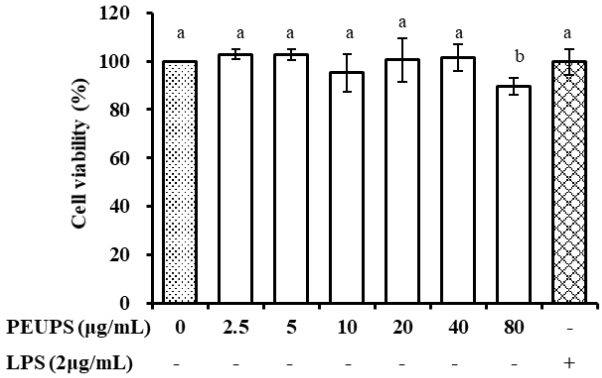
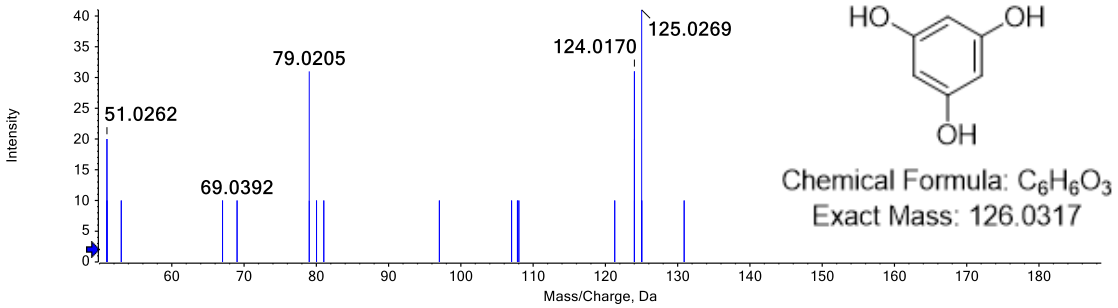


Figure S1. Effects of PEUPS on cell viability in RAW 264.7 cells. Cells (4×105 cells/mL) were incubated for 24 h with the indicated concentrations (2.5, 5, 10, 20, 40, 80 μg/mL) of PEUPS and 2 μg/mL of LPS. The cell viability assay was performed using MTT assay. Values are means ± SE (n = 3). Bars not sharing a common letter are significantly different (p < 0.05) from each other.

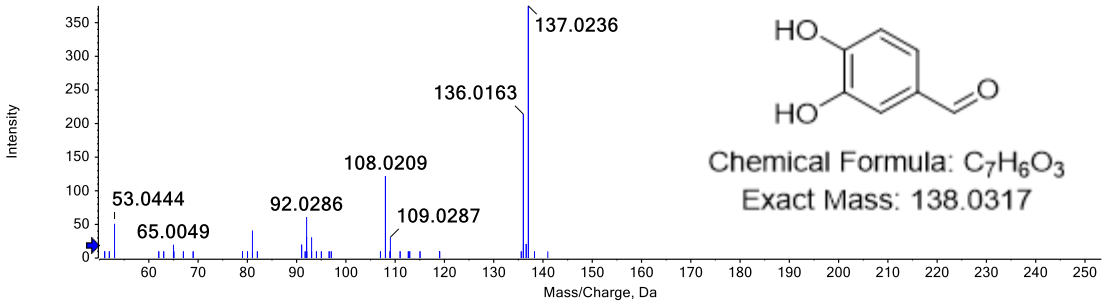
(a)

Spectrum from QDC-NEG.wiff (sample 1) - Sample002, Experiment 2, -TOF MS^2 (50 - 2000) from 2.961 min
Precursor: 125.0 Da



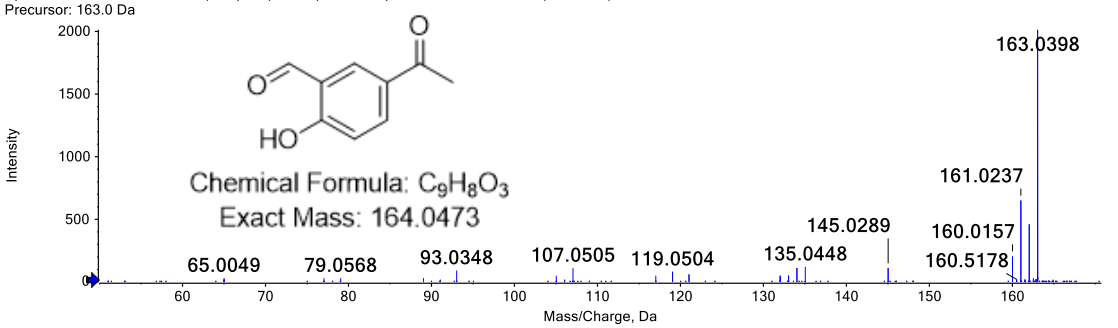
(b)

Spectrum from QDC-NEG.wiff (sample 1) - Sample002, Experiment 2, -TOF MS^2 (50 - 2000) from 5.420 min
Precursor: 137.0 Da



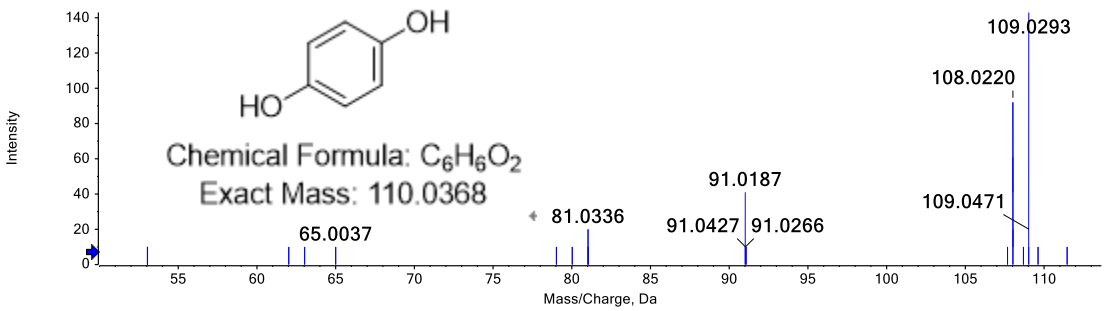
(c)

Spectrum from QDC-NEG.wiff (sample 1) - Sample002, Experiment 3, -TOF MS^2 (50 - 2000) from 5.561 min
Precursor: 163.0 Da

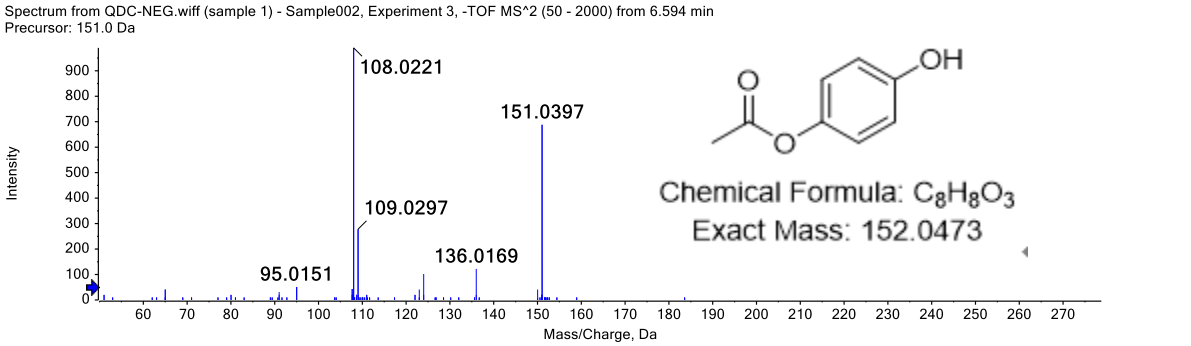


(d)

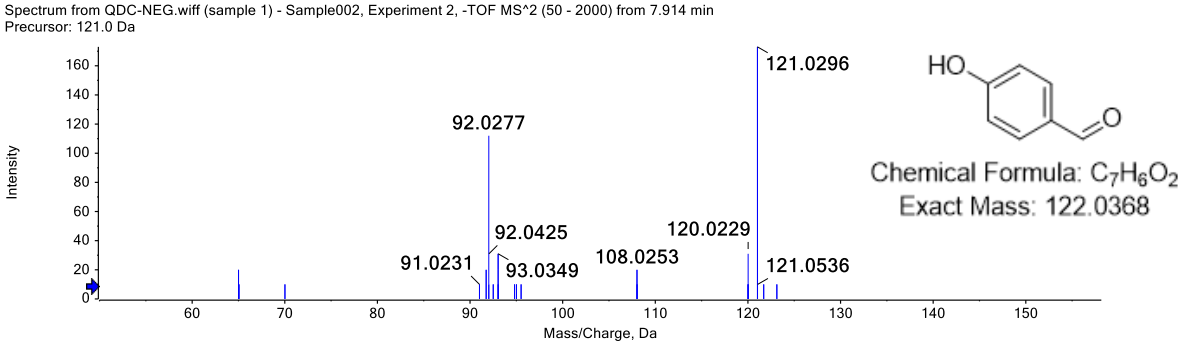
Spectrum from QDC-NEG.wiff (sample 1) - Sample002, Experiment 2, -TOF MS^2 (50 - 2000) from 5.715 min
Precursor: 109.0 Da



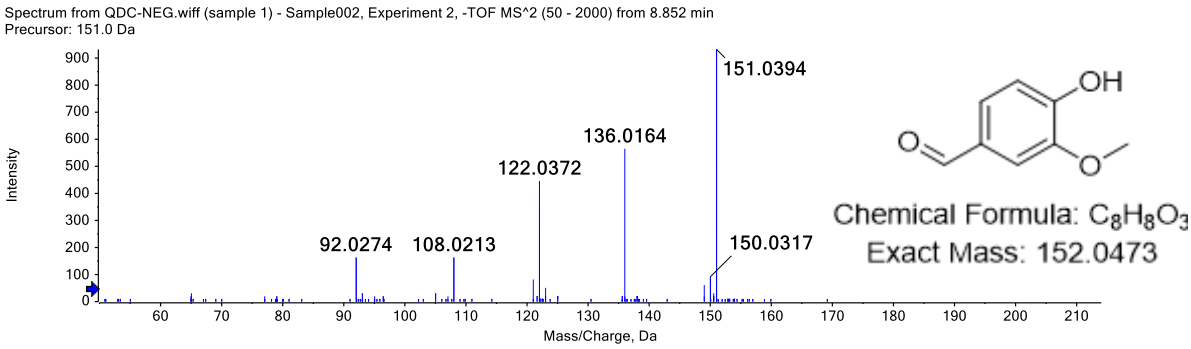
(e)


Spectrum from QDC-NEG.wiff (sample 1) - Sample002, Experiment 3, -TOF MS^2 (50 - 2000) from 6.594 min
Precursor: 151.0 Da
108.0221
151.0397
109.0297
136.0169
95.0151
Intensity
Mass/Charge, Da
OH
O
O
Chemical Formula: C8H8O3
Exact Mass: 152.0473

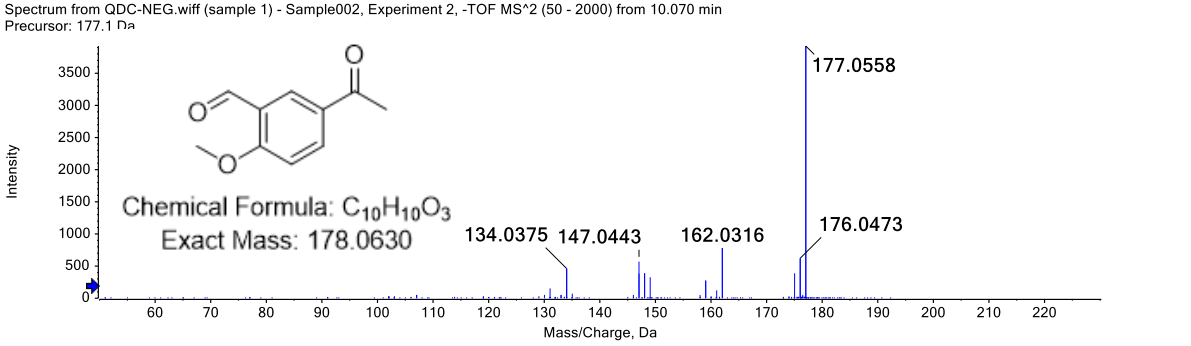
(f)


Spectrum from QDC-NEG.wiff (sample 1) - Sample002, Experiment 2, -TOF MS^2 (50 - 2000) from 7.914 min
Precursor: 121.0 Da
121.0296
92.0277
92.0425
120.0229
91.0231
93.0349
108.0253
121.0536
Intensity
Mass/Charge, Da
HO
O
Chemical Formula: C7H6O2
Exact Mass: 122.0368

(g)


Spectrum from QDC-NEG.wiff (sample 1) - Sample002, Experiment 2, -TOF MS^2 (50 - 2000) from 8.852 min
Precursor: 151.0 Da
151.0394
136.0164
122.0372
92.0274
108.0213
150.0317
Intensity
Mass/Charge, Da
OH
O
O
Chemical Formula: C8H8O3
Exact Mass: 152.0473

(h)


Spectrum from QDC-NEG.wiff (sample 1) - Sample002, Experiment 2, -TOF MS^2 (50 - 2000) from 10.070 min
Precursor: 177.1 Da
177.0558
176.0473
134.0375
147.0443
162.0316
Intensity
Mass/Charge, Da
O
O
O
Chemical Formula: C10H10O3
Exact Mass: 178.0630

(i)

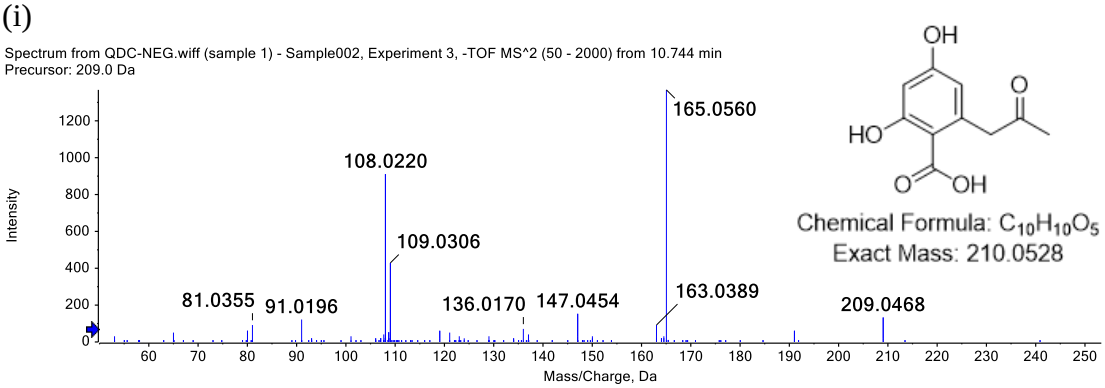


Figure S2. Nine polyphenolic compounds in extracted PEUPS based on the optimal condition. (a) 3,5-dihydroxyphenol; (b) 3,4-dihydroxybenzaldehyde; (c) 5-acetoxy-2-hydroxybenzaldehyde; (d) hydroquinone; (e) hydroquinone monoacetate; (f) hydroquinone monoacetate; (g) C8H8O3; (h) 1-(3-methoxy-4-hydroxyphenyl) ethenone; (i) 4-methoxy-phenol