

Supplementary Materials

Figure S1. ^1H -NMR spectrum of **1** (400 MHz, d_6 -acetone).

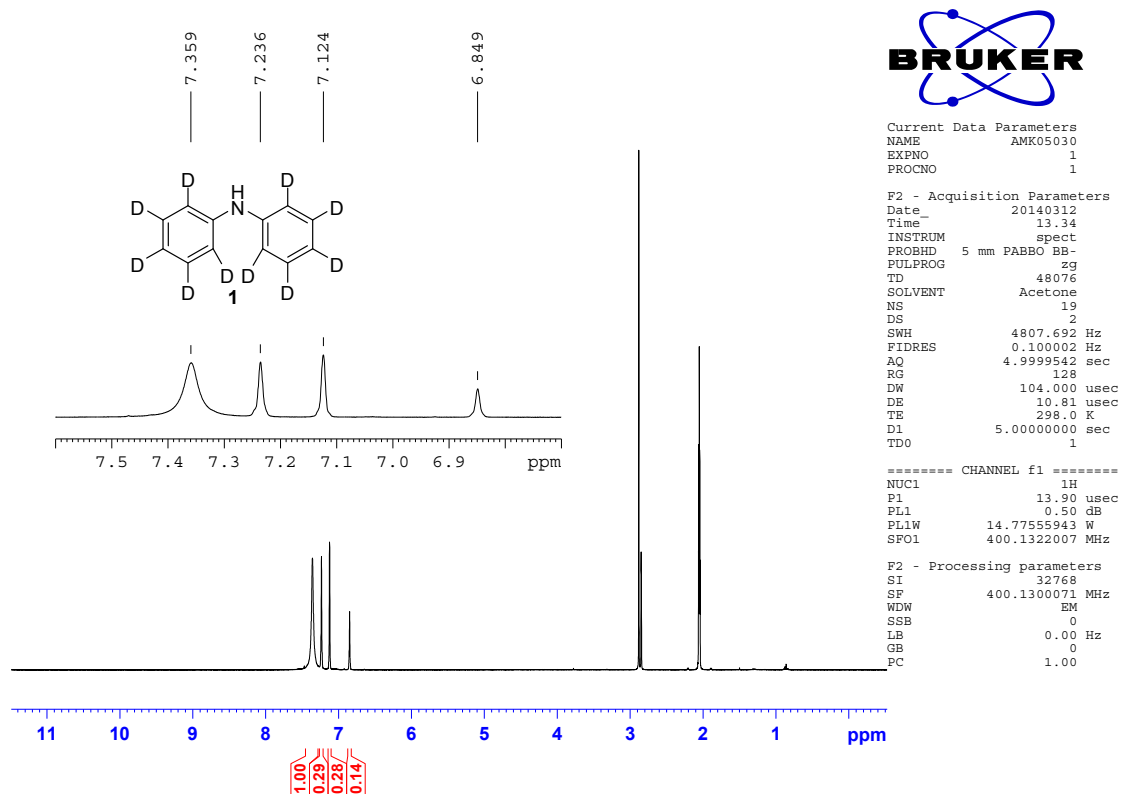


Figure S2. ^2H -NMR spectrum of **1** (61.4 MHz, d_6 -acetone).

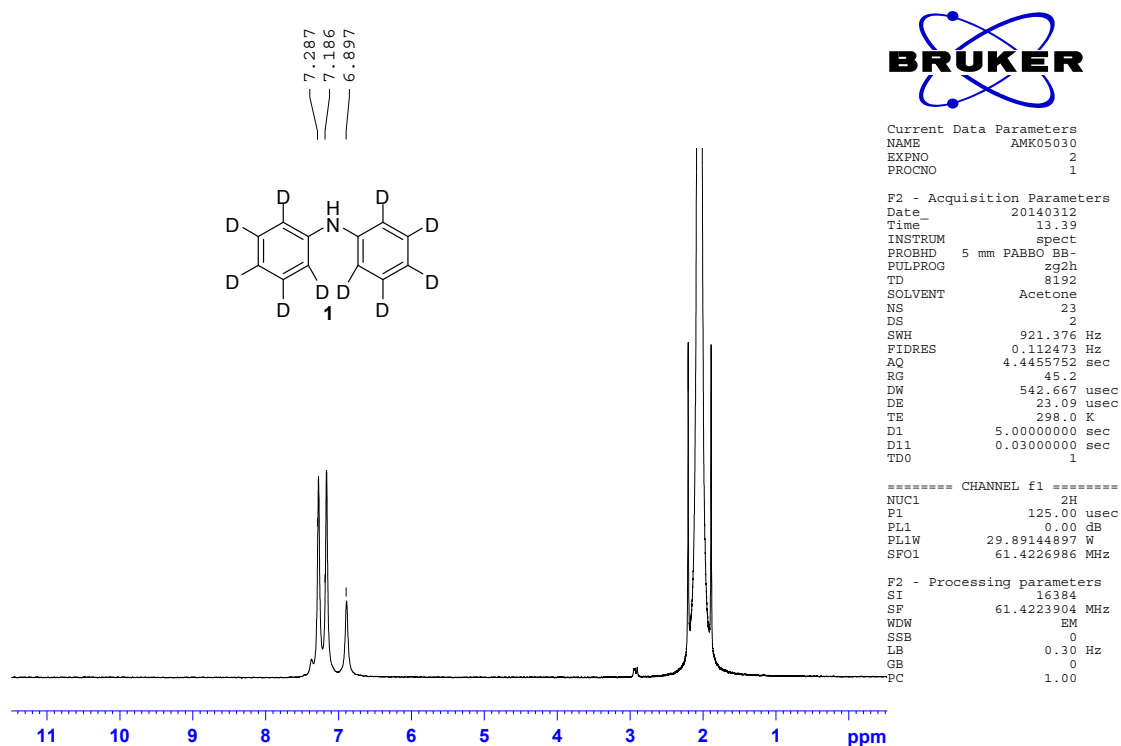


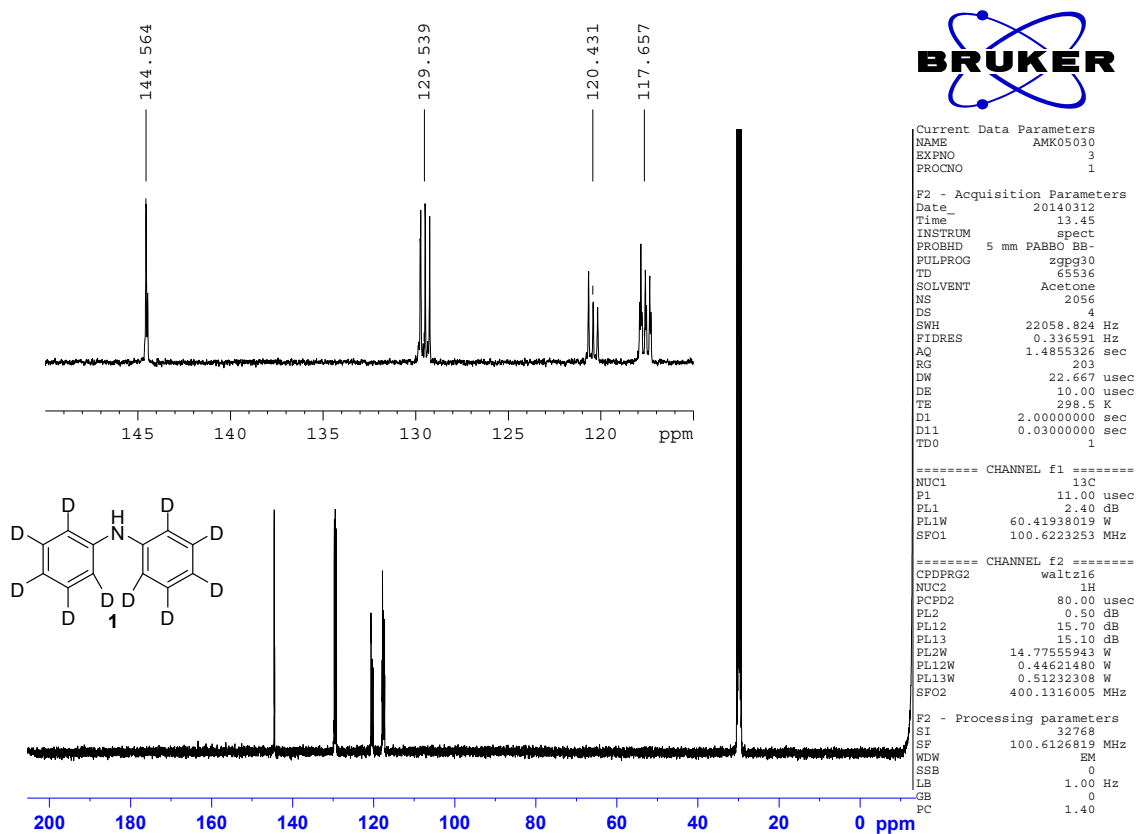
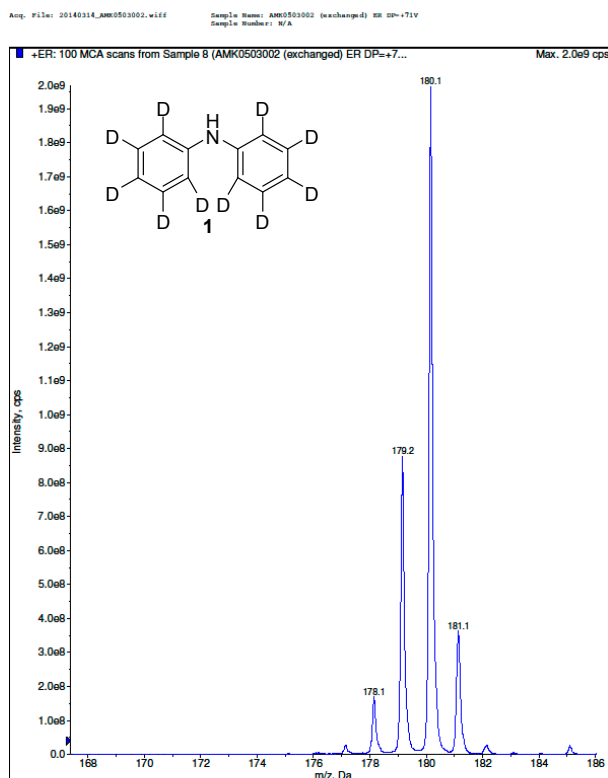
Figure S3. ^{13}C -NMR spectrum of **1** (101 MHz, d_6 -acetone).Figure S4. Enhanced resolution (ER+) mass spectrum of **1**.

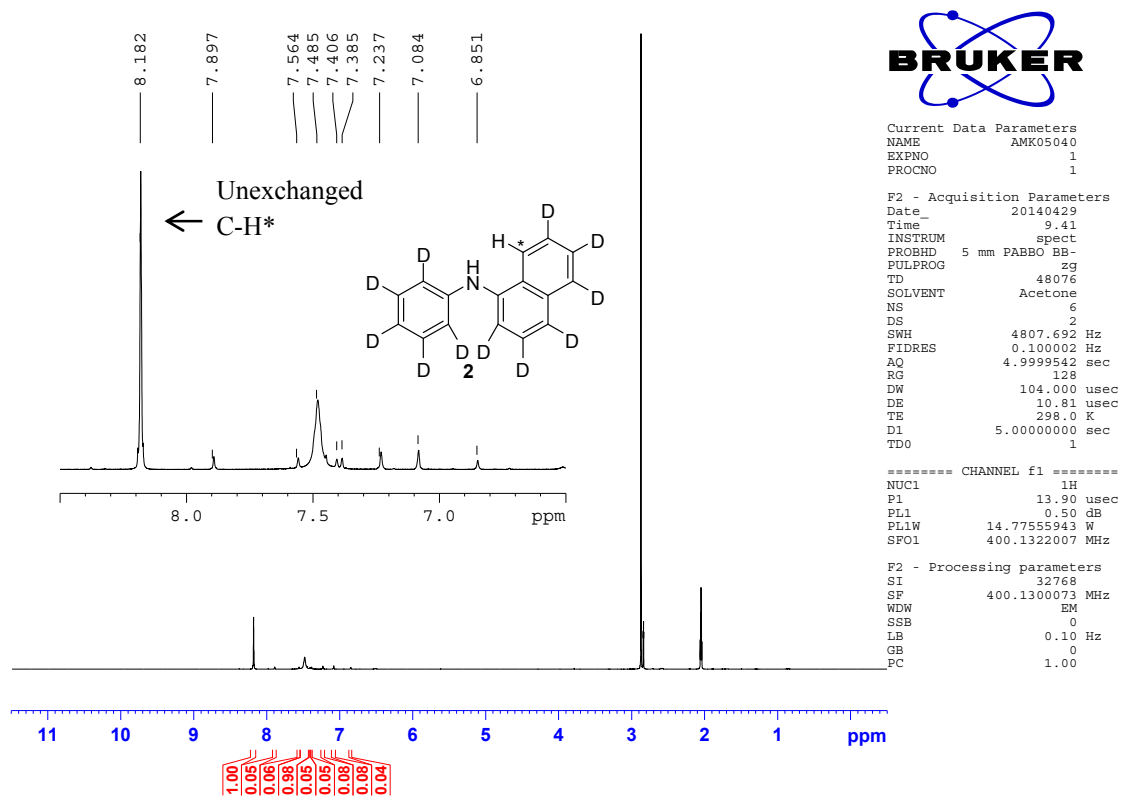
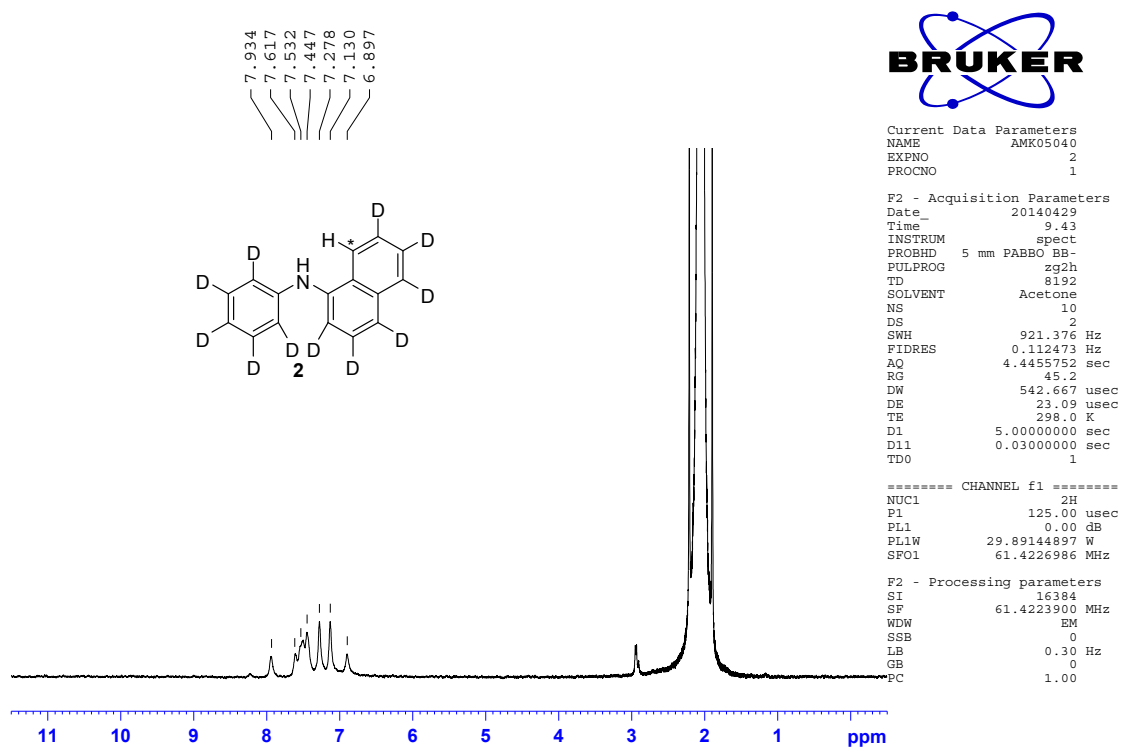
Figure S5. ^1H -NMR spectrum of **2** (400 MHz, d_6 -acetone).Figure S6. ^2H -NMR spectrum of **2** (61.4 MHz, d_6 -acetone).

Figure S7. ^{13}C -NMR spectrum of **2** (101 MHz, d_6 -acetone).

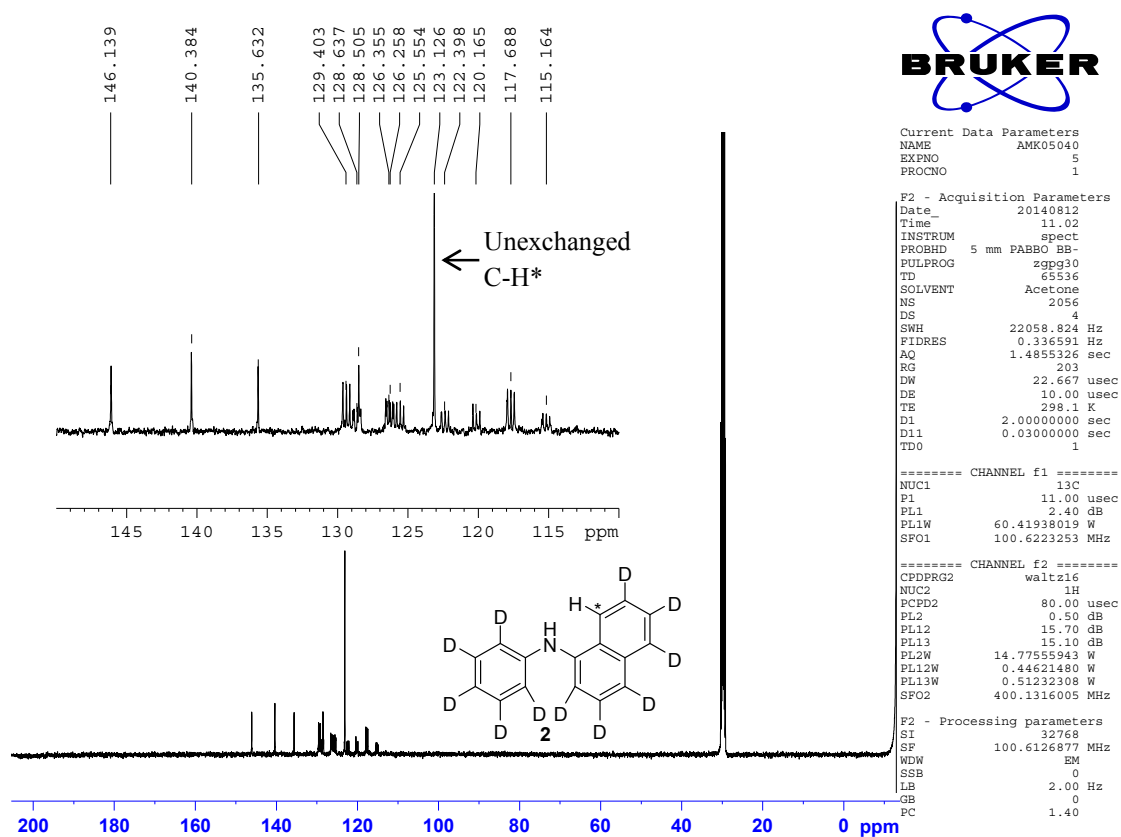


Figure S8. Enhanced resolution (ER+) mass spectrum of **2**.

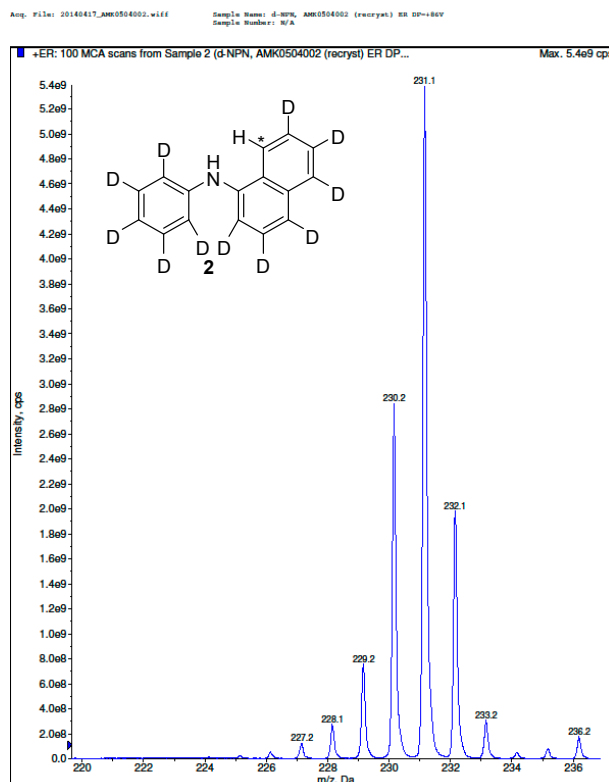


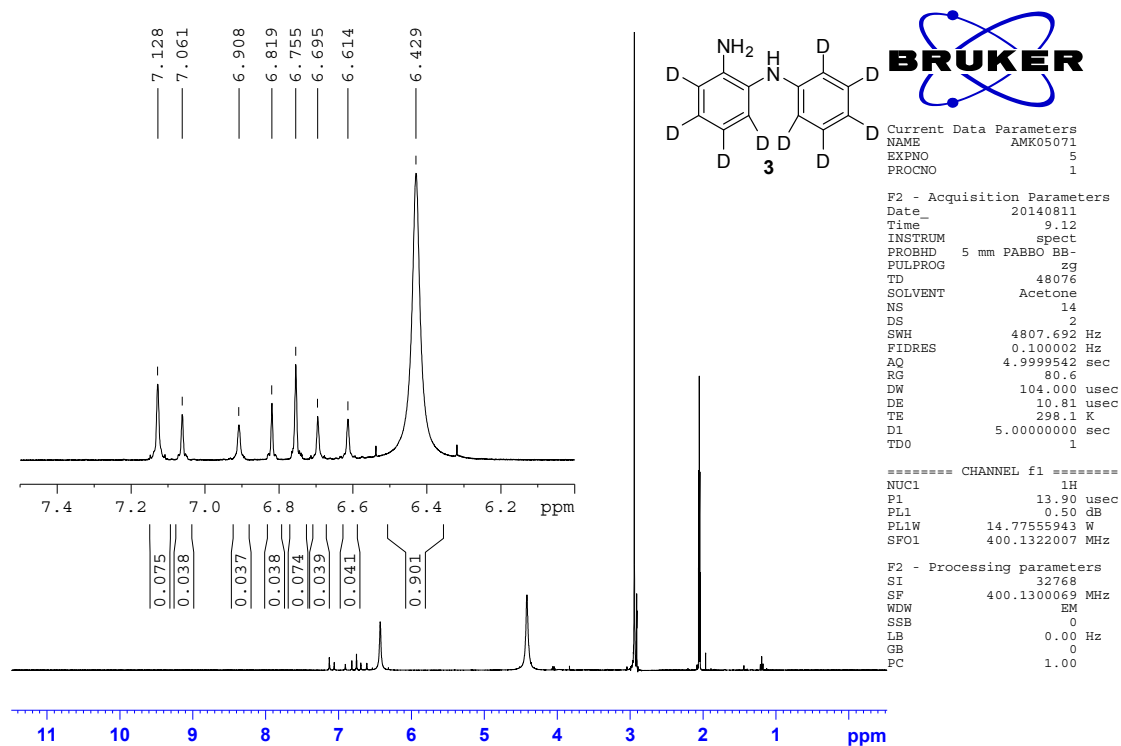
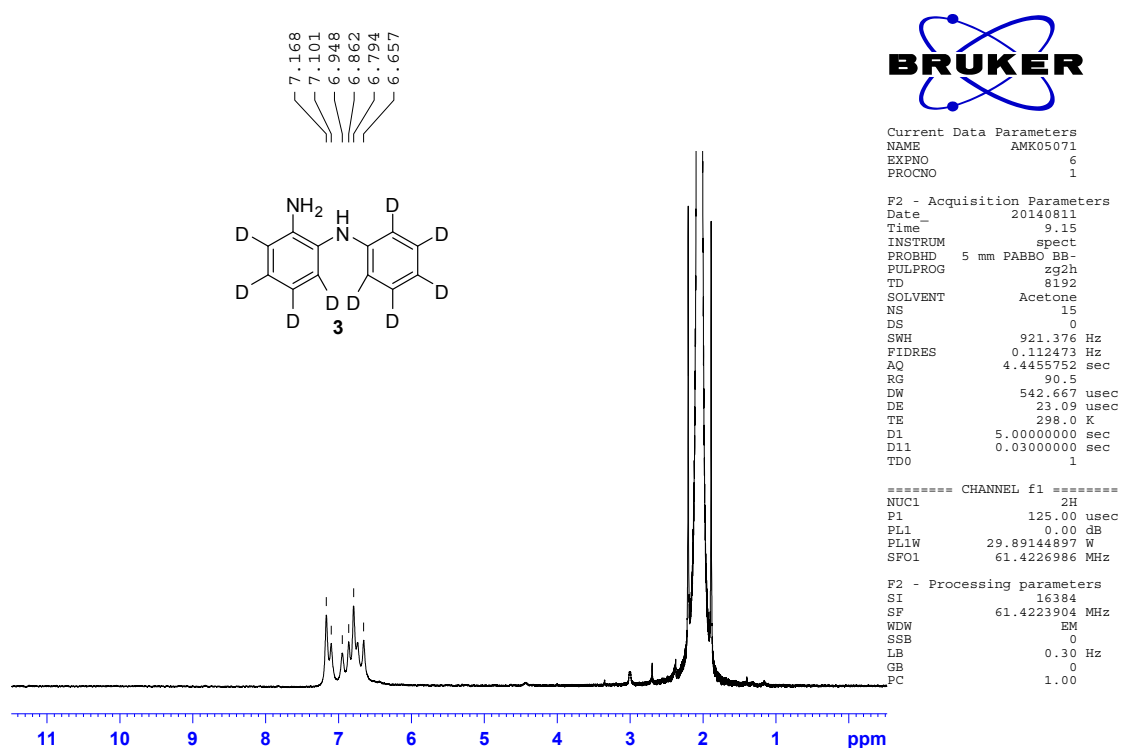
Figure S9. ^1H -NMR spectrum of **3** (400 MHz, d_6 -acetone).Figure S10. ^2H -NMR spectrum of **3** (61.4 MHz, d_6 -acetone).

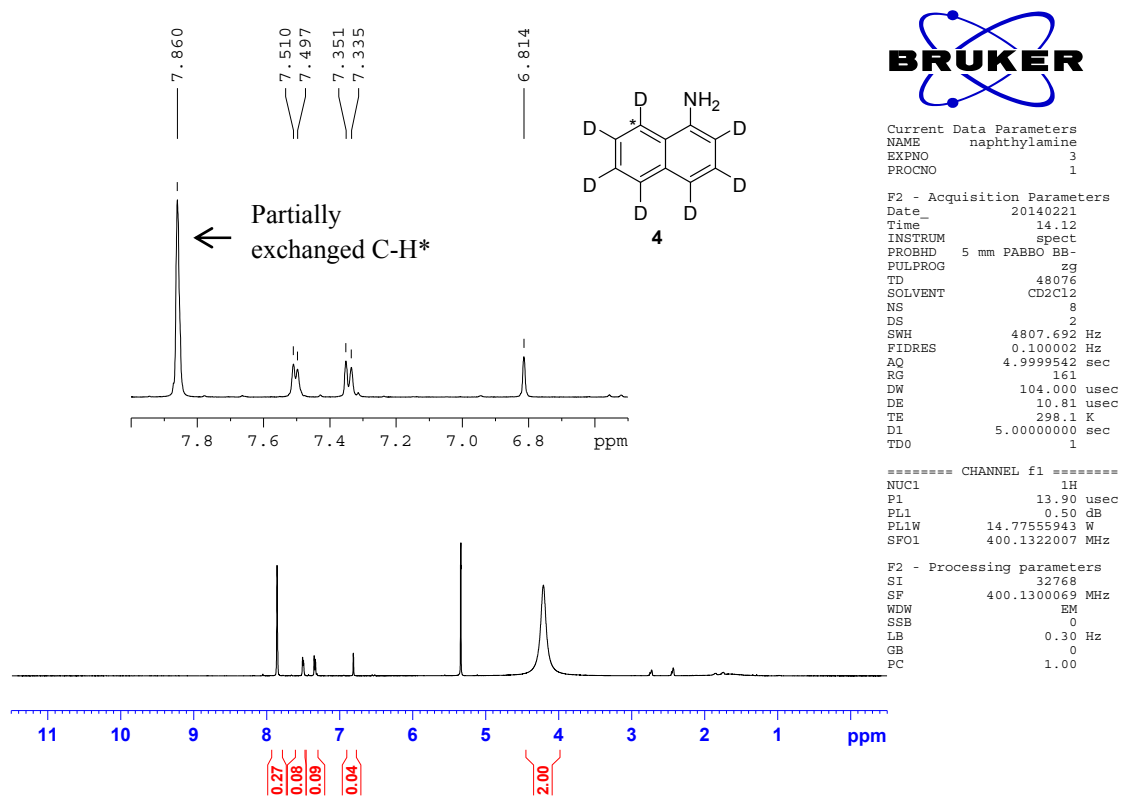
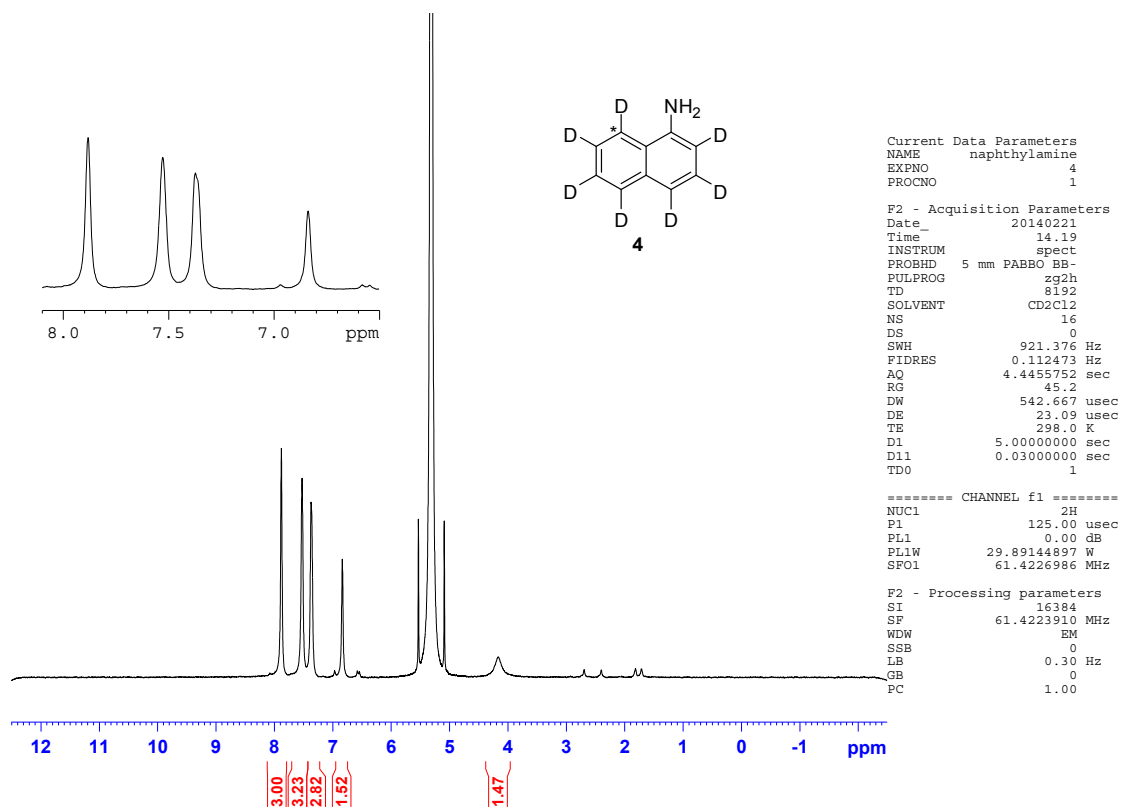
Figure S13. ^1H -NMR spectrum of **4** (400 MHz, CD_2Cl_2).Figure S14. ^2H -NMR spectrum of **4** (61.4 MHz, CD_2Cl_2).

Figure S15. ^{13}C -NMR spectrum of **4** (100 MHz, CD_2Cl_2). Partial deuteration occurred at the position marked *, which shows a singlet at 120.8 ppm and an isotopically shifted triplet upfield at 120.4 ppm.

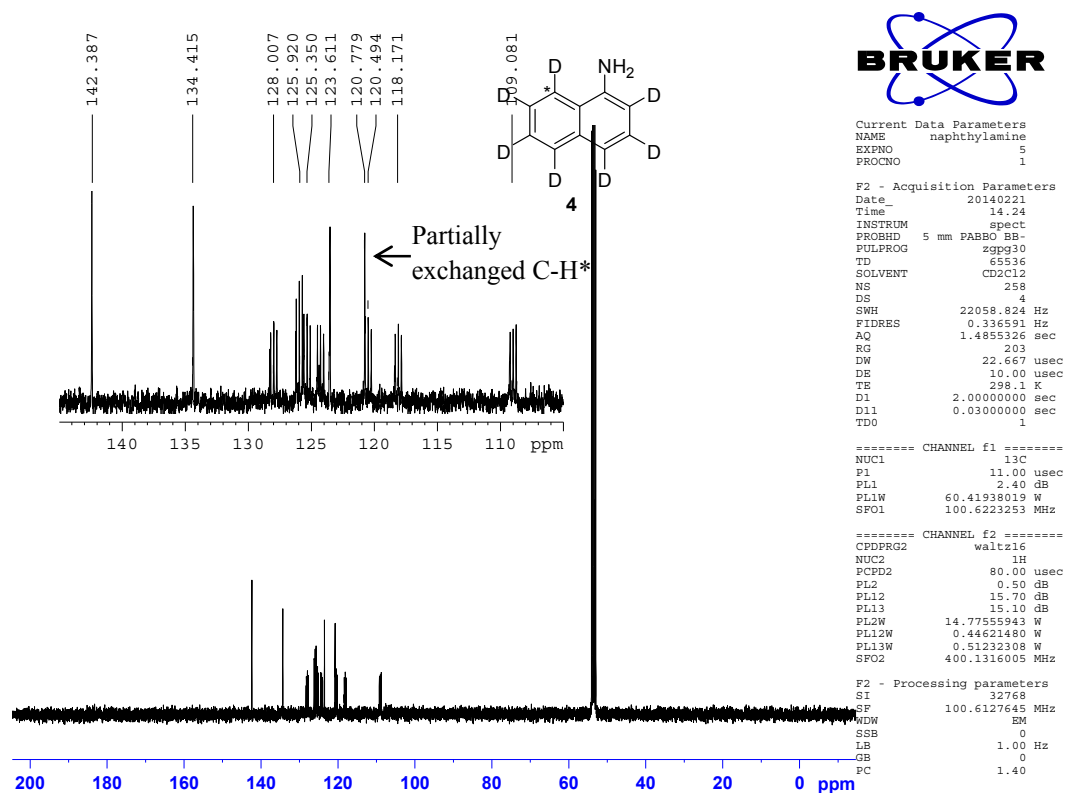


Figure S16. Enhanced mass spectrum (EMS+) of **4**.

