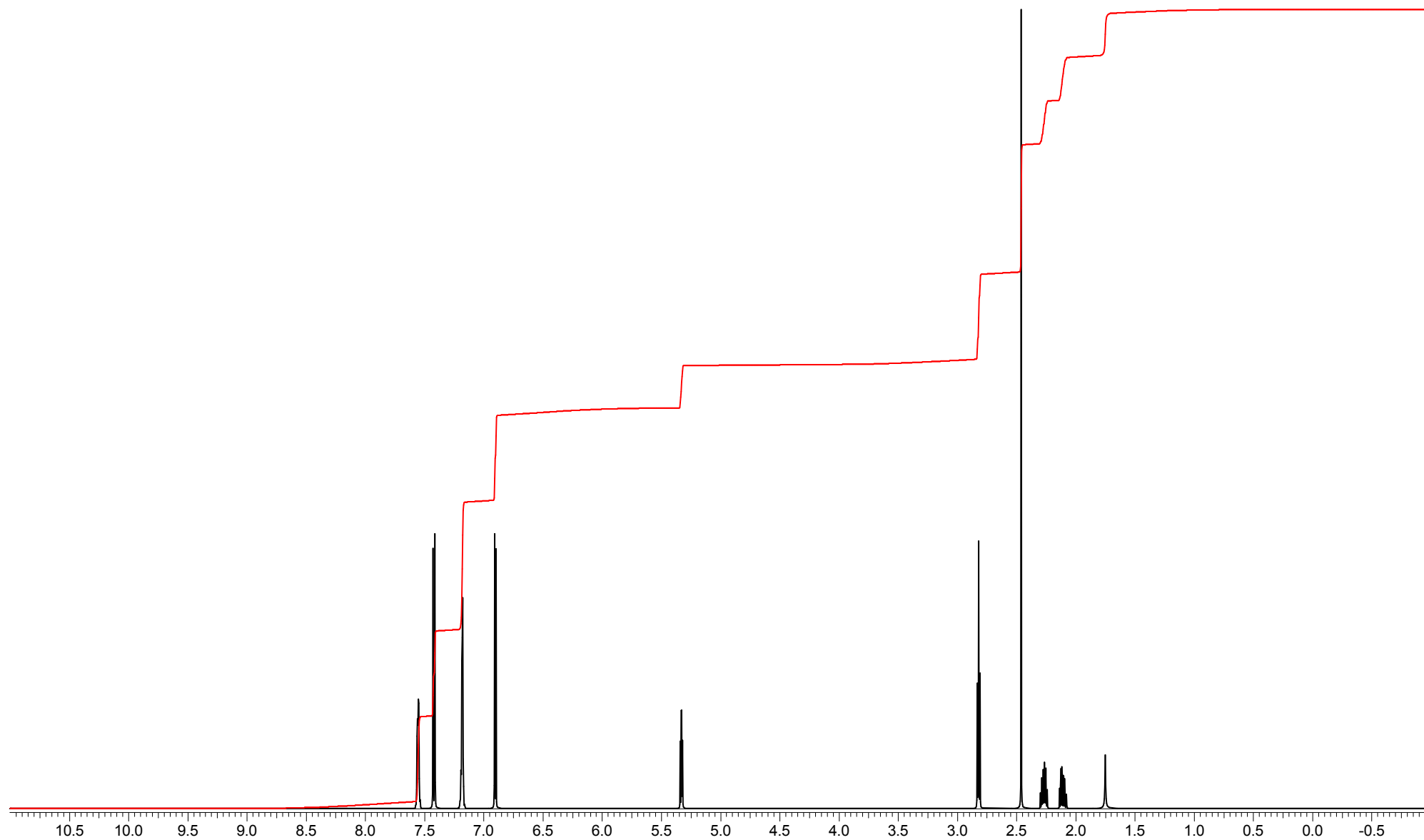
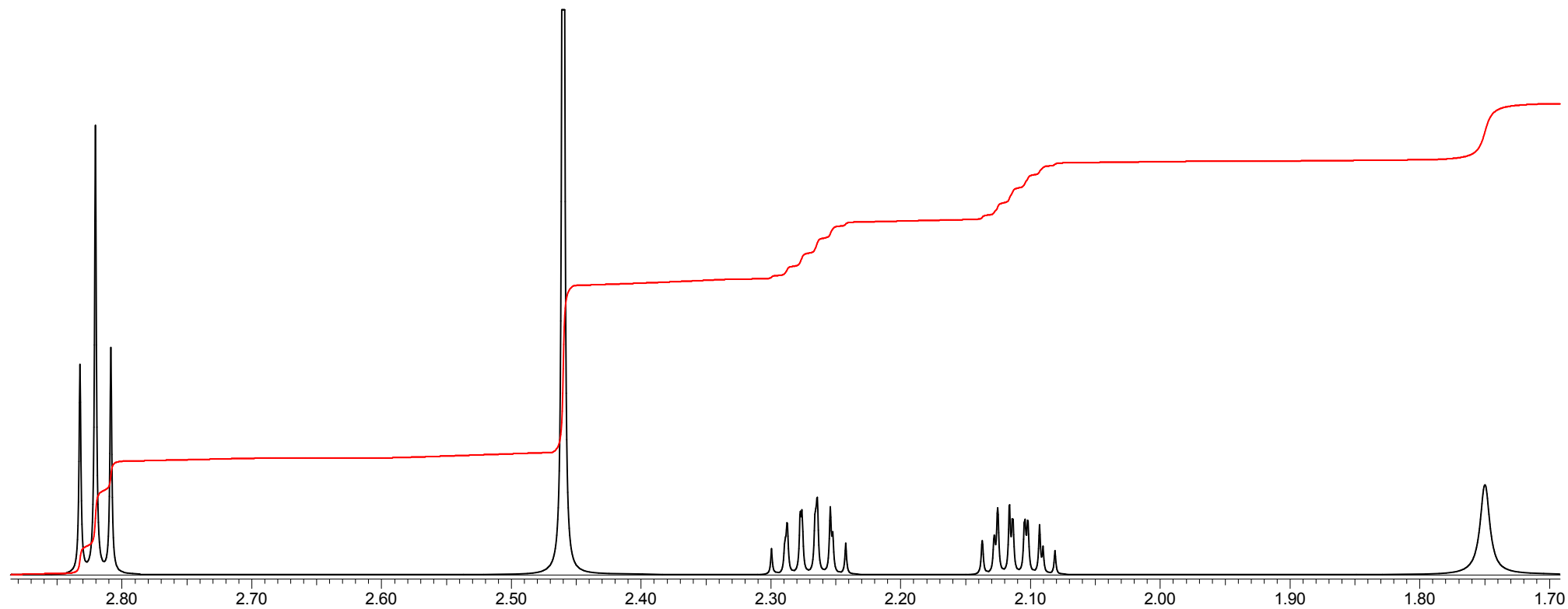
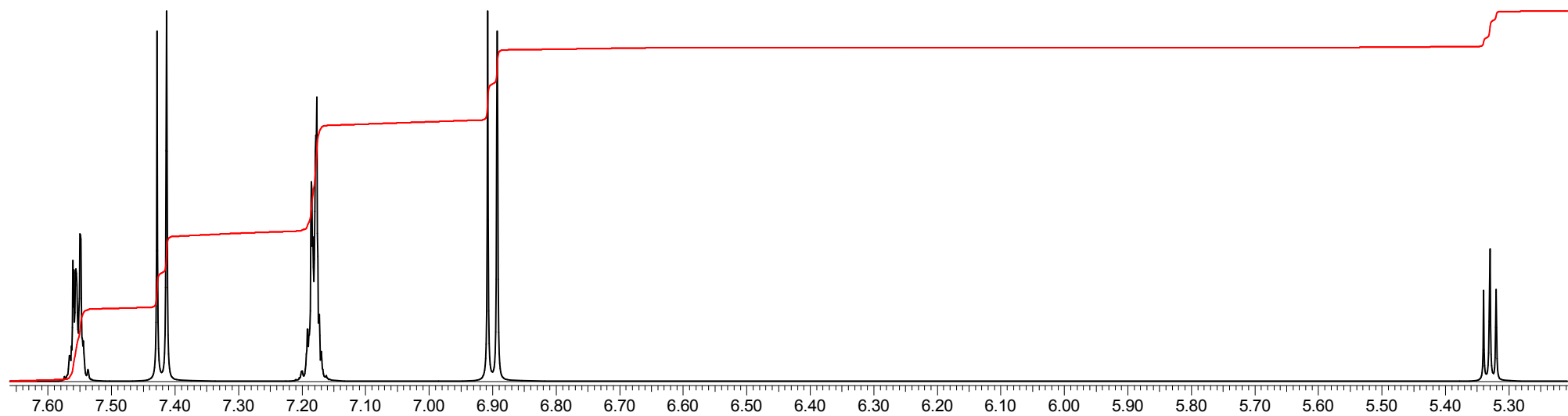


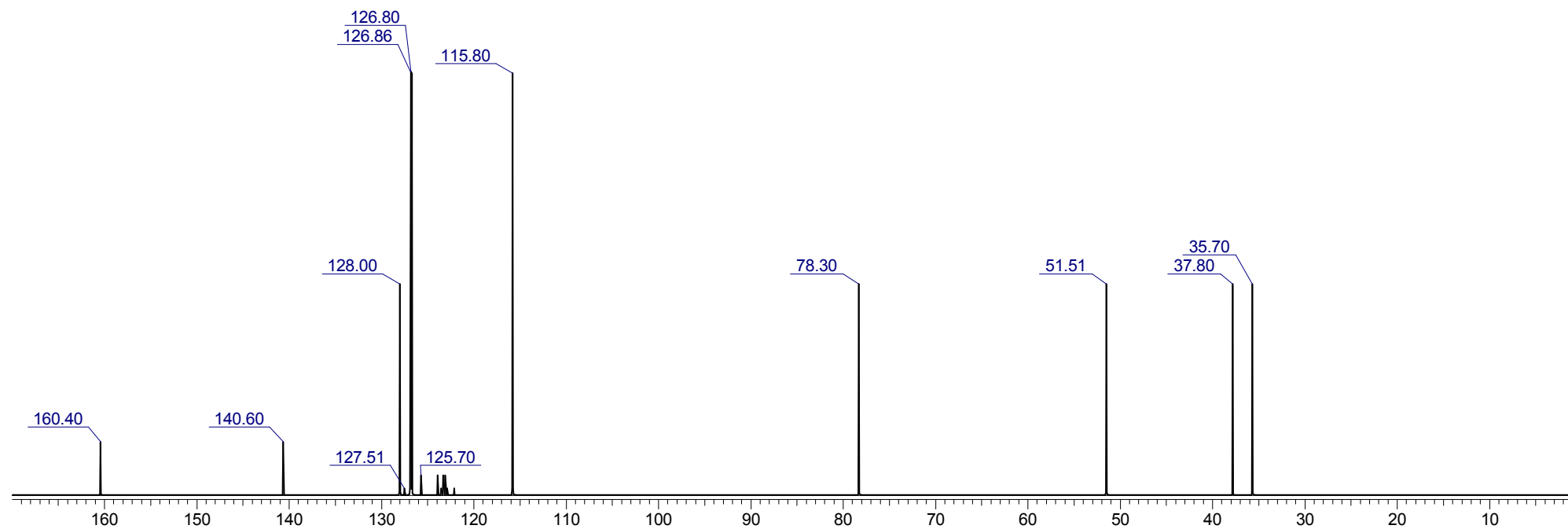
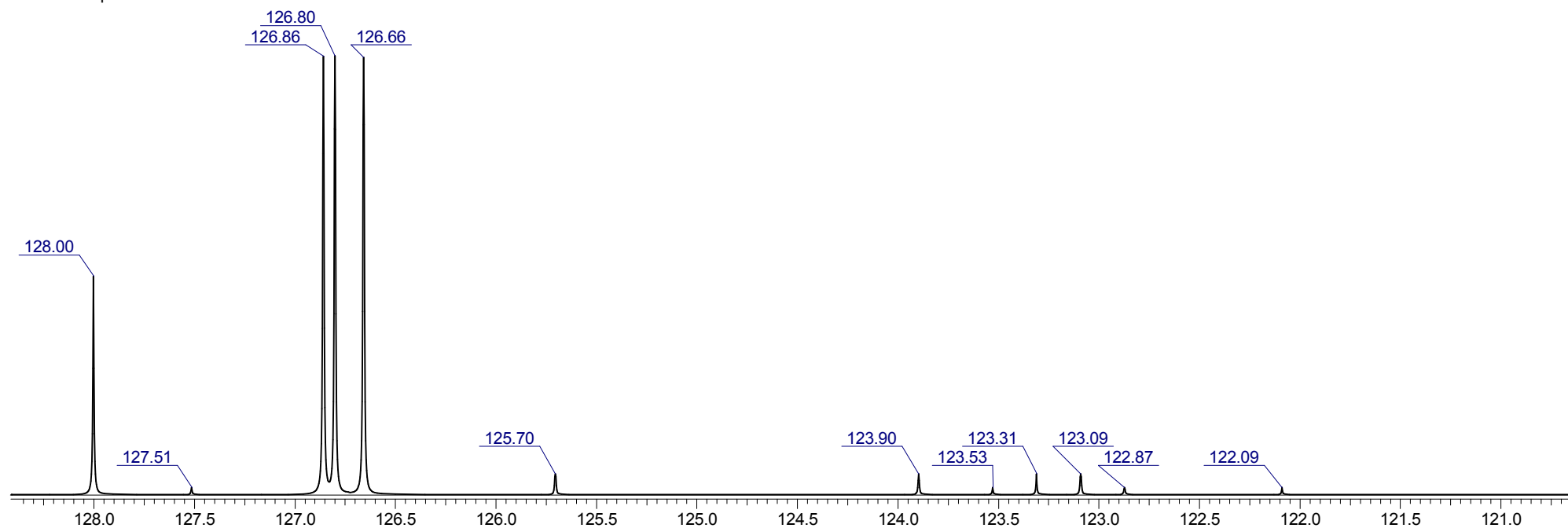
$^1\text{H}$  NMR



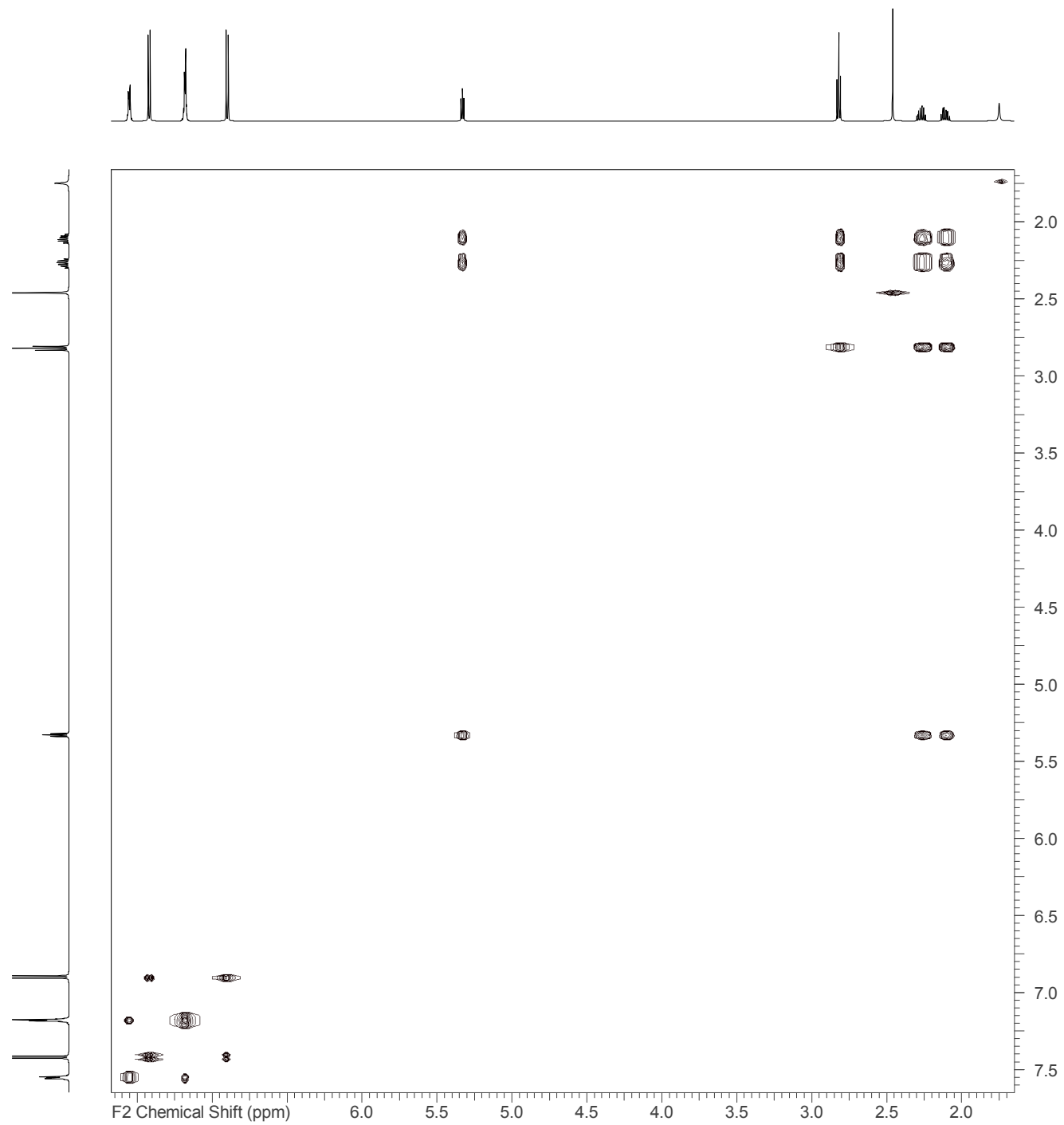
1H NMR expansions



<sup>13</sup>C NMR and expansion

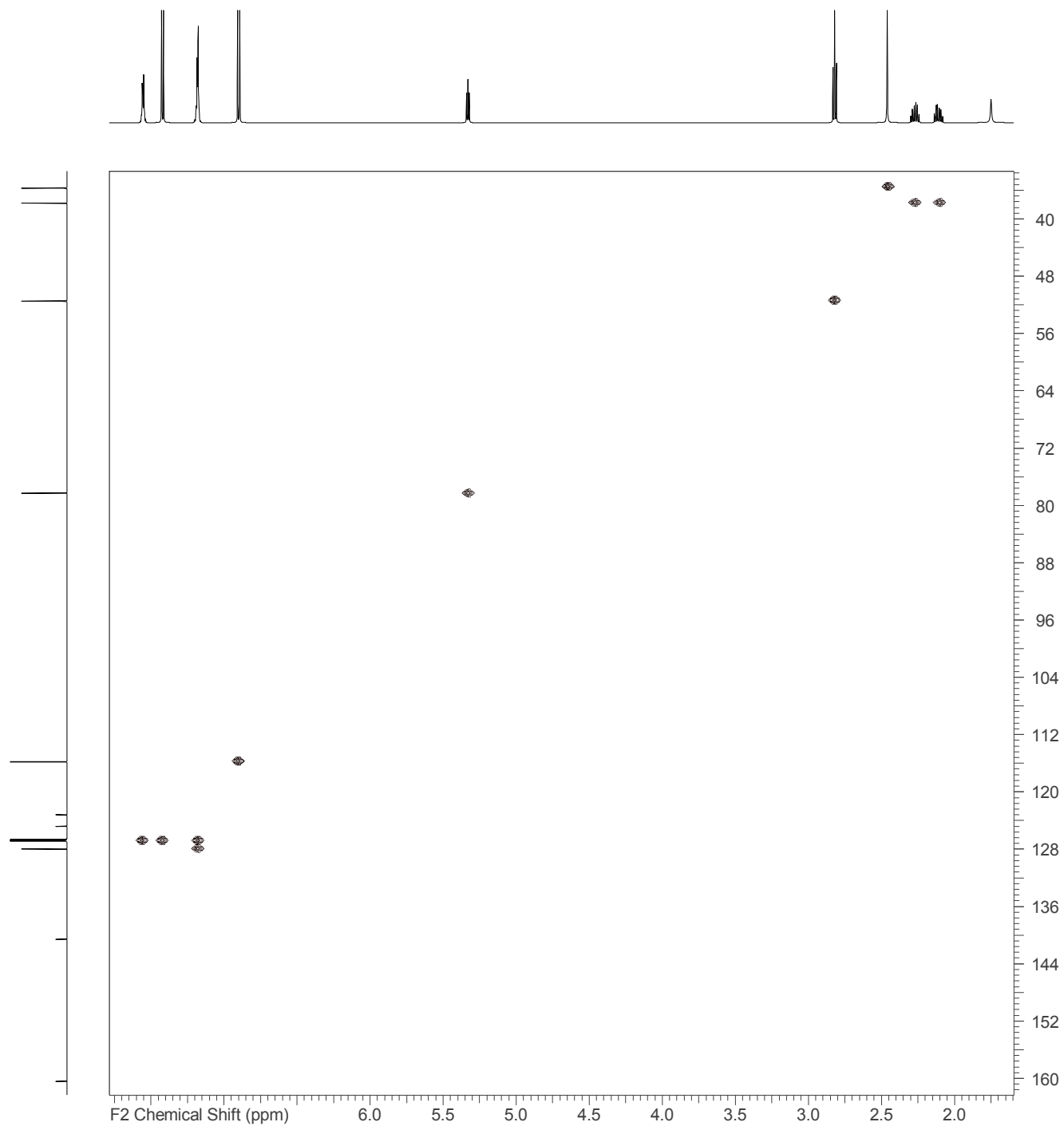


COSY

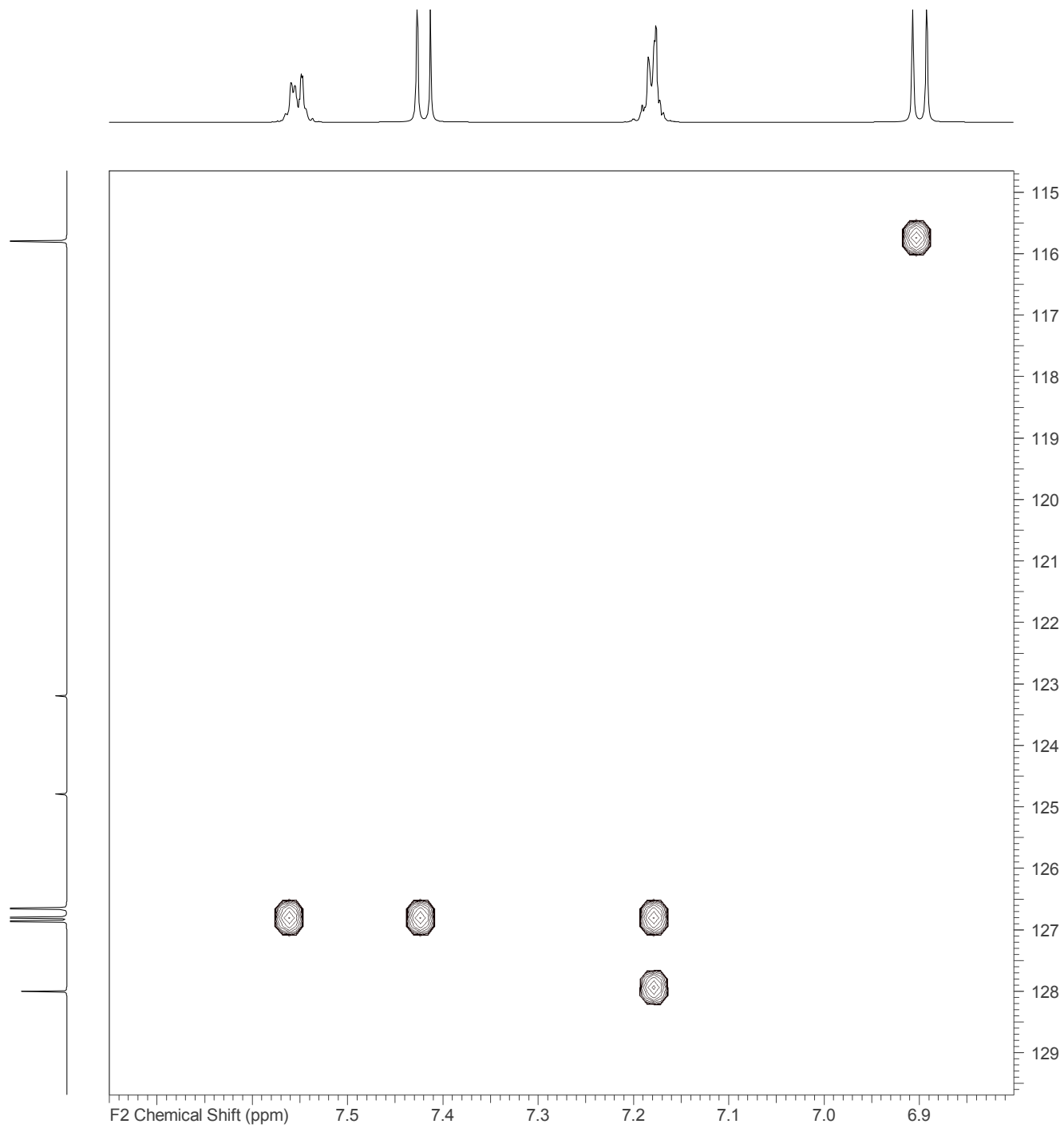


HSQC

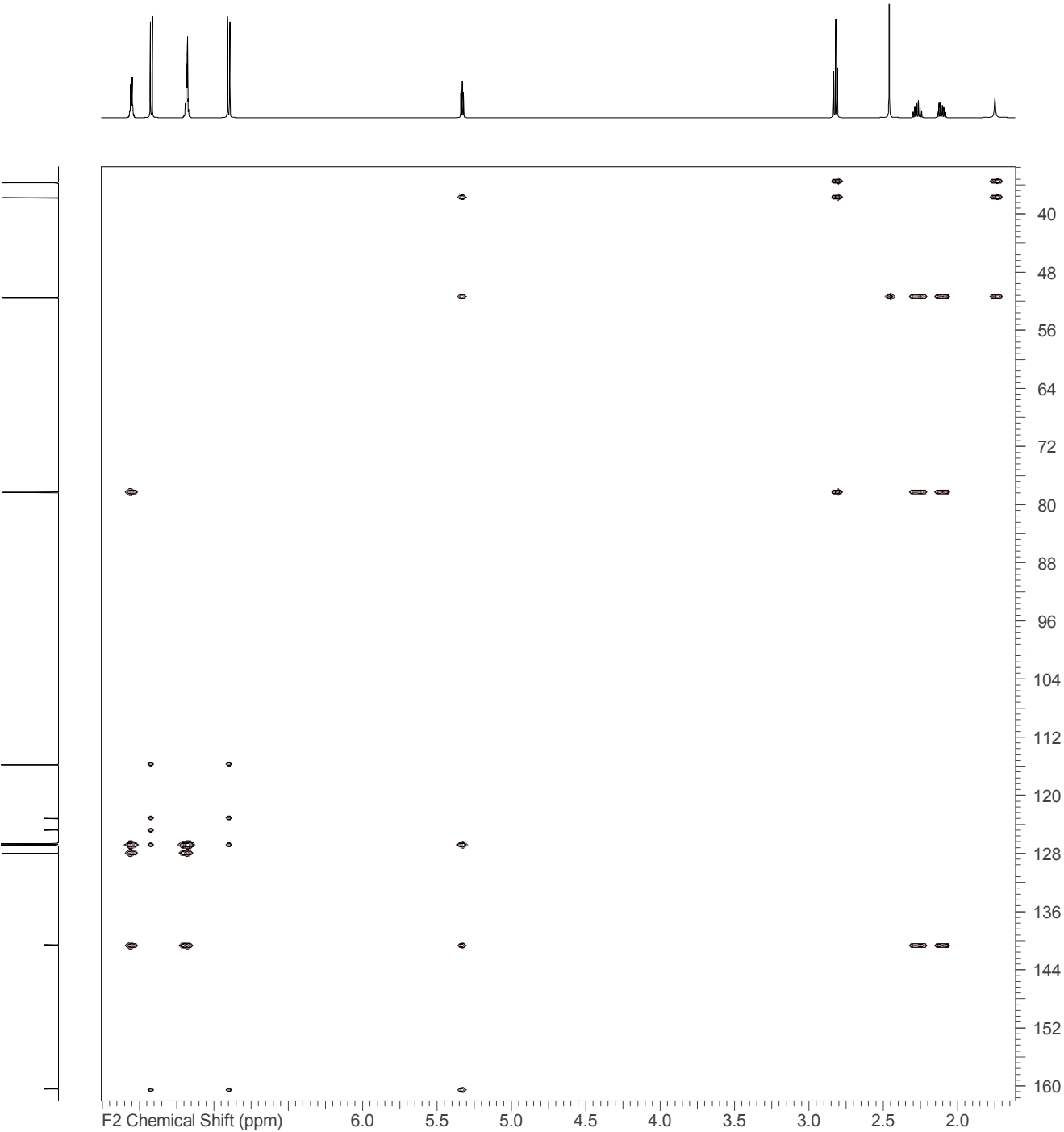
<sup>13</sup>C axis does not  
show coupling to F



HSQC expansion



HMBC



HMBC expansion

