

**Supplementary Materials**  
**Plant poisons in the garden: A human risk assessment**

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Figure S1. Full scan MS/MS spectrum for a) 5-methoxypsoralen, b) 8-methoxypsoralen and c) compound fragmentation.<sup>68</sup>

Figure S2. Full scan MS/MS for a) aconitine and b) compound fragmentation.<sup>69</sup>

Figure S3. Full scan MS/MS for a) atropine and b) compound fragmentation.<sup>70</sup>

Figure S4. Full scan MS/MS for a) cathinone and b) compound fragmentation.

Figure S5. Full scan MS/MS for a) colchicine and b) compound fragmentation.<sup>71</sup>

Figure S6. Full scan MS/MS for a) coumarin and b) compound fragmentation.<sup>72</sup>

Figure S7. Full scan MS/MS spectrum for a) digitoxin and b) compound fragmentation.

Figure S8. Full scan MS/MS spectrum for a) digoxin and b) compound fragmentation.

Figure S9. Full scan MS/MS spectrum for a) hellebrin and b) compound fragmentation.

Figure S10. Full scan MS/MS spectrum for a) psoralen and b) compound fragmentation.<sup>68</sup>

Figure S11. Full scan MS/MS spectrum for a) scopolamine and b) compound fragmentation.<sup>73</sup>

Figure S12. Full scan MS/MS spectrum for a)  $\alpha$ -solanine and b) compound fragmentation.<sup>74</sup>

Figure S13. Full scan MS/MS spectrum for a)  $\alpha$ -thujone and b) compound fragmentation.

Figure S14. Full scan MS/MS spectrum for a) veratridine and b) compound fragmentation.

Figure S15. Standard extracted ion chromatograms for (a) 5- and 8- methoxypsoralen, (b) aconitine, (c) atropine, (d) cathinone, (e) colchicine, (f) coumarin, (g) digitoxin, (h) digoxin, (i) hellebrin, (j) psoralen, (k) scopolamine, (l) solanine, (m) thujone and (n) veratridine.

Figure S1. Full scan MS/MS spectrum for a) 5-methoxypsoralen, b) 8-methoxypsoralen and c) compound fragmentation.<sup>1</sup>

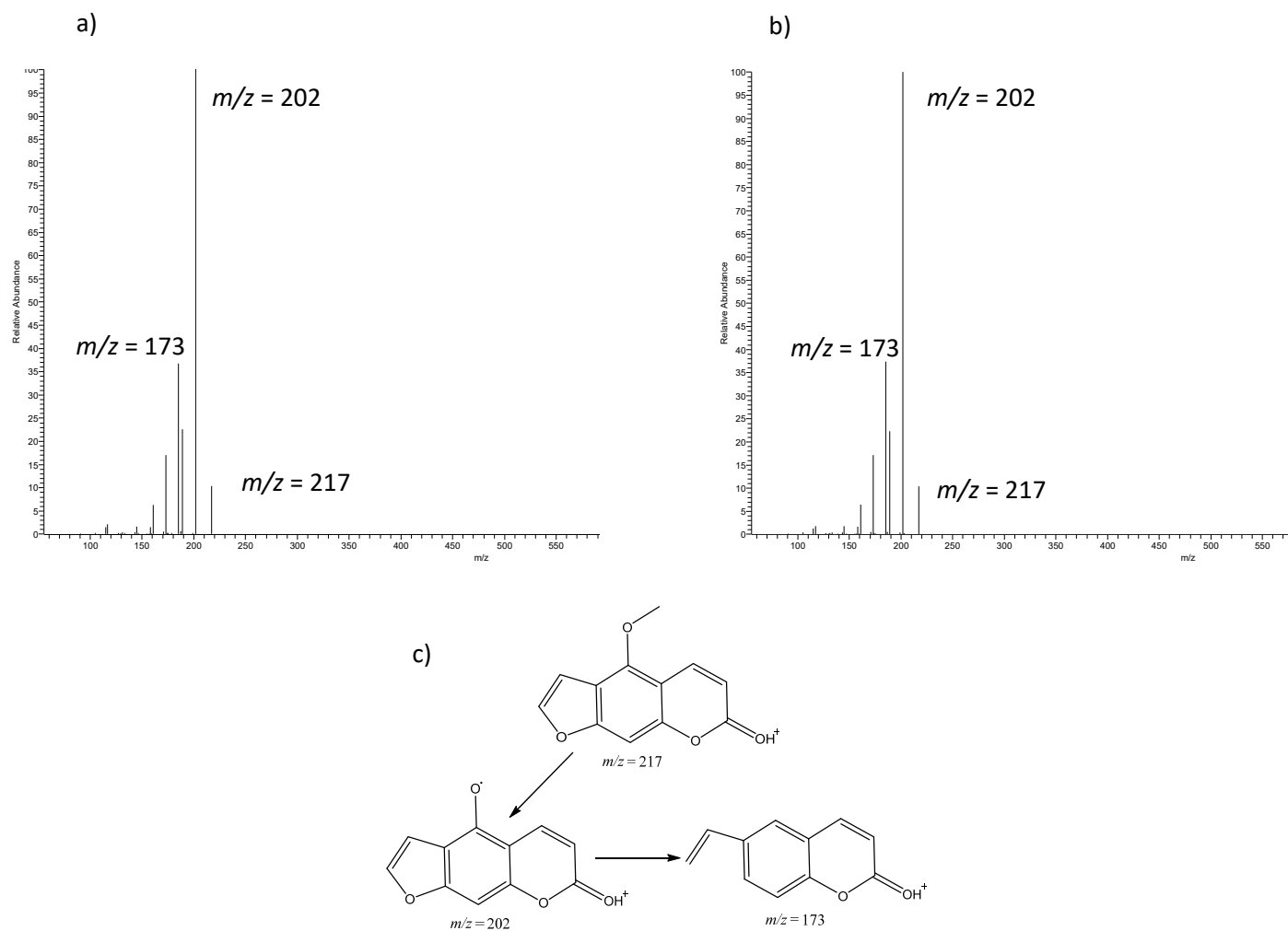
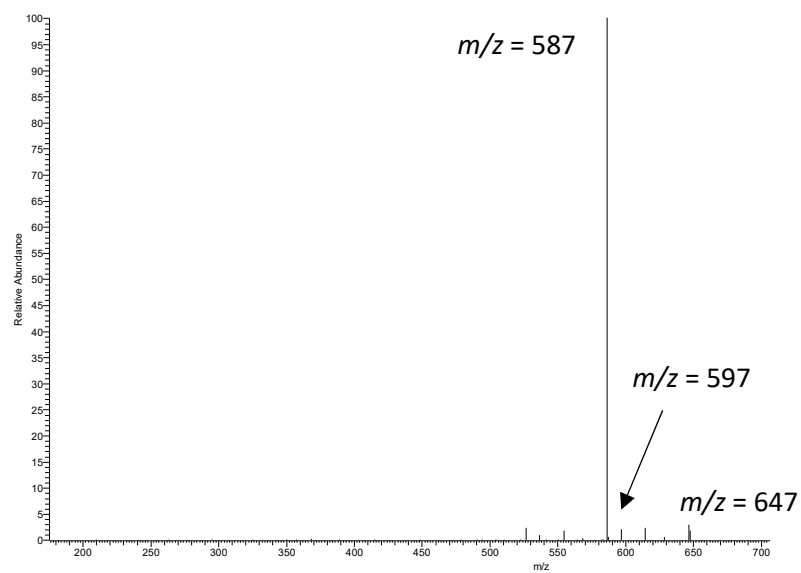


Figure S2. Full scan MS/MS for a) aconitine and b) compound fragmentation.<sup>2</sup>

a)



b)

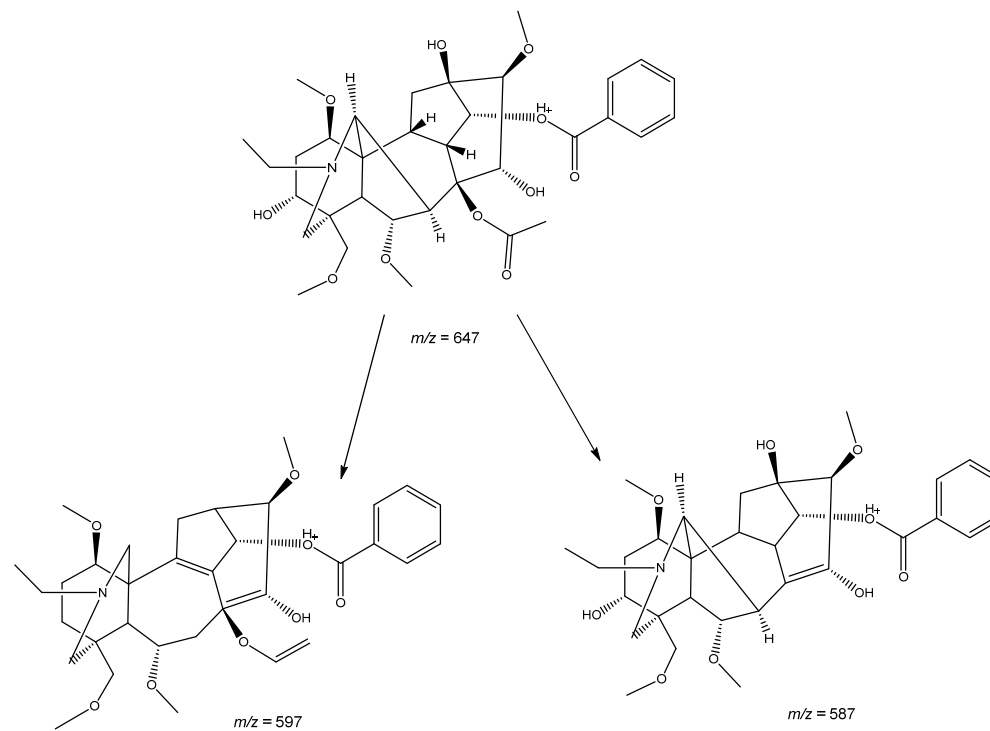
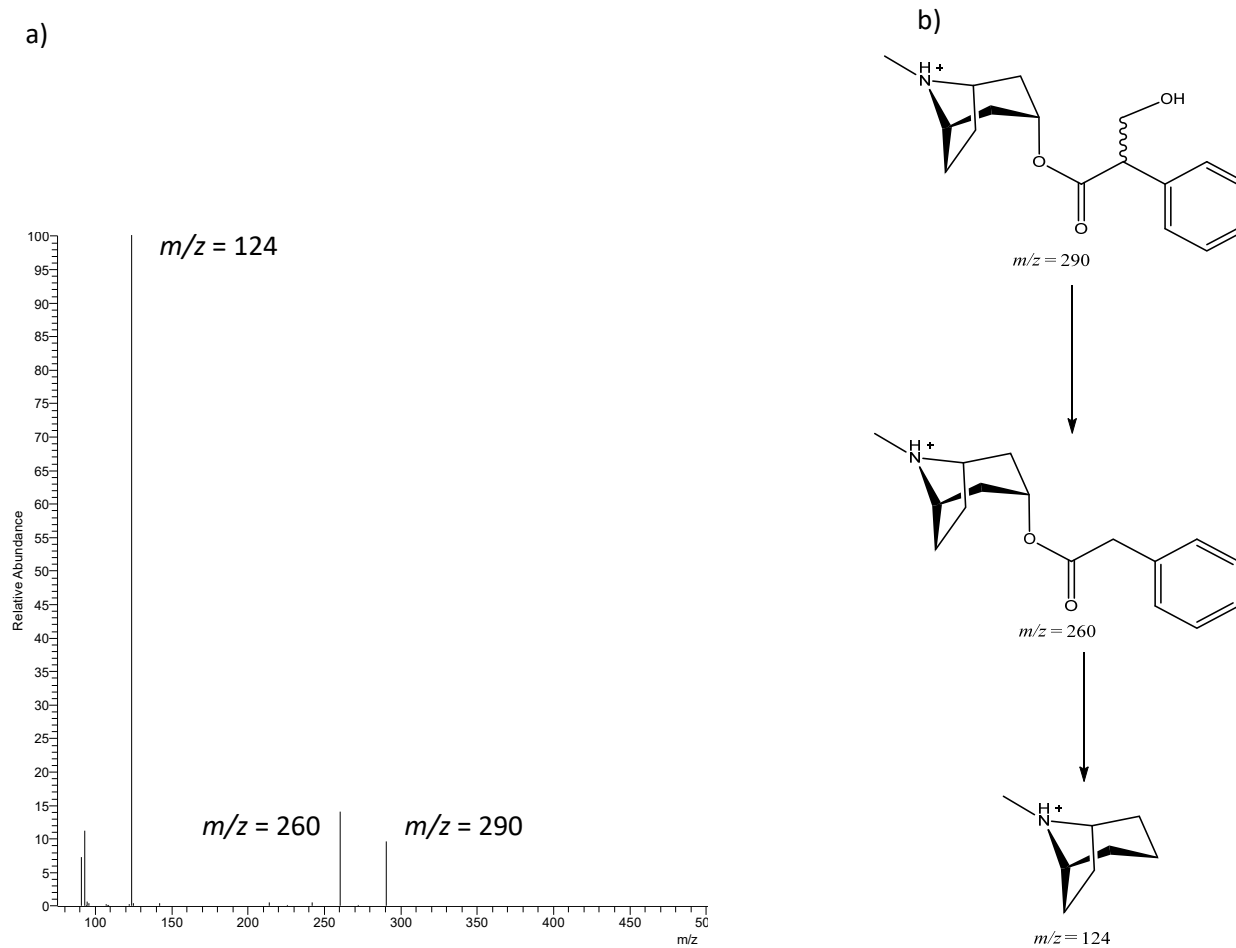


Figure S3. Full scan MS/MS for a) atropine and b) compound fragmentation.<sup>3</sup>



**Figure S4. Full scan MS/MS for a) cathinone and b) compound fragmentation.**

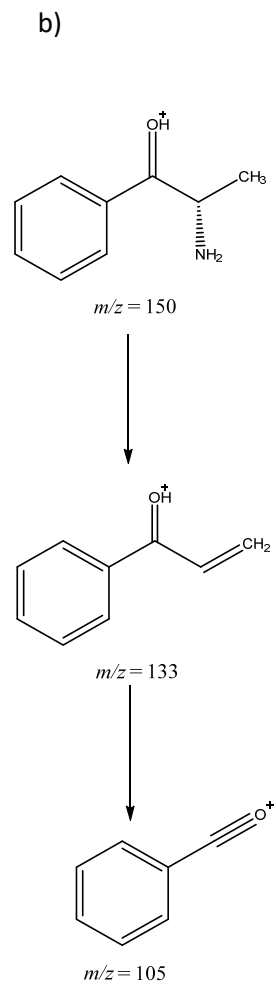
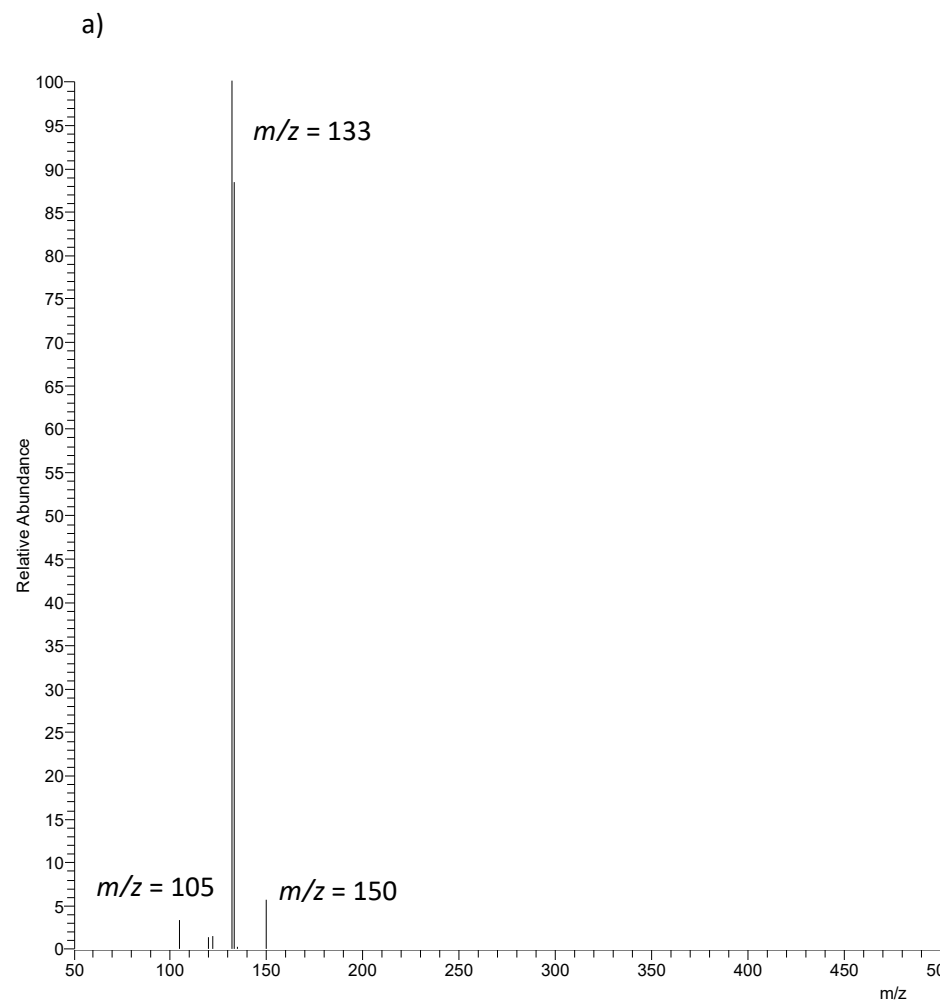


Figure S5. Full scan MS/MS for a) colchicine and b) compound fragmentation.<sup>4</sup>

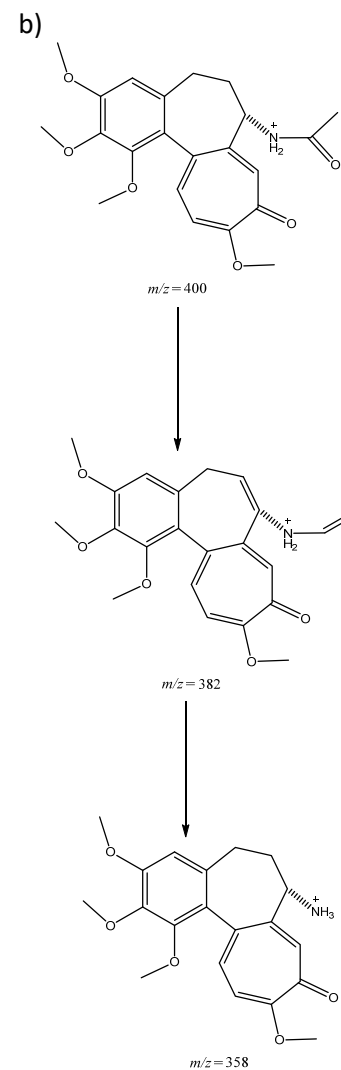
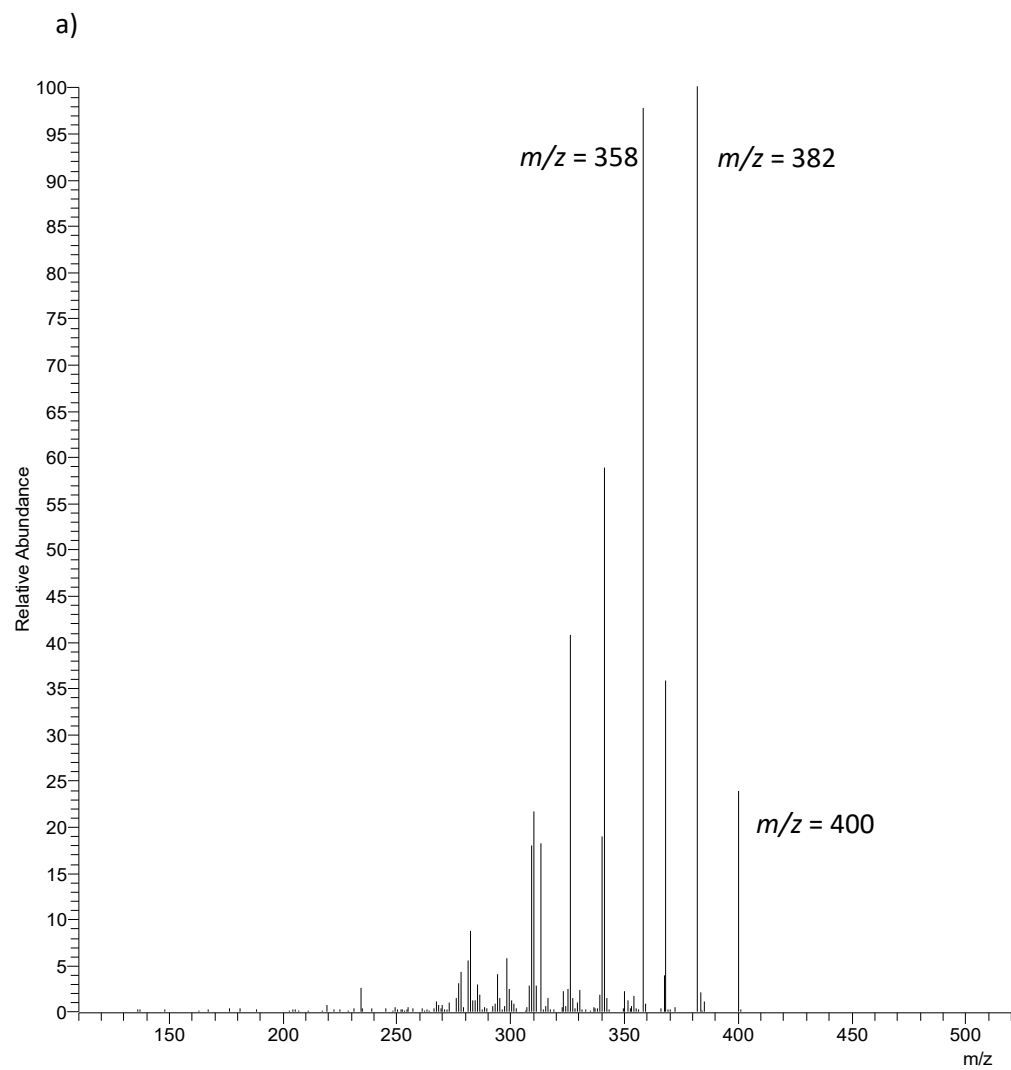


Figure S6. Full scan MS/MS for a) coumarin and b) compound fragmentation.<sup>5</sup>

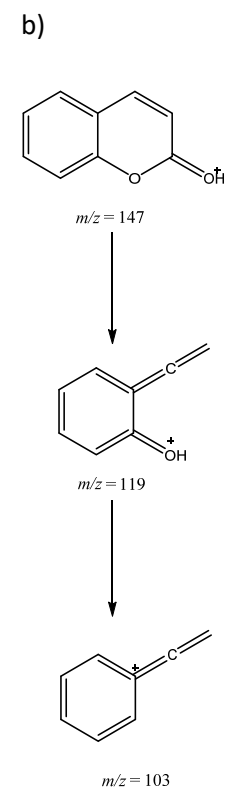
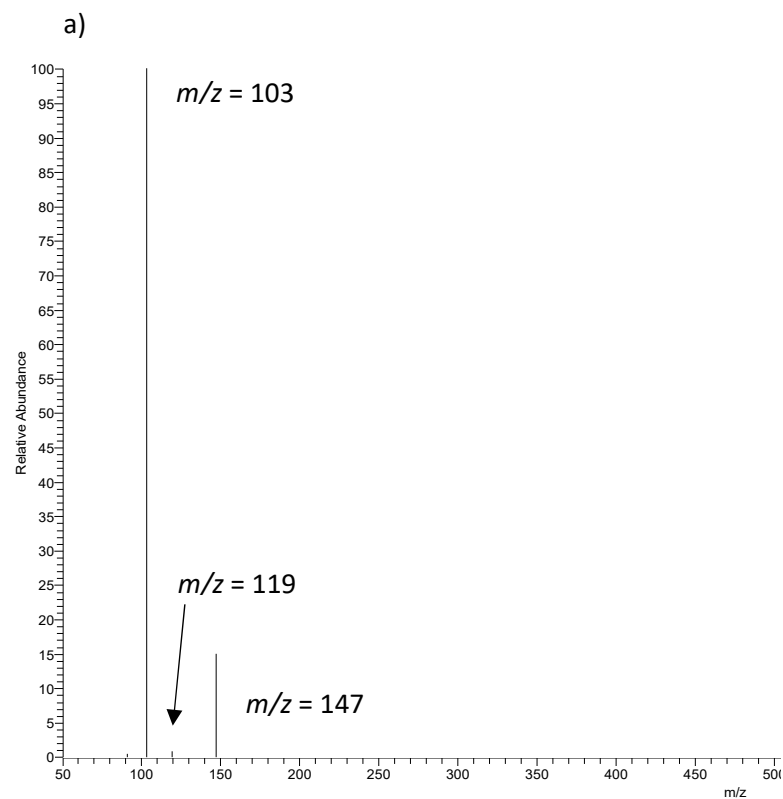
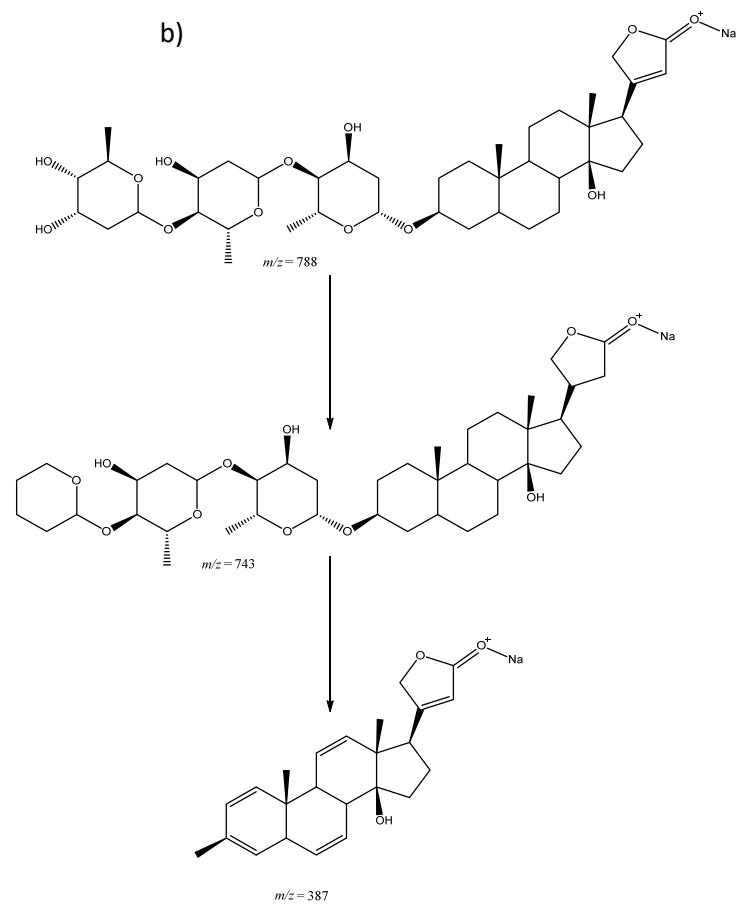
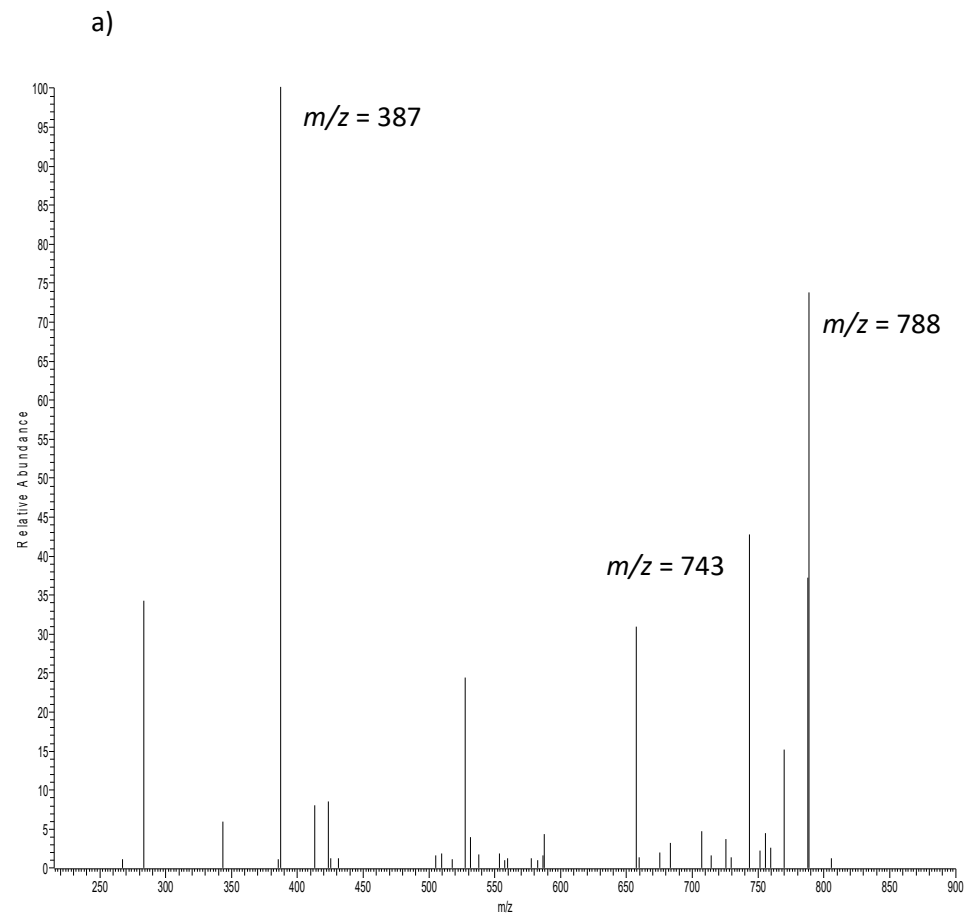


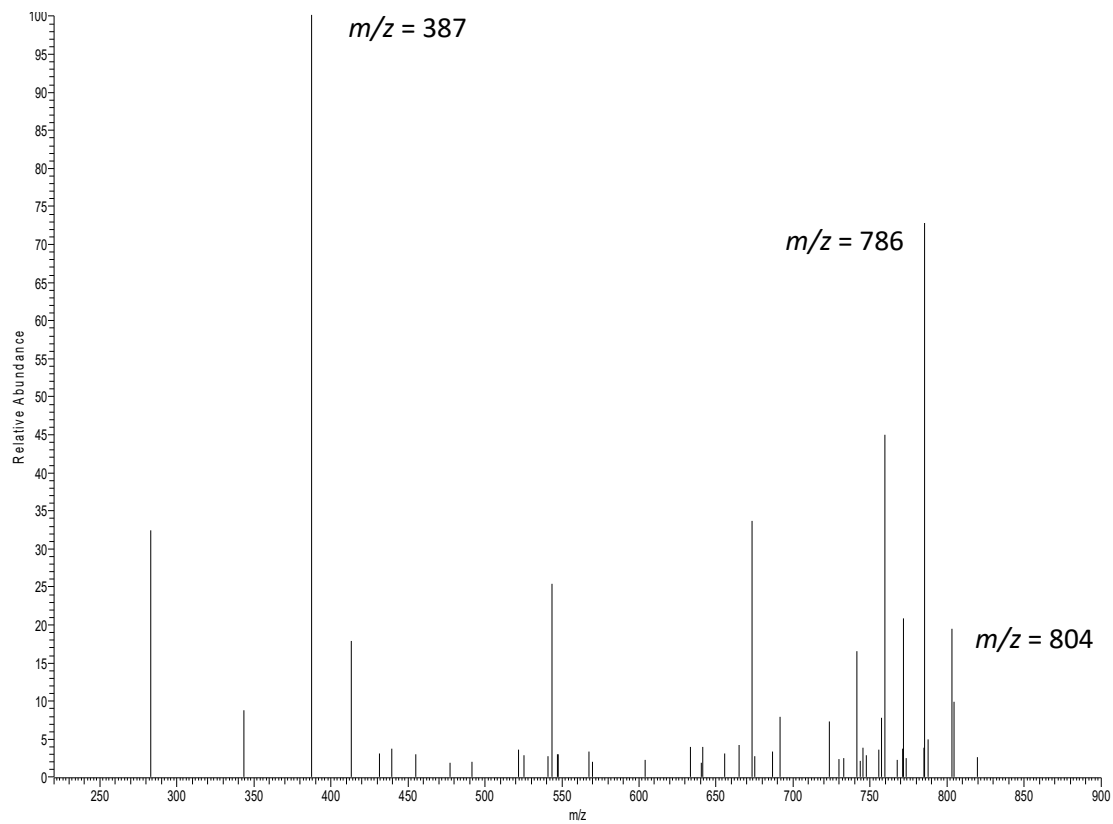
Figure S7. Full scan MS/MS spectrum for a) digitoxin and b) compound fragmentation.





**Figure S8. Full scan MS/MS spectrum for a) digoxin and b) compound fragmentation.**

a)



b)

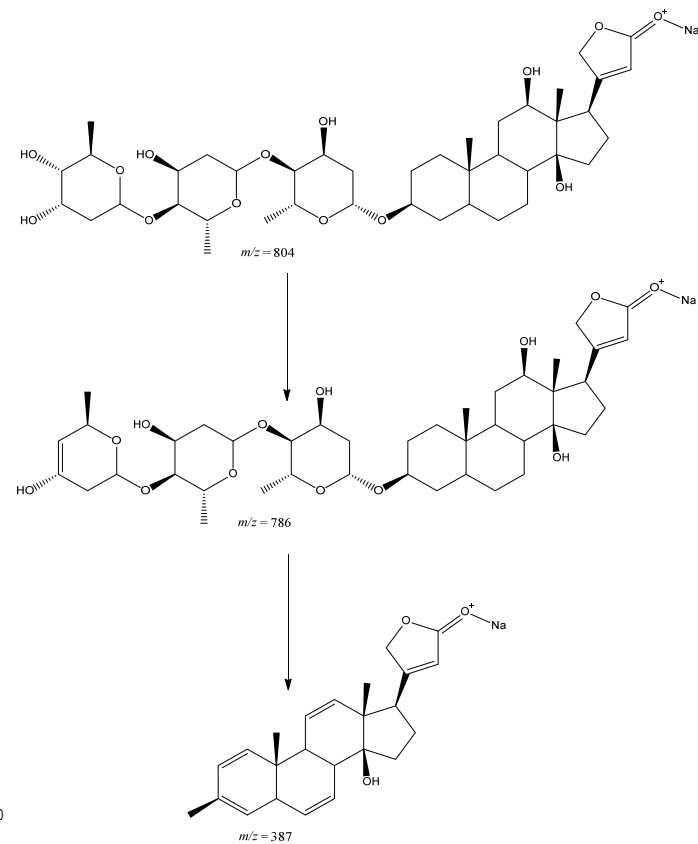


Figure S9. Full scan MS/MS spectrum for a) hellebrin and b) compound fragmentation.

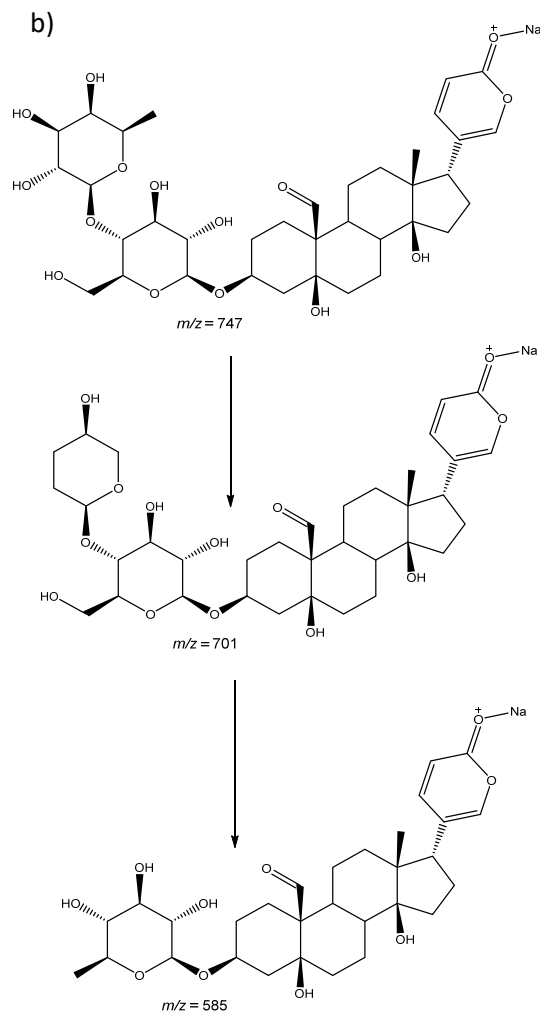
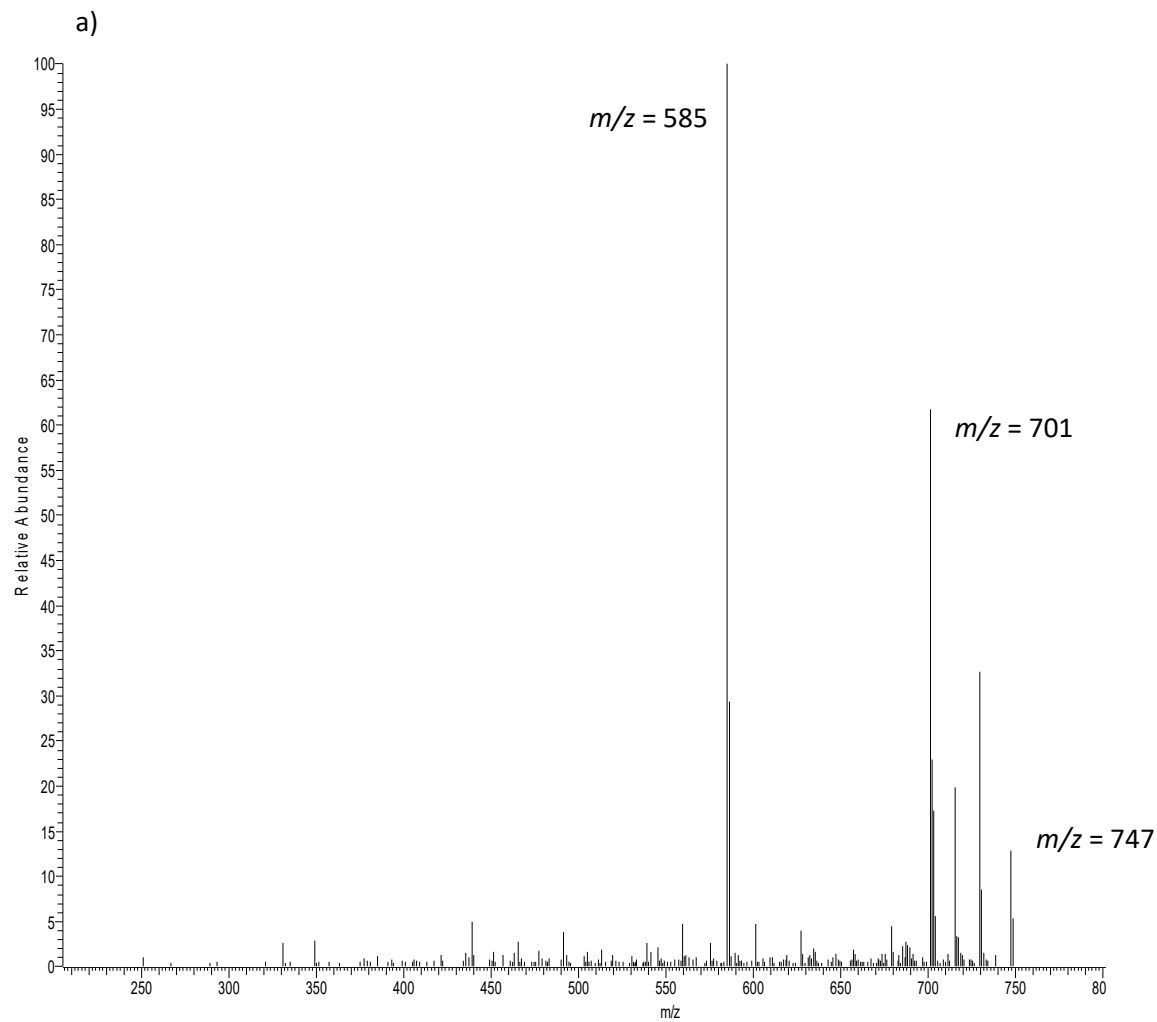


Figure S10. Full scan MS/MS spectrum for a) psoralen and b) compound fragmentation.<sup>1</sup>

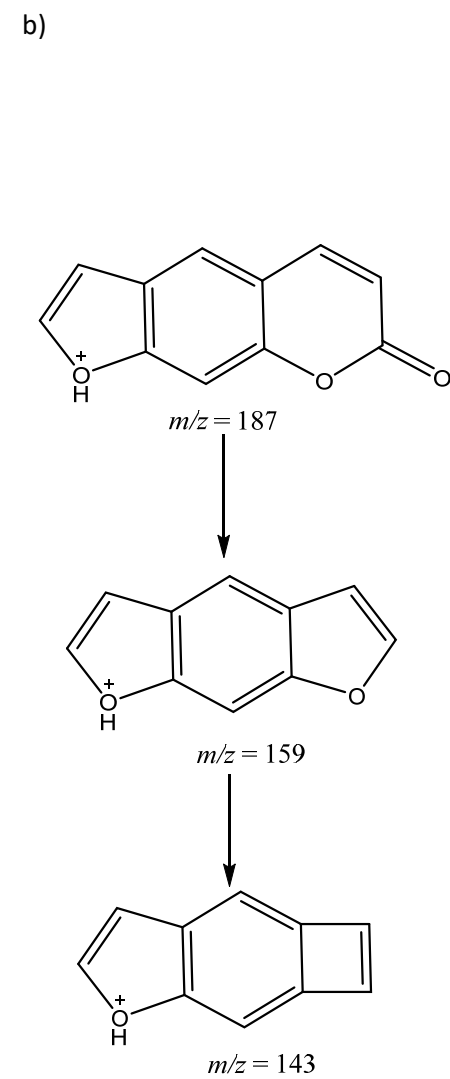
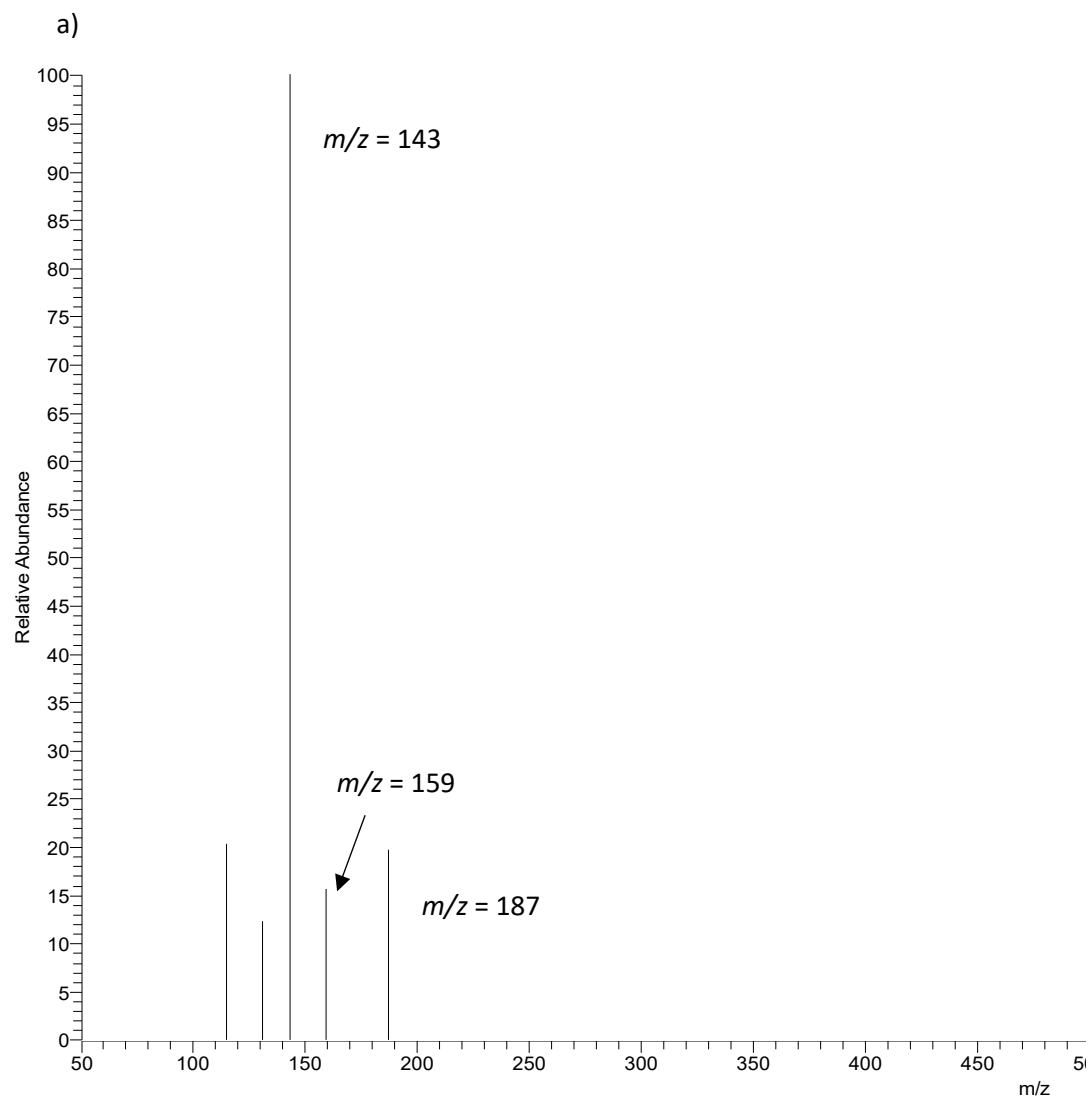


Figure S11. Full scan MS/MS spectrum for a) scopolamine and b) compound fragmentation.<sup>6</sup>

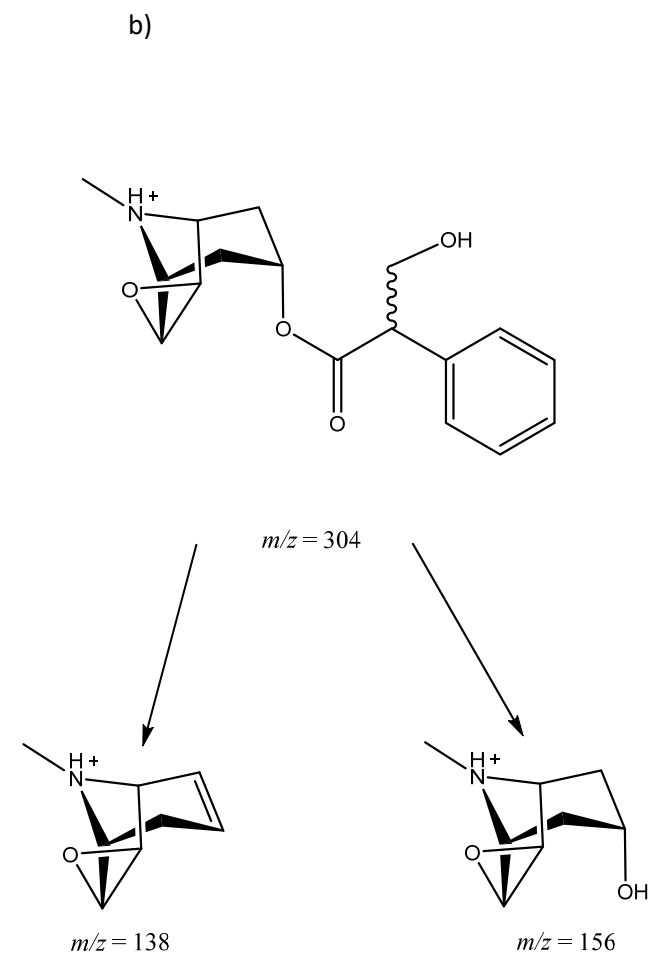
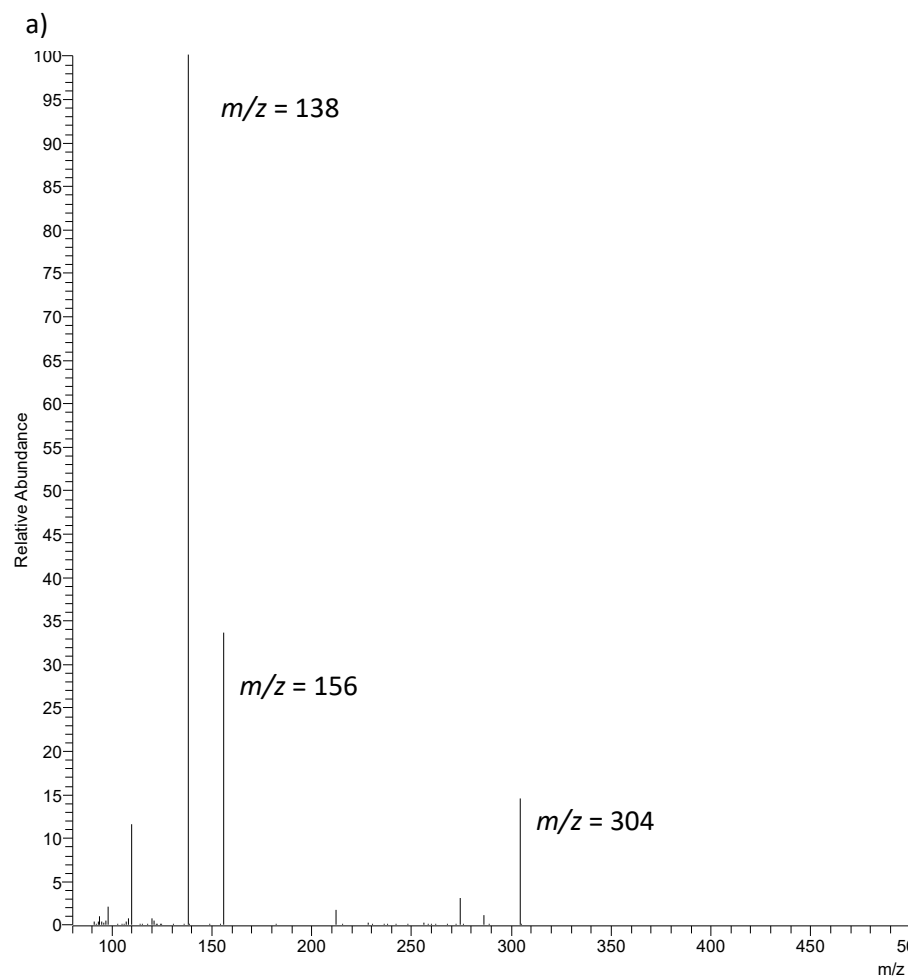


Figure S12. Full scan MS/MS spectrum for a)  $\alpha$ -solanine and b) compound fragmentation.<sup>7</sup>

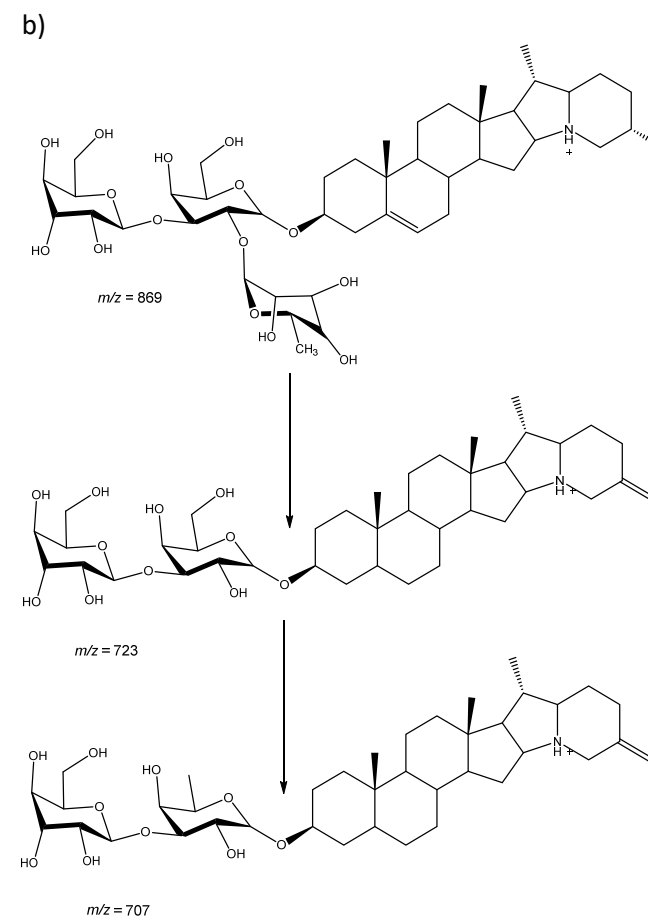
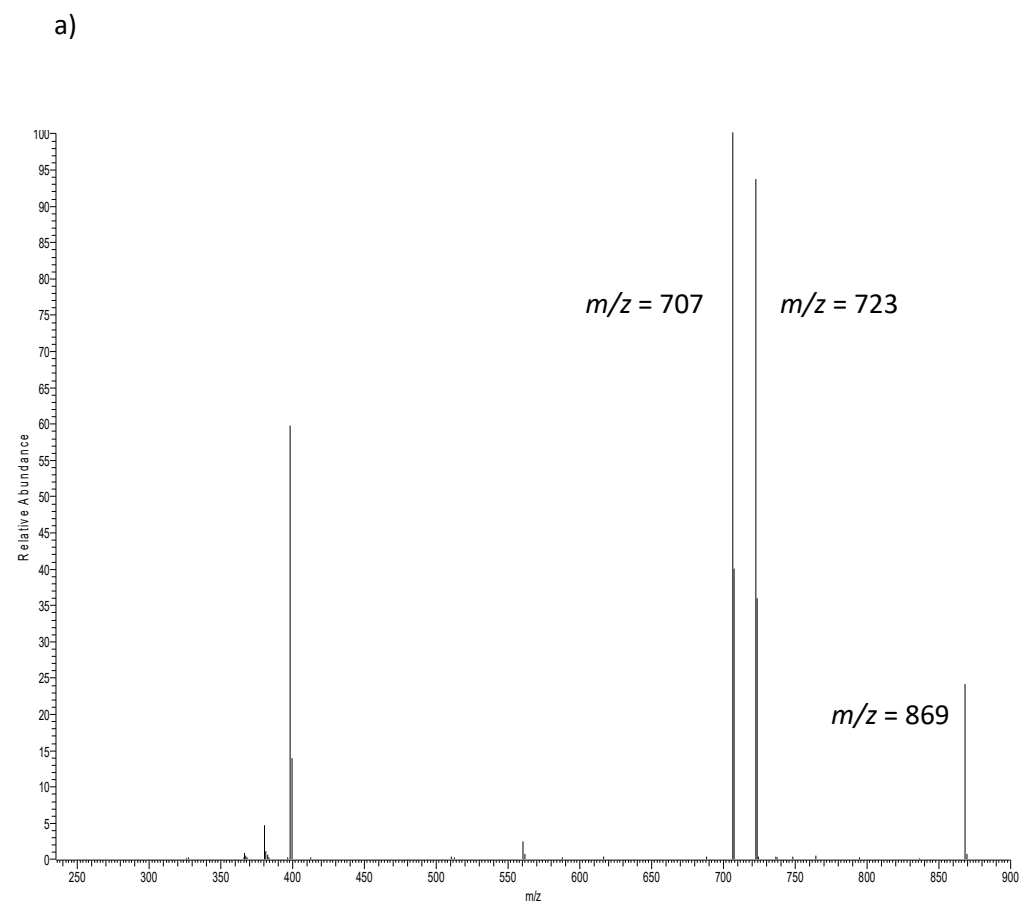


Figure S13. Full scan MS/MS spectrum for a)  $\alpha$ -thujone and b) compound fragmentation.

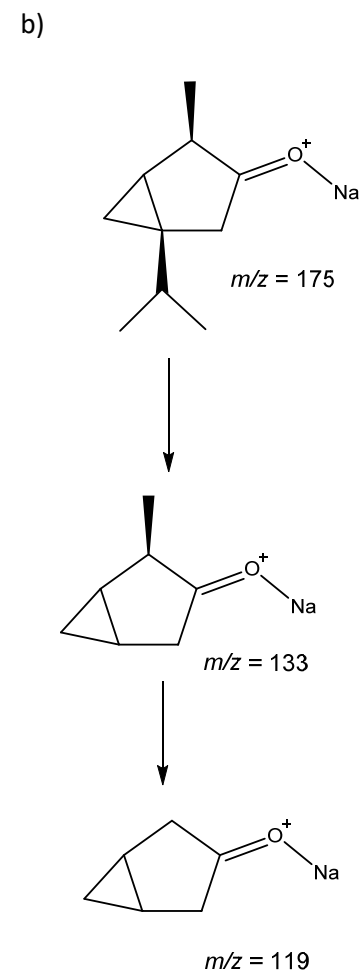
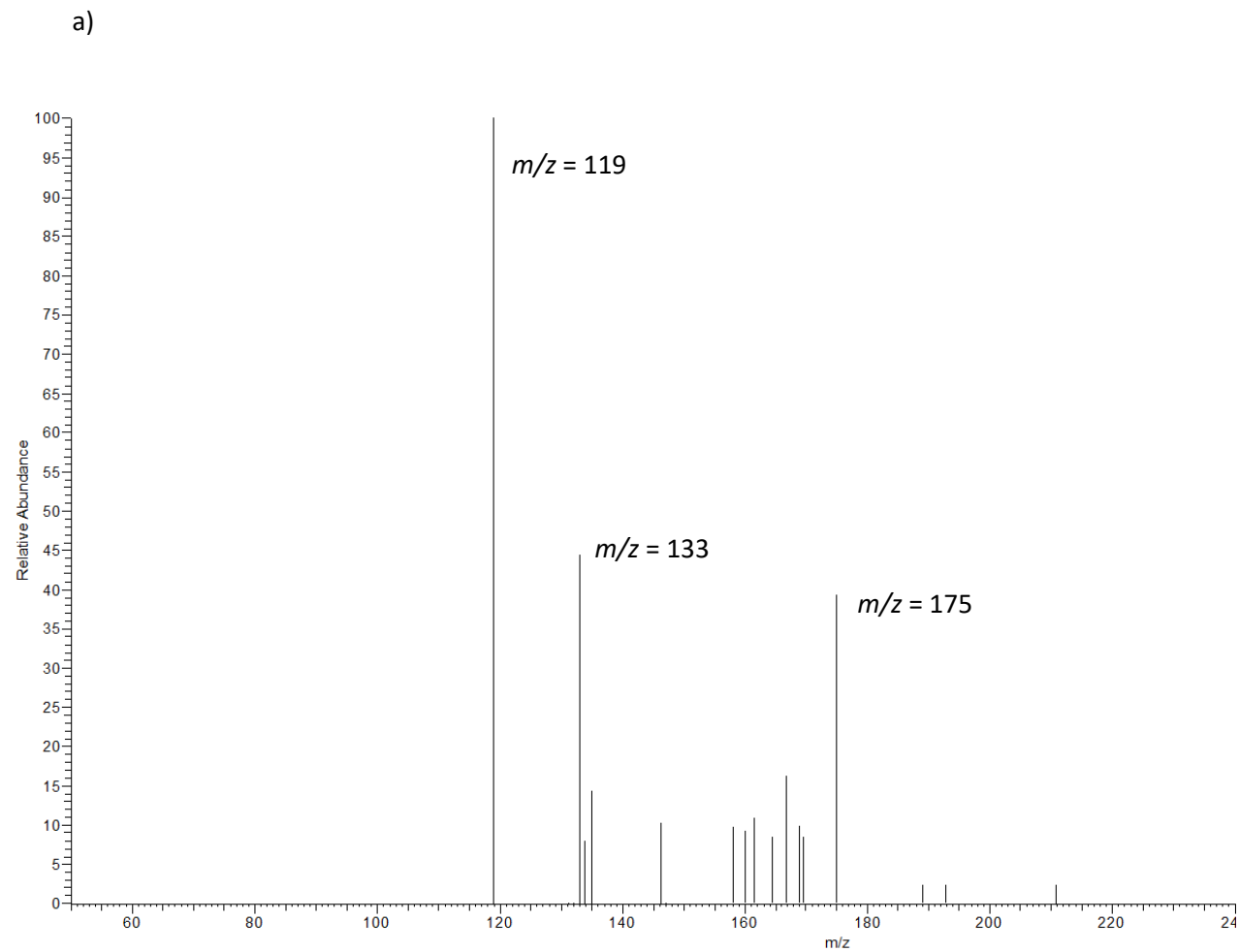
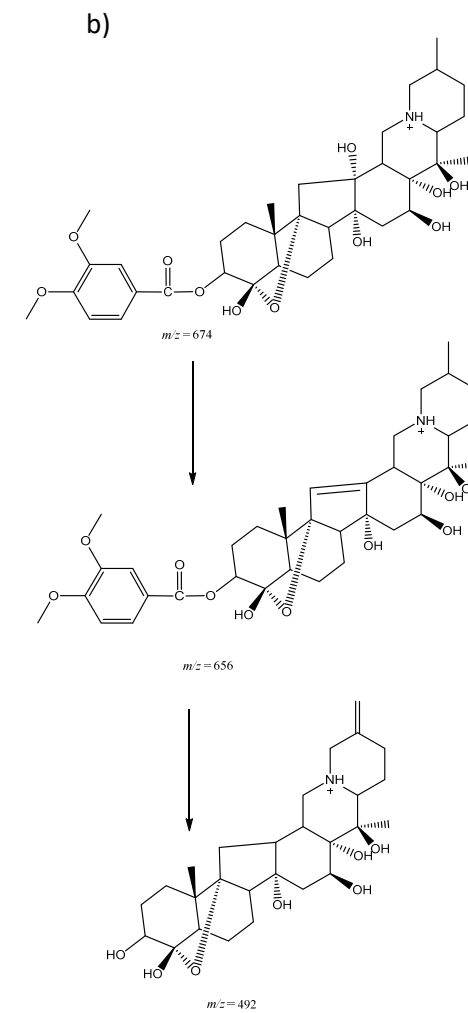
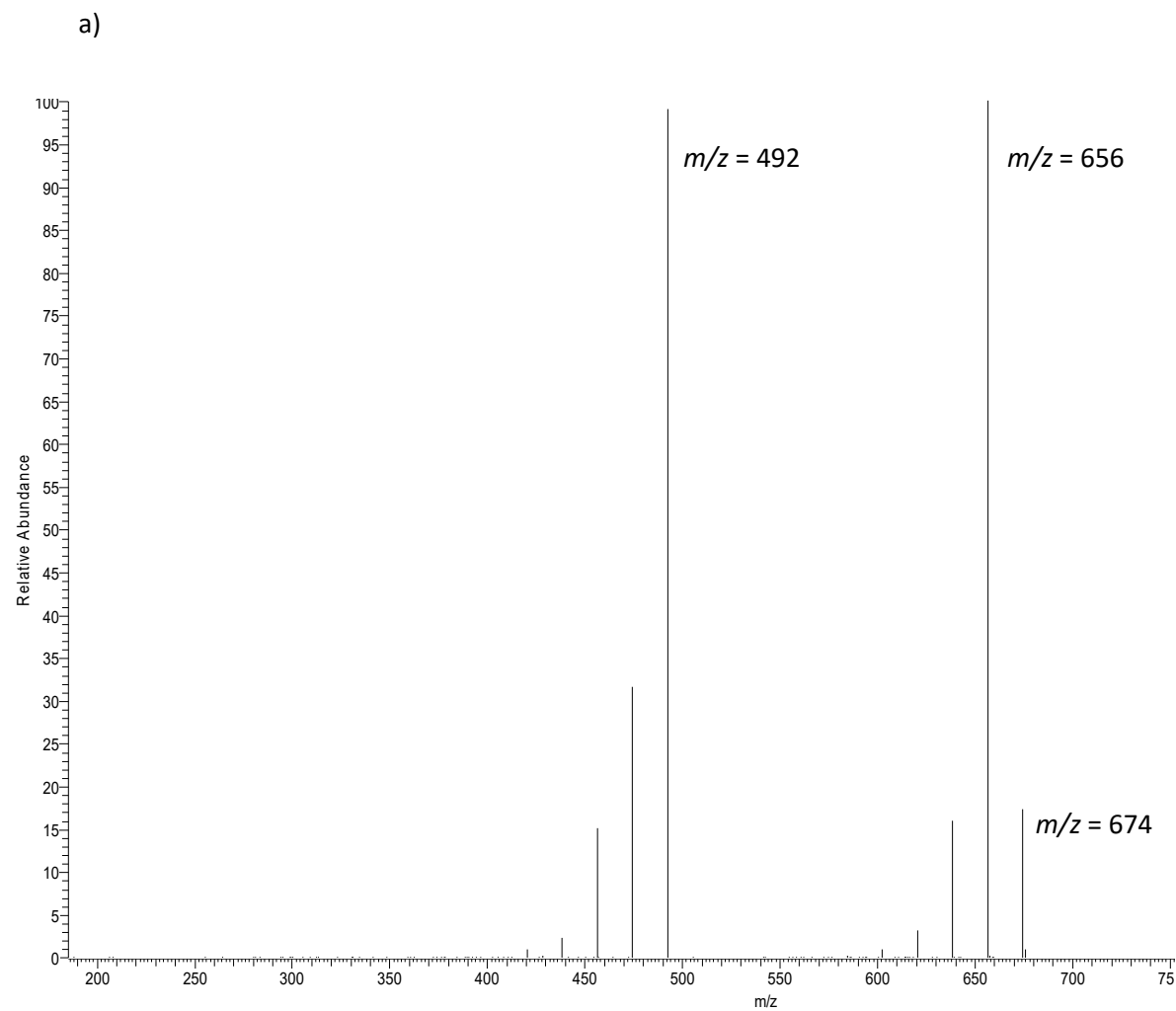


Figure S14. Full scan MS/MS spectrum for a) veratridine and b) compound fragmentation.



**Figure S15. Standard extracted ion chromatograms for (a) 5- and 8-methoxypsoralen, (b) aconitine, (c) atropine, (d) cathinone, (e) colchicine, (f) coumarin, (g) digitoxin, (h) digoxin, (i) hellebrin, (j) psoralen, (k) scopolamine, (l) solanine, (m) thujone and (n) veratridine**

