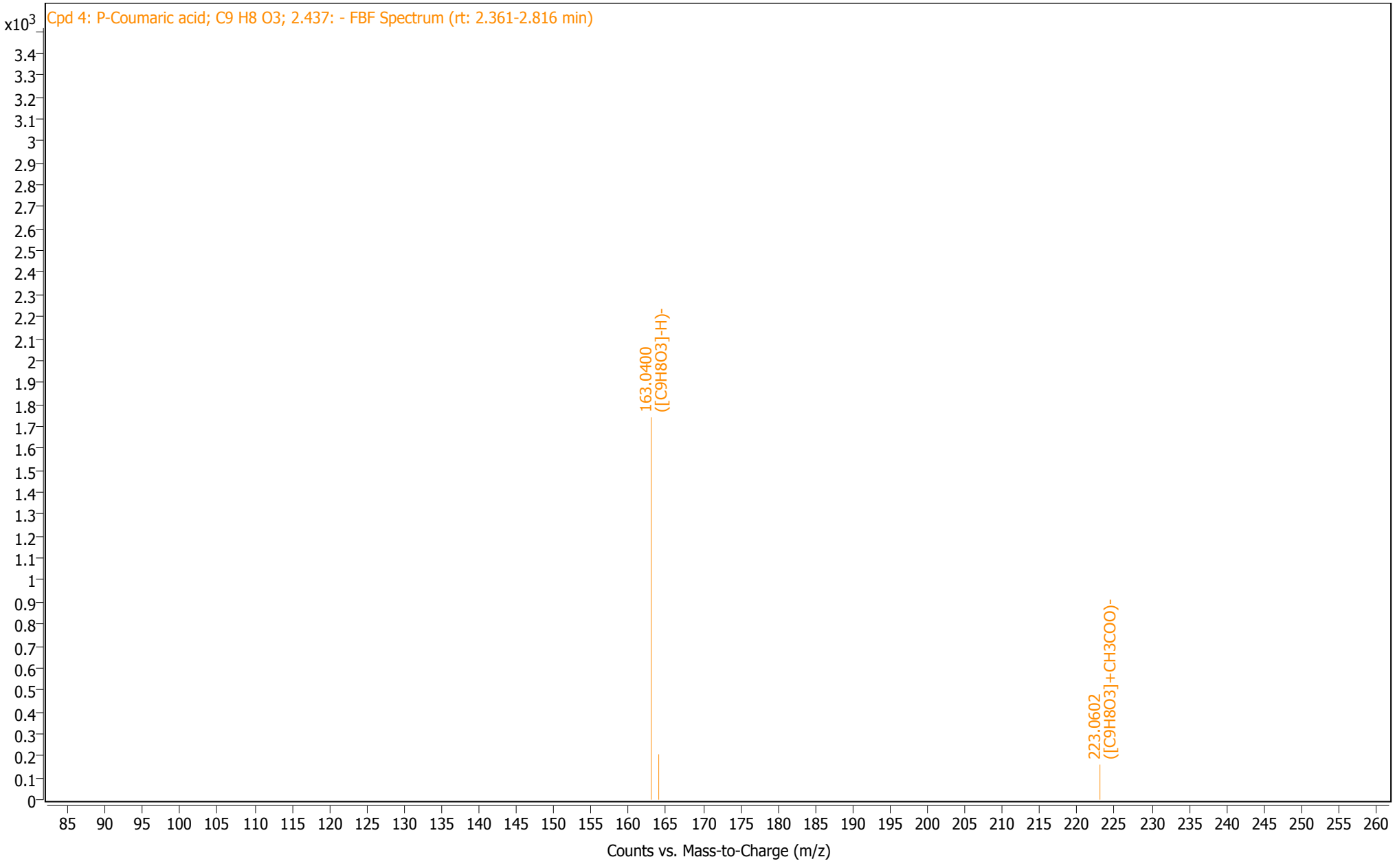
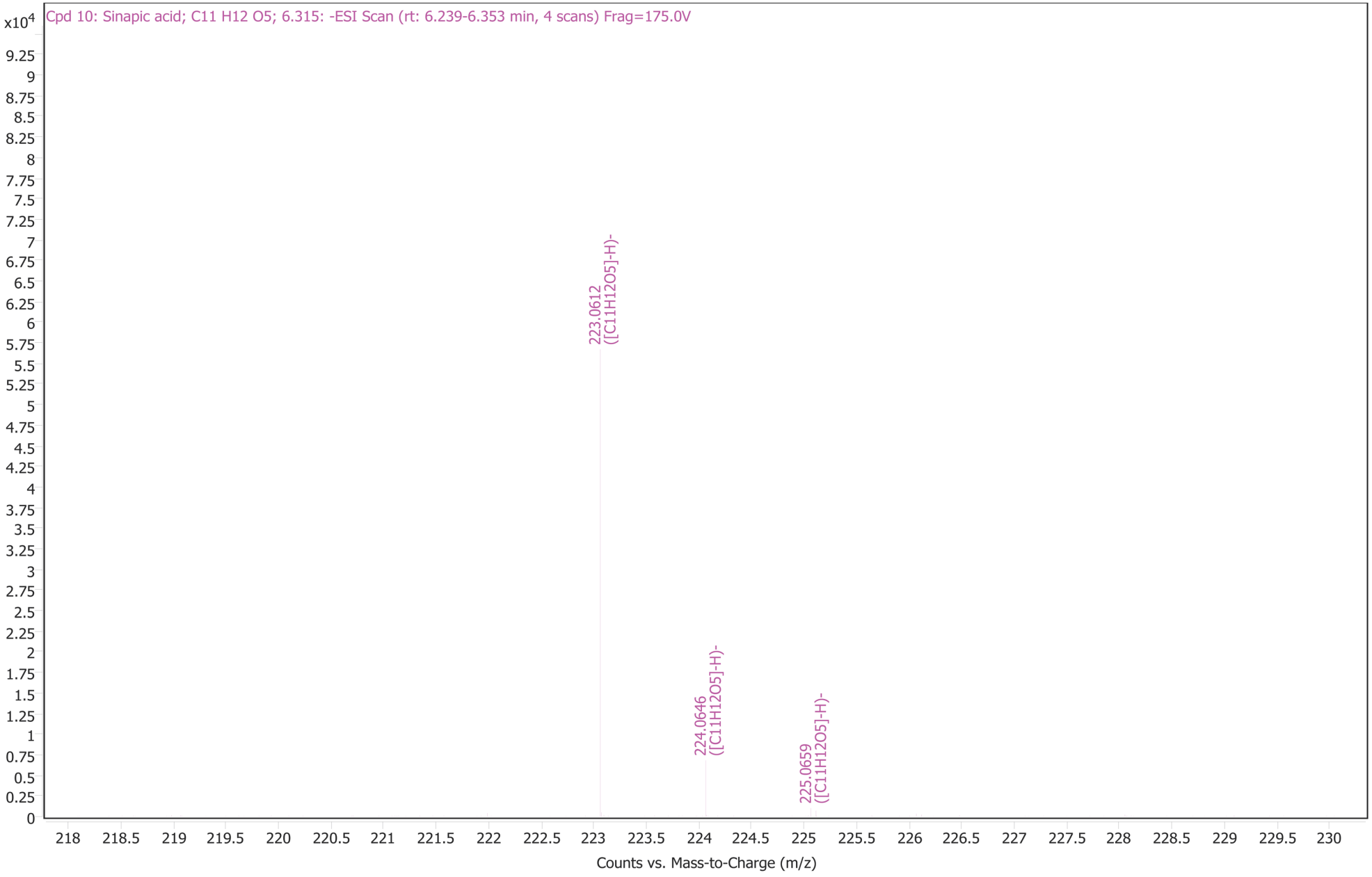
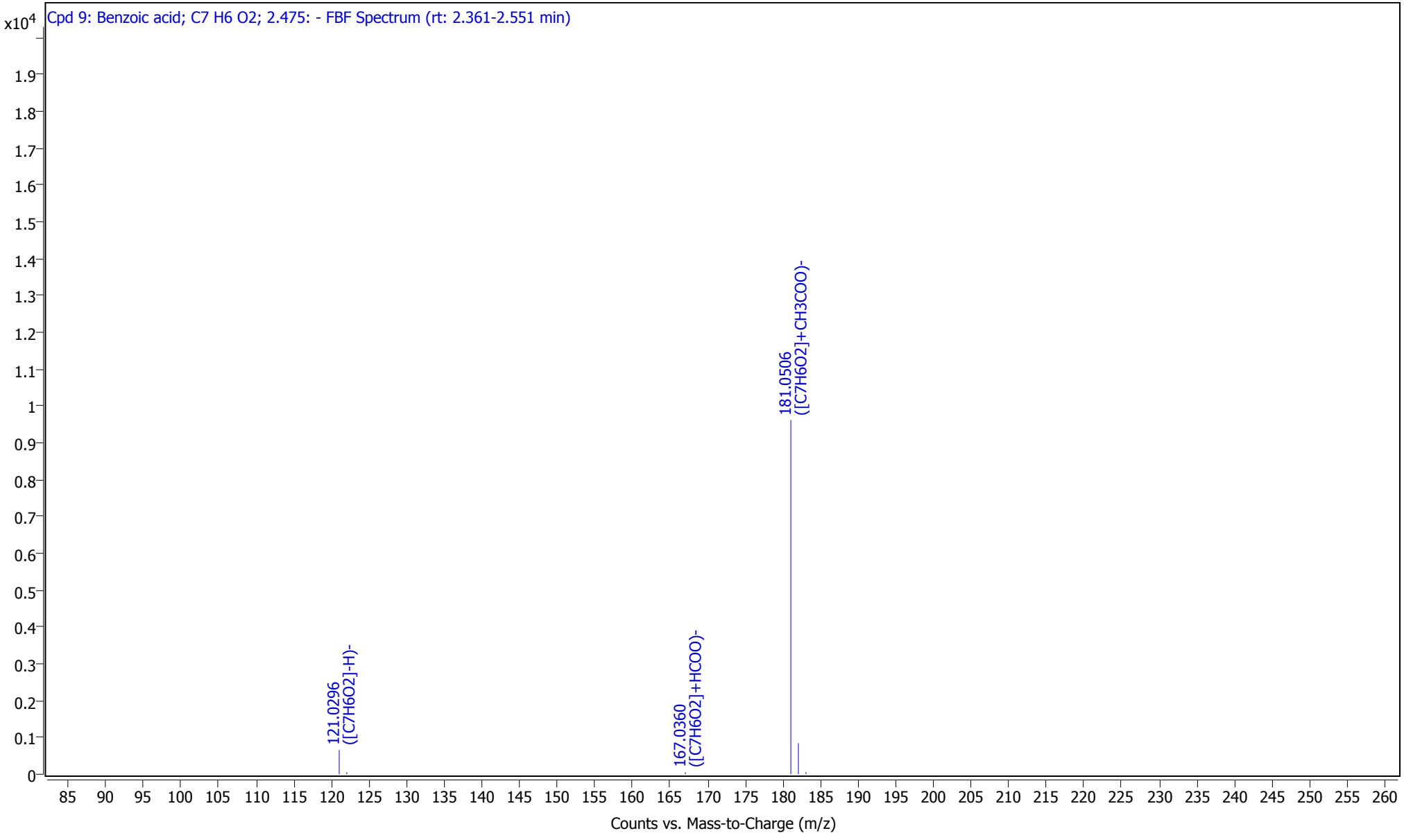
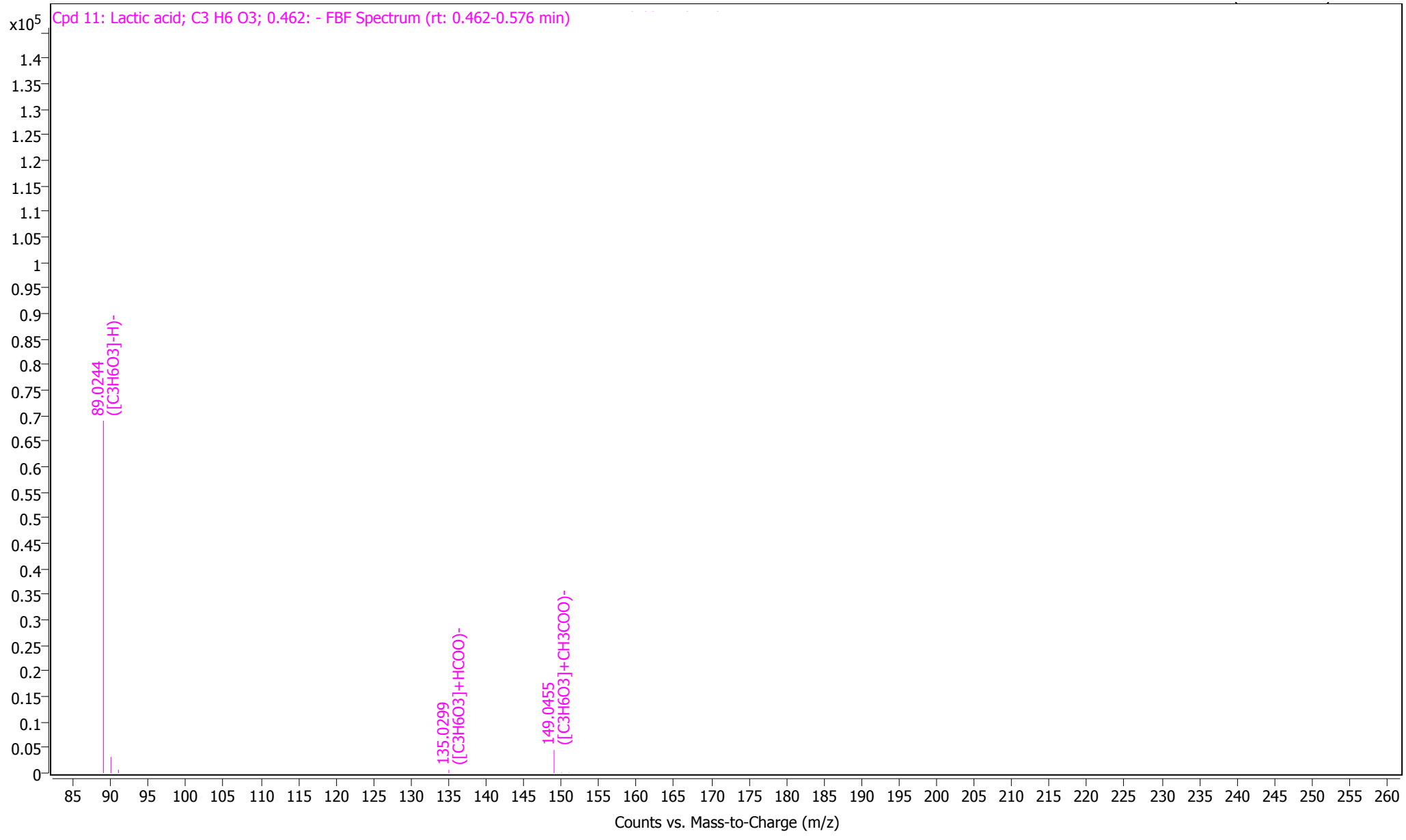
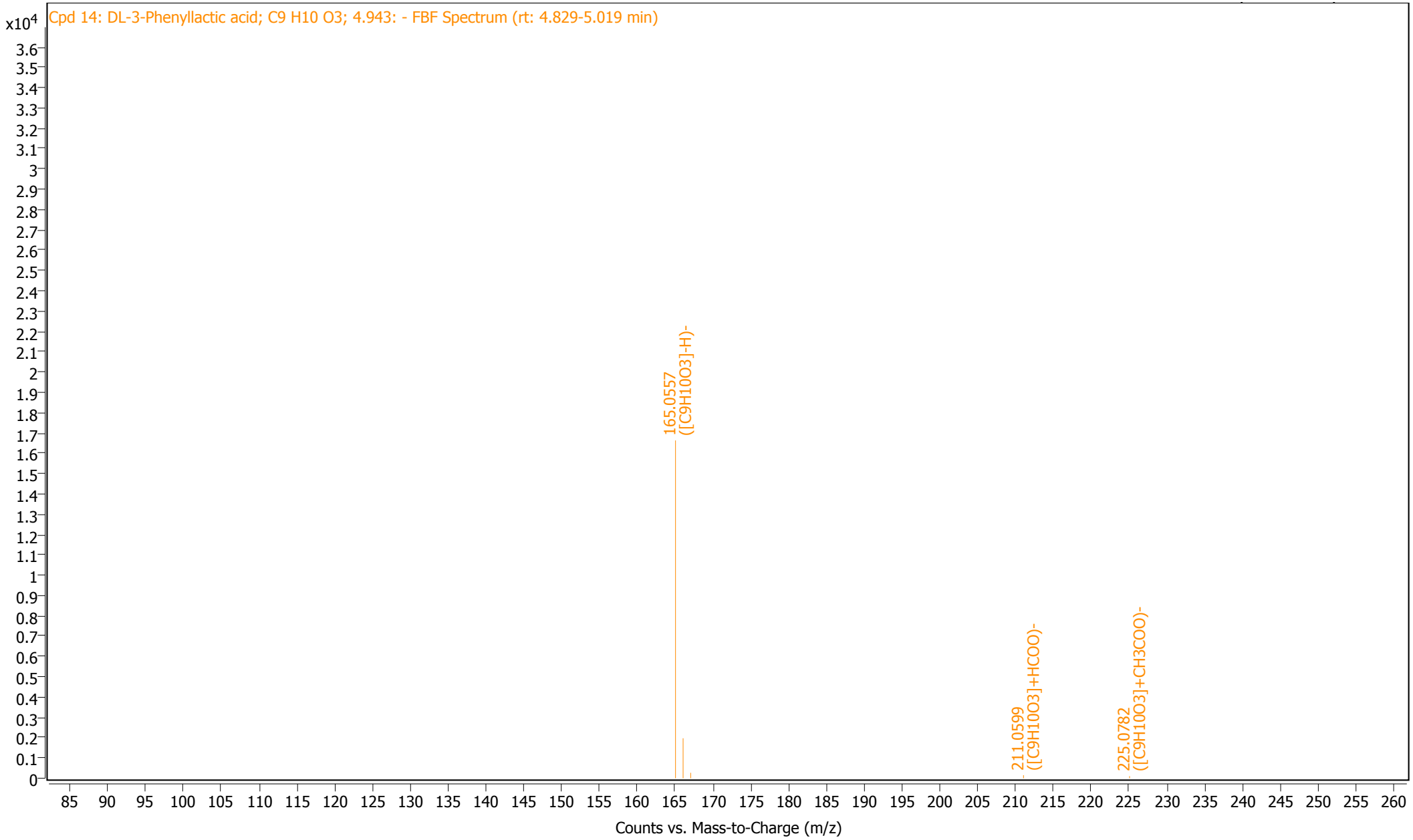
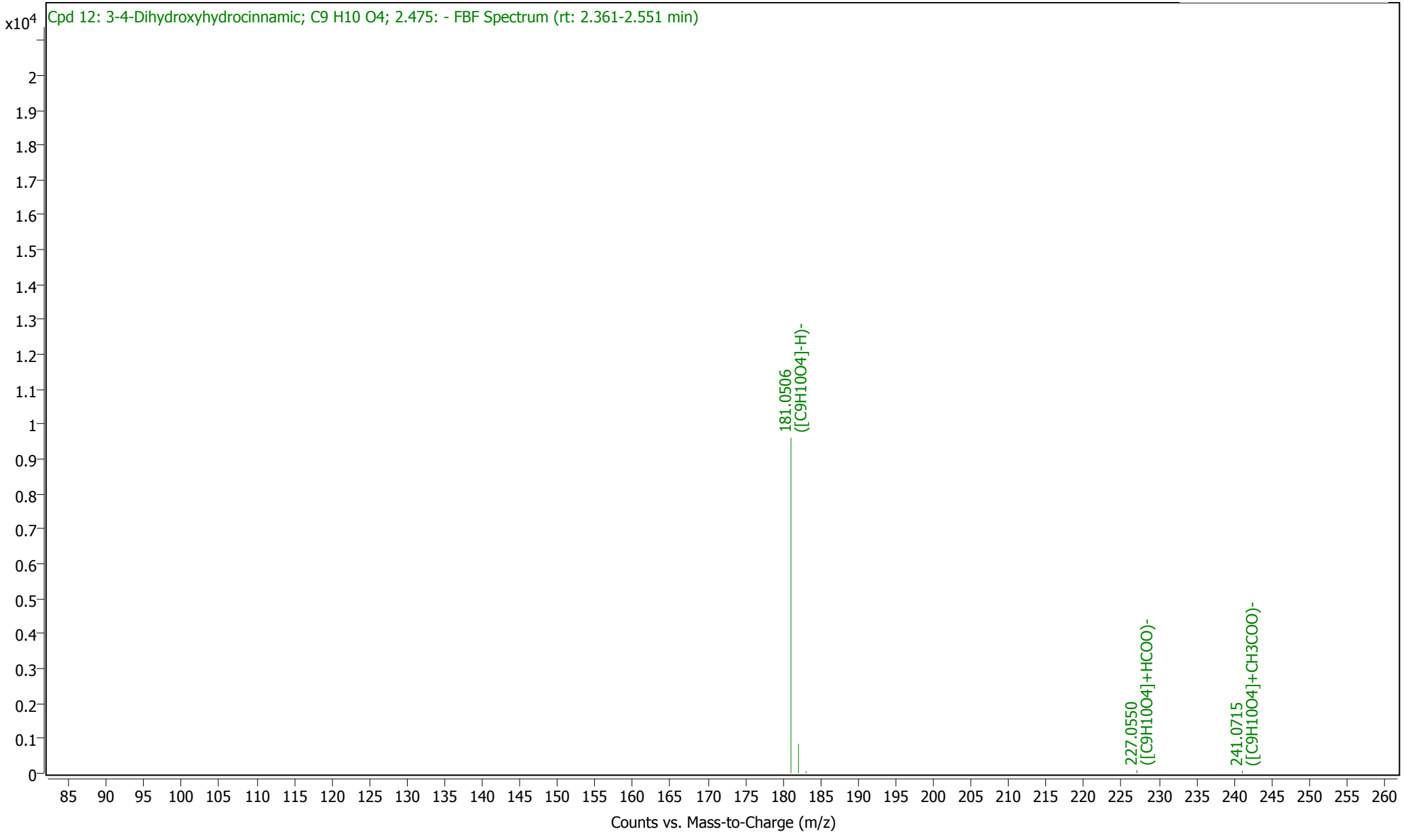

Cpd 4: P-Coumaric acid; C9 H8 O3; 2.437: - FBF Spectrum (rt: 2.361-2.816 min)
x10^3
3.4
3.3
3.2
3.1
3
2.9
2.8
2.7
2.6
2.5
2.4
2.3
2.2
2.1
2
1.9
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
163.0400
([C9H8O3]-H)-
223.0602
([C9H8O3]+CH3COO)-
85 90 95 100 105 110 115 120 125 130 135 140 145 150 155 160 165 170 175 180 185 190 195 200 205 210 215 220 225 230 235 240 245 250 255 260
Counts vs. Mass-to-Charge (m/z)

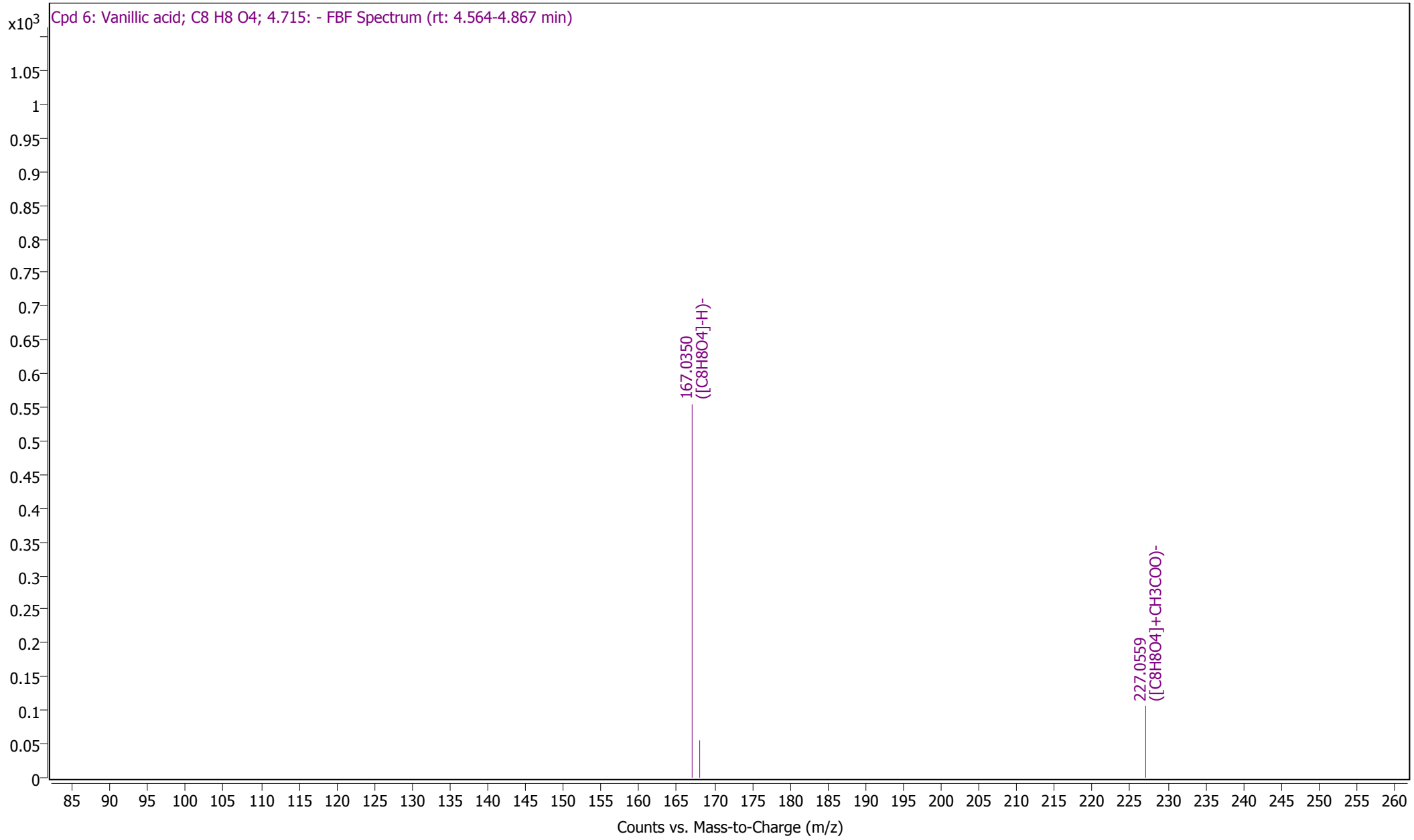

Cpd 10: Sinapic acid; C11 H12 O5; 6.315: -ESI Scan (rt: 6.239-6.353 min, 4 scans) Frag=175.0V
x10^4
223.0612
([C11H12O5]-H)-
224.0646
([C11H12O5]-H)-
225.0659
([C11H12O5]-H)-
Counts vs. Mass-to-Charge (m/z)

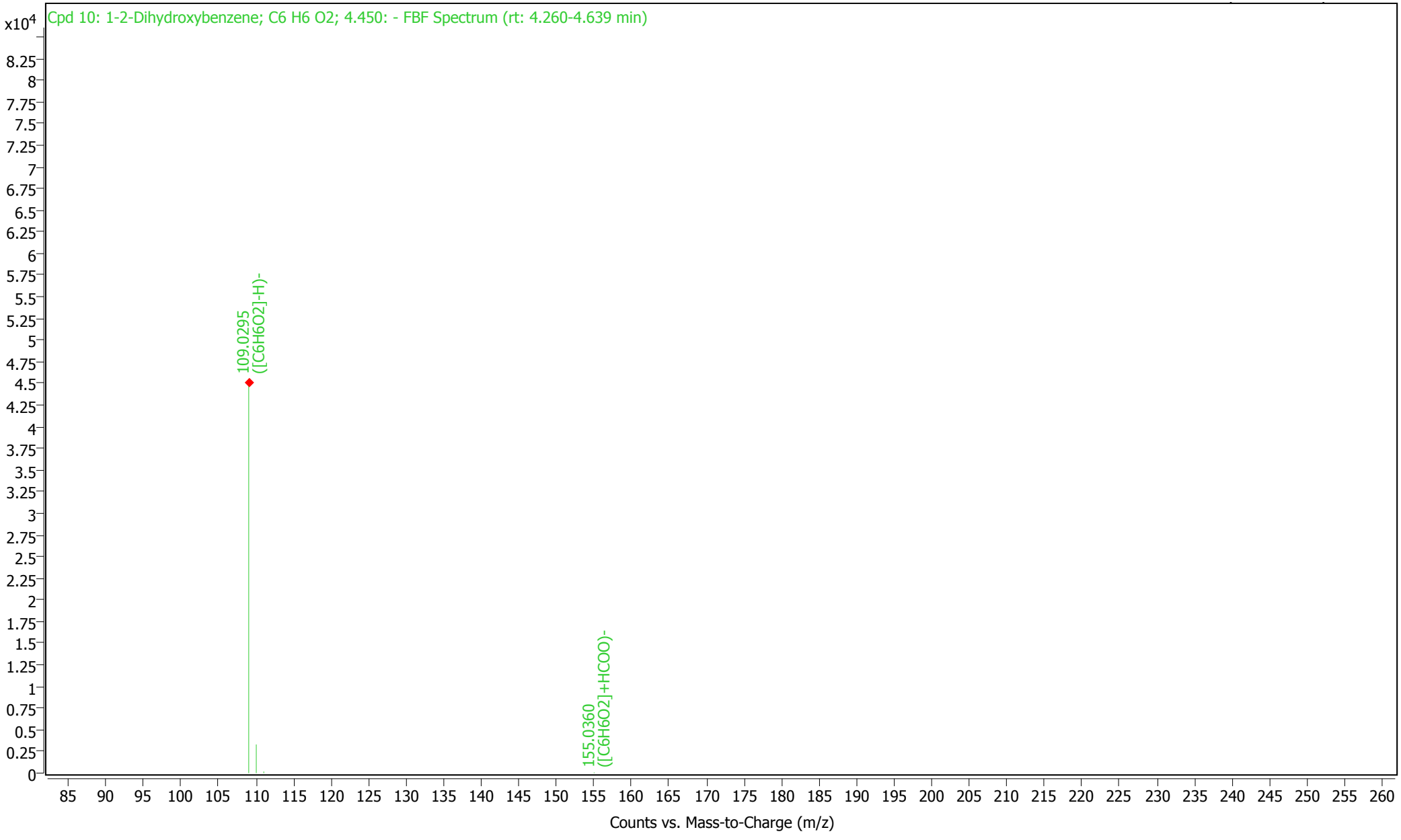

Cpd 9: Benzoic acid; C7 H6 O2; 2.475: - FBF Spectrum (rt: 2.361-2.551 min)
x10^4
1.9
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
121.0296
([C7H6O2]-H)-
167.0360
([C7H6O2]+HCOO)-
181.0506
([C7H6O2]+CH3COO)-
85 90 95 100 105 110 115 120 125 130 135 140 145 150 155 160 165 170 175 180 185 190 195 200 205 210 215 220 225 230 235 240 245 250 255 260
Counts vs. Mass-to-Charge (m/z)

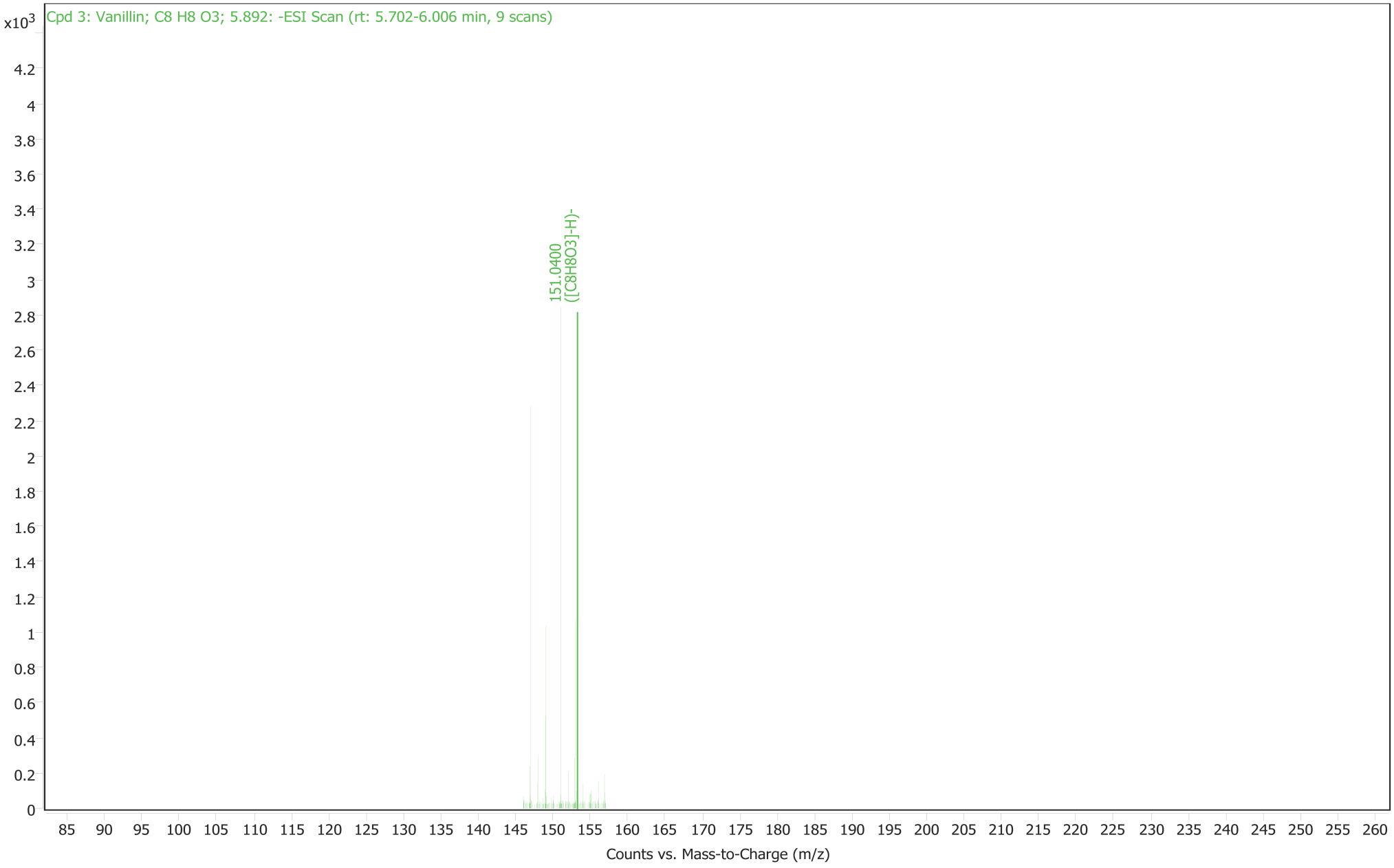

Cpd 11: Lactic acid; C3 H6 O3; 0.462: - FBF Spectrum (rt: 0.462-0.576 min)
x10^5
89.0244
([C3H6O3]-H)-
135.0299
([C3H6O3]+HCOO)-
149.0455
([C3H6O3]+CH3COO)-
Counts vs. Mass-to-Charge (m/z)


Cpd 14: DL-3-Phenyllactic acid; C9 H10 O3; 4.943: - FBF Spectrum (rt: 4.829-5.019 min)
x10^4
3.6
3.5
3.4
3.3
3.2
3.1
3
2.9
2.8
2.7
2.6
2.5
2.4
2.3
2.2
2.1
2
1.9
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
165.0557
([C9H10O3]-H)-
211.0599
([C9H10O3]+HCOO)-
225.0782
([C9H10O3]+CH3COO)-
85 90 95 100 105 110 115 120 125 130 135 140 145 150 155 160 165 170 175 180 185 190 195 200 205 210 215 220 225 230 235 240 245 250 255 260
Counts vs. Mass-to-Charge (m/z)

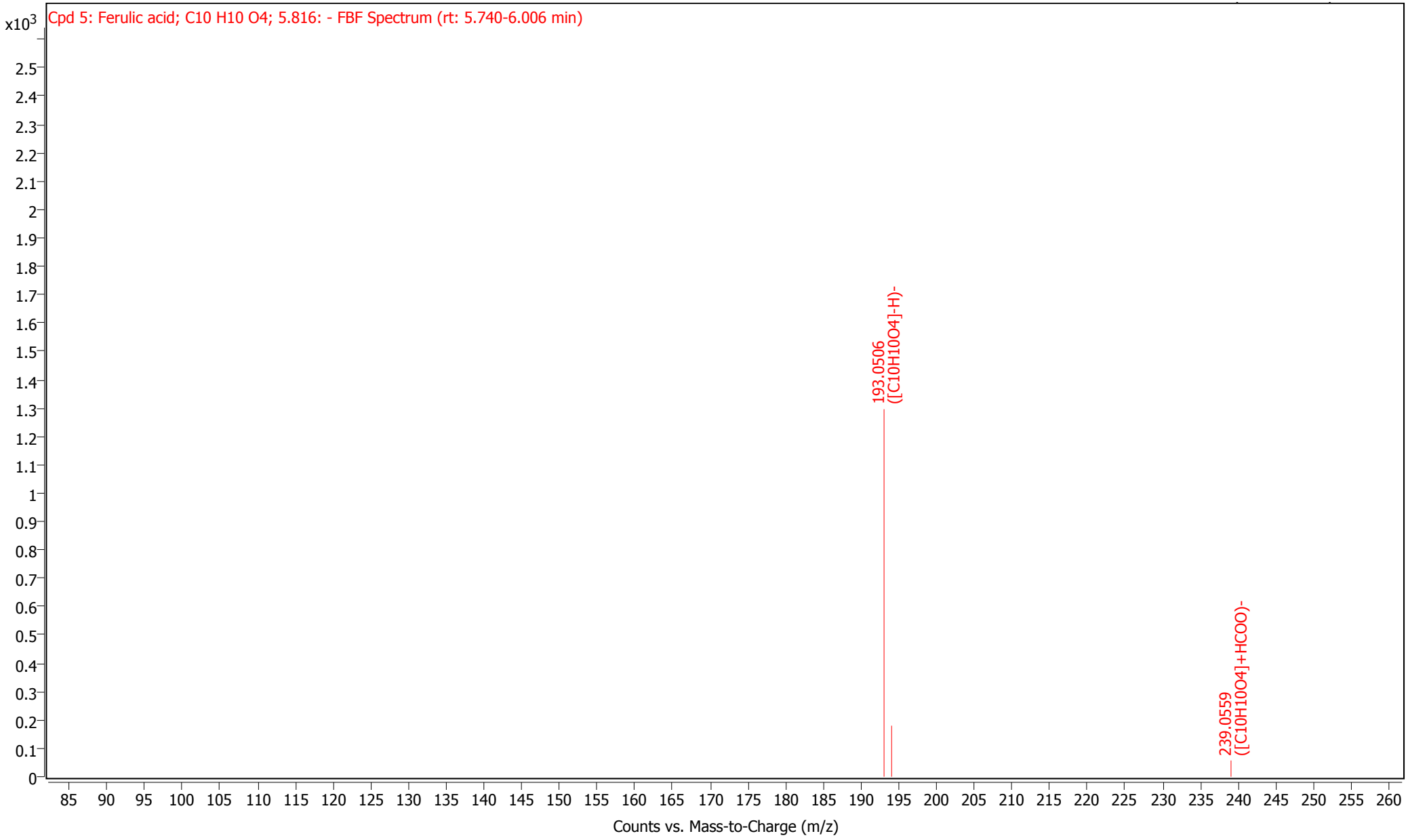

Cpd 12: 3-4-Dihydroxyhydrocinnamic; C9 H10 O4; 2.475: - FBF Spectrum (rt: 2.361-2.551 min)
x10^4
2
1.9
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
181.0506
([C9H10O4]-H)-
227.0550
([C9H10O4]+HCOO)-
241.0715
([C9H10O4]+CH3COO)-
85 90 95 100 105 110 115 120 125 130 135 140 145 150 155 160 165 170 175 180 185 190 195 200 205 210 215 220 225 230 235 240 245 250 255 260
Counts vs. Mass-to-Charge (m/z)

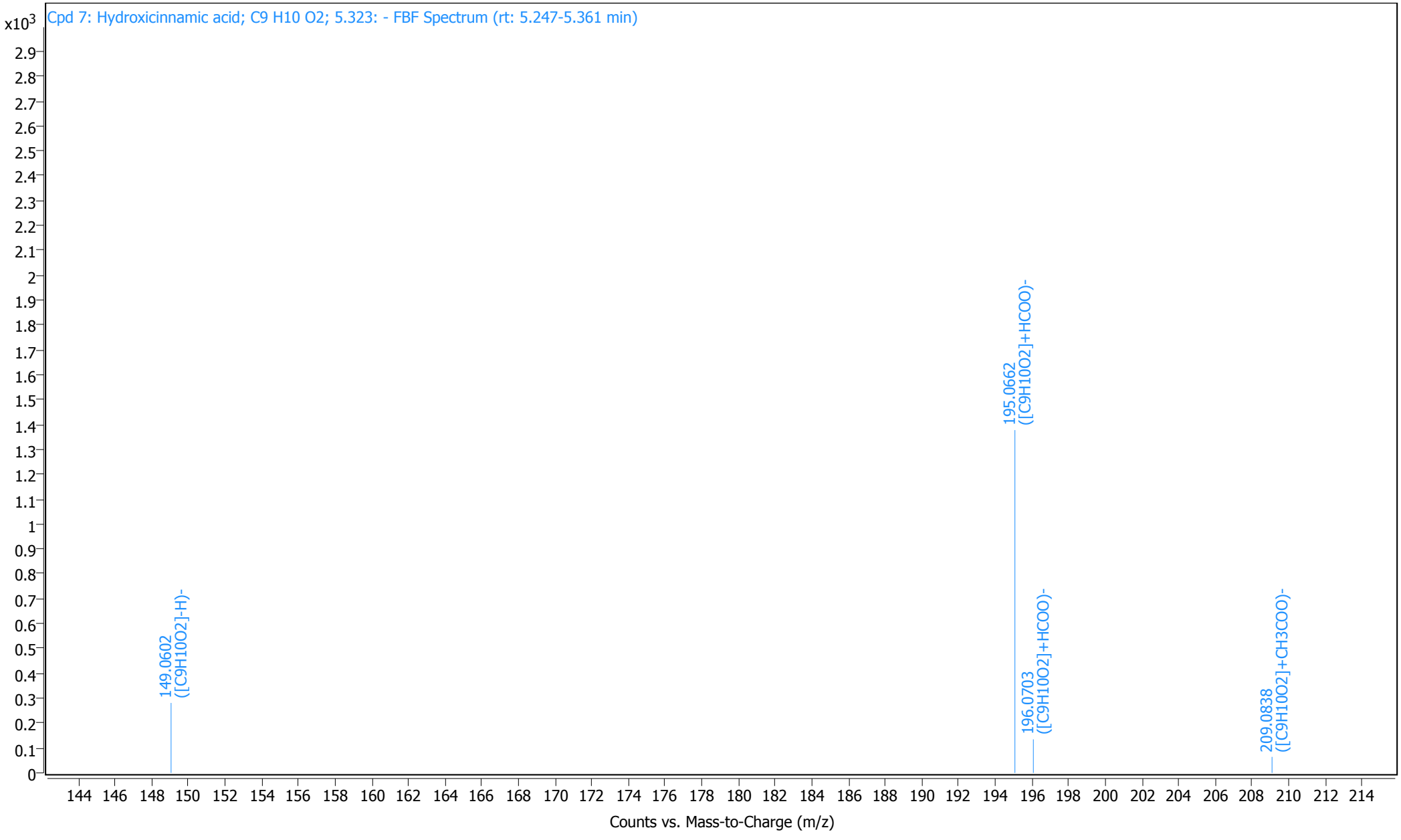

Cpd 6: Vanillic acid; C8 H8 O4; 4.715: - FBF Spectrum (rt: 4.564-4.867 min)
x10^3
1.05
1
0.95
0.9
0.85
0.8
0.75
0.7
0.65
0.6
0.55
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
167.0350
([C8H8O4]-H)-
227.0559
([C8H8O4]+CH3COO)-
85 90 95 100 105 110 115 120 125 130 135 140 145 150 155 160 165 170 175 180 185 190 195 200 205 210 215 220 225 230 235 240 245 250 255 260
Counts vs. Mass-to-Charge (m/z)


Cpd 10: 1-2-Dihydroxybenzene; C6 H6 O2; 4.450: - FBF Spectrum (rt: 4.260-4.639 min)
x10^4
8.25
8
7.75
7.5
7.25
7
6.75
6.5
6.25
6
5.75
5.5
5.25
5
4.75
4.5
4.25
4
3.75
3.5
3.25
3
2.75
2.5
2.25
2
1.75
1.5
1.25
1
0.75
0.5
0.25
0
109.0295
([C6H6O2]-H)-
155.0360
([C6H6O2]+HCOO)-
85 90 95 100 105 110 115 120 125 130 135 140 145 150 155 160 165 170 175 180 185 190 195 200 205 210 215 220 225 230 235 240 245 250 255 260
Counts vs. Mass-to-Charge (m/z)


Cpd 3: Vanillin; C8 H8 O3; 5.892: -ESI Scan (rt: 5.702-6.006 min, 9 scans)
x10^3
4.2
4
3.8
3.6
3.4
3.2
3
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
151.0400
([C8H8O3]-H)-
85 90 95 100 105 110 115 120 125 130 135 140 145 150 155 160 165 170 175 180 185 190 195 200 205 210 215 220 225 230 235 240 245 250 255 260
Counts vs. Mass-to-Charge (m/z)


Cpd 2: Caffeic acid; C9 H8 O4; 2.019: -ESI Scan (rt: 1.943-2.019 min, 3 scans)
x10^4
1.4
1.35
1.3
1.25
1.2
1.15
1.1
1.05
1
0.95
0.9
0.85
0.8
0.75
0.7
0.65
0.6
0.55
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
179.0356
([C9H8O4]-H)-
239.0559
([C9H8O4]+CH3COO)-
174 176 178 180 182 184 186 188 190 192 194 196 198 200 202 204 206 208 210 212 214 216 218 220 222 224 226 228 230 232 234 236 238 240 242 244 246
Counts vs. Mass-to-Charge (m/z)


Cpd 5: Ferulic acid; C10 H10 O4; 5.816: - FBF Spectrum (rt: 5.740-6.006 min)
x10^3
2.5
2.4
2.3
2.2
2.1
2
1.9
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
193.0506
([C10H10O4]-H)-
239.0559
([C10H10O4]+HCOO)-
85 90 95 100 105 110 115 120 125 130 135 140 145 150 155 160 165 170 175 180 185 190 195 200 205 210 215 220 225 230 235 240 245 250 255 260
Counts vs. Mass-to-Charge (m/z)


Cpd 7: Hydroxicinnamic acid; C9 H10 O2; 5.323: - FBF Spectrum (rt: 5.247-5.361 min)
x10^3
2.9
2.8
2.7
2.6
2.5
2.4
2.3
2.2
2.1
2
1.9
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
149.0602
([C9H10O2]-H)-
195.0662
([C9H10O2]+HCOO)-
196.0703
([C9H10O2]+HCOO)-
209.0838
([C9H10O2]+CH3COO)-
144 146 148 150 152 154 156 158 160 162 164 166 168 170 172 174 176 178 180 182 184 186 188 190 192 194 196 198 200 202 204 206 208 210 212 214
Counts vs. Mass-to-Charge (m/z)