

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010424\  
 Data File : BF136954.D  
 Acq On : 04 Jan 2024 22:20  
 Operator : CG\JU  
 Sample : 05899-21DL 10X  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 GHL-SS-18-0-2DL

Quant Time: Jan 05 00:44:36 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 21 01:54:25 2023  
 Response via : Initial Calibration

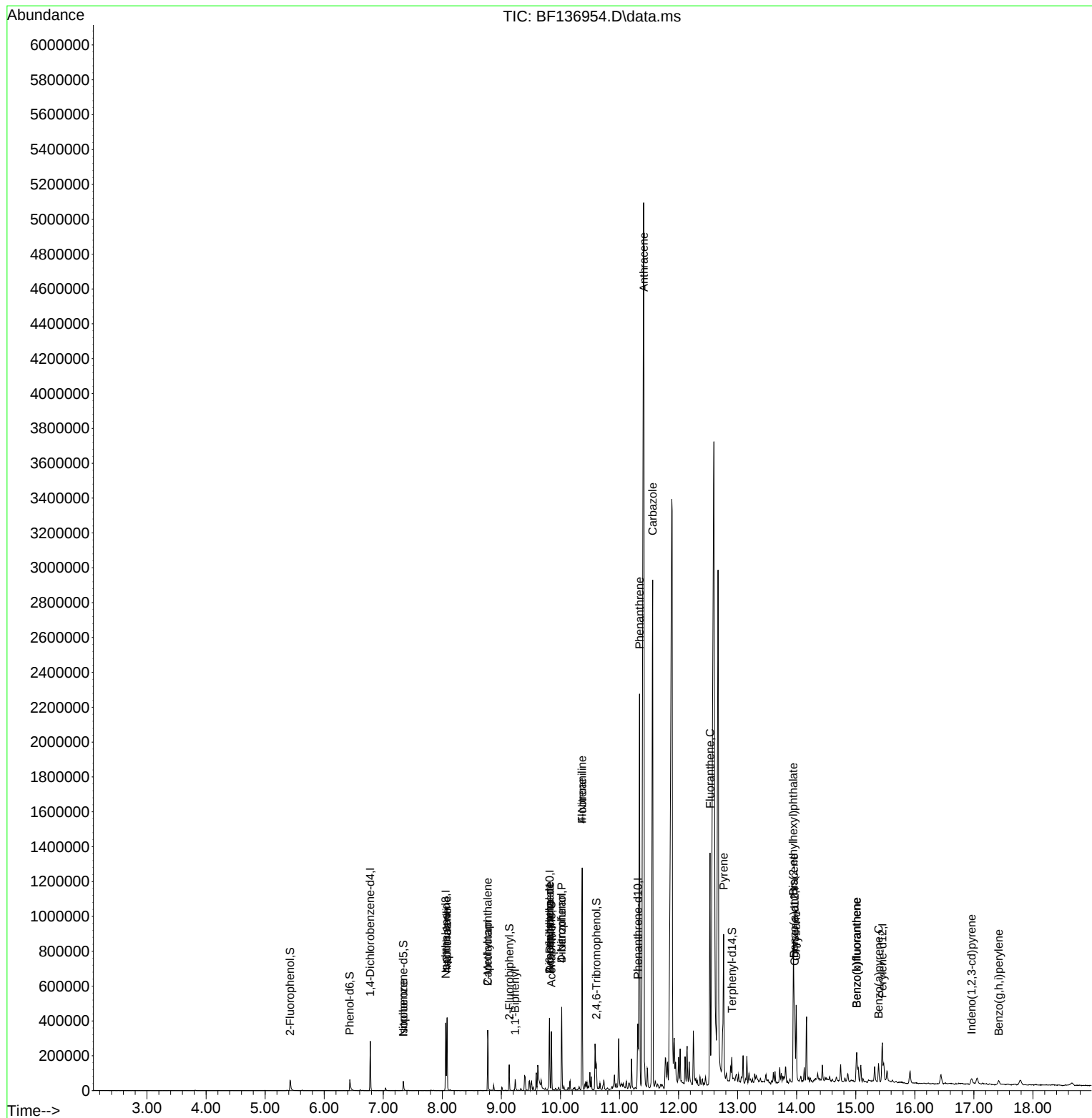
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.781  | 152  | 38794    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 8.057  | 136  | 149996   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10          | 9.816  | 164  | 78095    | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.310 | 188  | 145461   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.968 | 240  | 97397    | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.451 | 264  | 105857   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.422  | 112  | 23948    | 9.632   | ng    | 0.00     |
| 7) Phenol-d6                  | 6.434  | 99   | 28669    | 8.899   | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.339  | 82   | 18031    | 6.151   | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 10.610 | 330  | 8530     | 9.274   | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.133  | 172  | 42304    | 7.286   | ng    | -0.02    |
| 79) Terphenyl-d14             | 12.904 | 244  | 43779    | 6.281   | ng    | -0.01    |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 25) Isophorone                | 7.339  | 82   | 18030    | 3.380   | ng    | # 65     |
| 31) Naphthalene               | 8.081  | 128  | 171339   | 20.793  | ng    | 98       |
| 33) 4-Chloroaniline           | 8.081  | 127  | 21971    | 7.221   | ng    | # 35     |
| 35) Caprolactam               | 8.769  | 113  | 1899     | 2.614   | ng    | # 1      |
| 37) 2-Methylnaphthalene       | 8.769  | 142  | 93425    | 17.617  | ng    | 96       |
| 46) 1,1'-Biphenyl             | 9.233  | 154  | 19265    | 2.940   | ng    | 98       |
| 50) Dimethylphthalate         | 9.816  | 163  | 16106    | 2.824   | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.816  | 165  | 10887    | 8.410   | ng    | # 31     |
| 52) Acenaphthene              | 9.845  | 154  | 67234    | 14.244  | ng    | 99       |
| 55) Dibenzofuran              | 10.022 | 168  | 173625   | 24.265  | ng    | 96       |
| 56) 4-Nitrophenol             | 10.022 | 139  | 59533    | 64.307  | ng    | # 9      |
| 58) Fluorene                  | 10.369 | 166  | 339742   | 59.840  | ng    | 99       |
| 62) 4-Nitroaniline            | 10.369 | 138  | 3141     | 2.376   | ng    | # 23     |
| 71) Phenanthrene              | 11.339 | 178  | 879338   | 117.815 | ng    | 99       |
| 72) Anthracene                | 11.410 | 178  | 3445651  | 455.850 | ng    | 98       |
| 73) Carbazole                 | 11.563 | 167  | 1423172  | 199.701 | ng    | 100      |
| 75) Fluoranthene              | 12.533 | 202  | 494343   | 61.920  | ng    | 98       |
| 78) Pyrene                    | 12.763 | 202  | 345342   | 36.119  | ng    | 99       |
| 81) Benzo(a)anthracene        | 13.957 | 228  | 124751   | 18.446  | ng    | 99       |
| 83) Chrysene                  | 13.992 | 228  | 153680   | 23.237  | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 13.945 | 149  | 196816   | 44.963  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.962 | 276  | 23756    | 3.108   | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.015 | 252  | 122192   | 17.282  | ng    | # 97     |
| 89) Benzo(k)fluoranthene      | 15.015 | 252  | 122192   | 18.290  | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.386 | 252  | 47306    | 7.927   | ng    | 96       |
| 92) Benzo(g,h,i)perylene      | 17.421 | 276  | 18827    | 2.932   | ng    | # 91     |
| -----                         |        |      |          |         |       |          |

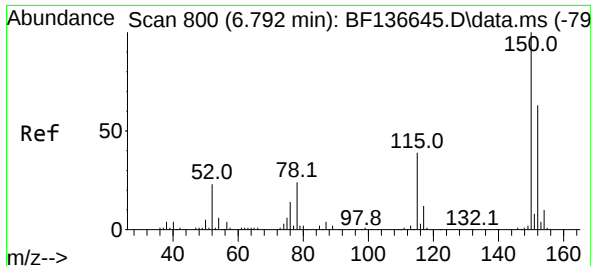
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010424\  
Data File : BF136954.D  
Acq On : 04 Jan 2024 22:20  
Operator : CG\JU  
Sample : 05899-21DL 10X  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
GHL-SS-18-0-2DL

Quant Time: Jan 05 00:44:36 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 21 01:54:25 2023  
Response via : Initial Calibration

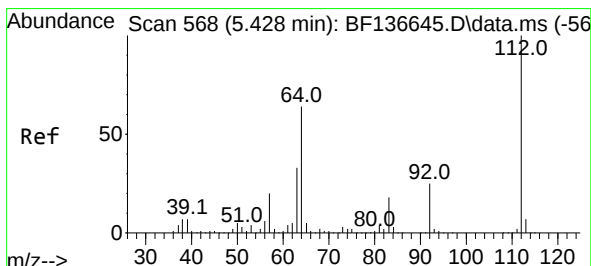
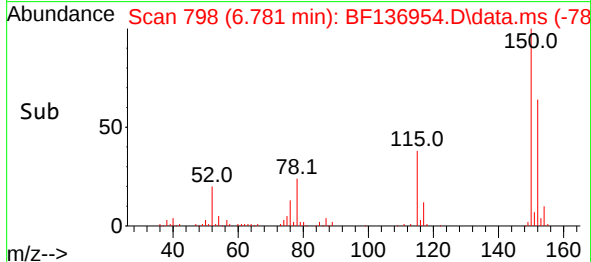
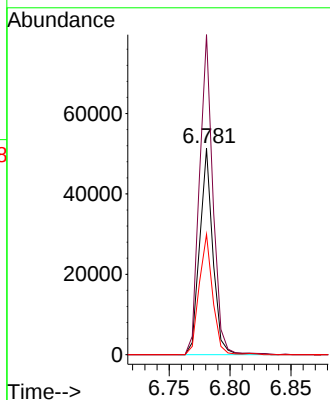
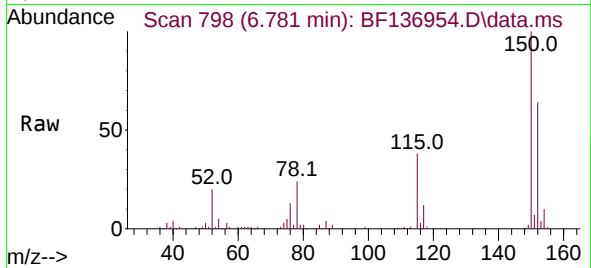




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.781 min Scan# 71  
Delta R.T. -0.011 min  
Lab File: BF136954.D  
Acq: 04 Jan 2024 22:20

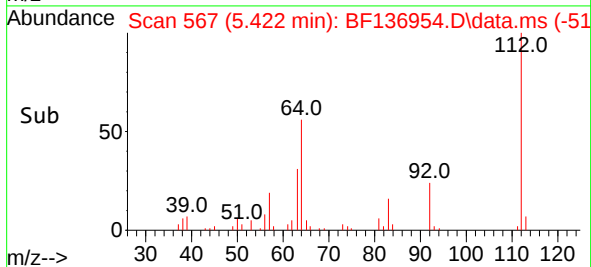
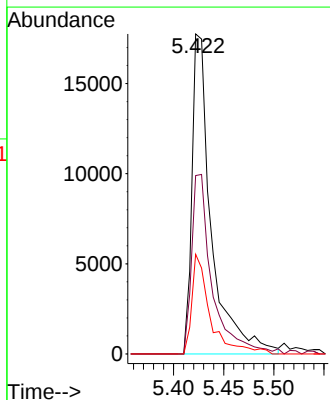
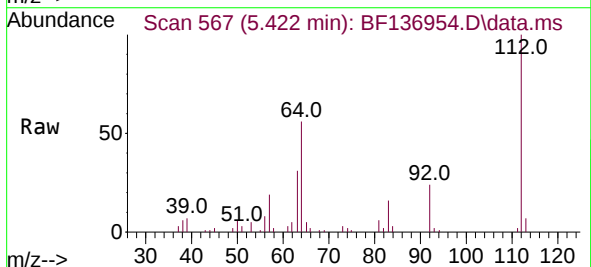
Instrument :  
BNA\_F  
ClientSampleId :  
GHL-SS-18-0-2DL

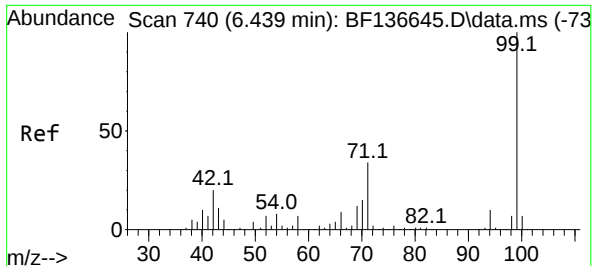
Tgt Ion:152 Resp: 38794  
Ion Ratio Lower Upper  
152 100  
150 155.1 127.0 190.6  
115 58.4 49.0 73.4



#5  
2-Fluorophenol  
Concen: 9.632 ng  
RT: 5.422 min Scan# 567  
Delta R.T. -0.006 min  
Lab File: BF136954.D  
Acq: 04 Jan 2024 22:20

Tgt Ion:112 Resp: 23948  
Ion Ratio Lower Upper  
112 100  
64 55.7 51.1 76.7  
63 31.2 26.1 39.1

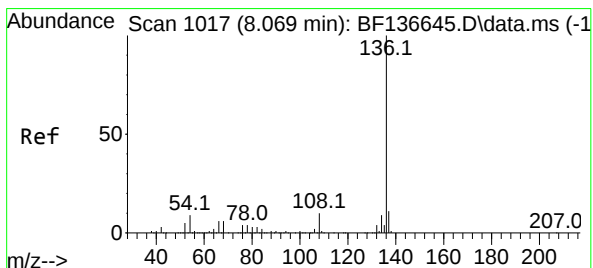
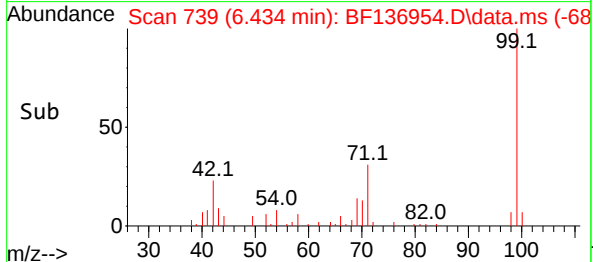
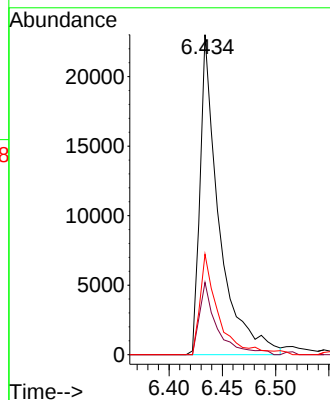
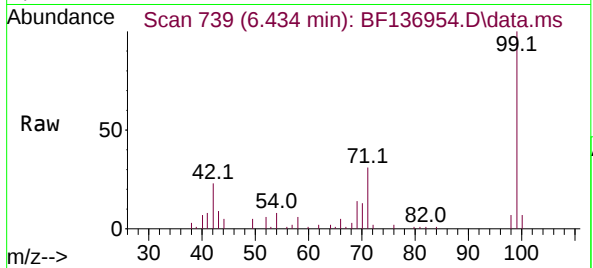




#7  
Phenol-d6  
Concen: 8.899 ng  
RT: 6.434 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF136954.D  
Acq: 04 Jan 2024 22:20

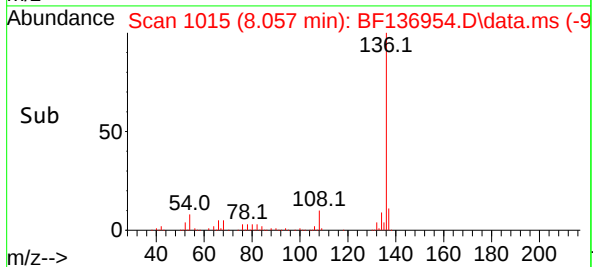
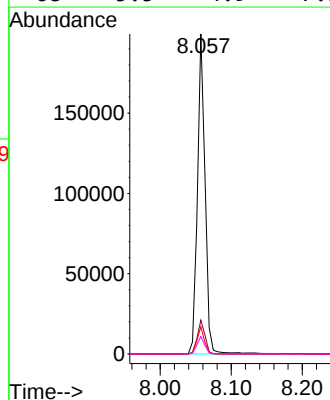
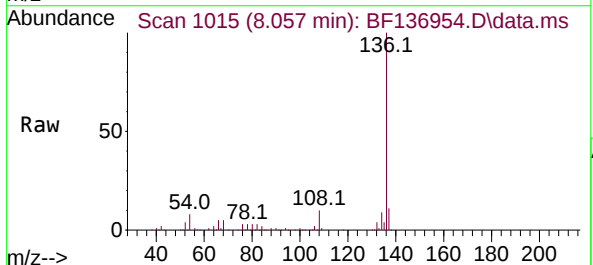
Instrument :  
BNA\_F  
ClientSampleId :  
GHL-SS-18-0-2DL

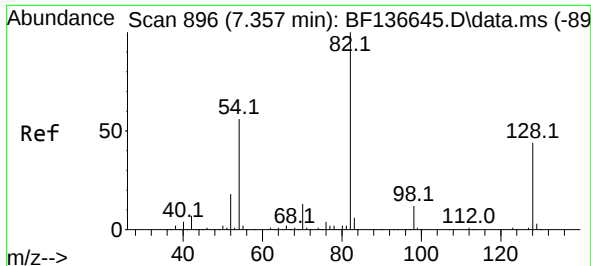
Tgt Ion: 99 Resp: 28669  
Ion Ratio Lower Upper  
99 100  
42 22.6 16.1 24.1  
71 31.4 27.4 41.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.057 min Scan# 1015  
Delta R.T. -0.012 min  
Lab File: BF136954.D  
Acq: 04 Jan 2024 22:20

Tgt Ion: 136 Resp: 149996  
Ion Ratio Lower Upper  
136 100  
137 10.6 9.0 13.4  
54 8.5 7.2 10.8  
68 5.5 4.9 7.3

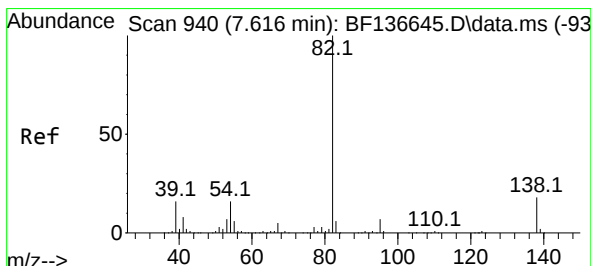
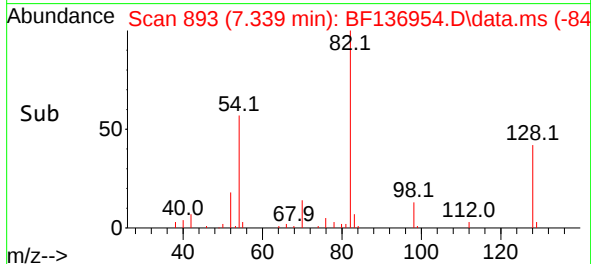
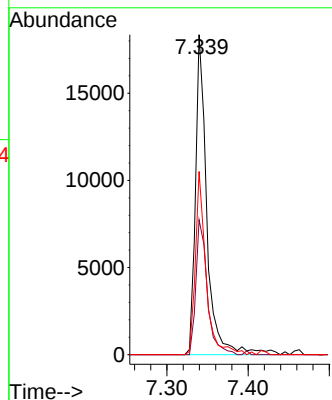
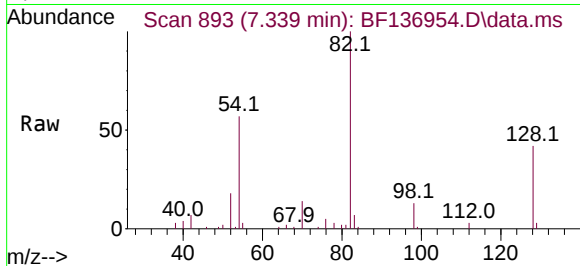




#23  
Nitrobenzene-d5  
Concen: 6.151 ng  
RT: 7.339 min Scan# 896  
Delta R.T. -0.018 min  
Lab File: BF136954.D  
Acq: 04 Jan 2024 22:20

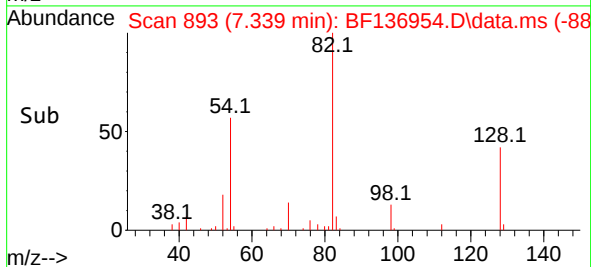
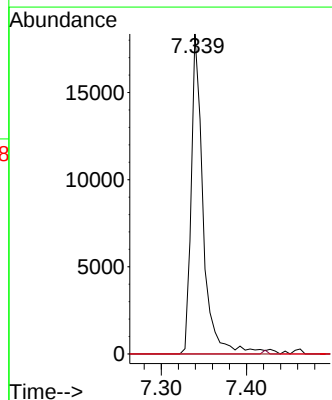
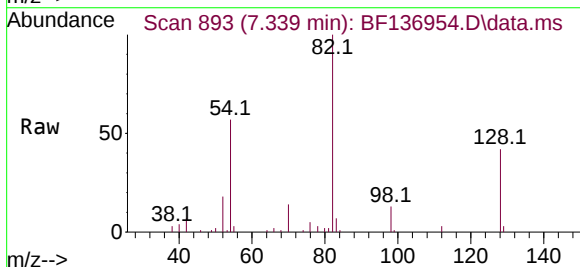
Instrument :  
BNA\_F  
ClientSampleId :  
GHL-SS-18-0-2DL

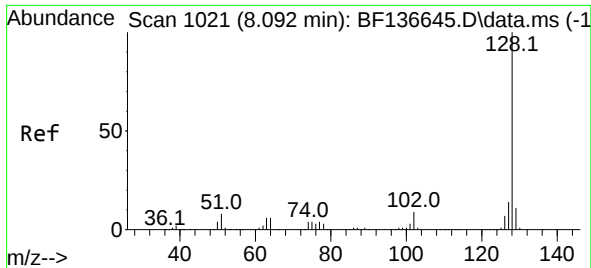
Tgt Ion: 82 Resp: 18031  
Ion Ratio Lower Upper  
82 100  
128 42.2 35.3 52.9  
54 57.3 44.5 66.7



#25  
Isophorone  
Concen: 3.380 ng  
RT: 7.339 min Scan# 893  
Delta R.T. -0.276 min  
Lab File: BF136954.D  
Acq: 04 Jan 2024 22:20

Tgt Ion: 82 Resp: 18030  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.5 8.3#  
138 0.0 14.5 21.7#

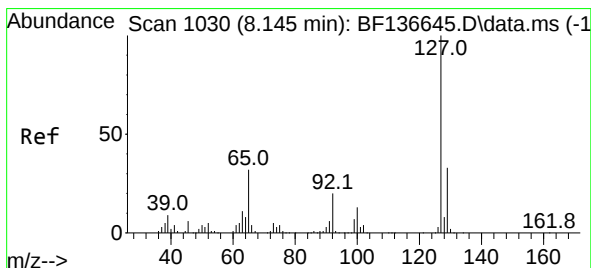
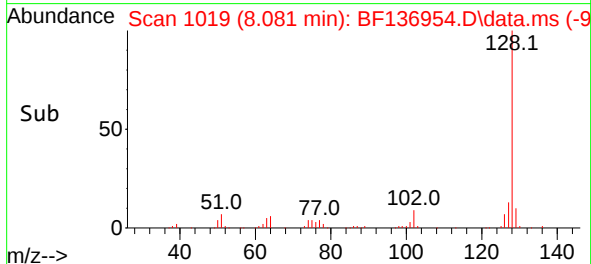
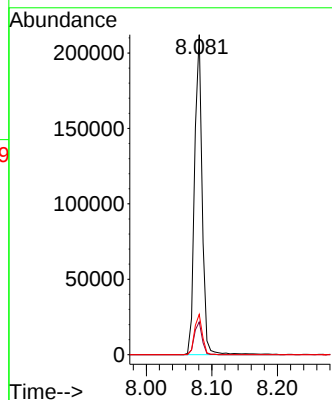
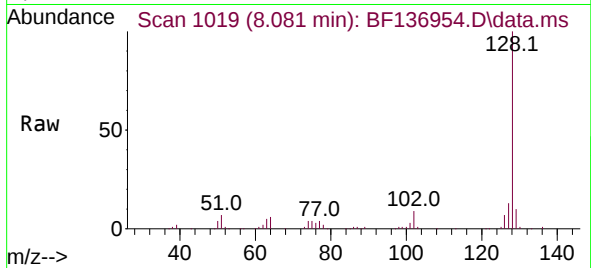




#31  
Naphthalene  
Concen: 20.793 ng  
RT: 8.081 min Scan# 1019  
Delta R.T. -0.012 min  
Lab File: BF136954.D  
Acq: 04 Jan 2024 22:20

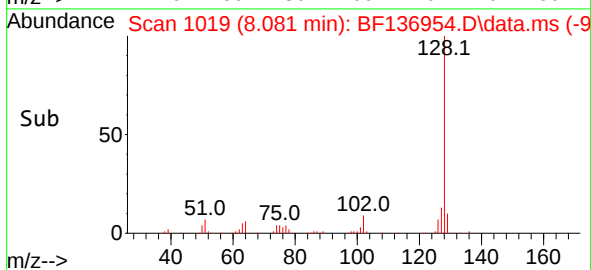
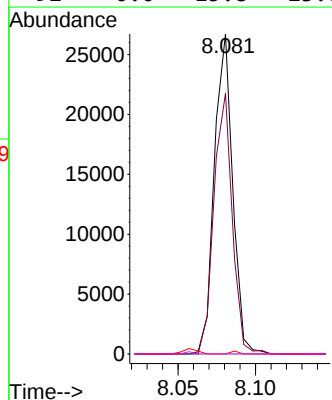
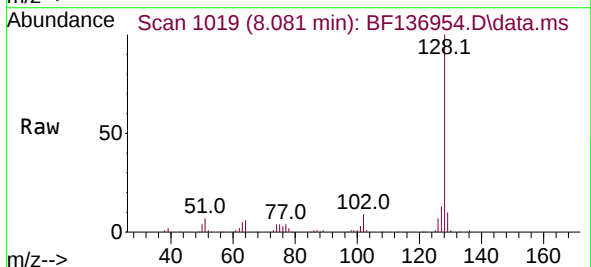
Instrument :  
BNA\_F  
ClientSampleId :  
GHL-SS-18-0-2DL

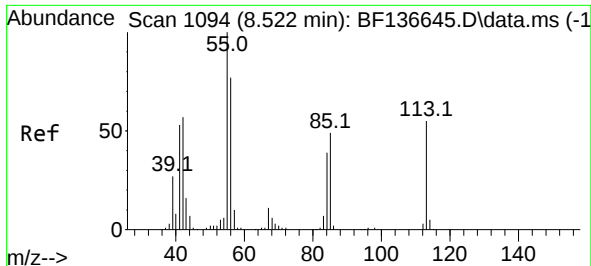
Tgt Ion:128 Resp: 171339  
Ion Ratio Lower Upper  
128 100  
129 10.3 8.7 13.1  
127 12.6 10.8 16.2



#33  
4-Chloroaniline  
Concen: 7.221 ng  
RT: 8.081 min Scan# 1019  
Delta R.T. -0.065 min  
Lab File: BF136954.D  
Acq: 04 Jan 2024 22:20

Tgt Ion:127 Resp: 21971  
Ion Ratio Lower Upper  
127 100  
129 81.4 26.3 39.5#  
65 0.0 25.8 38.8#  
92 0.0 15.8 23.6#

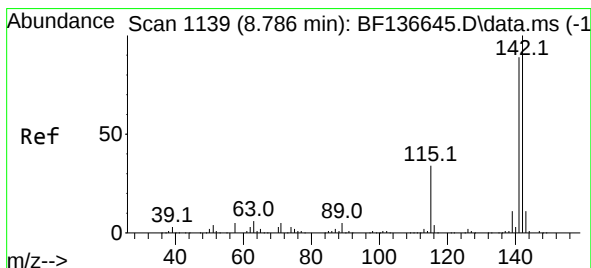
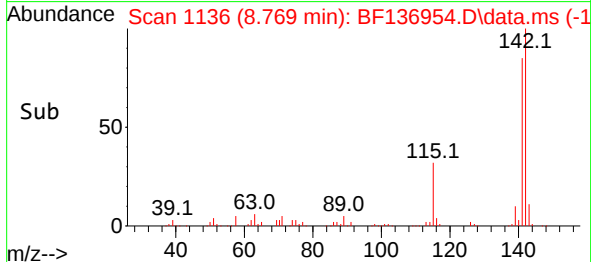
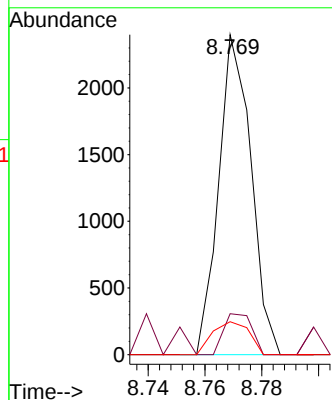
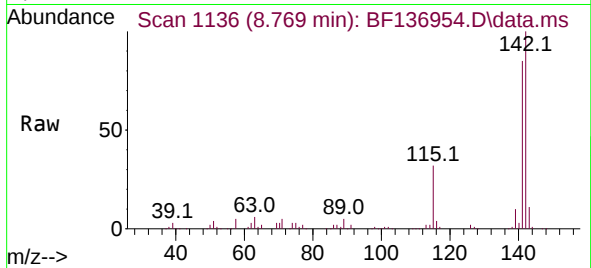




#35  
Caprolactam  
Concen: 2.614 ng  
RT: 8.769 min Scan# 1136  
Delta R.T. 0.247 min  
Lab File: BF136954.D  
Acq: 04 Jan 2024 22:20

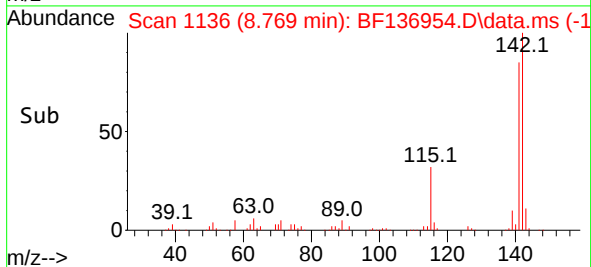
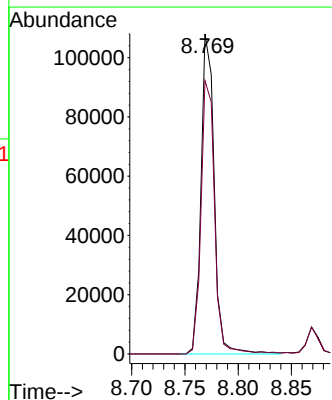
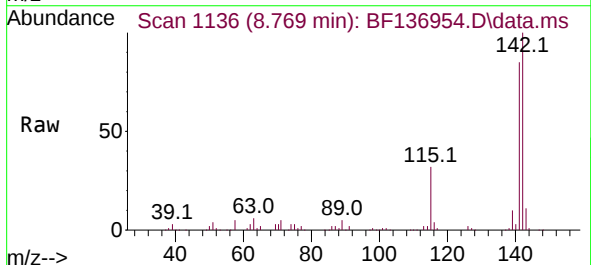
Instrument :  
BNA\_F  
ClientSampleId :  
GHL-SS-18-0-2DL

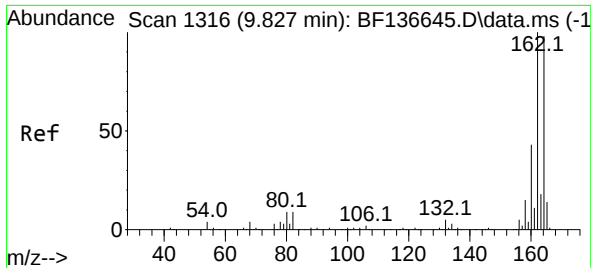
Tgt Ion:113 Resp: 1899  
Ion Ratio Lower Upper  
113 100  
55 12.8 163.1 203.1#  
56 10.3 121.7 161.7#



#37  
2-Methylnaphthalene  
Concen: 17.617 ng  
RT: 8.769 min Scan# 1136  
Delta R.T. -0.018 min  
Lab File: BF136954.D  
Acq: 04 Jan 2024 22:20

Tgt Ion:142 Resp: 93425  
Ion Ratio Lower Upper  
142 100  
141 85.4 71.1 106.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136954.D

Acq: 04 Jan 2024 22:20

Instrument :

BNA\_F

ClientSampleId :

GHL-SS-18-0-2DL

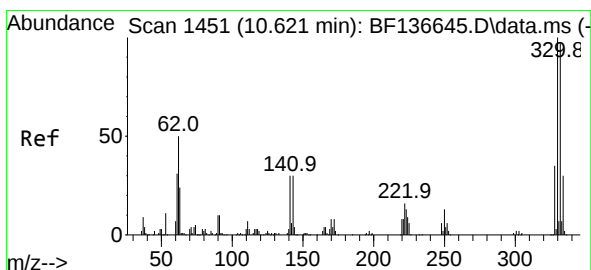
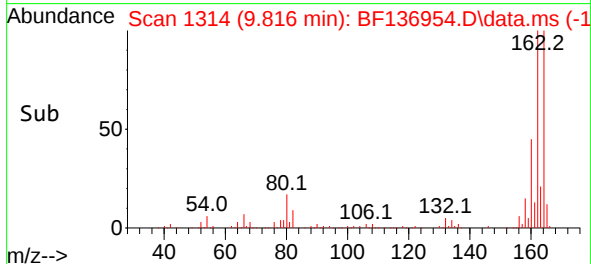
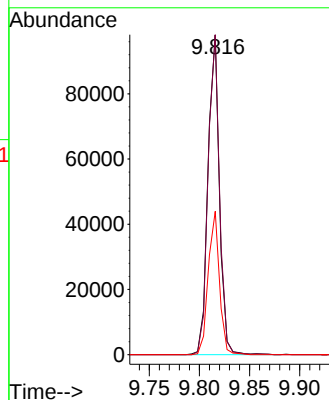
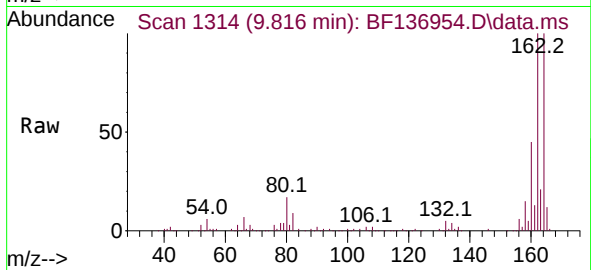
Tgt Ion:164 Resp: 78095

Ion Ratio Lower Upper

164 100

162 100.1 81.6 122.4

160 44.9 34.9 52.3



#42

2,4,6-Tribromophenol

Concen: 9.274 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF136954.D

Acq: 04 Jan 2024 22:20

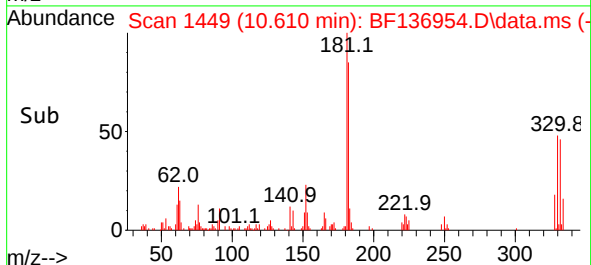
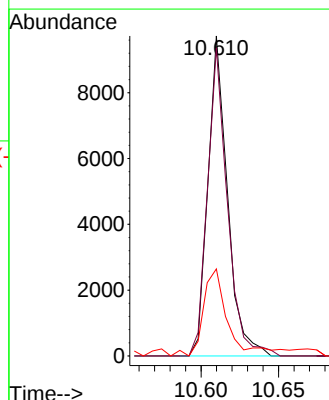
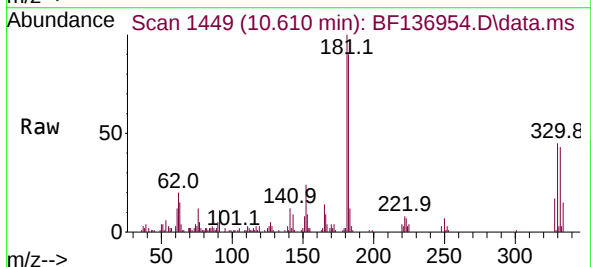
Tgt Ion:330 Resp: 8530

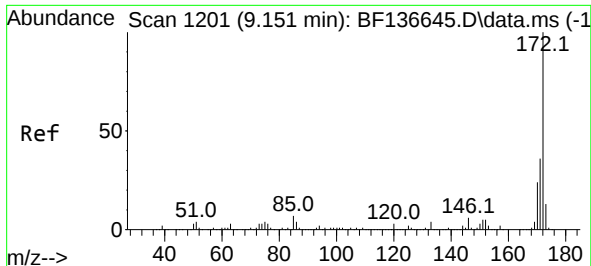
Ion Ratio Lower Upper

330 100

332 98.1 77.4 116.0

141 34.9 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 7.286 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.018 min

Lab File: BF136954.D

Acq: 04 Jan 2024 22:20

Instrument :

BNA\_F

ClientSampleId :

GHL-SS-18-0-2DL

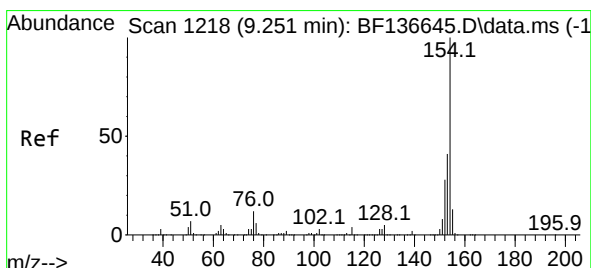
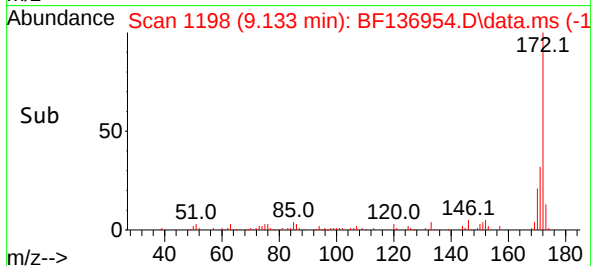
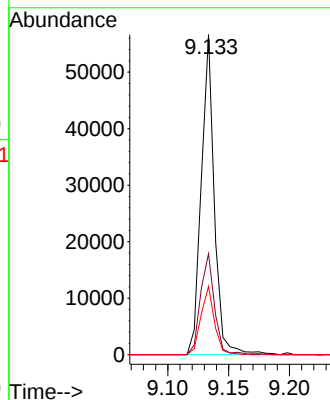
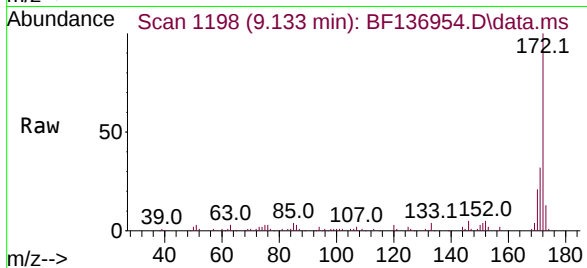
Tgt Ion:172 Resp: 42304

Ion Ratio Lower Upper

172 100

171 31.6 29.0 43.6

170 21.3 19.0 28.4



#46

1,1'-Biphenyl

Concen: 2.940 ng

RT: 9.233 min Scan# 1215

Delta R.T. -0.018 min

Lab File: BF136954.D

Acq: 04 Jan 2024 22:20

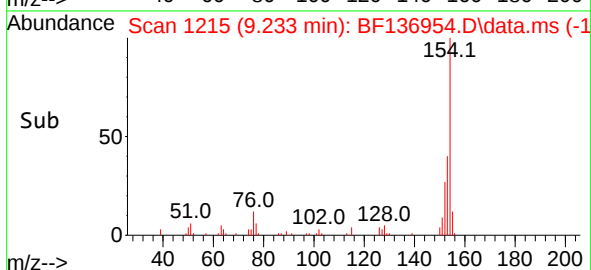
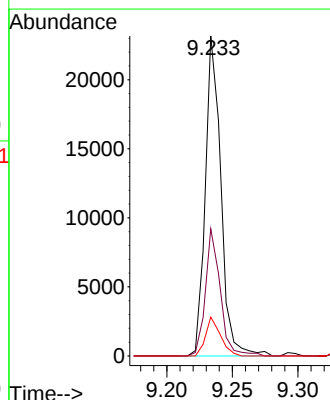
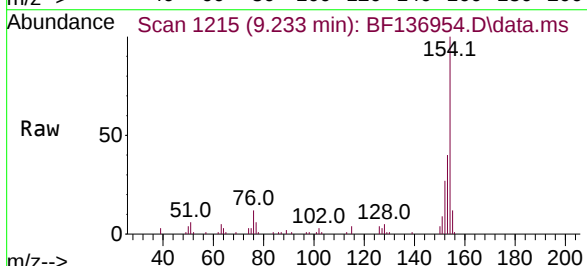
Tgt Ion:154 Resp: 19265

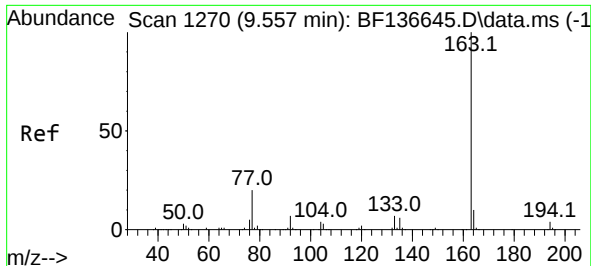
Ion Ratio Lower Upper

154 100

153 39.8 21.1 61.1

76 12.2 0.0 31.7

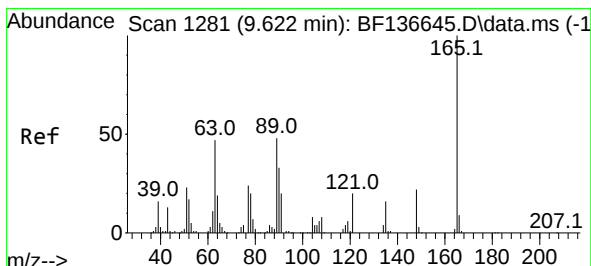
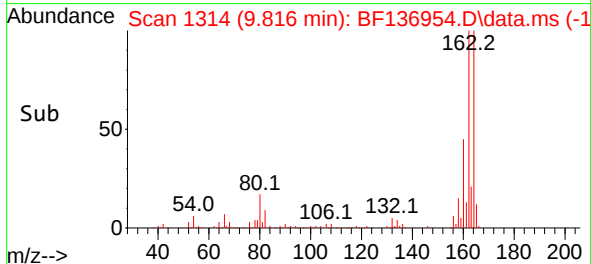
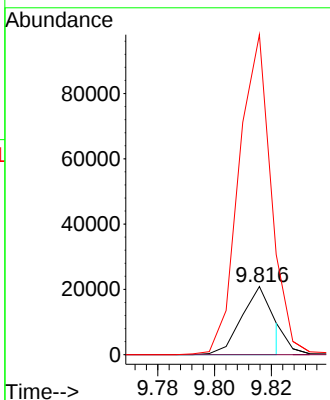
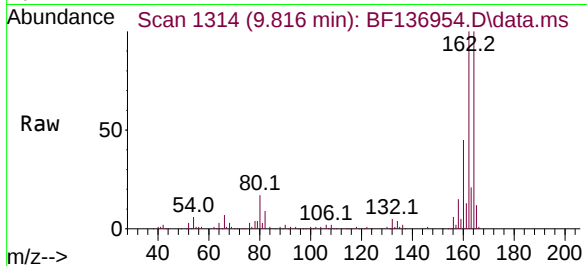




#50  
Dimethylphthalate  
Concen: 2.824 ng  
RT: 9.816 min Scan# 1314  
Delta R.T. 0.259 min  
Lab File: BF136954.D  
Acq: 04 Jan 2024 22:20

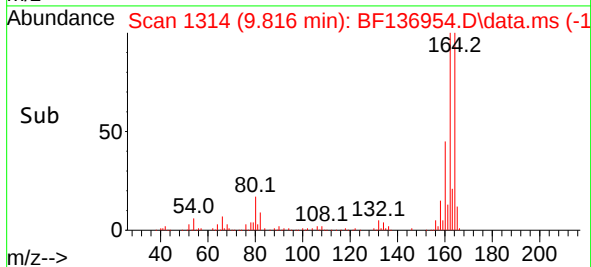
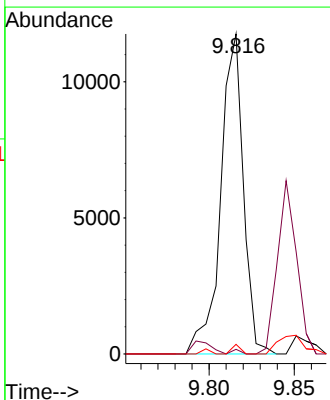
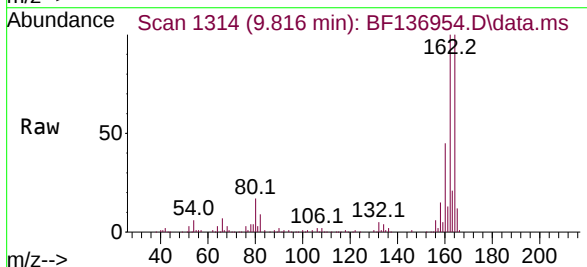
Instrument :  
BNA\_F  
ClientSampleId :  
GHL-SS-18-0-2DL

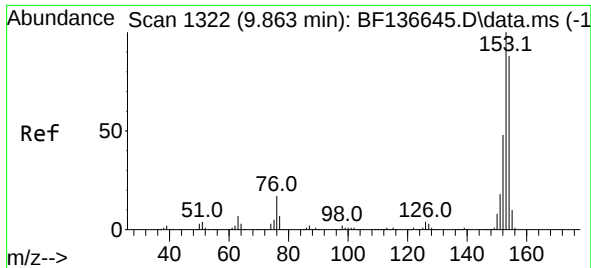
Tgt Ion:163 Resp: 16106  
Ion Ratio Lower Upper  
163 100  
194 0.0 3.3 4.9#  
164 469.6 7.8 11.6#



#51  
2,6-Dinitrotoluene  
Concen: 8.410 ng  
RT: 9.816 min Scan# 1314  
Delta R.T. 0.194 min  
Lab File: BF136954.D  
Acq: 04 Jan 2024 22:20

Tgt Ion:165 Resp: 10887  
Ion Ratio Lower Upper  
165 100  
63 1.5 39.8 59.6#  
89 3.0 38.8 58.2#

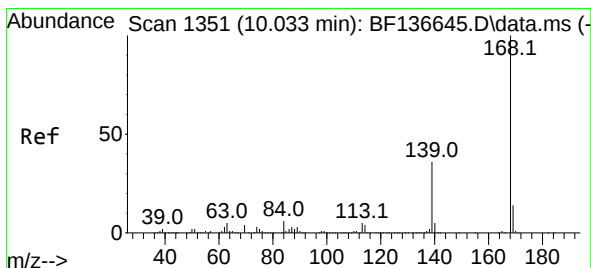
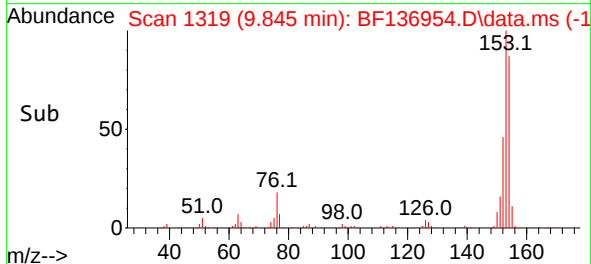
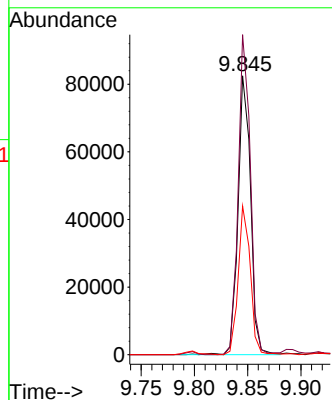
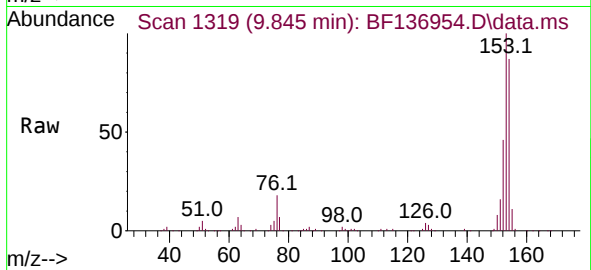




#52  
Acenaphthene  
Concen: 14.244 ng  
RT: 9.845 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: BF136954.D  
Acq: 04 Jan 2024 22:20

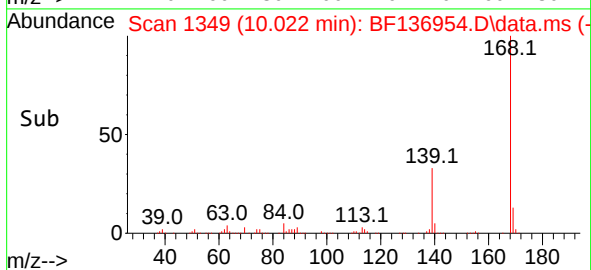
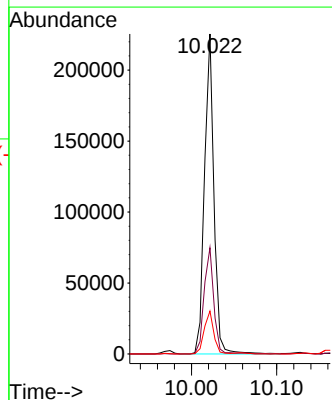
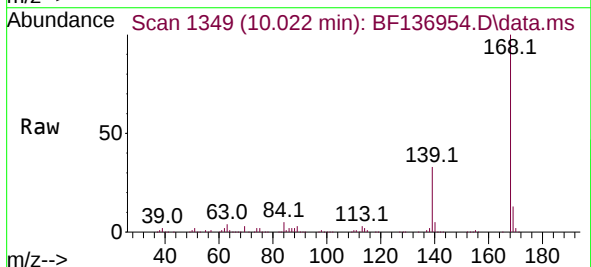
Instrument :  
BNA\_F  
ClientSampleId :  
GHL-SS-18-0-2DL

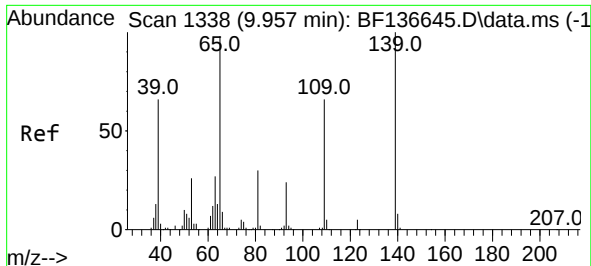
Tgt Ion:154 Resp: 67234  
Ion Ratio Lower Upper  
154 100  
153 114.7 90.7 136.1  
152 53.3 43.7 65.5



#55  
Dibenzofuran  
Concen: 24.265 ng  
RT: 10.022 min Scan# 1349  
Delta R.T. -0.012 min  
Lab File: BF136954.D  
Acq: 04 Jan 2024 22:20

Tgt Ion:168 Resp: 173625  
Ion Ratio Lower Upper  
168 100  
139 33.2 29.3 43.9  
169 13.4 11.0 16.4

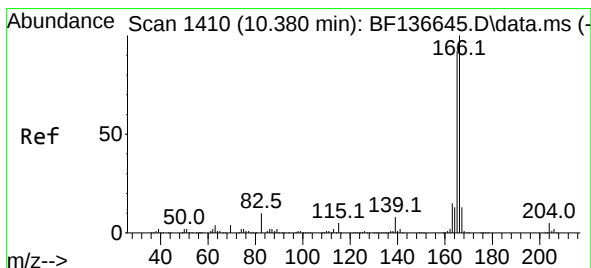
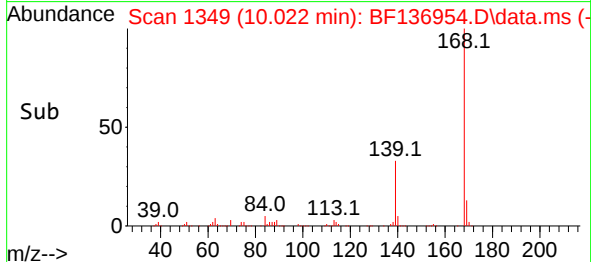
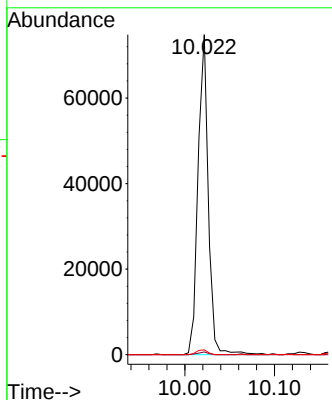
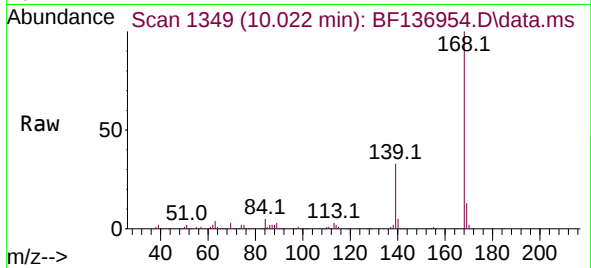




#56  
4-Nitrophenol  
Concen: 64.307 ng  
RT: 10.022 min Scan# 11  
Delta R.T. 0.065 min  
Lab File: BF136954.D  
Acq: 04 Jan 2024 22:20

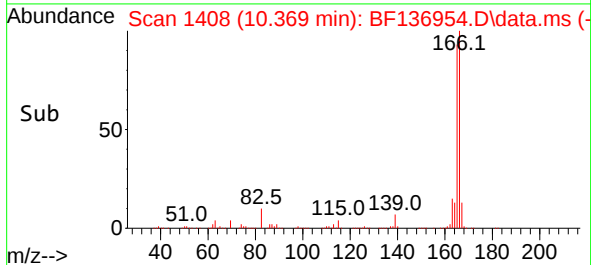
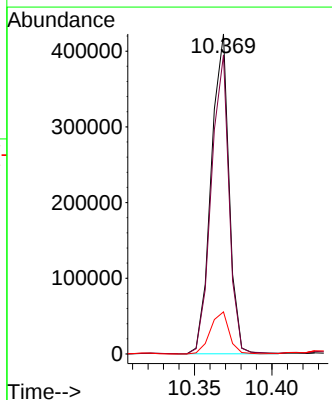
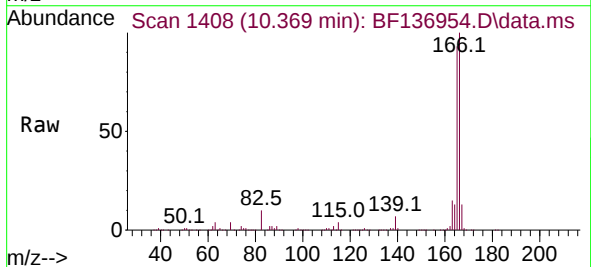
Instrument :  
BNA\_F  
ClientSampleId :  
GHL-SS-18-0-2DL

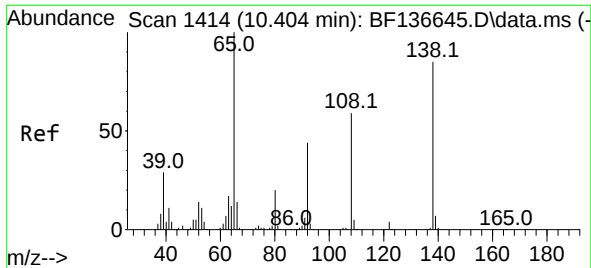
Tgt Ion:139 Resp: 59533  
Ion Ratio Lower Upper  
139 100  
109 0.9 45.8 85.8#  
65 1.5 77.8 117.8#



#58  
Fluorene  
Concen: 59.840 ng  
RT: 10.369 min Scan# 1408  
Delta R.T. -0.012 min  
Lab File: BF136954.D  
Acq: 04 Jan 2024 22:20

Tgt Ion:166 Resp: 339742  
Ion Ratio Lower Upper  
166 100  
165 93.4 73.7 110.5  
167 13.1 10.4 15.6

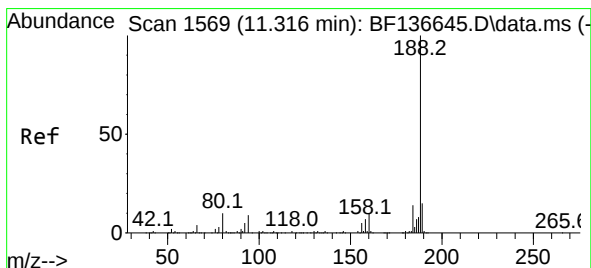
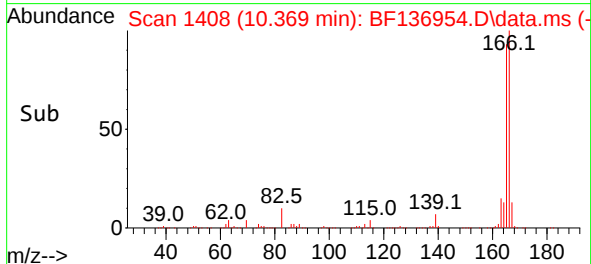
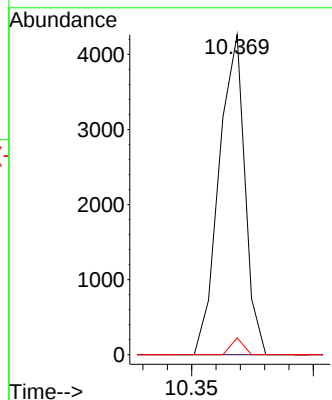
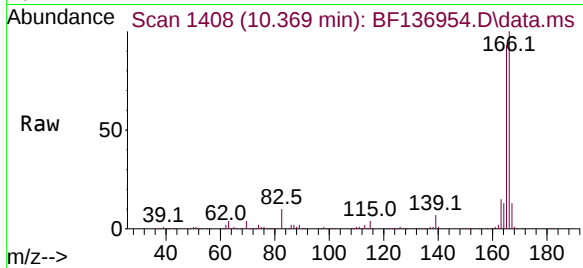




#62  
4-Nitroaniline  
Concen: 2.376 ng  
RT: 10.369 min Scan# 1414  
Delta R.T. -0.035 min  
Lab File: BF136954.D  
Acq: 04 Jan 2024 22:20

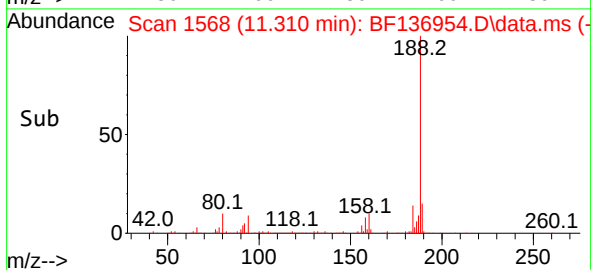
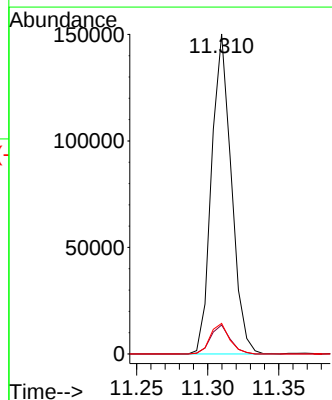
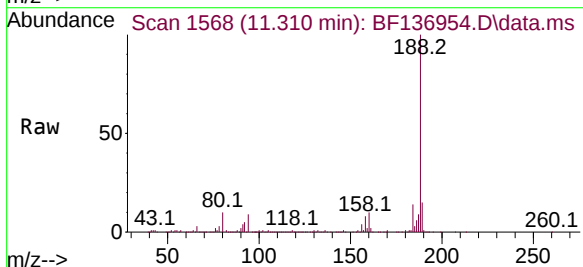
Instrument :  
BNA\_F  
ClientSampleId :  
GHL-SS-18-0-2DL

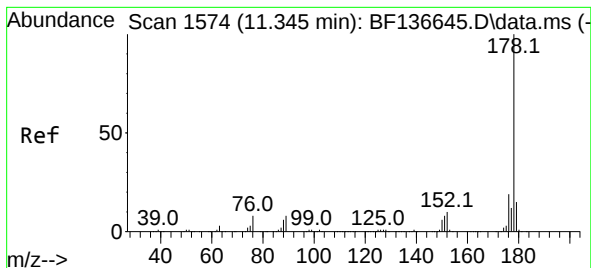
Tgt Ion:138 Resp: 3141  
Ion Ratio Lower Upper  
138 100  
92 0.0 32.1 72.1#  
108 5.3 50.1 90.1#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.310 min Scan# 1568  
Delta R.T. -0.006 min  
Lab File: BF136954.D  
Acq: 04 Jan 2024 22:20

Tgt Ion:188 Resp: 145461  
Ion Ratio Lower Upper  
188 100  
94 9.0 7.5 11.3  
80 9.5 8.1 12.1





#71

Phenanthrene

Concen: 117.815 ng

RT: 11.339 min Scan# 1573

Delta R.T. -0.006 min

Lab File: BF136954.D

Acq: 04 Jan 2024 22:20

Instrument :

BNA\_F

ClientSampleId :

GHL-SS-18-0-2DL

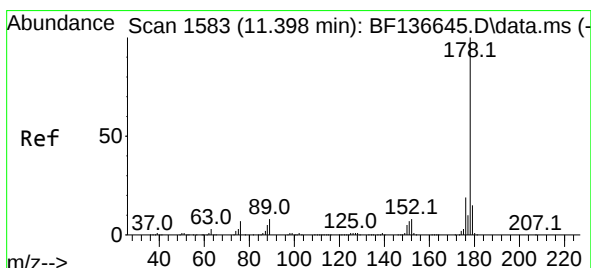
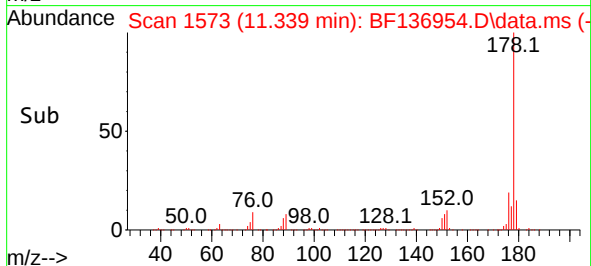
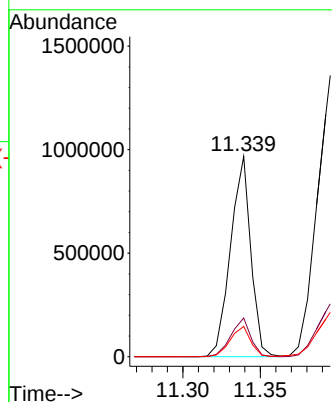
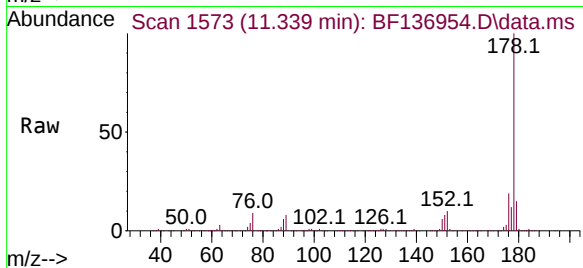
Tgt Ion:178 Resp: 879338

Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

179 15.1 11.9 17.9



#72

Anthracene

Concen: 455.850 ng

RT: 11.410 min Scan# 1585

Delta R.T. 0.012 min

Lab File: BF136954.D

Acq: 04 Jan 2024 22:20

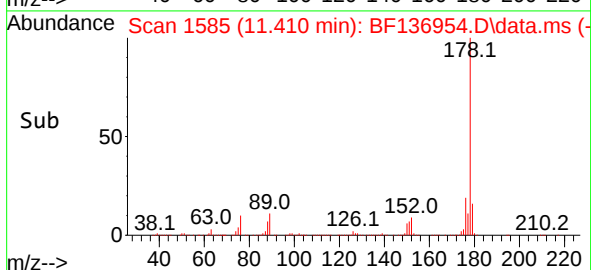
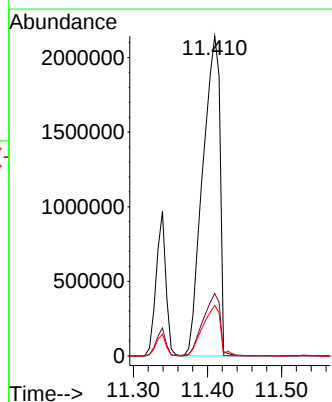
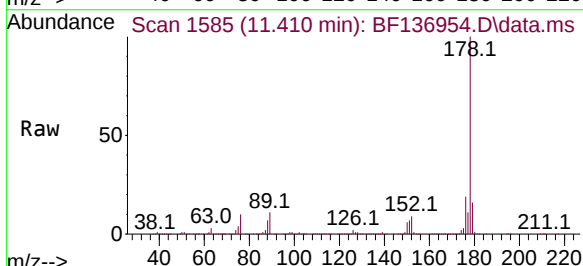
Tgt Ion:178 Resp: 3445651

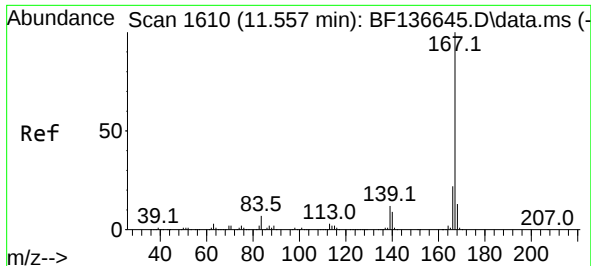
Ion Ratio Lower Upper

178 100

176 19.5 14.9 22.3

179 15.8 11.8 17.6

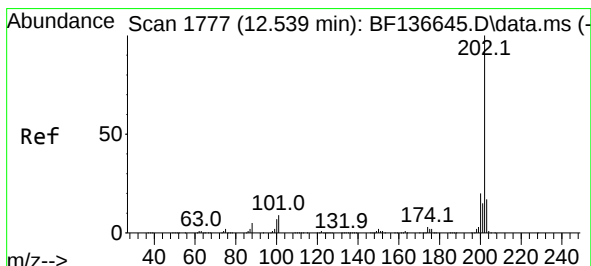
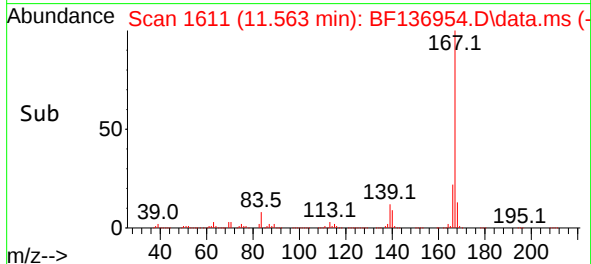
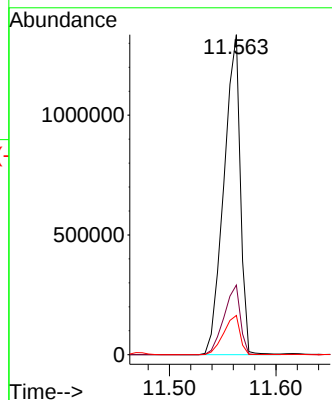
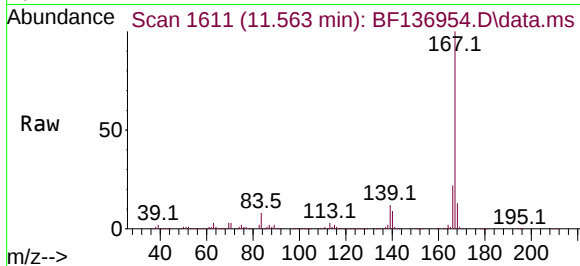




#73  
 Carbazole  
 Concen: 199.701 ng  
 RT: 11.563 min Scan# 1611  
 Delta R.T. 0.006 min  
 Lab File: BF136954.D  
 Acq: 04 Jan 2024 22:20

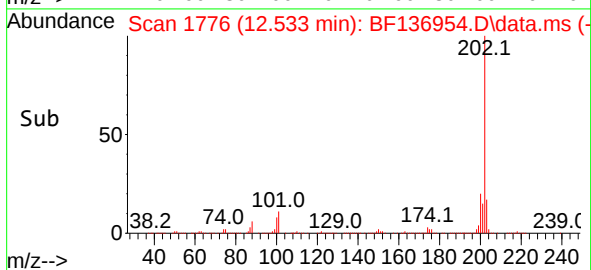
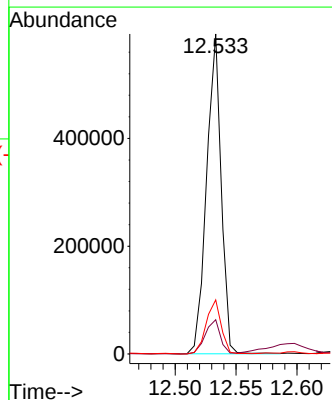
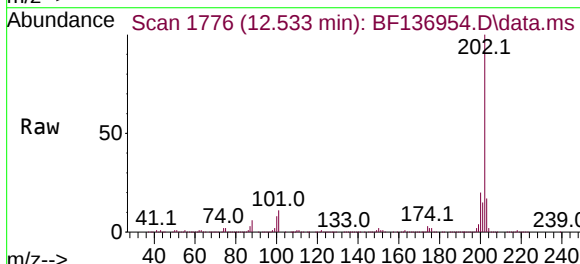
Instrument :  
 BNA\_F  
 ClientSampleId :  
 GHL-SS-18-0-2DL

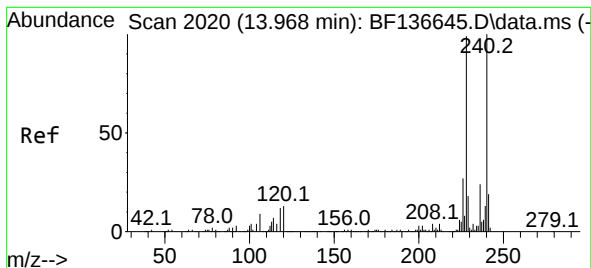
Tgt Ion:167 Resp: 1423172  
 Ion Ratio Lower Upper  
 167 100  
 166 21.7 17.3 25.9  
 139 12.2 9.8 14.6



#75  
 Fluoranthene  
 Concen: 61.920 ng  
 RT: 12.533 min Scan# 1776  
 Delta R.T. -0.006 min  
 Lab File: BF136954.D  
 Acq: 04 Jan 2024 22:20

Tgt Ion:202 Resp: 494343  
 Ion Ratio Lower Upper  
 202 100  
 101 10.7 0.0 29.3  
 203 16.9 0.0 37.1

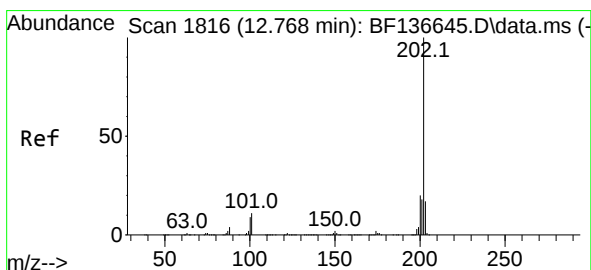
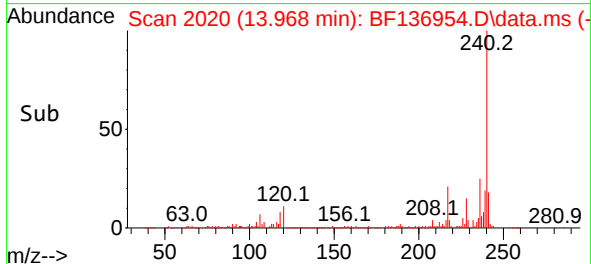
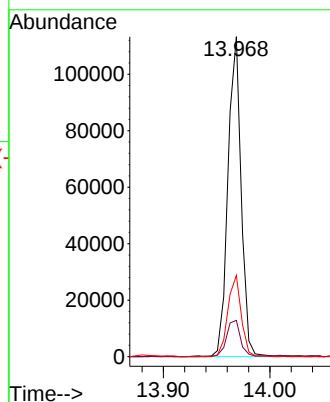
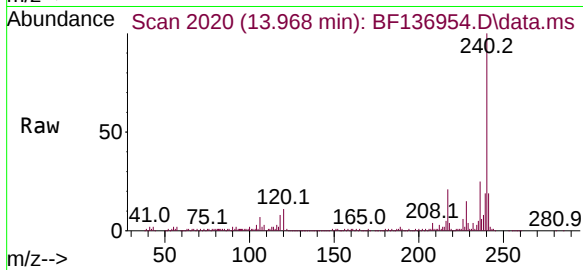




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.968 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: BF136954.D  
Acq: 04 Jan 2024 22:20

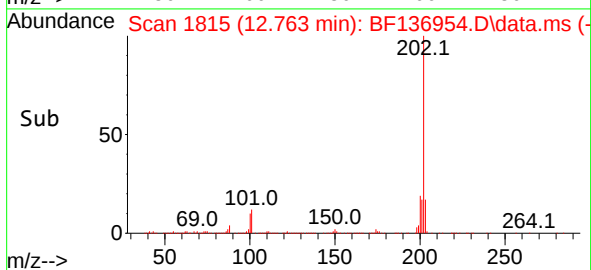
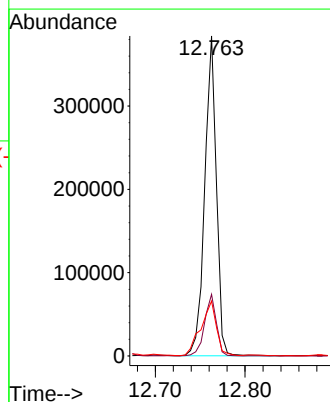
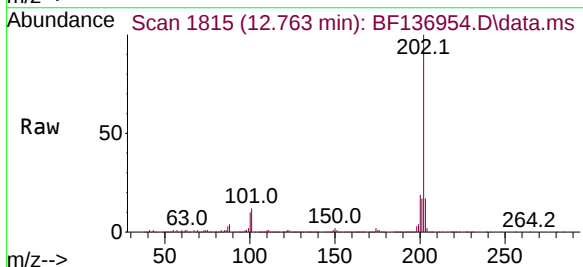
Instrument :  
BNA\_F  
ClientSampleId :  
GHL-SS-18-0-2DL

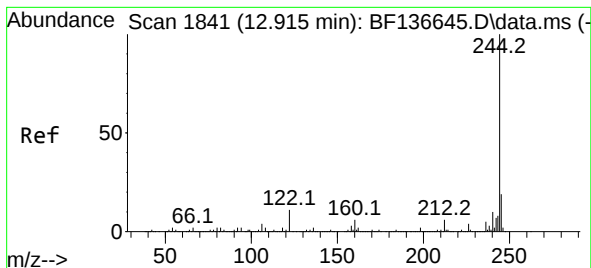
Tgt Ion:240 Resp: 97397  
Ion Ratio Lower Upper  
240 100  
120 11.3 10.3 15.5  
236 25.4 19.4 29.2



#78  
Pyrene  
Concen: 36.119 ng  
RT: 12.763 min Scan# 1815  
Delta R.T. -0.006 min  
Lab File: BF136954.D  
Acq: 04 Jan 2024 22:20

Tgt Ion:202 Resp: 345342  
Ion Ratio Lower Upper  
202 100  
200 19.2 15.9 23.9  
203 17.2 13.8 20.6





#79

Terphenyl-d14

Concen: 6.281 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136954.D

Acq: 04 Jan 2024 22:20

Instrument :

BNA\_F

ClientSampleId :

GHL-SS-18-0-2DL

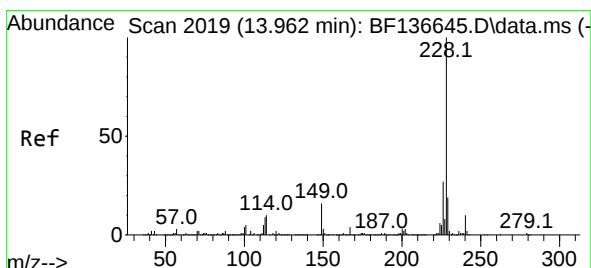
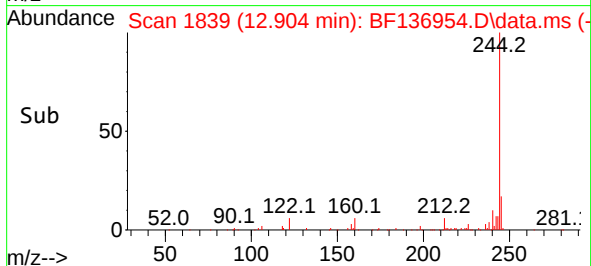
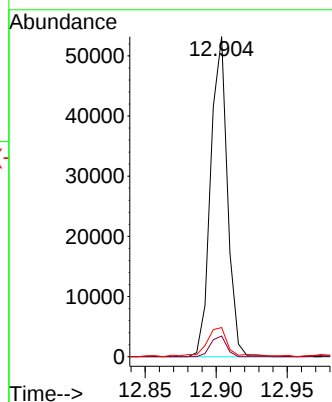
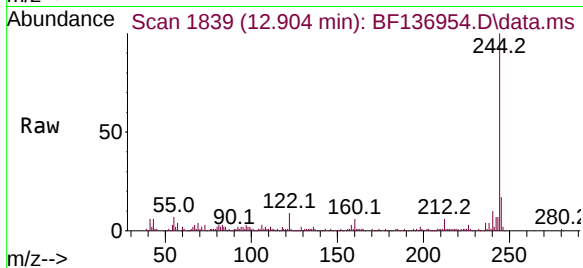
Tgt Ion:244 Resp: 43779

Ion Ratio Lower Upper

244 100

212 6.5 5.0 7.4

122 9.1 9.0 13.4



#81

Benzo(a)anthracene

Concen: 18.446 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF136954.D

Acq: 04 Jan 2024 22:20

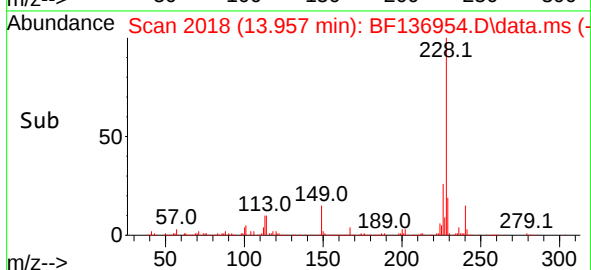
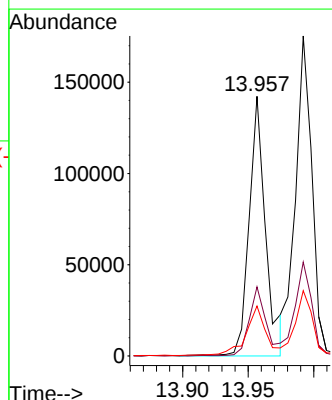
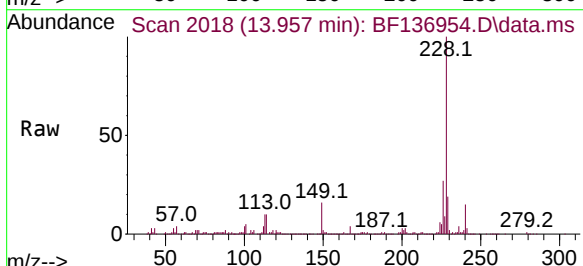
Tgt Ion:228 Resp: 124751

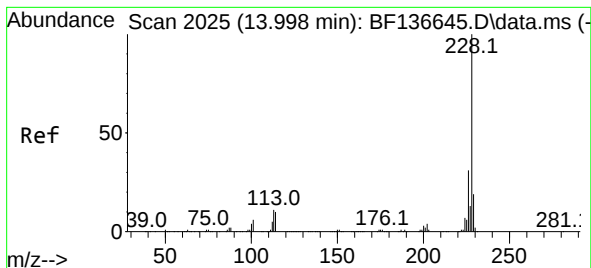
Ion Ratio Lower Upper

228 100

226 26.6 21.4 32.0

229 19.2 14.9 22.3





#83

Chrysene

Concen: 23.237 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136954.D

Acq: 04 Jan 2024 22:20

Instrument :

BNA\_F

ClientSampleId :

GHL-SS-18-0-2DL

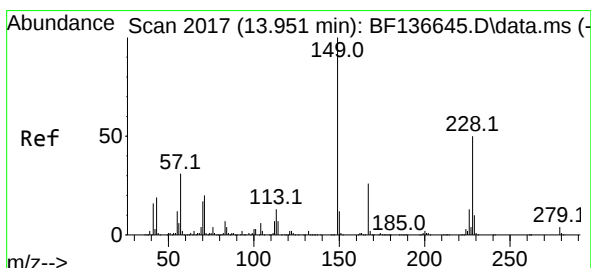
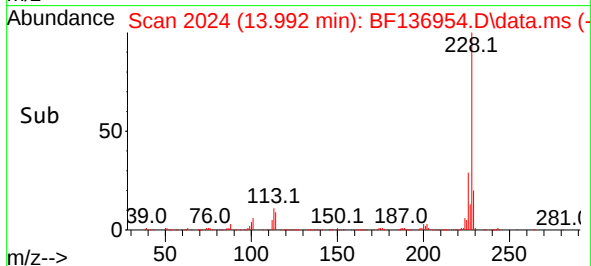
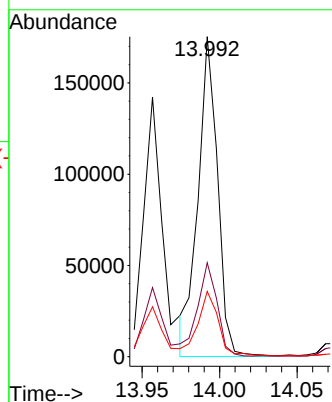
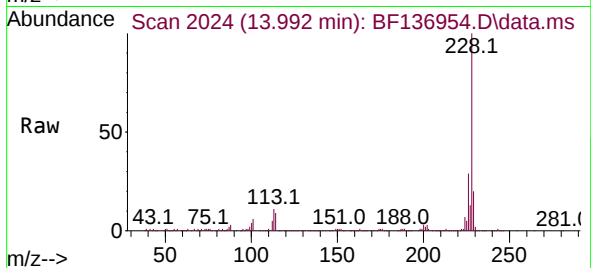
Tgt Ion:228 Resp: 153680

Ion Ratio Lower Upper

228 100

226 29.3 24.7 37.1

229 20.4 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.963 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136954.D

Acq: 04 Jan 2024 22:20

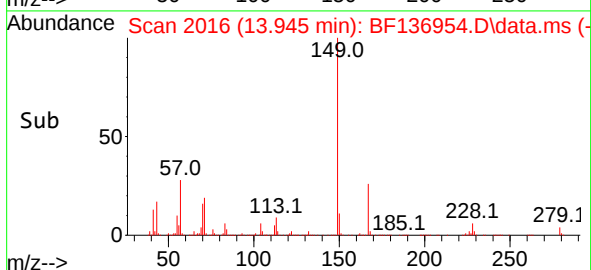
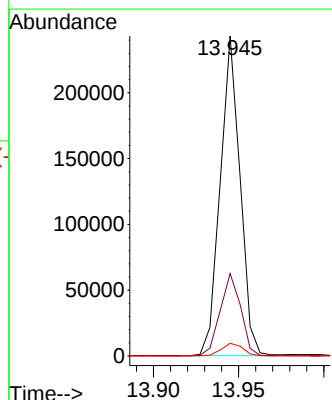
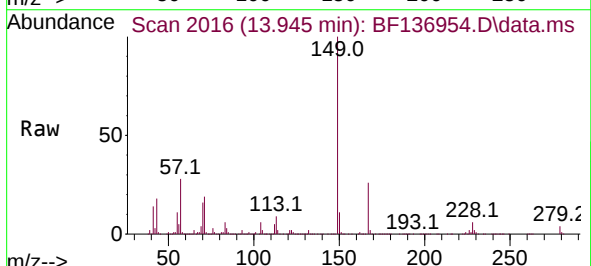
Tgt Ion:149 Resp: 196816

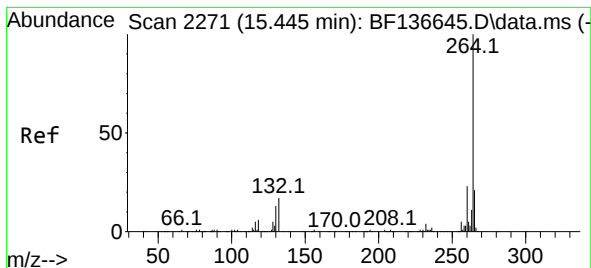
Ion Ratio Lower Upper

149 100

167 25.8 20.9 31.3

279 4.0 2.9 4.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136954.D

Acq: 04 Jan 2024 22:20

Instrument :

BNA\_F

ClientSampleId :

GHL-SS-18-0-2DL

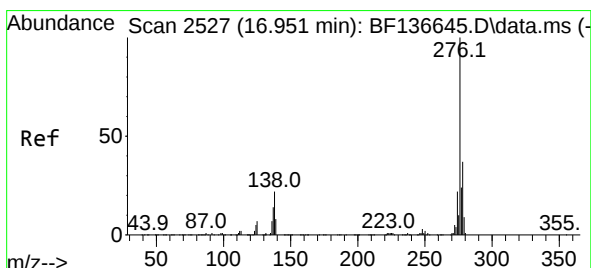
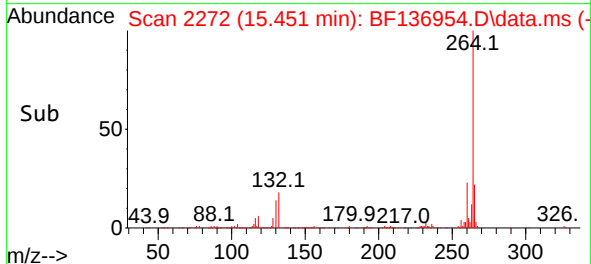
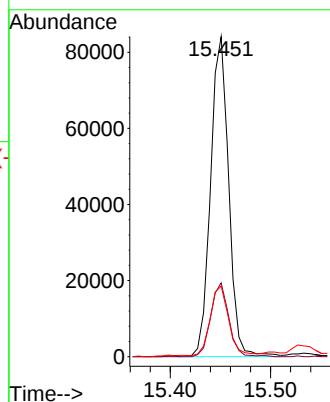
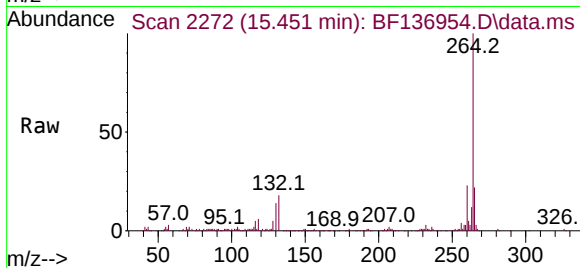
Tgt Ion:264 Resp: 105857

Ion Ratio Lower Upper

264 100

260 23.1 18.3 27.5

265 22.1 17.0 25.6



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.108 ng

RT: 16.962 min Scan# 2529

Delta R.T. 0.012 min

Lab File: BF136954.D

Acq: 04 Jan 2024 22:20

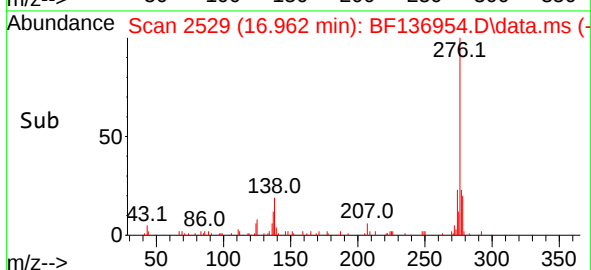
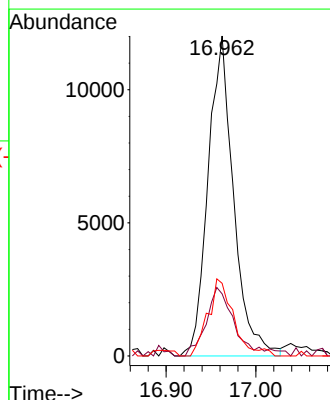
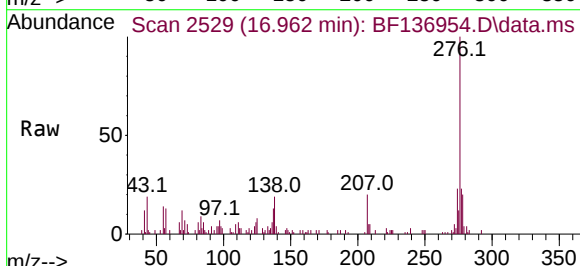
Tgt Ion:276 Resp: 23756

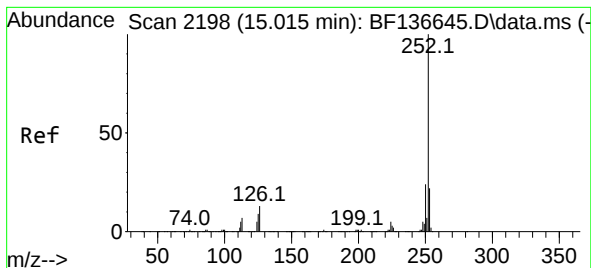
Ion Ratio Lower Upper

276 100

138 24.3 18.7 28.1

277 24.2 20.2 30.2





#88

Benzo(b)fluoranthene

Concen: 17.282 ng

RT: 15.015 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF136954.D

Acq: 04 Jan 2024 22:20

Instrument :

BNA\_F

ClientSampleId :

GHL-SS-18-0-2DL

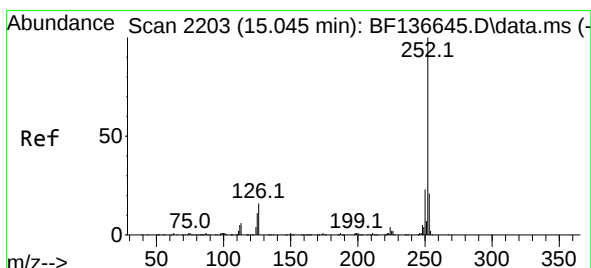
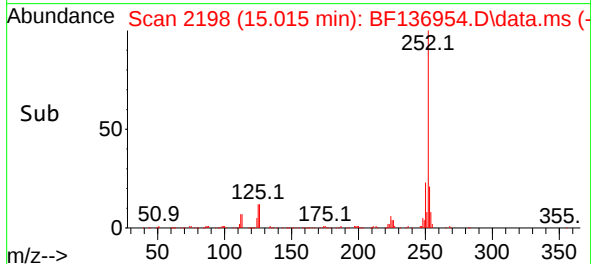
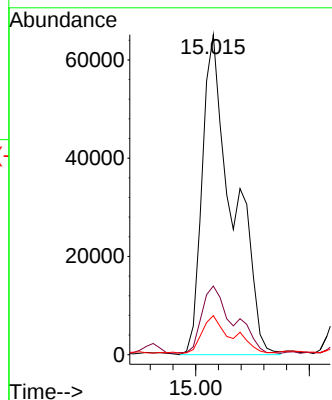
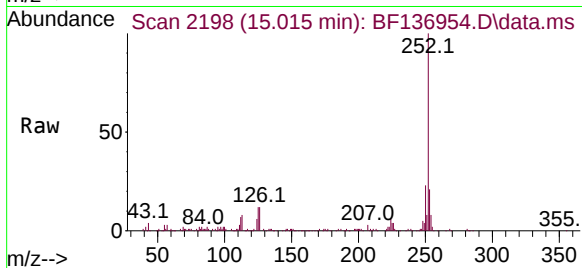
Tgt Ion:252 Resp: 122192

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

125 12.2 7.4 11.2#



#89

Benzo(k)fluoranthene

Concen: 18.290 ng

RT: 15.015 min Scan# 2198

Delta R.T. -0.029 min

Lab File: BF136954.D

Acq: 04 Jan 2024 22:20

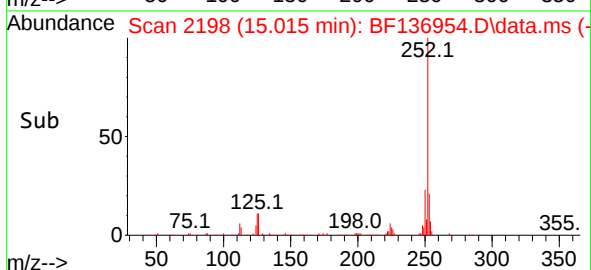
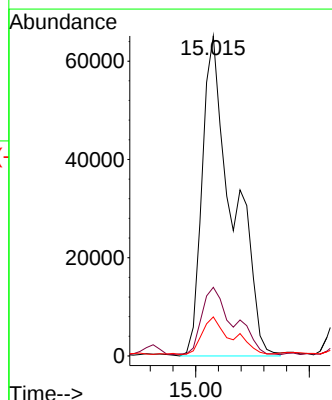
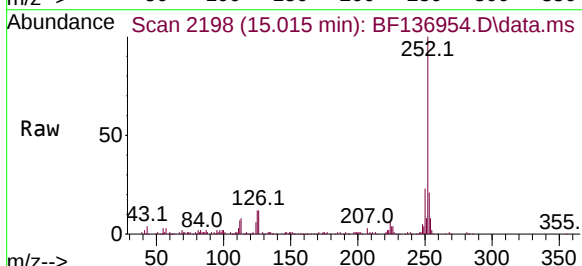
Tgt Ion:252 Resp: 122192

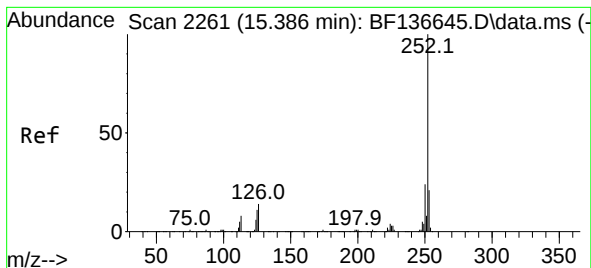
Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.6

125 12.2 8.2 12.4





#90

Benzo(a)pyrene

Concen: 7.927 ng

RT: 15.386 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136954.D

Acq: 04 Jan 2024 22:20

Instrument :

BNA\_F

ClientSampleId :

GHL-SS-18-0-2DL

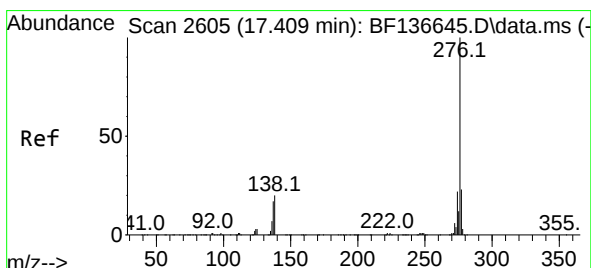
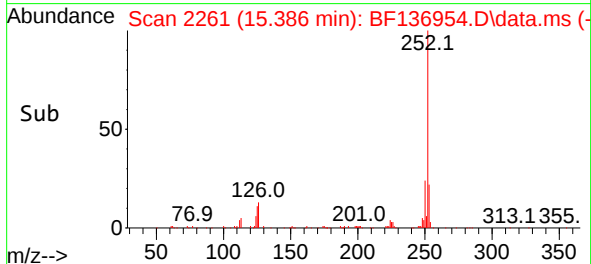
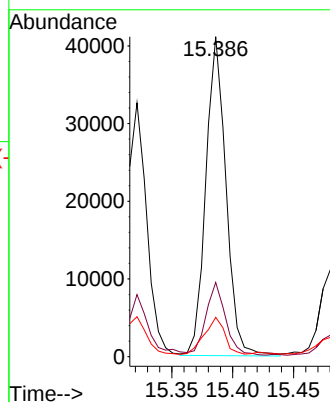
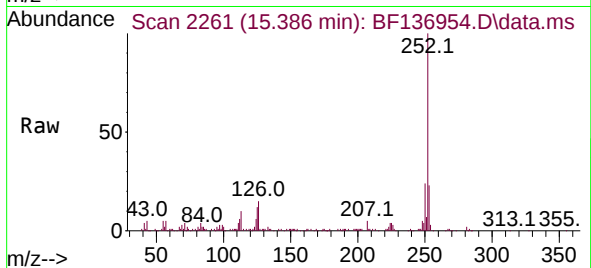
Tgt Ion:252 Resp: 47306

Ion Ratio Lower Upper

252 100

253 23.2 17.0 25.6

125 12.3 8.8 13.2



#92

Benzo(g,h,i)perylene

Concen: 2.932 ng

RT: 17.421 min Scan# 2607

Delta R.T. 0.012 min

Lab File: BF136954.D

Acq: 04 Jan 2024 22:20

Tgt Ion:276 Resp: 18827

Ion Ratio Lower Upper

276 100

277 24.8 18.3 27.5

138 26.7 15.6 23.4#

