

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP011222\  
 Data File : BP008775.D  
 Acq On : 12 Jan 2022 15:47  
 Operator : CG/JU  
 Sample : N1098-01  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 14-CON

Quant Time: Jan 13 06:59:42 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP010622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 12 00:18:56 2022  
 Response via : Initial Calibration

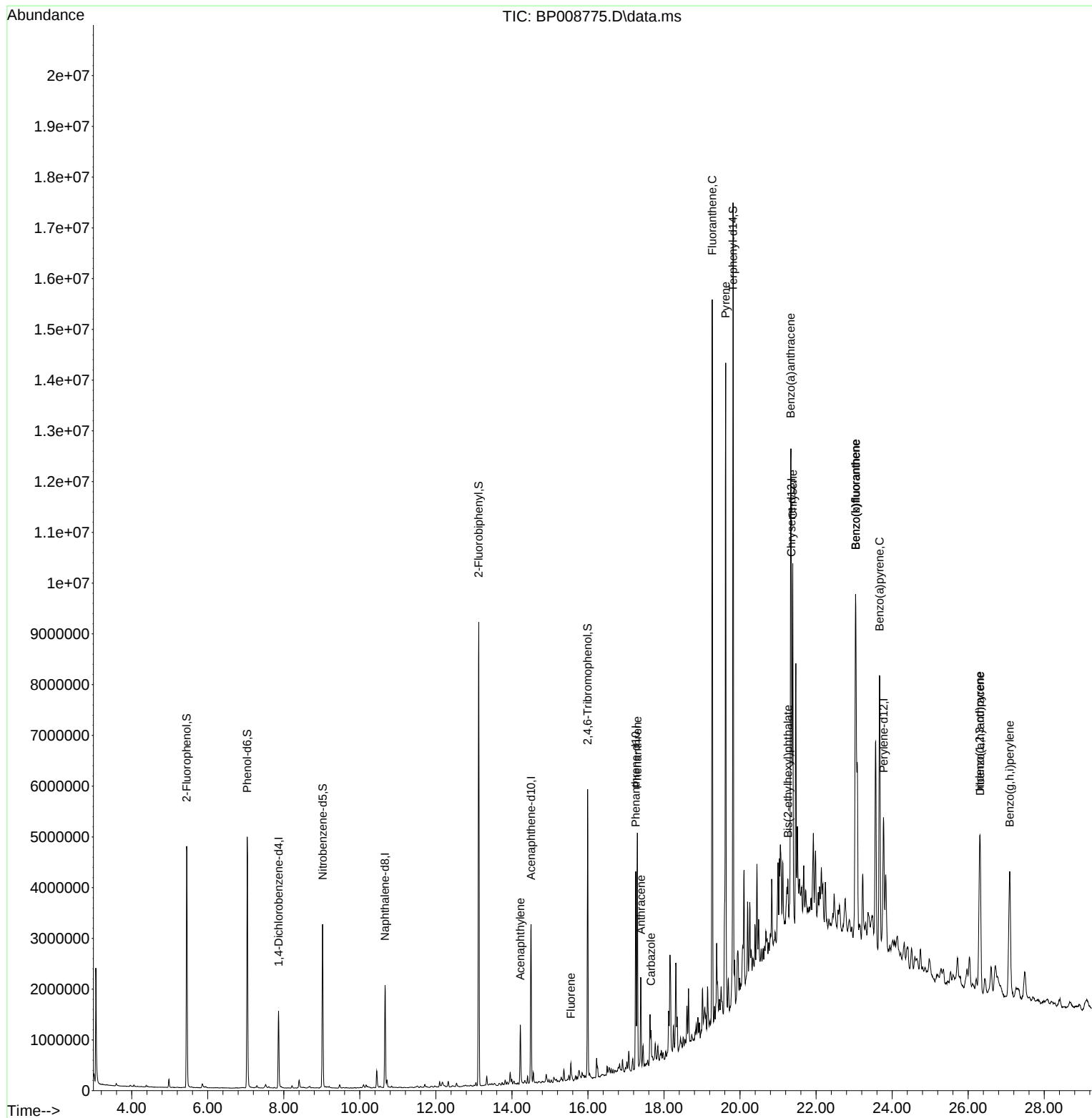
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.863  | 152  | 446986   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.663 | 136  | 1760292  | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.504 | 164  | 1173867  | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.257 | 188  | 2442530  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.351 | 240  | 2228658  | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 23.774 | 264  | 1964168  | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.446  | 112  | 2379708  | 83.370 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.040  | 99   | 3090845  | 80.662 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.022  | 82   | 1917606  | 61.694 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.992 | 330  | 1114136  | 56.257 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.128 | 172  | 5118598  | 61.303 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.816 | 244  | 7787877  | 71.211 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 49) Acenaphthylene            | 14.222 | 152  | 956612   | 8.573  | ng    | 100      |
| 58) Fluorene                  | 15.551 | 166  | 183825   | 2.072  | ng    | 98       |
| 71) Phenanthrene              | 17.298 | 178  | 2875974  | 21.192 | ng    | 99       |
| 72) Anthracene                | 17.392 | 178  | 1253689  | 9.046  | ng    | 99       |
| 73) Carbazole                 | 17.657 | 167  | 431282   | 3.395  | ng    | 99       |
| 75) Fluoranthene              | 19.269 | 202  | 8333472  | 51.281 | ng    | 99       |
| 78) Pyrene                    | 19.622 | 202  | 7890657  | 54.148 | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.333 | 228  | 4316793  | 29.525 | ng    | 98       |
| 83) Chrysene                  | 21.386 | 228  | 4287516  | 30.399 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.263 | 149  | 291569   | 3.352  | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.304 | 276  | 3423009  | 21.810 | ng    | 96       |
| 88) Benzo(b)fluoranthene      | 23.039 | 252  | 8397863  | 65.436 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.039 | 252  | 8397924  | 69.920 | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.668 | 252  | 4194427  | 33.815 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 26.315 | 278  | 838307   | 6.321  | ng    | # 82     |
| 92) Benzo(g,h,i)perylene      | 27.092 | 276  | 3451893  | 26.223 | ng    | 100      |
| -----                         |        |      |          |        |       |          |

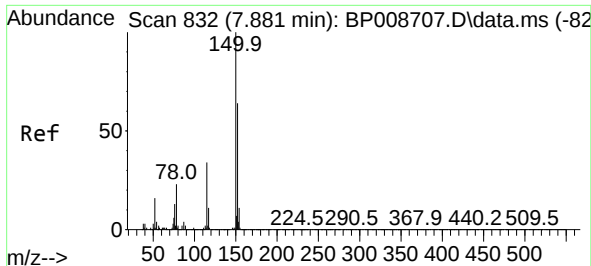
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP011222\  
Data File : BP008775.D  
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Sample : N1098-01  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

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BNA\_P  
ClientSampleId :  
14-CON

Quant Time: Jan 13 06:59:42 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP010622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jan 12 00:18:56 2022  
Response via : Initial Calibration

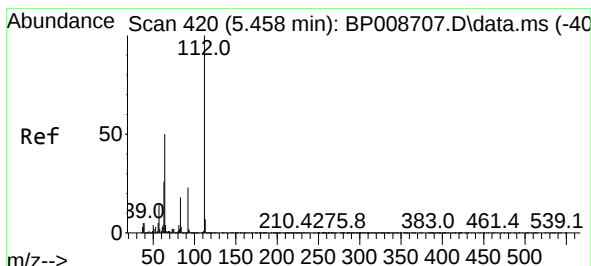
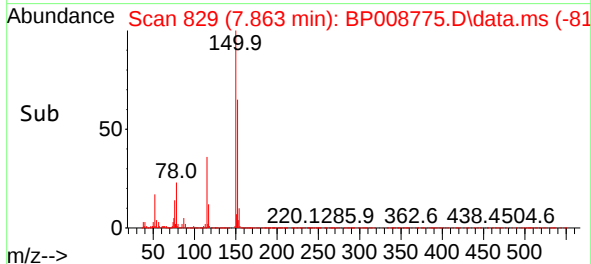
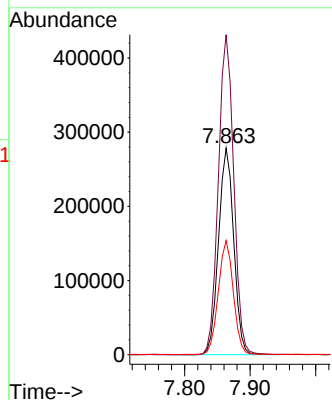
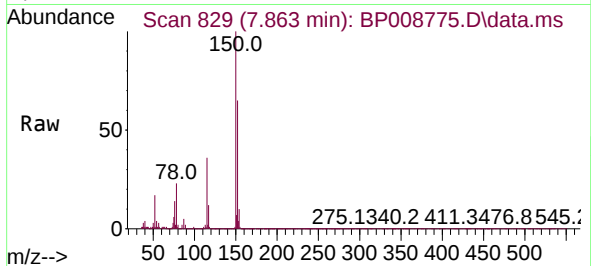




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.863 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BP008775.D  
Acq: 12 Jan 2022 15:47

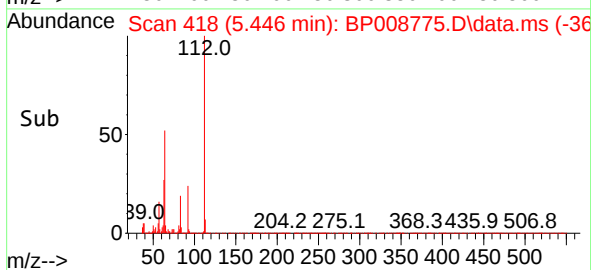
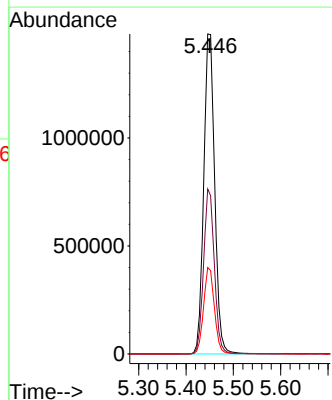
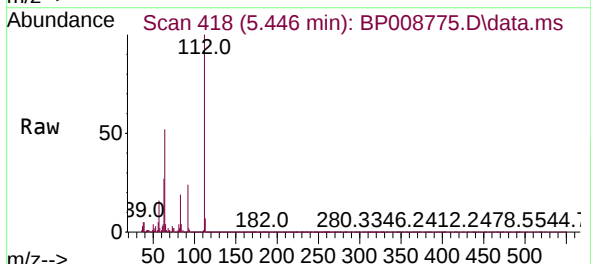
Instrument :  
BNA\_P  
ClientSampleId :  
14-CON

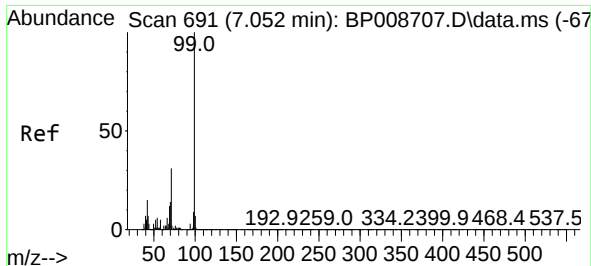
Tgt Ion:152 Resp: 446986  
Ion Ratio Lower Upper  
152 100  
150 154.9 127.0 190.6  
115 55.2 43.7 65.5



#5  
2-Fluorophenol  
Concen: 83.370 ng  
RT: 5.446 min Scan# 418  
Delta R.T. -0.000 min  
Lab File: BP008775.D  
Acq: 12 Jan 2022 15:47

Tgt Ion:112 Resp: 2379708  
Ion Ratio Lower Upper  
112 100  
64 51.6 39.7 59.5  
63 27.0 20.0 30.0

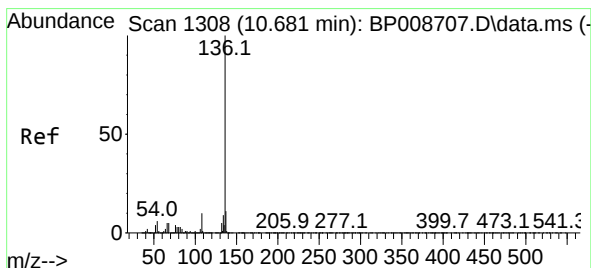
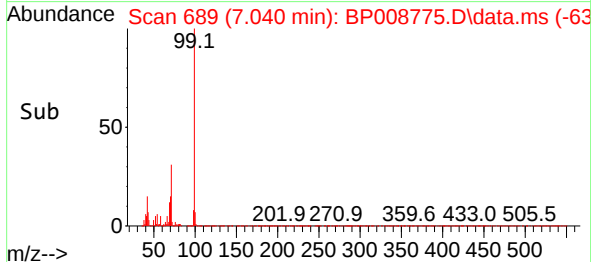
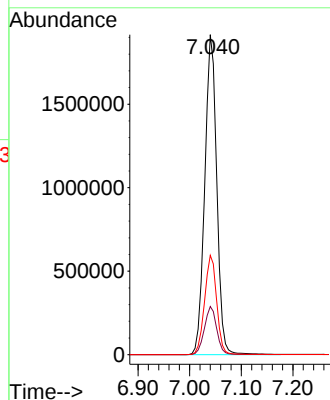
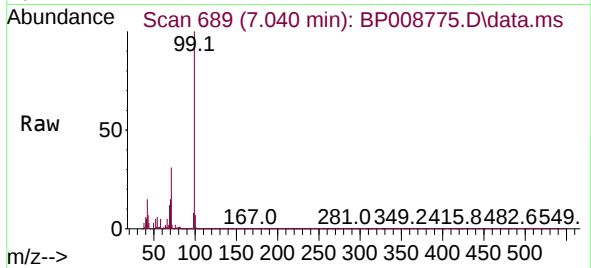




#7  
Phenol-d6  
Concen: 80.662 ng  
RT: 7.040 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BP008775.D  
Acq: 12 Jan 2022 15:47

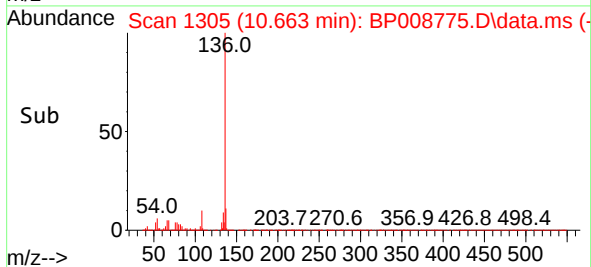
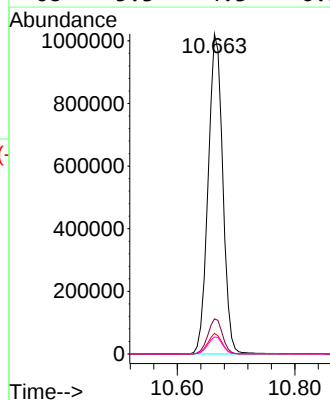
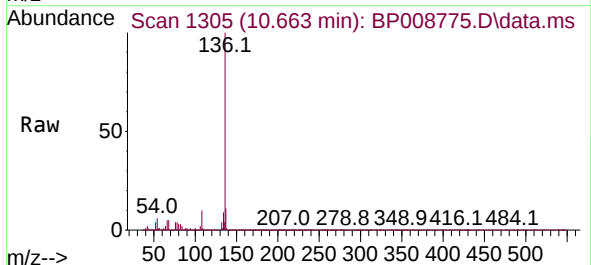
Instrument :  
BNA\_P  
ClientSampleId :  
14-CON

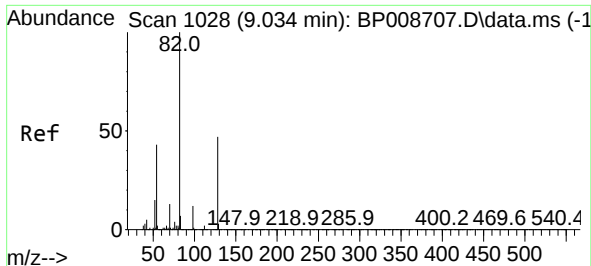
Tgt Ion: 99 Resp: 3090845  
Ion Ratio Lower Upper  
99 100  
42 15.0 10.8 16.2  
71 31.1 23.8 35.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.663 min Scan# 1305  
Delta R.T. -0.006 min  
Lab File: BP008775.D  
Acq: 12 Jan 2022 15:47

Tgt Ion:136 Resp: 1760292  
Ion Ratio Lower Upper  
136 100  
137 11.0 9.0 13.4  
54 6.4 4.9 7.3  
68 5.3 4.3 6.5

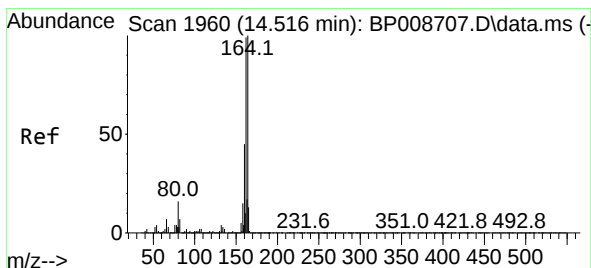
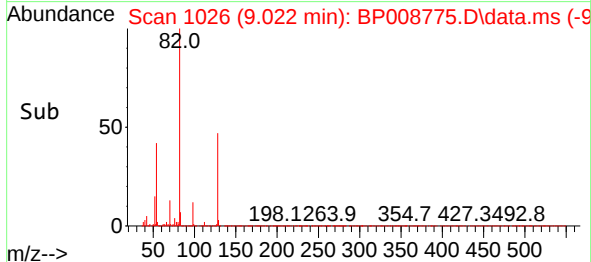
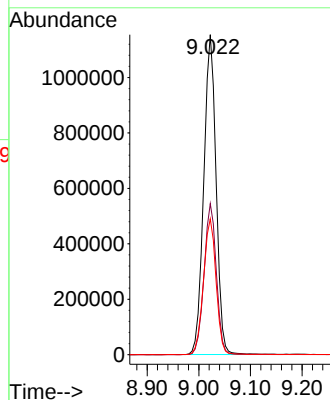
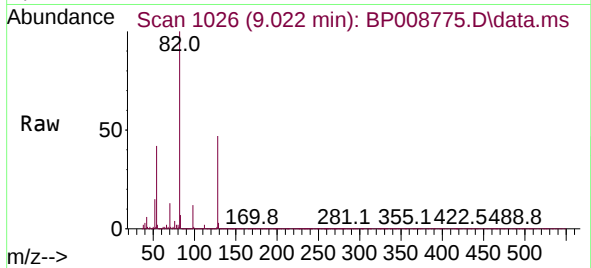




#23  
Nitrobenzene-d5  
Concen: 61.694 ng  
RT: 9.022 min Scan# 1026  
Delta R.T. -0.006 min  
Lab File: BP008775.D  
Acq: 12 Jan 2022 15:47

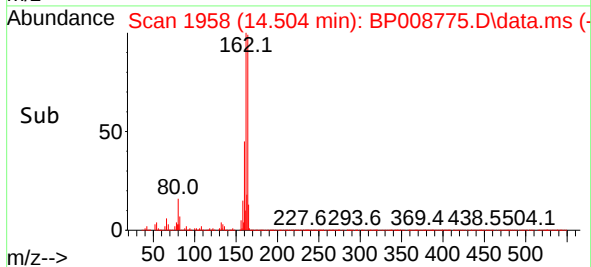
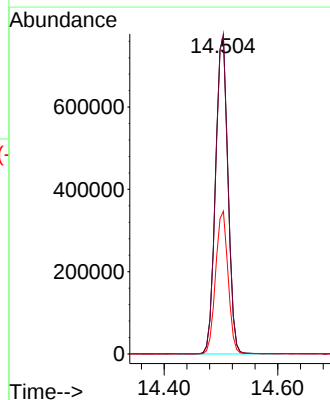
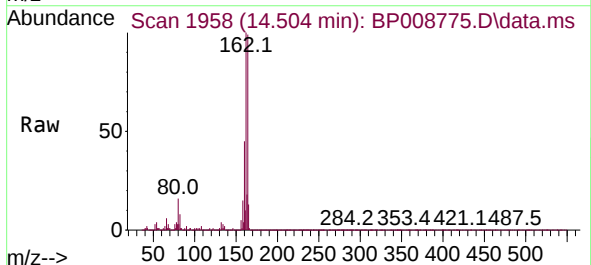
Instrument :  
BNA\_P  
ClientSampleId :  
14-CON

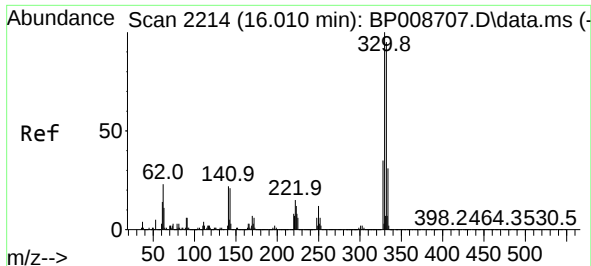
Tgt Ion: 82 Resp: 1917606  
Ion Ratio Lower Upper  
82 100  
128 47.2 39.4 59.2  
54 42.5 32.6 48.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.504 min Scan# 1958  
Delta R.T. -0.000 min  
Lab File: BP008775.D  
Acq: 12 Jan 2022 15:47

Tgt Ion: 164 Resp: 1173867  
Ion Ratio Lower Upper  
164 100  
162 101.0 79.9 119.9  
160 45.1 35.5 53.3

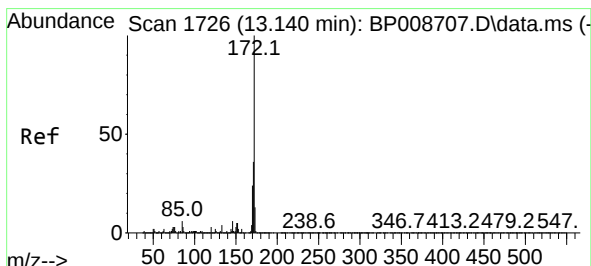
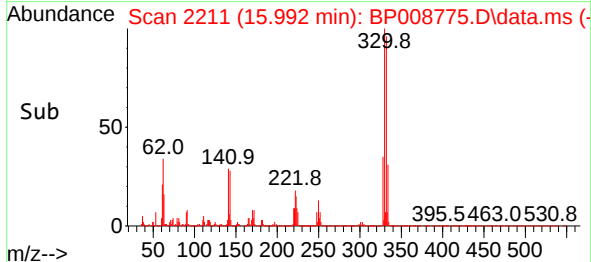
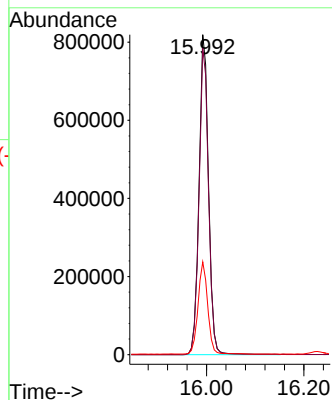
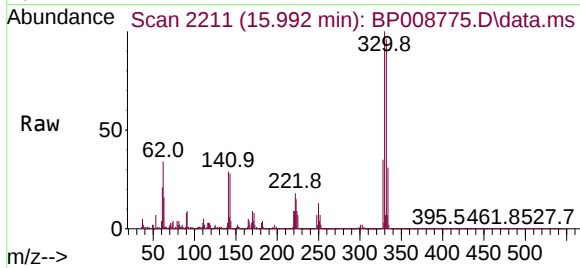




#42  
2,4,6-Tribromophenol  
Concen: 56.257 ng  
RT: 15.992 min Scan# 2114  
Delta R.T. -0.006 min  
Lab File: BP008775.D  
Acq: 12 Jan 2022 15:47

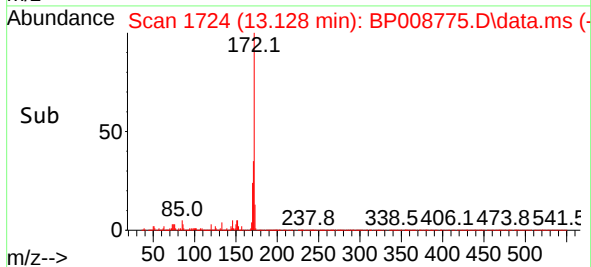
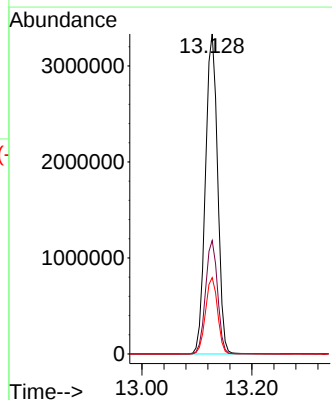
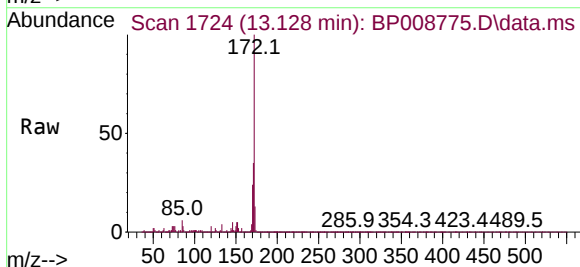
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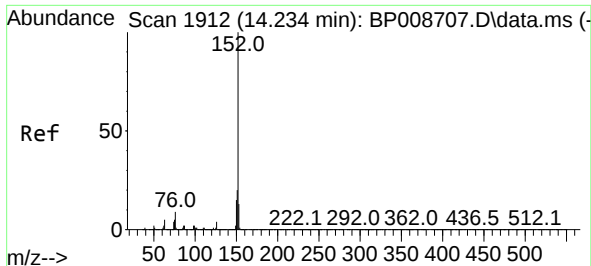
Tgt Ion:330 Resp: 1114136  
Ion Ratio Lower Upper  
330 100  
332 95.7 77.0 115.4  
141 29.1 21.3 31.9



#45  
2-Fluorobiphenyl  
Concen: 61.303 ng  
RT: 13.128 min Scan# 1724  
Delta R.T. -0.006 min  
Lab File: BP008775.D  
Acq: 12 Jan 2022 15:47

Tgt Ion:172 Resp: 5118598  
Ion Ratio Lower Upper  
172 100  
171 35.5 29.3 43.9  
170 23.9 19.5 29.3

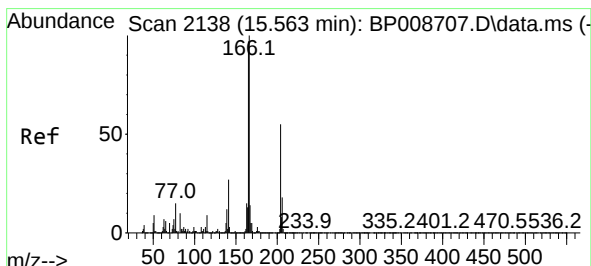
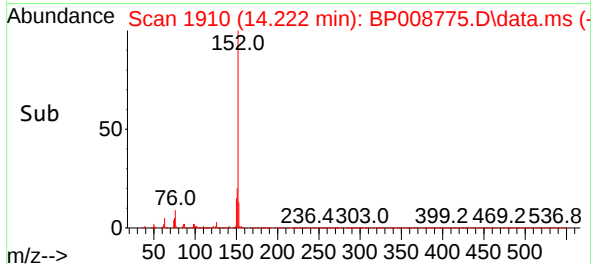
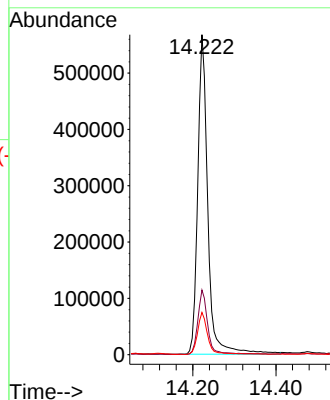
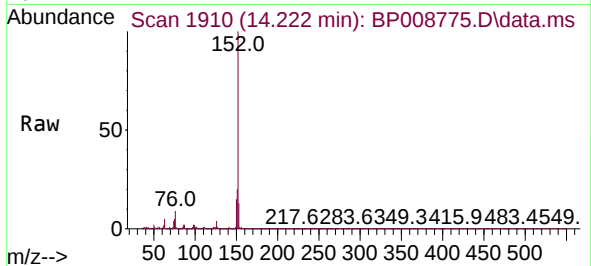




#49  
Acenaphthylene  
Concen: 8.573 ng  
RT: 14.222 min Scan# 1910  
Delta R.T. -0.006 min  
Lab File: BP008775.D  
Acq: 12 Jan 2022 15:47

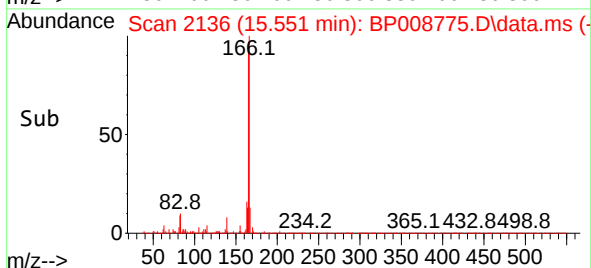
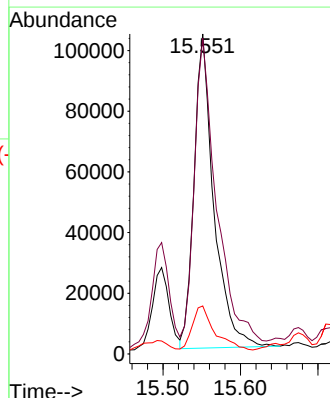
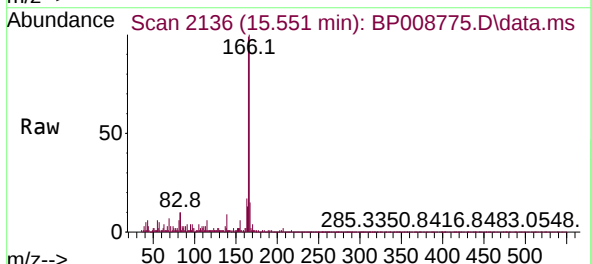
Instrument :  
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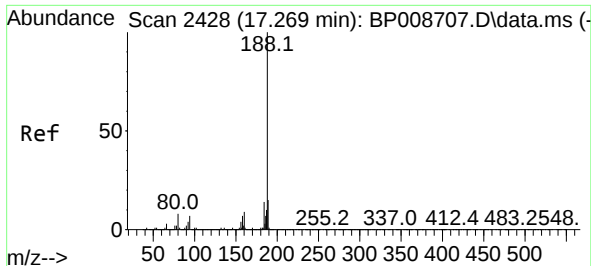
Tgt Ion:152 Resp: 956612  
Ion Ratio Lower Upper  
152 100  
151 20.2 16.1 24.1  
153 13.2 10.6 16.0



#58  
Fluorene  
Concen: 2.072 ng  
RT: 15.551 min Scan# 2136  
Delta R.T. -0.006 min  
Lab File: BP008775.D  
Acq: 12 Jan 2022 15:47

Tgt Ion:166 Resp: 183825  
Ion Ratio Lower Upper  
166 100  
165 98.7 77.2 115.8  
167 15.0 11.2 16.8

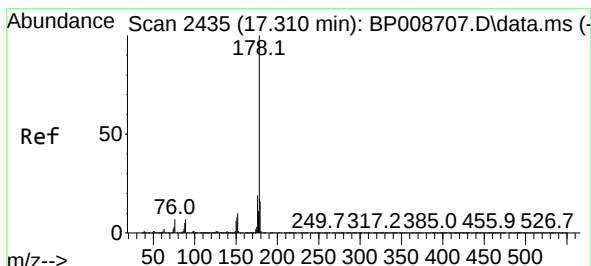
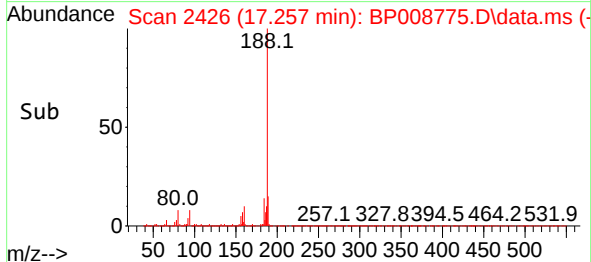
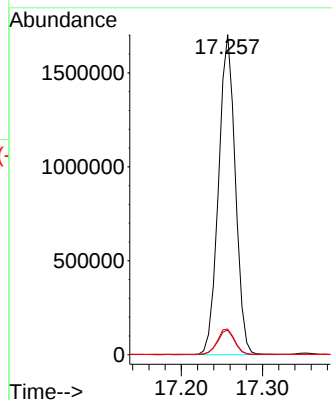
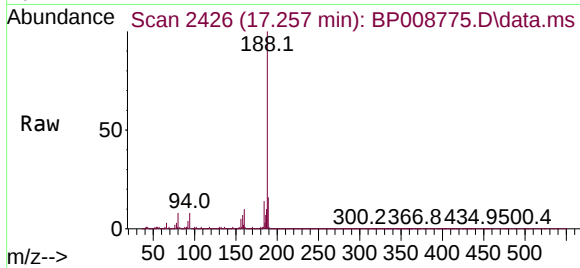




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.257 min Scan# 2426  
Delta R.T. -0.000 min  
Lab File: BP008775.D  
Acq: 12 Jan 2022 15:47

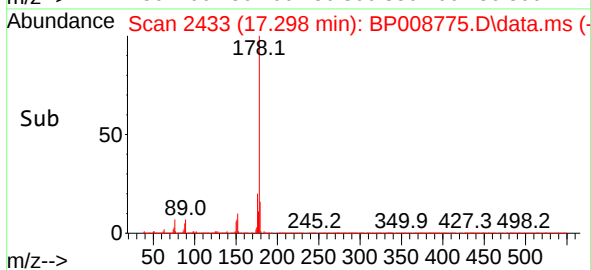
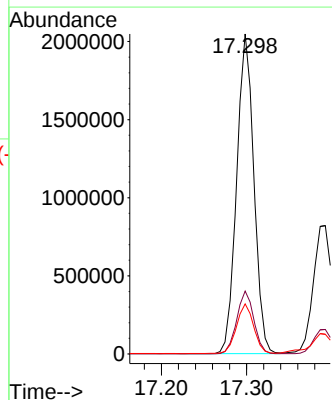
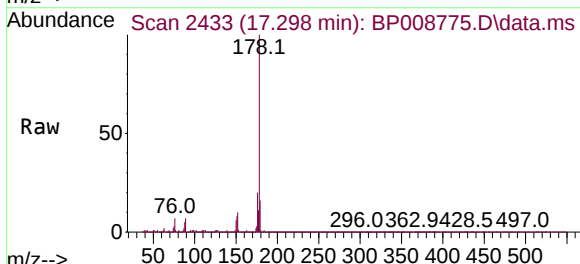
Instrument :  
BNA\_P  
ClientSampleId :  
14-CON

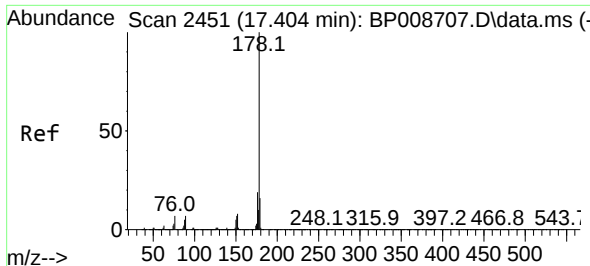
Tgt Ion:188 Resp: 2442530  
Ion Ratio Lower Upper  
188 100  
94 7.7 6.8 10.2  
80 8.0 7.2 10.8



#71  
Phenanthrene  
Concen: 21.192 ng  
RT: 17.298 min Scan# 2433  
Delta R.T. -0.000 min  
Lab File: BP008775.D  
Acq: 12 Jan 2022 15:47

Tgt Ion:178 Resp: 2875974  
Ion Ratio Lower Upper  
178 100  
176 19.6 16.0 24.0  
179 15.6 13.0 19.4

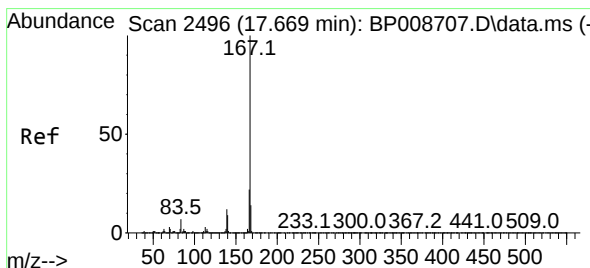
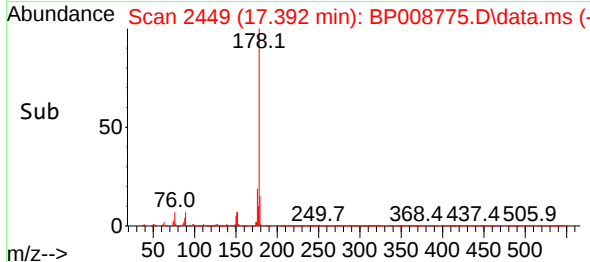
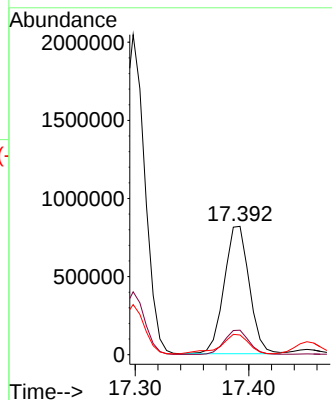
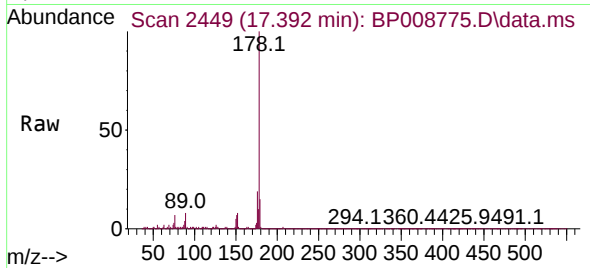




#72  
 Anthracene  
 Concen: 9.046 ng  
 RT: 17.392 min Scan# 2449  
 Delta R.T. -0.000 min  
 Lab File: BP008775.D  
 Acq: 12 Jan 2022 15:47

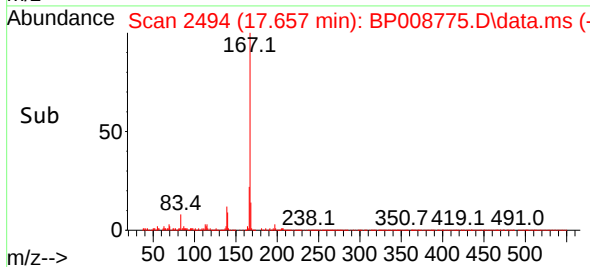
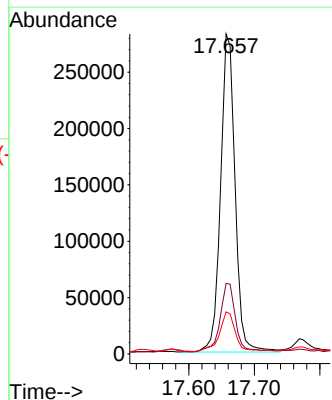
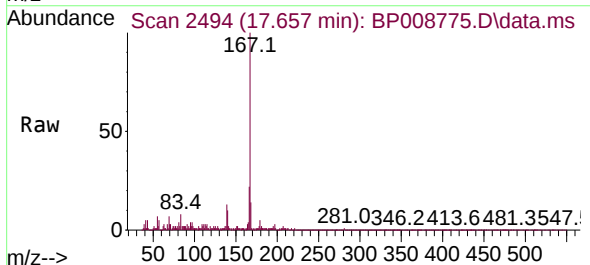
Instrument :  
 BNA\_P  
 ClientSampleId :  
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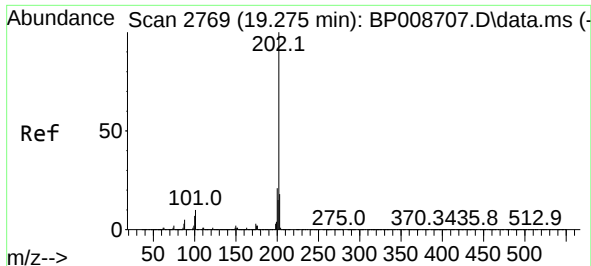
Tgt Ion:178 Resp: 1253689  
 Ion Ratio Lower Upper  
 178 100  
 176 19.1 15.1 22.7  
 179 15.3 12.8 19.2



#73  
 Carbazole  
 Concen: 3.395 ng  
 RT: 17.657 min Scan# 2494  
 Delta R.T. -0.006 min  
 Lab File: BP008775.D  
 Acq: 12 Jan 2022 15:47

Tgt Ion:167 Resp: 431282  
 Ion Ratio Lower Upper  
 167 100  
 166 22.1 17.7 26.5  
 139 13.2 9.8 14.6

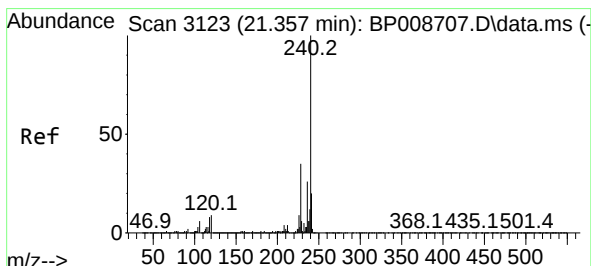
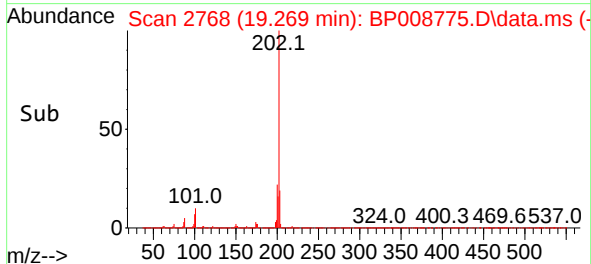
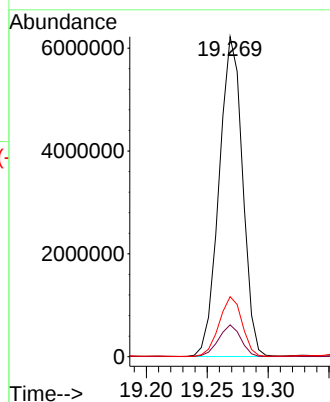
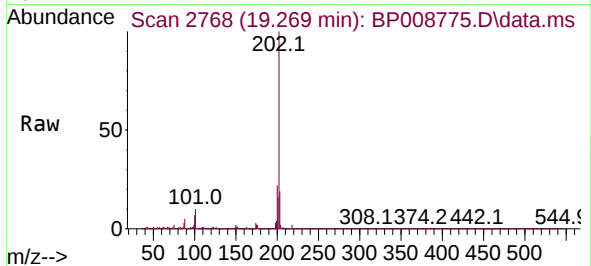




#75  
Fluoranthene  
Concen: 51.281 ng  
RT: 19.269 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BP008775.D  
Acq: 12 Jan 2022 15:47

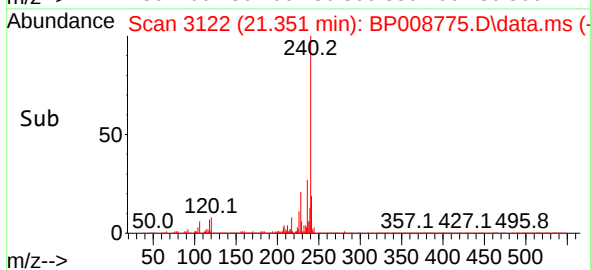
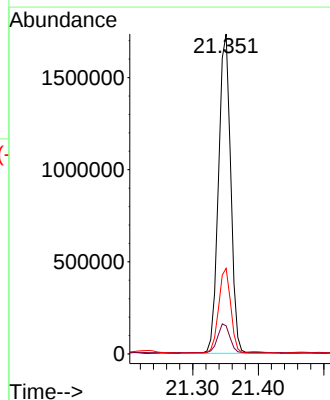
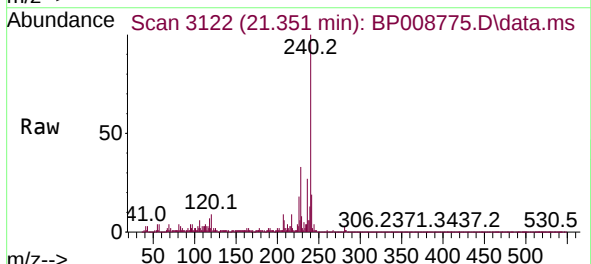
Instrument :  
BNA\_P  
ClientSampleId :  
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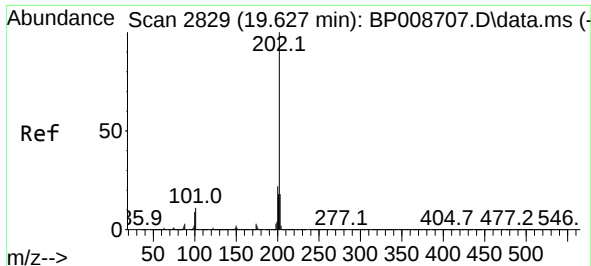
Tgt Ion:202 Resp: 8333472  
Ion Ratio Lower Upper  
202 100  
101 9.9 0.0 30.7  
203 18.8 0.0 38.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.351 min Scan# 3122  
Delta R.T. 0.006 min  
Lab File: BP008775.D  
Acq: 12 Jan 2022 15:47

Tgt Ion:240 Resp: 2228658  
Ion Ratio Lower Upper  
240 100  
120 8.8 7.7 11.5  
236 26.8 21.2 31.8

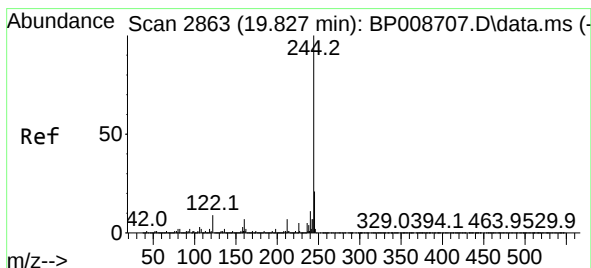
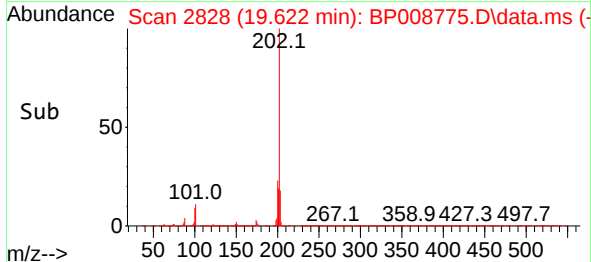
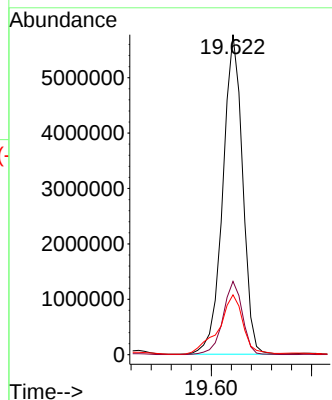
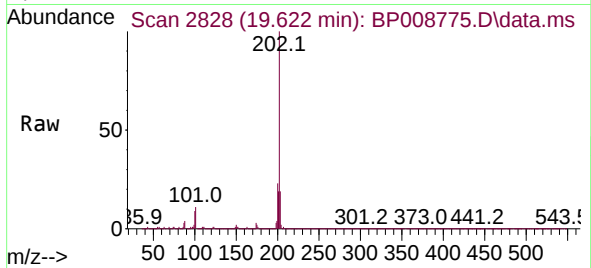




#78  
Pyrene  
Concen: 54.148 ng  
RT: 19.622 min Scan# 2828  
Delta R.T. -0.000 min  
Lab File: BP008775.D  
Acq: 12 Jan 2022 15:47

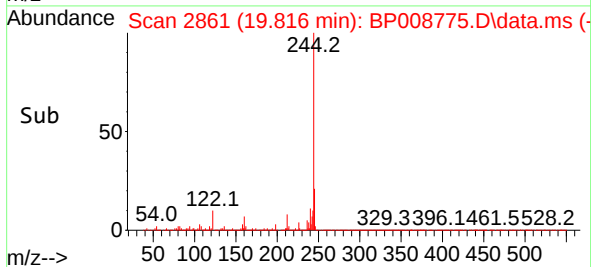
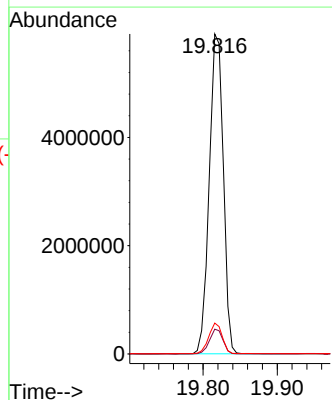
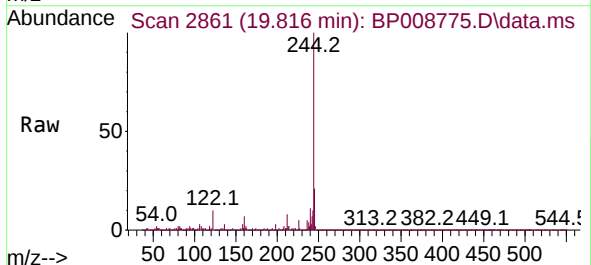
Instrument :  
BNA\_P  
ClientSampleId :  
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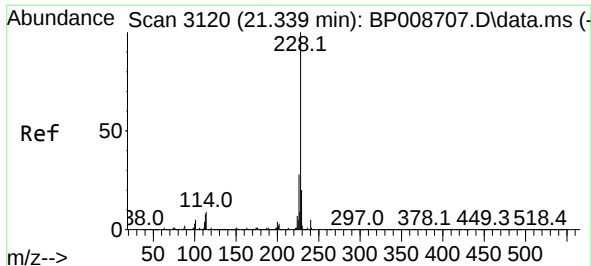
Tgt Ion:202 Resp: 7890657  
Ion Ratio Lower Upper  
202 100  
200 22.9 18.0 27.0  
203 18.7 15.0 22.6



#79  
Terphenyl-d14  
Concen: 71.211 ng  
RT: 19.816 min Scan# 2861  
Delta R.T. -0.000 min  
Lab File: BP008775.D  
Acq: 12 Jan 2022 15:47

Tgt Ion:244 Resp: 7787877  
Ion Ratio Lower Upper  
244 100  
212 7.8 6.5 9.7  
122 9.7 9.2 13.8

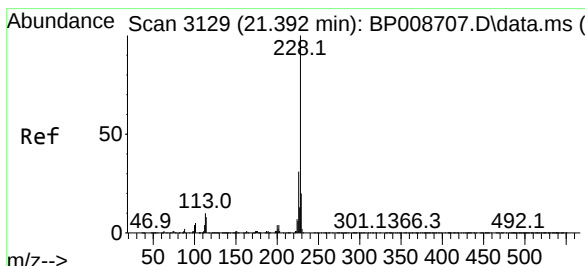
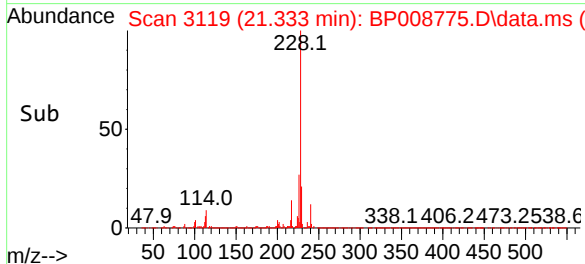
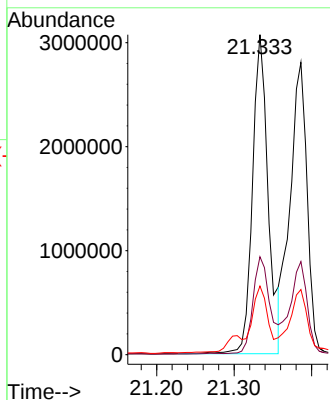
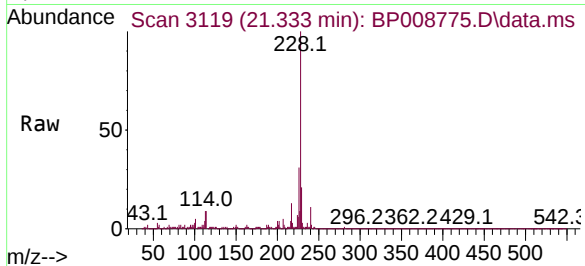




#81  
Benzo(a)anthracene  
Concen: 29.525 ng  
RT: 21.333 min Scan# 3119  
Delta R.T. -0.000 min  
Lab File: BP008775.D  
Acq: 12 Jan 2022 15:47

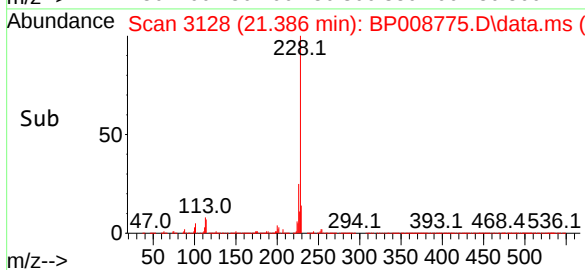
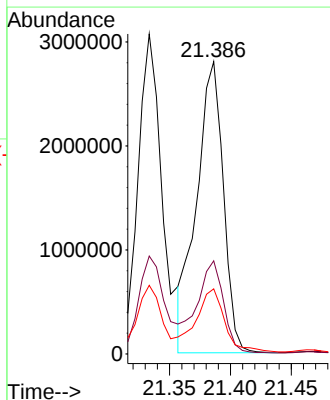
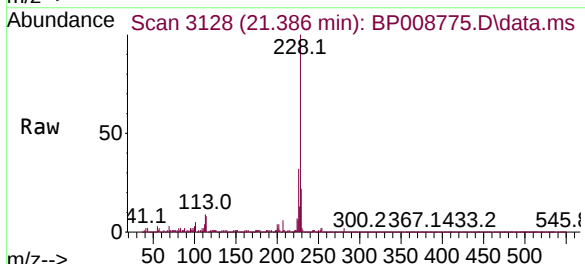
Instrument :  
BNA\_P  
ClientSampleId :  
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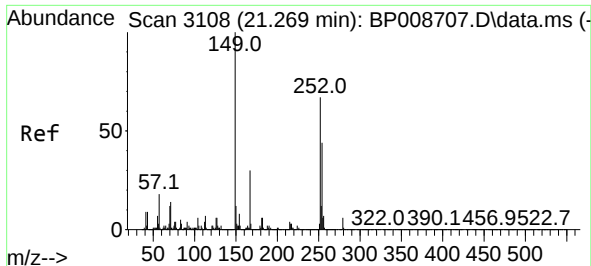
Tgt Ion:228 Resp: 4316793  
Ion Ratio Lower Upper  
228 100  
226 30.6 23.3 34.9  
229 21.5 17.0 25.6



#83  
Chrysene  
Concen: 30.399 ng  
RT: 21.386 min Scan# 3128  
Delta R.T. -0.000 min  
Lab File: BP008775.D  
Acq: 12 Jan 2022 15:47

Tgt Ion:228 Resp: 4287516  
Ion Ratio Lower Upper  
228 100  
226 31.8 26.0 39.0  
229 22.3 16.9 25.3

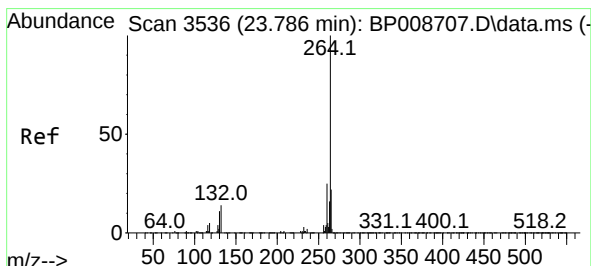
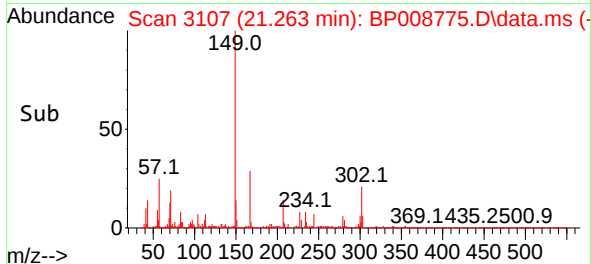
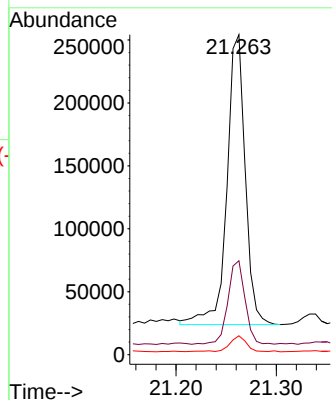
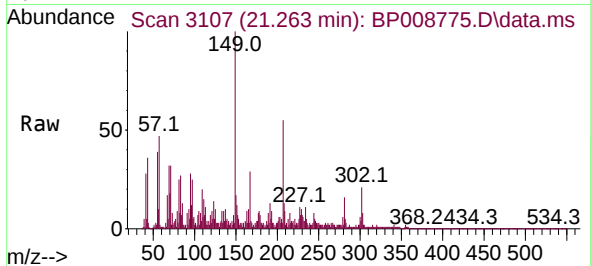




#84  
Bis(2-ethylhexyl)phthalate  
Concen: 3.352 ng  
RT: 21.263 min Scan# 3107  
Delta R.T. 0.006 min  
Lab File: BP008775.D  
Acq: 12 Jan 2022 15:47

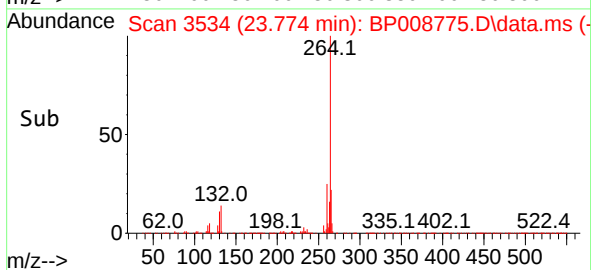
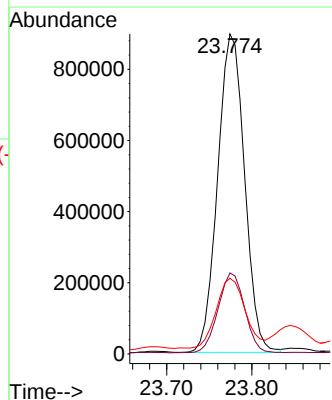
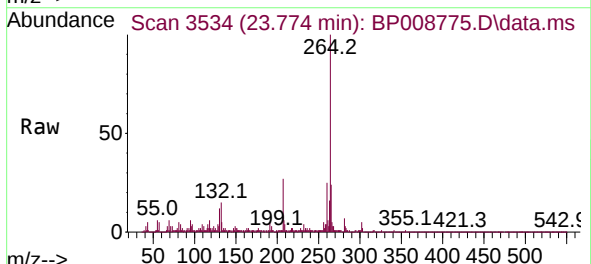
Instrument :  
BNA\_P  
ClientSampleId :  
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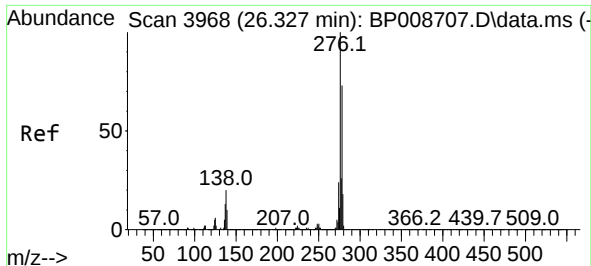
Tgt Ion:149 Resp: 291569  
Ion Ratio Lower Upper  
149 100  
167 29.4 25.0 37.4  
279 5.9 4.8 7.2



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.774 min Scan# 3534  
Delta R.T. 0.006 min  
Lab File: BP008775.D  
Acq: 12 Jan 2022 15:47

Tgt Ion:264 Resp: 1964168  
Ion Ratio Lower Upper  
264 100  
260 25.3 19.1 28.7  
265 23.6 17.1 25.7

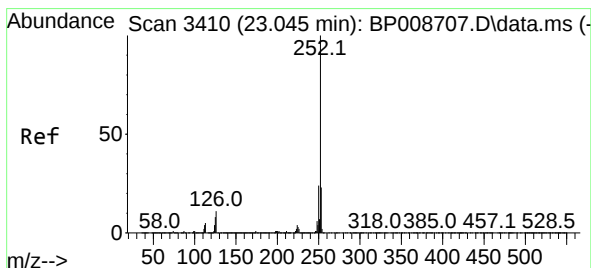
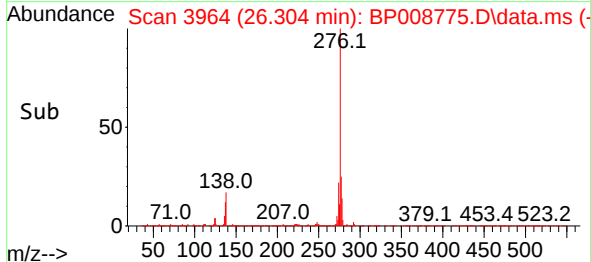
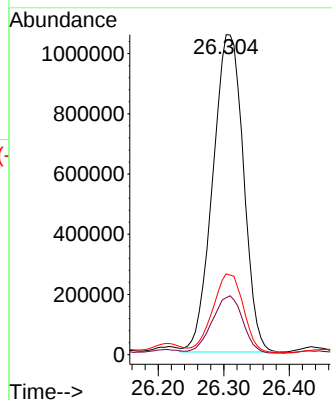
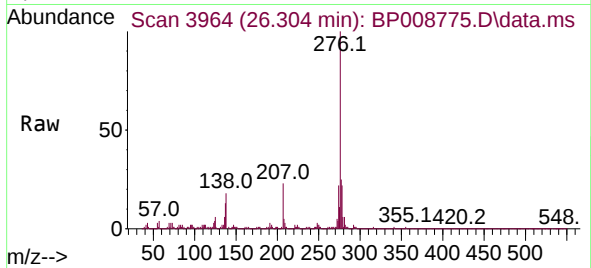




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 21.810 ng  
 RT: 26.304 min Scan# 3409  
 Delta R.T. 0.006 min  
 Lab File: BP008775.D  
 Acq: 12 Jan 2022 15:47

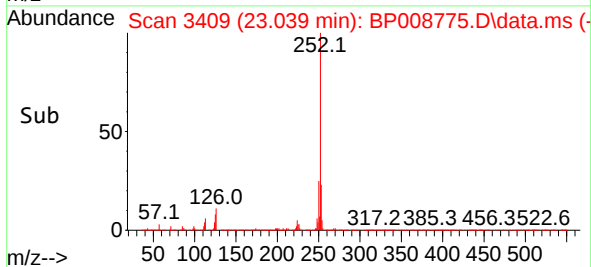
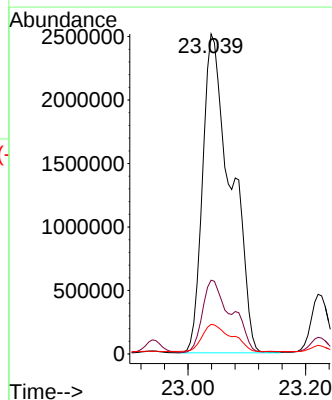
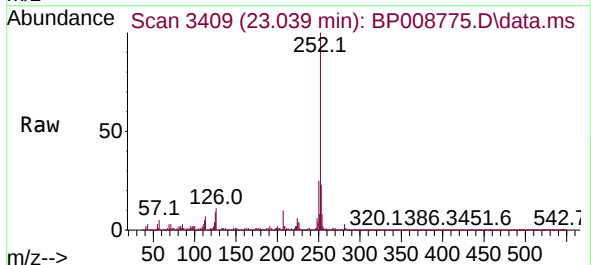
Instrument :  
 BNA\_P  
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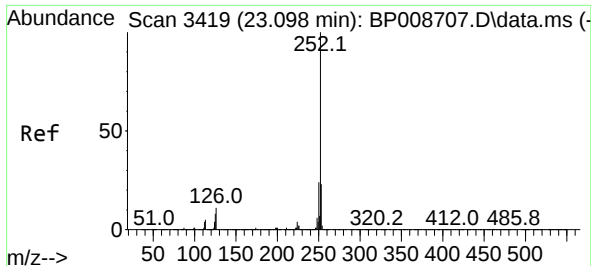
Tgt Ion:276 Resp: 3423009  
 Ion Ratio Lower Upper  
 276 100  
 138 18.0 17.8 26.6  
 277 25.1 20.4 30.6



#88  
 Benzo(b)fluoranthene  
 Concen: 65.436 ng  
 RT: 23.039 min Scan# 3409  
 Delta R.T. 0.012 min  
 Lab File: BP008775.D  
 Acq: 12 Jan 2022 15:47

Tgt Ion:252 Resp: 8397863  
 Ion Ratio Lower Upper  
 252 100  
 253 23.1 18.0 27.0  
 125 9.3 6.9 10.3

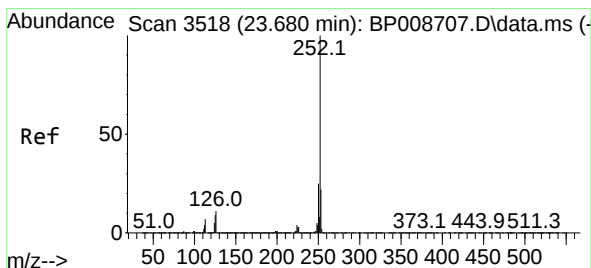
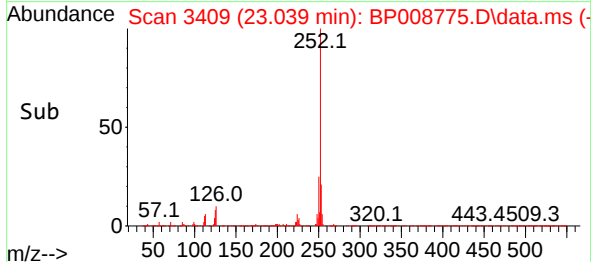
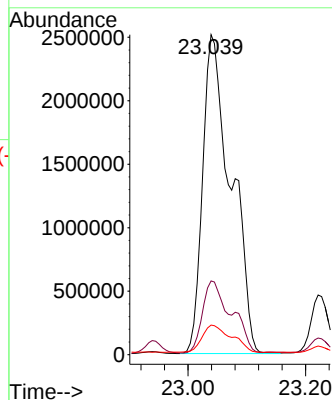
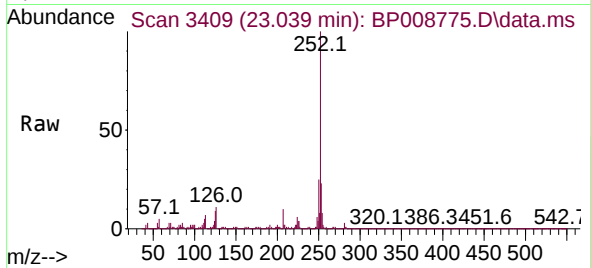




#89  
Benzo(k)fluoranthene  
Concen: 69.920 ng  
RT: 23.039 min Scan# 3419  
Delta R.T. -0.041 min  
Lab File: BP008775.D  
Acq: 12 Jan 2022 15:47

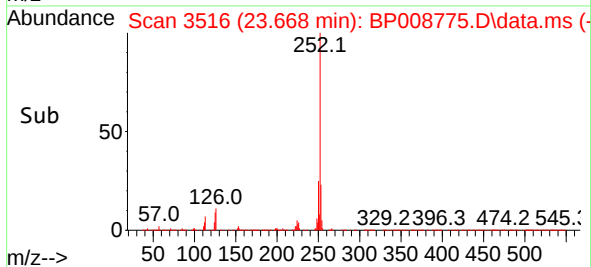
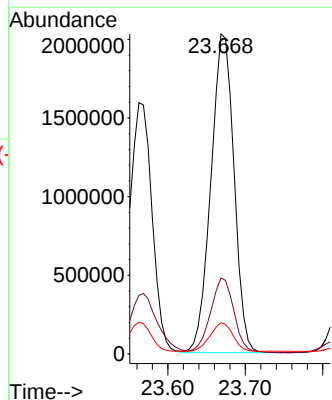
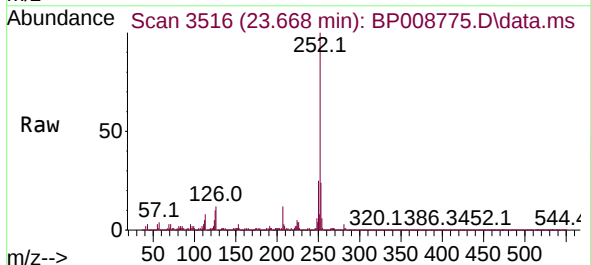
Instrument :  
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ClientSampleId :  
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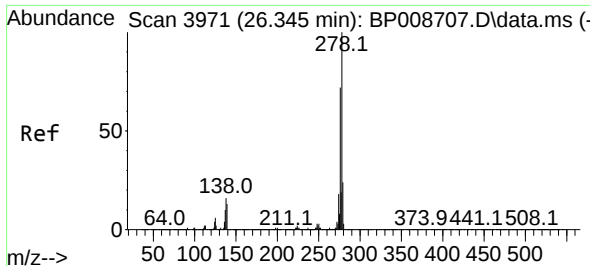
Tgt Ion:252 Resp: 8397924  
Ion Ratio Lower Upper  
252 100  
253 23.1 18.2 27.2  
125 9.3 7.3 10.9



#90  
Benzo(a)pyrene  
Concen: 33.815 ng  
RT: 23.668 min Scan# 3516  
Delta R.T. 0.006 min  
Lab File: BP008775.D  
Acq: 12 Jan 2022 15:47

Tgt Ion:252 Resp: 4194427  
Ion Ratio Lower Upper  
252 100  
253 23.7 17.8 26.8  
125 9.8 7.8 11.6

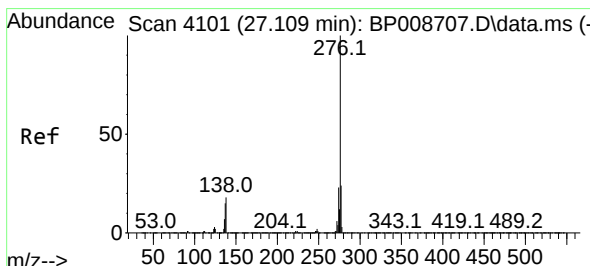
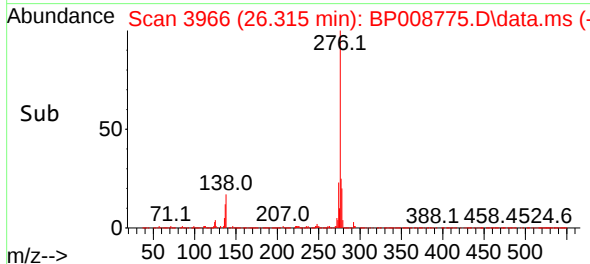
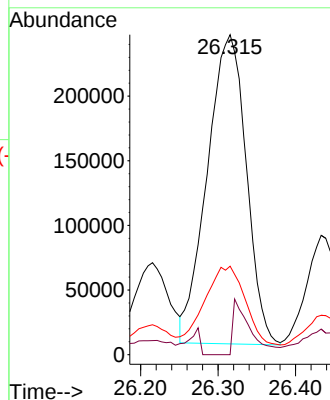
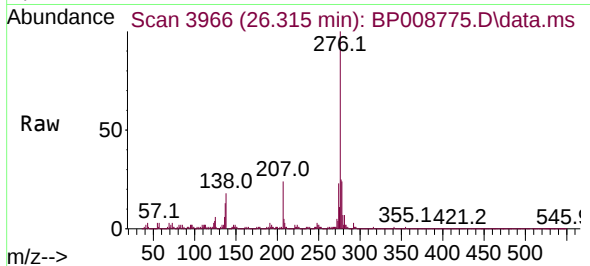




#91  
Dibenzo(a,h)anthracene  
Concen: 6.321 ng  
RT: 26.315 min Scan# 3971  
Delta R.T. -0.000 min  
Lab File: BP008775.D  
Acq: 12 Jan 2022 15:47

Instrument :  
BNA\_P  
ClientSampleId :  
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Tgt Ion:278 Resp: 838307  
Ion Ratio Lower Upper  
278 100  
139 0.0 11.5 17.3#  
279 27.7 19.1 28.7



#92  
Benzo(g,h,i)perylene  
Concen: 26.223 ng  
RT: 27.092 min Scan# 4098  
Delta R.T. 0.017 min  
Lab File: BP008775.D  
Acq: 12 Jan 2022 15:47

Tgt Ion:276 Resp: 3451893  
Ion Ratio Lower Upper  
276 100  
277 24.3 19.2 28.8  
138 18.8 15.0 22.4

