

Supporting Information To:

Functionalization of biphenylcarbazole (CBP) with siloxane-hybrid chains for solvent-free liquid materials

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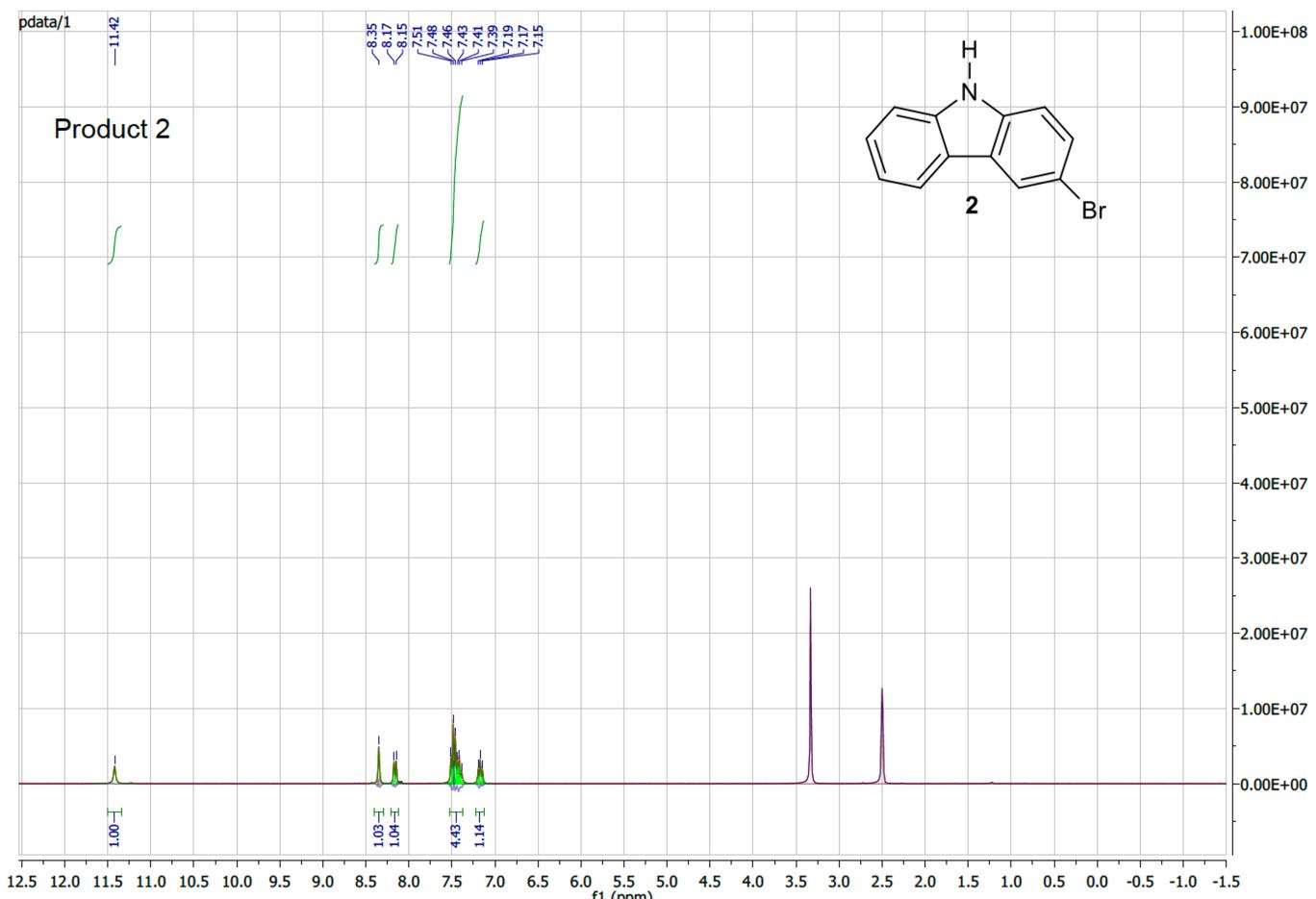
* Corresponding authors

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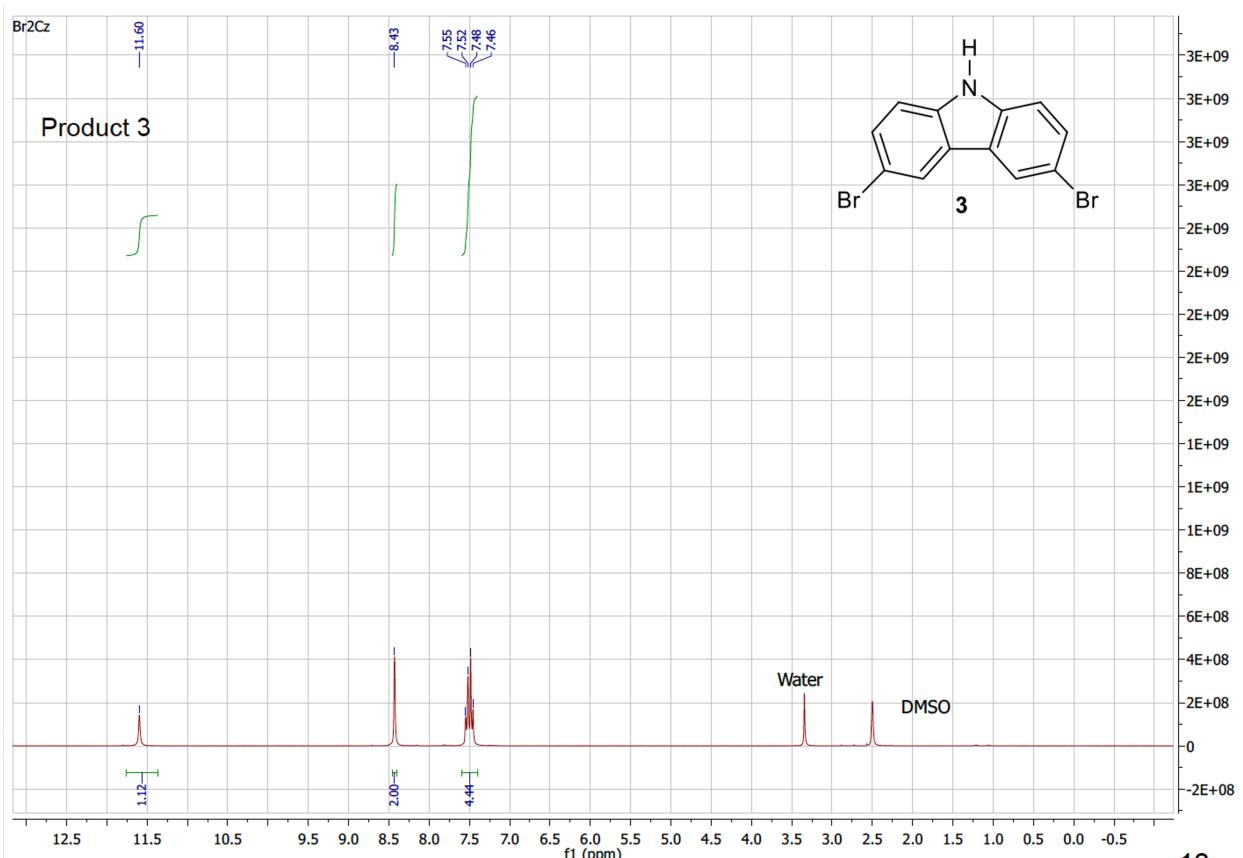
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¹H and ¹³C NMR spectra were recorded on a Bruker Avance 300 and a Bruker 400 Ultrashield™ NMR spectrometers, with an internal lock on the 2H-signal of the solvent. Chemical shifts (δ) are given in ppm to the nearest 0.01 (¹H) or 0.1 ppm (¹³C{¹H}NMR) (recorded with complete proton decoupling and written as ¹³C in the experimental part for simplicity). The coupling constants (J) are given in Hertz (Hz). The signals are reported as follows: (s = singlet, d = doublet, t = triplet, quint = quintet, m = multiplet). Mass spectra analyses were performed by using a Maldi-TOF or GC/MS. The former were carried out on a time-of-flight mass spectrometer (MALDI-TOF-TOF Autoflex II TOF-TOF, Bruker Daltonics, Bremen, Germany) equipped with a nitrogen laser ($\lambda = 337$ nm). The latter was carried out on a gas chromatograph coupled with an electron ionization mass spectrometer 7090-5975C from Agilent Technologies.

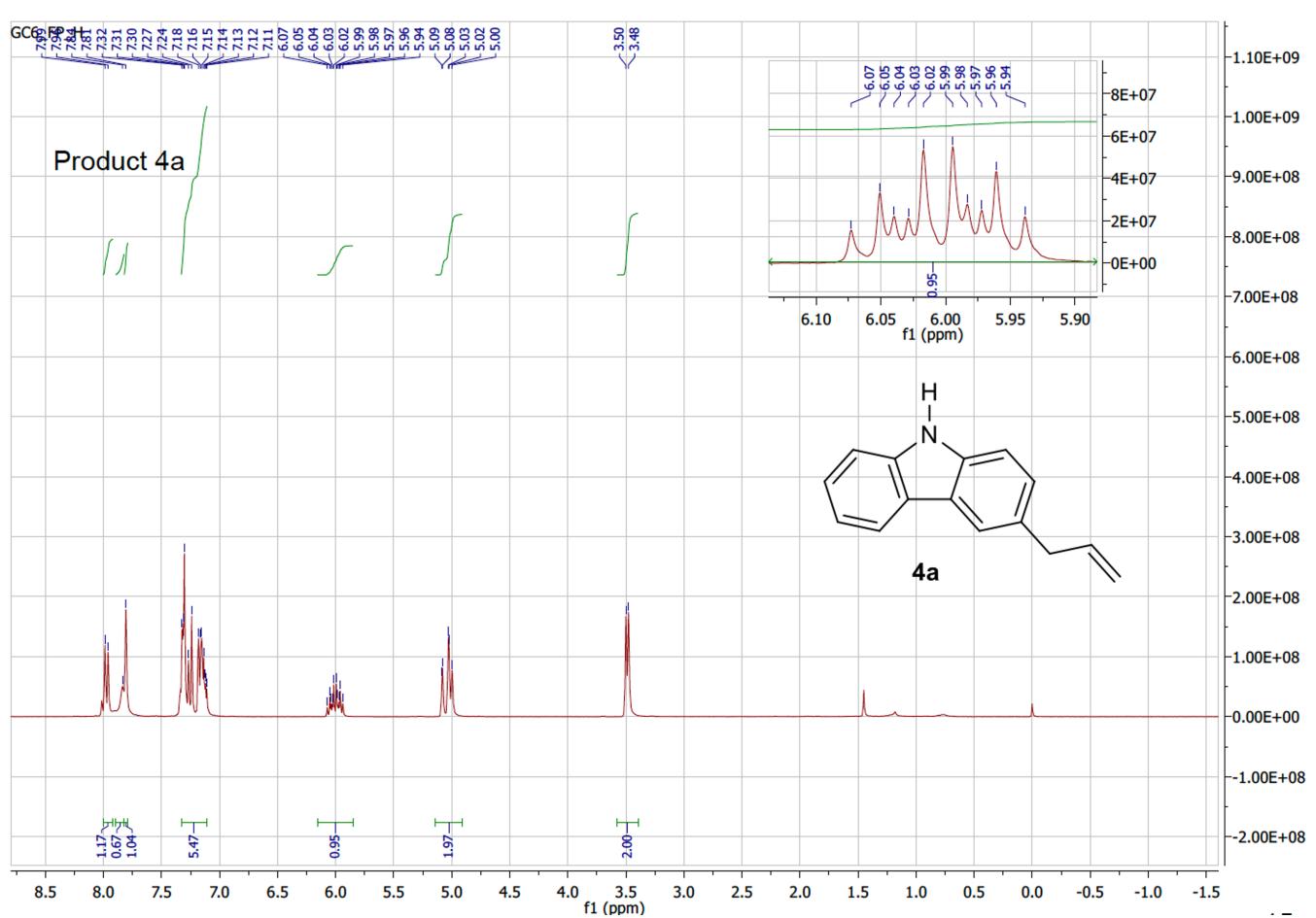
¹H NMR of (2)



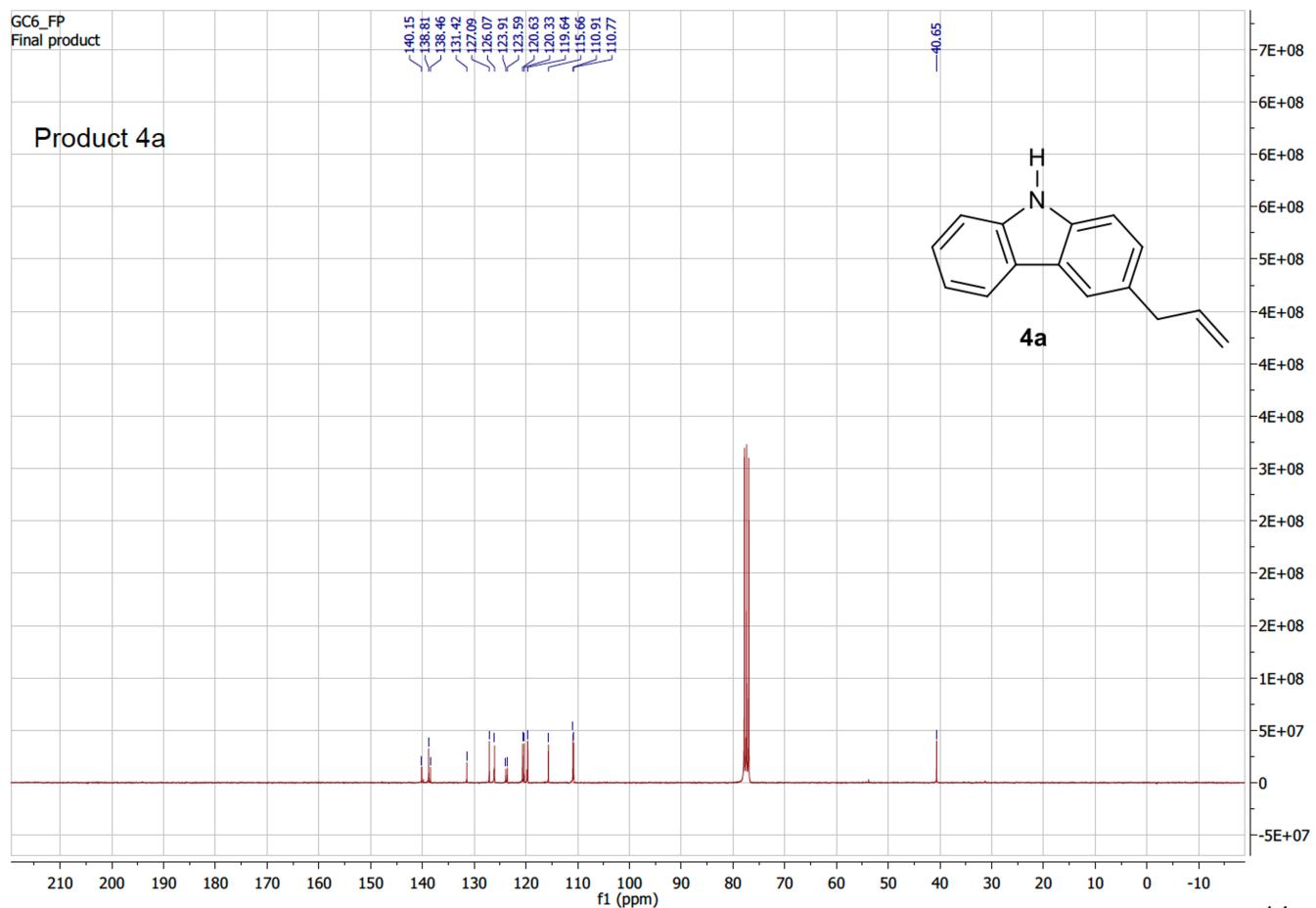
¹H NMR of (3)



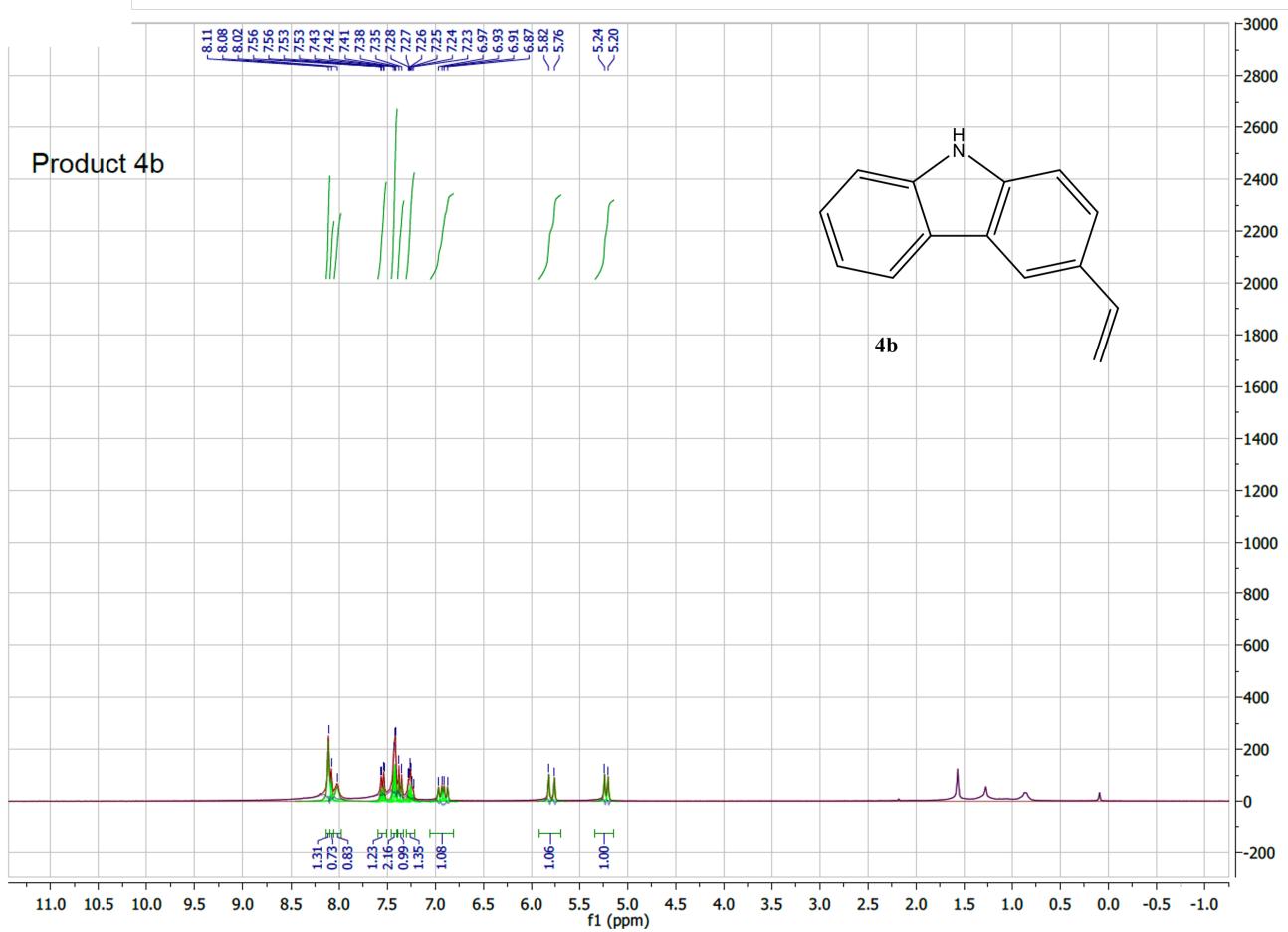
¹H NMR of (4a)



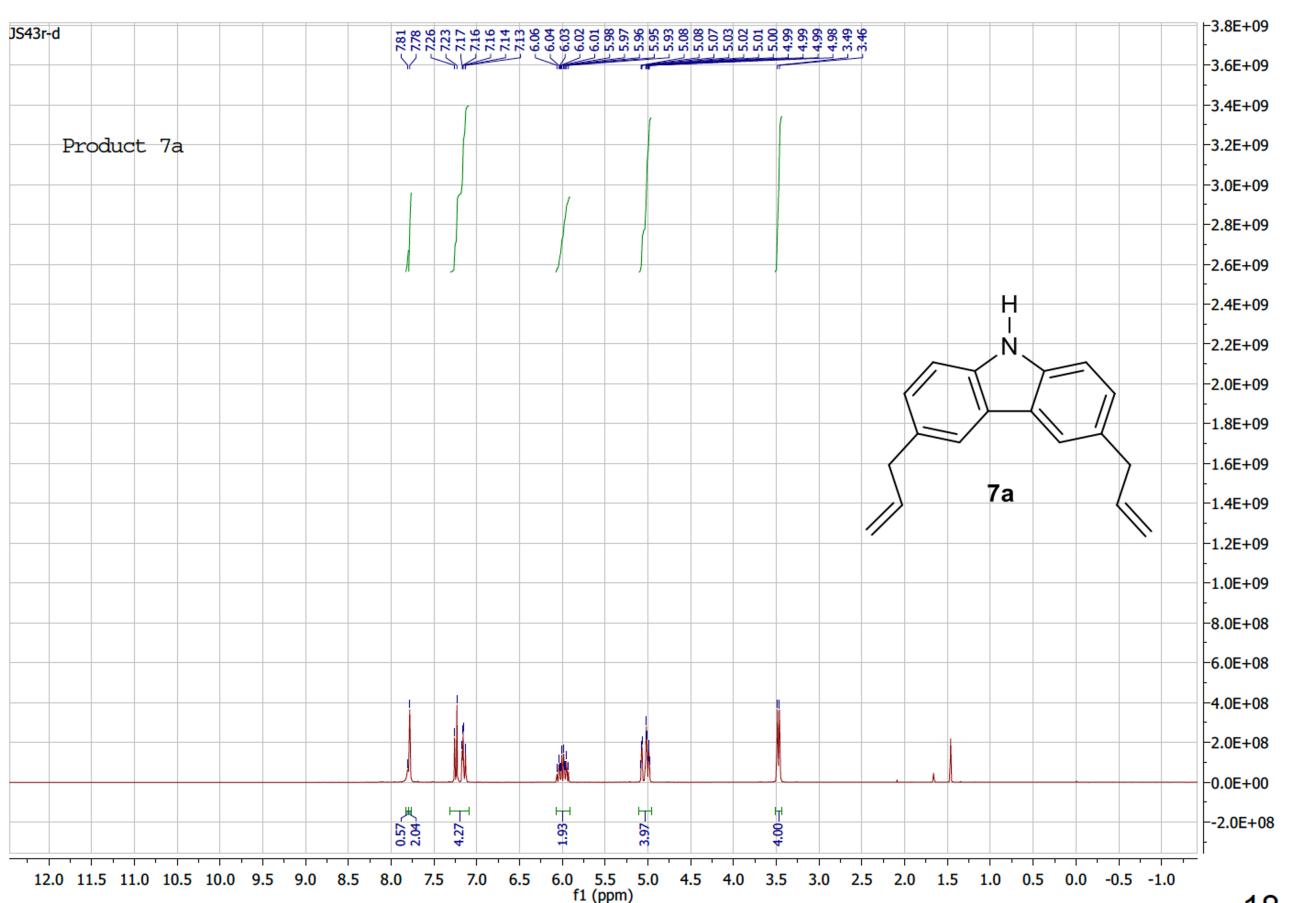
¹³C NMR of (4a)



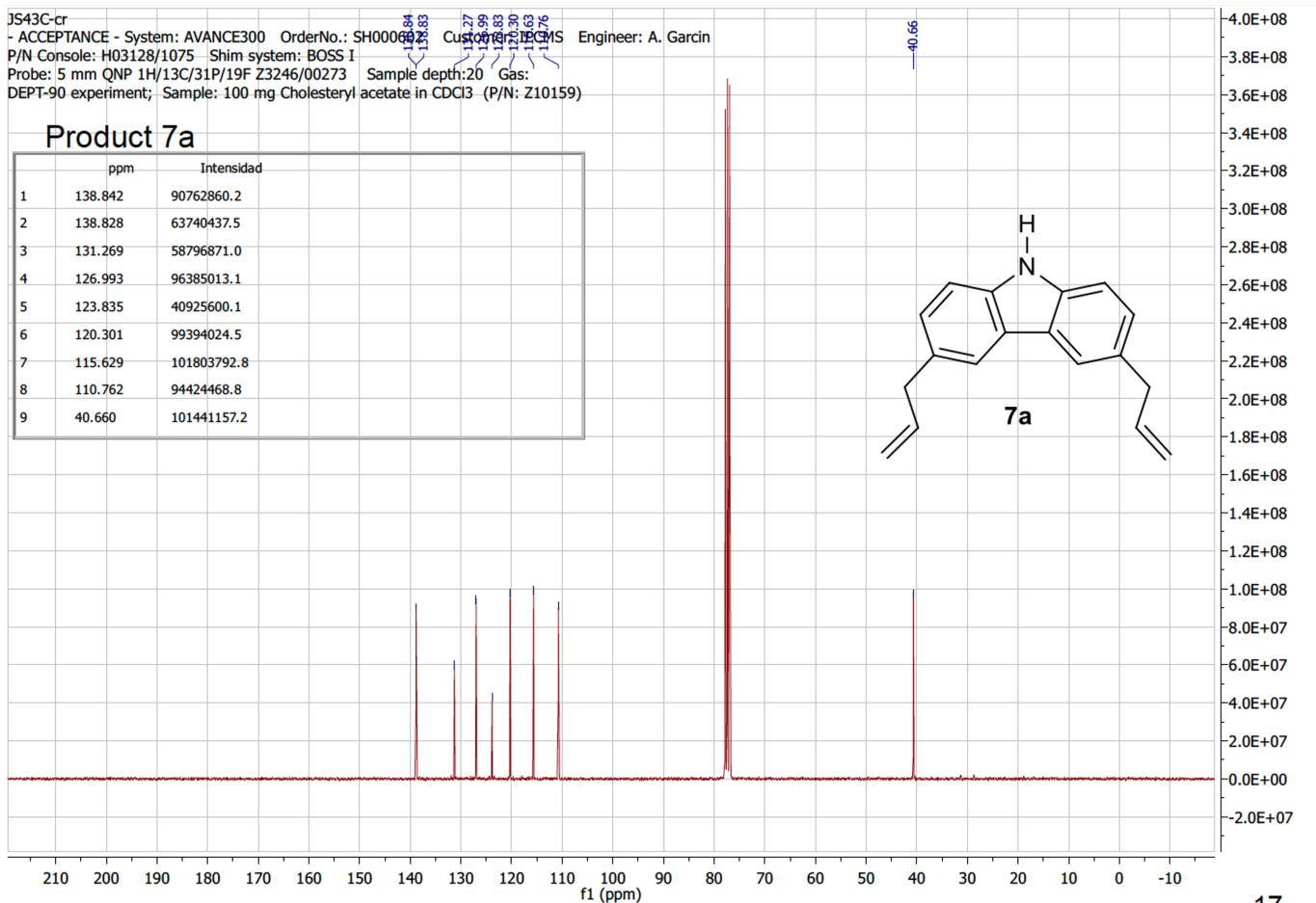
¹H NMR of (4b)



¹H NMR of (7a)

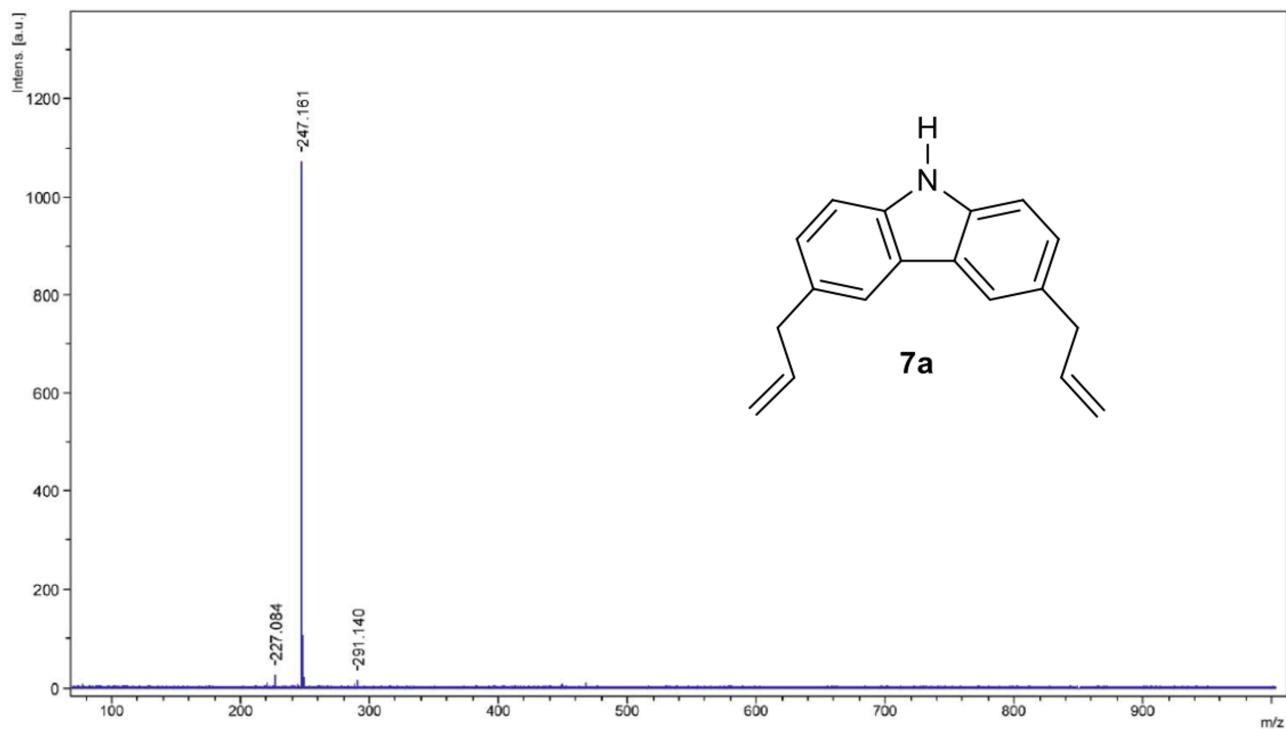


¹³C NMR of (7a)

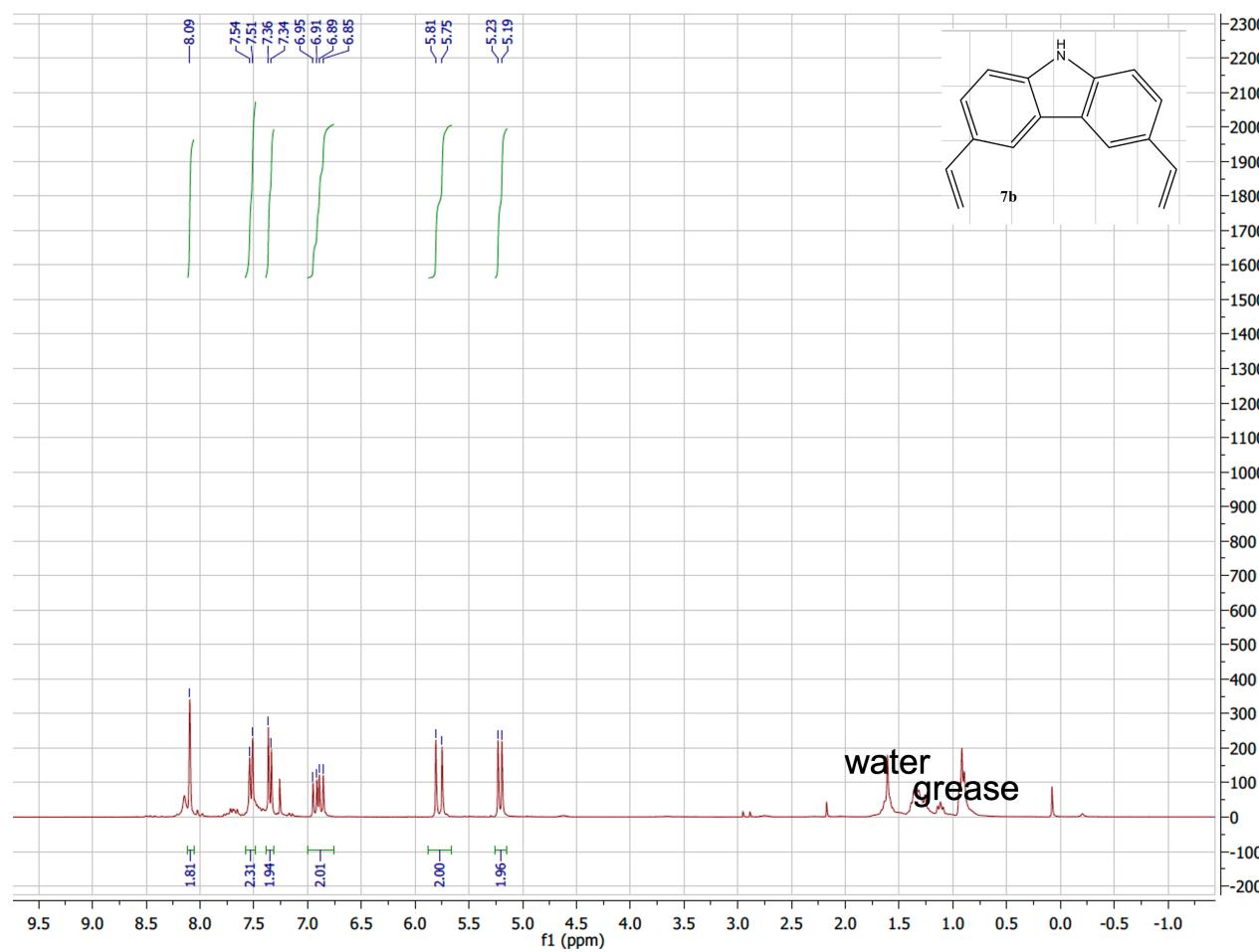


MALDI of (7a)

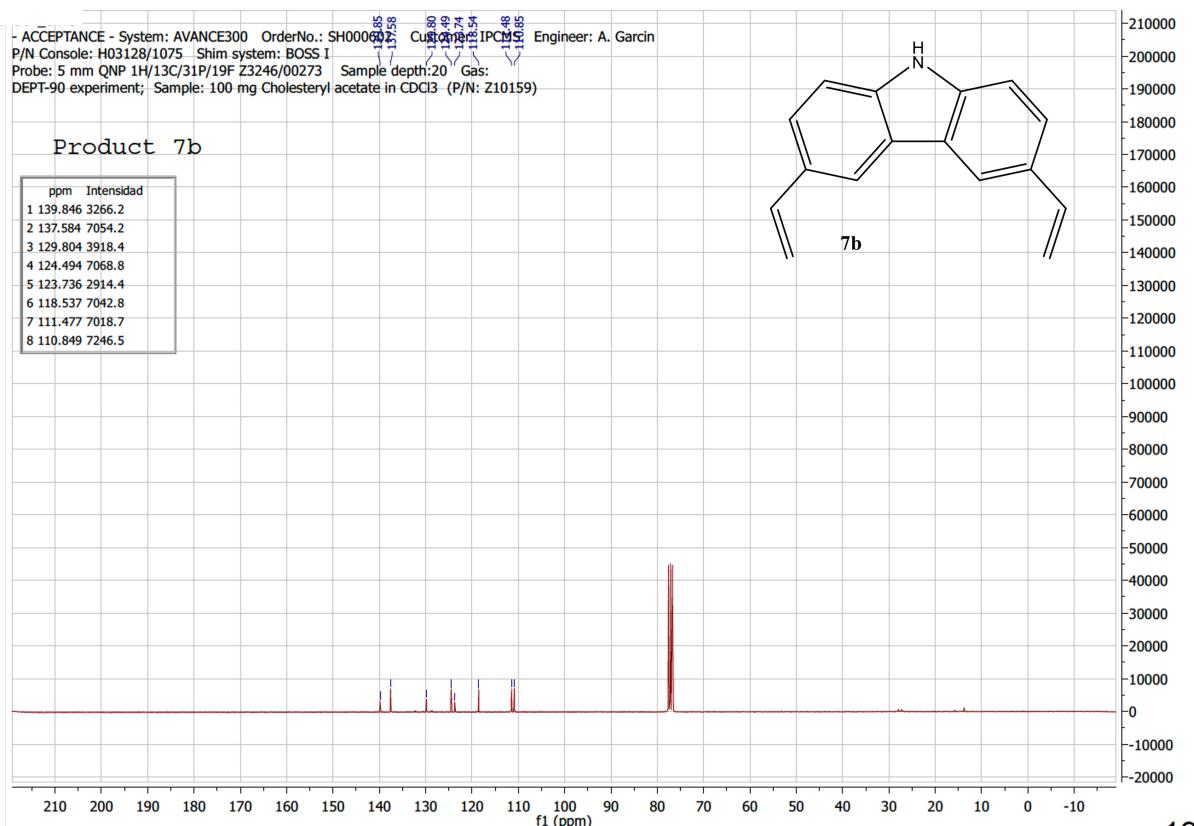
Product 7a



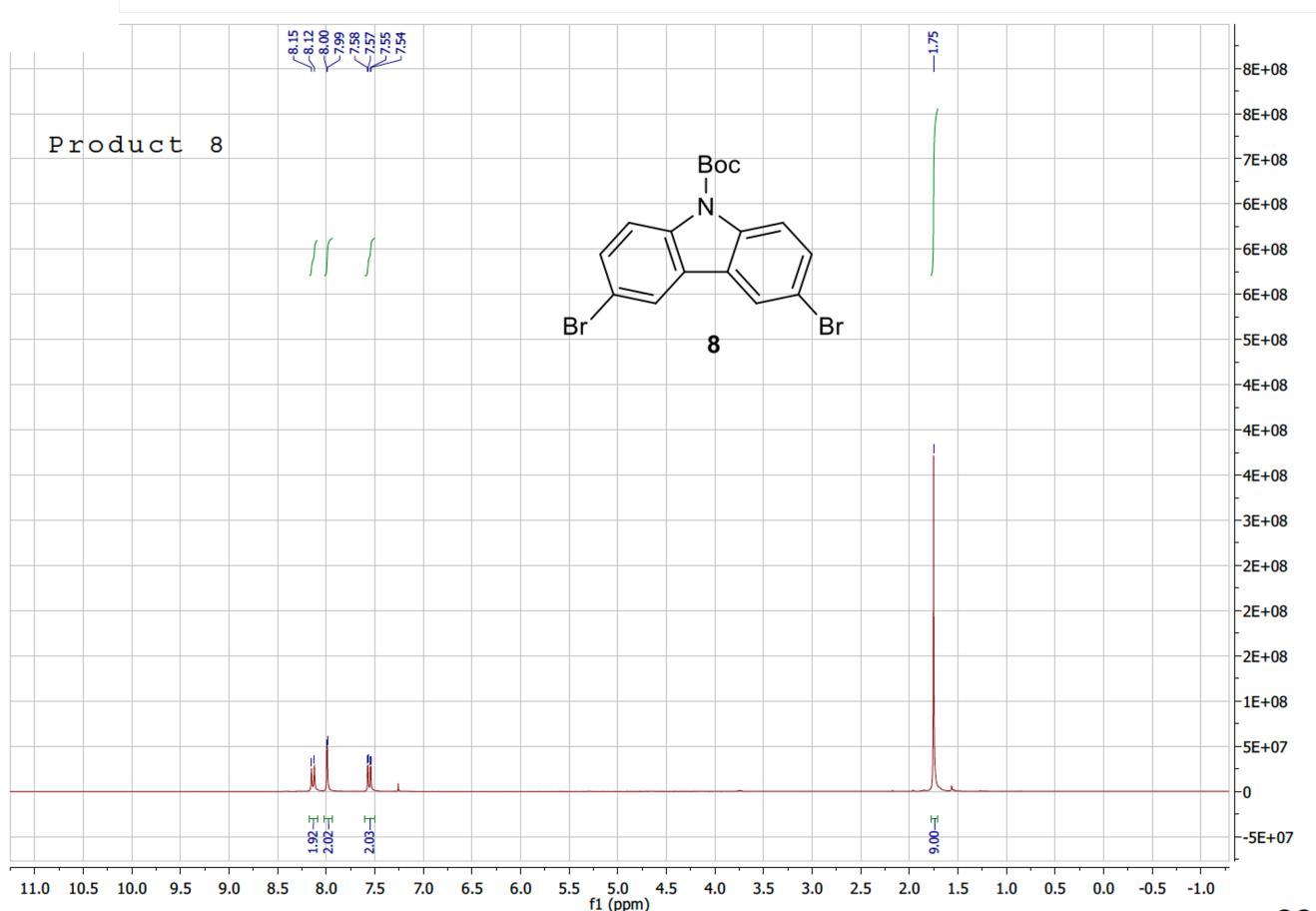
^1H NMR of (7b)



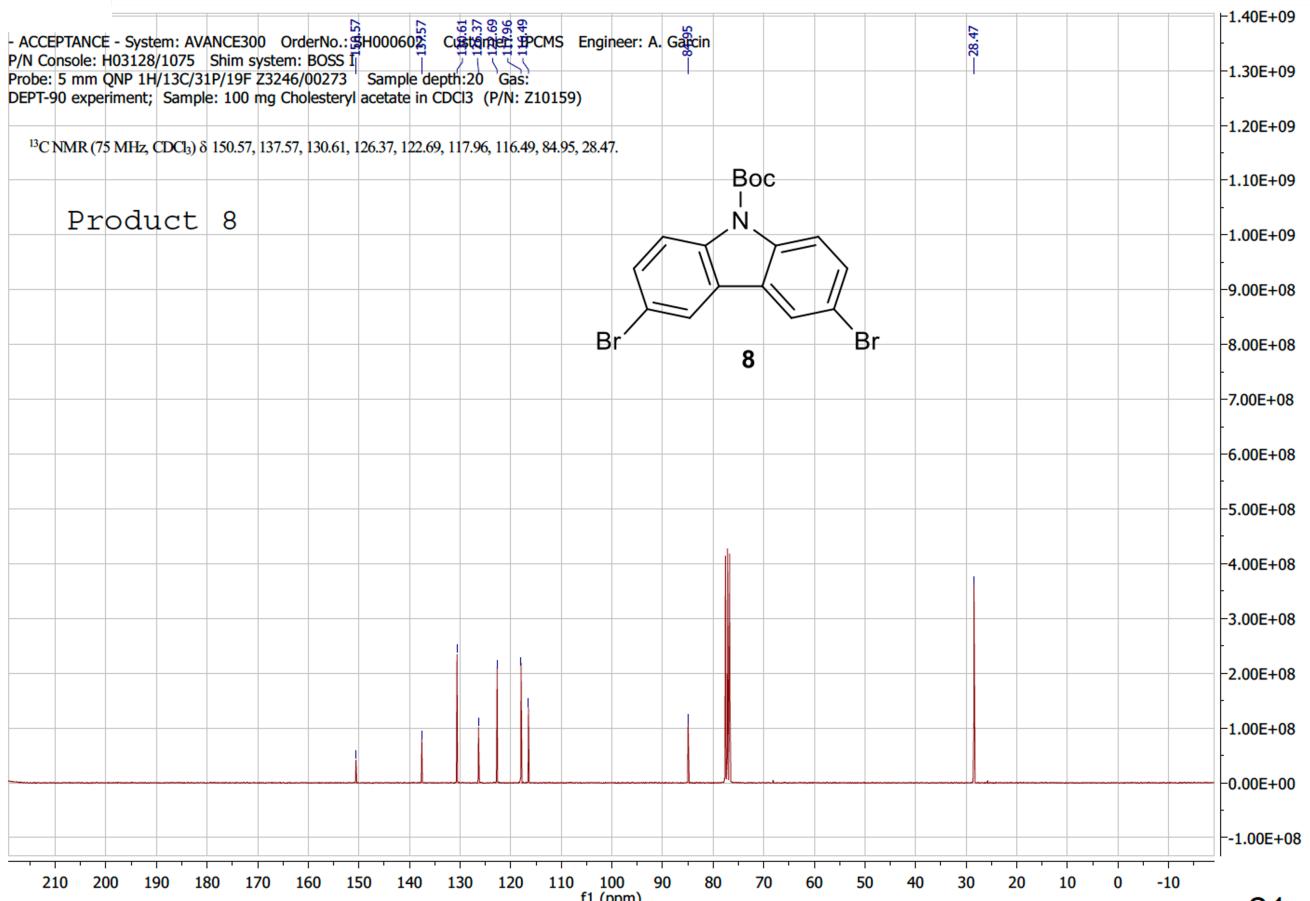
¹³C NMR of (7b)



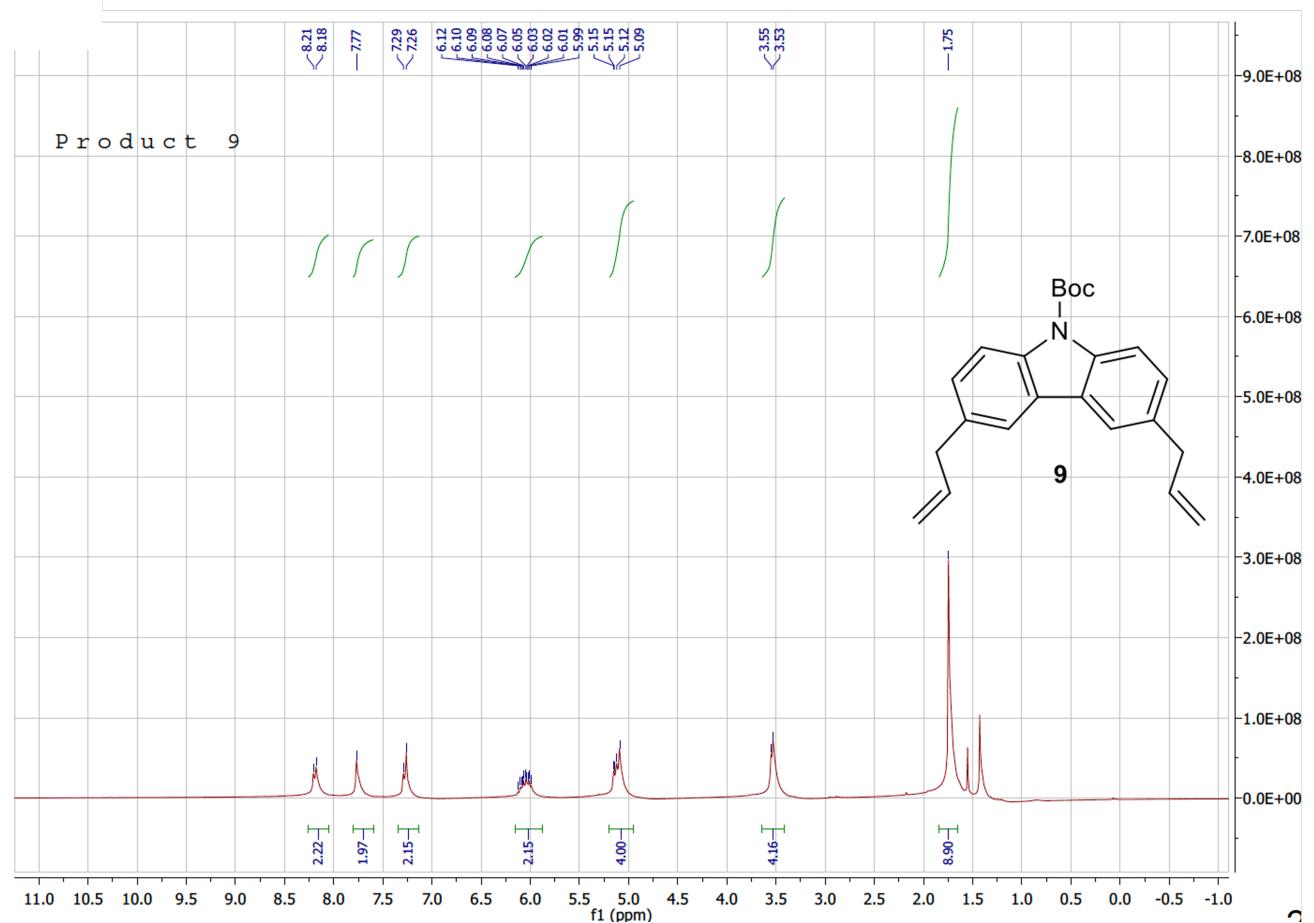
¹H NMR of (8)



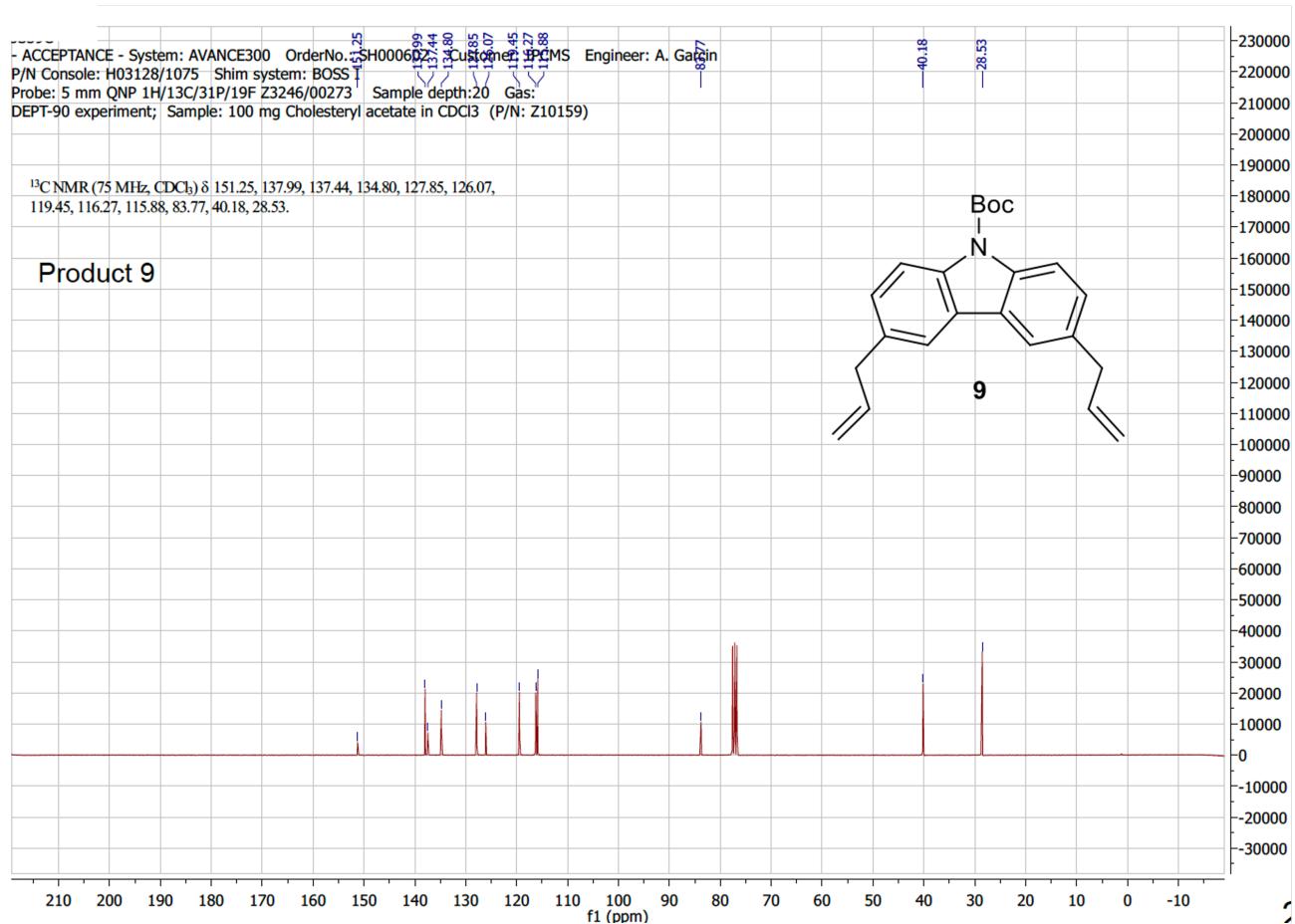
¹³C NMR of (8)



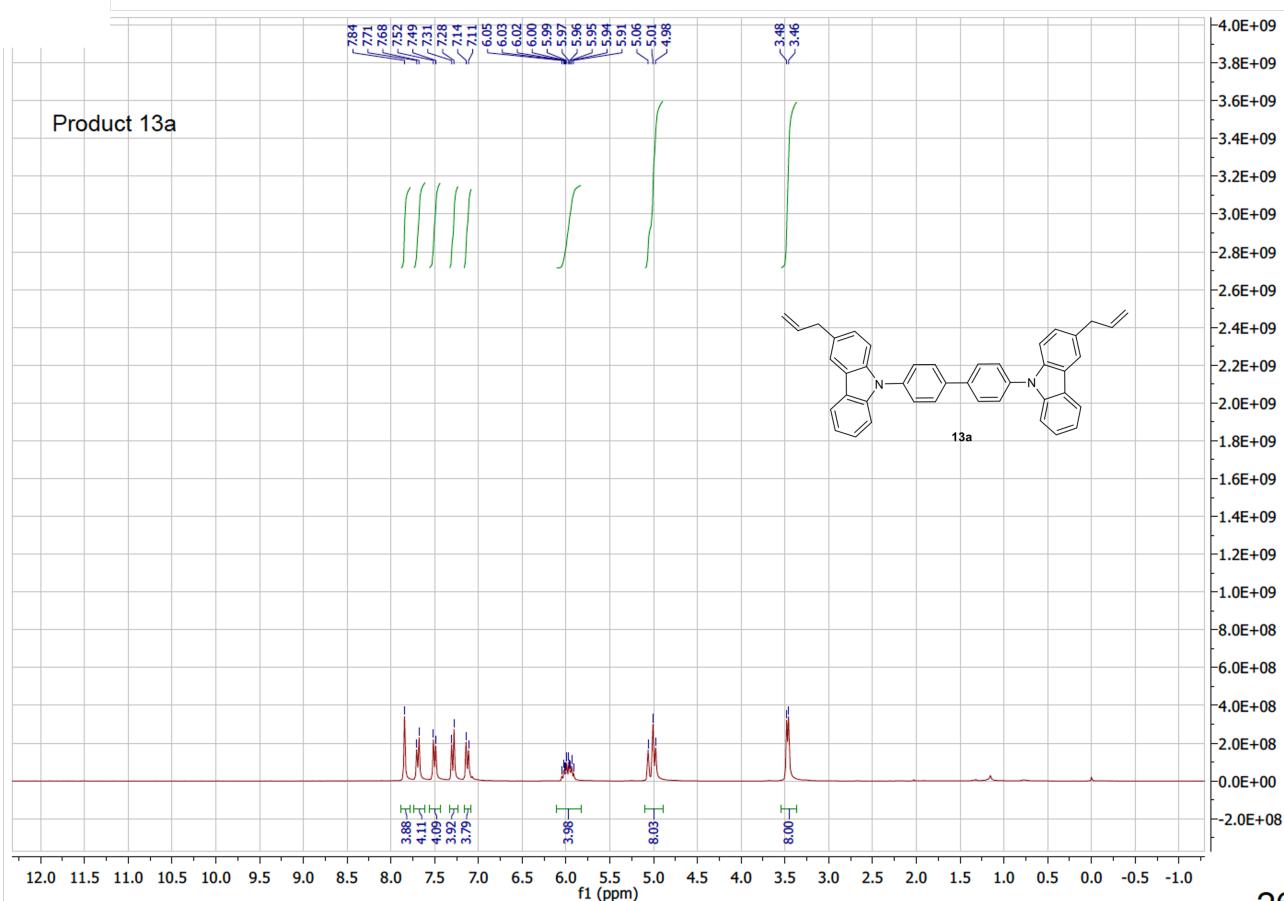
¹H NMR of (9)



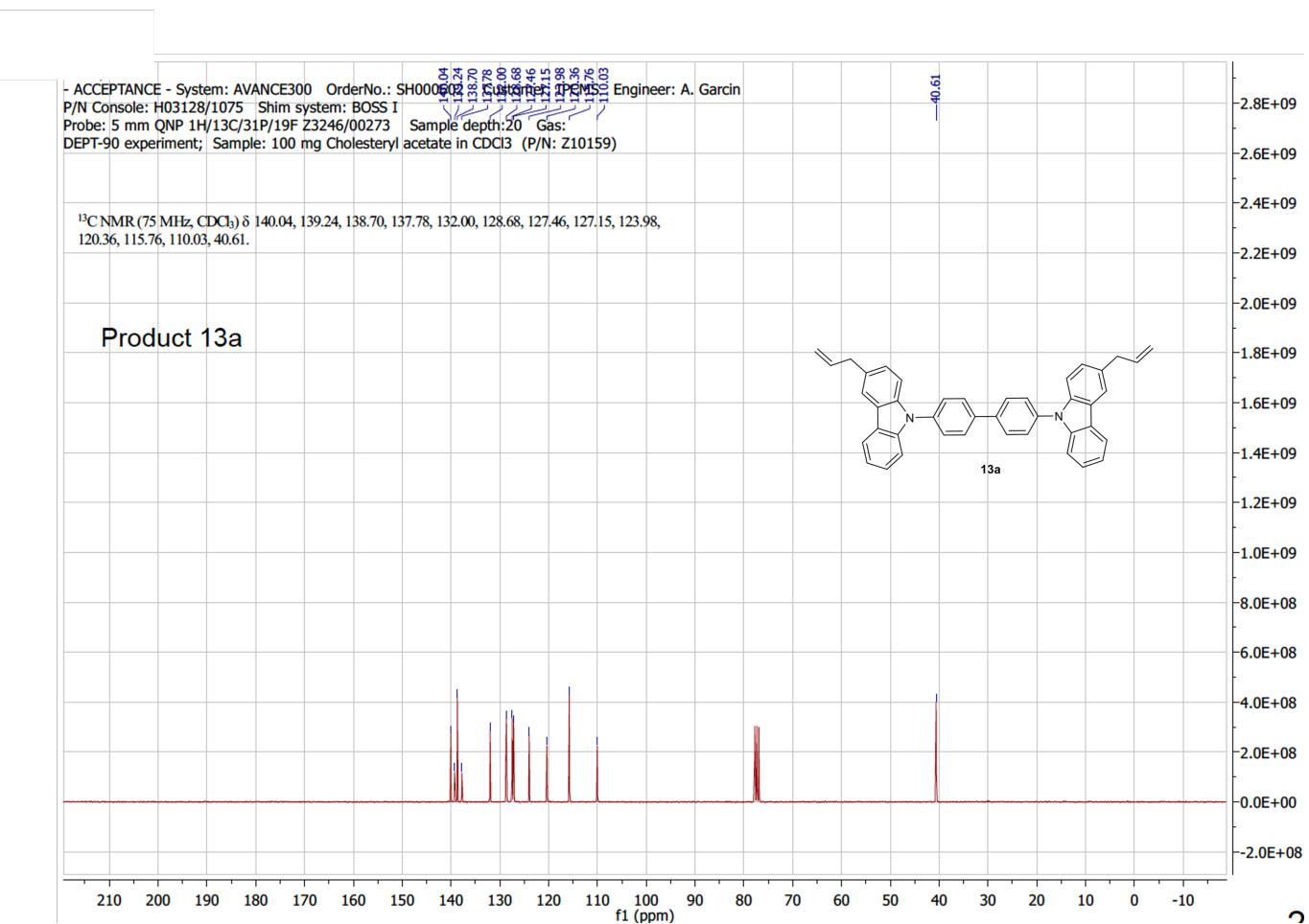
¹³C NMR of (9)



¹H NMR of (13a)

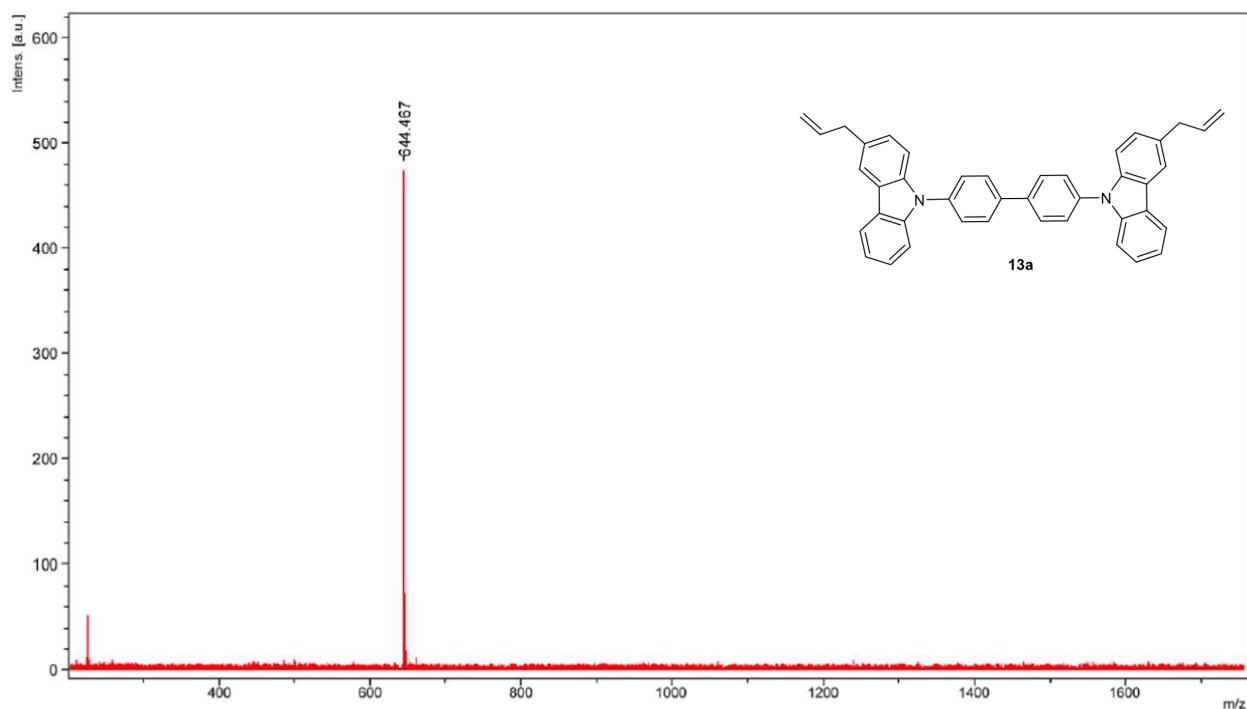


¹³C NMR of (13a)

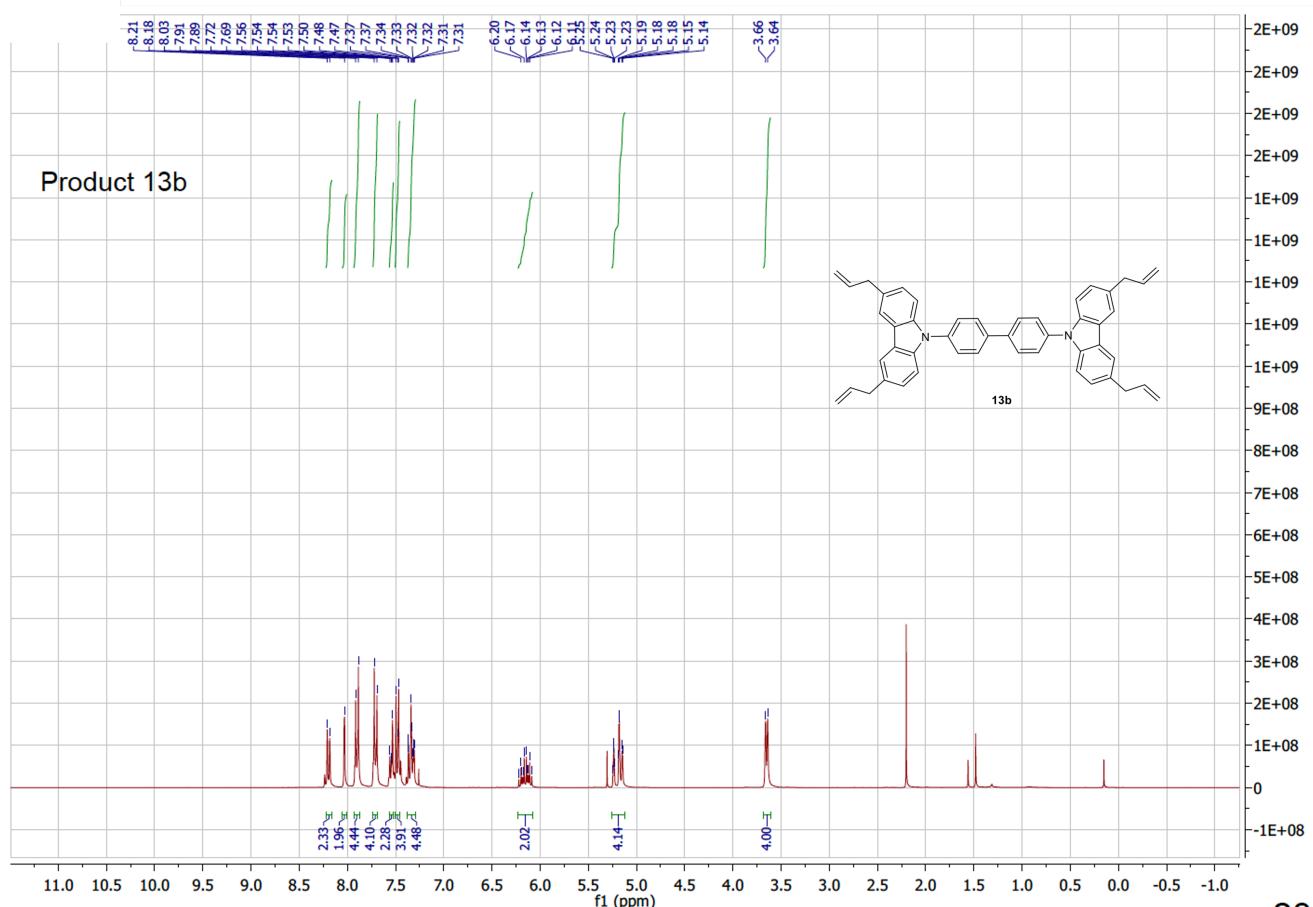


MALDI of (13a)

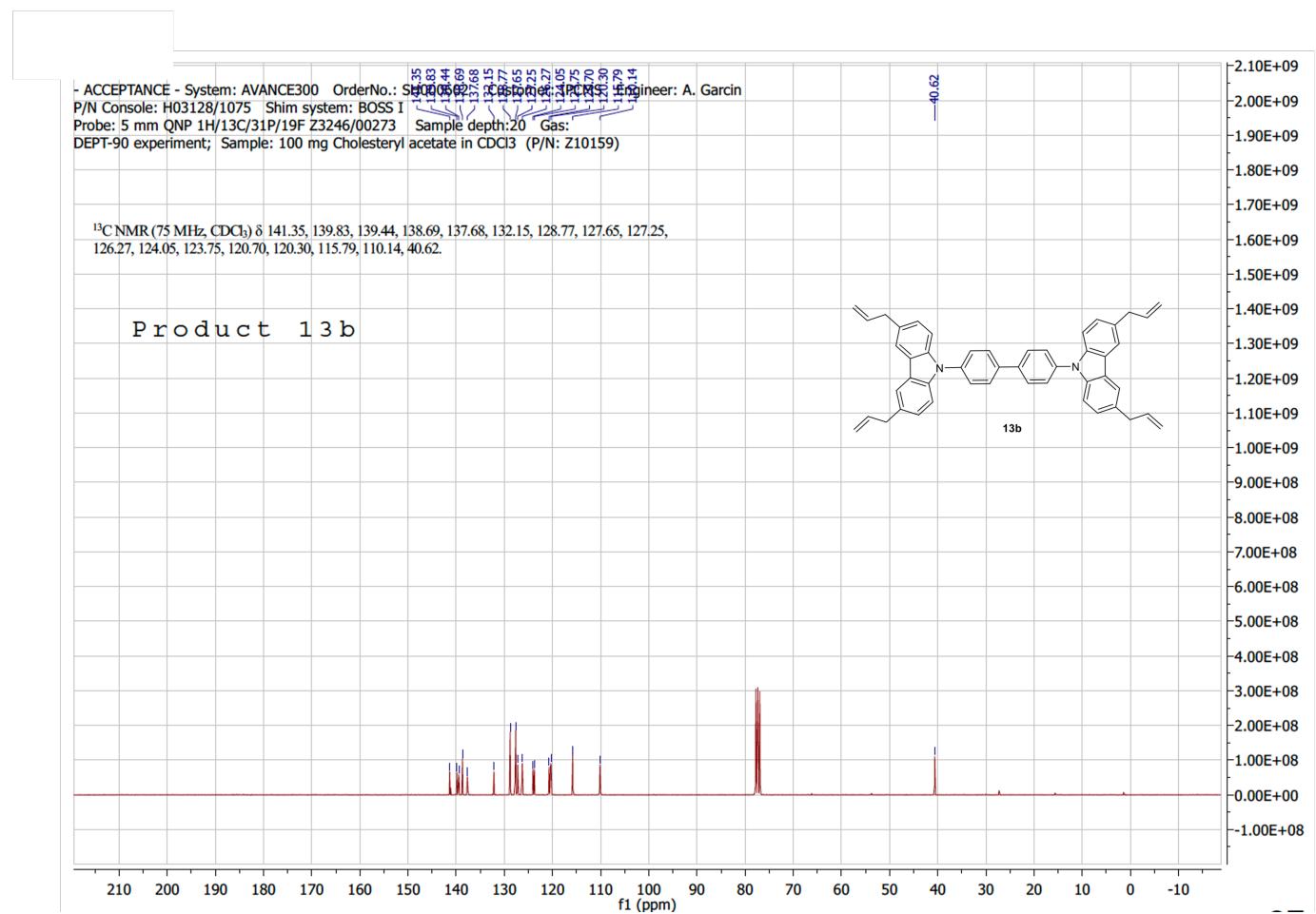
Product 13a



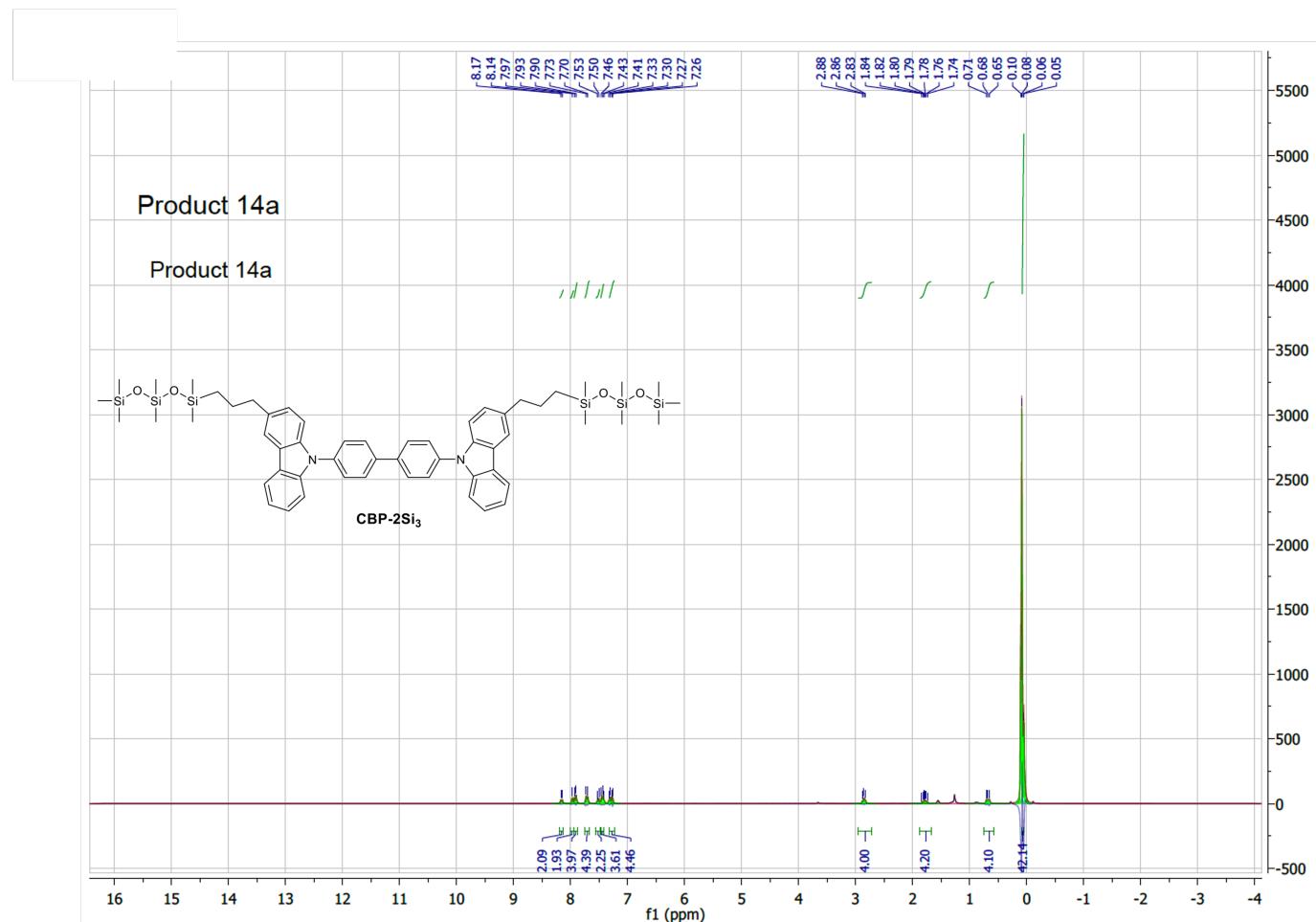
¹H NMR of (13b)



¹³C NMR of (13b)

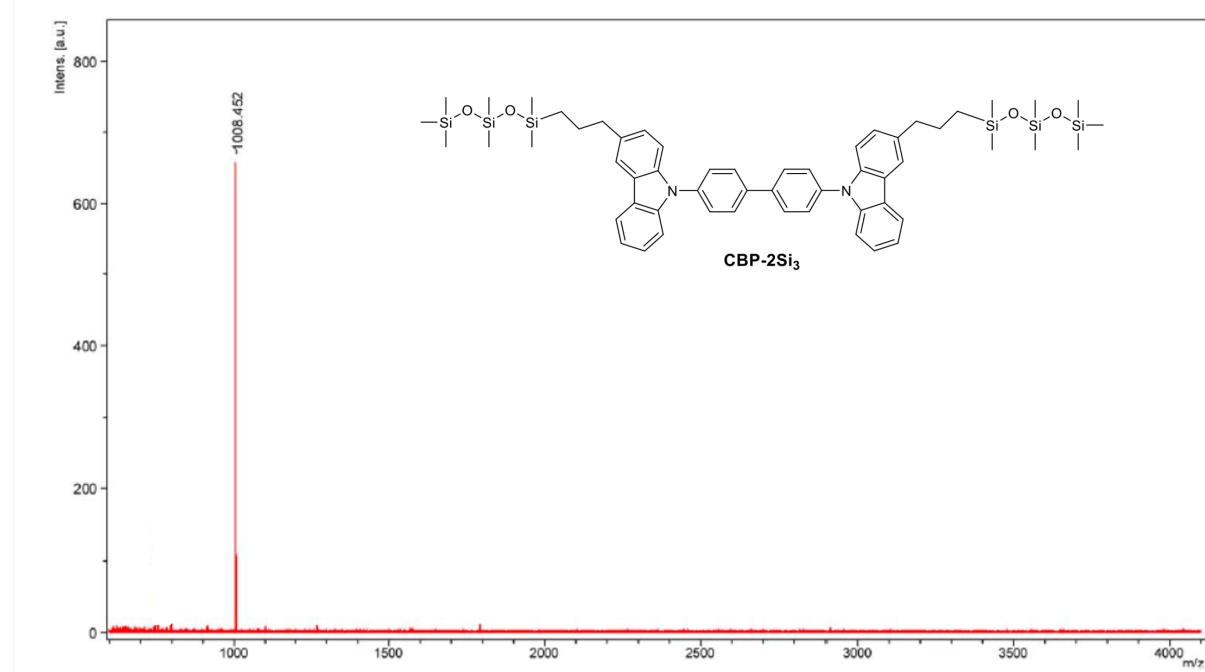


¹H NMR of (14a)

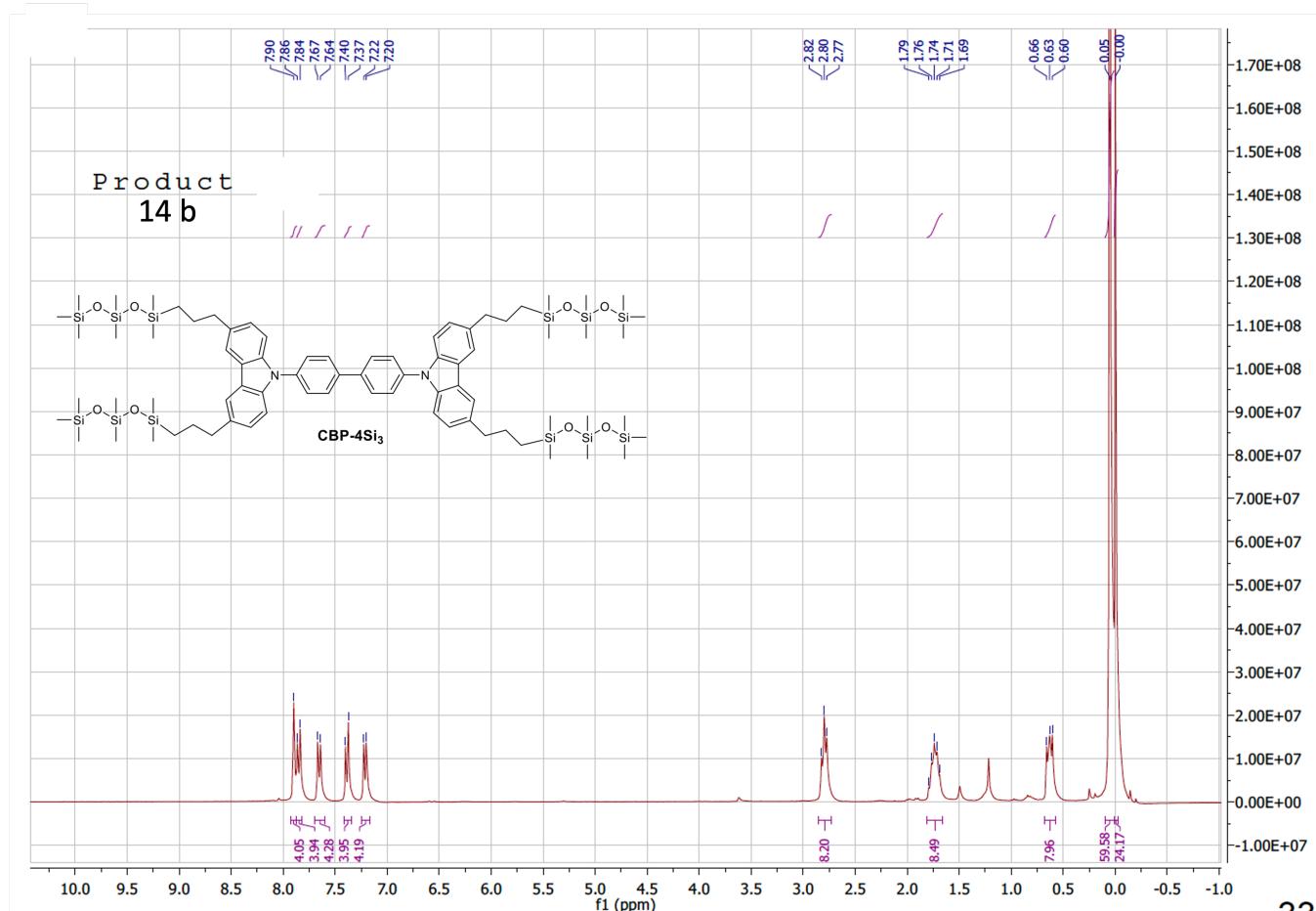


MALDI of (14a)

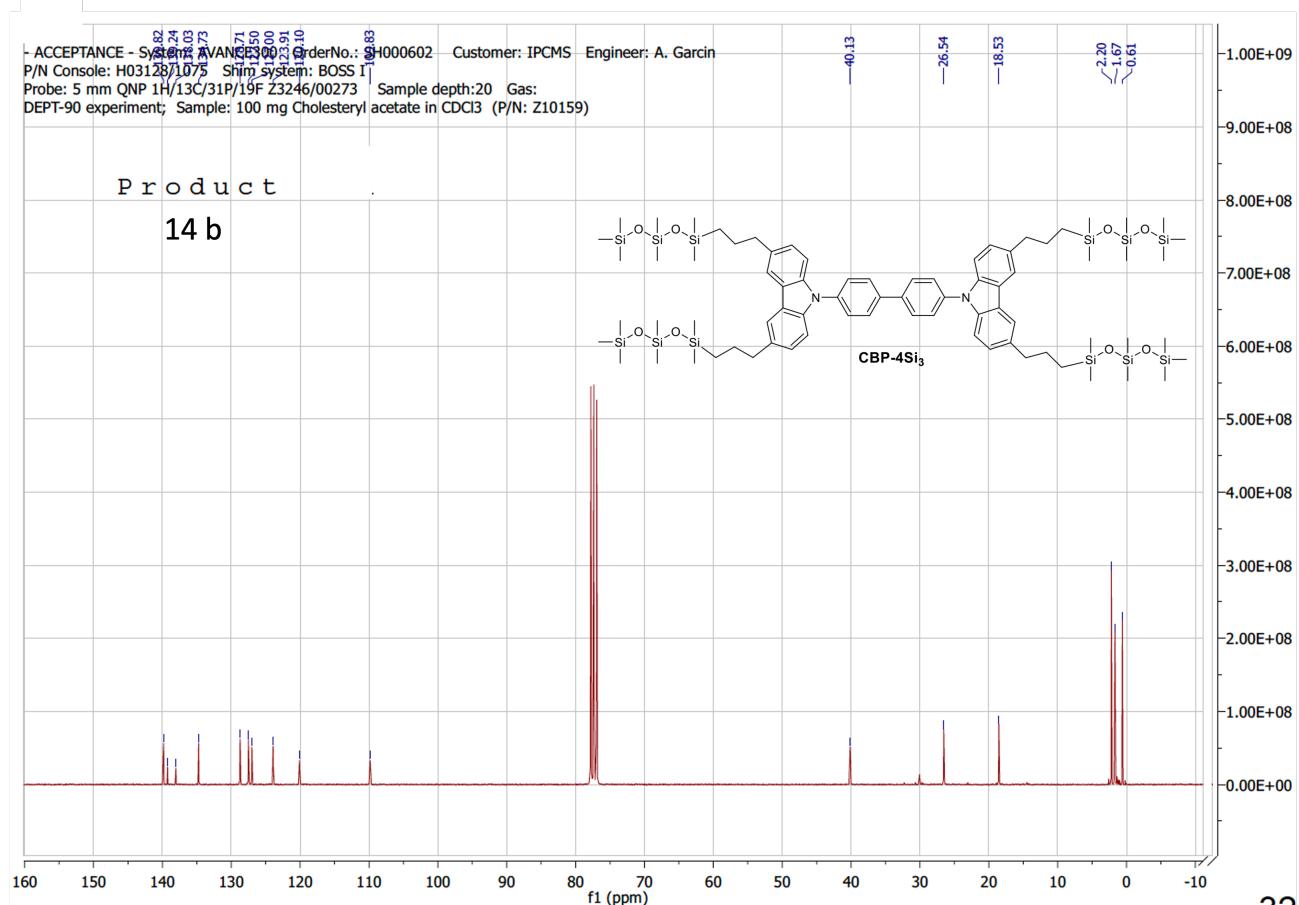
Product 14a



¹H NMR of (14b)



¹³C NMR of (14b)



MALDI of (14b)

