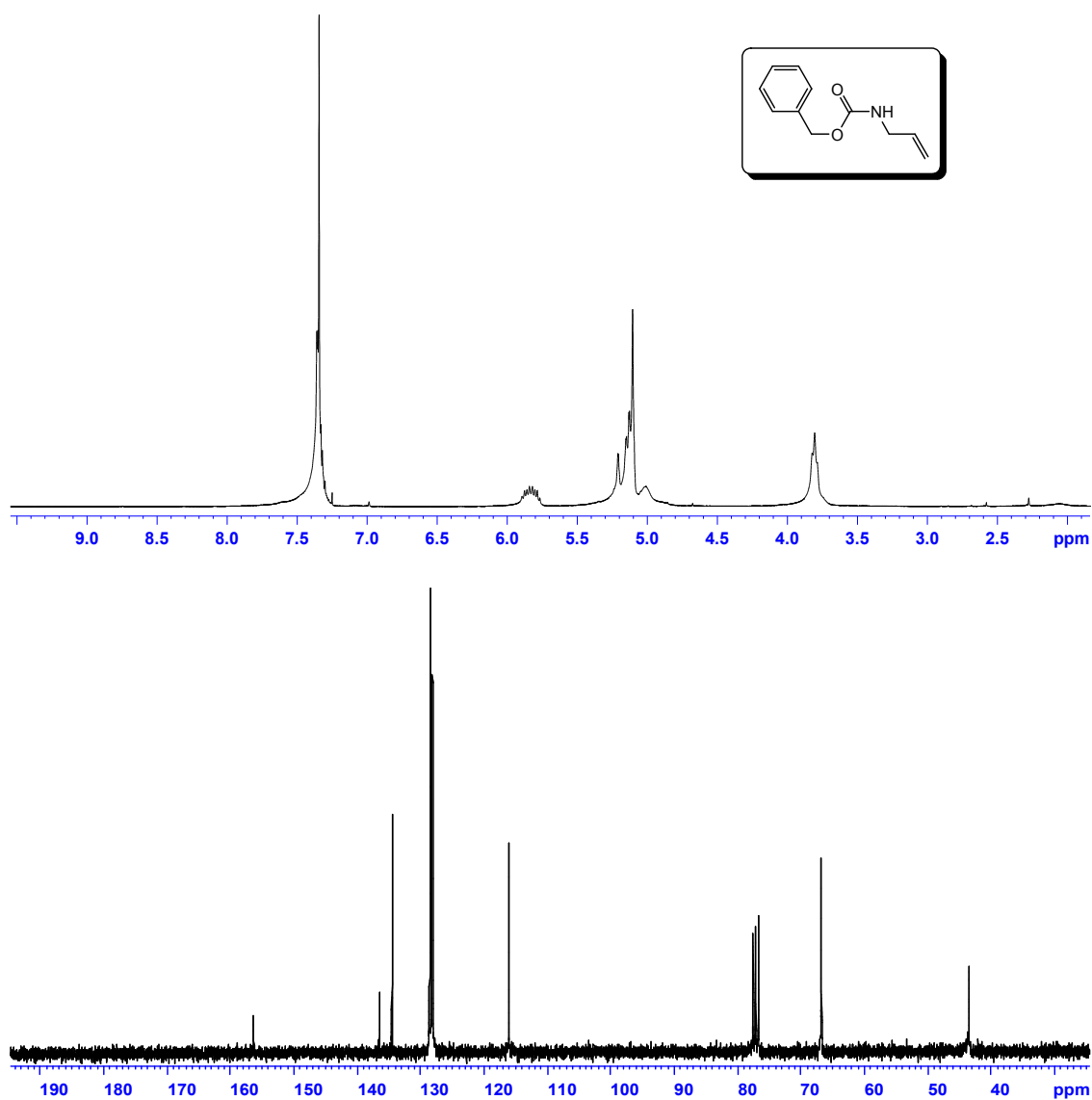
***N*-Benzyloxycarbonyl-octylamine (4m):**



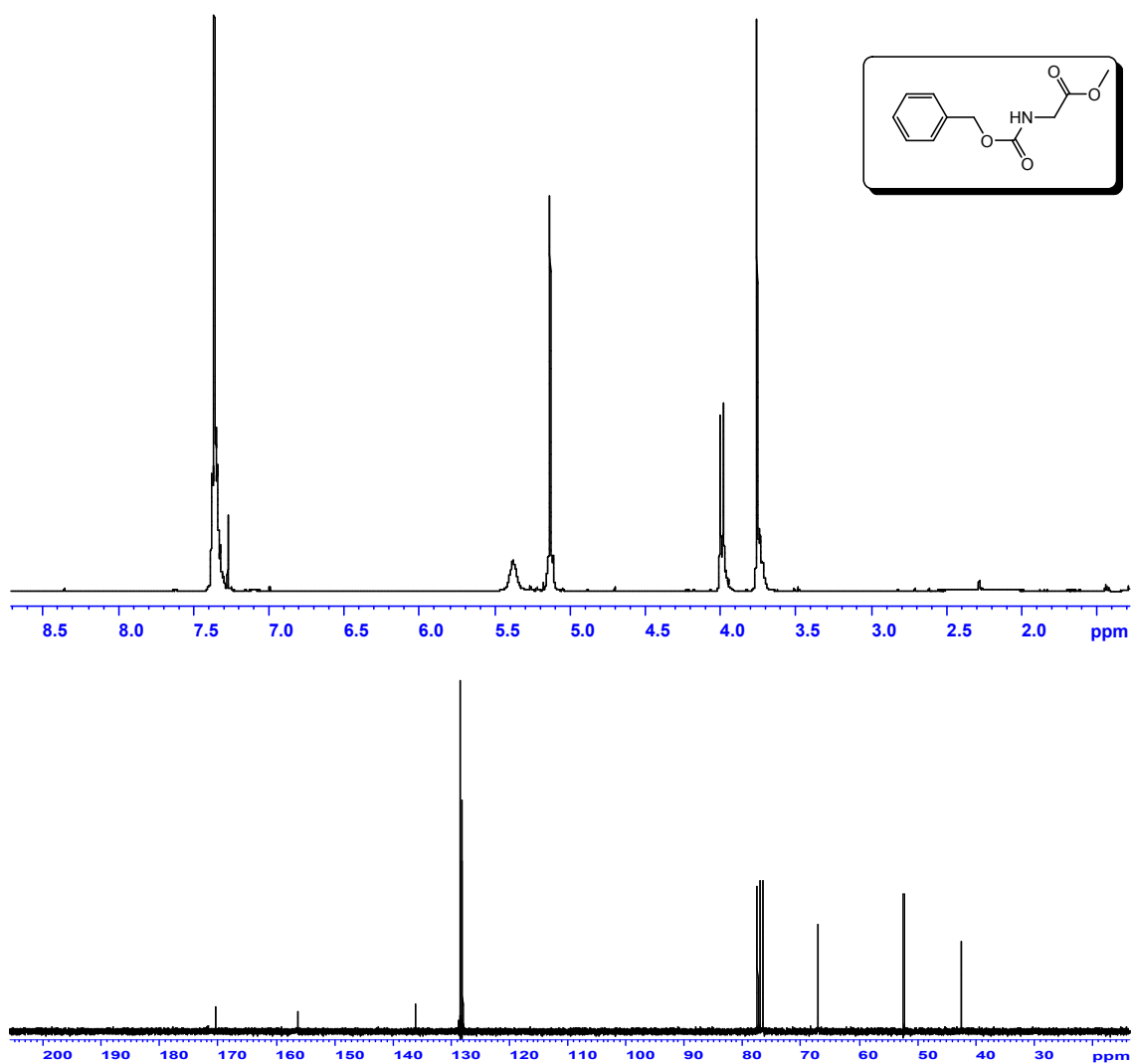
***N*-Benzyloxycarbonyl-ethanolamine (4n):**



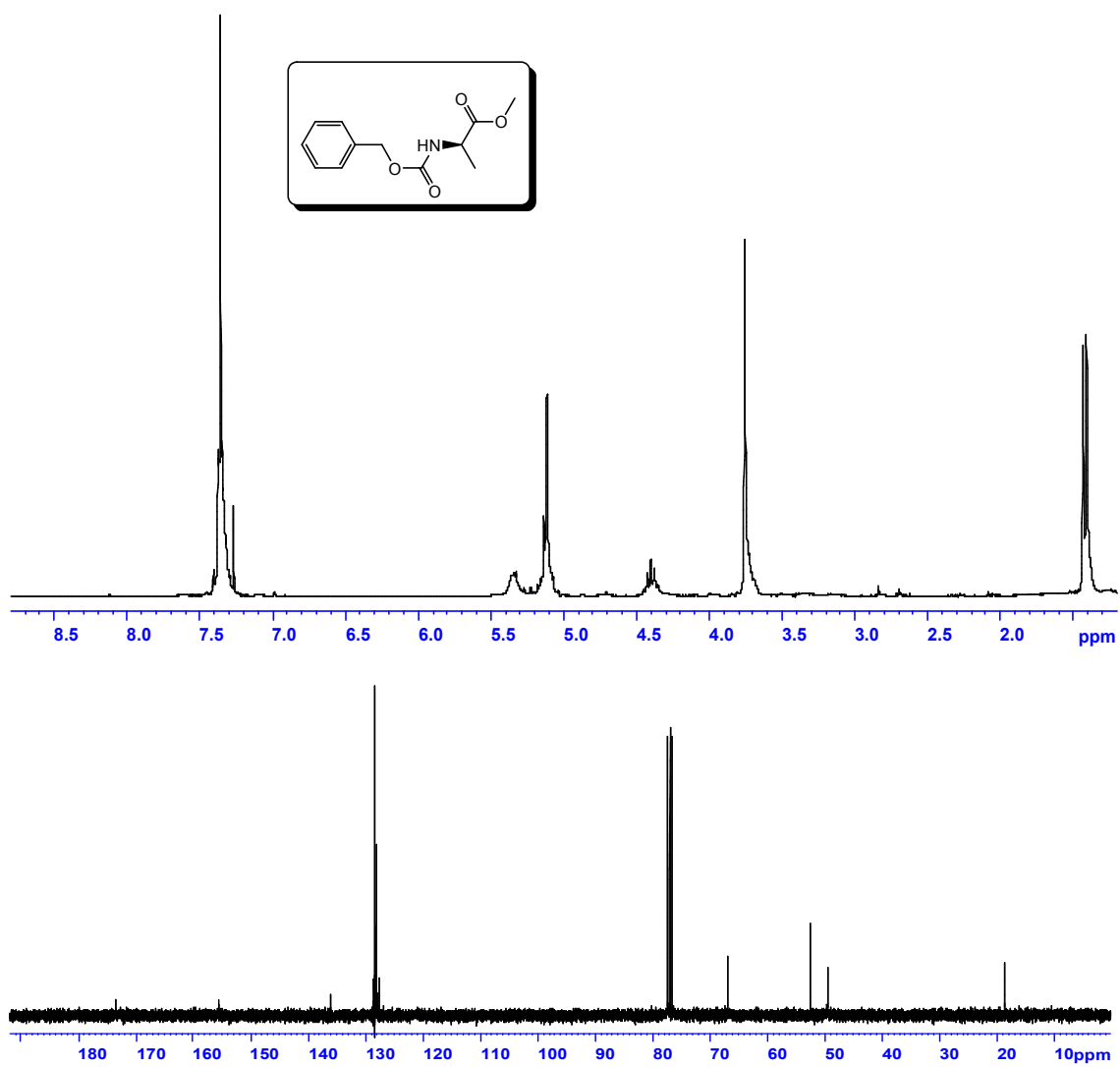
***N*-Benzyloxycarbonyl-allylamine (4o):**



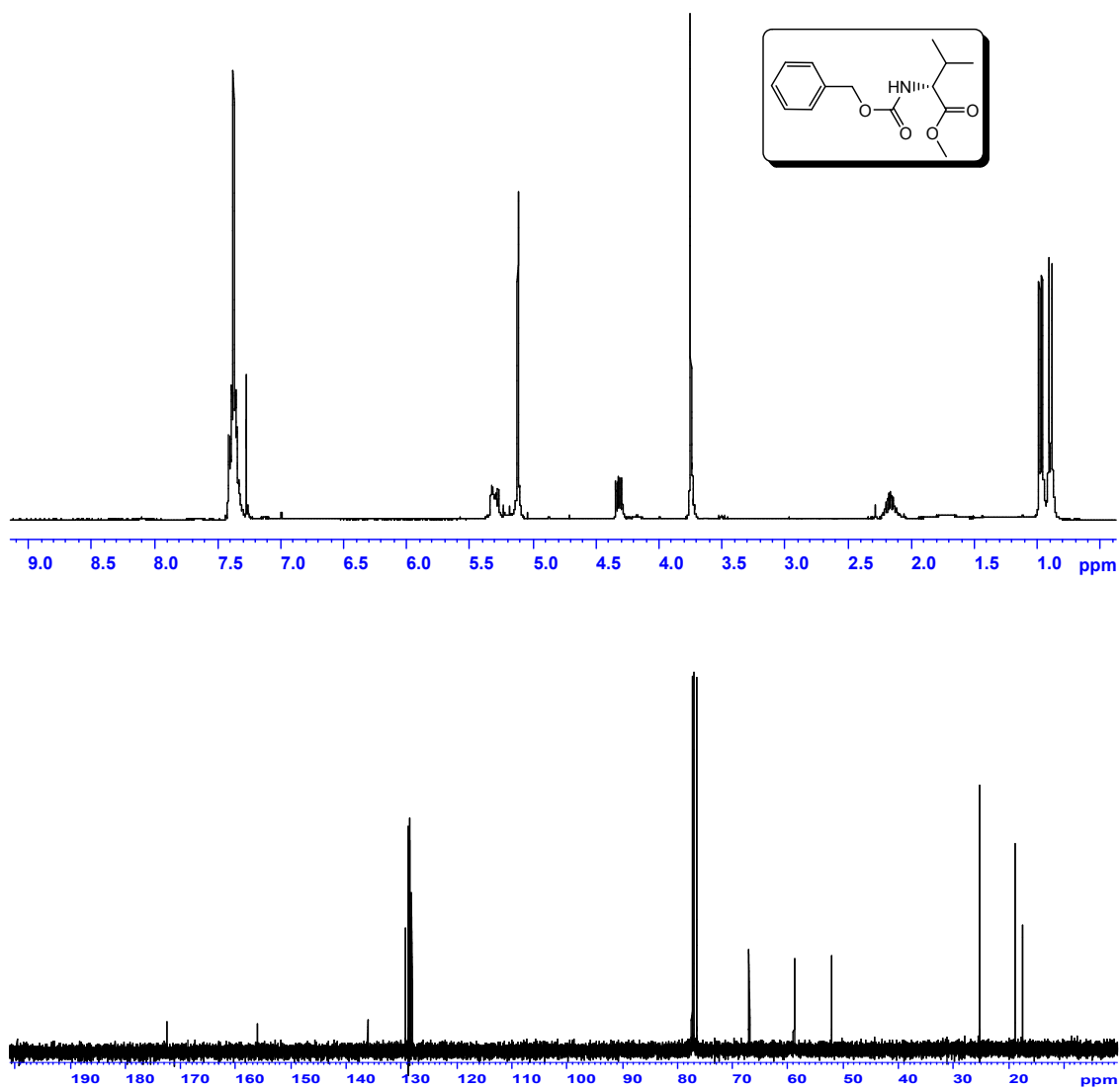
***N*-Benzyloxycarbonyl- glycine methyl ester (4p):**



***N*-Benzyloxycarbonyl-alanine methyl ester (4q):**



N-Benzyloxycarbonyl-valine methyl ester (5r):



***N*-Benzyloxycarbonyl-isoleucine methyl ester (5s):**

