**Supplementary Information**

### Unveiling the anticancer, antimicrobial, antioxidative properties, and UPLC-ESI-QTOF-MS/ GC-MS metabolite profile of the lipophilic extract of Siam weed (*Chromolaena odorata*)

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**Supplementary Figure captions**

**Figure S1.** (A) Base peak chromatogram, (B) extracted ion chromatogram (C) UV/Vis DAD signals obtained at λ210 nm, (D) at λ280 nm, (E) at λ320 nm, (F) at λ360 nm, and (G) at λ520 nm obtained from compounds detected during UPLC-MS analysis of *Chromolaena odorata* aerial part lipophilic extract.

**Figure S2.** UPLC-MS and MS/MS spectra of various metabolites identified in *Chromolaena odorata* aerial part lipophilic extract including (A) gallic acid, (B) chlorogenic acid, (C) phloridzin, (D) rutin, (E) (±)-catechin, (F) apigenin, (G) (±)-naringenin, (H) eriodictyol, and (I) luteolin.



**A**



**B**



**C**



**D**



**E**

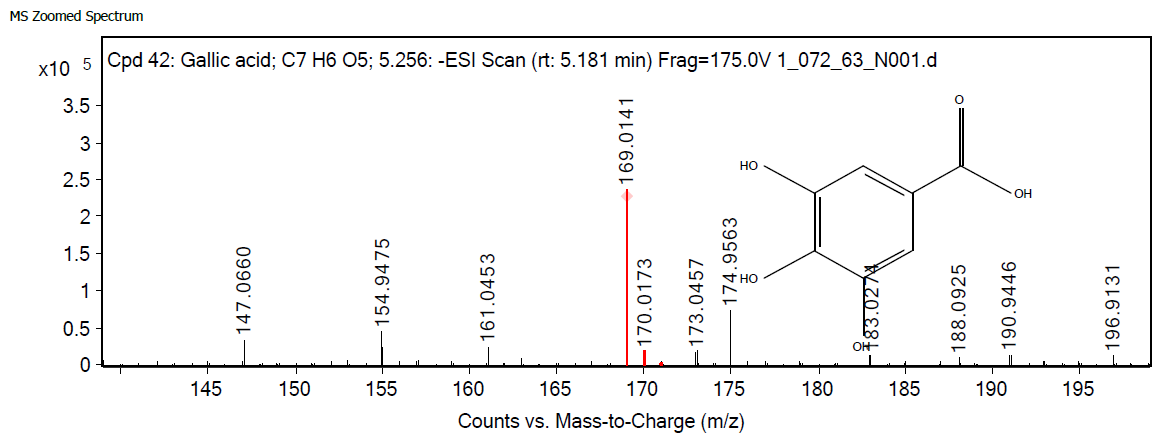
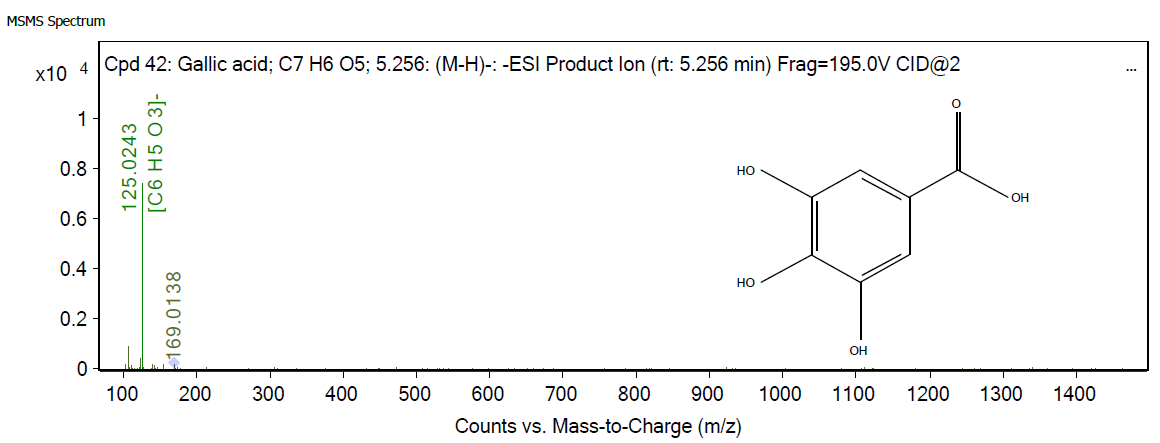


**F**



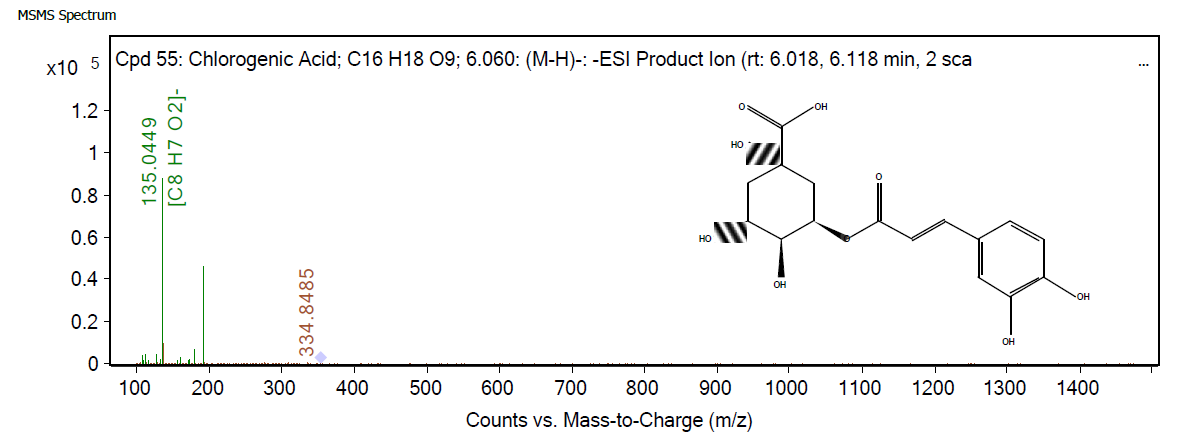
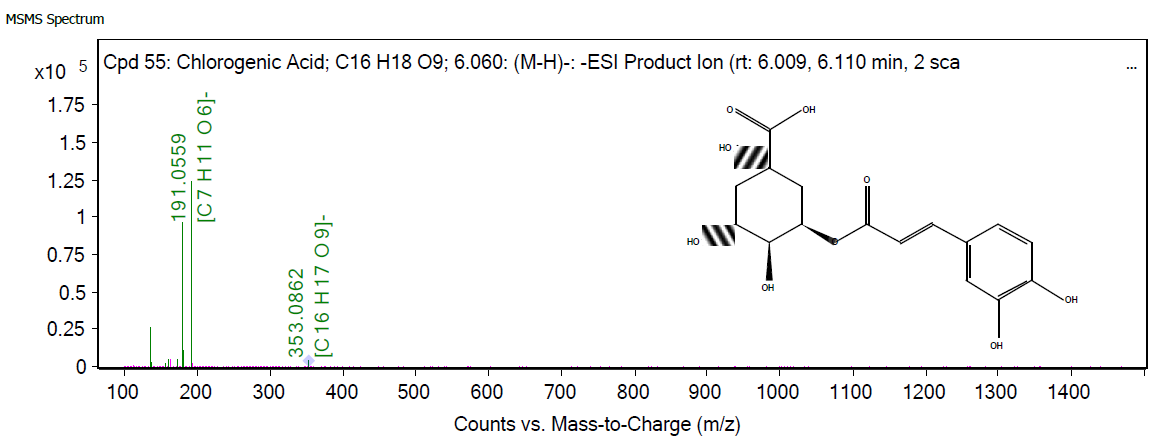
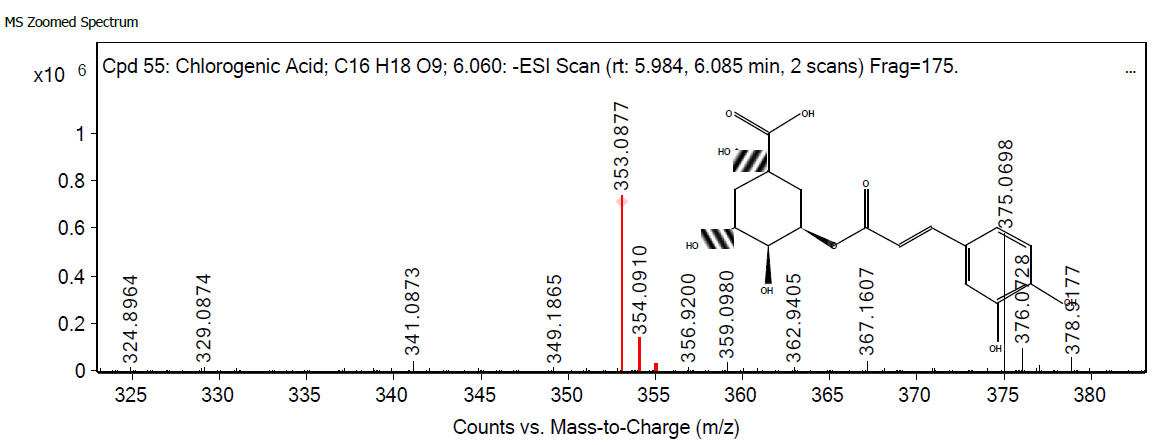
**G**

**Figure S1**



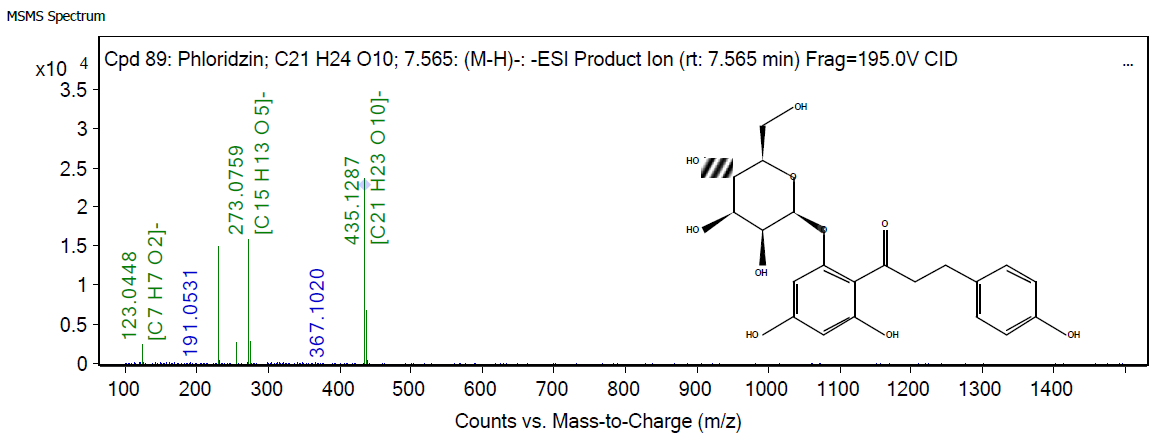
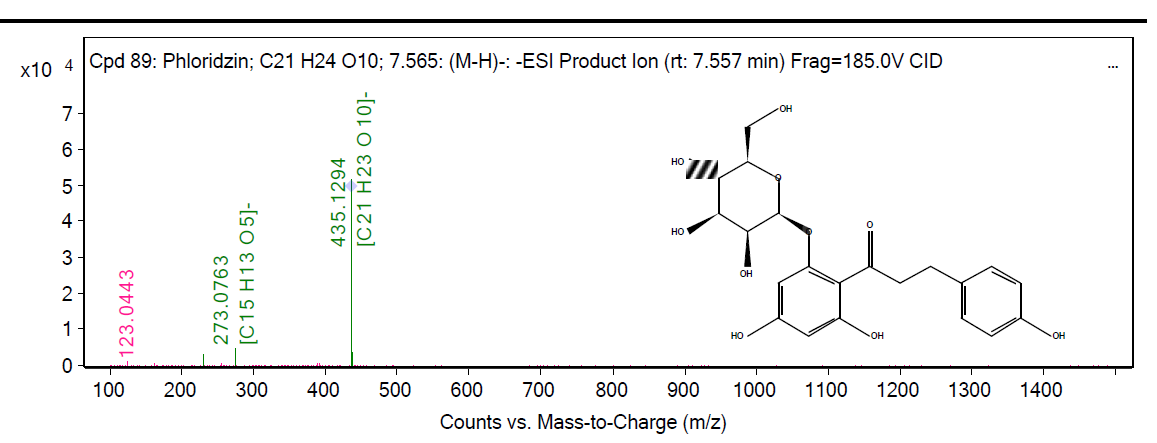
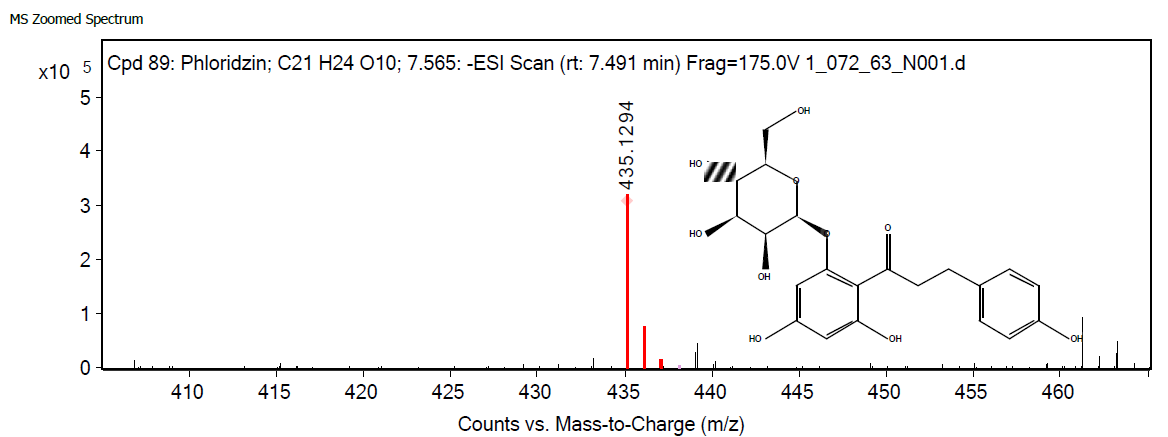
**A**

**Gallic acid**



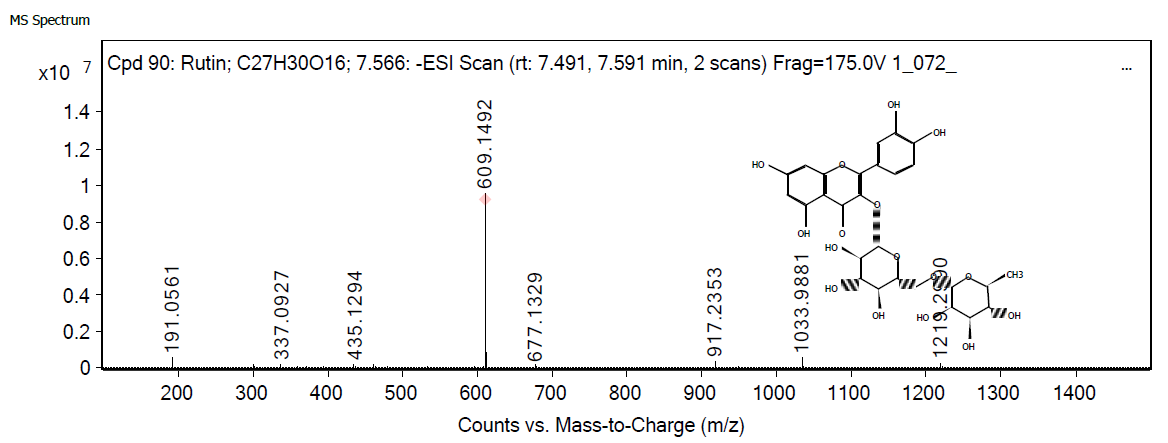
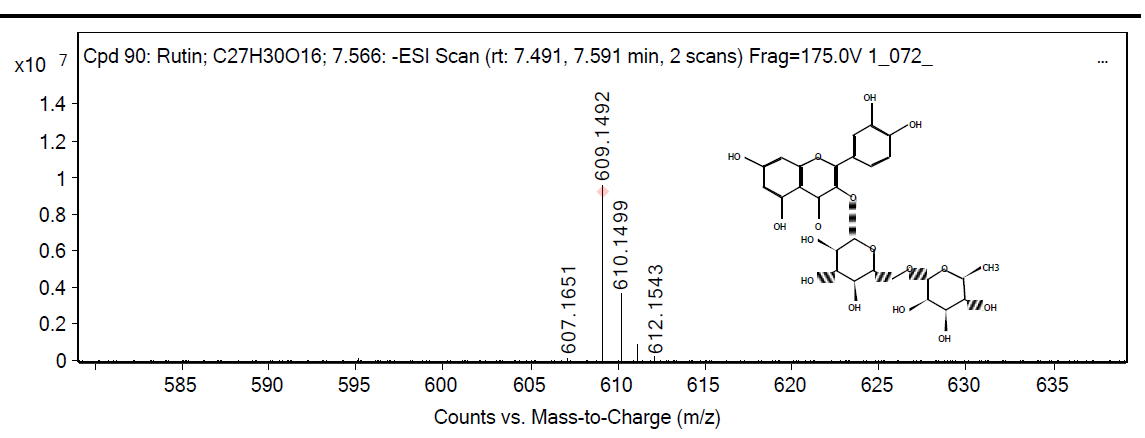
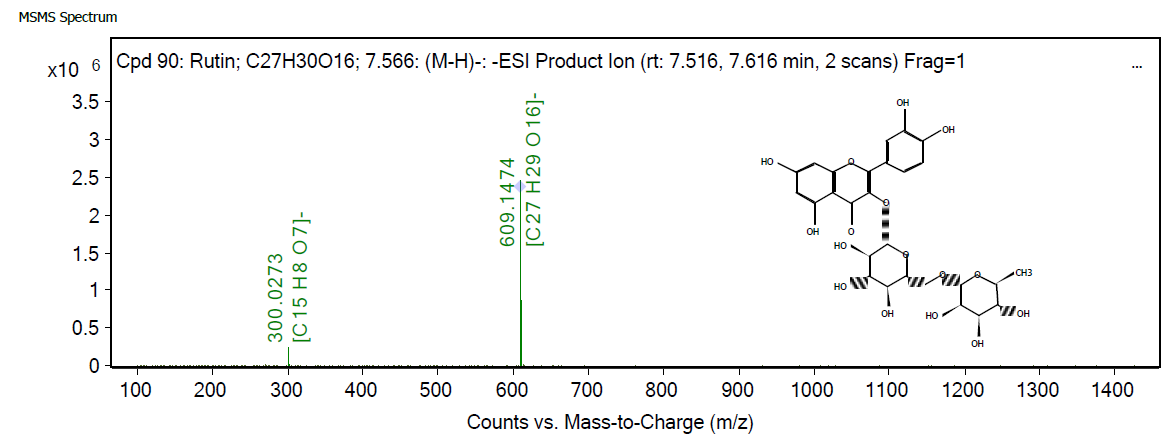
**B**

**Chlorogenic acid**



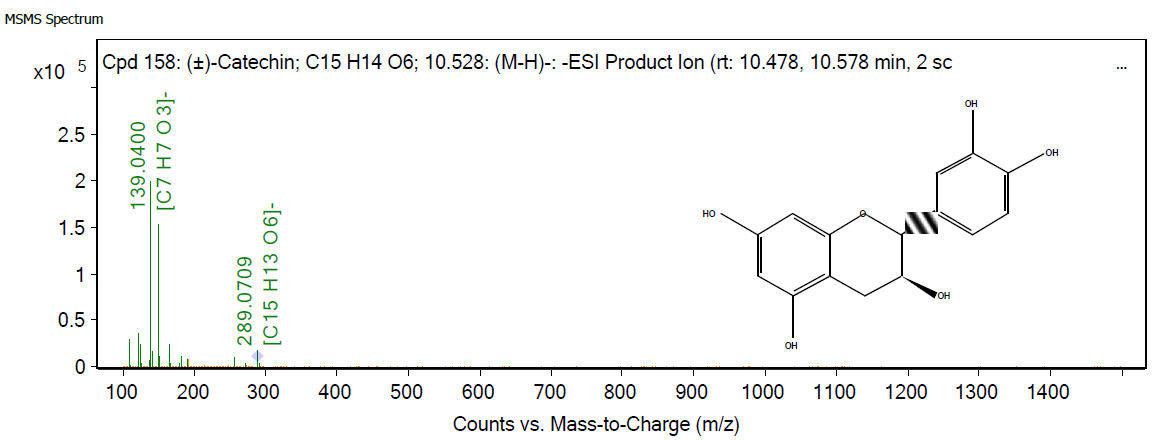
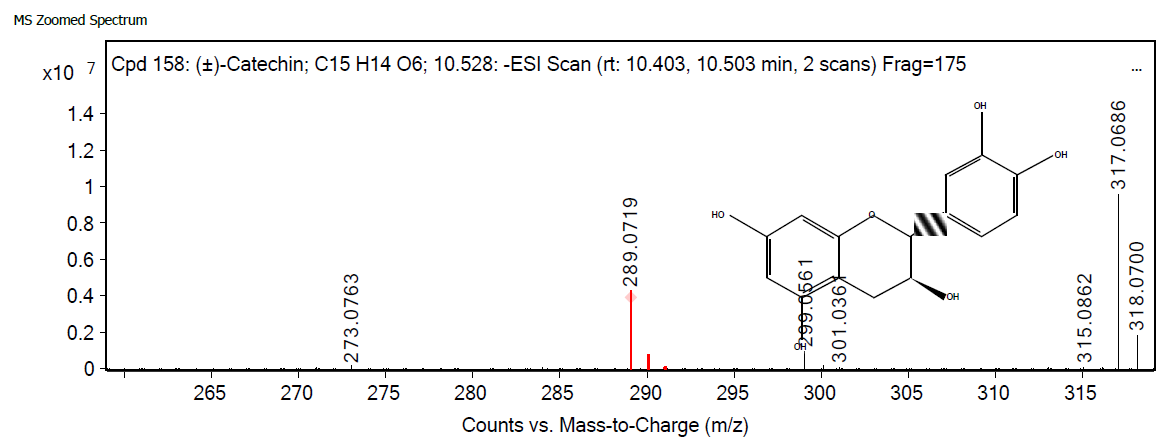
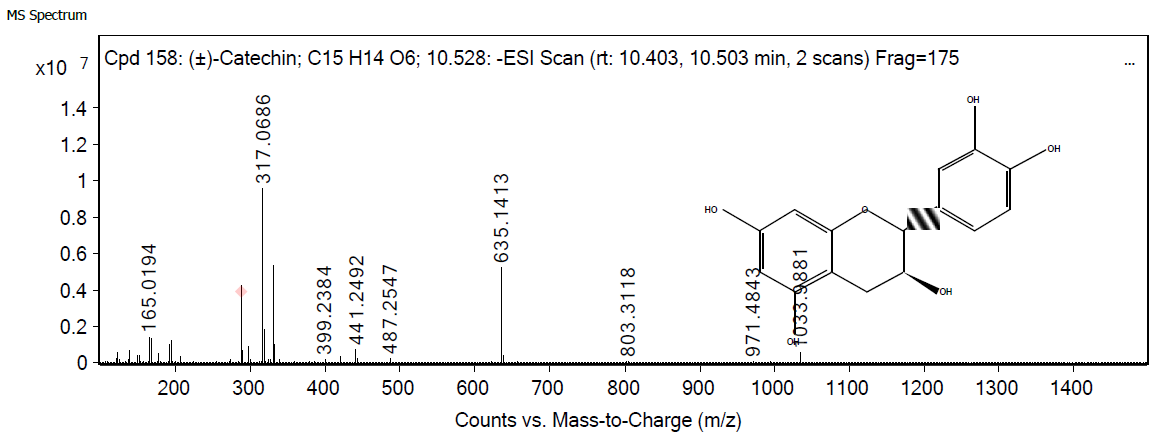
**C**

**Phloridzin**



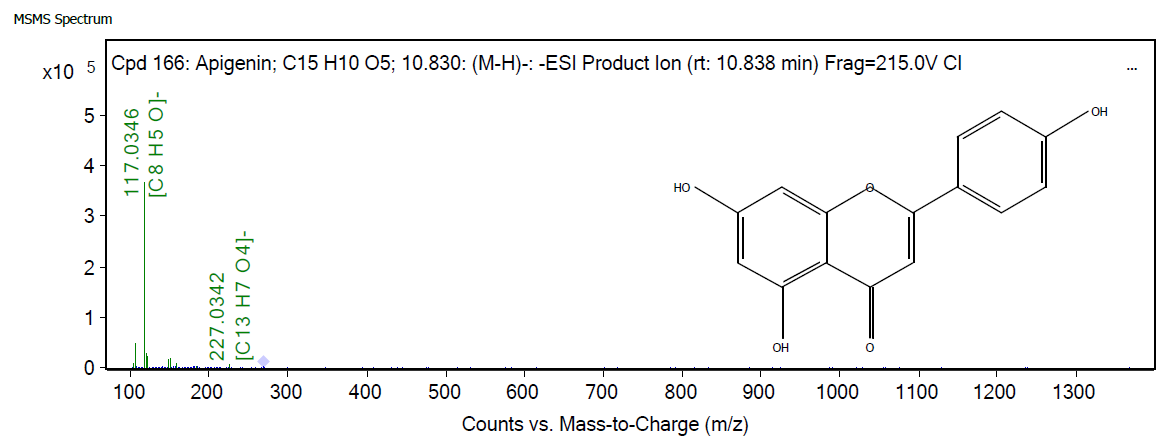
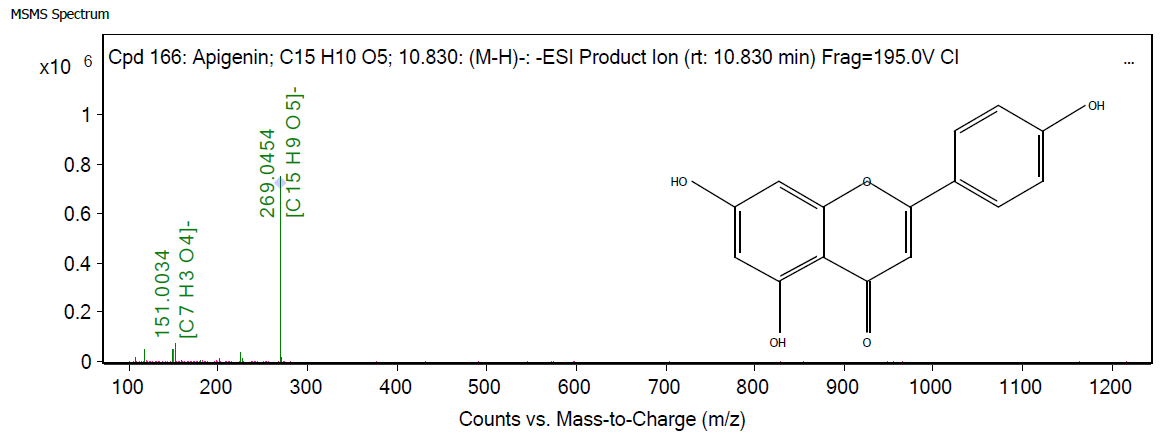
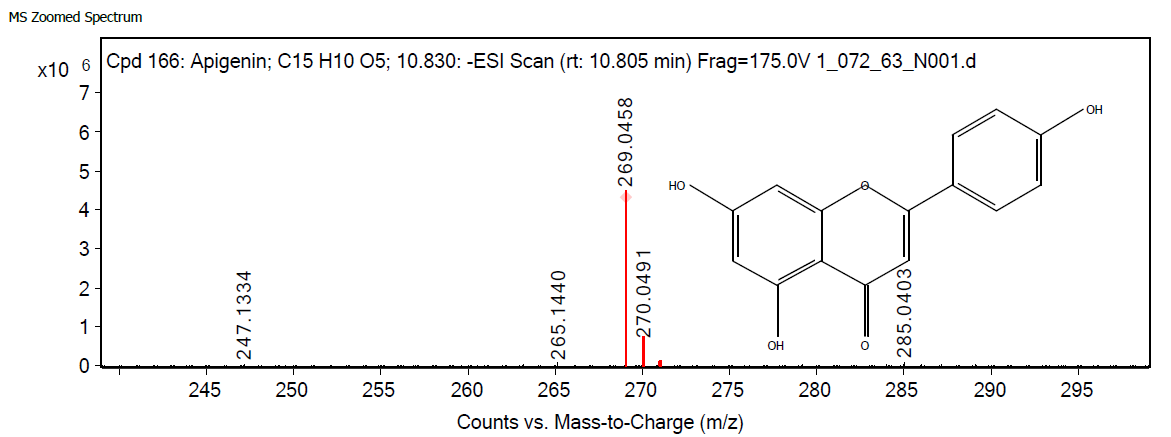
**D**

**Rutin**



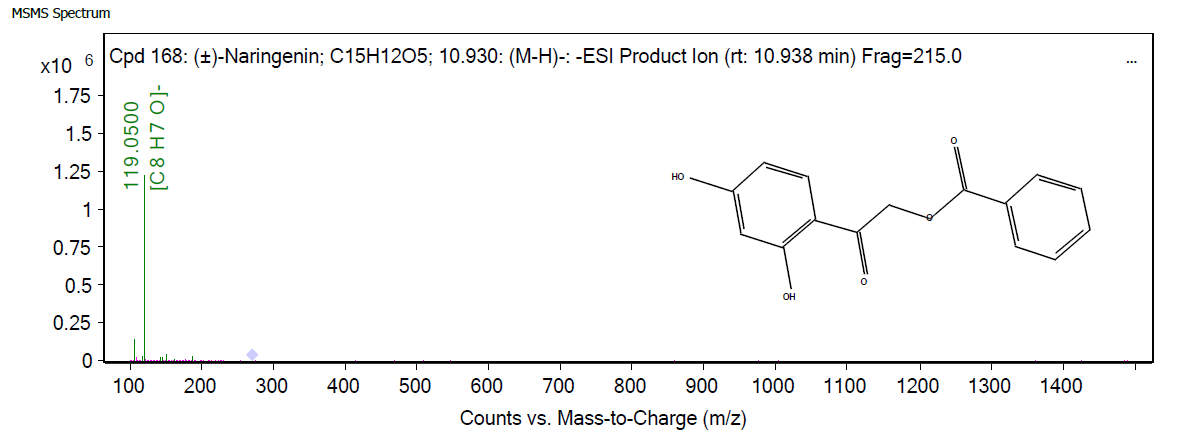
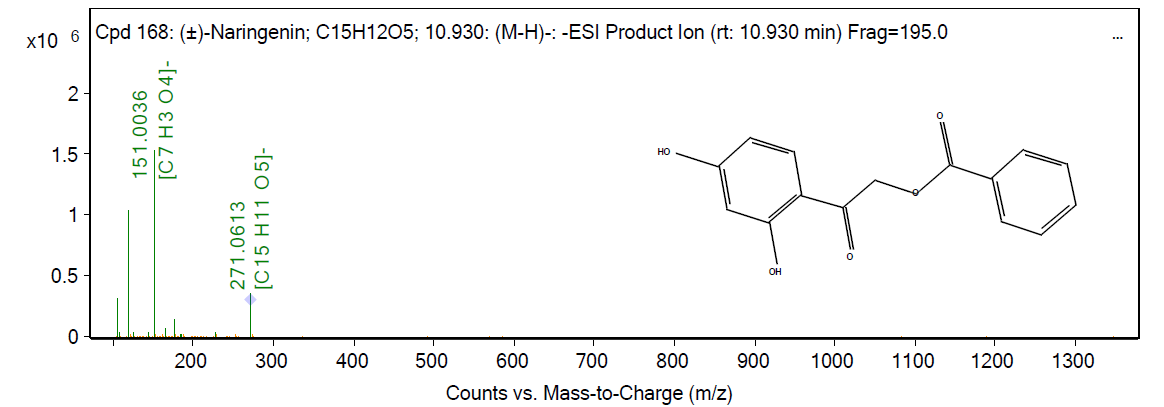
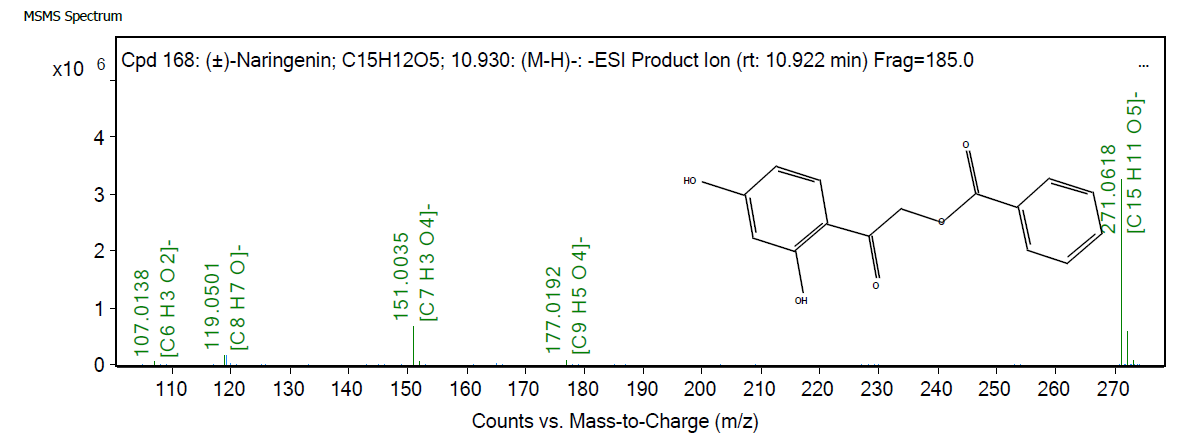
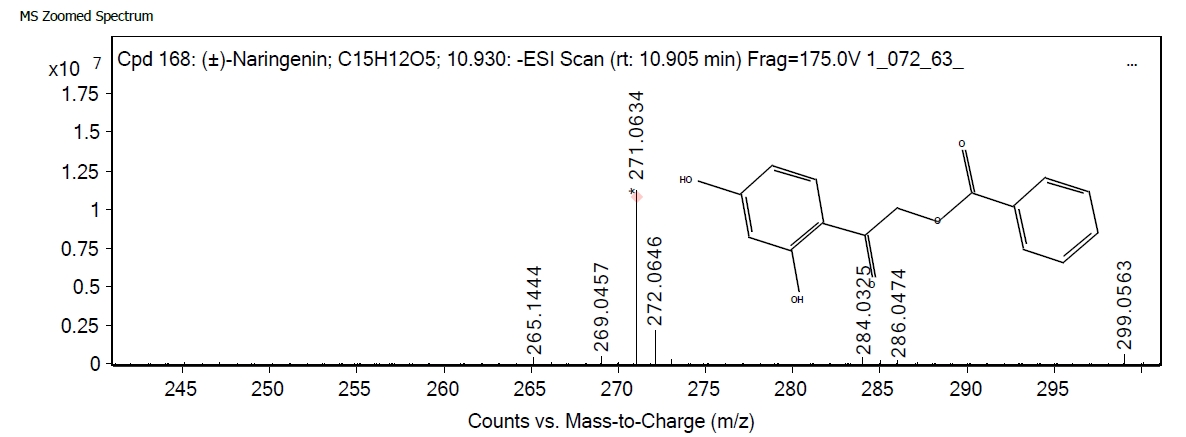
**E**

**(±)-Catechin**



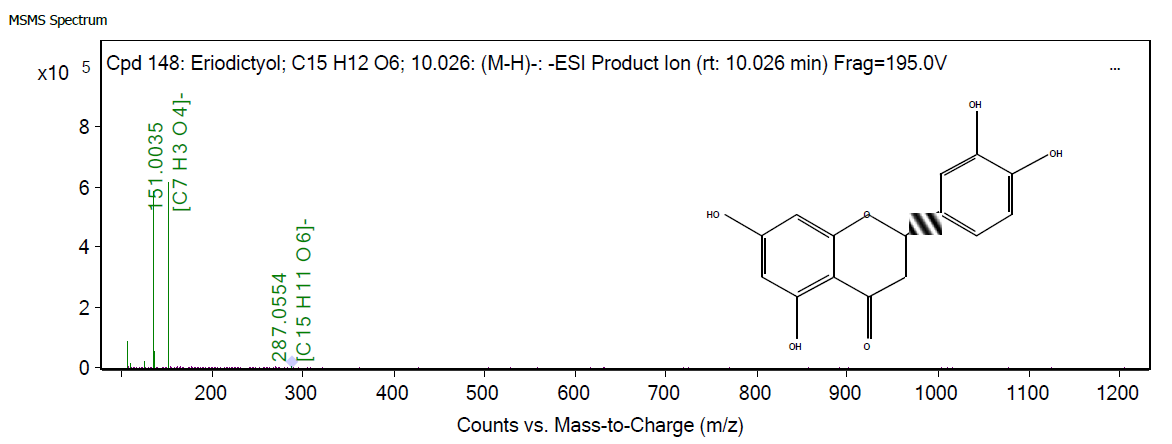
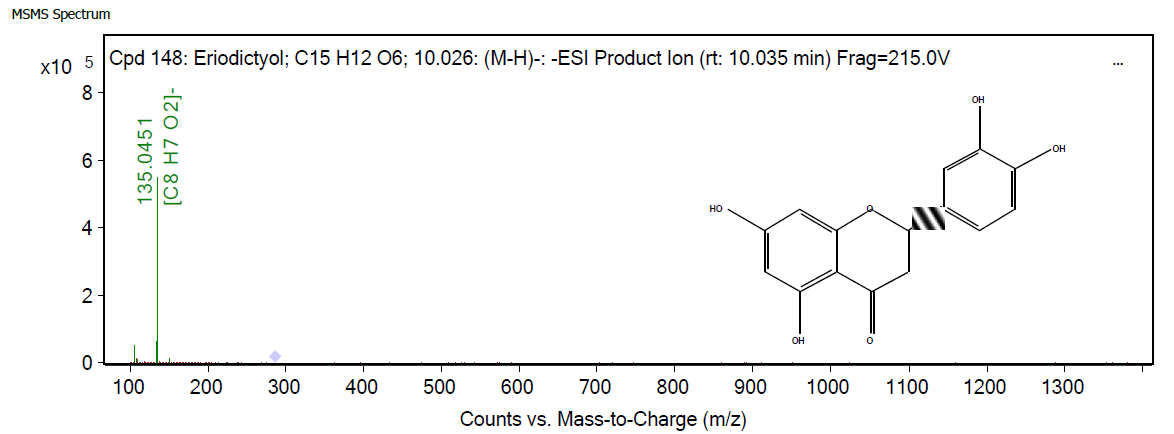
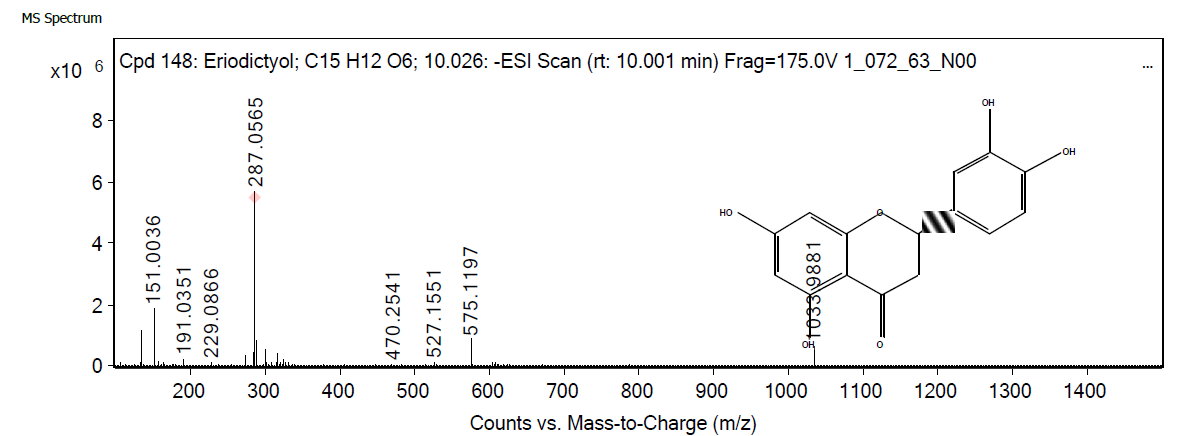
**F**

**Apigenin**



**G**

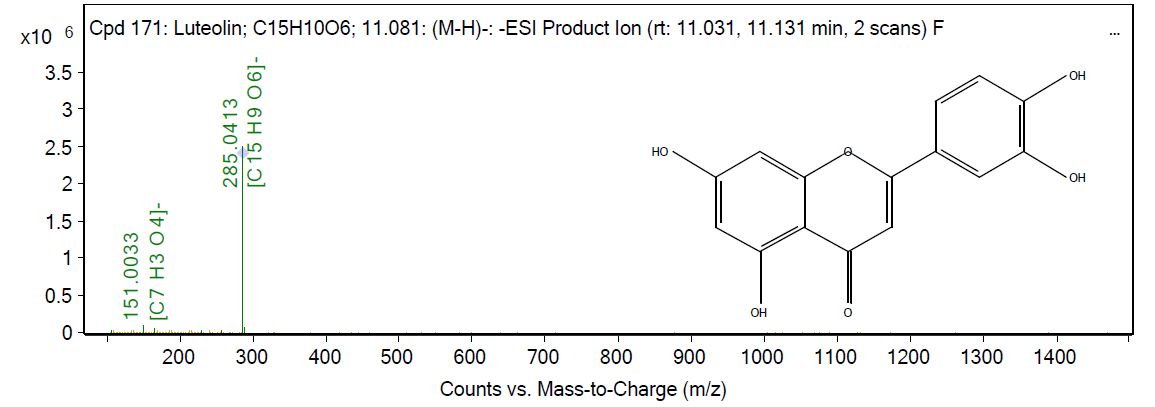
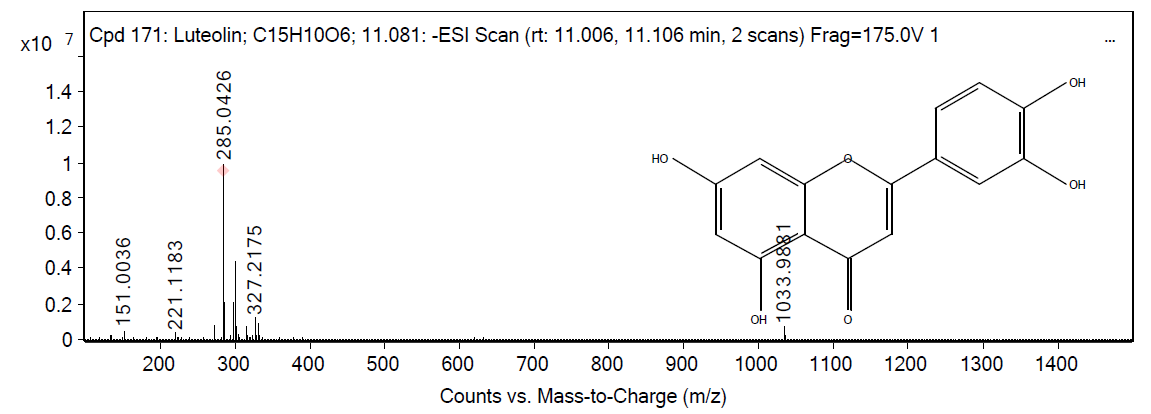
**(±)-Naringenin**



**H**

**Eriodictyol**

c



**I**

**Luteolin**

**Figure S2**