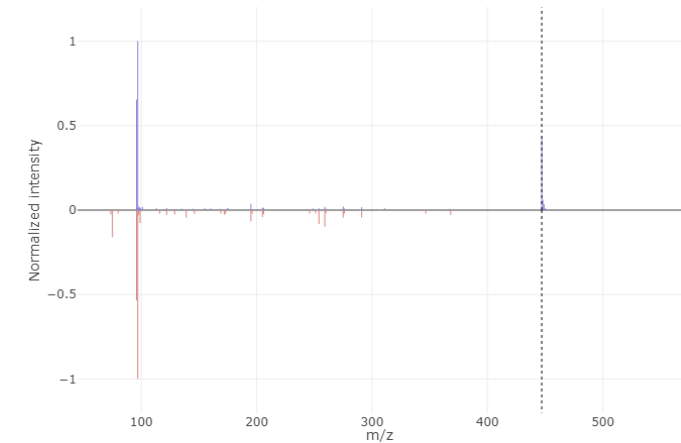
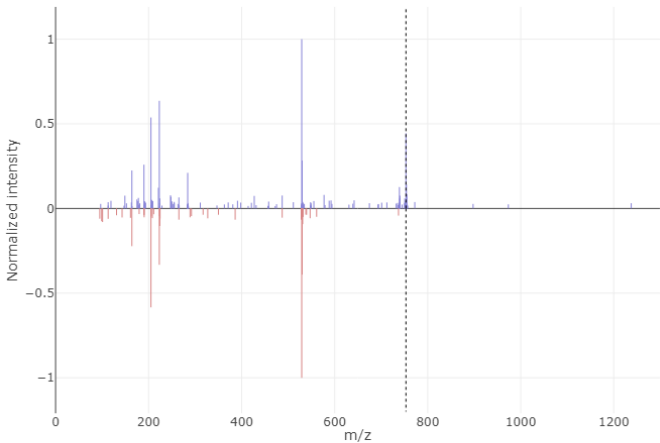


Supplementary Figure F : GNPS mirror plots supporting putative metabolite annotations. This figure compiles all MS/MS mirror plots obtained for features that matched reference compounds from the GNPS spectral library, using a cosine similarity score > 0.65 and at least three shared fragment ions. For each mirror plot, the experimental MS/MS spectrum acquired in this study is shown in blue, while the corresponding reference spectrum from the GNPS library is shown in red. These comparisons support the putative structural annotations assigned to the matched features. The complete list of fragment ions from the experimental spectra is provided in Supplementary Table S7, and the raw MS/MS data are available as .mzXML files deposited on MassIVE.

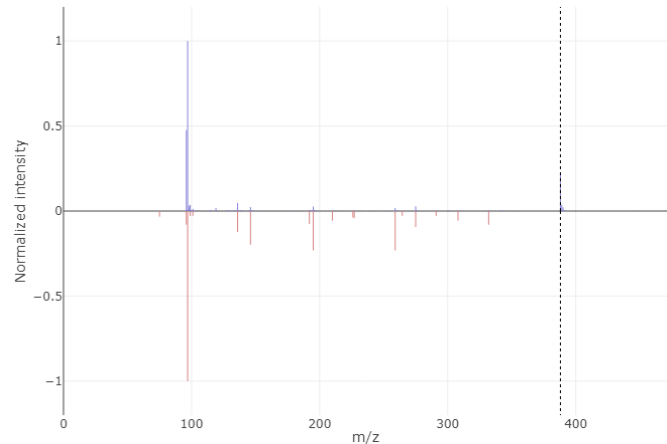
n54_Glucobrassicin



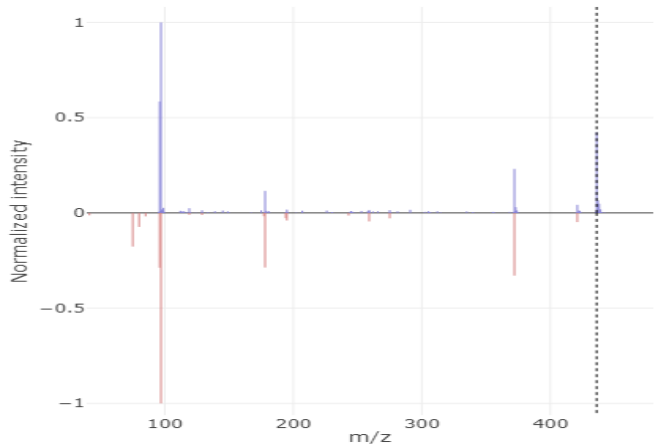
n60_Disinapoyl dihexoside



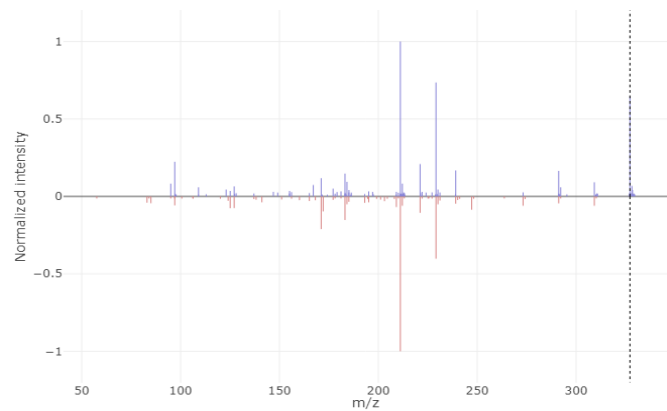
n244_Progoitrin



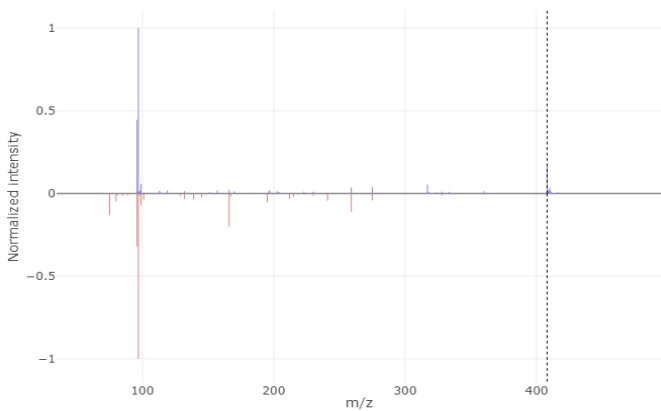
n385_Glucoraphanin



n426_Malyngic acid

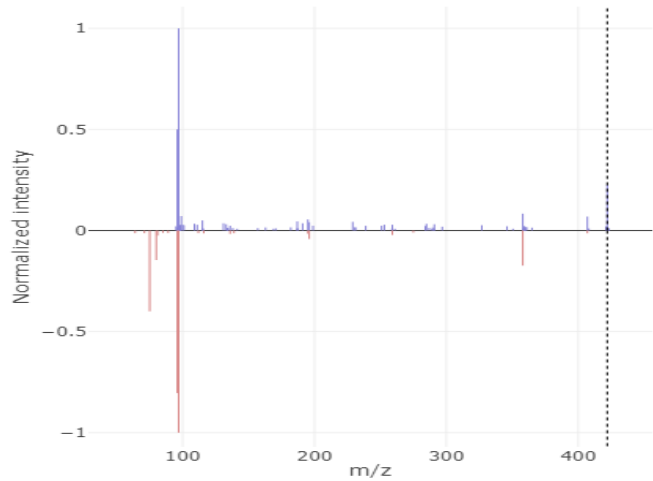


n435_Glucotropeolin

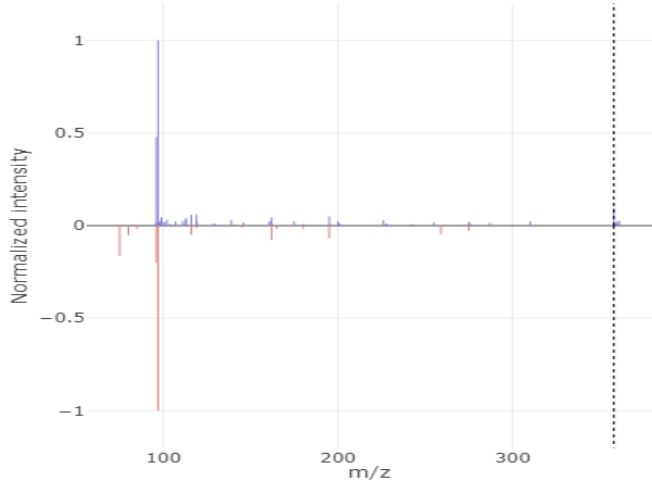


Supplementary Figure F (continued). GNPS mirror plots supporting putative metabolite annotations.

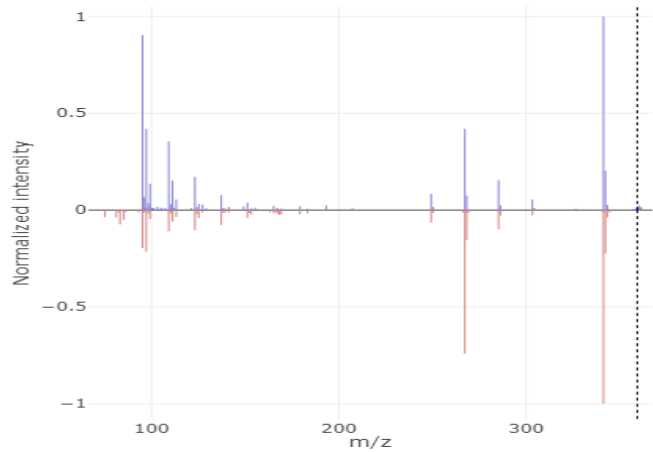
n542_Glucoiberin



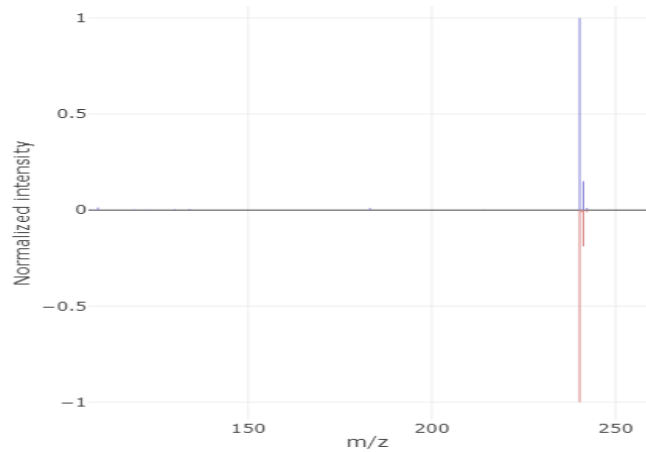
n546_Sinigrin



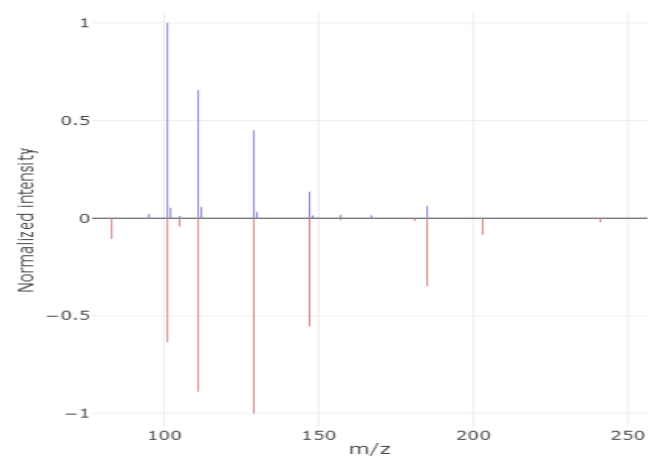
p50_Glycerol stearate



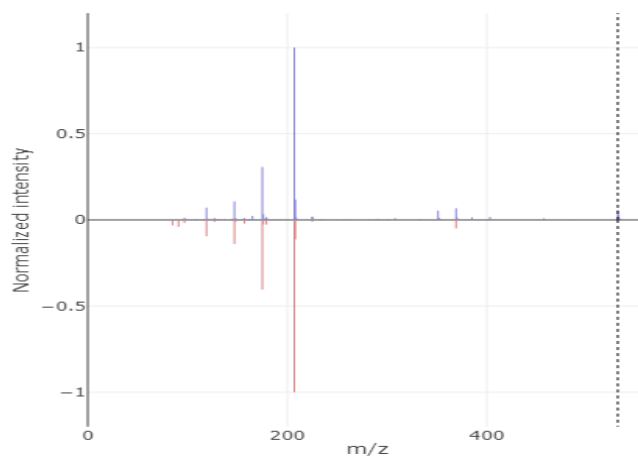
p132_Cocamidopropyl betaine



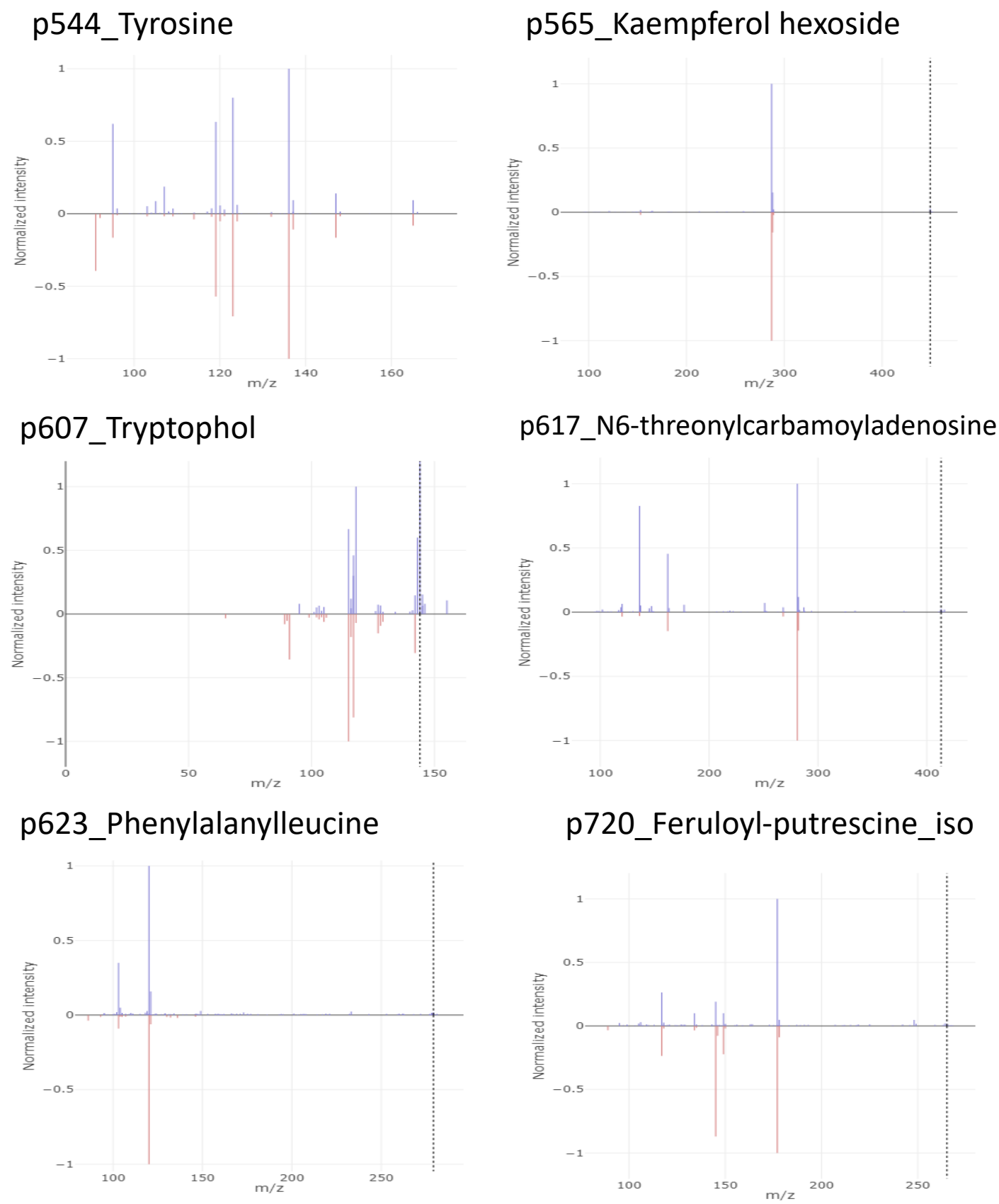
p270_Dibutyl adipate



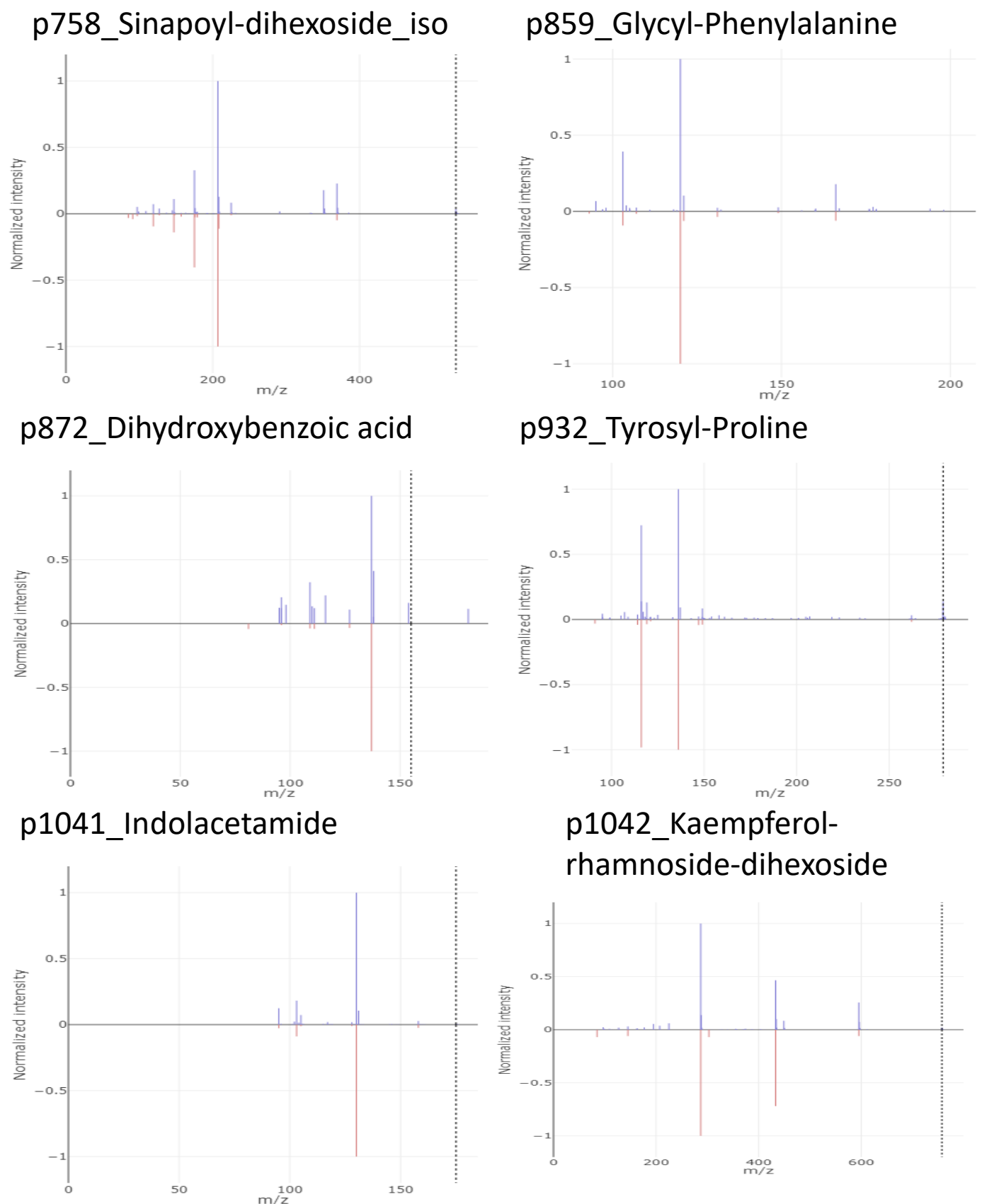
p402_Sinapoyl dihexoside



Supplementary Figure F (continued). GNPS mirror plots supporting putative metabolite annotations.

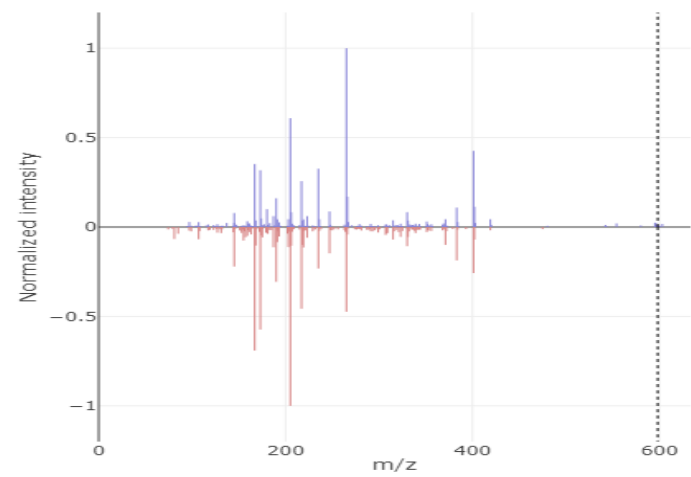


Supplementary Figure F (continued). GNPS mirror plots supporting putative metabolite annotations.

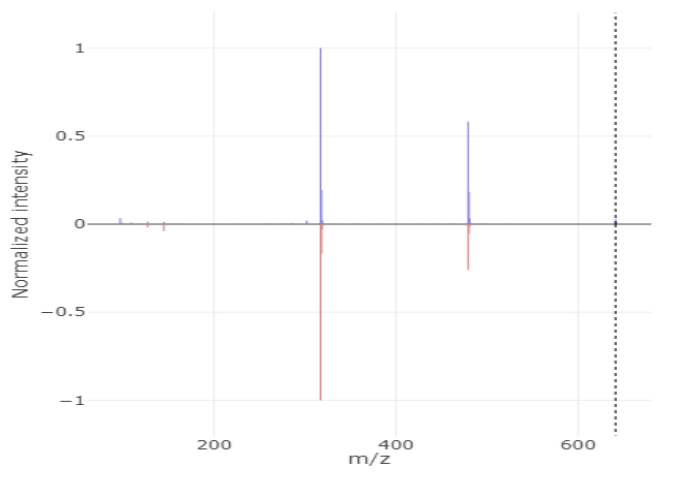


Supplementary Figure F (continued). GNPS mirror plots supporting putative metabolite annotations.

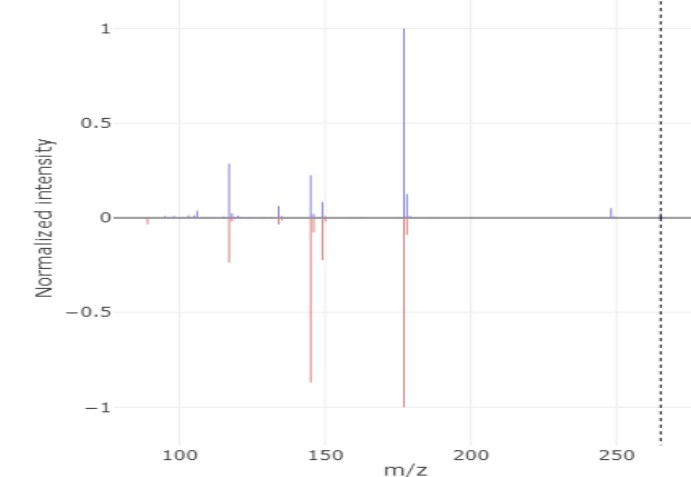
p1154_Syringaresinol hexoside



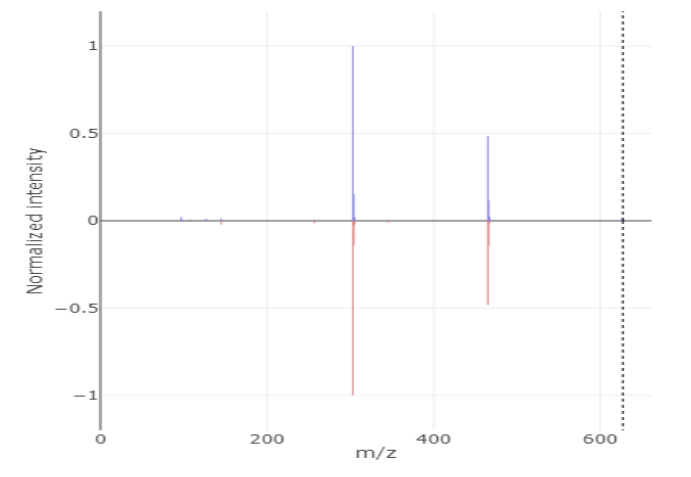
p1305_Isorhamnetin-dihexoside_iso



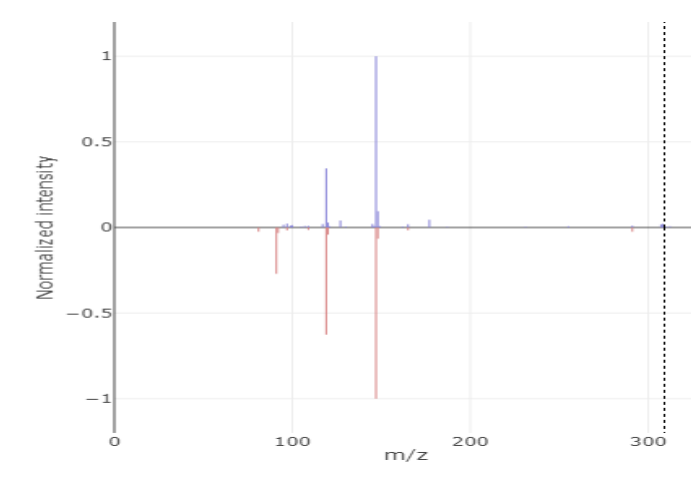
p1308_Feruloyl-putrescine_iso



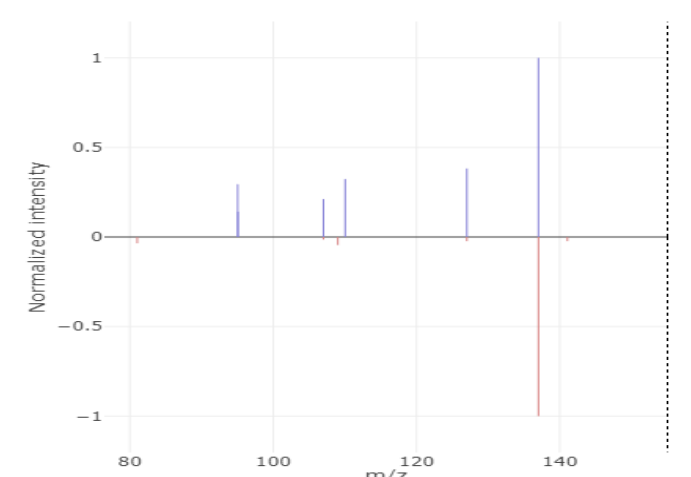
p1379_Quercetin-dihexoside_iso



p1403_Coumaroyl-hexoside_iso

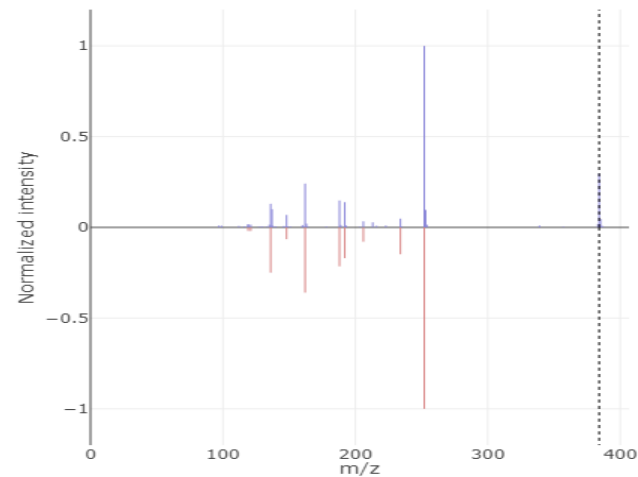


p1425_Dihydroxybenzoic acid

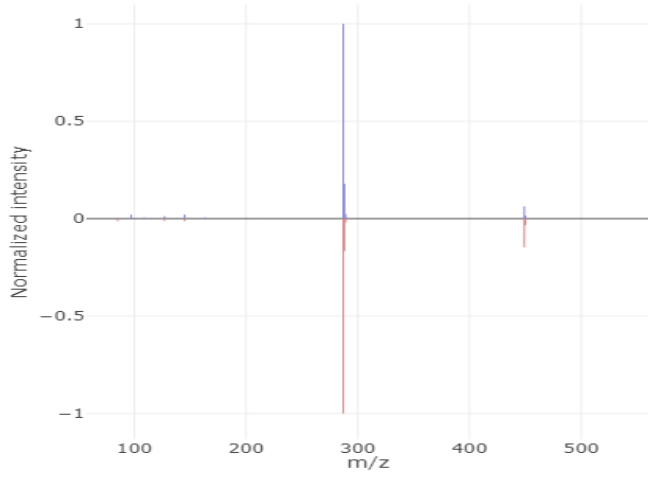


Supplementary Figure F (continued). GNPS mirror plots supporting putative metabolite annotations.

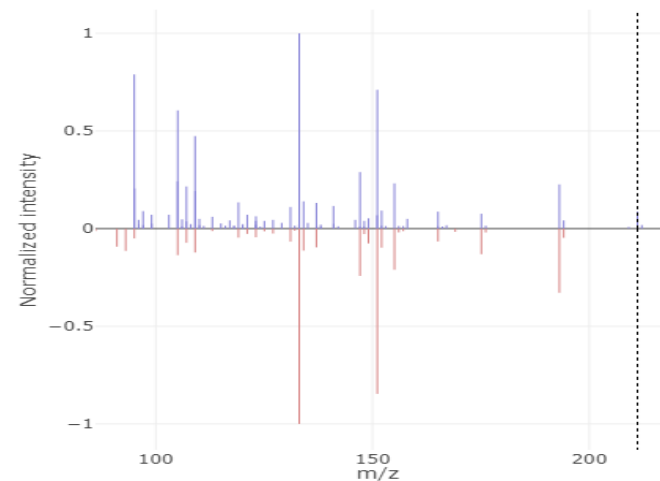
p1636_Succinoadenosine



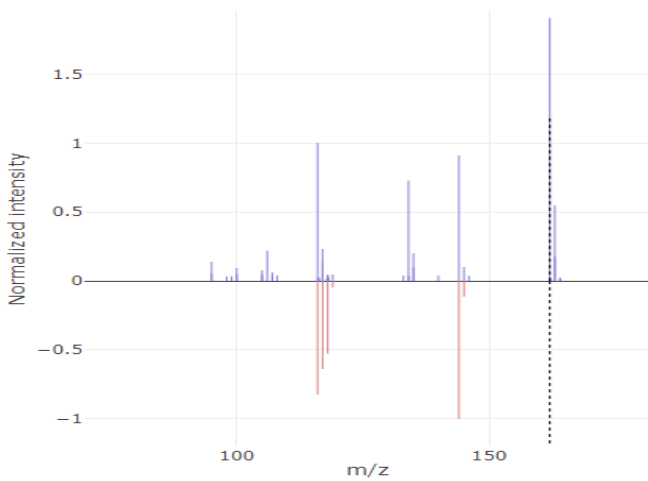
p1673_Kaempferol-dihexoside



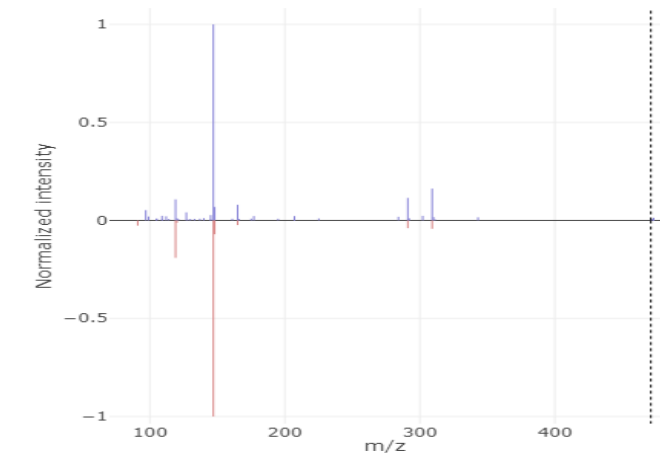
p1801_Jasmonic acid_isomer



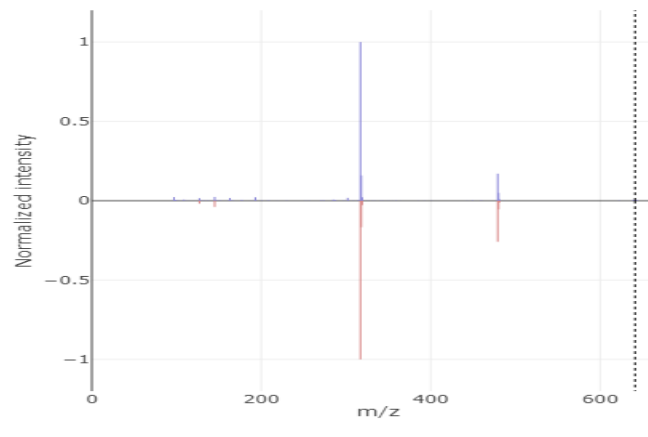
p2009_Indole carboxylic acid



p2016_Coumaroyl-dihexoside

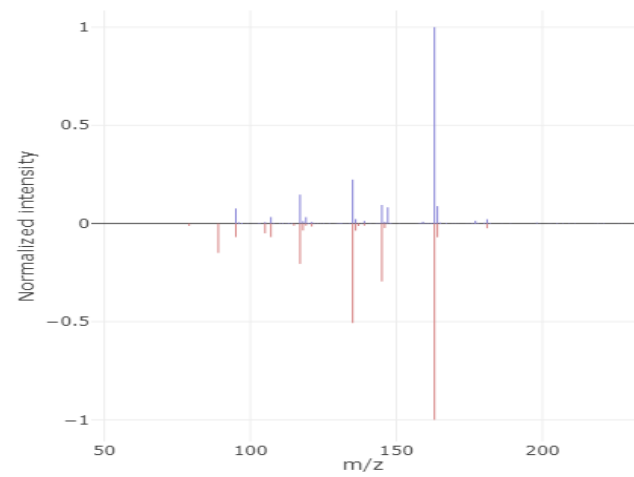


p2135_Isorhamnetin-dihexoside_iso

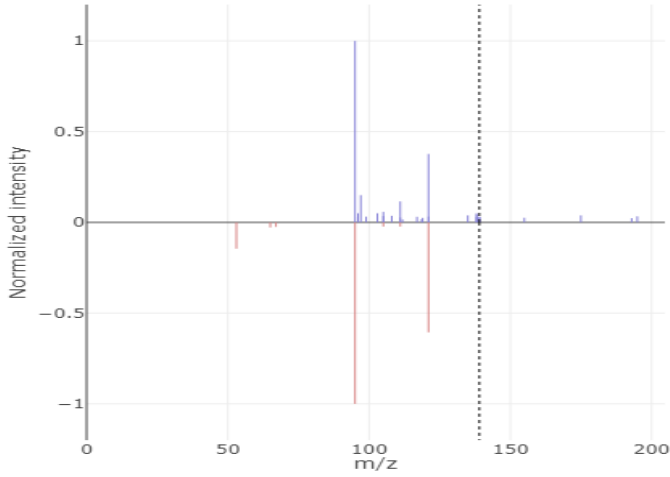


Supplementary Figure F (continued). GNPS mirror plots supporting putative metabolite annotations.

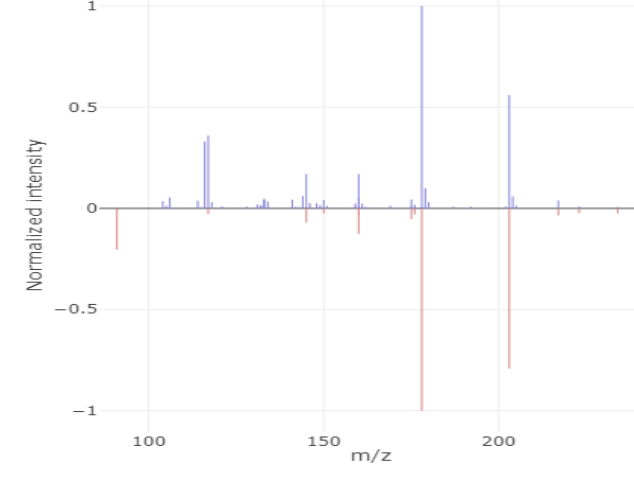
p2267_Caffeoylshikimic acid



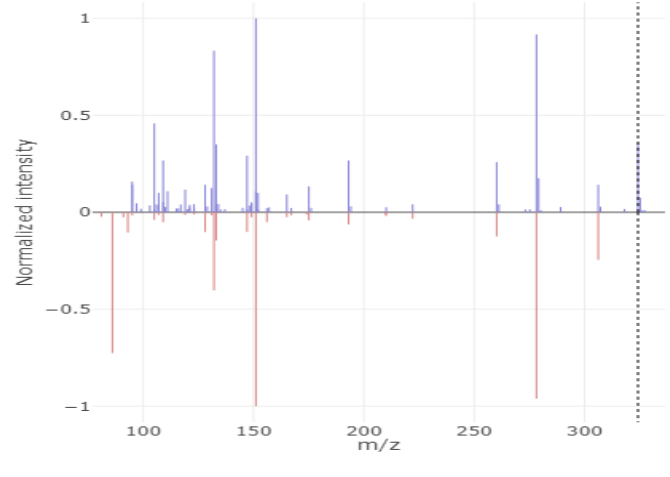
p2305_Hydroxybenzoic acid



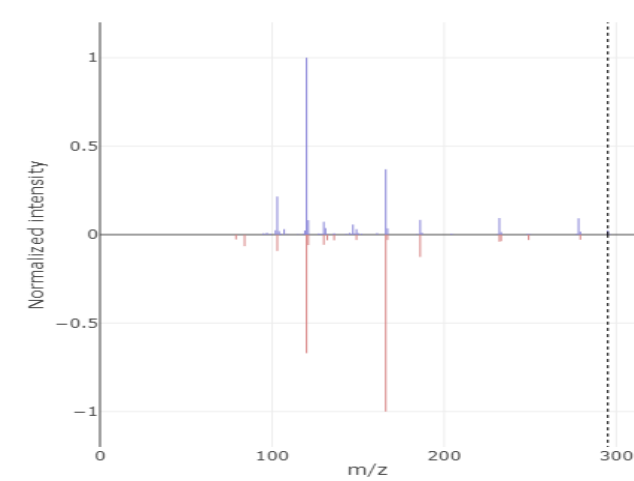
p2328_Spirobrassinin_iso



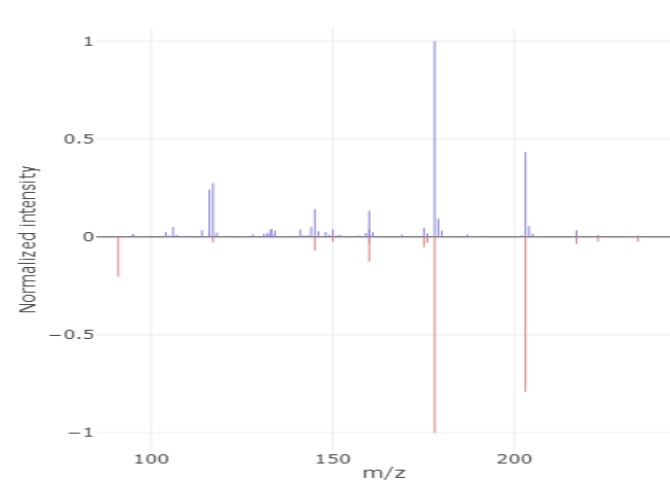
p2383_Jasmonoyl-isoleucine



p2390_Glutamylphenylalanine

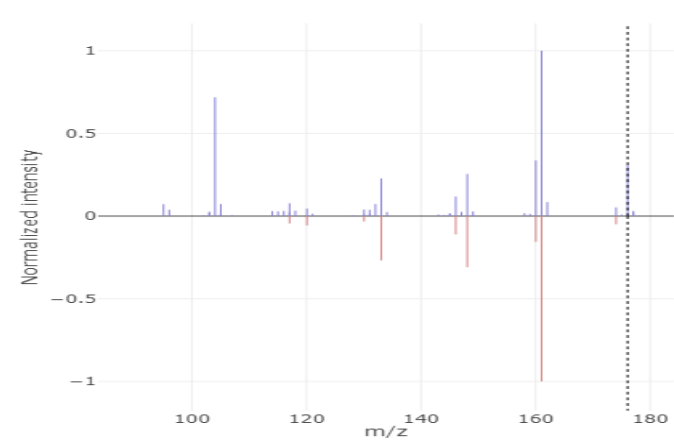


p2536_Spirobrassinin_iso

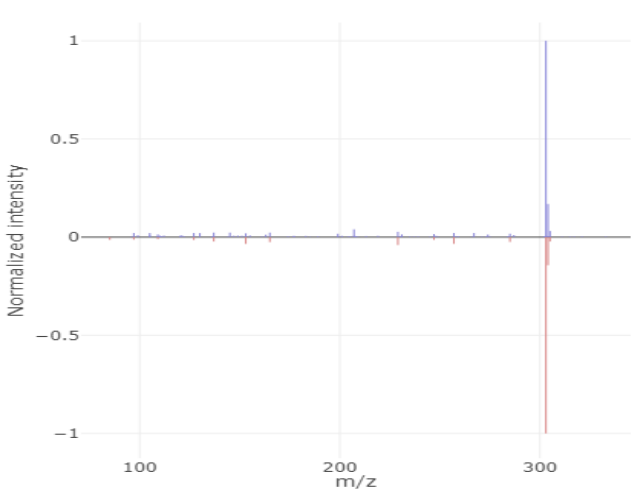


Supplementary Figure F (continued). GNPS mirror plots supporting putative metabolite annotations.

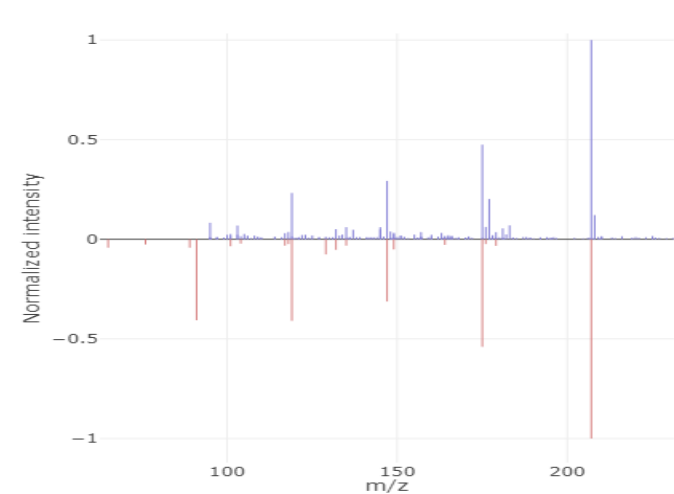
p2562_Methoxyindole-carbaldehyde



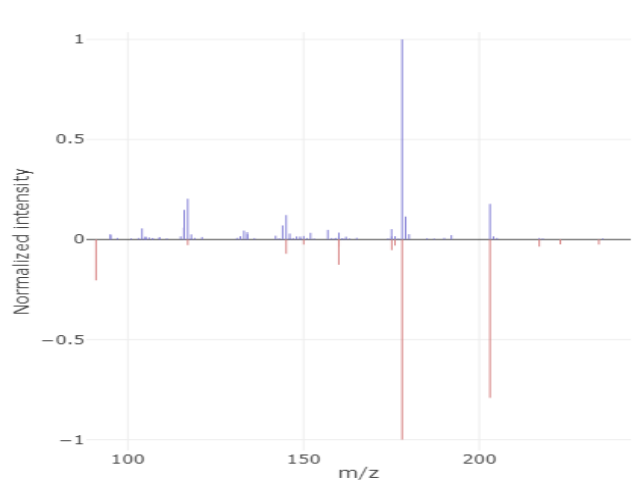
p2588_Quercetin-hexoside



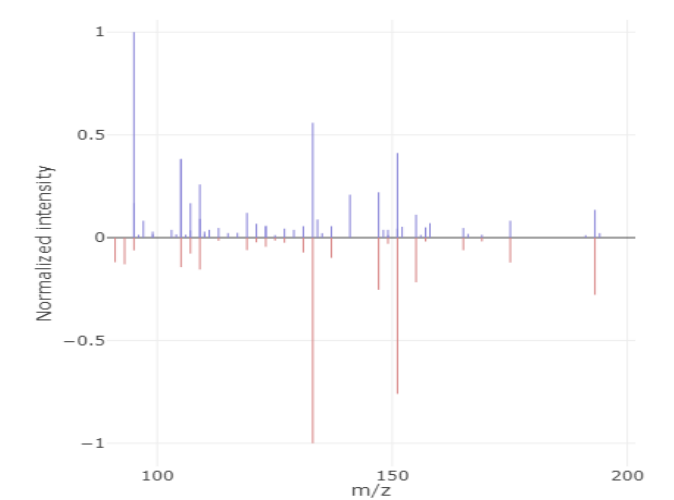
p2664_Sinapoyl-malate_iso



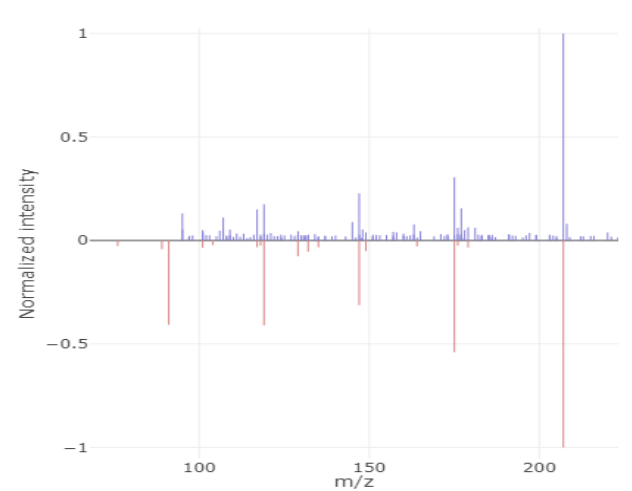
p3636_Spirobrassinin_iso



p3857_Jasmonic acid_iso

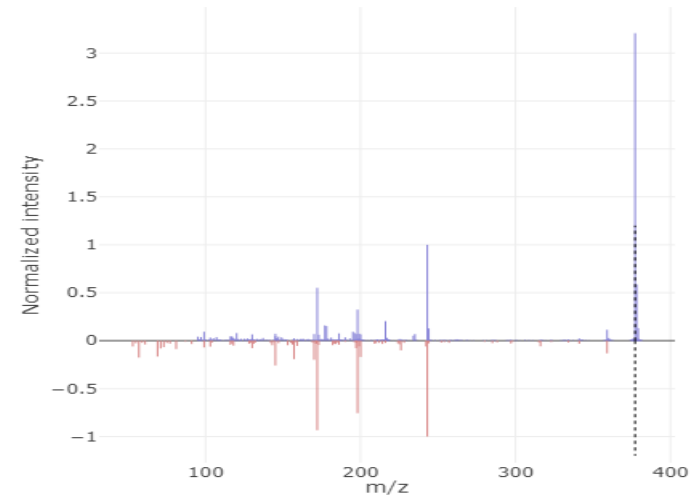


p3867_Sinapoyl-malate_iso

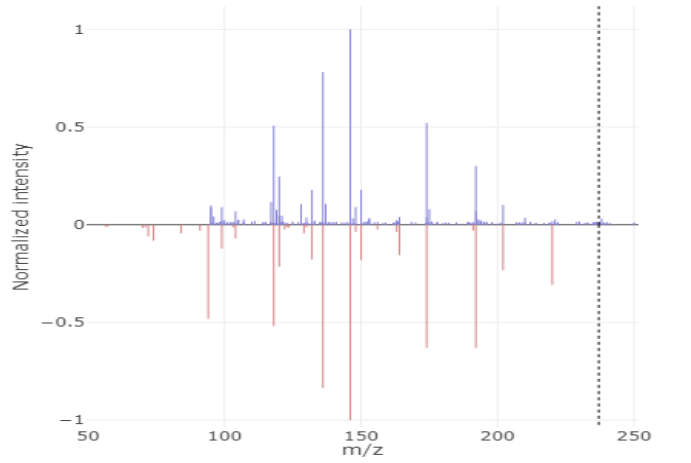


Supplementary Figure F (continued). GNPS mirror plots supporting putative metabolite annotations.

p3909_Riboflavin



p3913_Formyl-kynurenine



p4070_Coumaroyl-hexoside_iso

