

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092920\  
 Data File : BP003411.D  
 Acq On : 29 Sep 2020 21:54  
 Operator : CG/JU  
 Sample : L4172-04  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 B-6(11-13)

Quant Time: Sep 30 01:21:13 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP091520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 28 17:55:44 2020  
 Response via : Initial Calibration

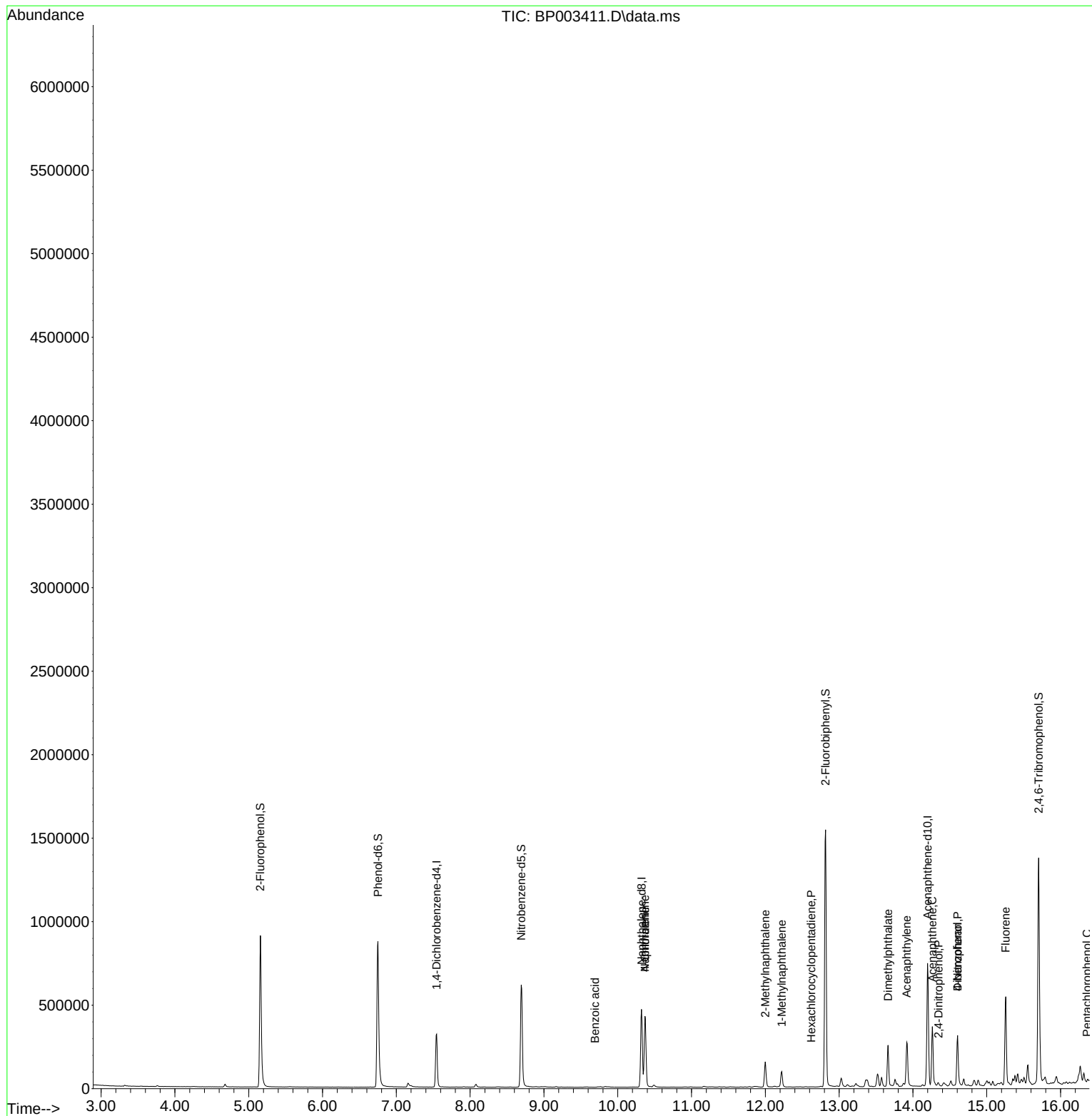
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.546  | 152  | 89523    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.322 | 136  | 389167   | 20.00 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.198 | 164  | 247478   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10          | 16.957 | 188  | 558692   | 20.00 | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.068 | 240  | 640462   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12              | 23.262 | 264  | 696593   | 20.00 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.158  | 112  | 463128   | 90.33 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.752  | 99   | 621518   | 90.95 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.693  | 82   | 412656   | 62.29 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 15.704 | 330  | 256518   | 67.96 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.816 | 172  | 828814   | 48.98 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.539 | 244  | 1172577  | 38.15 | ng    | -0.01    |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 31) Naphthalene               | 10.369 | 128  | 364344   | 17.72 | ng    | 99       |
| 32) Benzoic acid              | 9.693  | 122  | 39       | 9.16  | ng    | # 1      |
| 33) 4-Chloroaniline           | 10.369 | 127  | 48427    | 5.55  | ng    | # 34     |
| 37) 2-Methylnaphthalene       | 11.998 | 142  | 75561    | 5.07  | ng    | 95       |
| 38) 1-Methylnaphthalene       | 12.222 | 142  | 45514    | 3.22  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.622 | 237  | 10       | 6.84  | ng    | 84       |
| 49) Acenaphthylene            | 13.916 | 152  | 196655   | 8.42  | ng    | 99       |
| 50) Dimethylphthalate         | 13.663 | 163  | 158256   | 8.01  | ng    | 100      |
| 52) Acenaphthene              | 14.263 | 154  | 121305   | 8.54  | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.345 | 184  | 20       | 7.26  | ng    | # 1      |
| 55) Dibenzofuran              | 14.604 | 168  | 182602   | 8.05  | ng    | 96       |
| 56) 4-Nitrophenol             | 14.604 | 139  | 71829    | 25.60 | ng    | # 20     |
| 58) Fluorene                  | 15.257 | 166  | 226759   | 12.66 | ng    | 98       |
| 70) Pentachlorophenol         | 16.357 | 266  | 6        | 6.77  | ng    | 90       |
| 71) Phenanthrene              | 17.004 | 178  | 2308015  | 75.93 | ng    | 100      |
| 72) Anthracene                | 17.092 | 178  | 672101   | 22.44 | ng    | 100      |
| 73) Carbazole                 | 17.369 | 167  | 288347   | 10.13 | ng    | 99       |
| 75) Fluoranthene              | 18.992 | 202  | 3323201  | 86.95 | ng    | 98       |
| 78) Pyrene                    | 19.345 | 202  | 2961138  | 74.14 | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.051 | 228  | 1892670  | 45.71 | ng    | 98       |
| 83) Chrysene                  | 21.104 | 228  | 1604443  | 40.34 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 25.492 | 276  | 983396   | 18.63 | ng    | 96       |
| 88) Benzo(b)fluoranthene      | 22.610 | 252  | 2957725  | 67.24 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 22.610 | 252  | 2957725  | 70.16 | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.168 | 252  | 1597996  | 38.53 | ng    | 97       |
| 91) Dibenzo(a,h)anthracene    | 25.733 | 278  | 222073   | 5.10  | ng    | 96       |
| 92) Benzo(g,h,i)perylene      | 26.168 | 276  | 899162   | 20.67 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : L4172-04  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
B-6(11-13)

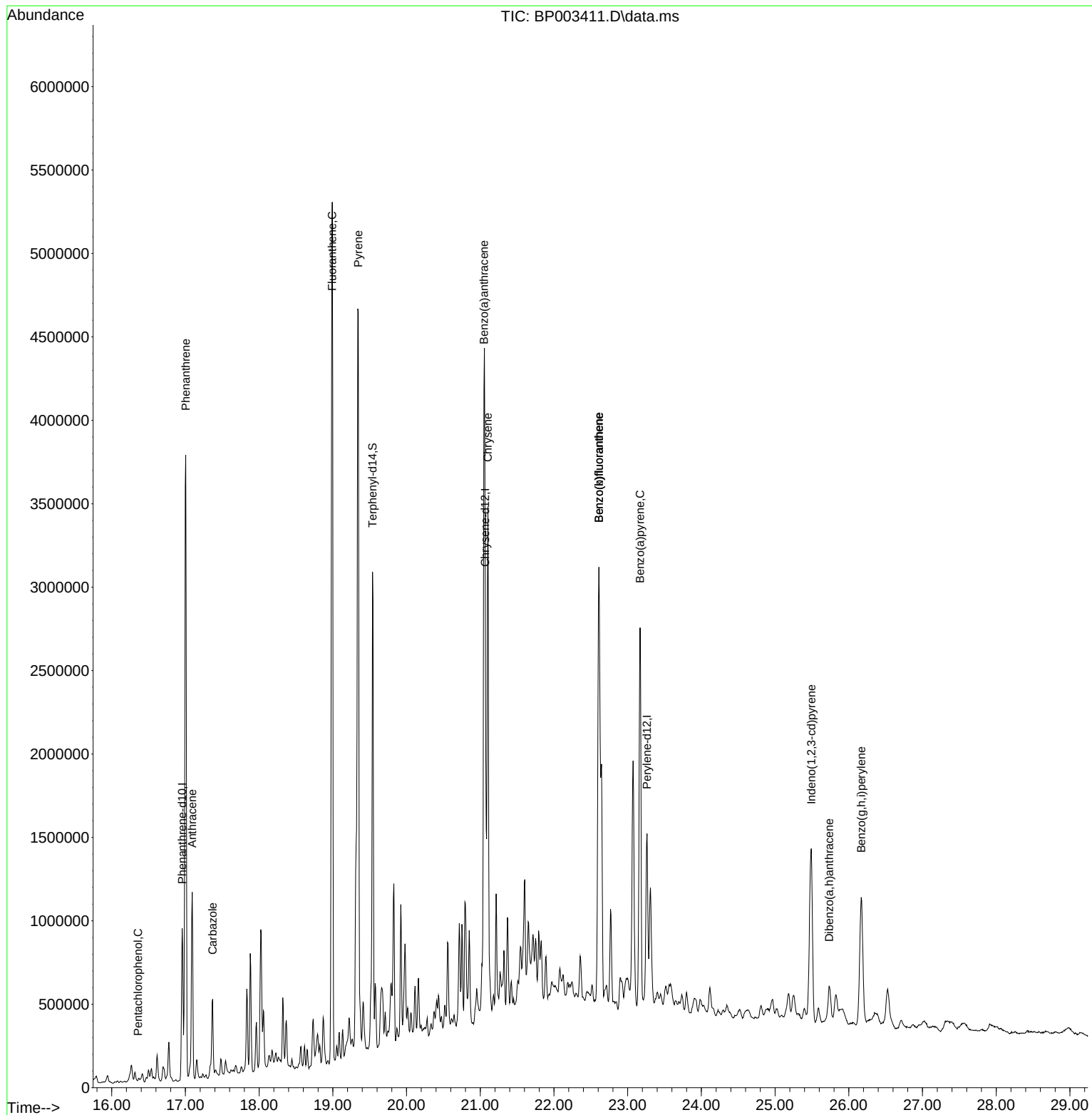
Quant Time: Sep 30 01:21:13 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP091520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Sep 28 17:55:44 2020  
Response via : Initial Calibration

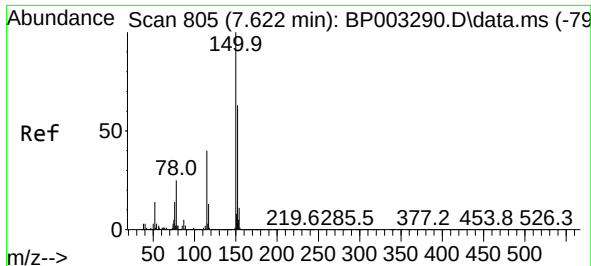


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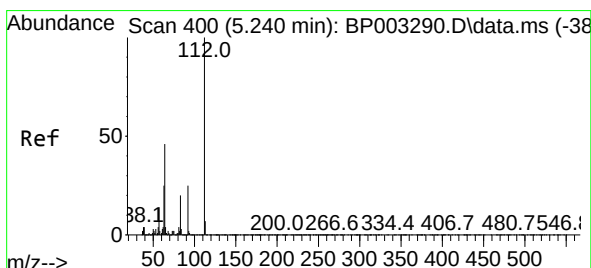
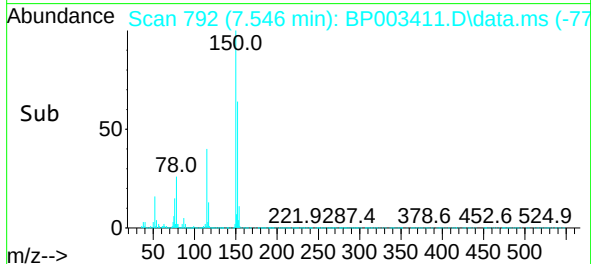
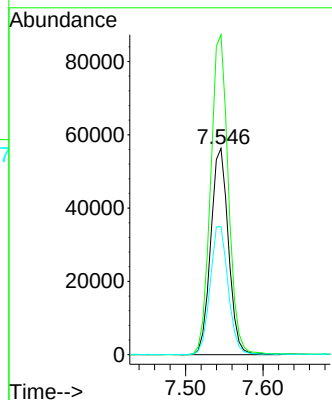
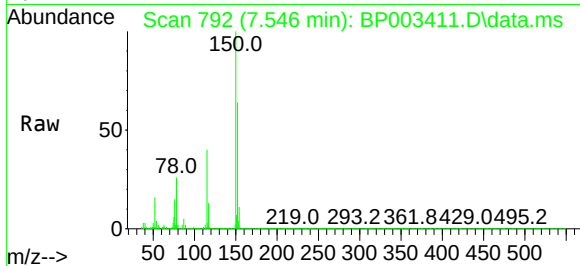




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.546 min Scan# 792  
Delta R.T. -0.000 min  
Lab File: BP003411.D  
Acq: 29 Sep 2020 21:54

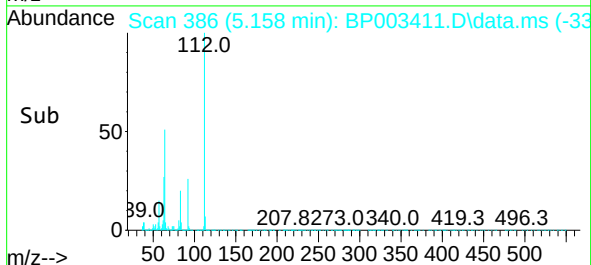
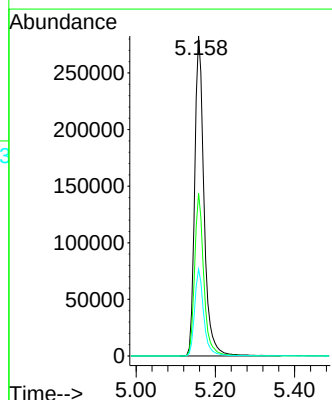
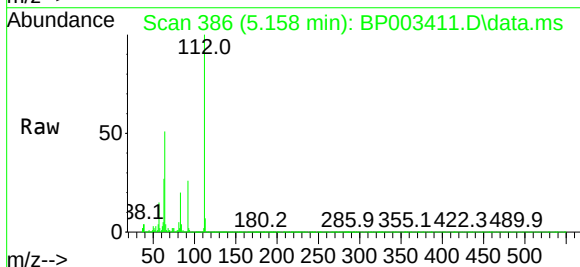
Instrument :  
BNA\_P  
ClientSampleId :  
B-6(11-13)

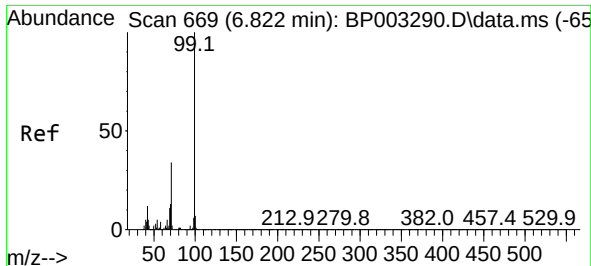
Tgt Ion:152 Resp: 89523  
Ion Ratio Lower Upper  
152 100  
150 155.2 123.8 185.6  
115 62.2 43.8 65.6



#5  
2-Fluorophenol  
Concen: 90.33 ng  
RT: 5.158 min Scan# 386  
Delta R.T. -0.006 min  
Lab File: BP003411.D  
Acq: 29 Sep 2020 21:54

Tgt Ion:112 Resp: 463128  
Ion Ratio Lower Upper  
112 100  
64 50.8 32.8 49.2#  
63 27.1 17.0 25.4#

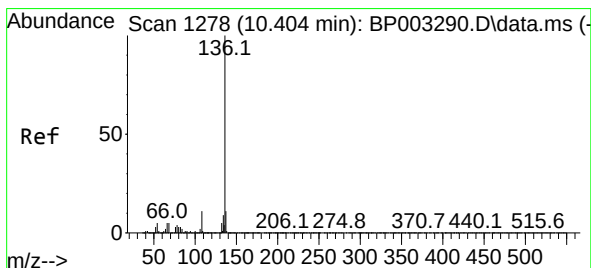
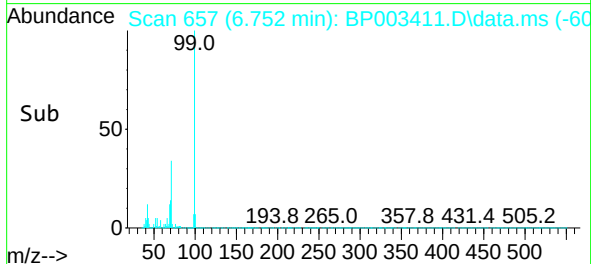
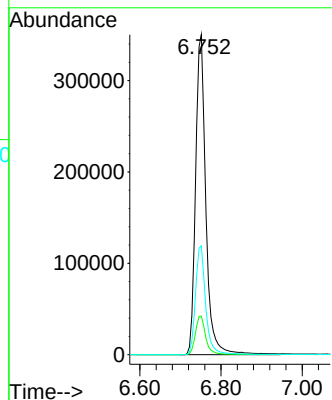
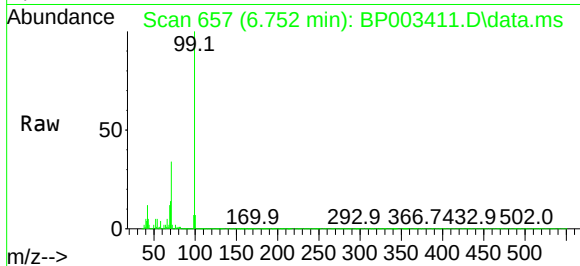




#7  
Phenol-d6  
Concen: 90.95 ng  
RT: 6.752 min Scan# 657  
Delta R.T. 0.000 min  
Lab File: BP003411.D  
Acq: 29 Sep 2020 21:54

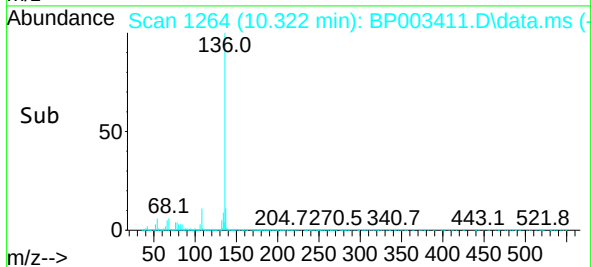
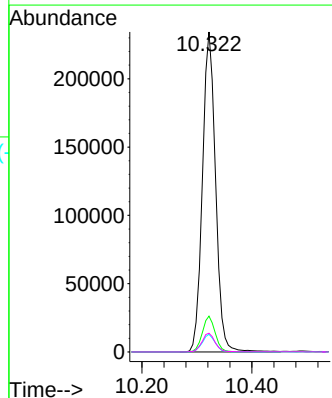
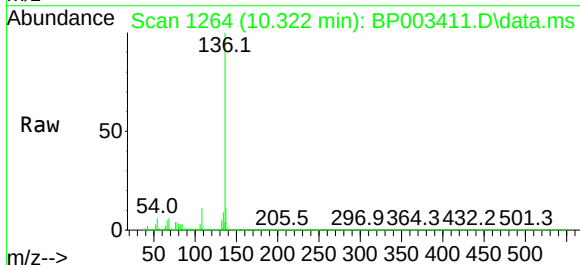
Instrument :  
BNA\_P  
ClientSampleId :  
B-6(11-13)

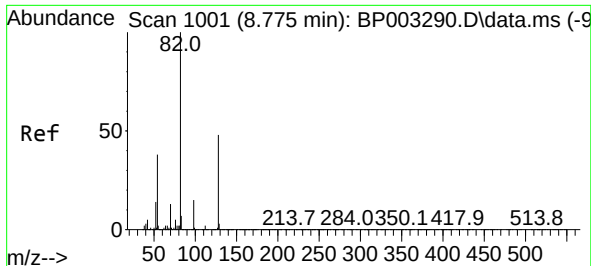
Tgt Ion: 99 Resp: 621518  
Ion Ratio Lower Upper  
99 100  
42 12.1 8.6 13.0  
71 34.0 23.4 35.2



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.322 min Scan# 1264  
Delta R.T. -0.006 min  
Lab File: BP003411.D  
Acq: 29 Sep 2020 21:54

Tgt Ion: 136 Resp: 389167  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.6 13.0  
54 5.5 3.6 5.4#  
68 5.9 3.3 4.9#

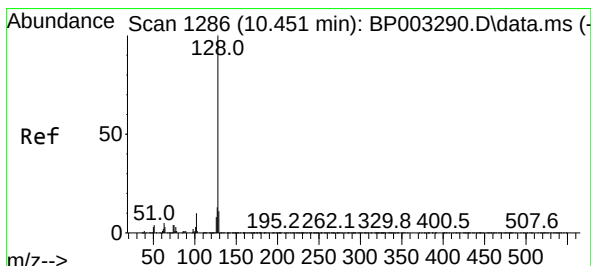
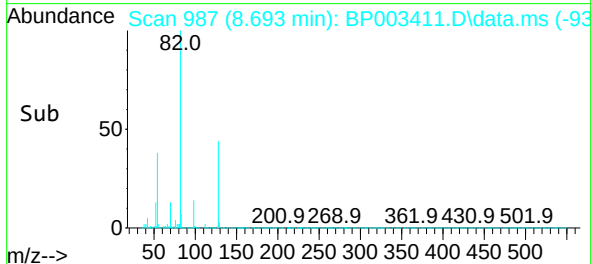
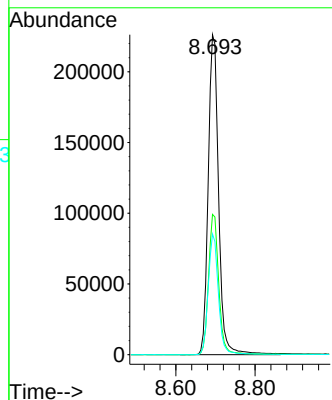
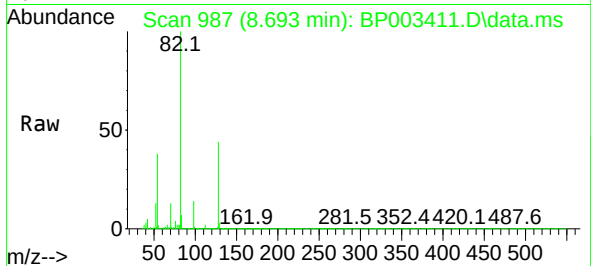




#23  
Nitrobenzene-d5  
Concen: 62.29 ng  
RT: 8.693 min Scan# 987  
Delta R.T. -0.012 min  
Lab File: BP003411.D  
Acq: 29 Sep 2020 21:54

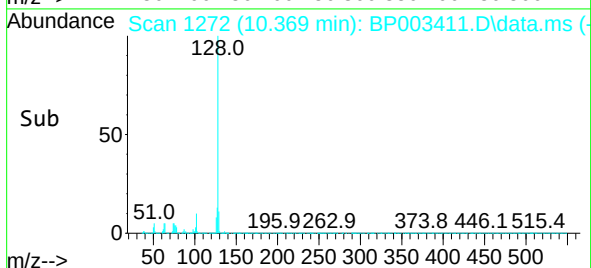
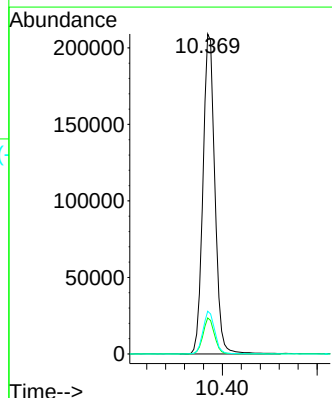
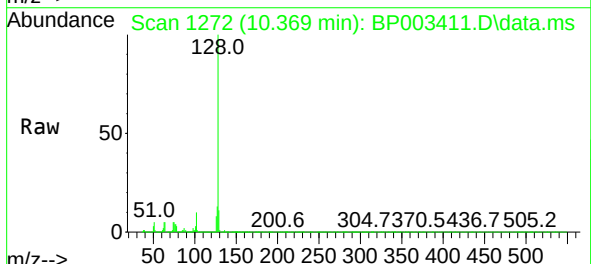
Instrument :  
BNA\_P  
ClientSampleId :  
B-6(11-13)

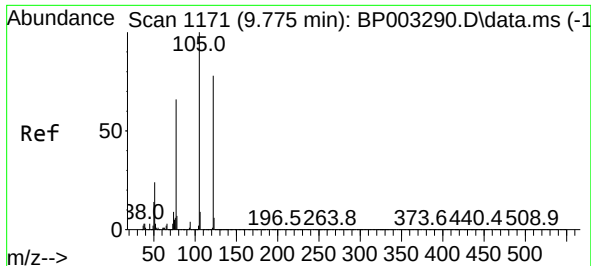
Tgt Ion: 82 Resp: 412656  
Ion Ratio Lower Upper  
82 100  
128 43.9 45.6 68.4#  
54 37.7 30.1 45.1



#31  
Naphthalene  
Concen: 17.72 ng  
RT: 10.369 min Scan# 1272  
Delta R.T. -0.012 min  
Lab File: BP003411.D  
Acq: 29 Sep 2020 21:54

Tgt Ion: 128 Resp: 364344  
Ion Ratio Lower Upper  
128 100  
129 11.3 8.8 13.2  
127 13.3 10.6 15.8

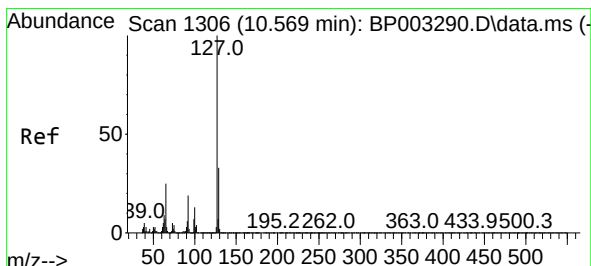
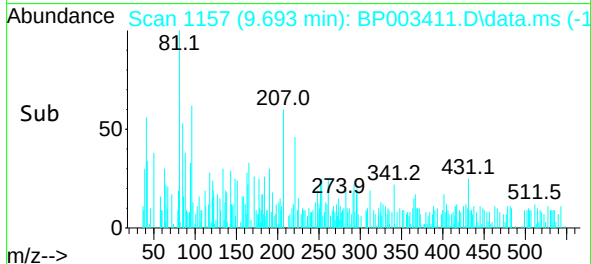
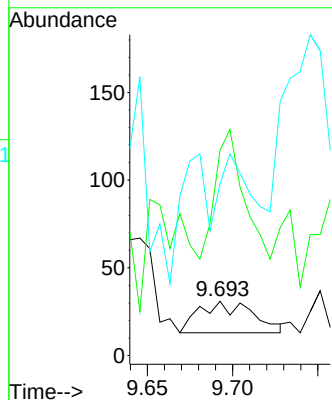
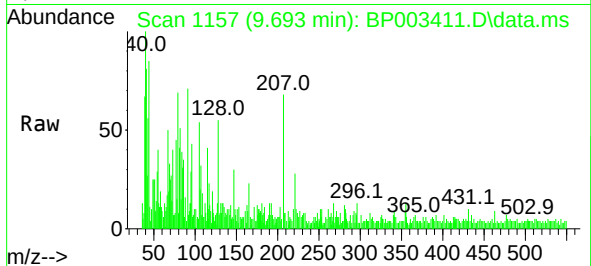




#32  
Benzoic acid  
Concen: 9.16 ng  
RT: 9.693 min Scan# 1157  
Delta R.T. -0.041 min  
Lab File: BP003411.D  
Acq: 29 Sep 2020 21:54

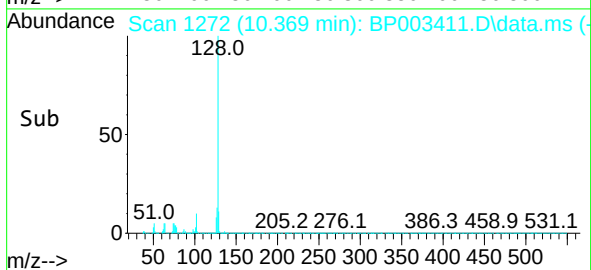
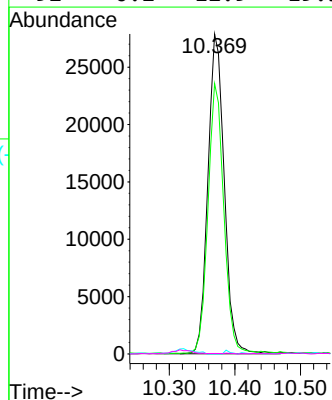
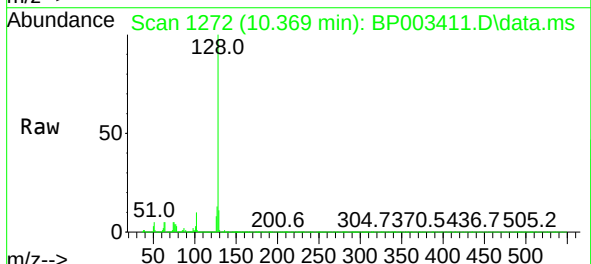
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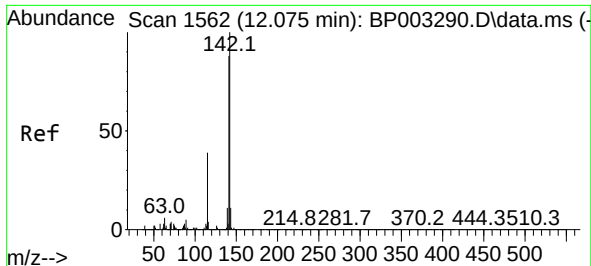
Tgt Ion:122 Resp: 39  
Ion Ratio Lower Upper  
122 100  
105 377.4 94.1 134.1#  
77 316.1 50.1 90.1#



#33  
4-Chloroaniline  
Concen: 5.55 ng  
RT: 10.369 min Scan# 1272  
Delta R.T. -0.129 min  
Lab File: BP003411.D  
Acq: 29 Sep 2020 21:54

Tgt Ion:127 Resp: 48427  
Ion Ratio Lower Upper  
127 100  
129 84.5 25.7 38.5#  
65 0.0 17.3 25.9#  
92 0.2 12.9 19.3#

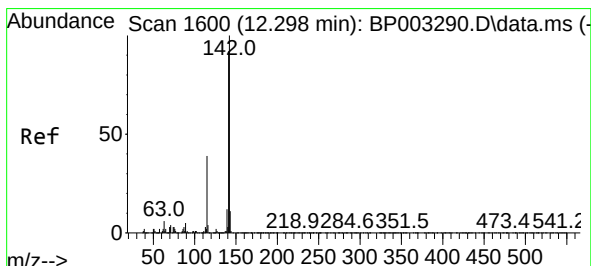
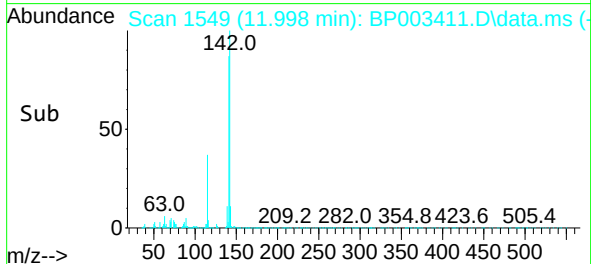
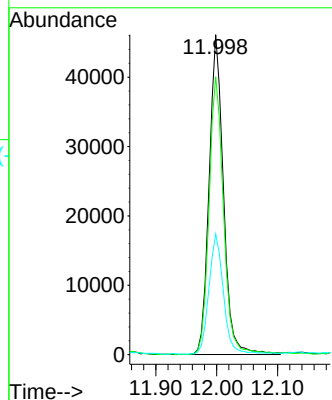
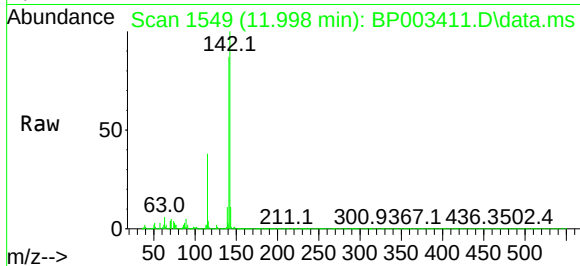




#37  
2-Methylnaphthalene  
Concen: 5.07 ng  
RT: 11.998 min Scan# 1549  
Delta R.T. -0.006 min  
Lab File: BP003411.D  
Acq: 29 Sep 2020 21:54

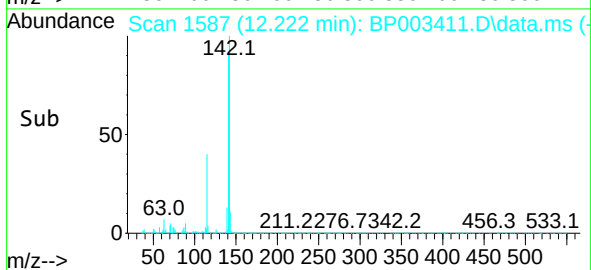
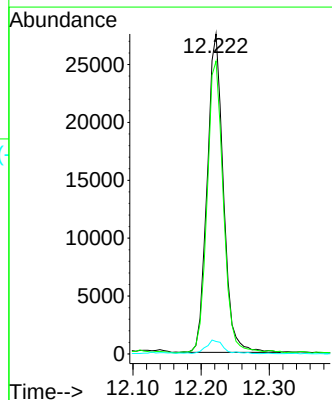
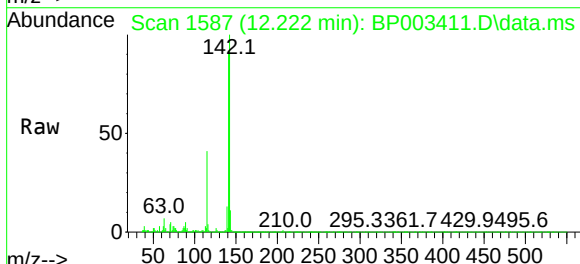
Instrument :  
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B-6(11-13)

Tgt Ion:142 Resp: 75561  
Ion Ratio Lower Upper  
142 100  
141 86.9 71.4 107.2  
115 37.7 25.8 38.6

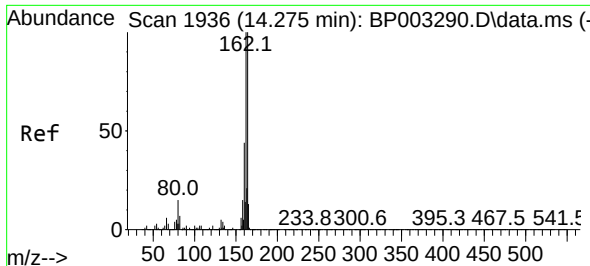


#38  
1-Methylnaphthalene  
Concen: 3.22 ng  
RT: 12.222 min Scan# 1587  
Delta R.T. -0.006 min  
Lab File: BP003411.D  
Acq: 29 Sep 2020 21:54

Tgt Ion:142 Resp: 45514  
Ion Ratio Lower Upper  
142 100  
141 91.5 74.4 111.6  
116 3.9 2.9 4.3



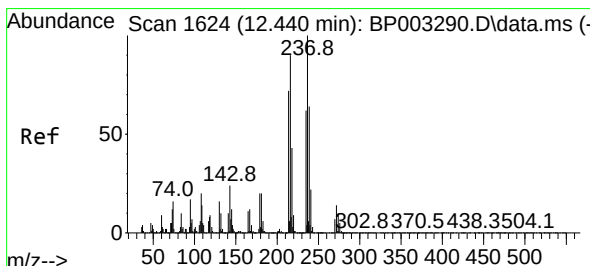
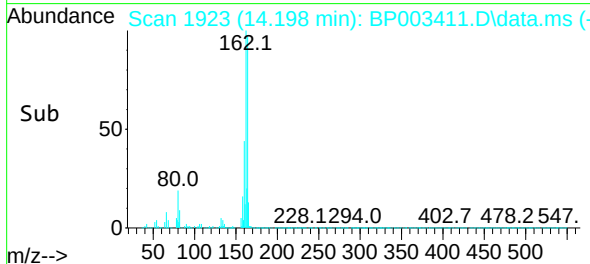
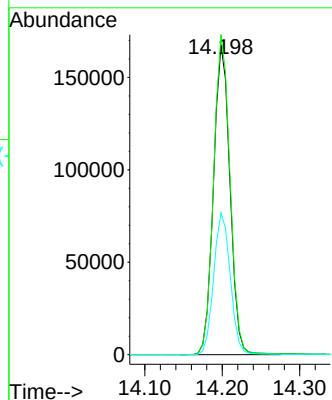
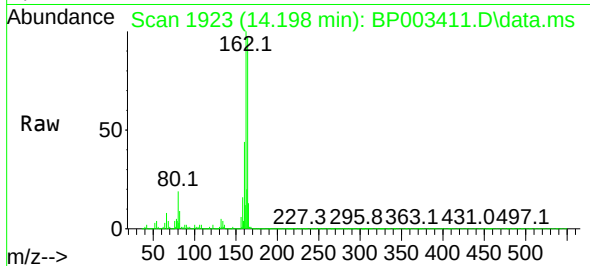




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.198 min Scan# 1923  
Delta R.T. -0.012 min  
Lab File: BP003411.D  
Acq: 29 Sep 2020 21:54

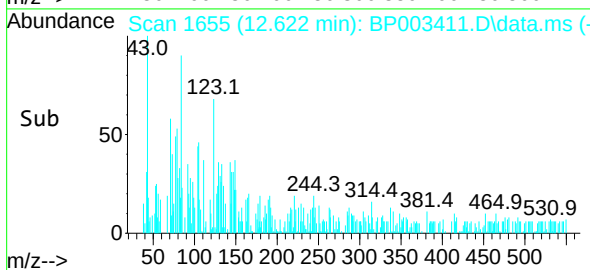
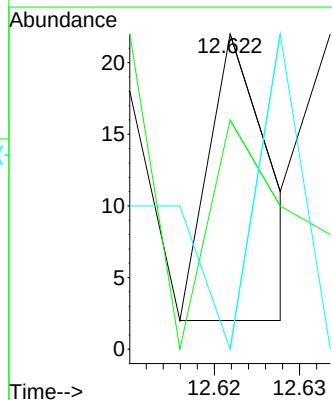
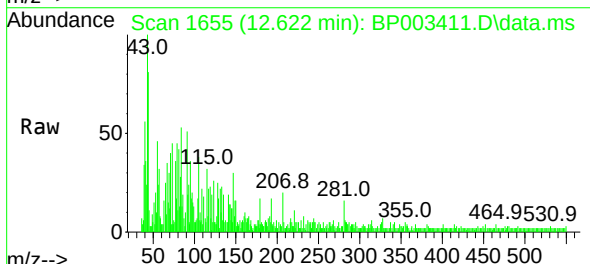
Instrument :  
BNA\_P  
ClientSampleId :  
B-6(11-13)

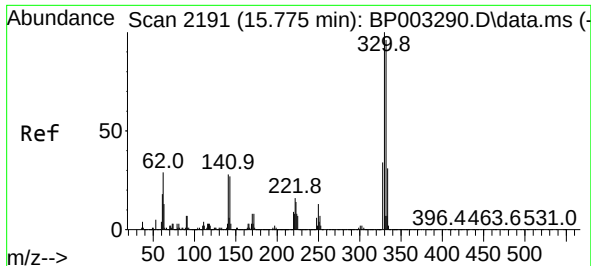
Tgt Ion:164 Resp: 247478  
Ion Ratio Lower Upper  
164 100  
162 103.4 79.4 119.2  
160 45.9 36.1 54.1



#41  
Hexachlorocyclopentadiene  
Concen: 6.84 ng  
RT: 12.622 min Scan# 1655  
Delta R.T. 0.253 min  
Lab File: BP003411.D  
Acq: 29 Sep 2020 21:54

Tgt Ion:237 Resp: 10  
Ion Ratio Lower Upper  
237 100  
235 72.7 43.2 83.2  
272 0.0 0.0 33.3

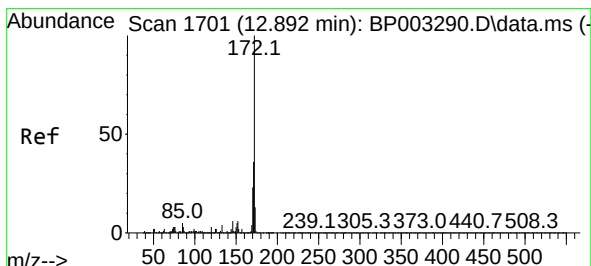
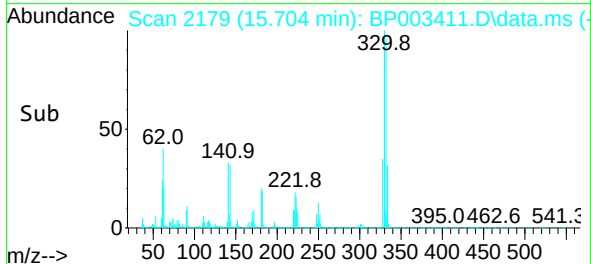
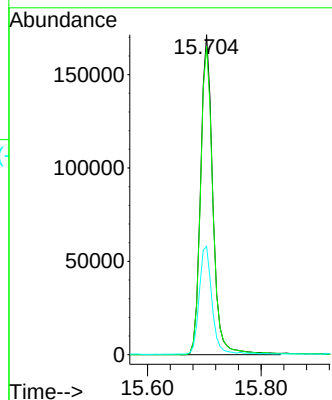
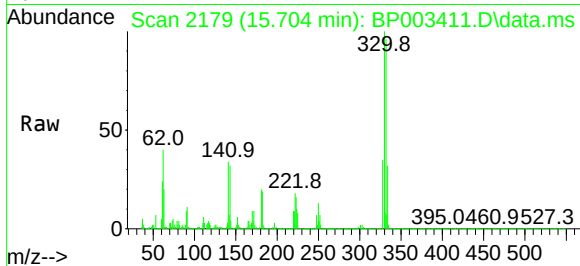




#42  
2,4,6-Tribromophenol  
Concen: 67.96 ng  
RT: 15.704 min Scan# 2179  
Delta R.T. -0.006 min  
Lab File: BP003411.D  
Acq: 29 Sep 2020 21:54

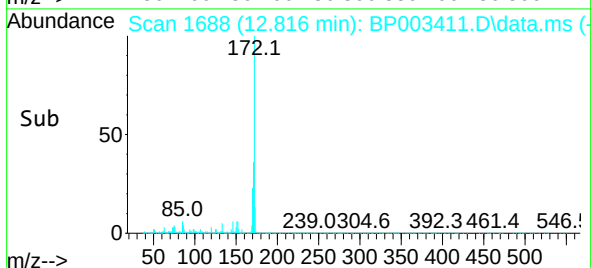
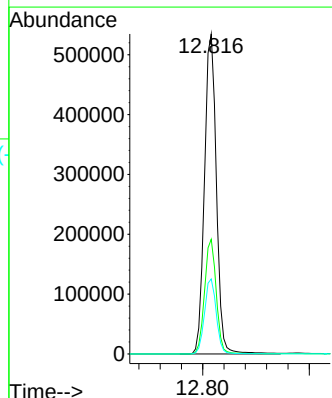
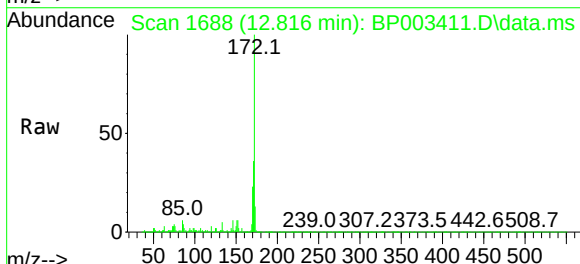
Instrument :  
BNA\_P  
ClientSampleId :  
B-6(11-13)

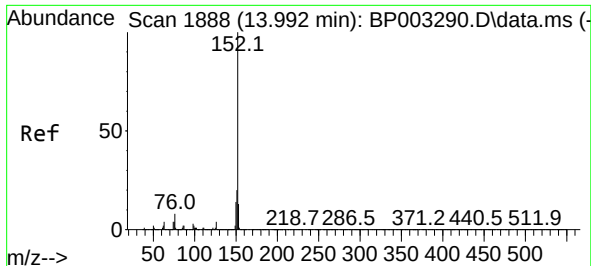
Tgt Ion:330 Resp: 256518  
Ion Ratio Lower Upper  
330 100  
332 98.3 77.1 115.7  
141 35.5 23.4 35.2#



#45  
2-Fluorobiphenyl  
Concen: 48.98 ng  
RT: 12.816 min Scan# 1688  
Delta R.T. -0.006 min  
Lab File: BP003411.D  
Acq: 29 Sep 2020 21:54

Tgt Ion:172 Resp: 828814  
Ion Ratio Lower Upper  
172 100  
171 35.9 28.5 42.7  
170 23.5 19.2 28.8

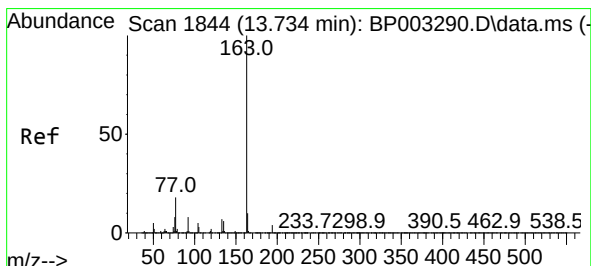
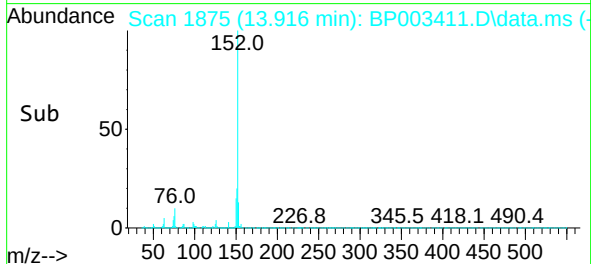
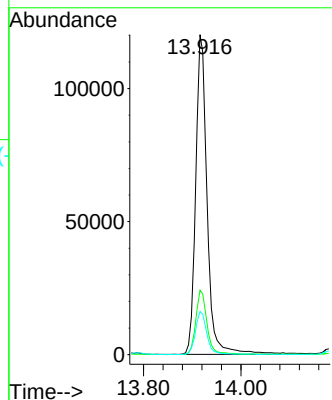
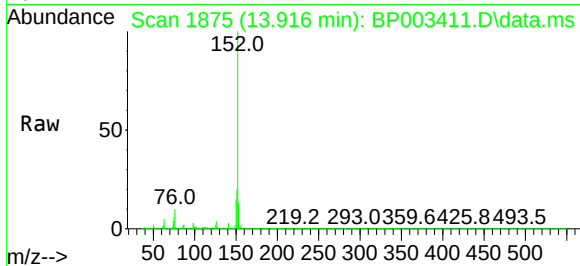




#49  
Acenaphthylene  
Concen: 8.42 ng  
RT: 13.916 min Scan# 1875  
Delta R.T. -0.012 min  
Lab File: BP003411.D  
Acq: 29 Sep 2020 21:54

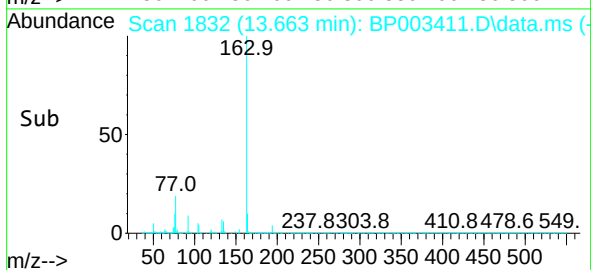
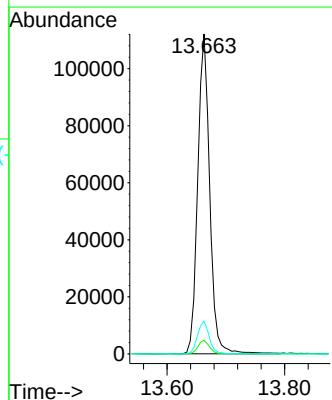
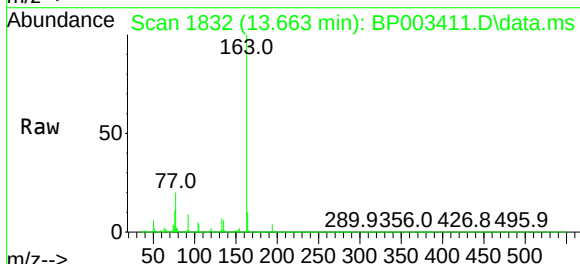
Instrument :  
BNA\_P  
ClientSampleId :  
B-6(11-13)

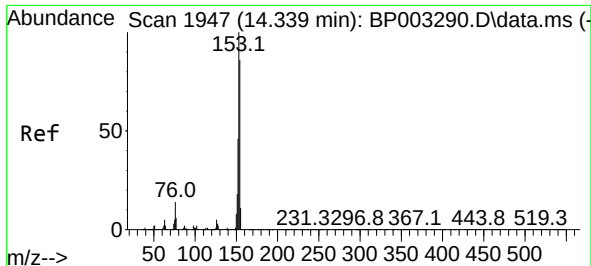
Tgt Ion:152 Resp: 196655  
Ion Ratio Lower Upper  
152 100  
151 20.2 15.9 23.9  
153 13.5 10.5 15.7



#50  
Dimethylphthalate  
Concen: 8.01 ng  
RT: 13.663 min Scan# 1832  
Delta R.T. -0.012 min  
Lab File: BP003411.D  
Acq: 29 Sep 2020 21:54

Tgt Ion:163 Resp: 158256  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.3 4.9  
164 10.2 8.2 12.2

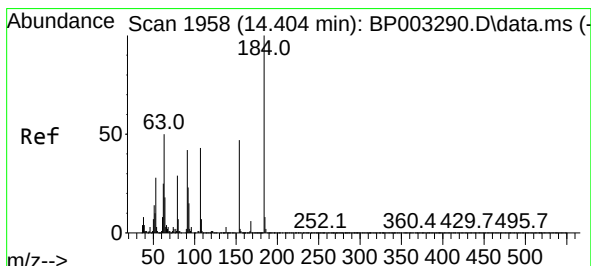
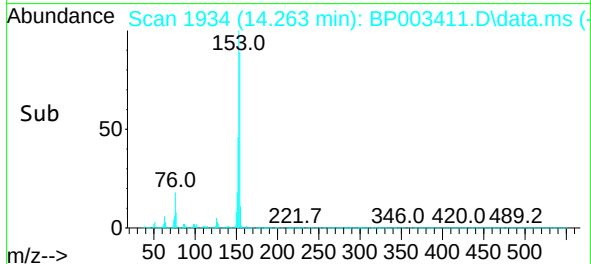
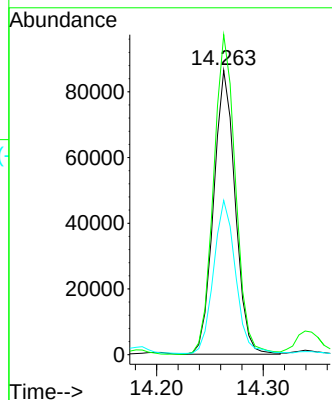
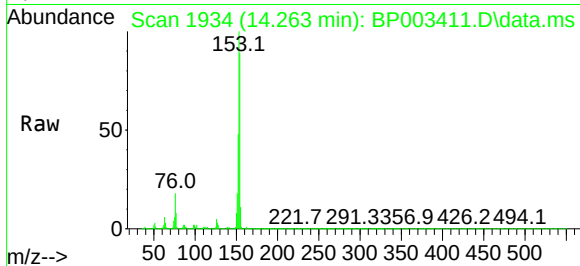




#52  
Acenaphthene  
Concen: 8.54 ng  
RT: 14.263 min Scan# 1934  
Delta R.T. -0.012 min  
Lab File: BP003411.D  
Acq: 29 Sep 2020 21:54

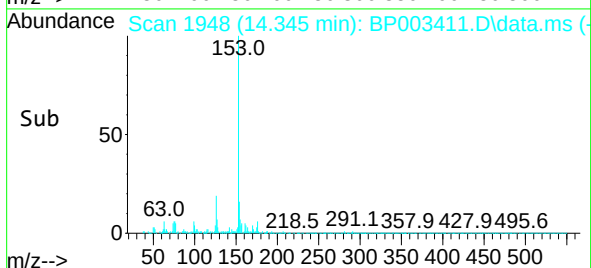
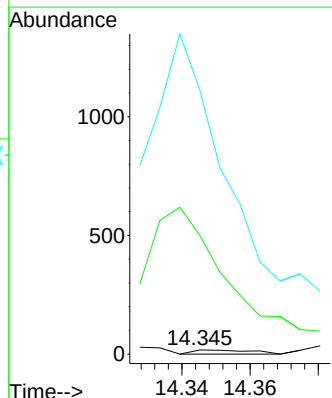
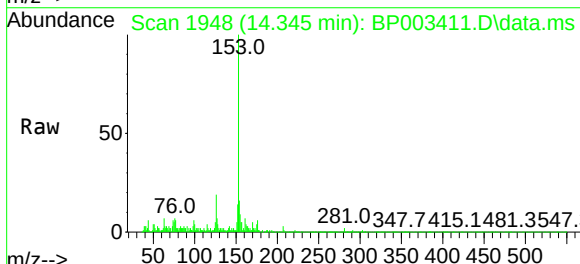
Instrument :  
BNA\_P  
ClientSampleId :  
B-6(11-13)

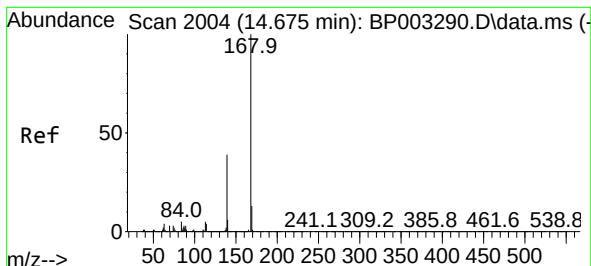
Tgt Ion:154 Resp: 121305  
Ion Ratio Lower Upper  
154 100  
153 112.5 91.0 136.6  
152 54.3 43.0 64.6



#54  
2,4-Dinitrophenol  
Concen: 7.26 ng  
RT: 14.345 min Scan# 1948  
Delta R.T. -0.012 min  
Lab File: BP003411.D  
Acq: 29 Sep 2020 21:54

Tgt Ion:184 Resp: 20  
Ion Ratio Lower Upper  
184 100  
63 2941.2 32.3 48.5#  
154 6547.1 49.1 73.7#

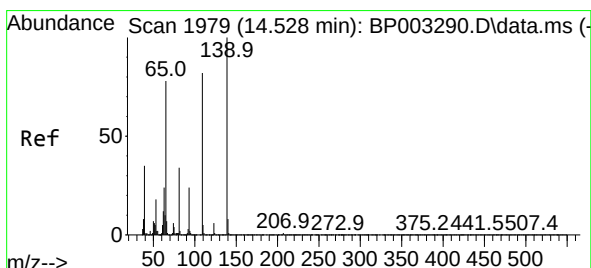
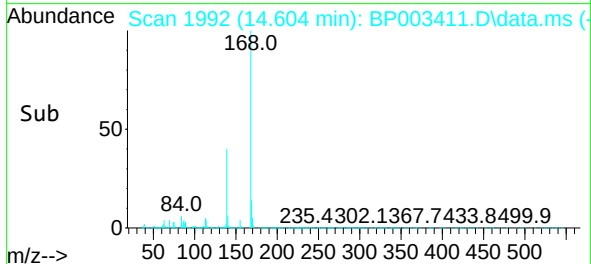
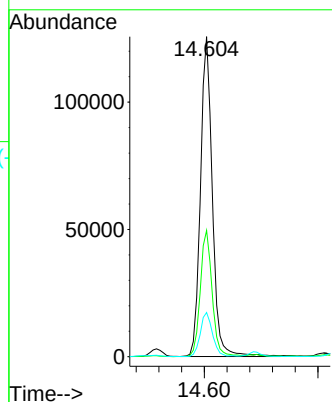
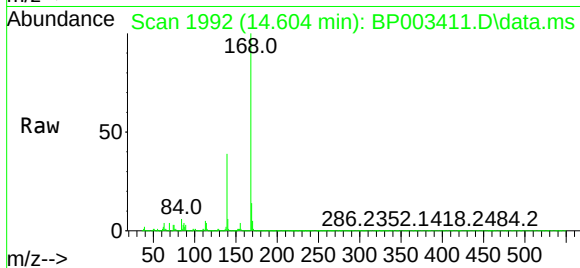




#55  
Dibenzenofuran  
Concen: 8.05 ng  
RT: 14.604 min Scan# 1992  
Delta R.T. -0.006 min  
Lab File: BP003411.D  
Acq: 29 Sep 2020 21:54

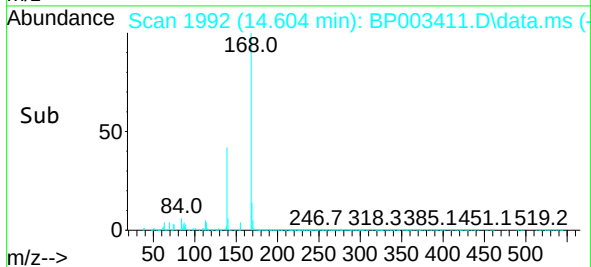
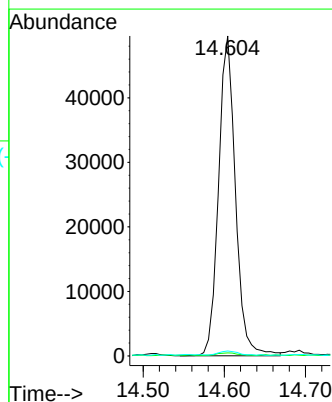
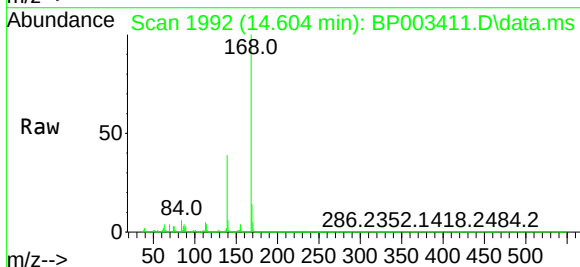
Instrument :  
BNA\_P  
ClientSampleId :  
B-6(11-13)

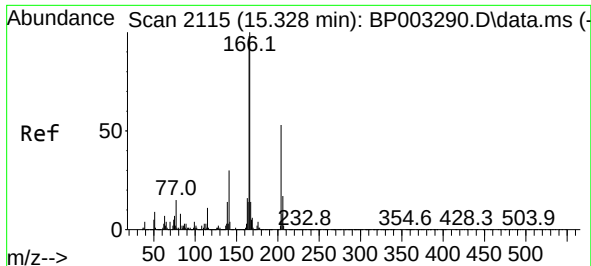
Tgt Ion:168 Resp: 182602  
Ion Ratio Lower Upper  
168 100  
139 39.4 29.1 43.7  
169 13.8 10.4 15.6



#56  
4-Nitrophenol  
Concen: 25.60 ng  
RT: 14.604 min Scan# 1992  
Delta R.T. 0.124 min  
Lab File: BP003411.D  
Acq: 29 Sep 2020 21:54

Tgt Ion:139 Resp: 71829  
Ion Ratio Lower Upper  
139 100  
109 1.0 44.6 84.6#  
65 1.6 41.6 81.6#

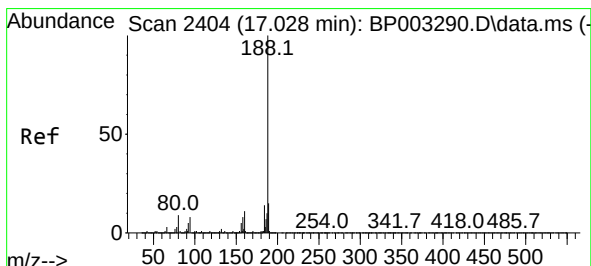
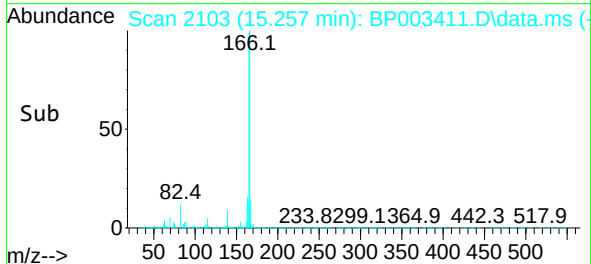
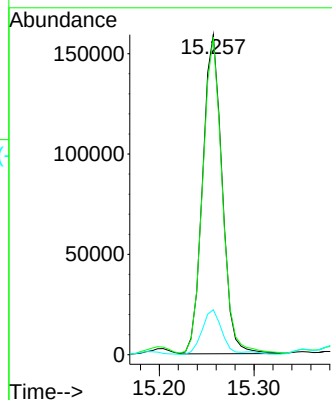
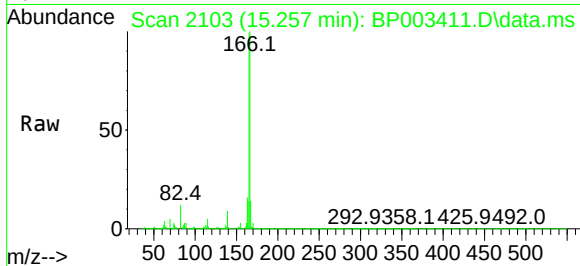




#58  
Fluorene  
Concen: 12.66 ng  
RT: 15.257 min Scan# 2103  
Delta R.T. -0.006 min  
Lab File: BP003411.D  
Acq: 29 Sep 2020 21:54

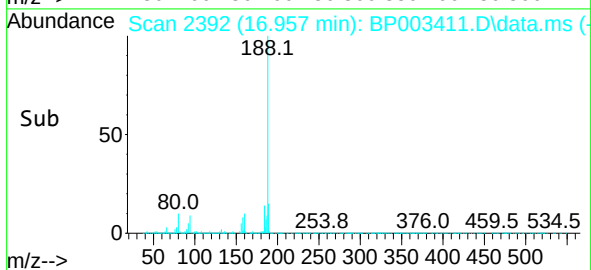
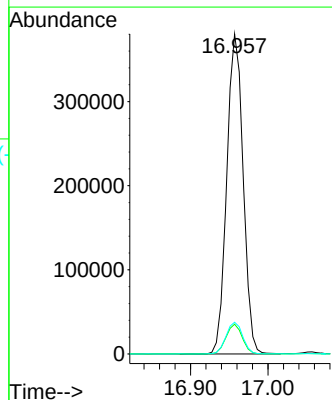
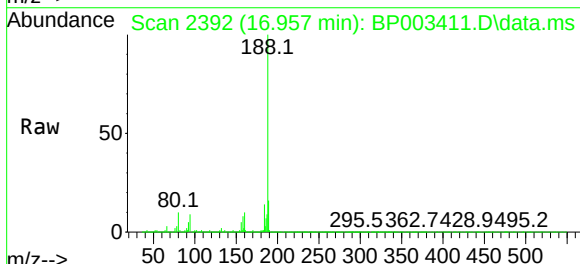
Instrument :  
BNA\_P  
ClientSampleId :  
B-6(11-13)

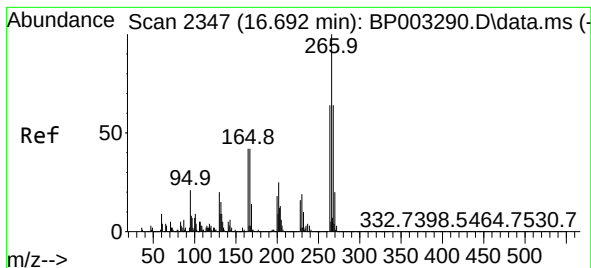
Tgt Ion:166 Resp: 226759  
Ion Ratio Lower Upper  
166 100  
165 99.2 77.8 116.8  
167 14.1 11.0 16.4



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 16.957 min Scan# 2392  
Delta R.T. -0.006 min  
Lab File: BP003411.D  
Acq: 29 Sep 2020 21:54

Tgt Ion:188 Resp: 558692  
Ion Ratio Lower Upper  
188 100  
94 9.3 6.2 9.2#  
80 9.9 6.2 9.2#

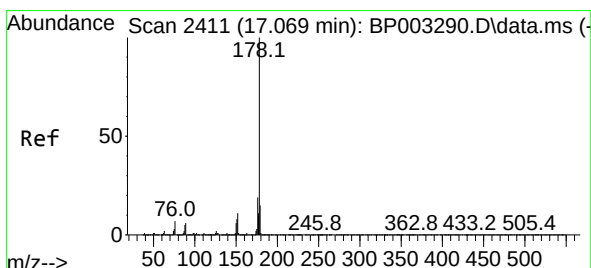
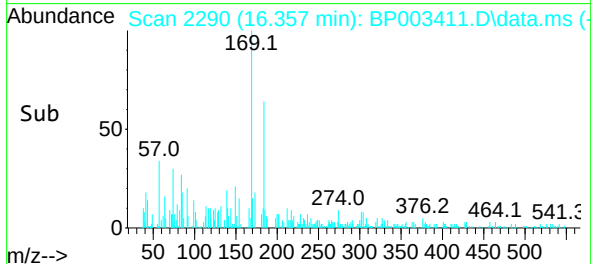
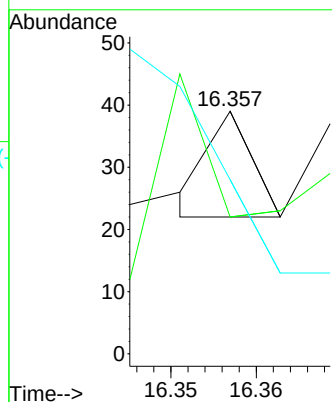
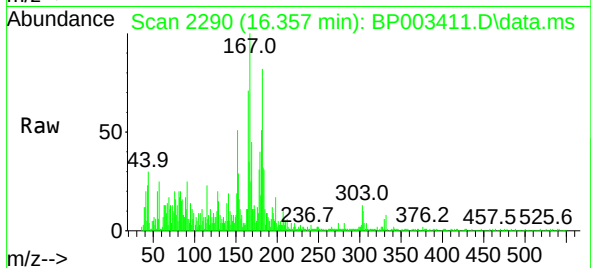




#70  
Pentachlorophenol  
Concen: 6.77 ng  
RT: 16.357 min Scan# 2290  
Delta R.T. -0.282 min  
Lab File: BP003411.D  
Acq: 29 Sep 2020 21:54

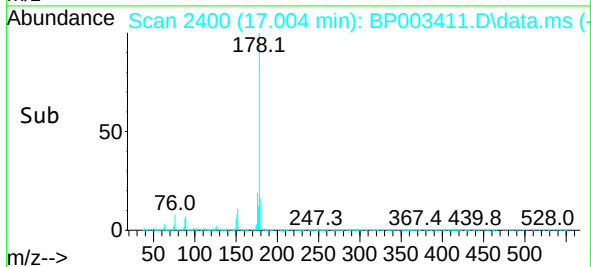
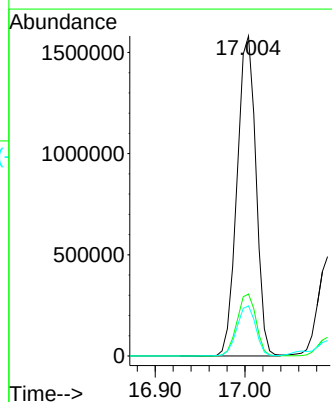
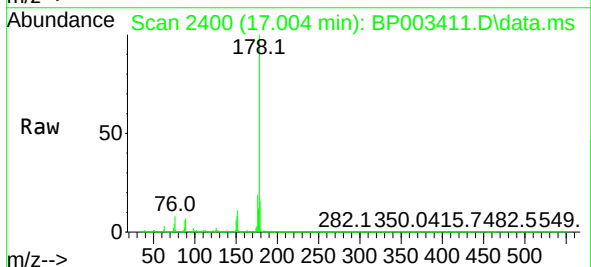
Instrument :  
BNA\_P  
ClientSampleId :  
B-6(11-13)

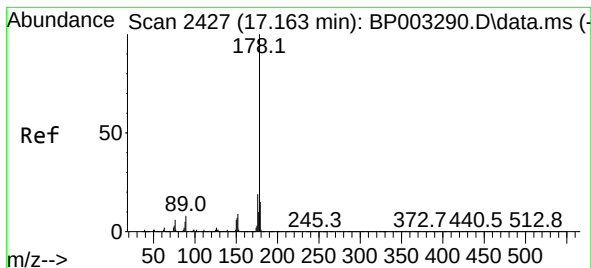
Tgt Ion:266 Resp: 6  
Ion Ratio Lower Upper  
266 100  
268 56.4 51.1 76.7  
264 71.8 50.6 76.0



#71  
Phenanthrene  
Concen: 75.93 ng  
RT: 17.004 min Scan# 2400  
Delta R.T. -0.006 min  
Lab File: BP003411.D  
Acq: 29 Sep 2020 21:54

Tgt Ion:178 Resp: 2308015  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.3 22.9  
179 15.6 12.5 18.7





#72

Anthracene

Concen: 22.44 ng

RT: 17.092 min Scan# 2415

Delta R.T. -0.006 min

Lab File: BP003411.D

Acq: 29 Sep 2020 21:54

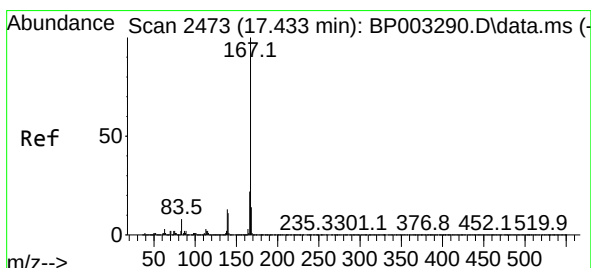
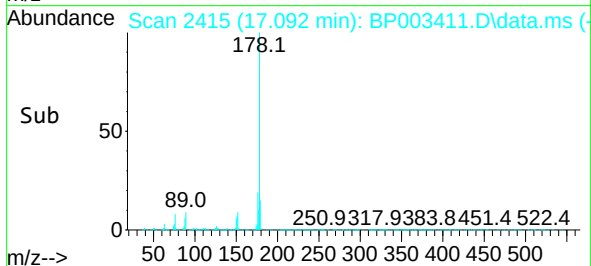
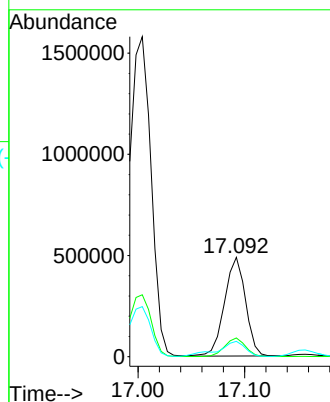
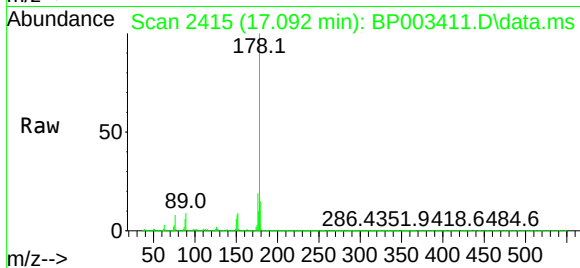
Tgt Ion:178 Resp: 672101

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

179 15.5 12.5 18.7



#73

Carbazole

Concen: 10.13 ng

RT: 17.369 min Scan# 2462

Delta R.T. -0.006 min

Lab File: BP003411.D

Acq: 29 Sep 2020 21:54

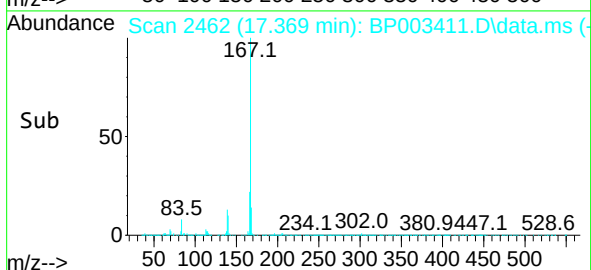
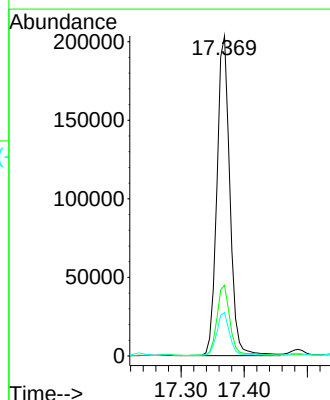
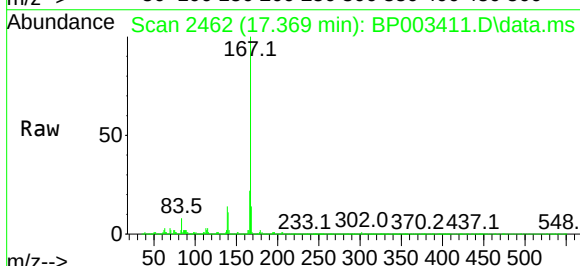
Tgt Ion:167 Resp: 288347

Ion Ratio Lower Upper

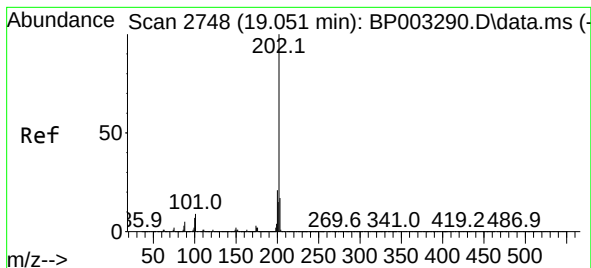
167 100

166 22.1 17.6 26.4

139 13.5 10.2 15.4



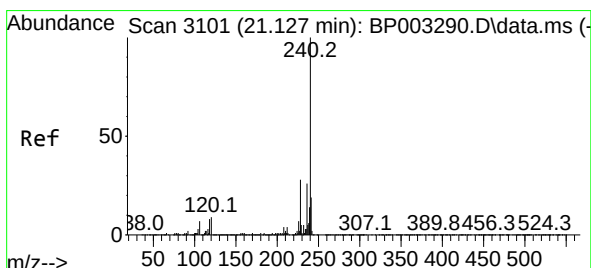
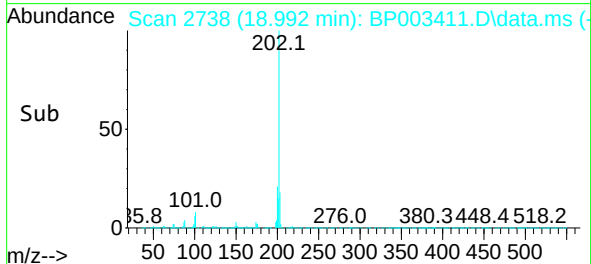
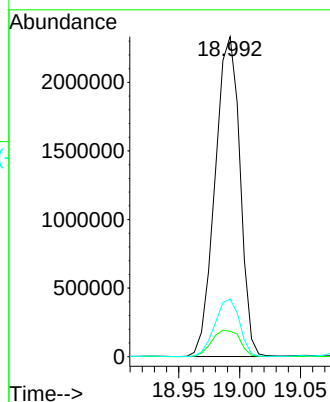
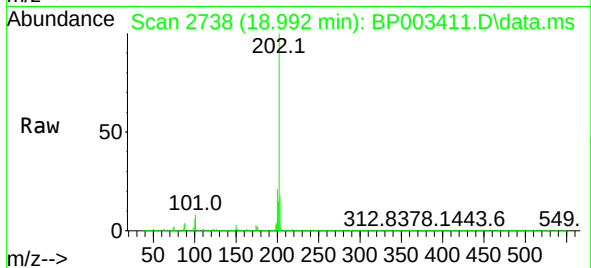




#75  
Fluoranthene  
Concen: 86.95 ng  
RT: 18.992 min Scan# 2738  
Delta R.T. 0.000 min  
Lab File: BP003411.D  
Acq: 29 Sep 2020 21:54

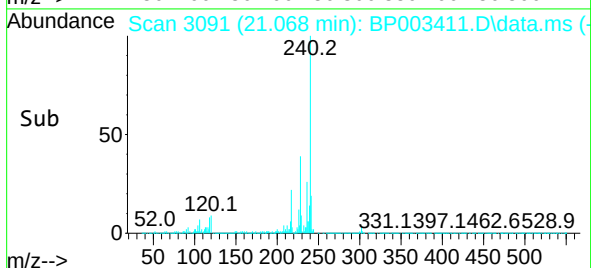
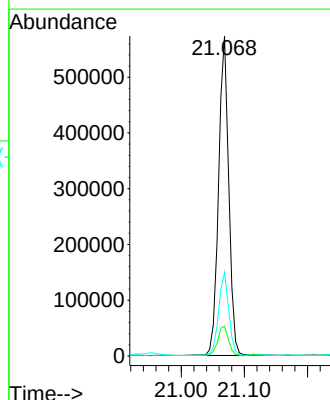
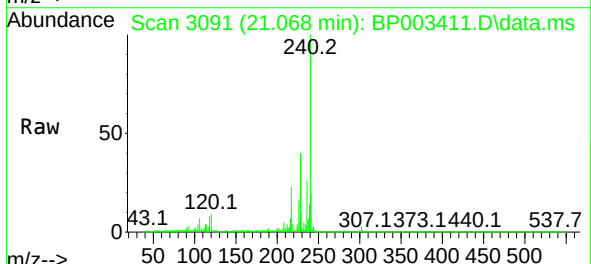
Instrument :  
BNA\_P  
ClientSampleId :  
B-6(11-13)

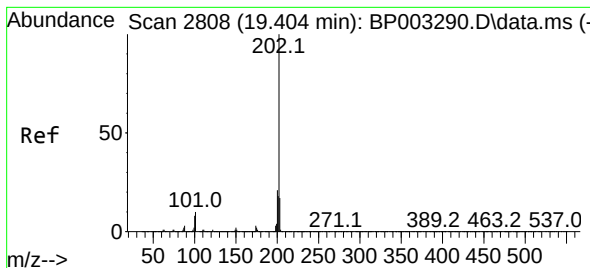
Tgt Ion:202 Resp: 3323201  
Ion Ratio Lower Upper  
202 100  
101 8.0 0.0 29.4  
203 18.0 0.0 37.8



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.068 min Scan# 3091  
Delta R.T. -0.006 min  
Lab File: BP003411.D  
Acq: 29 Sep 2020 21:54

Tgt Ion:240 Resp: 640462  
Ion Ratio Lower Upper  
240 100  
120 9.3 7.8 11.6  
236 26.1 20.8 31.2





#78

Pyrene

Concen: 74.14 ng

RT: 19.345 min Scan# 2798

Delta R.T. 0.000 min

Lab File: BP003411.D

Acq: 29 Sep 2020 21:54

Instrument :

BNA\_P

ClientSampleId :

B-6(11-13)

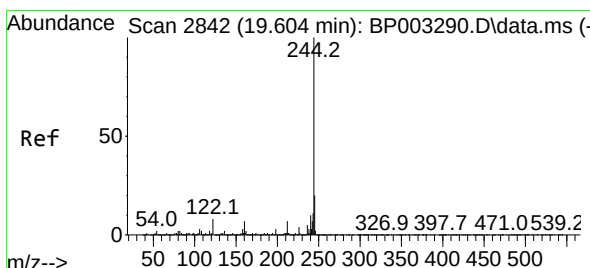
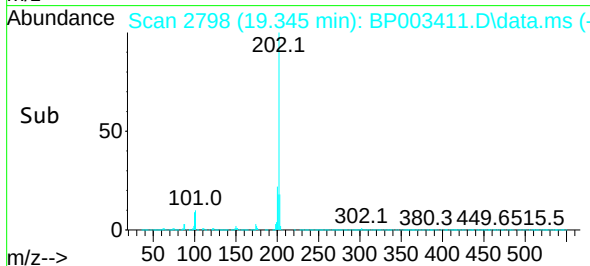
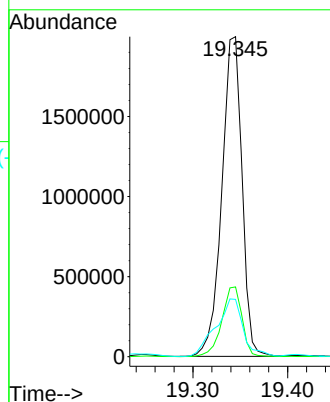
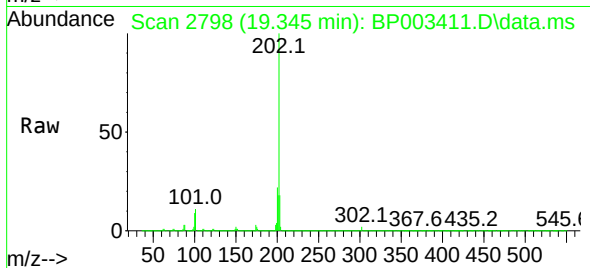
Tgt Ion:202 Resp: 2961138

Ion Ratio Lower Upper

202 100

200 21.8 17.1 25.7

203 17.9 14.2 21.2



#79

Terphenyl-d14

Concen: 38.15 ng

RT: 19.539 min Scan# 2831

Delta R.T. -0.012 min

Lab File: BP003411.D

Acq: 29 Sep 2020 21:54

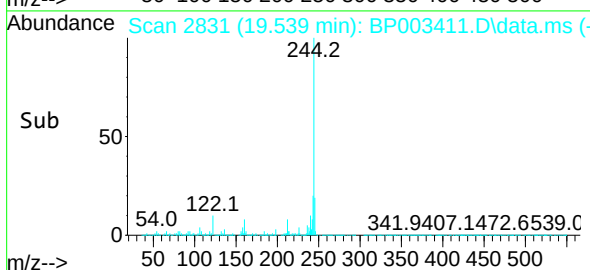
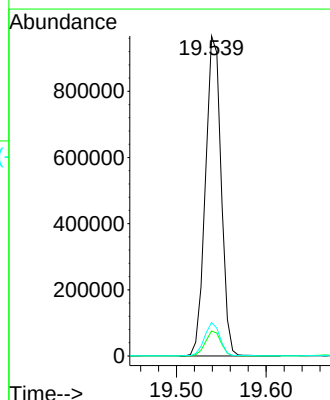
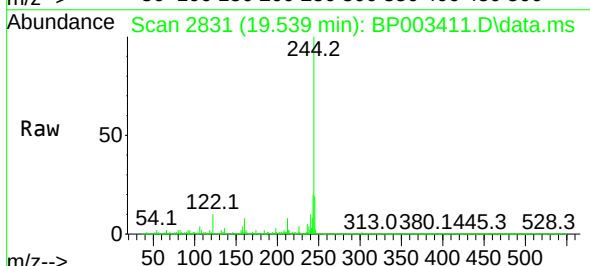
Tgt Ion:244 Resp: 1172577

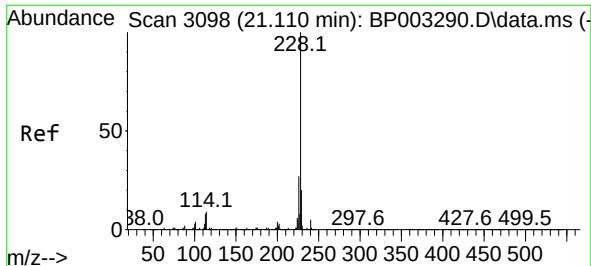
Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.6

122 10.5 7.8 11.8

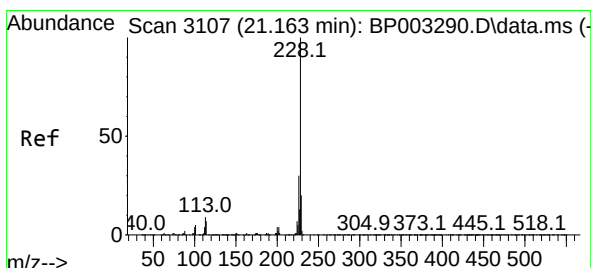
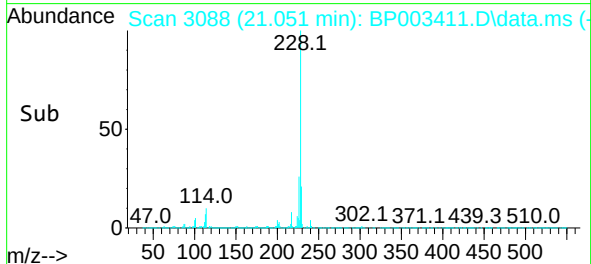
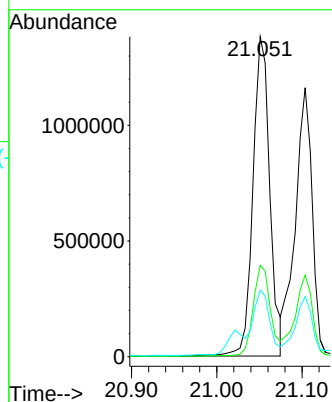
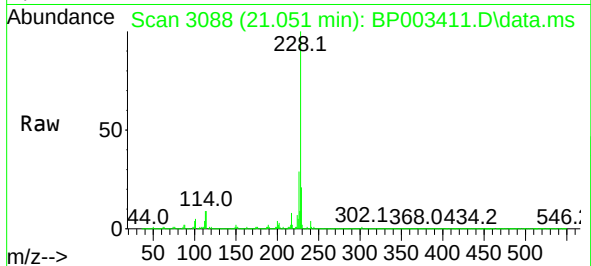




#81  
Benzo(a)anthracene  
Concen: 45.71 ng  
RT: 21.051 min Scan# 3088  
Delta R.T. -0.006 min  
Lab File: BP003411.D  
Acq: 29 Sep 2020 21:54

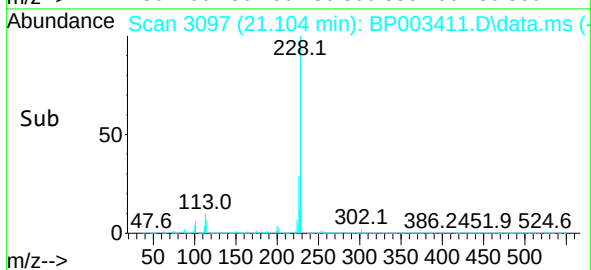
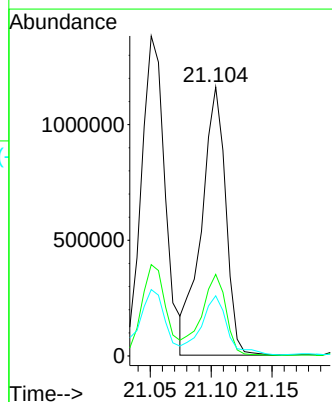
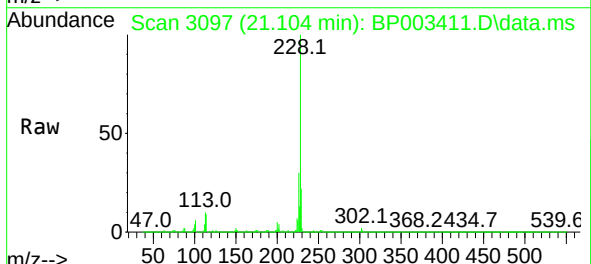
Instrument :  
BNA\_P  
ClientSampleId :  
B-6(11-13)

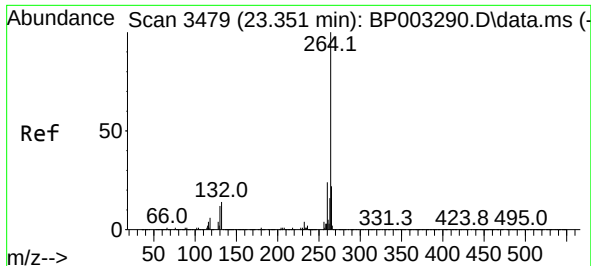
Tgt Ion:228 Resp: 1892670  
Ion Ratio Lower Upper  
228 100  
226 28.6 22.1 33.1  
229 20.8 15.9 23.9



#83  
Chrysene  
Concen: 40.34 ng  
RT: 21.104 min Scan# 3097  
Delta R.T. -0.006 min  
Lab File: BP003411.D  
Acq: 29 Sep 2020 21:54

Tgt Ion:228 Resp: 1604443  
Ion Ratio Lower Upper  
228 100  
226 30.4 24.4 36.6  
229 22.4 15.8 23.6



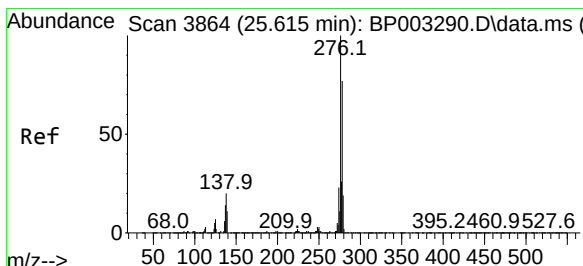
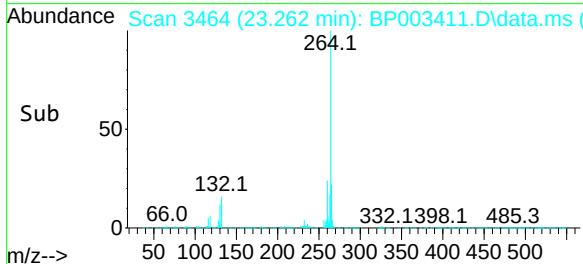
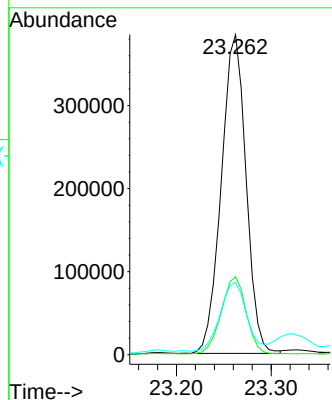
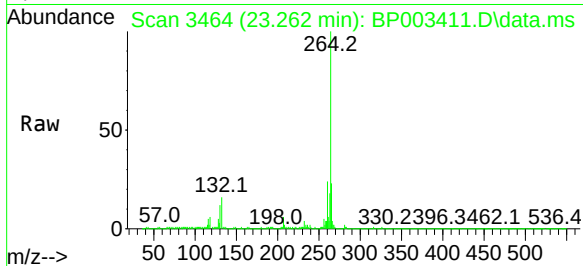


#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.262 min Scan# 3464  
Delta R.T. 0.000 min  
Lab File: BP003411.D  
Acq: 29 Sep 2020 21:54

Instrument :  
BNA\_P  
ClientSampleId :  
B-6(11-13)

Tgt Ion:264 Resp: 696593  

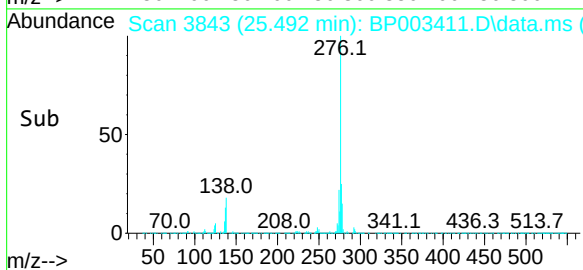
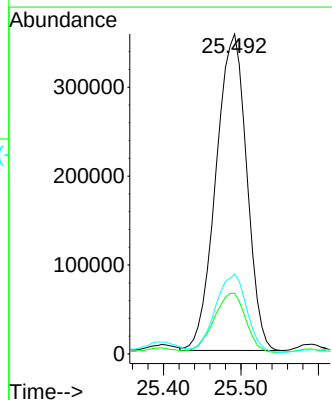
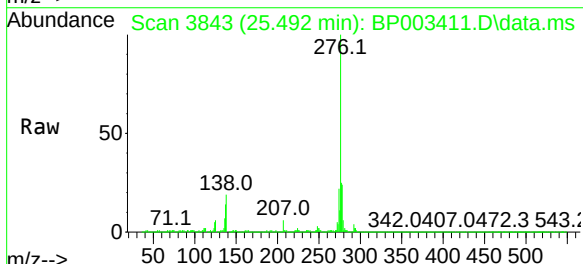
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.3  | 18.8  | 28.2  |
| 265 | 22.6  | 17.4  | 26.2  |

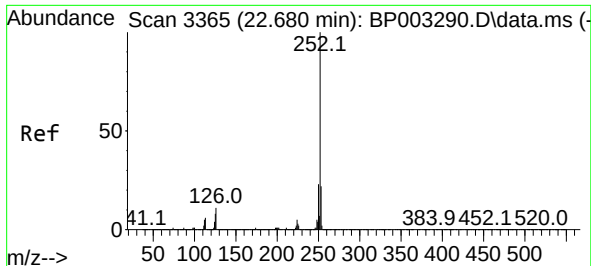


#87  
Indeno(1,2,3-cd)pyrene  
Concen: 18.63 ng  
RT: 25.492 min Scan# 3843  
Delta R.T. -0.012 min  
Lab File: BP003411.D  
Acq: 29 Sep 2020 21:54

Tgt Ion:276 Resp: 983396  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 19.2  | 18.7  | 28.1  |
| 277 | 25.1  | 20.4  | 30.6  |

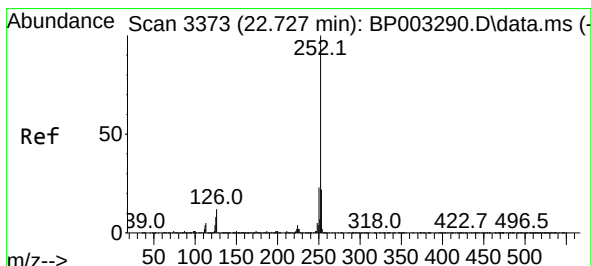
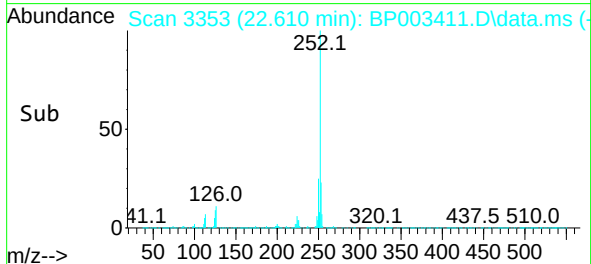
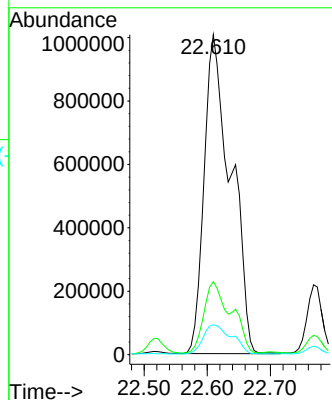
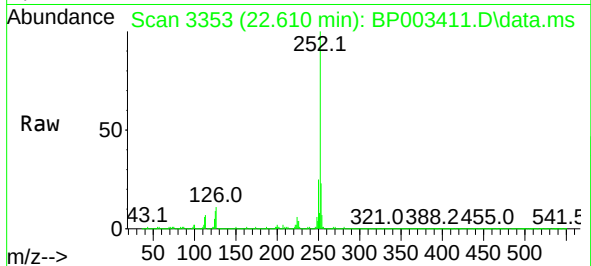




#88  
Benzo(b)fluoranthene  
Concen: 67.24 ng  
RT: 22.610 min Scan# 3353  
Delta R.T. 0.000 min  
Lab File: BP003411.D  
Acq: 29 Sep 2020 21:54

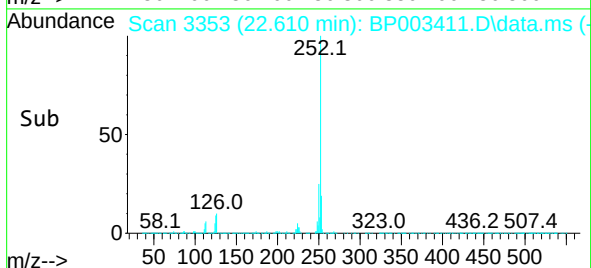
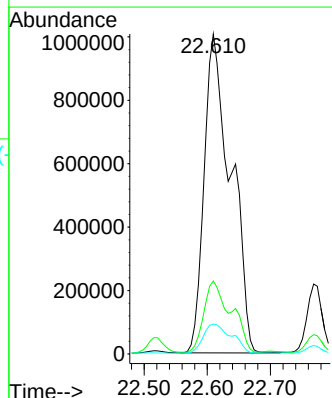
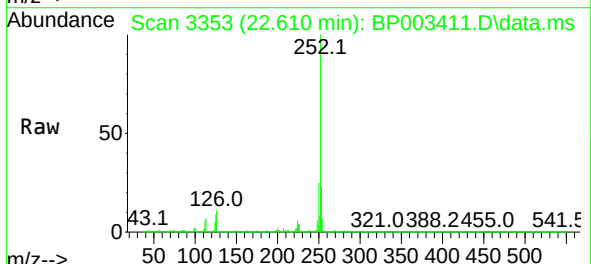
Instrument :  
BNA\_P  
ClientSampleId :  
B-6(11-13)

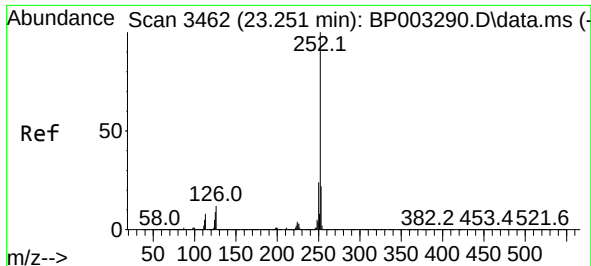
Tgt Ion:252 Resp: 2957725  
Ion Ratio Lower Upper  
252 100  
253 22.8 17.6 26.4  
125 9.4 7.3 10.9



#89  
Benzo(k)fluoranthene  
Concen: 70.16 ng  
RT: 22.610 min Scan# 3353  
Delta R.T. -0.041 min  
Lab File: BP003411.D  
Acq: 29 Sep 2020 21:54

Tgt Ion:252 Resp: 2957725  
Ion Ratio Lower Upper  
252 100  
253 22.8 17.8 26.8  
125 9.4 7.4 11.2

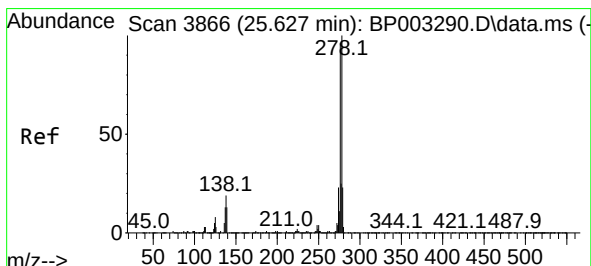
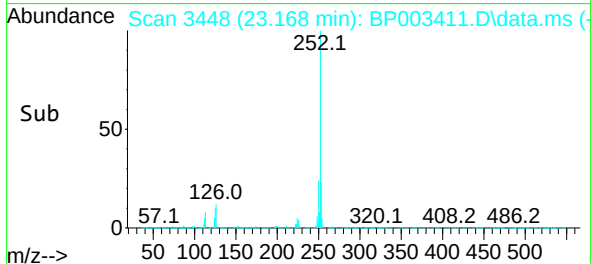
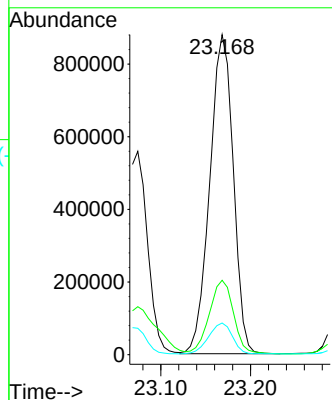
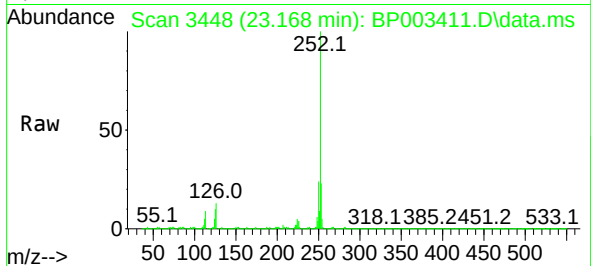




#90  
Benzo(a)pyrene  
Concen: 38.53 ng  
RT: 23.168 min Scan# 3448  
Delta R.T. -0.006 min  
Lab File: BP003411.D  
Acq: 29 Sep 2020 21:54

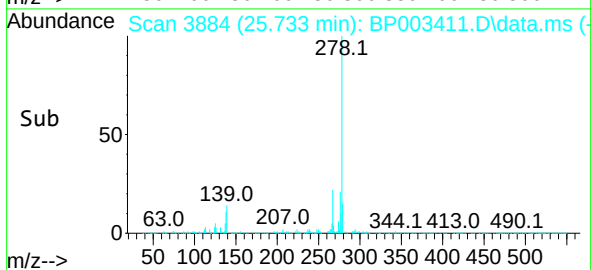
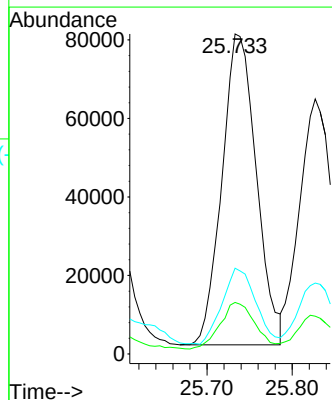
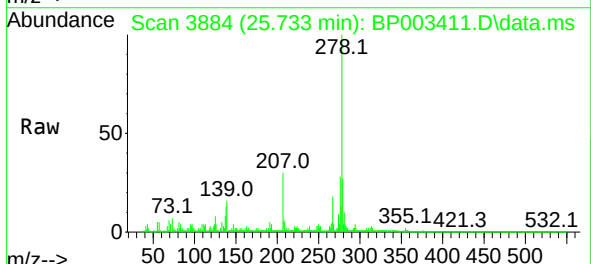
Instrument :  
BNA\_P  
ClientSampleId :  
B-6(11-13)

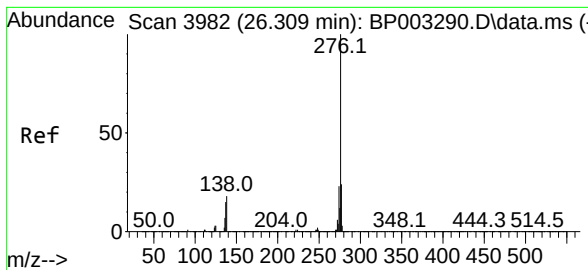
Tgt Ion:252 Resp: 1597996  
Ion Ratio Lower Upper  
252 100  
253 23.3 17.4 26.0  
125 9.9 8.2 12.4



#91  
Dibenzo(a,h)anthracene  
Concen: 5.10 ng  
RT: 25.733 min Scan# 3884  
Delta R.T. 0.224 min  
Lab File: BP003411.D  
Acq: 29 Sep 2020 21:54

Tgt Ion:278 Resp: 222073  
Ion Ratio Lower Upper  
278 100  
139 16.1 12.4 18.6  
279 26.8 19.0 28.6





#92  
 Benzo(g,h,i)perylene  
 Concen: 20.67 ng  
 RT: 26.168 min Scan# 3958  
 Delta R.T. -0.018 min  
 Lab File: BP003411.D  
 Acq: 29 Sep 2020 21:54

Instrument :  
 BNA\_P  
 ClientSampleId :  
 B-6(11-13)

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 899162 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 24.1  | 19.0  | 28.6   |
| 138       | 20.3  | 16.6  | 24.8   |

