

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF060723\  
 Data File : BF133621.D  
 Acq On : 07 Jun 2023 13:12  
 Operator : CG\JU  
 Sample : 03002-09DL 10X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC02DL

Quant Time: Jun 07 13:40:53 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 07 11:27:15 2023  
 Response via : Initial Calibration

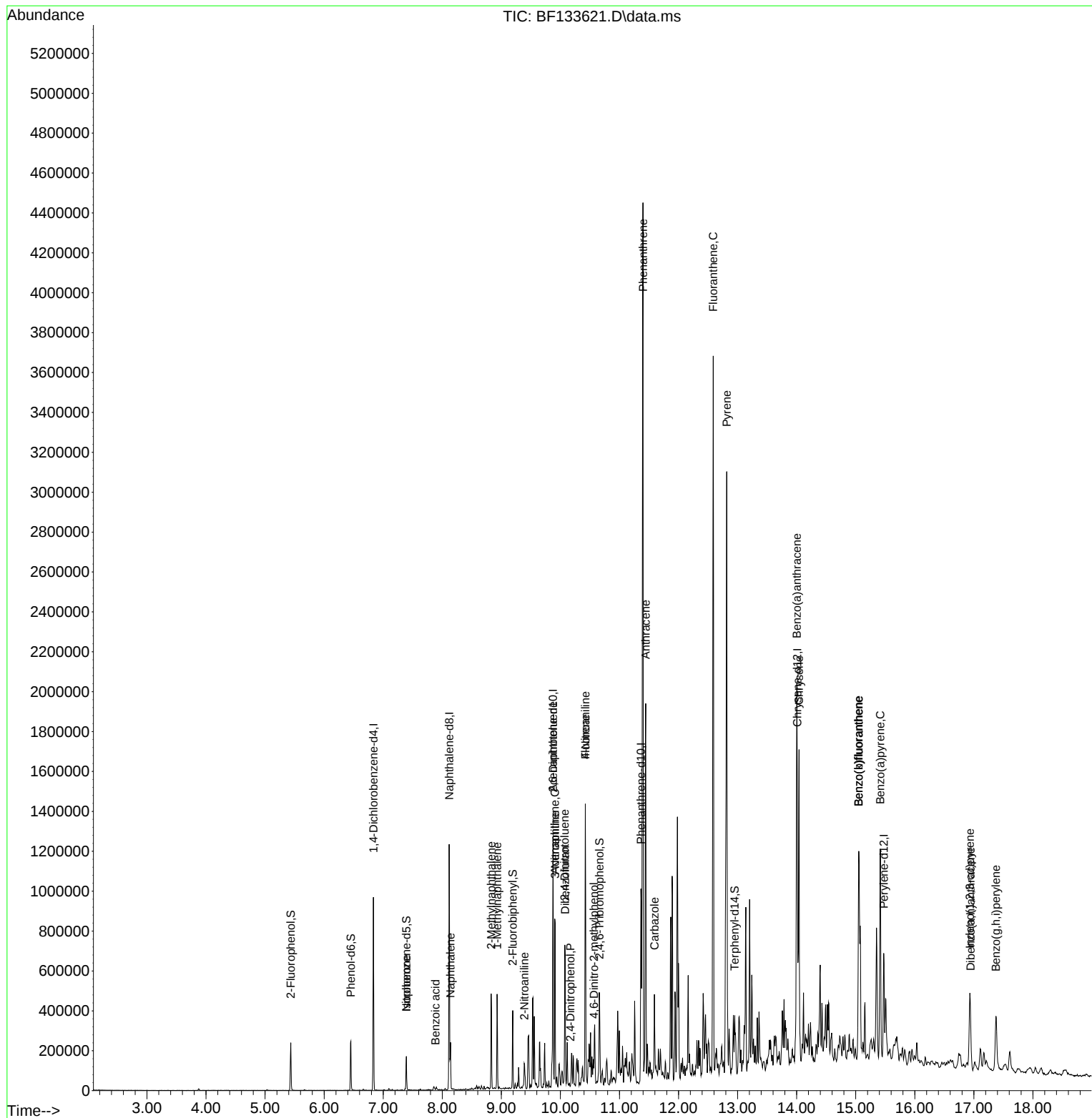
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.834  | 152  | 125898   | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.116  | 136  | 470167   | 20.000    | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.875  | 164  | 227183   | 20.000    | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.363 | 188  | 411816   | 20.000    | ng    | 0.00     |
| 76) Chrysene-d12              | 14.010 | 240  | 217880   | 20.000    | ng    | 0.00     |
| 86) Perylene-d12              | 15.474 | 264  | 245561   | 20.000    | ng    | 0.00     |
|                               |        |      |          |           |       |          |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.434  | 112  | 59957    | 7.946     | ng    | -0.01    |
| 7) Phenol-d6                  | 6.451  | 99   | 76680    | 8.255     | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 7.393  | 82   | 45160    | 6.413     | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.663 | 330  | 18332    | 8.095     | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.192  | 172  | 98899    | 6.719     | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.951 | 244  | 83643    | 6.826     | ng    | 0.00     |
|                               |        |      |          |           |       |          |
| Target Compounds              |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde               | 6.422  | 77   | 57       | Below Cal | #     | 49       |
| 25) Isophorone                | 7.393  | 82   | 45159    | 2.752     | ng    | # 65     |
| 31) Naphthalene               | 8.140  | 128  | 82444    | 3.617     | ng    | 98       |
| 32) Benzoic acid              | 7.887  | 122  | 55       | 7.359     | ng    | # 66     |
| 37) 2-Methylnaphthalene       | 8.828  | 142  | 119184   | 7.658     | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.928  | 142  | 108451   | 7.475     | ng    | 98       |
| 48) 2-Nitroaniline            | 9.392  | 65   | 1130     | 4.232     | ng    | # 22     |
| 51) 2,6-Dinitrotoluene        | 9.875  | 165  | 36429    | 14.761    | ng    | # 18     |
| 52) Acenaphthene              | 9.904  | 154  | 173042   | 12.514    | ng    | 100      |
| 53) 3-Nitroaniline            | 9.910  | 138  | 250      | 3.241     | ng    | # 32     |
| 54) 2,4-Dinitrophenol         | 10.169 | 184  | 165      | 6.655     | ng    | 94       |
| 55) Dibenzofuran              | 10.081 | 168  | 211942   | 10.302    | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 10.075 | 165  | 1790     | 5.174     | ng    | # 1      |
| 58) Fluorene                  | 10.422 | 166  | 361196   | 23.963    | ng    | 98       |
| 62) 4-Nitroaniline            | 10.422 | 138  | 4038     | 3.972     | ng    | # 25     |
| 65) 4,6-Dinitro-2-methylph... | 10.569 | 198  | 55       | 8.738     | ng    | # 1      |
| 71) Phenanthrene              | 11.398 | 178  | 1800670  | 86.329    | ng    | 99       |
| 72) Anthracene                | 11.445 | 178  | 702475   | 32.723    | ng    | 99       |
| 73) Carbazole                 | 11.592 | 167  | 134263   | 6.613     | ng    | 99       |
| 75) Fluoranthene              | 12.586 | 202  | 1558431  | 67.642    | ng    | 98       |
| 78) Pyrene                    | 12.816 | 202  | 1338320  | 72.183    | ng    | 100      |
| 81) Benzo(a)anthracene        | 14.004 | 228  | 666340   | 45.909    | ng    | 99       |
| 83) Chrysene                  | 14.039 | 228  | 580613   | 39.625    | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.933 | 276  | 249955   | 15.980    | ng    | 94       |
| 88) Benzo(b)fluoranthene      | 15.051 | 252  | 883062   | 55.225    | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.051 | 252  | 883062   | 56.637    | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.416 | 252  | 506103   | 34.783    | ng    | 96       |
| 91) Dibenzo(a,h)anthracene    | 16.945 | 278  | 72122    | 5.687     | ng    | # 91     |
| 92) Benzo(g,h,i)perylene      | 17.374 | 276  | 216097   | 16.899    | ng    | 99       |
| -----                         |        |      |          |           |       |          |

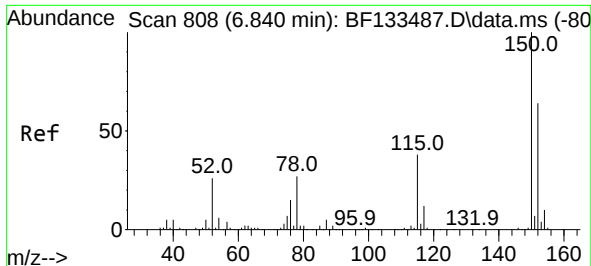
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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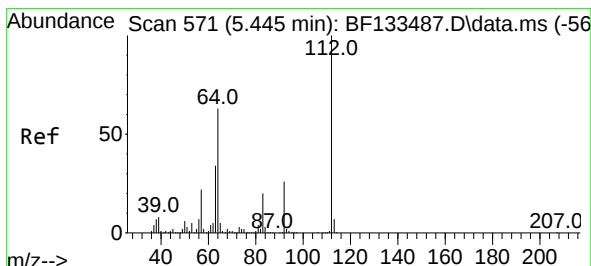
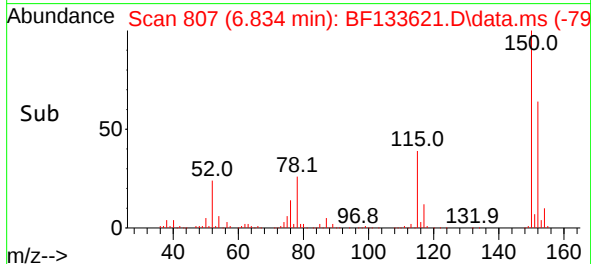
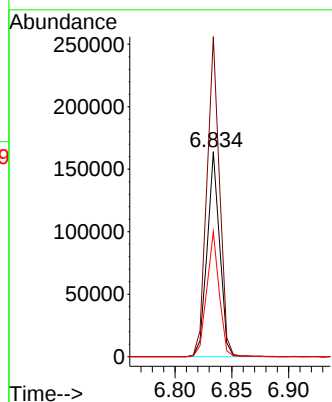
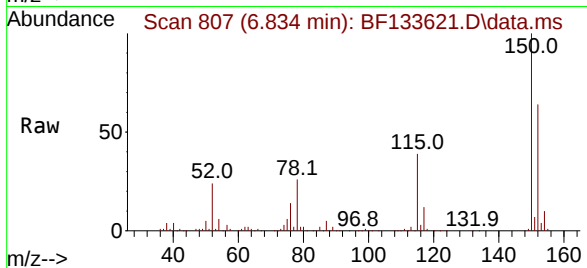




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.834 min Scan# 80  
 Delta R.T. -0.005 min  
 Lab File: BF133621.D  
 Acq: 07 Jun 2023 13:12

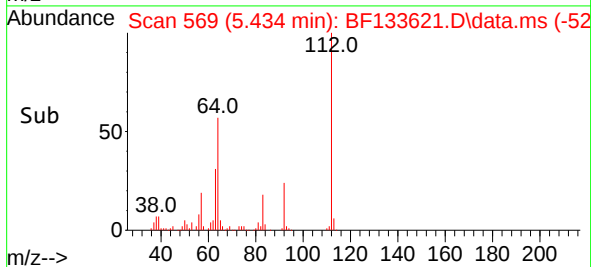
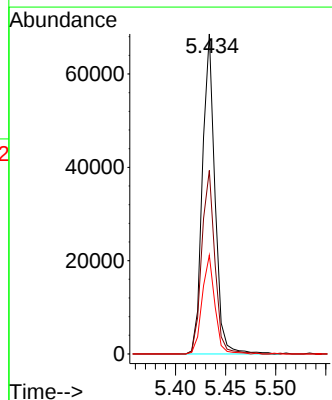
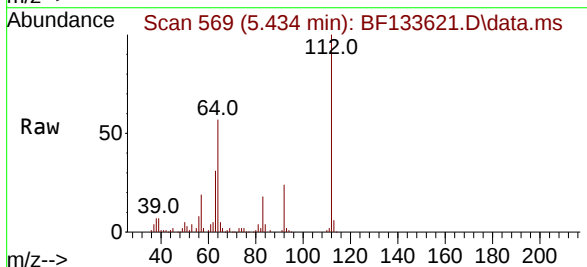
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC02DL

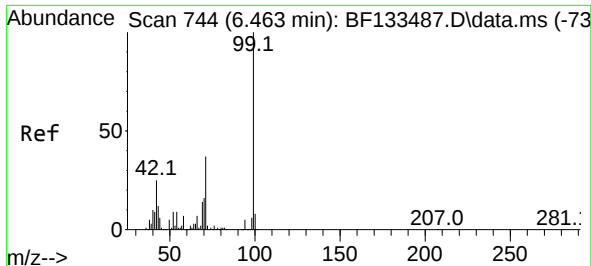
Tgt Ion:152 Resp: 125898  
 Ion Ratio Lower Upper  
 152 100  
 150 156.2 124.9 187.3  
 115 61.0 48.1 72.1



#5  
 2-Fluorophenol  
 Concen: 7.946 ng  
 RT: 5.434 min Scan# 569  
 Delta R.T. -0.012 min  
 Lab File: BF133621.D  
 Acq: 07 Jun 2023 13:12

Tgt Ion:112 Resp: 59957  
 Ion Ratio Lower Upper  
 112 100  
 64 57.4 50.1 75.1  
 63 30.9 27.5 41.3

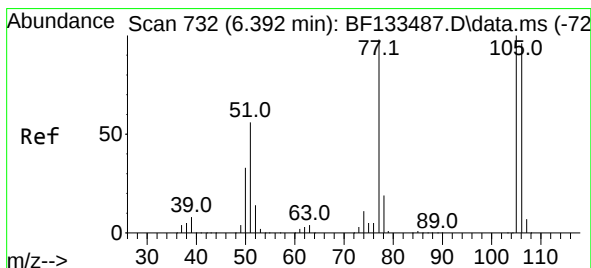
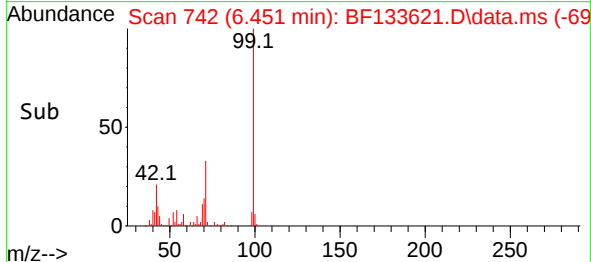
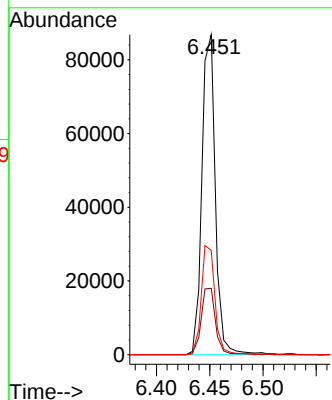
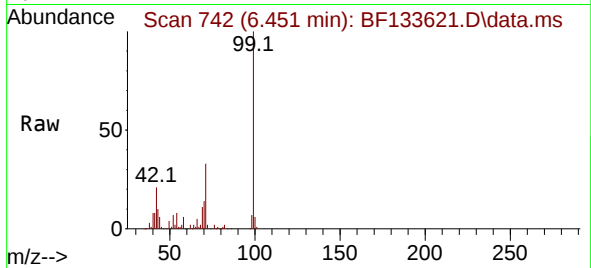




#7  
Phenol-d6  
Concen: 8.255 ng  
RT: 6.451 min Scan# 744  
Delta R.T. -0.017 min  
Lab File: BF133621.D  
Acq: 07 Jun 2023 13:12

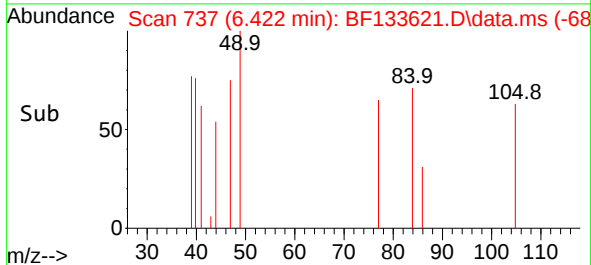
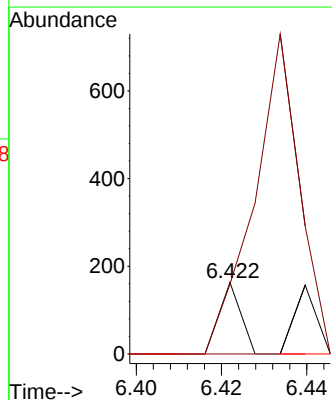
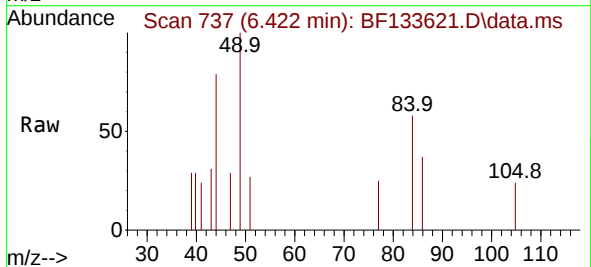
Instrument :  
BNA\_F  
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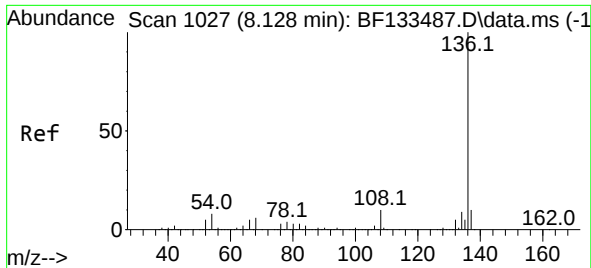
Tgt Ion: 99 Resp: 76680  
Ion Ratio Lower Upper  
99 100  
42 20.8 19.7 29.5  
71 32.6 29.8 44.8



#9  
Benzaldehyde  
Concen: Below Cal  
RT: 6.422 min Scan# 737  
Delta R.T. 0.035 min  
Lab File: BF133621.D  
Acq: 07 Jun 2023 13:12

Tgt Ion: 77 Resp: 57  
Ion Ratio Lower Upper  
77 100  
105 97.5 81.9 121.9  
106 0.0 77.8 117.8#



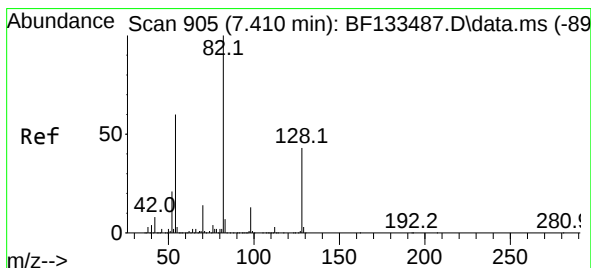
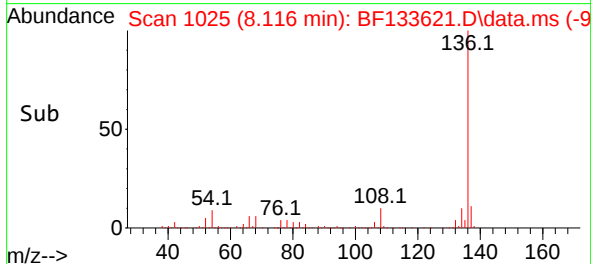
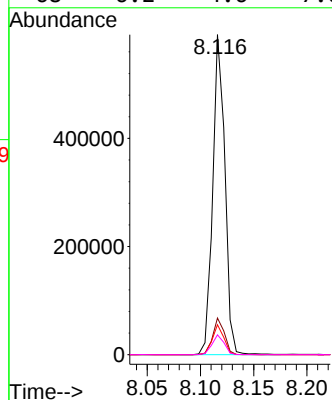
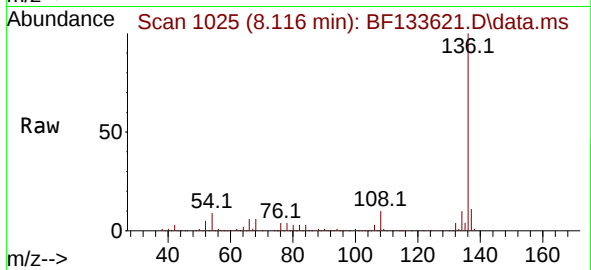


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.116 min Scan# 1025  
Delta R.T. -0.006 min  
Lab File: BF133621.D  
Acq: 07 Jun 2023 13:12

Instrument :  
BNA\_F  
ClientSampleId :  
WC02DL

Tgt Ion:136 Resp: 470167

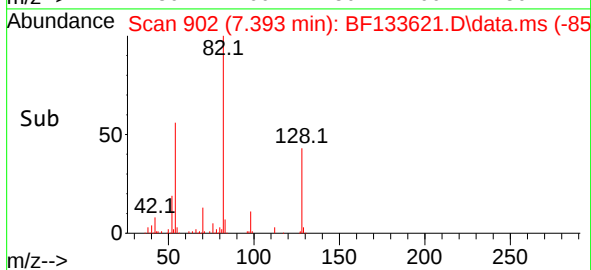
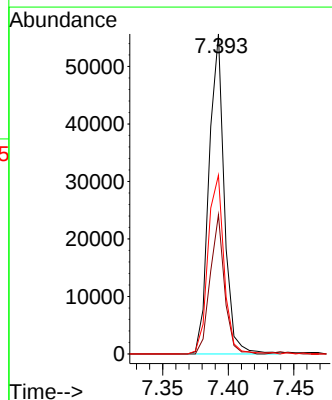
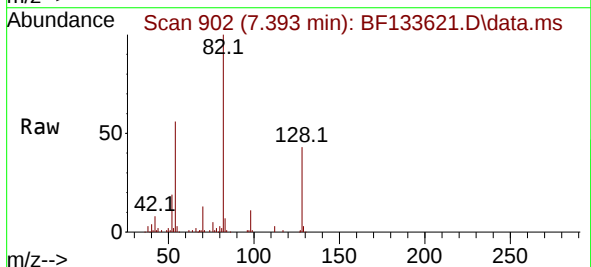
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.4  | 8.2   | 12.4  |
| 54  | 9.4   | 6.6   | 10.0  |
| 68  | 6.2   | 4.6   | 7.0   |

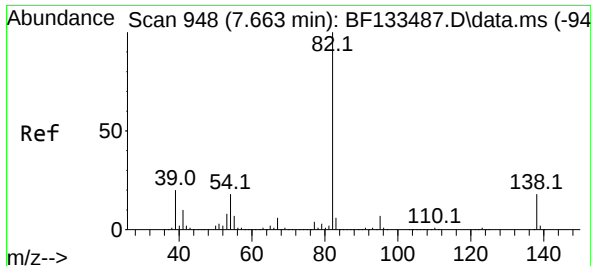


#23  
Nitrobenzene-d5  
Concen: 6.413 ng  
RT: 7.393 min Scan# 902  
Delta R.T. -0.012 min  
Lab File: BF133621.D  
Acq: 07 Jun 2023 13:12

Tgt Ion: 82 Resp: 45160

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 43.5  | 34.2  | 51.4  |
| 54  | 55.8  | 48.2  | 72.4  |

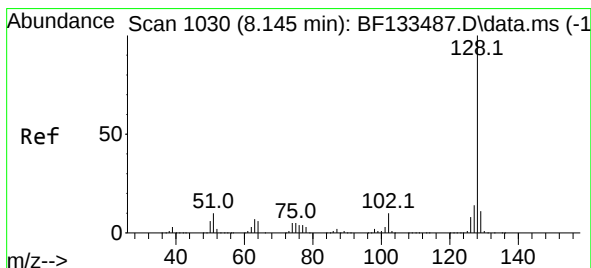
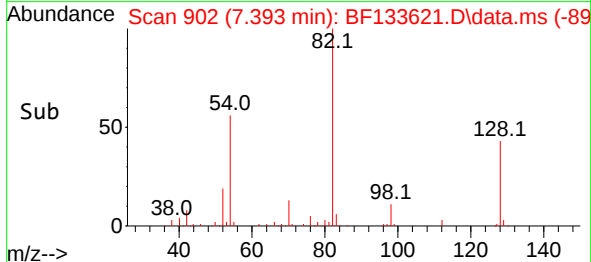
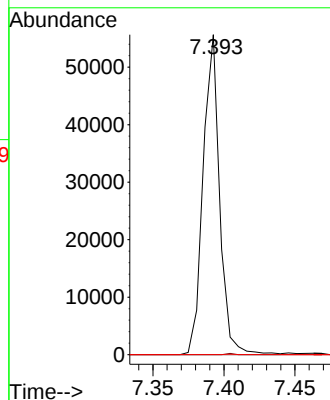
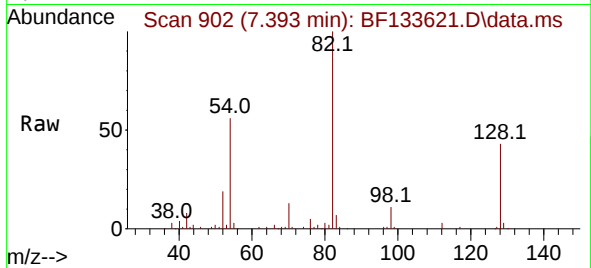




#25  
Isophorone  
Concen: 2.752 ng  
RT: 7.393 min Scan# 90  
Delta R.T. -0.270 min  
Lab File: BF133621.D  
Acq: 07 Jun 2023 13:12

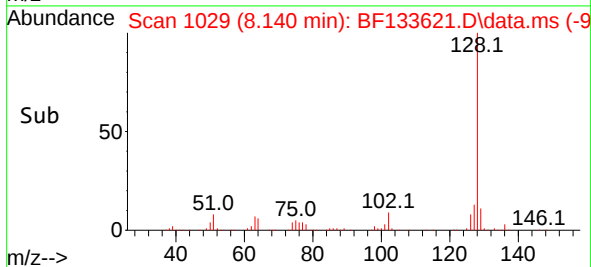
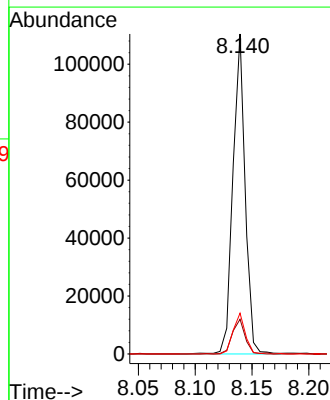
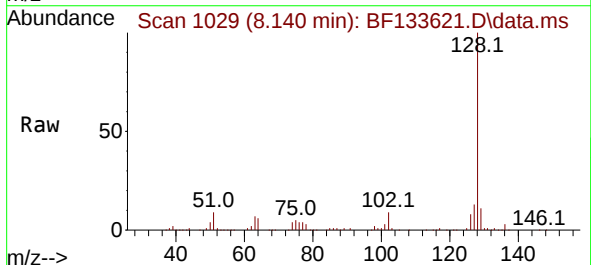
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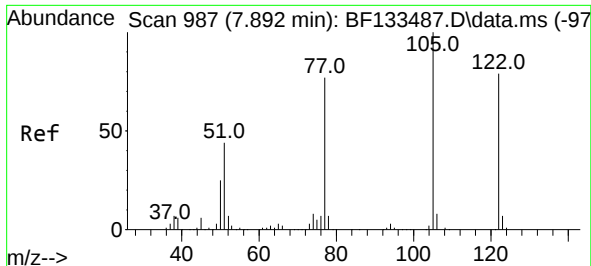
Tgt Ion: 82 Resp: 45159  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.7 8.5#  
138 0.0 14.2 21.4#



#31  
Naphthalene  
Concen: 3.617 ng  
RT: 8.140 min Scan# 1029  
Delta R.T. -0.006 min  
Lab File: BF133621.D  
Acq: 07 Jun 2023 13:12

Tgt Ion: 128 Resp: 82444  
Ion Ratio Lower Upper  
128 100  
129 10.9 9.2 13.8  
127 12.7 10.9 16.3

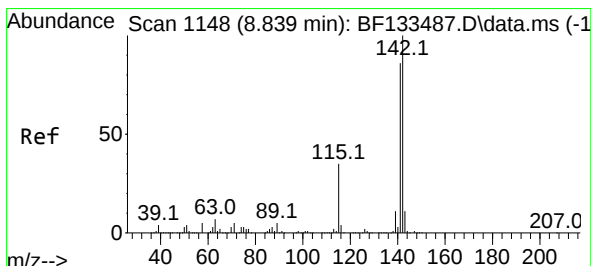
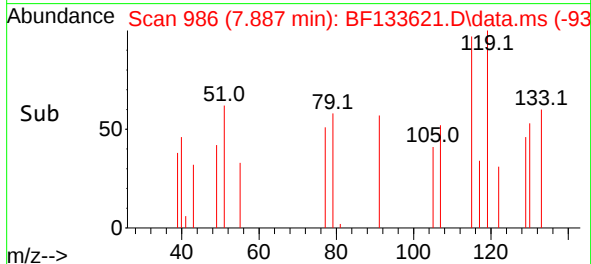
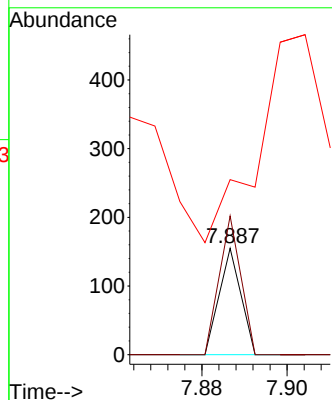
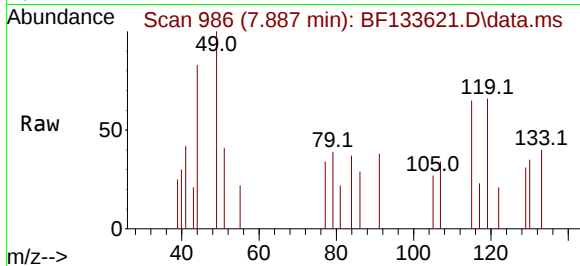




#32  
Benzoic acid  
Concen: 7.359 ng  
RT: 7.887 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF133621.D  
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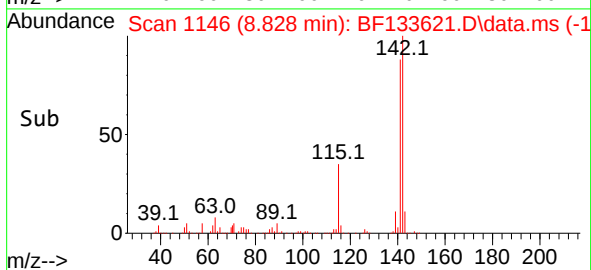
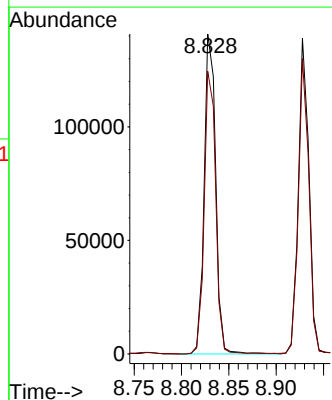
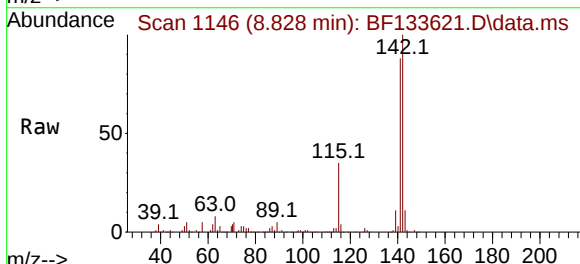
Instrument :  
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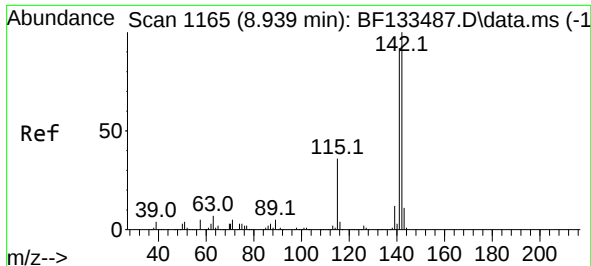
Tgt Ion:122 Resp: 55  
Ion Ratio Lower Upper  
122 100  
105 130.3 103.3 143.3  
77 164.5 75.7 115.7#



#37  
2-Methylnaphthalene  
Concen: 7.658 ng  
RT: 8.828 min Scan# 1146  
Delta R.T. -0.006 min  
Lab File: BF133621.D  
Acq: 07 Jun 2023 13:12

Tgt Ion:142 Resp: 119184  
Ion Ratio Lower Upper  
142 100  
141 88.3 69.2 103.8





#38

1-Methylnaphthalene

Concen: 7.475 ng

RT: 8.928 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF133621.D

Acq: 07 Jun 2023 13:12

Instrument :

BNA\_F

ClientSampleId :

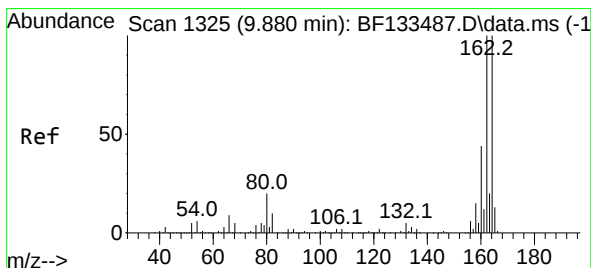
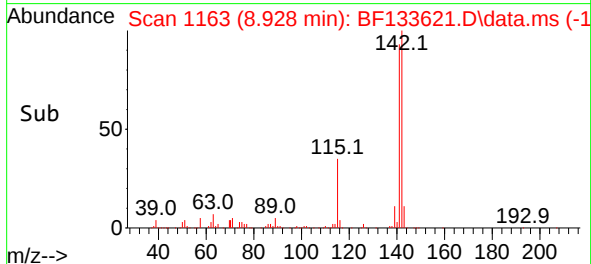
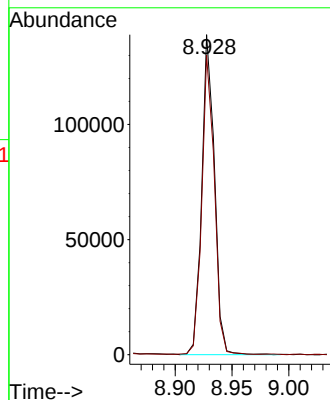
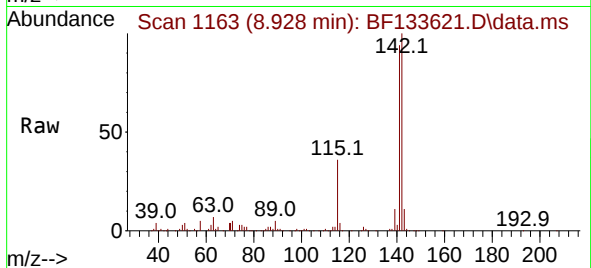
WC02DL

Tgt Ion:142 Resp: 108451

Ion Ratio Lower Upper

142 100

141 93.6 73.6 110.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF133621.D

Acq: 07 Jun 2023 13:12

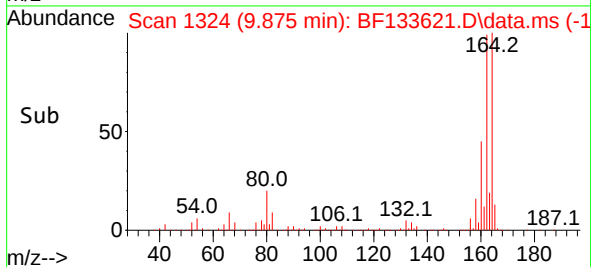
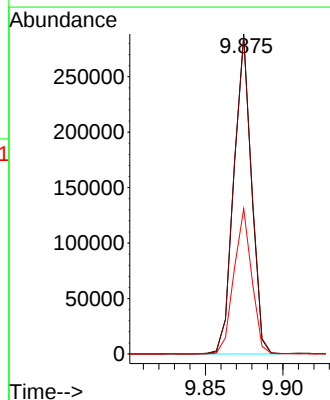
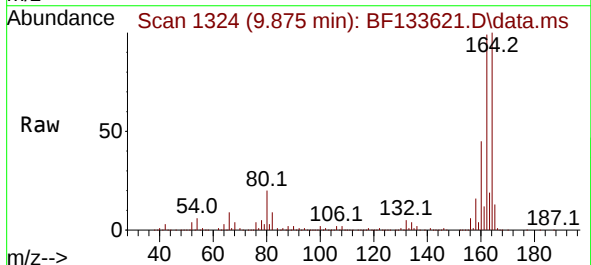
Tgt Ion:164 Resp: 227183

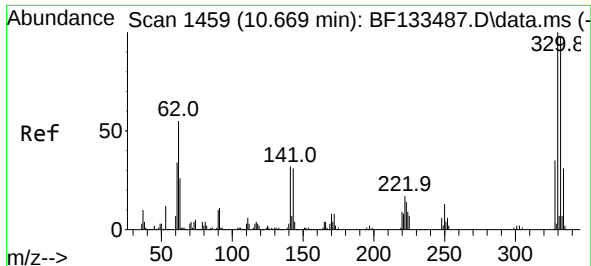
Ion Ratio Lower Upper

164 100

162 99.0 79.7 119.5

160 45.4 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 8.095 ng

RT: 10.663 min Scan# 1459

Delta R.T. -0.006 min

Lab File: BF133621.D

Acq: 07 Jun 2023 13:12

Instrument :

BNA\_F

ClientSampleId :

WC02DL

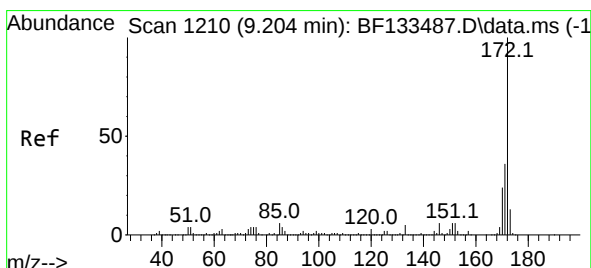
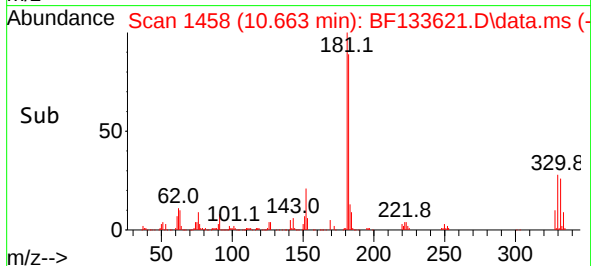
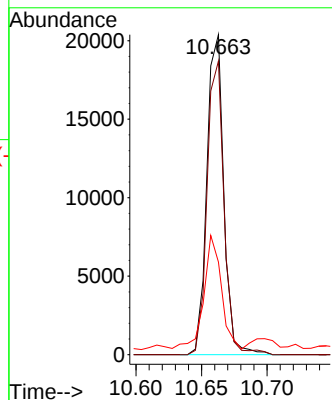
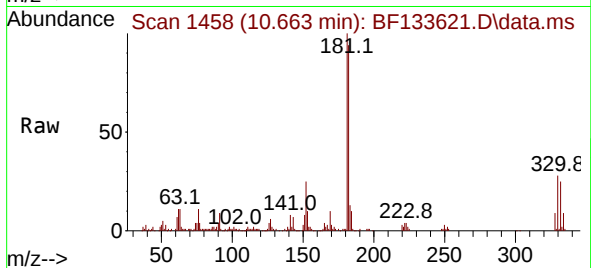
Tgt Ion:330 Resp: 18332

Ion Ratio Lower Upper

330 100

332 91.9 77.8 116.6

141 36.6 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 6.719 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF133621.D

Acq: 07 Jun 2023 13:12

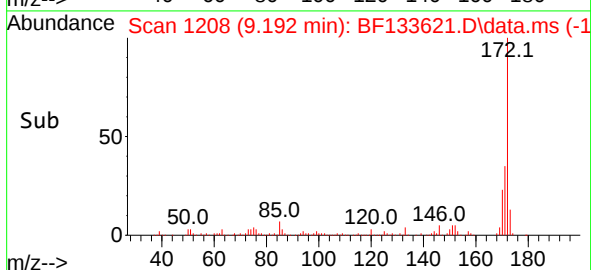
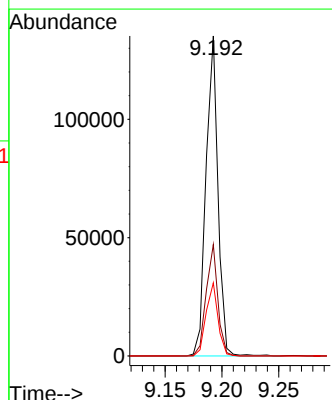
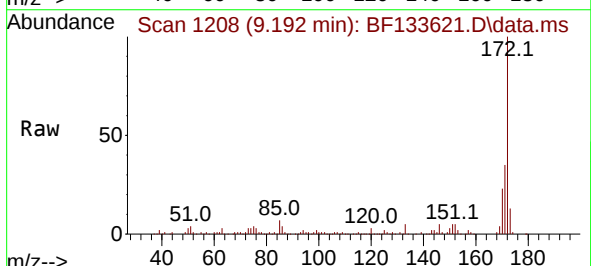
Tgt Ion:172 Resp: 98899

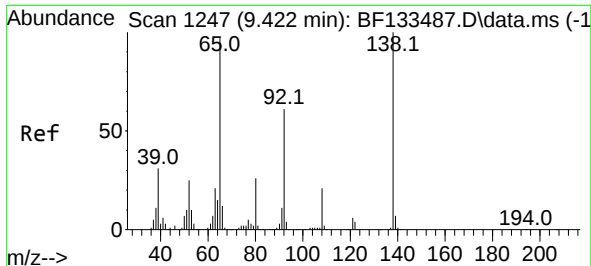
Ion Ratio Lower Upper

172 100

171 34.8 28.4 42.6

170 22.9 19.3 28.9

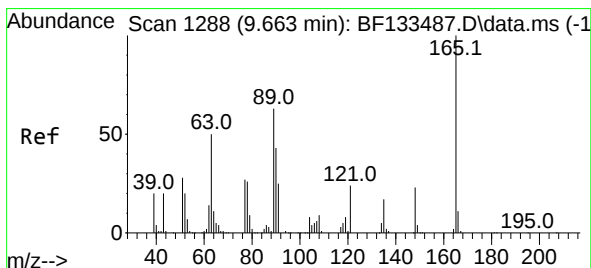
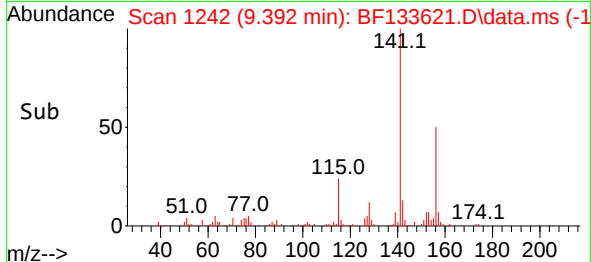
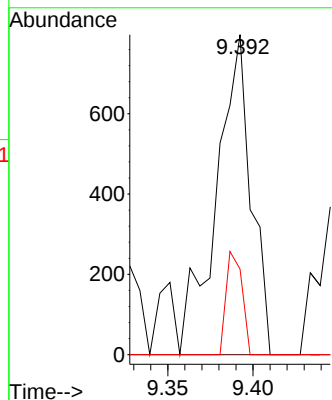
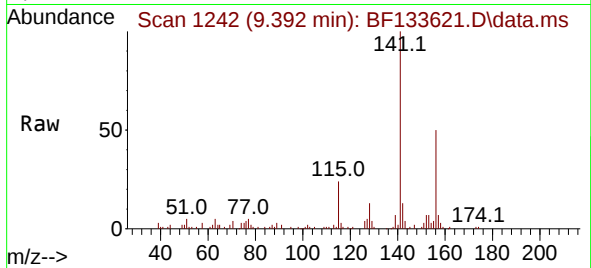




#48  
2-Nitroaniline  
Concen: 4.232 ng  
RT: 9.392 min Scan# 1130  
Delta R.T. -0.029 min  
Lab File: BF133621.D  
Acq: 07 Jun 2023 13:12

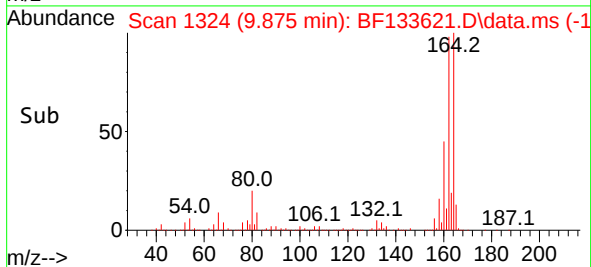
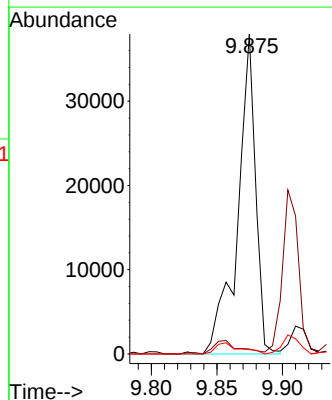
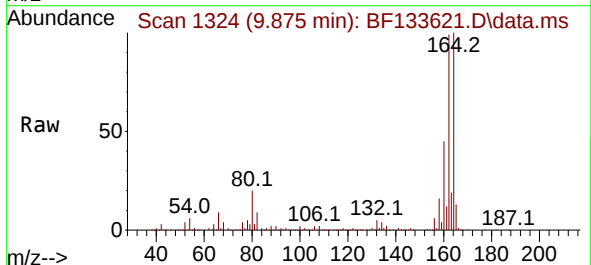
Instrument :  
BNA\_F  
ClientSampleId :  
WC02DL

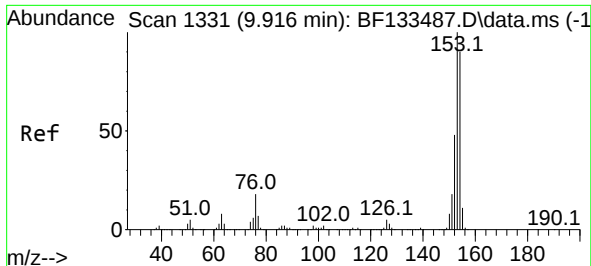
Tgt Ion: 65 Resp: 1130  
Ion Ratio Lower Upper  
65 100  
92 0.0 50.8 76.2#  
138 26.7 82.6 124.0#



#51  
2,6-Dinitrotoluene  
Concen: 14.761 ng  
RT: 9.875 min Scan# 1324  
Delta R.T. 0.212 min  
Lab File: BF133621.D  
Acq: 07 Jun 2023 13:12

Tgt Ion:165 Resp: 36429  
Ion Ratio Lower Upper  
165 100  
63 1.6 57.0 85.4#  
89 1.3 50.8 76.2#

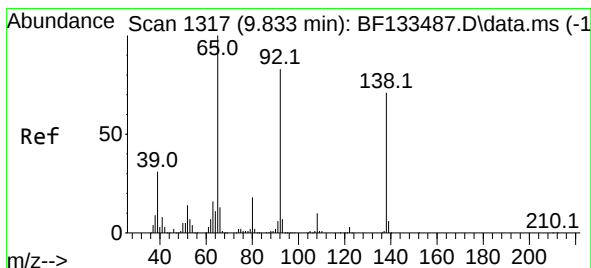
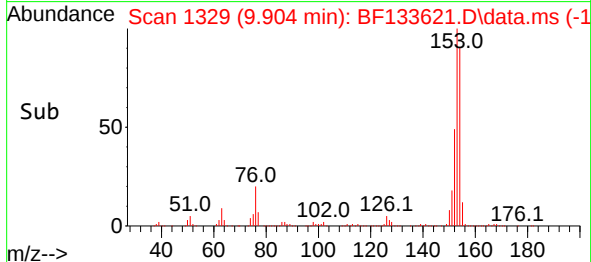
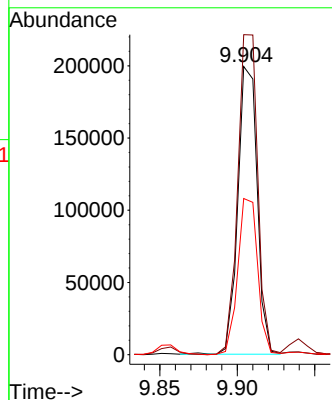
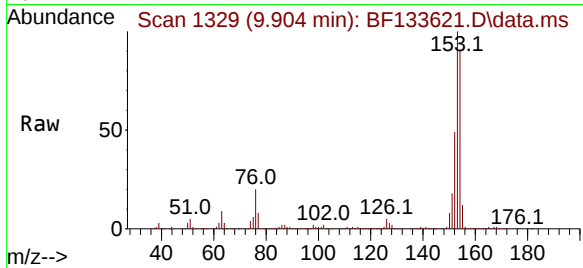




#52  
Acenaphthene  
Concen: 12.514 ng  
RT: 9.904 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF133621.D  
Acq: 07 Jun 2023 13:12

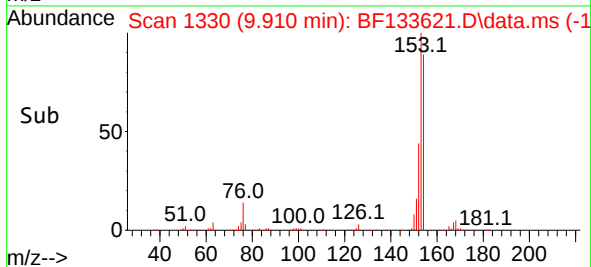
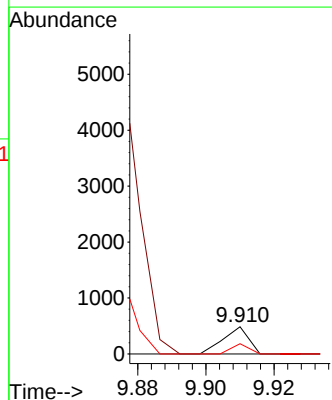
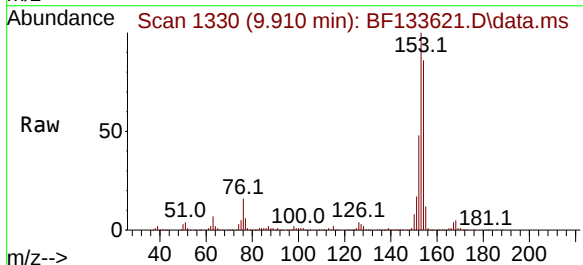
Instrument :  
BNA\_F  
ClientSampleId :  
WC02DL

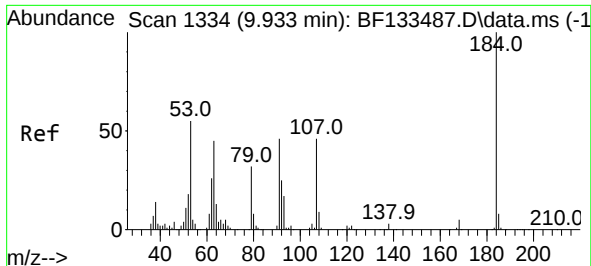
Tgt Ion:154 Resp: 173042  
Ion Ratio Lower Upper  
154 100  
153 111.1 89.2 133.8  
152 54.2 43.1 64.7



#53  
3-Nitroaniline  
Concen: 3.241 ng  
RT: 9.910 min Scan# 1330  
Delta R.T. 0.077 min  
Lab File: BF133621.D  
Acq: 07 Jun 2023 13:12

Tgt Ion:138 Resp: 250  
Ion Ratio Lower Upper  
138 100  
108 0.0 11.9 17.9#  
92 37.5 93.1 139.7#

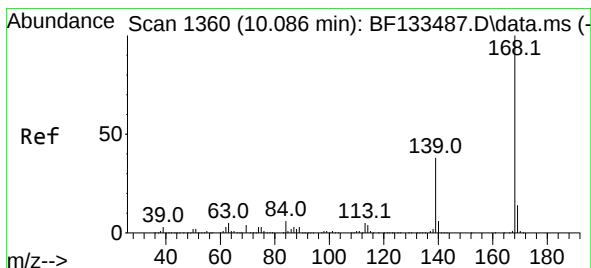
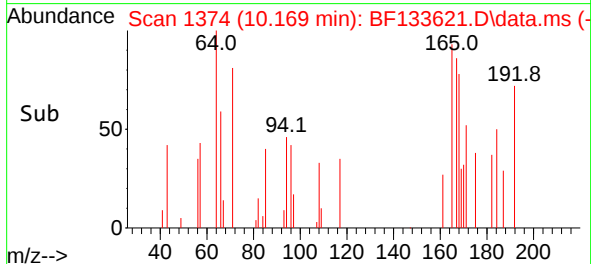
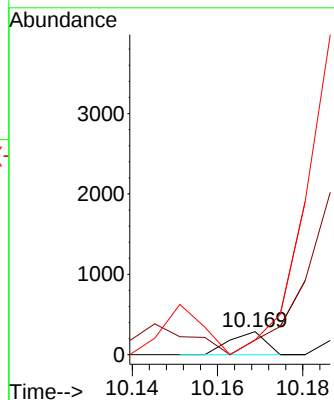
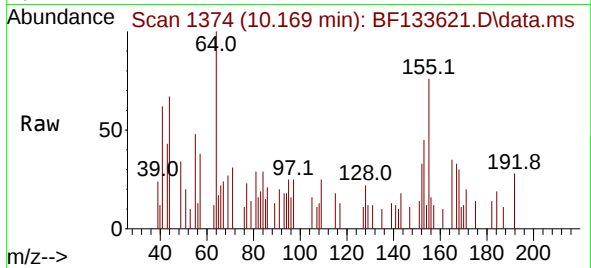




#54  
2,4-Dinitrophenol  
Concen: 6.655 ng  
RT: 10.169 min Scan# 1374  
Delta R.T. 0.230 min  
Lab File: BF133621.D  
Acq: 07 Jun 2023 13:12

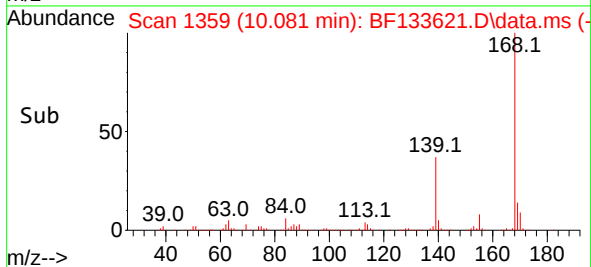
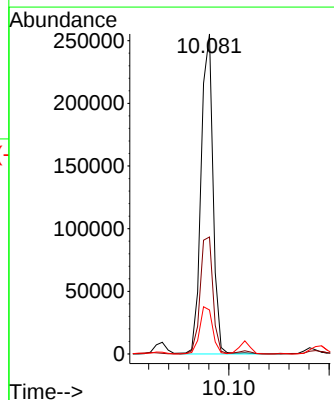
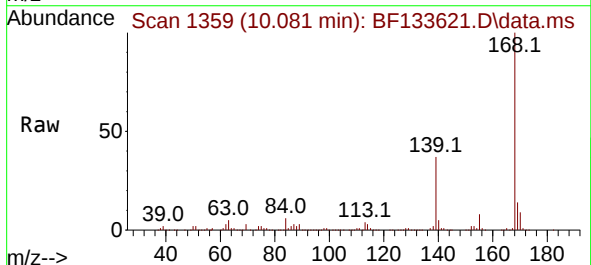
Instrument :  
BNA\_F  
ClientSampleId :  
WC02DL

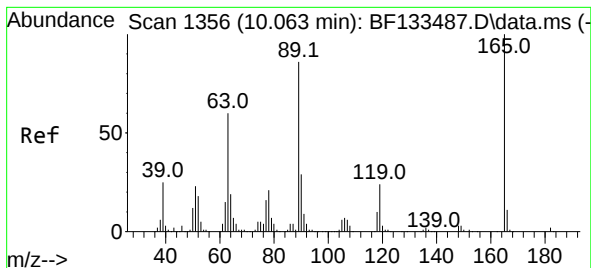
Tgt Ion:184 Resp: 165  
Ion Ratio Lower Upper  
184 100  
63 63.3 55.7 83.5  
154 64.0 49.3 73.9



#55  
Dibenzofuran  
Concen: 10.302 ng  
RT: 10.081 min Scan# 1359  
Delta R.T. -0.006 min  
Lab File: BF133621.D  
Acq: 07 Jun 2023 13:12

Tgt Ion:168 Resp: 211942  
Ion Ratio Lower Upper  
168 100  
139 36.5 30.6 46.0  
169 13.8 10.9 16.3





#57

2,4-Dinitrotoluene

Concen: 5.174 ng

RT: 10.075 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF133621.D

Acq: 07 Jun 2023 13:12

Instrument :

BNA\_F

ClientSampleId :

WC02DL

Tgt Ion:165 Resp: 1790

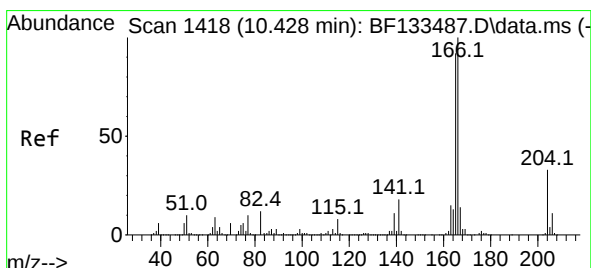
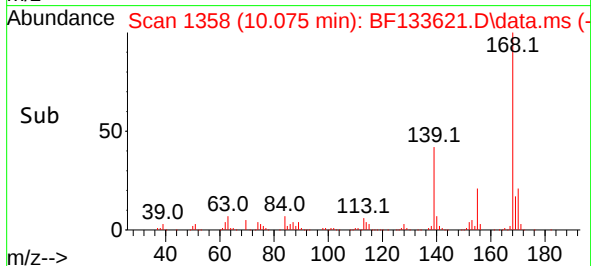
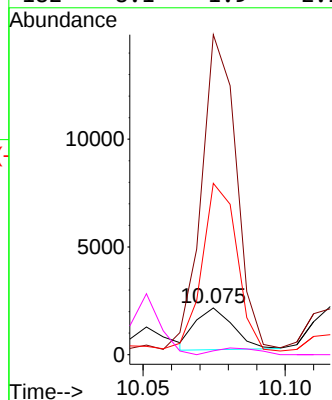
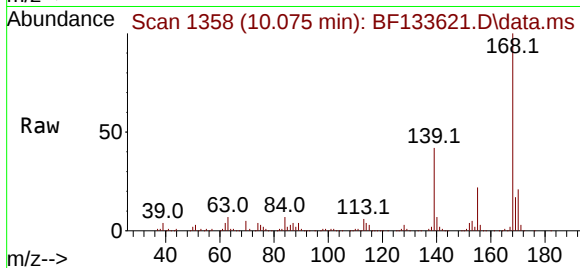
Ion Ratio Lower Upper

165 100

63 684.4 48.1 72.1#

89 366.6 68.4 102.6#

182 8.1 1.9 2.9#



#58

Fluorene

Concen: 23.963 ng

RT: 10.422 min Scan# 1417

Delta R.T. -0.006 min

Lab File: BF133621.D

Acq: 07 Jun 2023 13:12

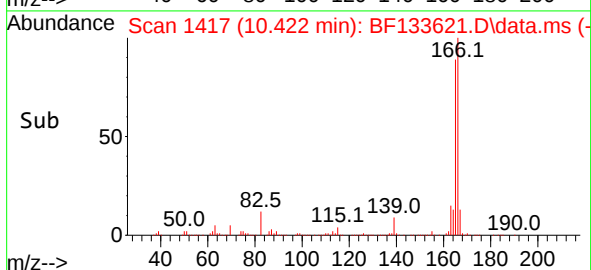
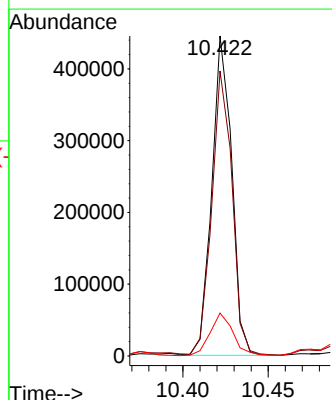
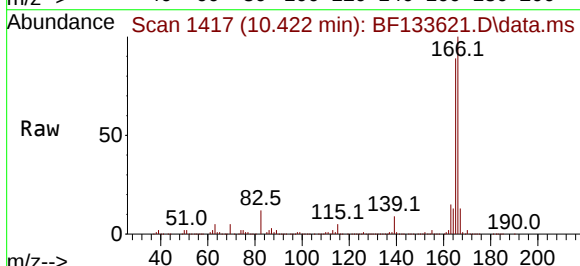
Tgt Ion:166 Resp: 361196

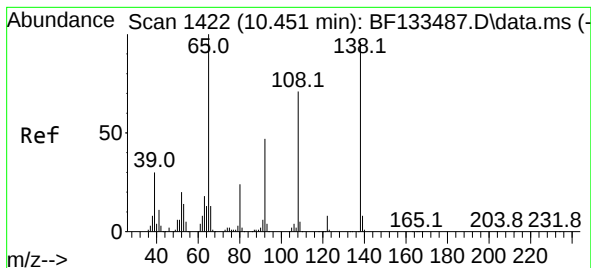
Ion Ratio Lower Upper

166 100

165 89.0 73.4 110.0

167 13.4 10.9 16.3

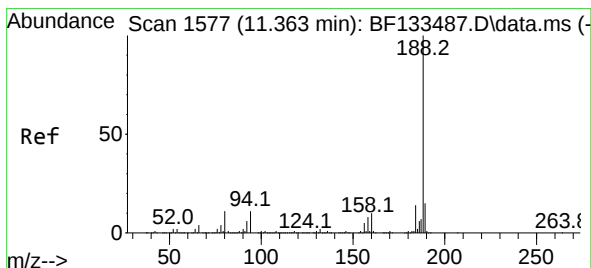
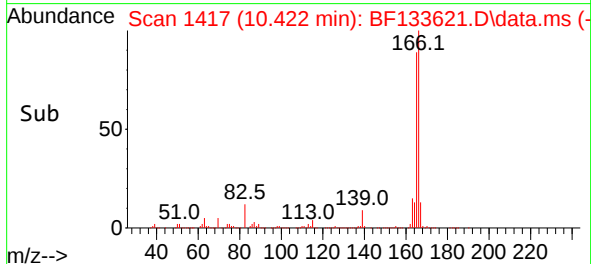
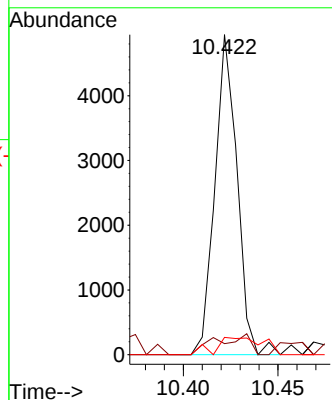
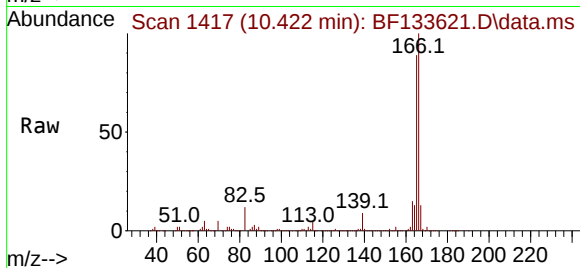




#62  
4-Nitroaniline  
Concen: 3.972 ng  
RT: 10.422 min Scan# 1422  
Delta R.T. -0.029 min  
Lab File: BF133621.D  
Acq: 07 Jun 2023 13:12

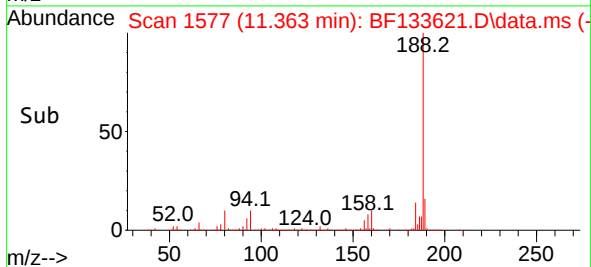
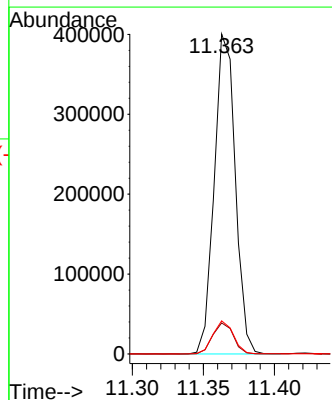
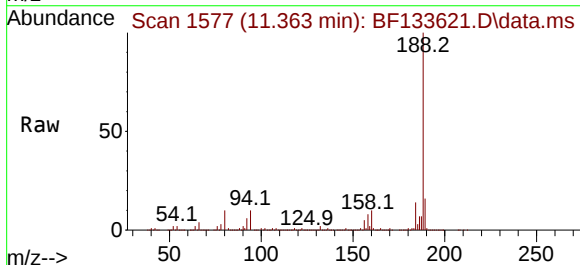
Instrument :  
BNA\_F  
ClientSampleId :  
WC02DL

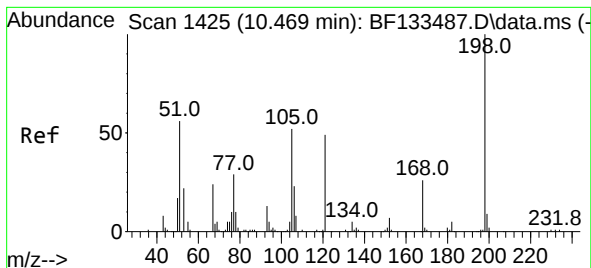
Tgt Ion:138 Resp: 4038  
Ion Ratio Lower Upper  
138 100  
92 3.5 28.4 68.4#  
108 5.4 54.2 94.2#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.363 min Scan# 1577  
Delta R.T. -0.006 min  
Lab File: BF133621.D  
Acq: 07 Jun 2023 13:12

Tgt Ion:188 Resp: 411816  
Ion Ratio Lower Upper  
188 100  
94 9.7 8.6 12.8  
80 10.4 9.2 13.8

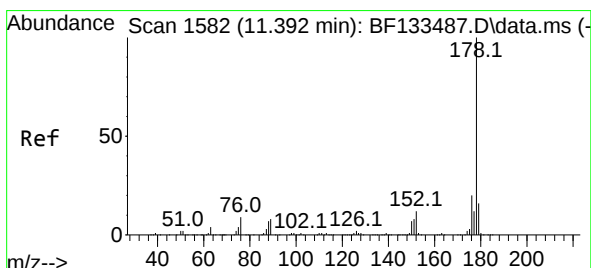
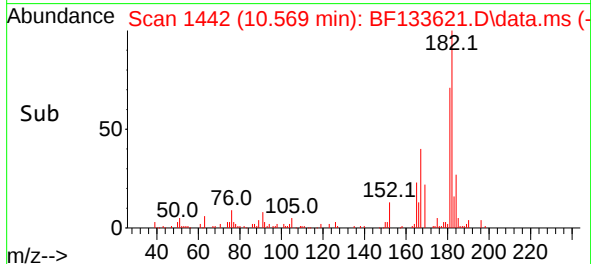
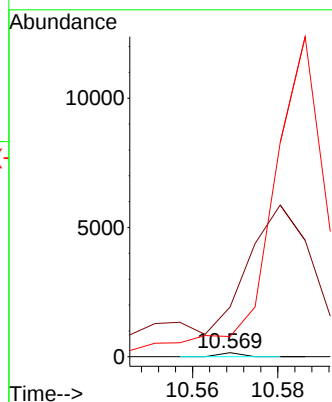
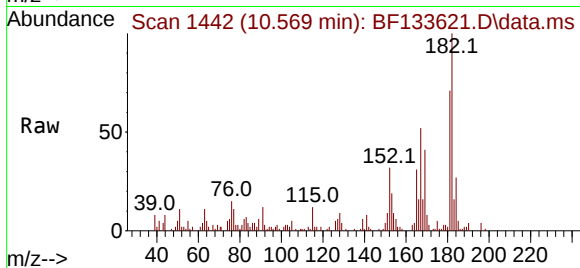




#65  
4,6-Dinitro-2-methylphenol  
Concen: 8.738 ng  
RT: 10.569 min Scan# 1425  
Delta R.T. 0.088 min  
Lab File: BF133621.D  
Acq: 07 Jun 2023 13:12

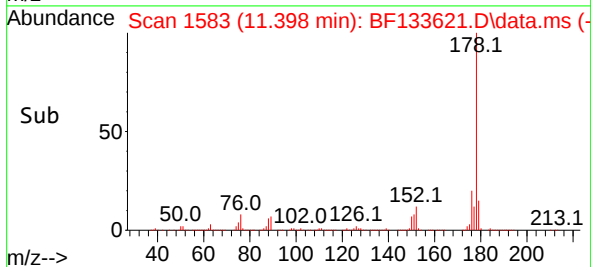
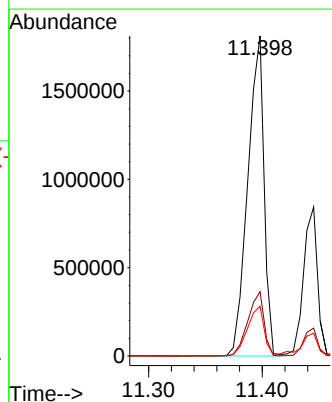
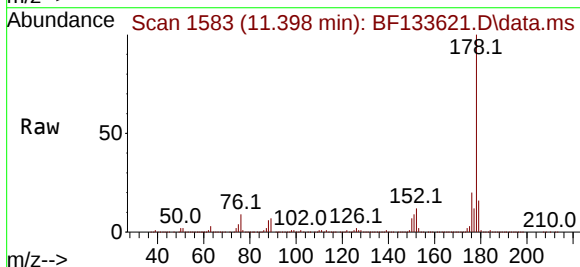
Instrument :  
BNA\_F  
ClientSampleId :  
WC02DL

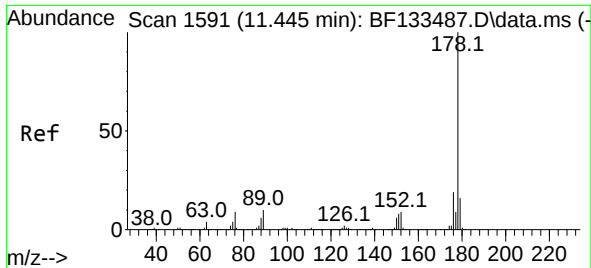
Tgt Ion:198 Resp: 55  
Ion Ratio Lower Upper  
198 100  
51 1235.9 53.6 93.6#  
105 500.0 35.9 75.9#



#71  
Phenanthrene  
Concen: 86.329 ng  
RT: 11.398 min Scan# 1583  
Delta R.T. 0.006 min  
Lab File: BF133621.D  
Acq: 07 Jun 2023 13:12

Tgt Ion:178 Resp: 1800670  
Ion Ratio Lower Upper  
178 100  
176 20.1 15.6 23.4  
179 15.6 12.4 18.6

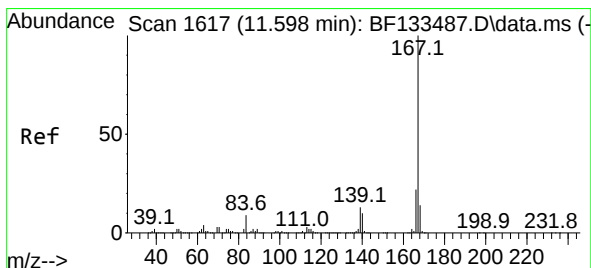
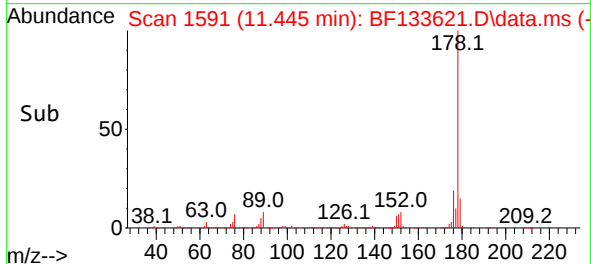
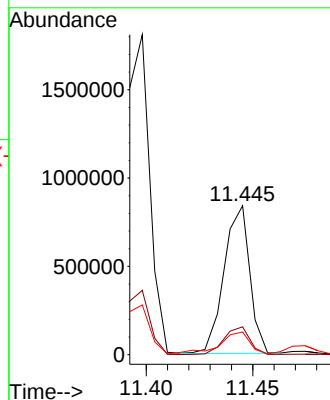
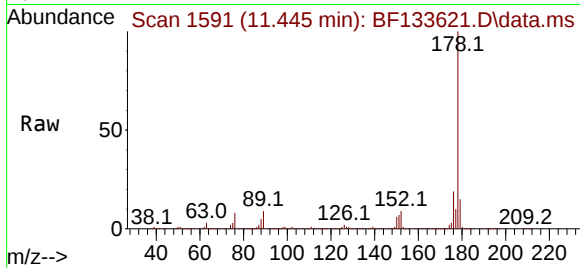




#72  
 Anthracene  
 Concen: 32.723 ng  
 RT: 11.445 min Scan# 1591  
 Delta R.T. 0.000 min  
 Lab File: BF133621.D  
 Acq: 07 Jun 2023 13:12

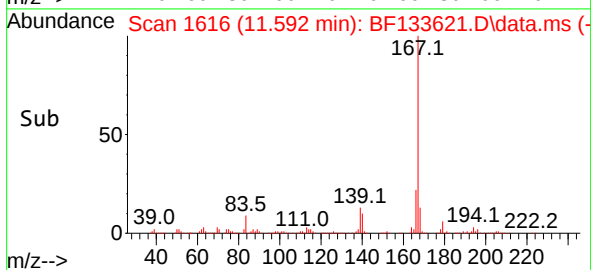
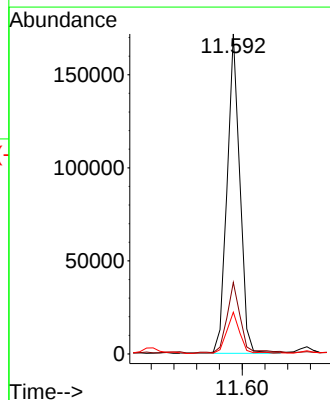
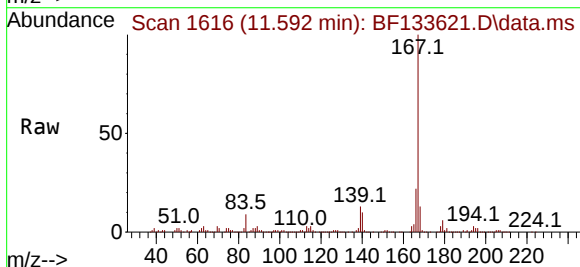
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC02DL

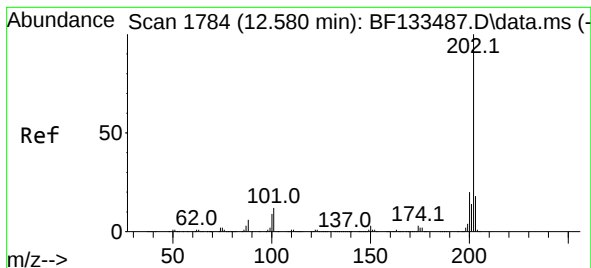
Tgt Ion:178 Resp: 702475  
 Ion Ratio Lower Upper  
 178 100  
 176 18.7 15.3 22.9  
 179 15.3 12.6 18.8



#73  
 Carbazole  
 Concen: 6.613 ng  
 RT: 11.592 min Scan# 1616  
 Delta R.T. -0.006 min  
 Lab File: BF133621.D  
 Acq: 07 Jun 2023 13:12

Tgt Ion:167 Resp: 134263  
 Ion Ratio Lower Upper  
 167 100  
 166 22.4 17.3 25.9  
 139 13.0 10.7 16.1





#75

Fluoranthene

Concen: 67.642 ng

RT: 12.586 min Scan# 1785

Delta R.T. 0.000 min

Lab File: BF133621.D

Acq: 07 Jun 2023 13:12

Instrument :

BNA\_F

ClientSampleId :

WC02DL

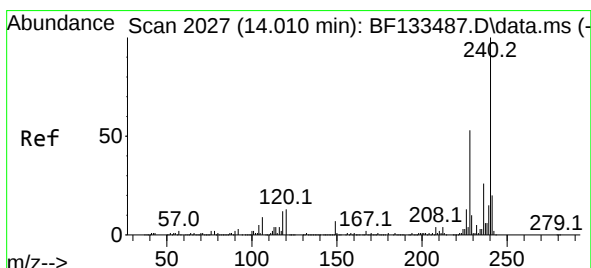
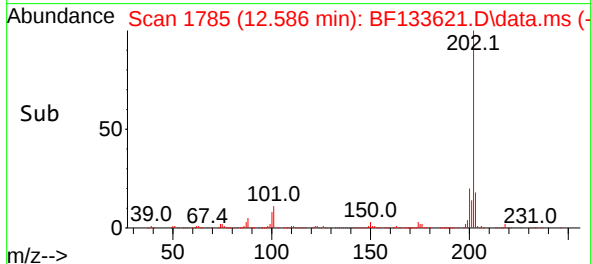
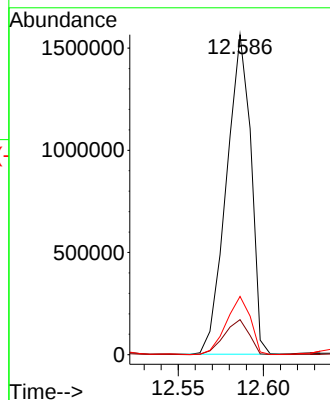
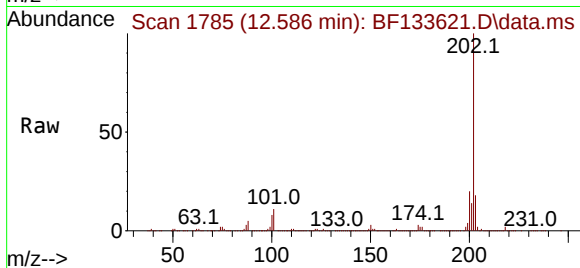
Tgt Ion:202 Resp: 1558431

Ion Ratio Lower Upper

202 100

101 11.0 0.0 32.2

203 18.2 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF133621.D

Acq: 07 Jun 2023 13:12

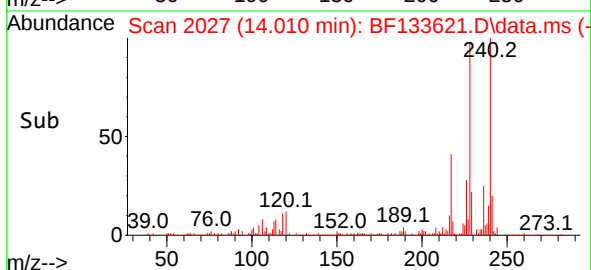
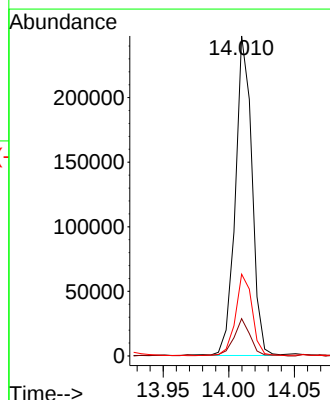
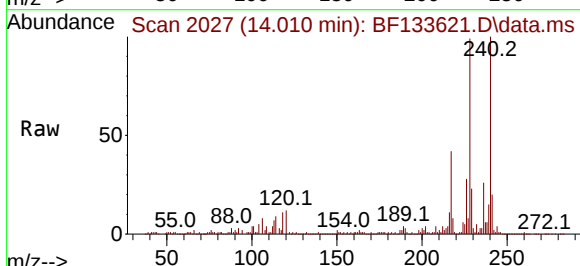
Tgt Ion:240 Resp: 217880

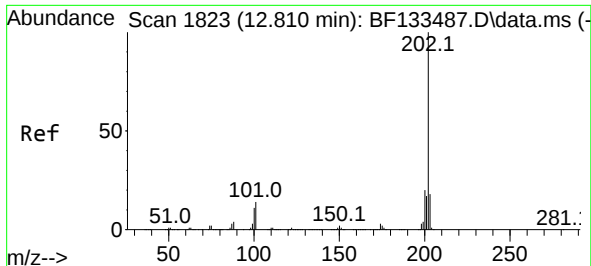
Ion Ratio Lower Upper

240 100

120 11.7 10.3 15.5

236 25.5 20.5 30.7

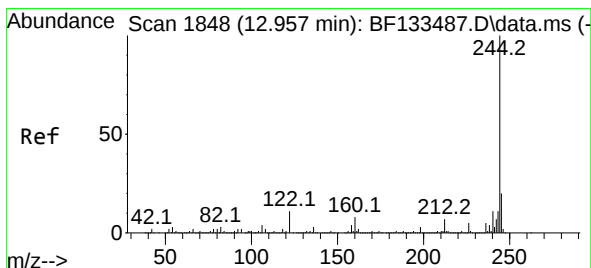
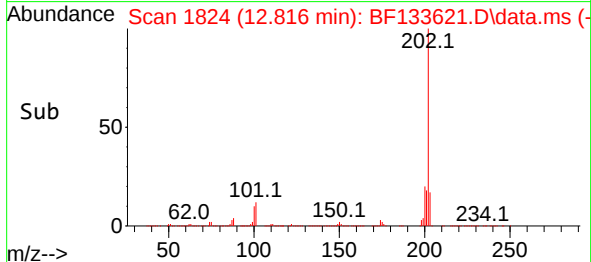
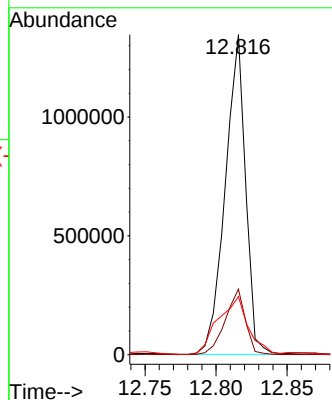
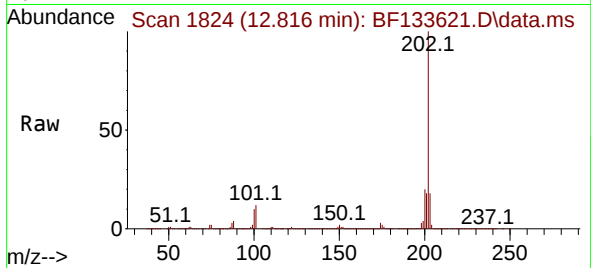




#78  
Pyrene  
Concen: 72.183 ng  
RT: 12.816 min Scan# 1823  
Delta R.T. 0.000 min  
Lab File: BF133621.D  
Acq: 07 Jun 2023 13:12

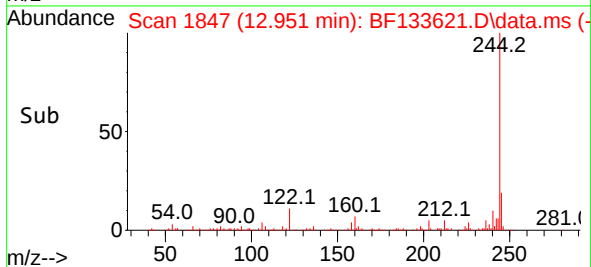
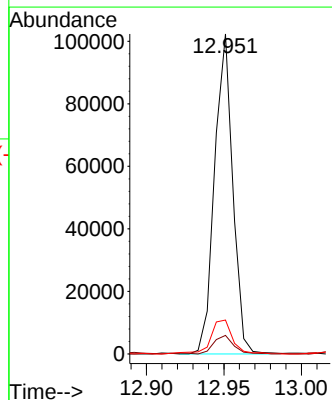
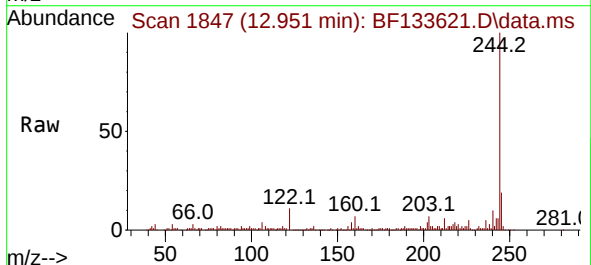
Instrument :  
BNA\_F  
ClientSampleId :  
WC02DL

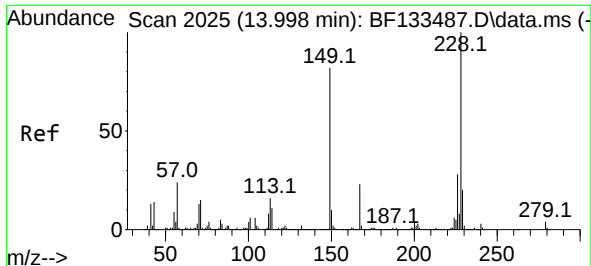
Tgt Ion:202 Resp: 1338320  
Ion Ratio Lower Upper  
202 100  
200 20.5 16.3 24.5  
203 18.1 14.3 21.5



#79  
Terphenyl-d14  
Concen: 6.826 ng  
RT: 12.951 min Scan# 1847  
Delta R.T. -0.006 min  
Lab File: BF133621.D  
Acq: 07 Jun 2023 13:12

Tgt Ion:244 Resp: 83643  
Ion Ratio Lower Upper  
244 100  
212 5.8 5.8 8.6  
122 10.6 8.5 12.7

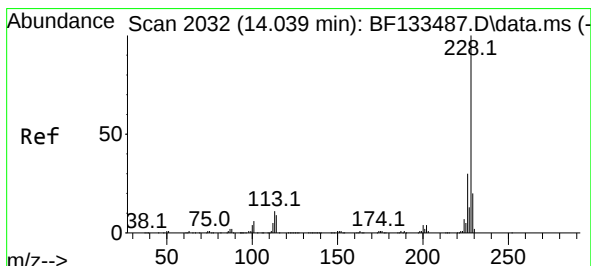
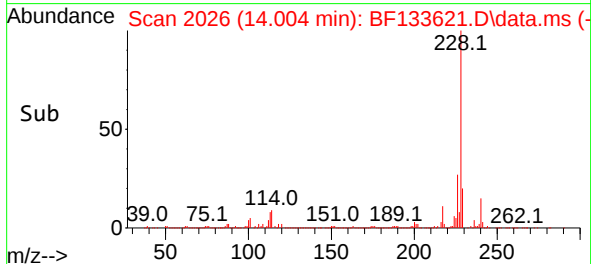
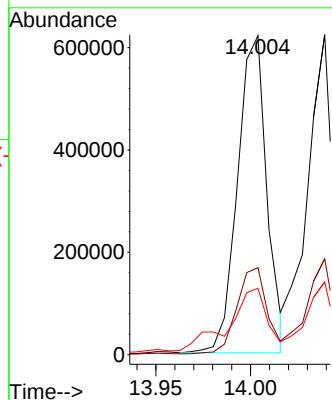
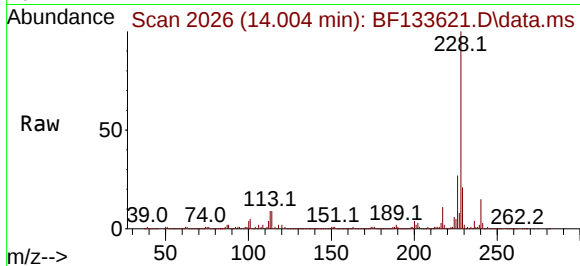




#81  
Benzo(a)anthracene  
Concen: 45.909 ng  
RT: 14.004 min Scan# 2026  
Delta R.T. 0.000 min  
Lab File: BF133621.D  
Acq: 07 Jun 2023 13:12

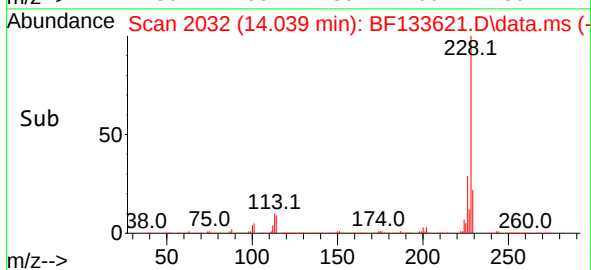
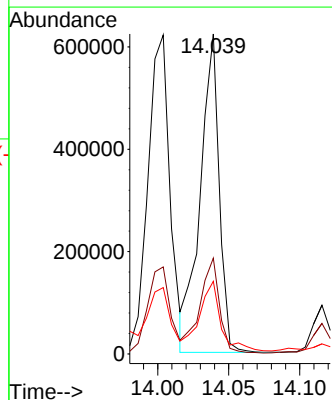
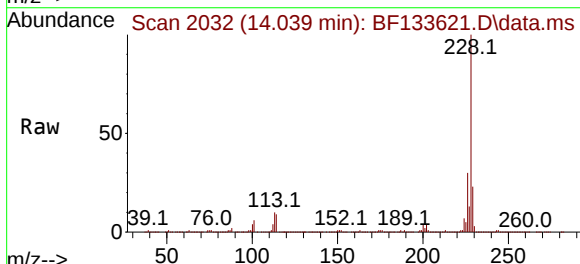
Instrument :  
BNA\_F  
ClientSampleId :  
WC02DL

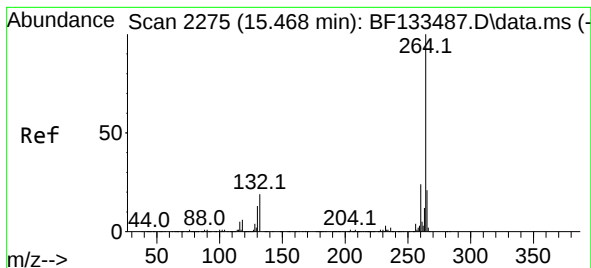
Tgt Ion:228 Resp: 666340  
Ion Ratio Lower Upper  
228 100  
226 27.3 22.3 33.5  
229 20.8 16.1 24.1



#83  
Chrysene  
Concen: 39.625 ng  
RT: 14.039 min Scan# 2032  
Delta R.T. -0.006 min  
Lab File: BF133621.D  
Acq: 07 Jun 2023 13:12

Tgt Ion:228 Resp: 580613  
Ion Ratio Lower Upper  
228 100  
226 29.9 24.1 36.1  
229 22.7 15.8 23.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF133621.D

Acq: 07 Jun 2023 13:12

Instrument :

BNA\_F

ClientSampleId :

WC02DL

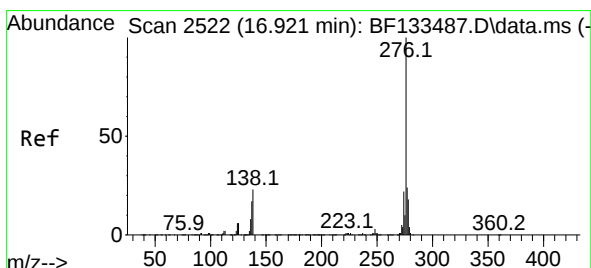
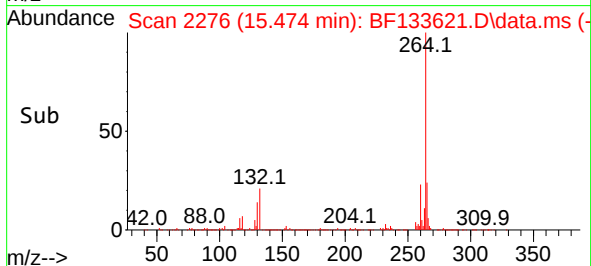
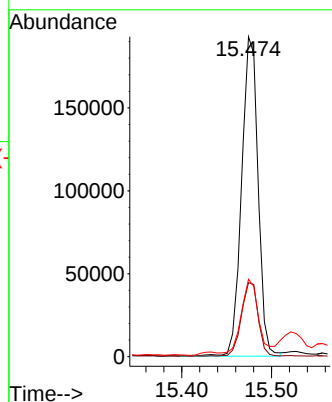
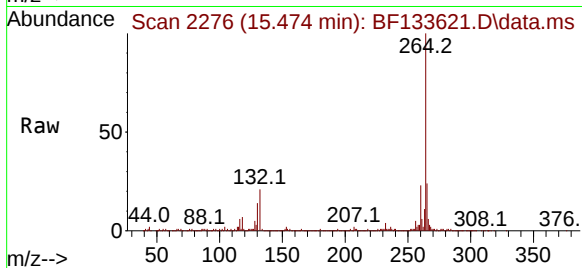
Tgt Ion:264 Resp: 245561

Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.4

265 24.2 16.8 25.2



#87

Indeno(1,2,3-cd)pyrene

Concen: 15.980 ng

RT: 16.933 min Scan# 2524

Delta R.T. -0.012 min

Lab File: BF133621.D

Acq: 07 Jun 2023 13:12

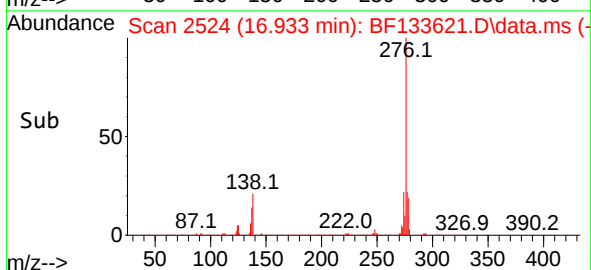
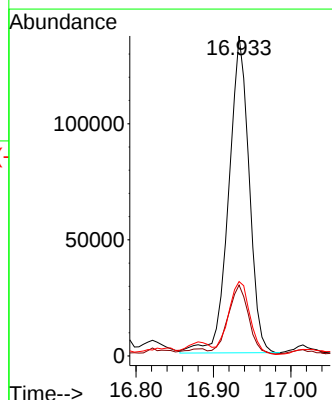
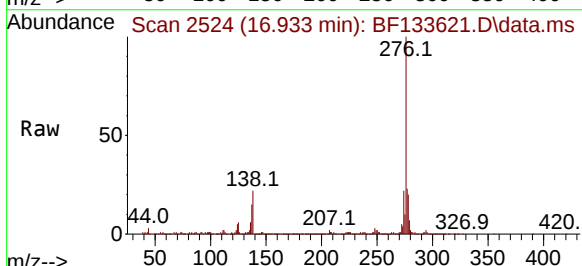
Tgt Ion:276 Resp: 249955

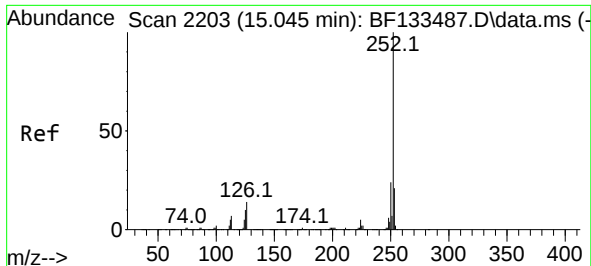
Ion Ratio Lower Upper

276 100

138 21.8 21.4 32.2

277 24.2 20.0 30.0

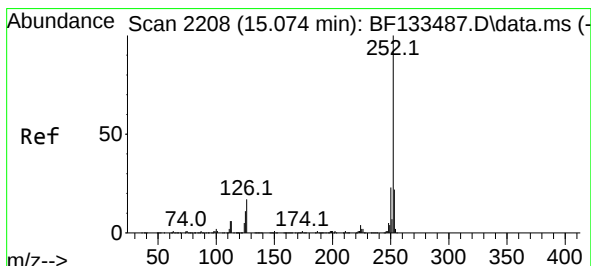
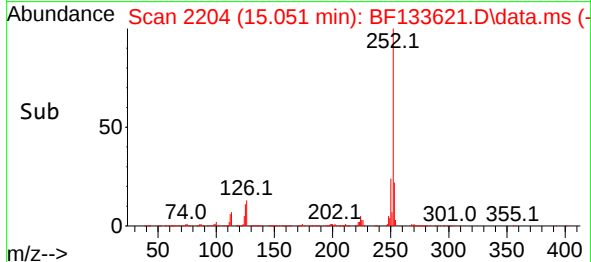
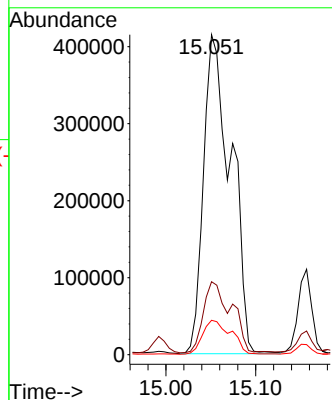
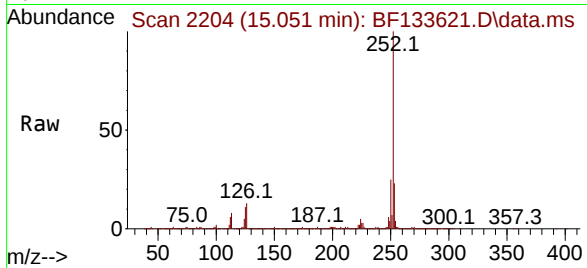




#88  
Benzo(b)fluoranthene  
Concen: 55.225 ng  
RT: 15.051 min Scan# 2204  
Delta R.T. 0.000 min  
Lab File: BF133621.D  
Acq: 07 Jun 2023 13:12

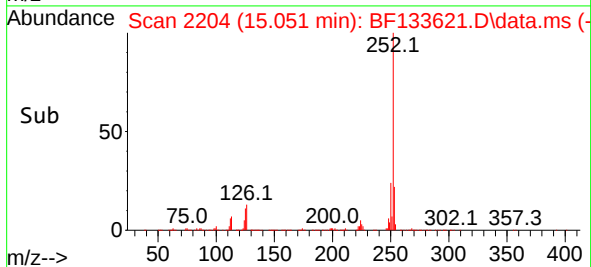
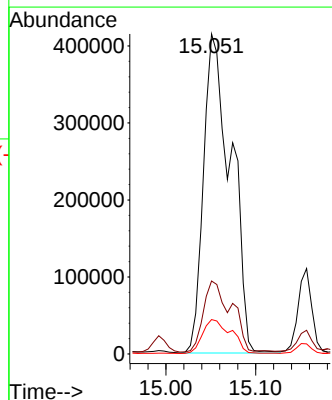
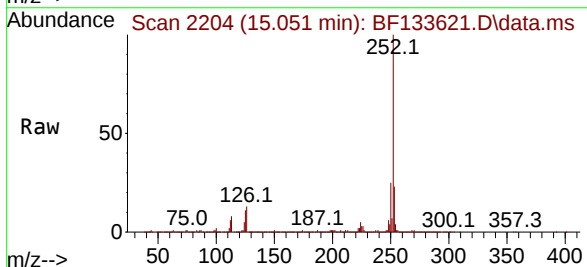
Instrument :  
BNA\_F  
ClientSampleId :  
WC02DL

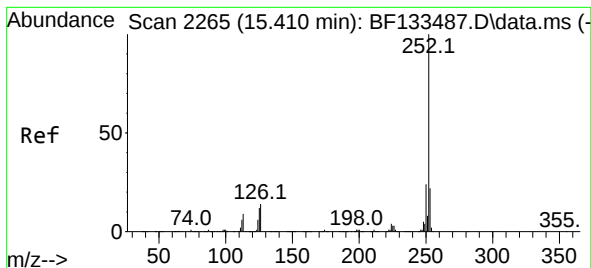
Tgt Ion:252 Resp: 883062  
Ion Ratio Lower Upper  
252 100  
253 22.8 17.2 25.8  
125 10.7 8.1 12.1



#89  
Benzo(k)fluoranthene  
Concen: 56.637 ng  
RT: 15.051 min Scan# 2204  
Delta R.T. -0.035 min  
Lab File: BF133621.D  
Acq: 07 Jun 2023 13:12

Tgt Ion:252 Resp: 883062  
Ion Ratio Lower Upper  
252 100  
253 22.8 17.4 26.2  
125 10.7 8.3 12.5





#90

Benzo(a)pyrene

Concen: 34.783 ng

RT: 15.416 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF133621.D

Acq: 07 Jun 2023 13:12

Instrument :

BNA\_F

ClientSampleId :

WC02DL

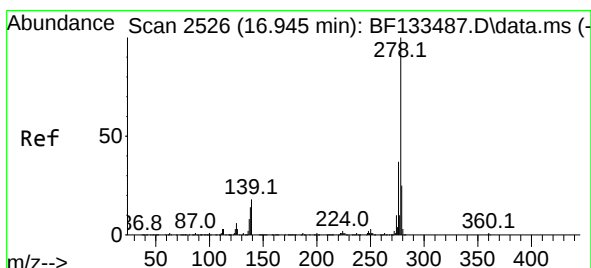
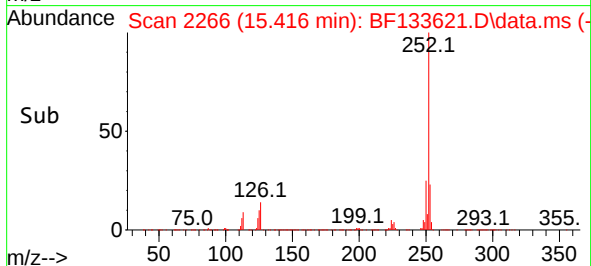
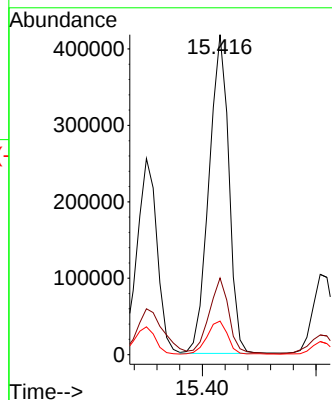
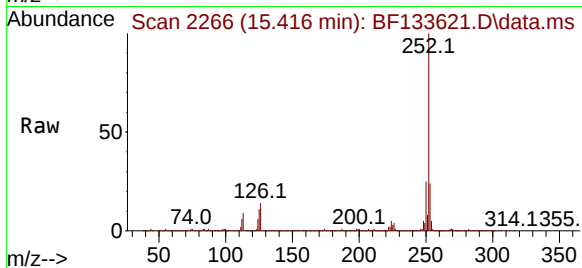
Tgt Ion:252 Resp: 506103

Ion Ratio Lower Upper

252 100

253 23.9 17.4 26.0

125 10.5 9.4 14.0



#91

Dibenzo(a,h)anthracene

Concen: 5.687 ng

RT: 16.945 min Scan# 2526

Delta R.T. -0.023 min

Lab File: BF133621.D

Acq: 07 Jun 2023 13:12

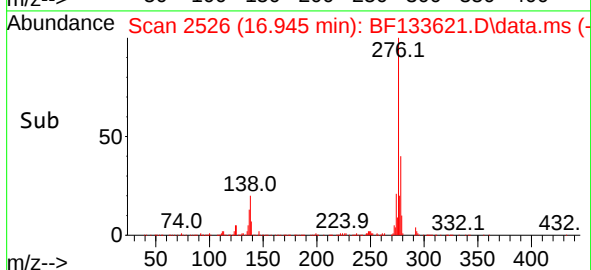
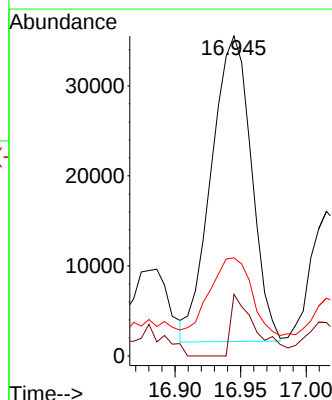
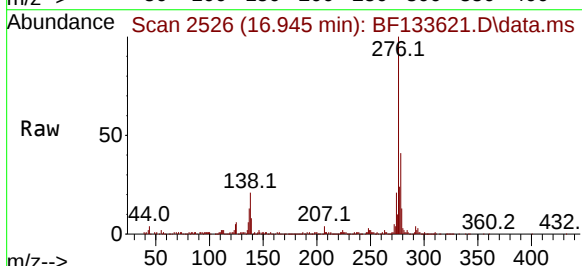
Tgt Ion:278 Resp: 72122

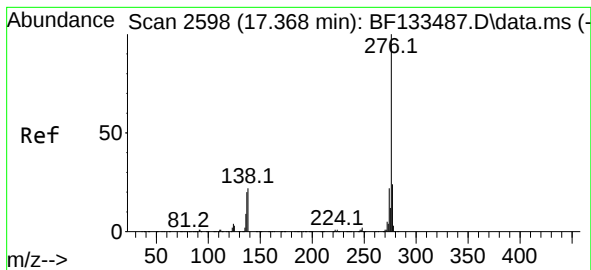
Ion Ratio Lower Upper

278 100

139 19.2 14.1 21.1

279 30.6 19.7 29.5#





#92

Benzo(g,h,i)perylene

Concen: 16.899 ng

RT: 17.374 min Scan# 21

Delta R.T. -0.017 min

Lab File: BF133621.D

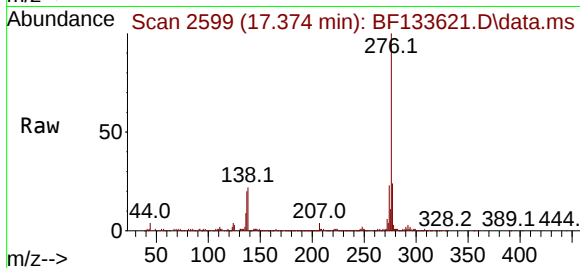
Acq: 07 Jun 2023 13:12

Instrument :

BNA\_F

ClientSampleId :

WC02DL



Tgt Ion:276 Resp: 216097

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 22.0 17.8 26.6

