

Supporting Information

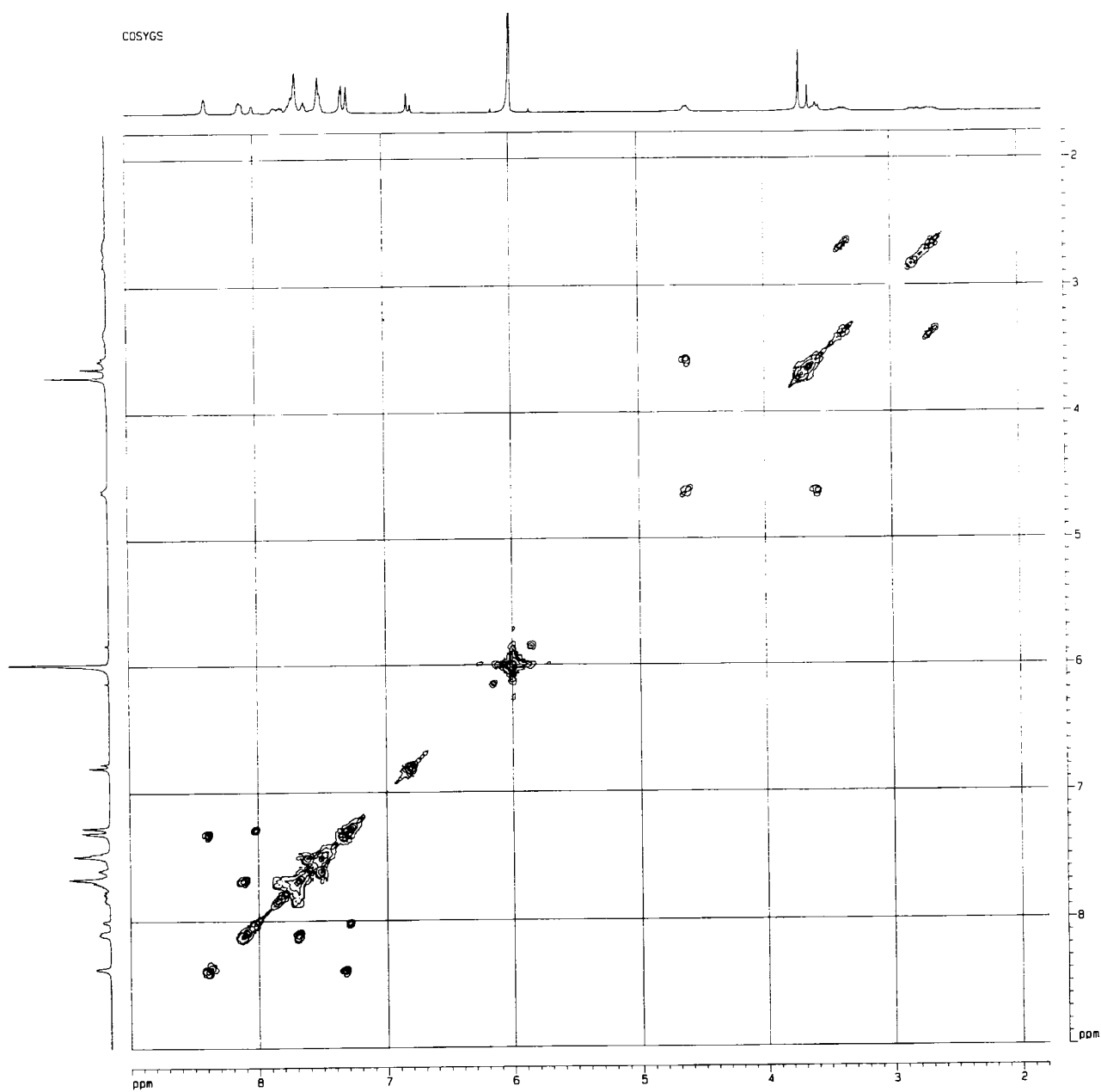


Figure S1. ^1H - ^1H COSY spectrum of a 2:3 ($\pm$)-2/5 mixture (600 MHz, $\text{Cl}_2\text{CDCDCl}_2$, TMS, measured 9 days later after mixing).

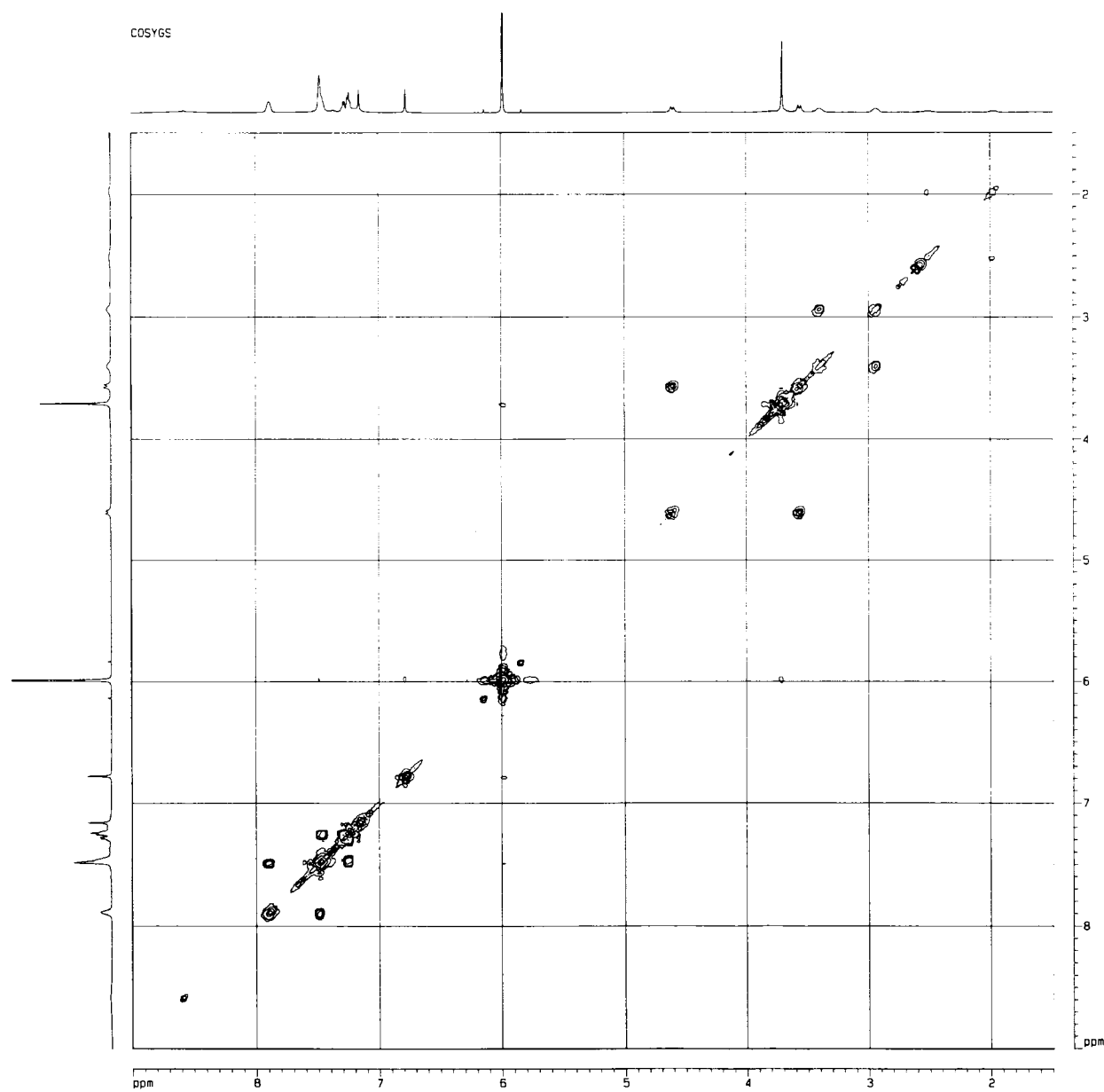


Figure S2. ^1H - ^1H COSY spectrum of a 2:3 ($\pm$)-2/6 mixture (600 MHz, $\text{Cl}_2\text{CDCDCl}_2$, TMS, measured 9 days later after mixing).

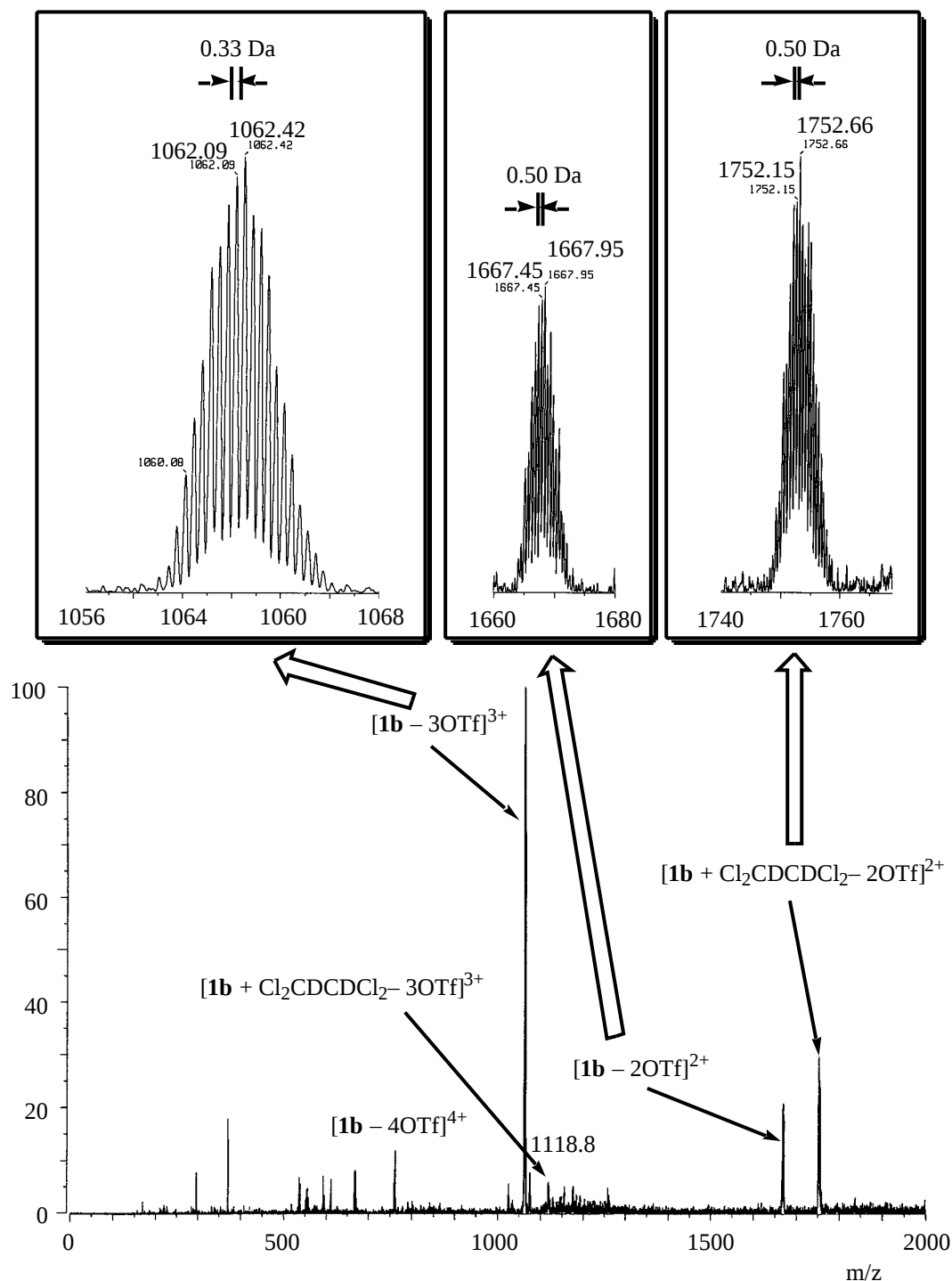


Figure S3. Coldspray ionization MS spectrum of **1b** (2:3 mixture of **2** and **6**) (needle voltage: 2.4 kV; needle current: 300-700 nA; orifice voltage: 78 V; ringlens voltage: 300 V; ion source temperature: 298 K; flow rate: 17 mL/min; sample concentration: [**2**] = 0.1 mM, [**6**] = 0.15 mM in $CH_2Cl_2 : Cl_2CDCDCl_2 : DMF = 100:10:1.3$ v/v).

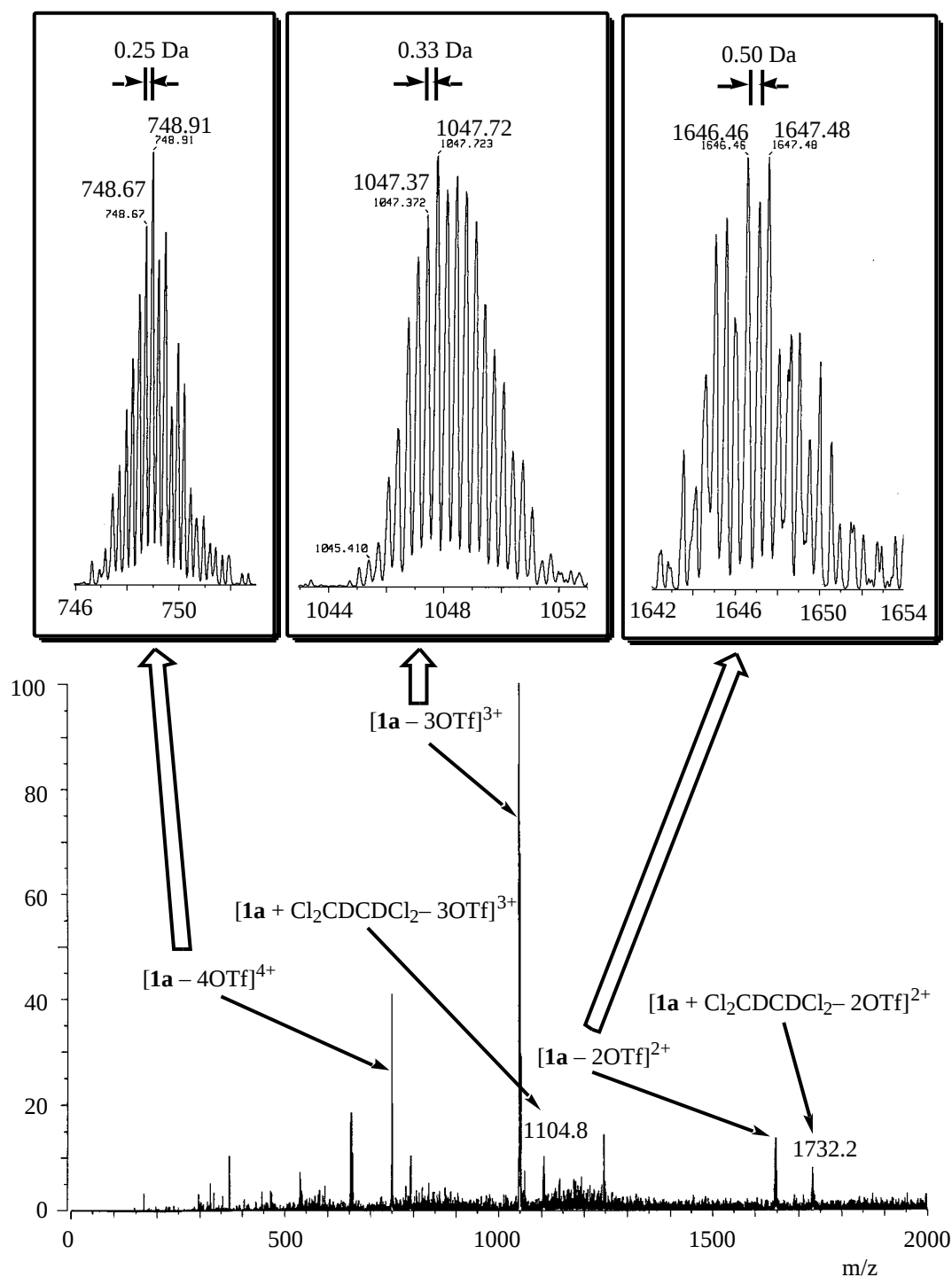


Figure S4. Coldspray ionization MS spectrum of **1a** (2:3 mixture of **2** and **5**) (needle voltage: 2.4 kV; needle current: 300-700 nA; orifice voltage: 76 V; ringlens voltage: 300 V; ion source temperature: 298 K; flow rate: 17 mL/min; sample concentration: [**2**] = 0.1 mM, [**5**] = 0.15 mM in CH₂Cl₂ : Cl₂CDCDCl₂ : DMF = 100:10:1.3 v/v).