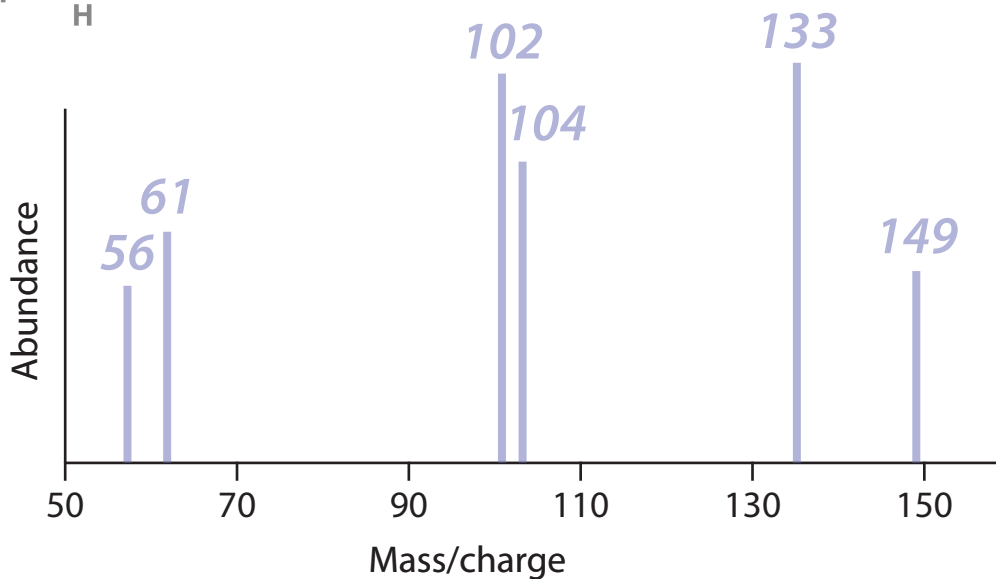
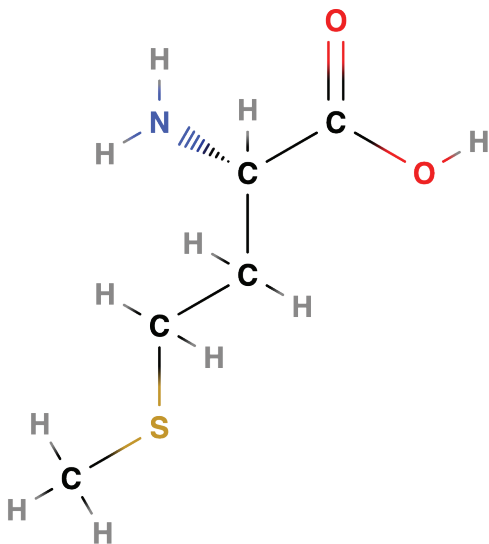
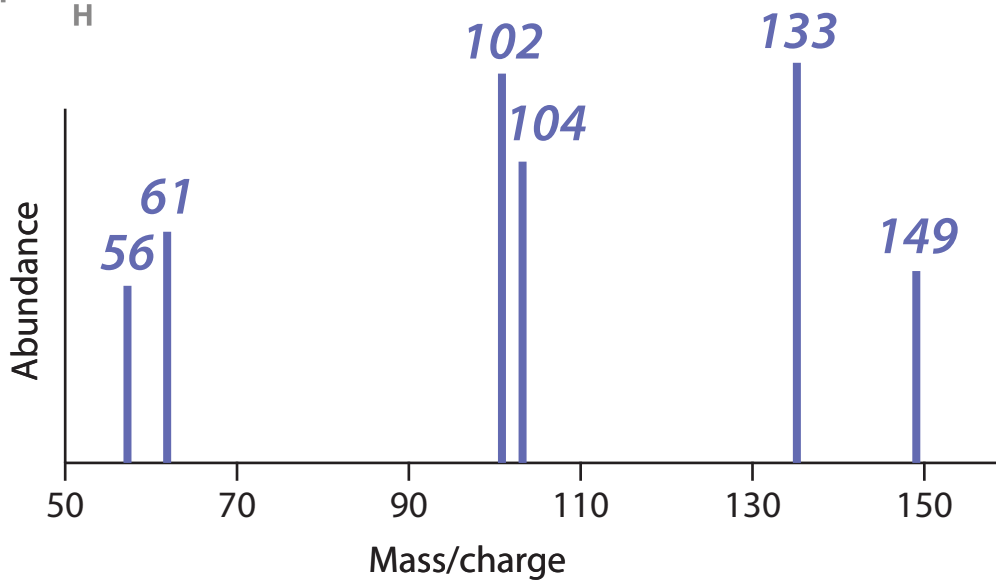
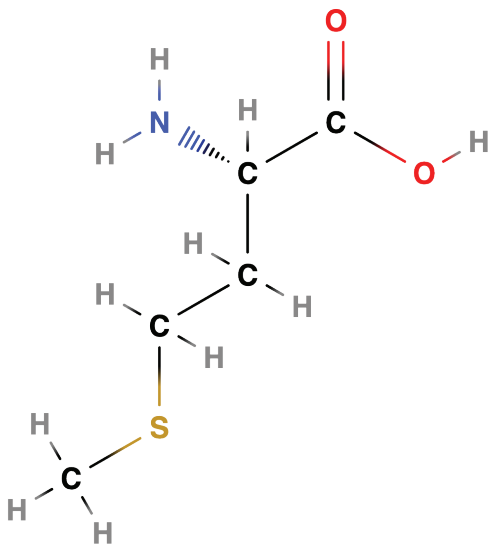


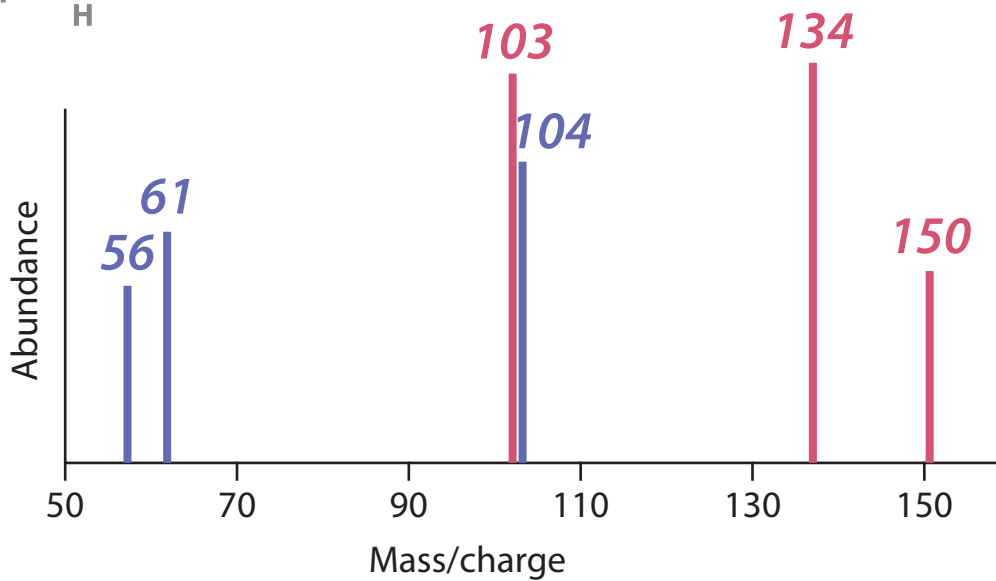
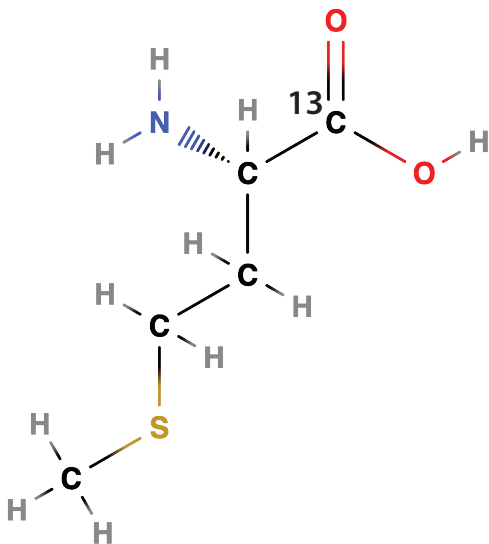
Isotopic substitutions at different positions will change the mass spectrum in different ways



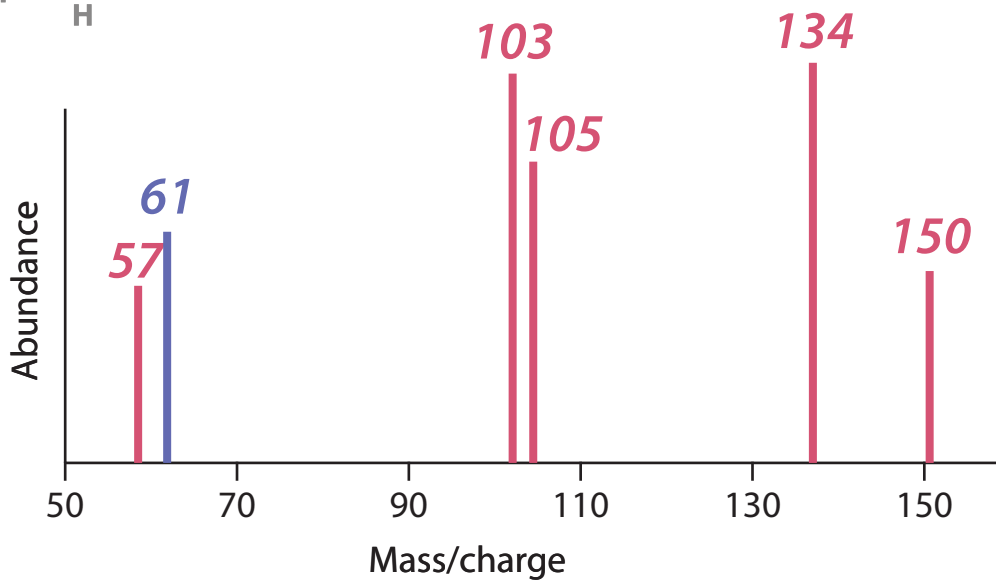
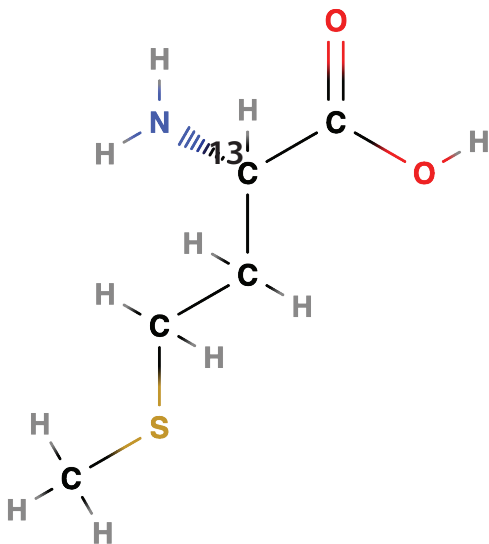
Unsubstituted methionine



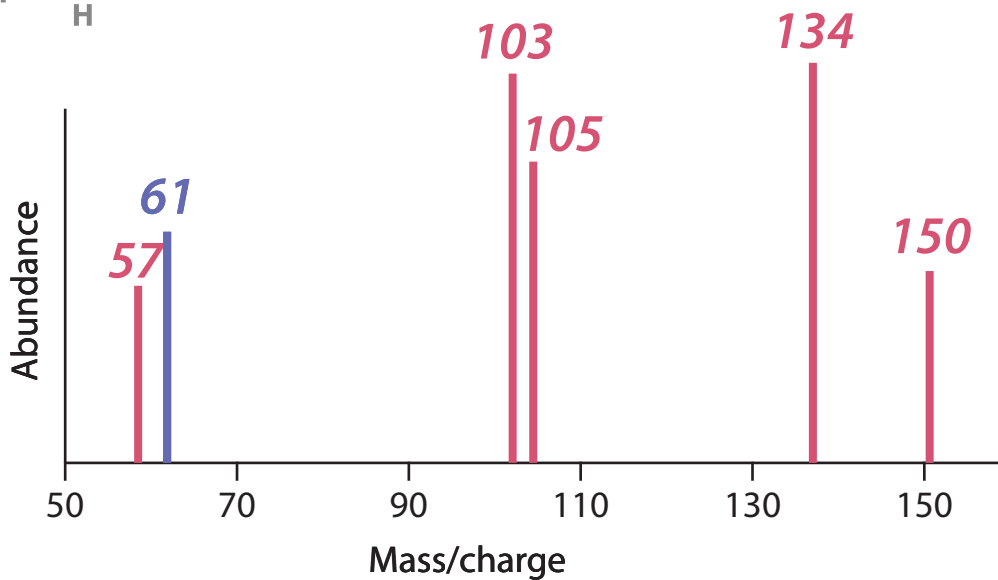
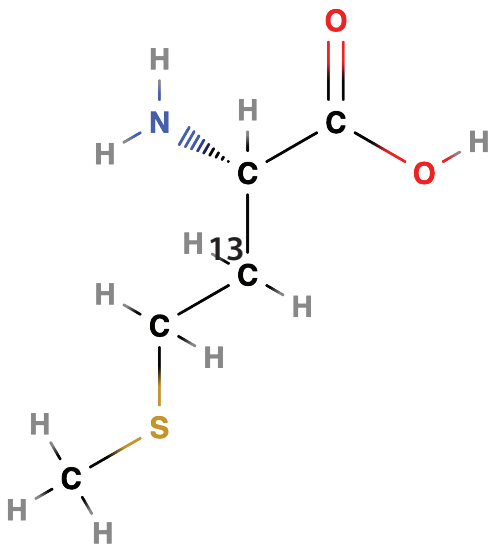
$^{13}\text{C}_1$ -methionine



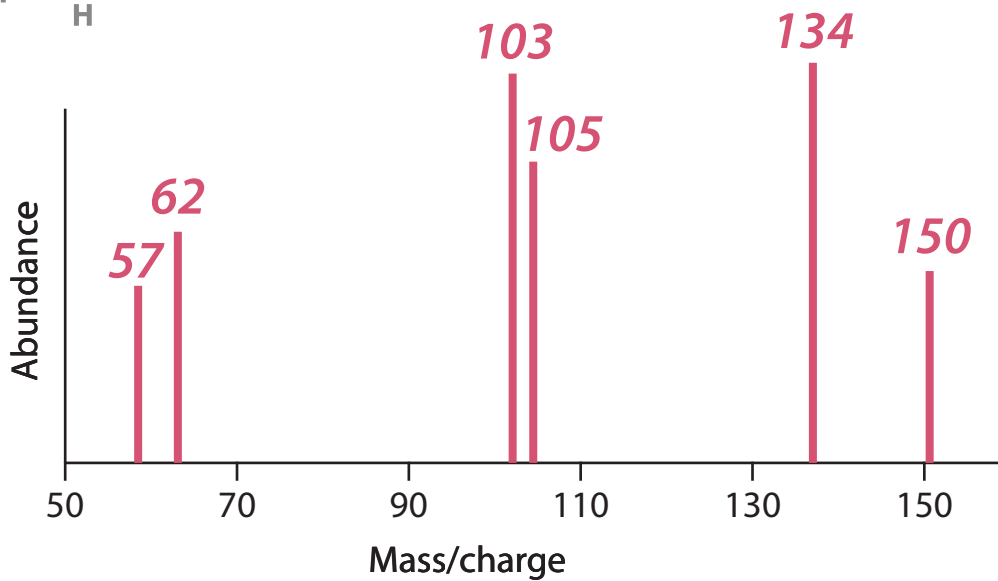
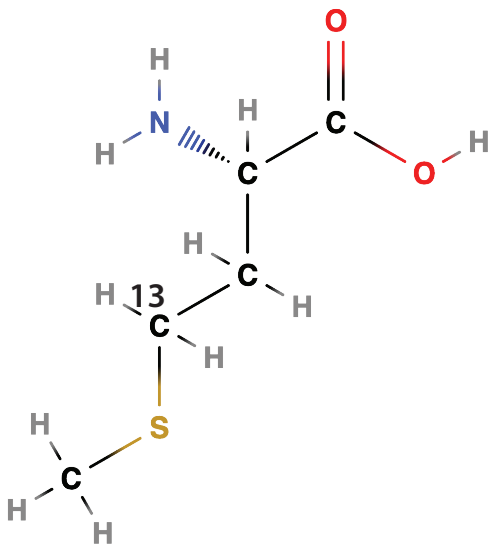
$^{13}\text{C}_2$ -methionine



$^{13}\text{C}_3$ -methionine
(indistinguishable from $^{13}\text{C}_2$)



$^{13}\text{C}_4$ -methionine



$^{13}\text{C}_5$ -methionine

