frontiers

Supplementary Material

Chilean Rhubarb, *Gunnera tinctoria* (MOL.) MIRB. (Gunneraceae): UHPLC-ESI-ORBITRAP-MS profiling of aqueous extract and Its Anti-*Helicobacter pylori* Activity

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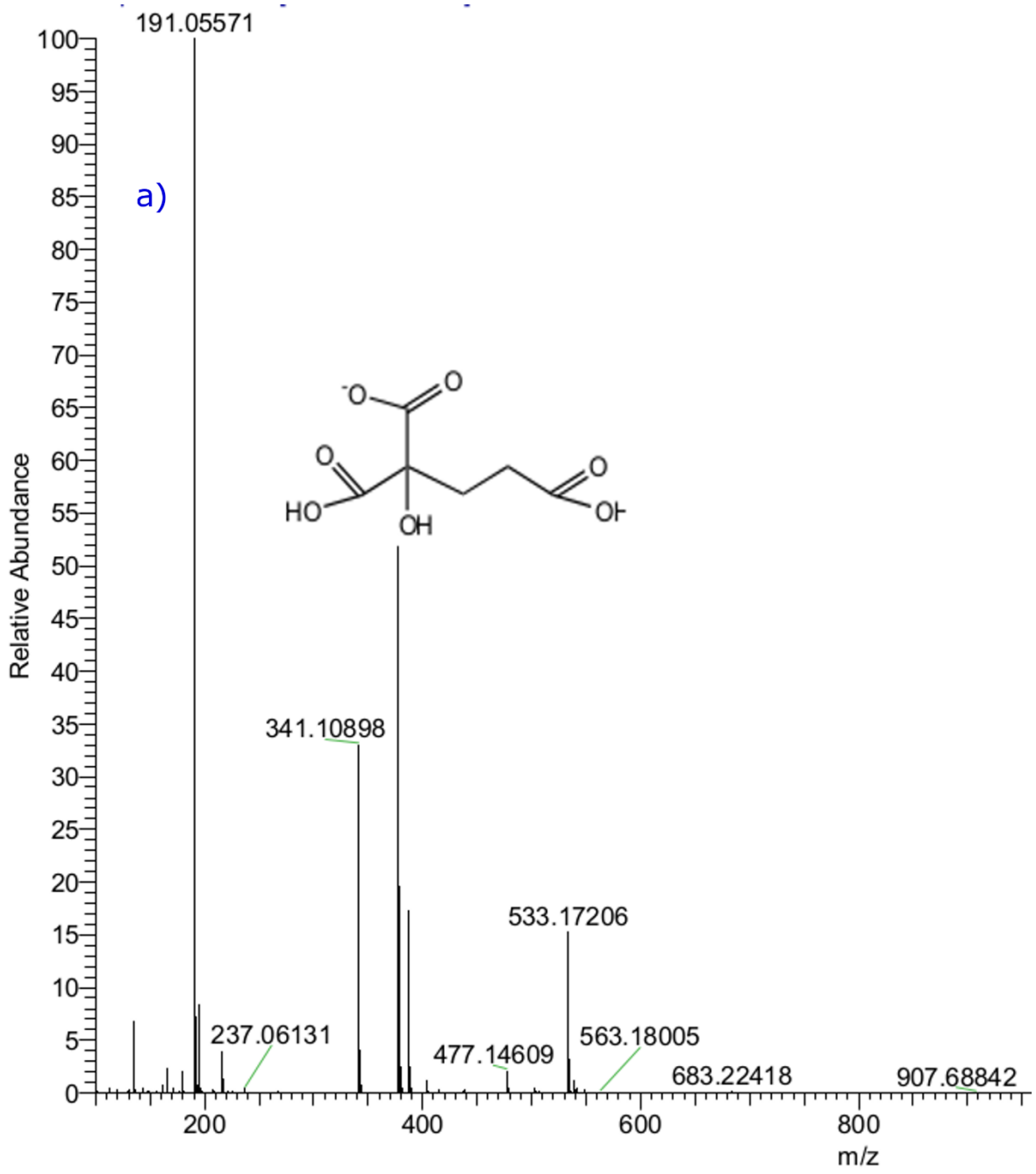
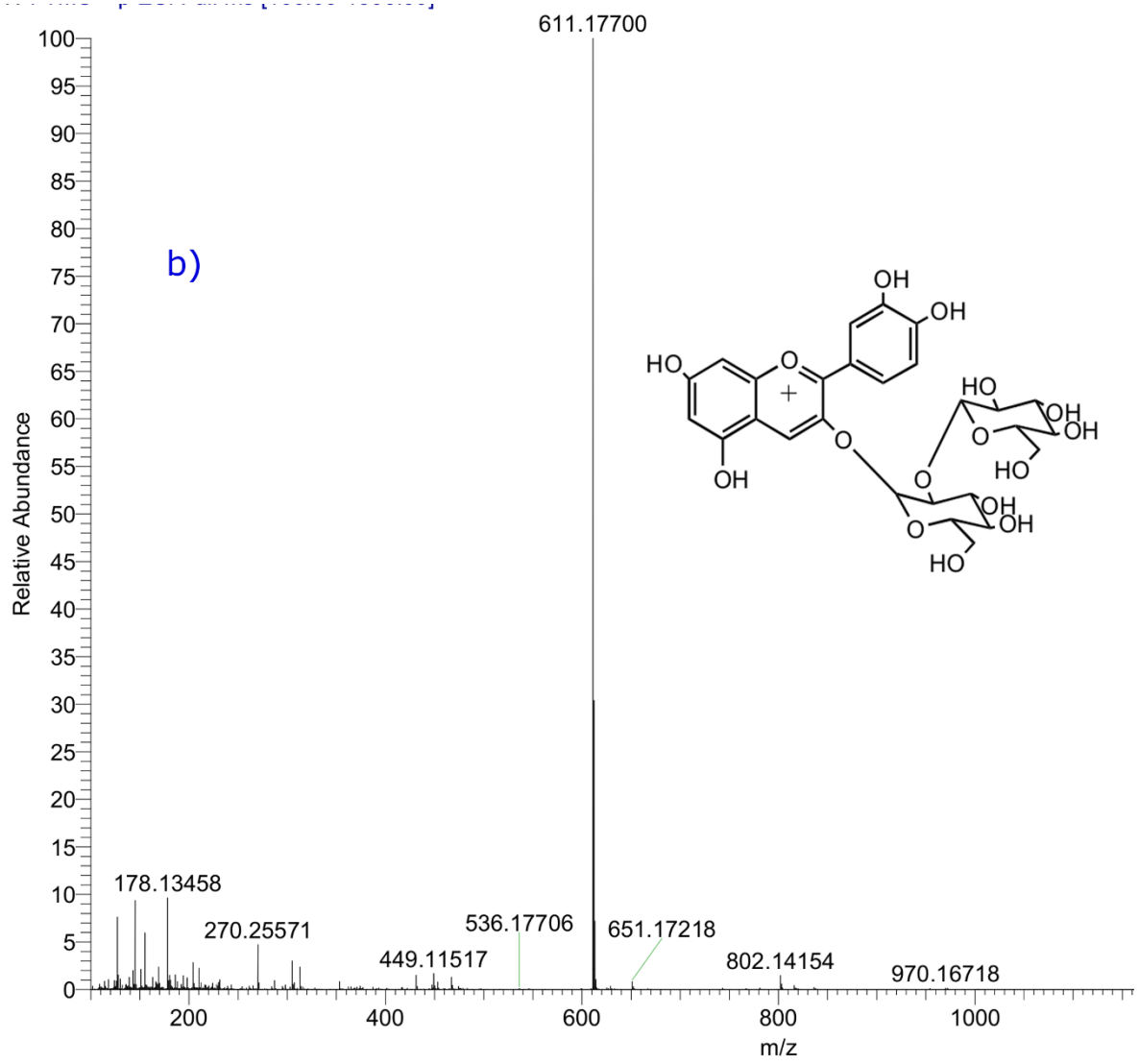
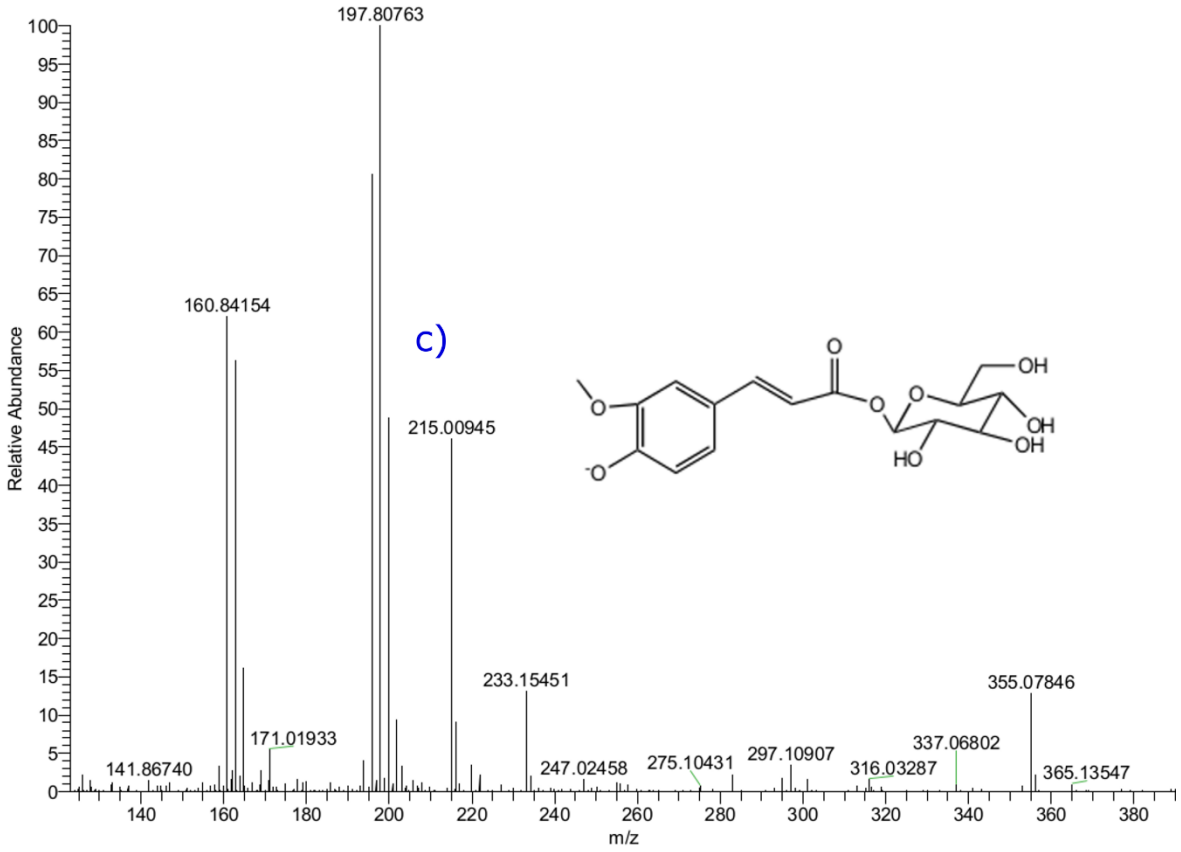
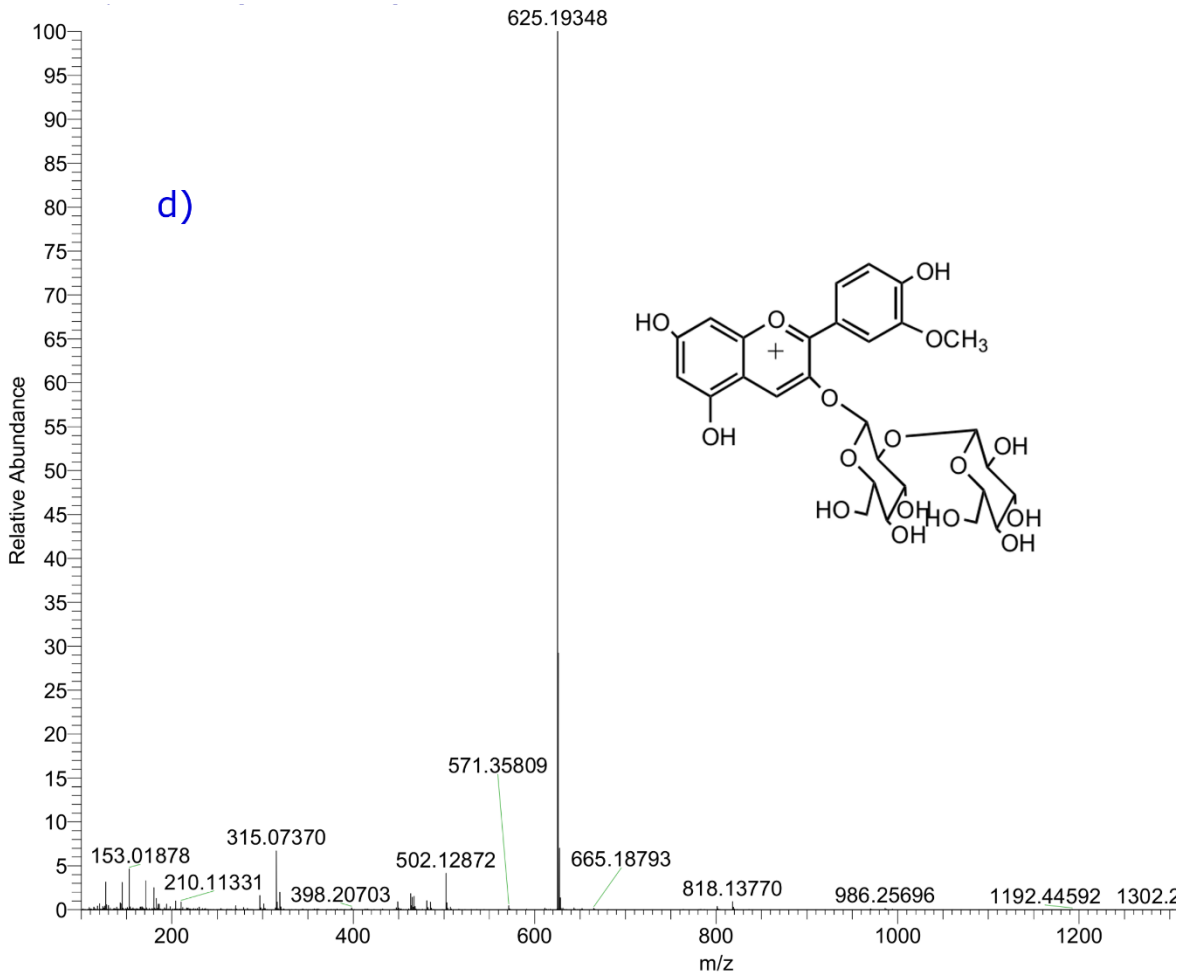
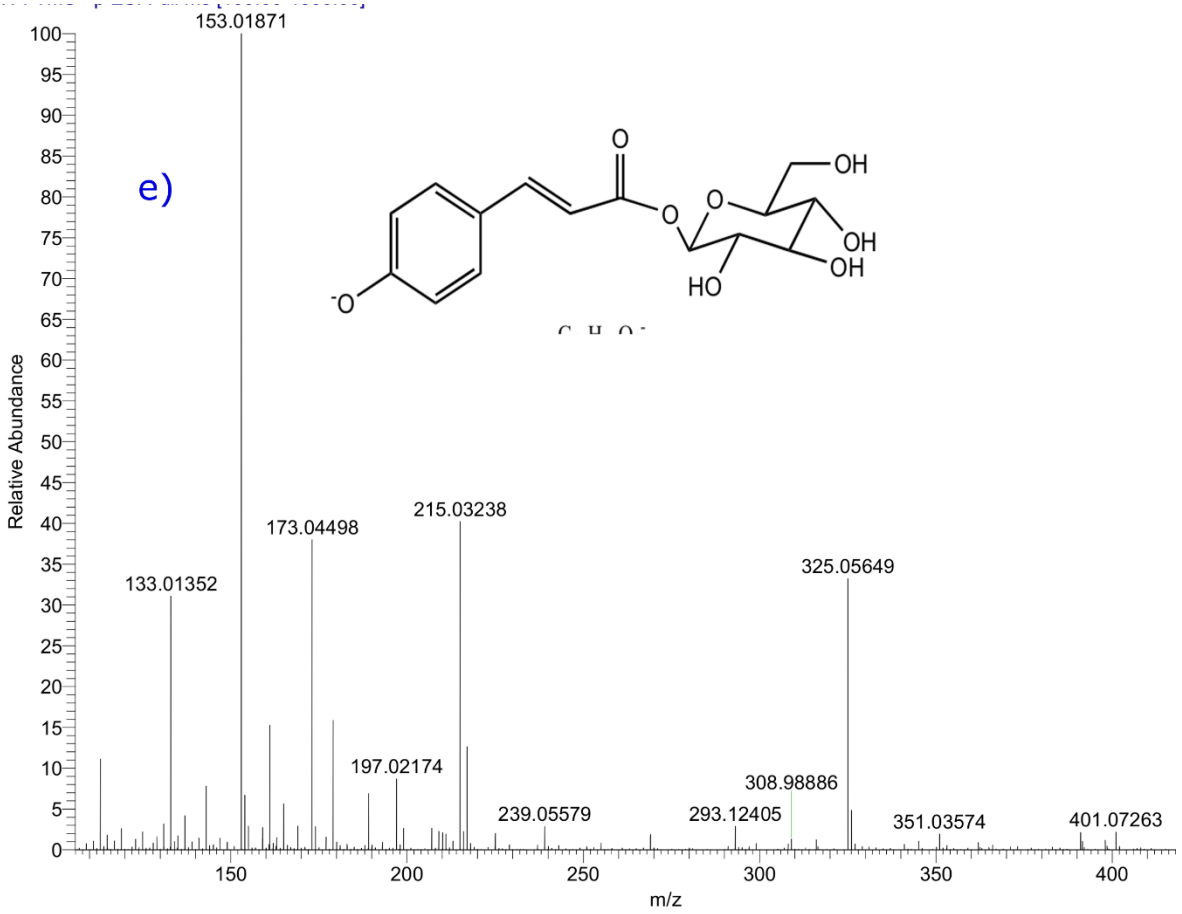
SUPLEMENTARY FIGURES



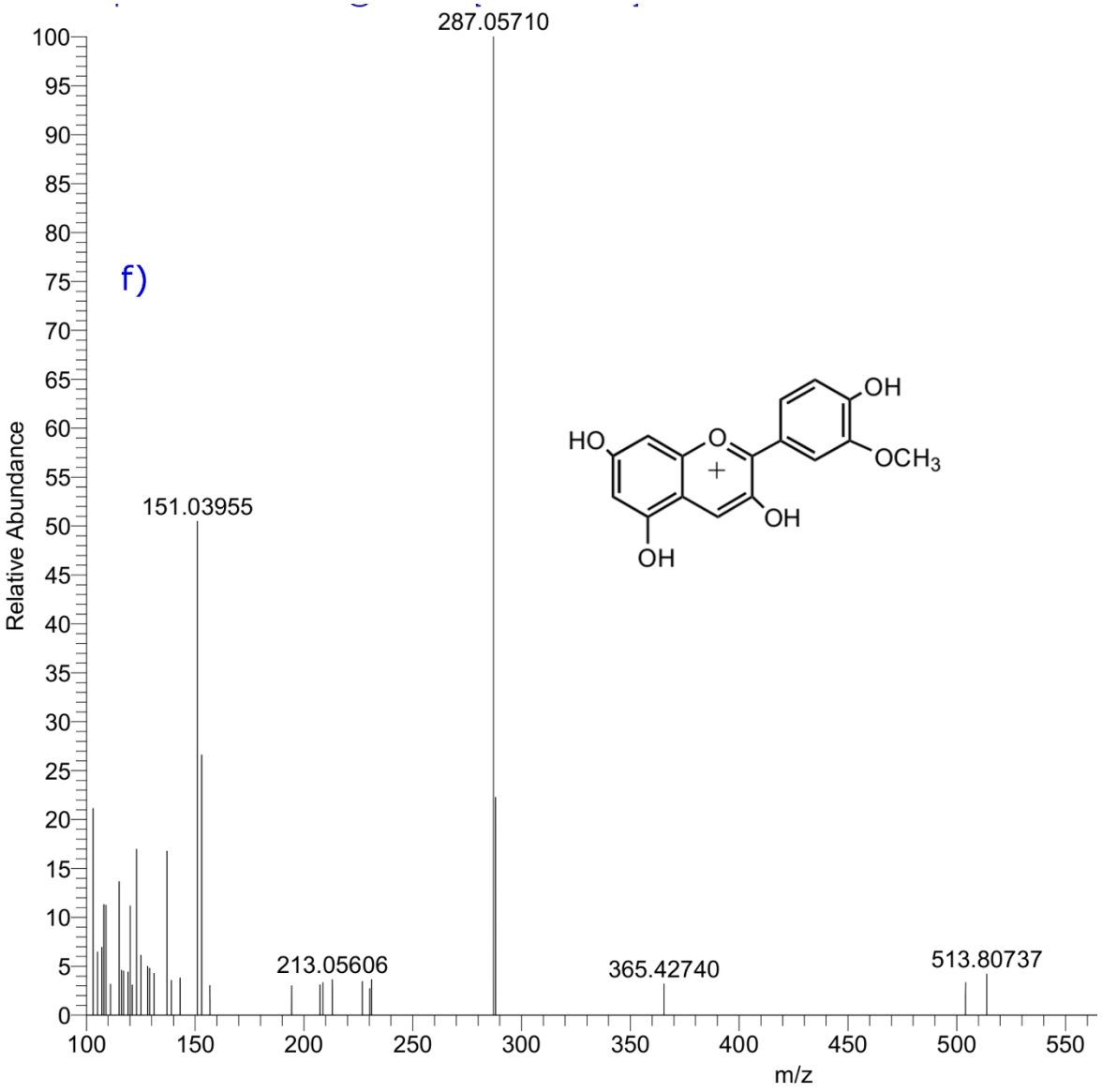

b)
611.17700
178.13458
270.25571
449.11517
536.17706
651.17218
802.14154
970.16718
Relative Abundance
m/z
100
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
200
400
600
800
1000
OH
OH
HO
O
+
HO
OH
OH
O
O
HO
O
OH
OH
O
HO


197.80763
160.84154
c)
215.00945
233.15451
355.07846
171.01933
337.06802
141.86740
247.02458
275.10431
297.10907
316.03287
365.13547
Relative Abundance
m/z
OH
OH
OH
HO
O


d)
625.19348
571.35809
315.07370
153.01878
210.11331
502.12872
665.18793
398.20703
818.13770
986.25696
1192.44592
1302.2
Relative Abundance
m/z
HO
OH
OCH3
OH
O
OH
HO
OH
OH
HO
OH
OH


e)
153.01871
215.03238
173.04498
133.01352
325.05649
197.02174
308.98886
239.05579
293.12405
351.03574
401.07263
Relative Abundance
m/z
O
OH
O
O
OH
OH
HO
-O

f)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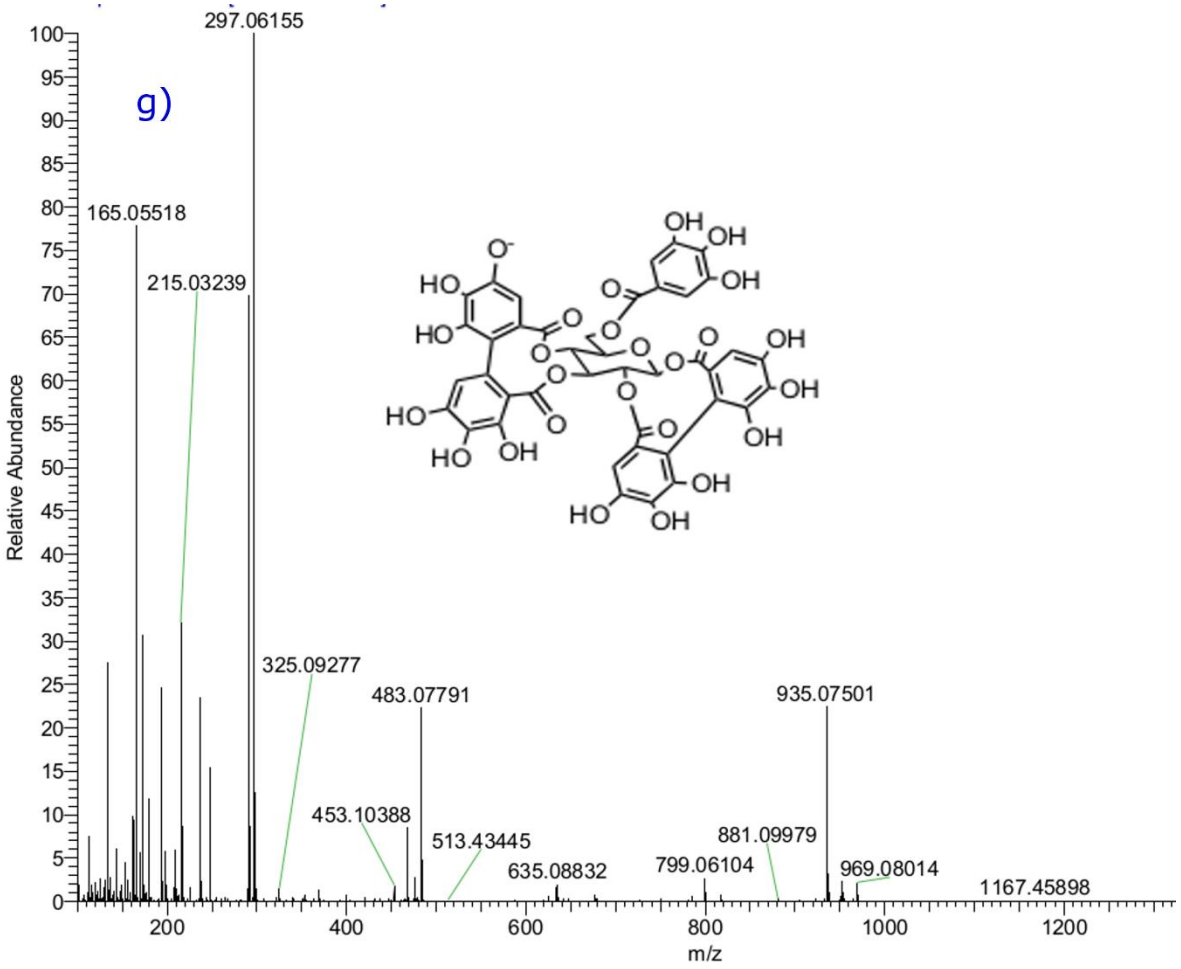
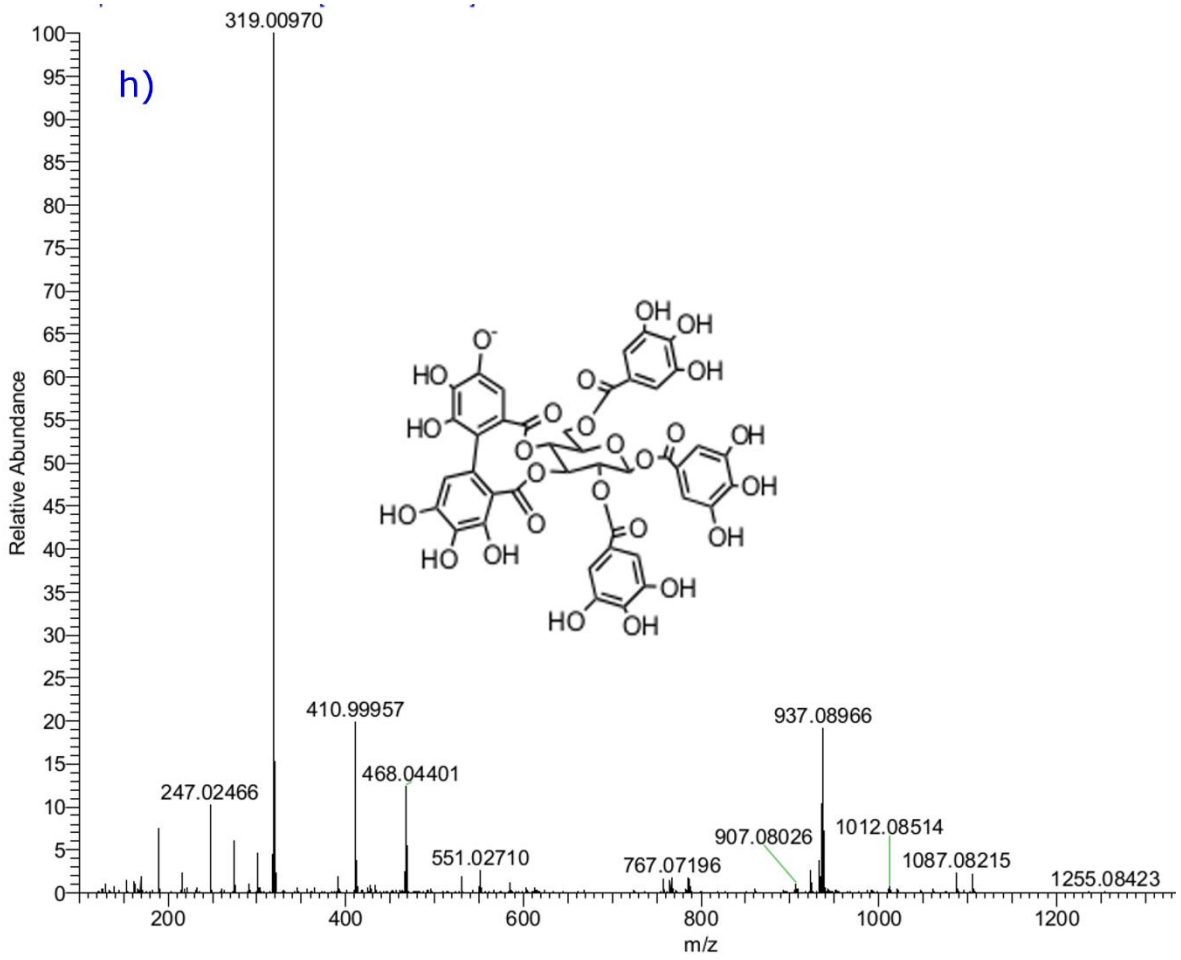
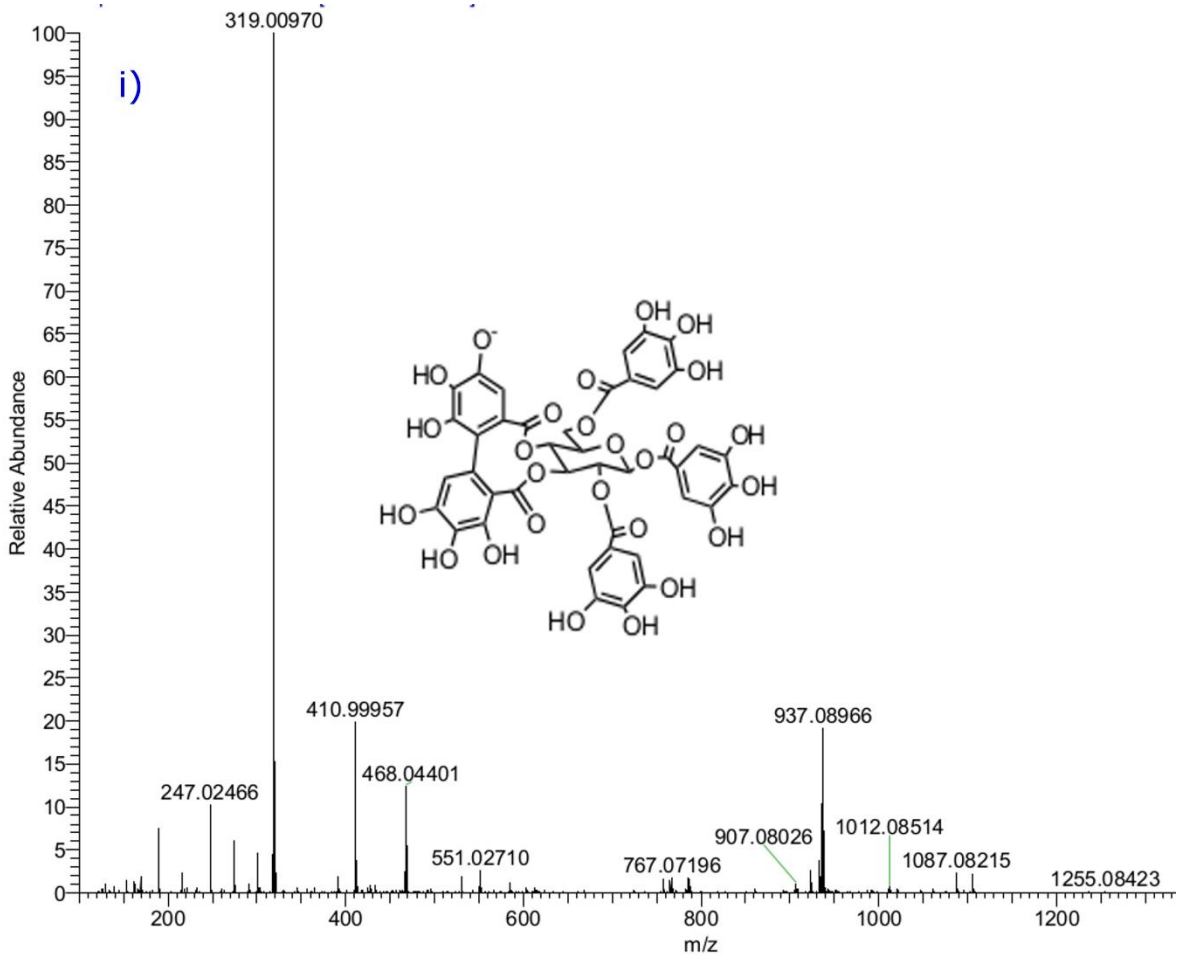
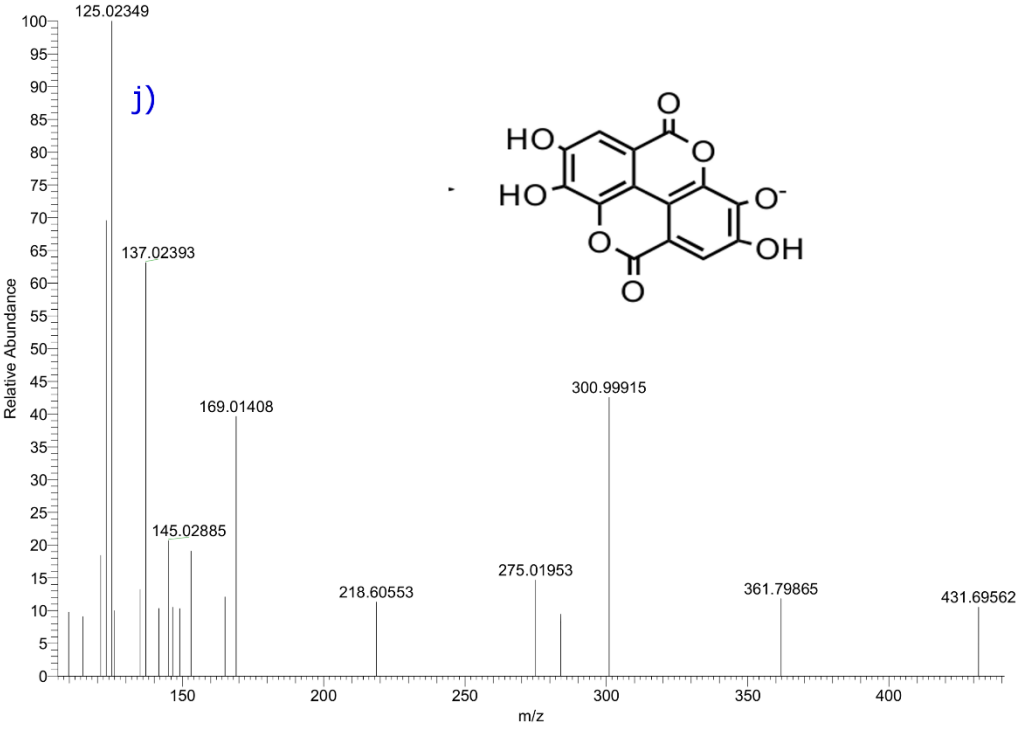
213.05606
365.42740
513.80737
Relative Abundance
m/z
HO
O
OH
OCH3
OH
OH

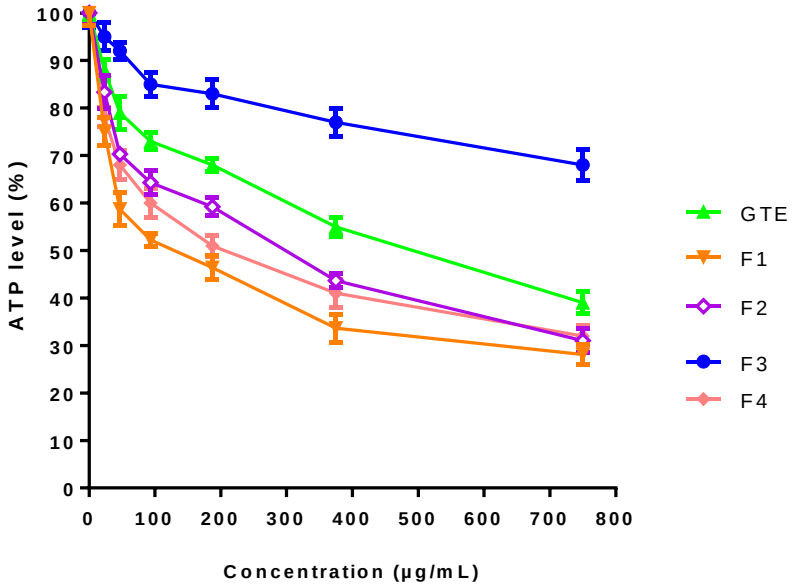

g)
297.06155
165.05518
215.03239
325.09277
483.07791
935.07501
453.10388
513.43445
635.08832
799.06104
881.09979
969.08014
1167.45898
Relative Abundance
m/z


h)
319.00970
410.99957
468.04401
247.02466
551.02710
767.07196
907.08026
937.08966
1012.08514
1087.08215
1255.08423
Relative Abundance
m/z


i)
319.00970
410.99957
468.04401
247.02466
551.02710
767.07196
907.08026
937.08966
1012.08514
1087.08215
1255.08423
Relative Abundance
m/z


j)
125.02349
137.02393
169.01408
145.02885
218.60553
275.01953
300.99915
361.79865
431.69562
Relative Abundance
m/z

Supplementary Figure 1. Figures (a-k): Full MS spectra and structures of peaks 1, 7-10, 18, 23-26 and 28, respectively.



Supplementary Figure 2. GTE and its CPC fractions effect upon the *H. pylori* ATP levels. CFU/mL was incubated in the presence of samples (0-1800 µg/mL), under microaerobic conditions during 1 h. ATP levels were analyzed by chemiluminiscence as described in Materials and Methods section.