

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010324\  
 Data File : BF136927.D  
 Acq On : 04 Jan 2024 01:35  
 Operator : CG\JU  
 Sample : 05899-21  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Jan 04 03:45:38 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  | 46172    | 20.000   | ng    | -0.01    |
| 21) Naphthalene-d8            | 8.063  | 136  | 148506   | 20.000   | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.816  | 164  | 66019    | 20.000   | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.316 | 188  | 125096   | 20.000   | ng    | 0.00     |
| 76) Chrysene-d12              | 13.998 | 240  | 93233    | 20.000   | ng    | 0.03     |
| 86) Perylene-d12              | 15.468 | 264  | 79860    | 20.000   | ng    | # 0.02   |
|                               |        |      |          |          |       |          |
| System Monitoring Compounds   |        |      |          |          |       |          |
| 5) 2-Fluorophenol             | 5.428  | 112  | 300174   | 101.437  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.440  | 99   | 333658   | 87.017   | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.345  | 82   | 192503   | 66.331   | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.616 | 330  | 79036    | 101.651  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.134  | 172  | 351564   | 71.623   | ng    | -0.02    |
| 79) Terphenyl-d14             | 12.933 | 244  | 445714   | 66.808   | ng    | 0.02     |
|                               |        |      |          |          |       |          |
| Target Compounds              |        |      |          |          |       | Qvalue   |
| 10) Phenol                    | 6.451  | 94   | 16525    | 4.037    | ng    | 89       |
| 19) n-Nitroso-di-n-propyla... | 7.345  | 70   | 25652    | 11.036   | ng    | # 74     |
| 25) Isophorone                | 7.345  | 82   | 191576   | 36.278   | ng    | # 65     |
| 31) Naphthalene               | 8.087  | 128  | 1406658  | 172.416  | ng    | 99       |
| 33) 4-Chloroaniline           | 8.087  | 127  | 189480   | 62.903   | ng    | # 32     |
| 35) Caprolactam               | 8.781  | 113  | 15637    | 21.742   | ng    | # 1      |
| 37) 2-Methylnaphthalene       | 8.781  | 142  | 721693   | 137.450  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.869  | 142  | 62982    | 12.227   | ng    | 95       |
| 46) 1,1'-Biphenyl             | 9.239  | 154  | 164912   | 29.767   | ng    | 99       |
| 48) 2-Nitroaniline            | 9.398  | 65   | 3512     | 2.663    | ng    | # 24     |
| 49) Acenaphthylene            | 9.681  | 152  | 149769   | 23.266   | ng    | 97       |
| 52) Acenaphthene              | 9.857  | 154  | 502437   | 125.911  | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 10.075 | 184  | 53       | 3.818    | ng    | # 1      |
| 55) Dibenzofuran              | 10.034 | 168  | 1218031  | 201.364  | ng    | 98       |
| 56) 4-Nitrophenol             | 10.034 | 139  | 434034   | 554.600  | ng    | # 9      |
| 58) Fluorene                  | 10.392 | 166  | 2170291  | 452.184  | ng    | 97       |
| 62) 4-Nitroaniline            | 10.392 | 138  | 23298    | 20.846   | ng    | # 24     |
| 69) Atrazine                  | 11.033 | 200  | 3376     | 3.248    | ng    | # 64     |
| 71) Phenanthrene              | 11.375 | 178  | 5670318  | 883.397  | ng    | 98       |
| 72) Anthracene                | 11.375 | 178  | 5670318  | 872.291  | ng    | 97       |
| 73) Carbazole                 | 11.639 | 167  | 10004907 | 1632.449 | ng    | 97       |
| 75) Fluoranthene              | 12.575 | 202  | 4124345  | 600.704  | ng    | 95       |
| 78) Pyrene                    | 12.810 | 202  | 1485956  | 162.357  | ng    | 99       |
| 81) Benzo(a)anthracene        | 13.992 | 228  | 971718   | 150.096  | ng    | 97       |
| 83) Chrysene                  | 14.027 | 228  | 1309995  | 206.921  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 13.980 | 149  | 1670569  | 398.693  | ng    | # 96     |
| 85) Di-n-octyl phthalate      | 14.574 | 149  | 31664    | 4.885    | ng    | # 74     |
| 87) Indeno(1,2,3-cd)pyrene    | 16.974 | 276  | 167155   | 28.990   | ng    | 95       |
| 88) Benzo(b)fluoranthene      | 15.045 | 252  | 885359   | 165.987  | ng    | # 97     |
| 89) Benzo(k)fluoranthene      | 15.045 | 252  | 885359   | 175.664  | ng    | 97       |
| 90) Benzo(a)pyrene            | 15.410 | 252  | 332279   | 73.801   | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 17.157 | 278  | 30725    | 6.495    | ng    | 96       |
| 92) Benzo(g,h,i)perylene      | 17.433 | 276  | 148151   | 30.578   | ng    | 98       |
| -----                         |        |      |          |          |       |          |

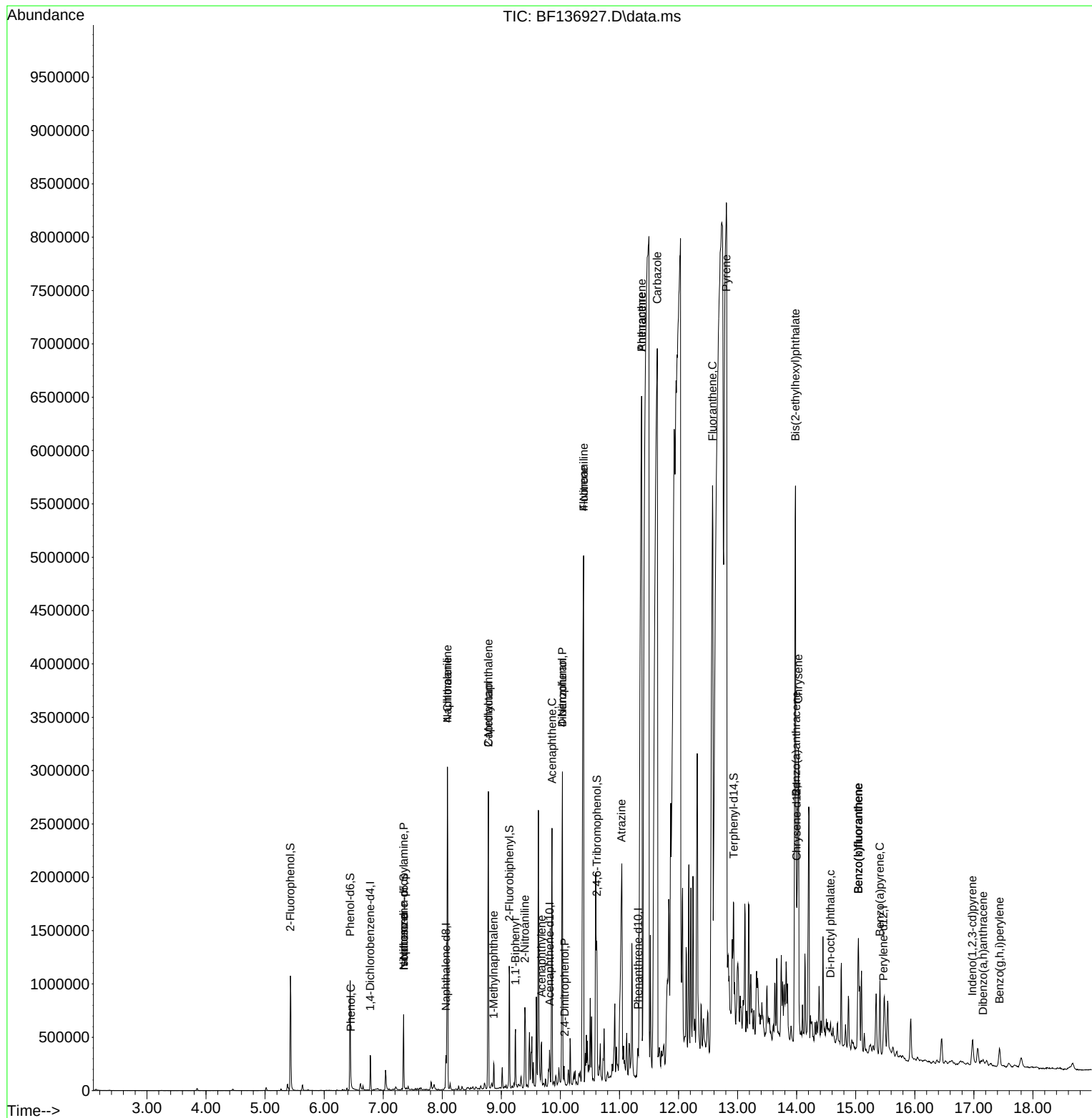
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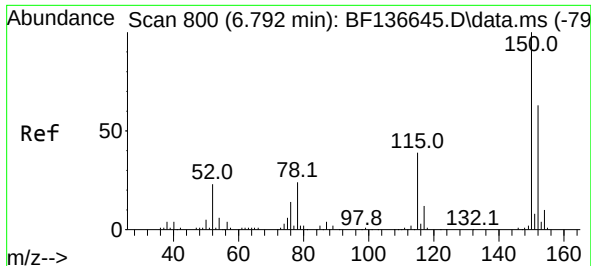
**Instrument :**  
BNA\_F  
**ClientSampleId :**  
GHL-SS-18-0-2

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010324\  
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ALS Vial : 18 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 21 01:54:25 2023  
Response via : Initial Calibration

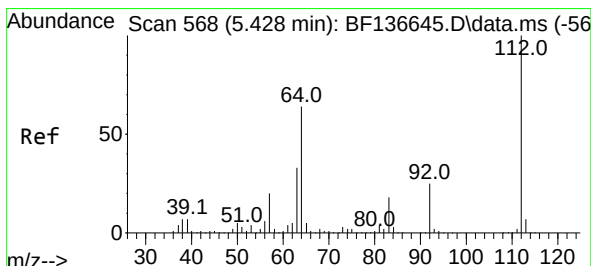
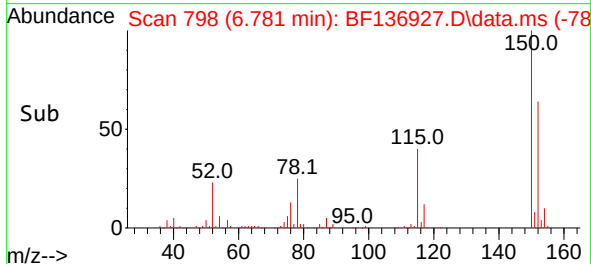
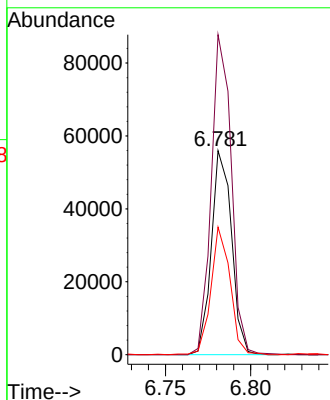
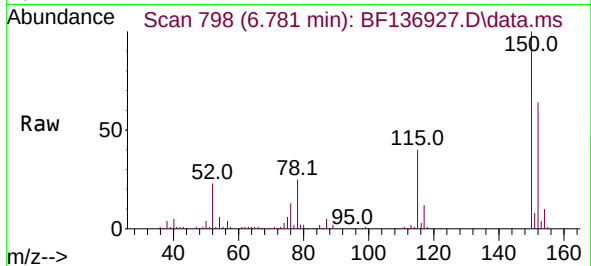




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.781 min Scan# 798  
Delta R.T. -0.011 min  
Lab File: BF136927.D  
Acq: 04 Jan 2024 01:35

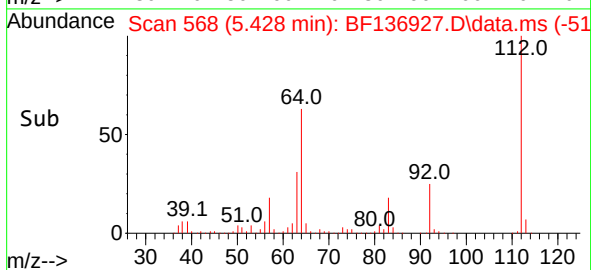
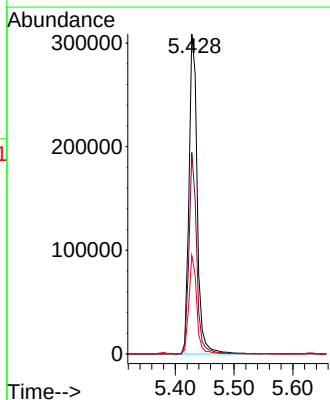
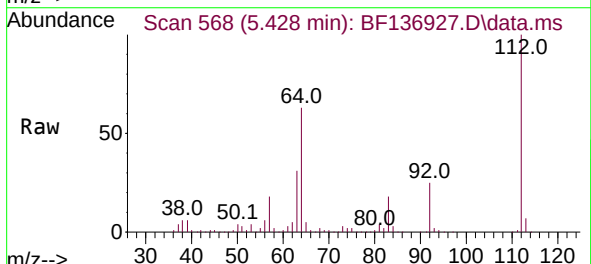
Instrument :  
BNA\_F  
ClientSampleId :  
GHL-SS-18-0-2

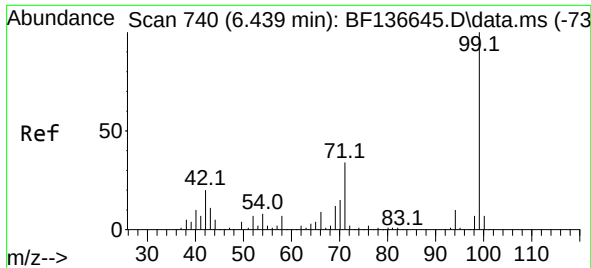
Tgt Ion:152 Resp: 46172  
Ion Ratio Lower Upper  
152 100  
150 156.8 127.0 190.6  
115 62.5 49.0 73.4



#5  
2-Fluorophenol  
Concen: 101.437 ng  
RT: 5.428 min Scan# 568  
Delta R.T. 0.000 min  
Lab File: BF136927.D  
Acq: 04 Jan 2024 01:35

Tgt Ion:112 Resp: 300174  
Ion Ratio Lower Upper  
112 100  
64 62.9 51.1 76.7  
63 30.7 26.1 39.1

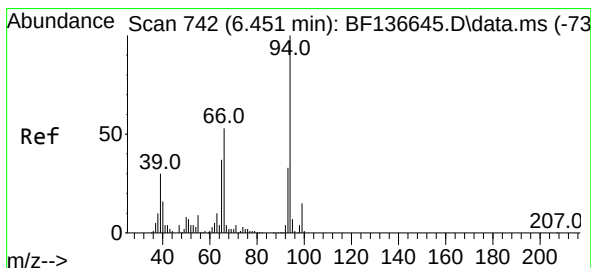
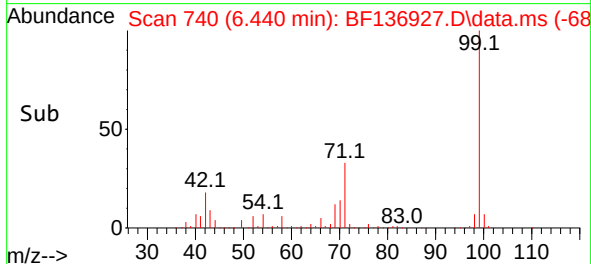
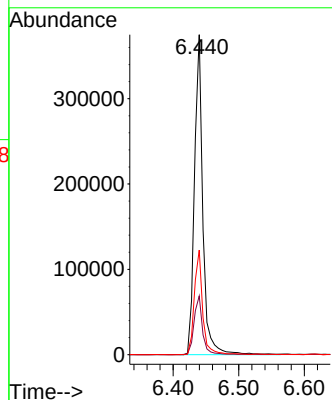
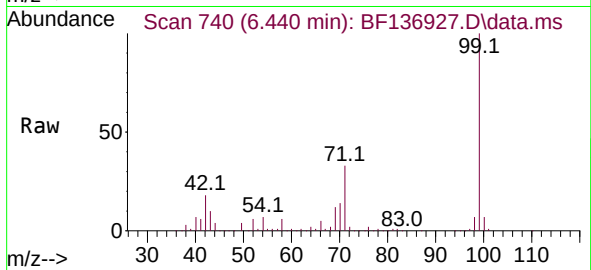




#7  
Phenol-d6  
Concen: 87.017 ng  
RT: 6.440 min Scan# 740  
Delta R.T. 0.000 min  
Lab File: BF136927.D  
Acq: 04 Jan 2024 01:35

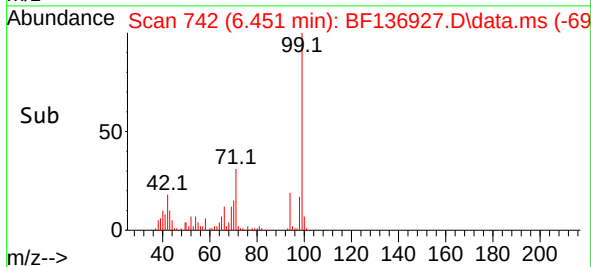
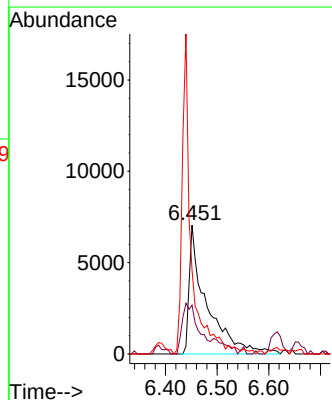
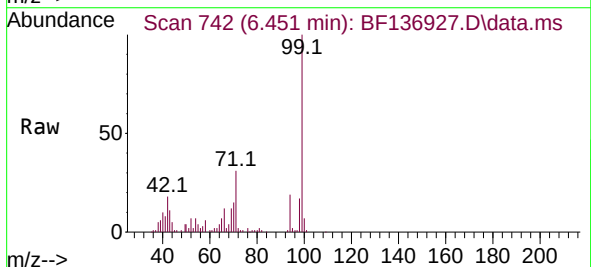
Instrument :  
BNA\_F  
ClientSampleId :  
GHL-SS-18-0-2

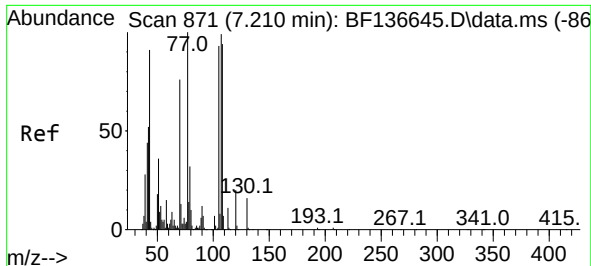
Tgt Ion: 99 Resp: 333658  
Ion Ratio Lower Upper  
99 100  
42 18.4 16.1 24.1  
71 32.7 27.4 41.2



#10  
Phenol  
Concen: 4.037 ng  
RT: 6.451 min Scan# 742  
Delta R.T. 0.000 min  
Lab File: BF136927.D  
Acq: 04 Jan 2024 01:35

Tgt Ion: 94 Resp: 16525  
Ion Ratio Lower Upper  
94 100  
65 37.9 16.6 56.6  
66 65.2 32.6 72.6

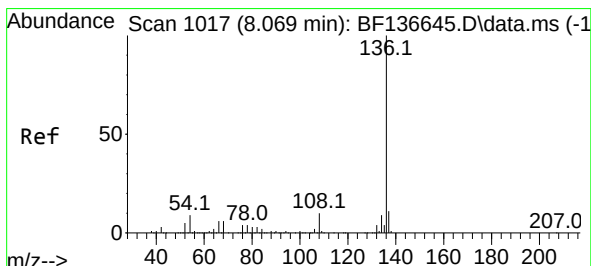
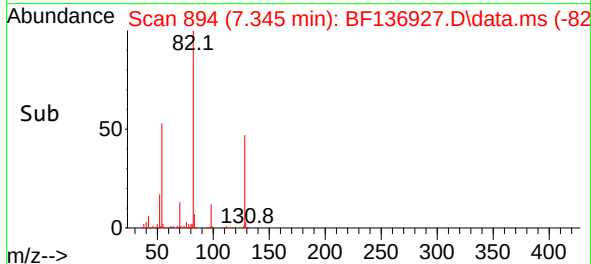
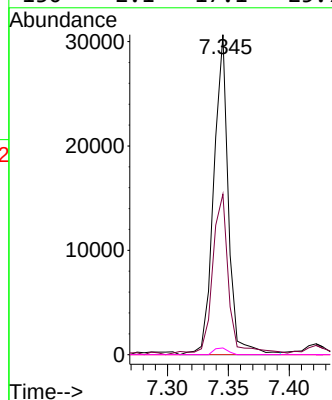
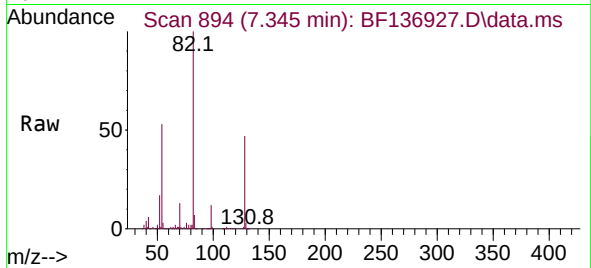




#19  
n-Nitroso-di-n-propylamine  
Concen: 11.036 ng  
RT: 7.345 min Scan# 894  
Delta R.T. 0.135 min  
Lab File: BF136927.D  
Acq: 04 Jan 2024 01:35

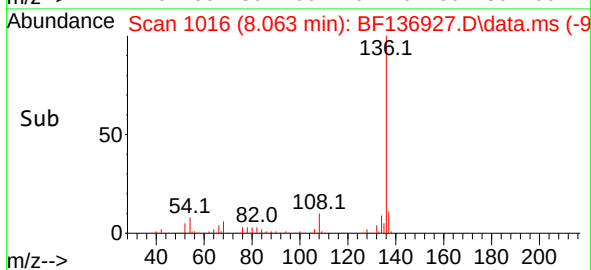
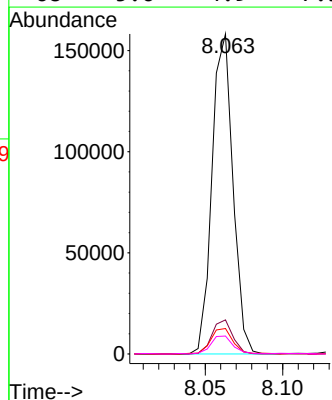
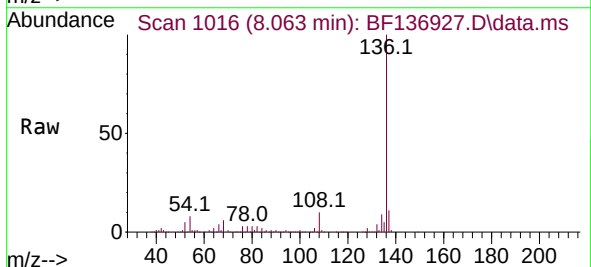
Instrument :  
BNA\_F  
ClientSampleId :  
GHL-SS-18-0-2

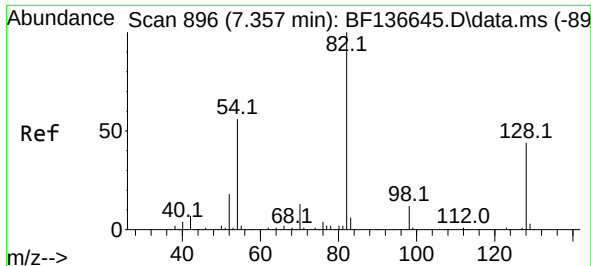
Tgt Ion: 70 Resp: 25652  
Ion Ratio Lower Upper  
70 100  
42 50.1 54.2 81.4#  
101 0.0 7.6 11.4#  
130 2.1 17.1 25.7#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.063 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: BF136927.D  
Acq: 04 Jan 2024 01:35

Tgt Ion: 136 Resp: 148506  
Ion Ratio Lower Upper  
136 100  
137 10.6 9.0 13.4  
54 7.9 7.2 10.8  
68 5.6 4.9 7.3





#23

Nitrobenzene-d5

Concen: 66.331 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF136927.D

Acq: 04 Jan 2024 01:35

Instrument :

BNA\_F

ClientSampleId :

GHL-SS-18-0-2

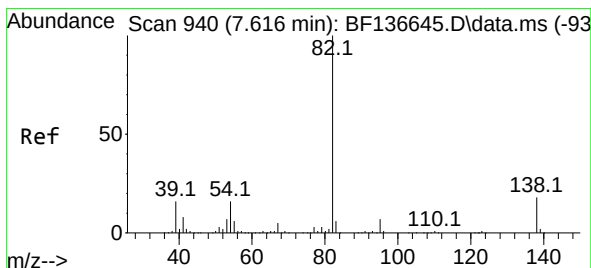
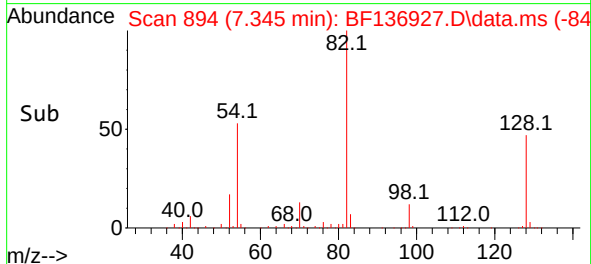
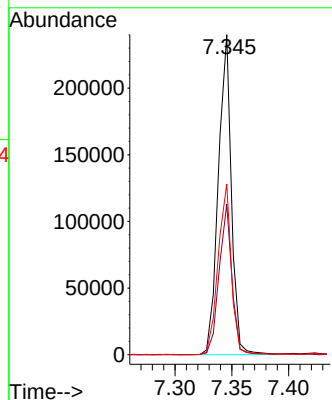
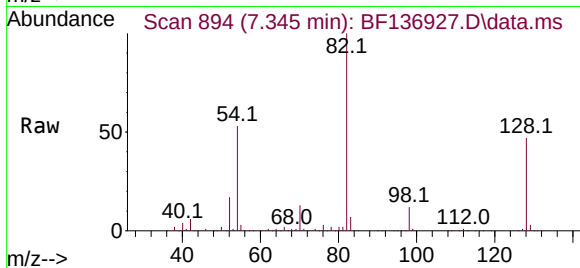
Tgt Ion: 82 Resp: 192503

Ion Ratio Lower Upper

82 100

128 47.1 35.3 52.9

54 53.4 44.5 66.7



#25

Isophorone

Concen: 36.278 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.270 min

Lab File: BF136927.D

Acq: 04 Jan 2024 01:35

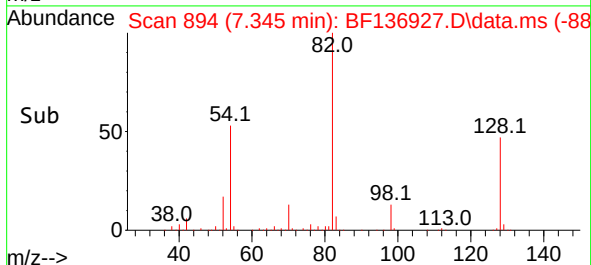
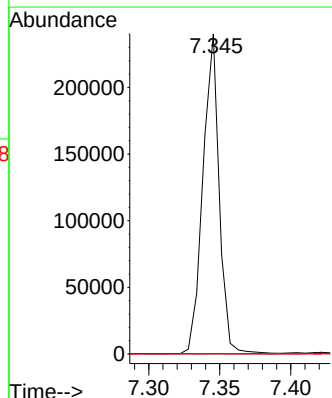
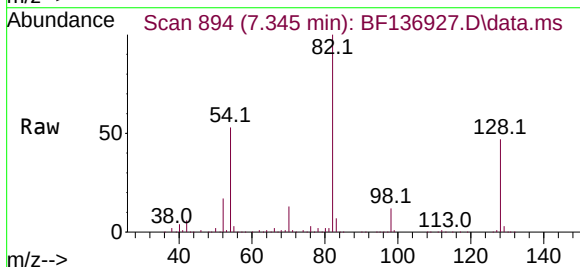
Tgt Ion: 82 Resp: 191576

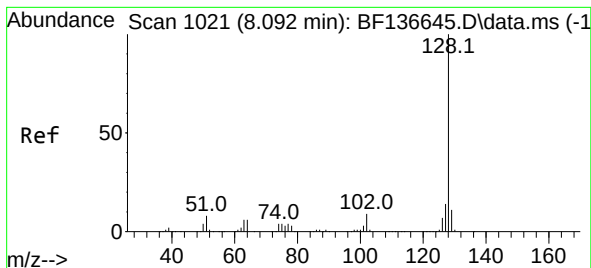
Ion Ratio Lower Upper

82 100

95 0.1 5.5 8.3#

138 0.0 14.5 21.7#





#31

Naphthalene

Concen: 172.416 ng

RT: 8.087 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF136927.D

Acq: 04 Jan 2024 01:35

Instrument :

BNA\_F

ClientSampleId :

GHL-SS-18-0-2

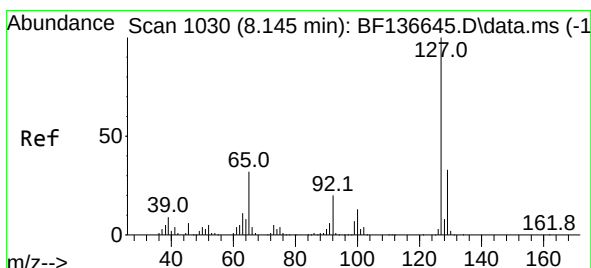
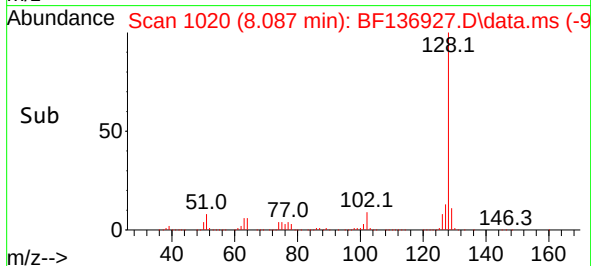
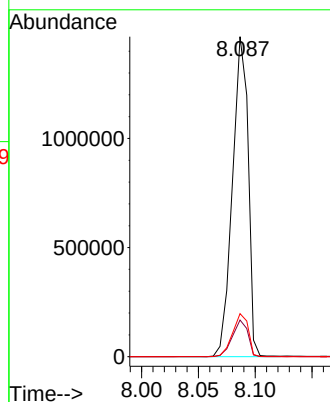
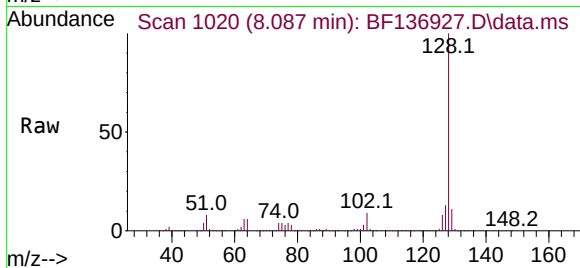
Tgt Ion:128 Resp: 1406658

Ion Ratio Lower Upper

128 100

129 11.5 8.7 13.1

127 13.4 10.8 16.2



#33

4-Chloroaniline

Concen: 62.903 ng

RT: 8.087 min Scan# 1020

Delta R.T. -0.059 min

Lab File: BF136927.D

Acq: 04 Jan 2024 01:35

Tgt Ion:127 Resp: 189480

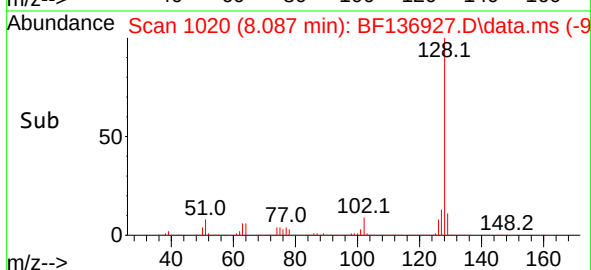
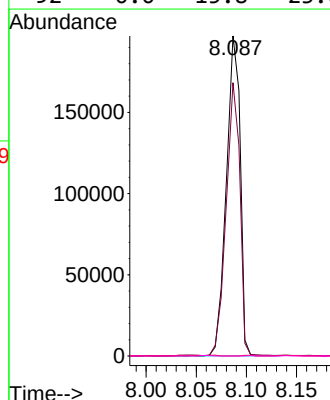
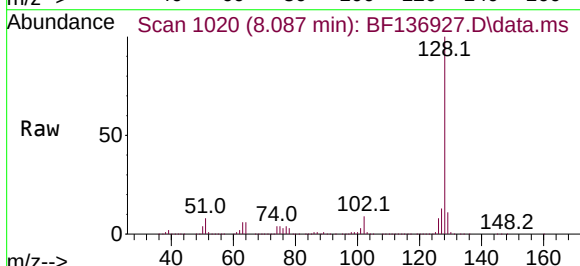
Ion Ratio Lower Upper

127 100

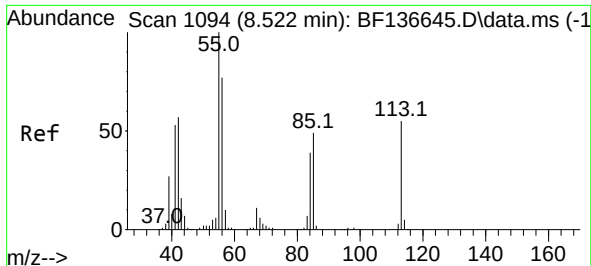
129 85.4 26.3 39.5#

65 0.0 25.8 38.8#

92 0.0 15.8 23.6#



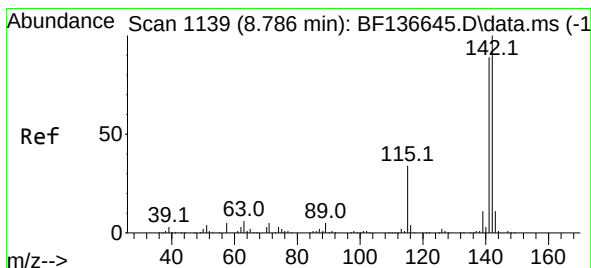
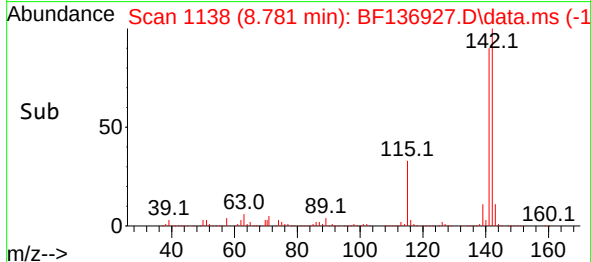
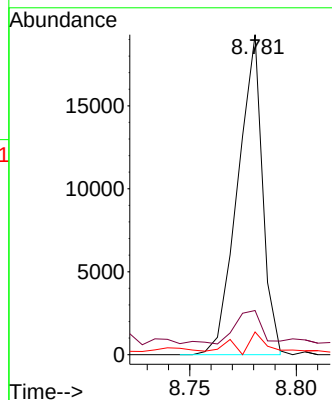
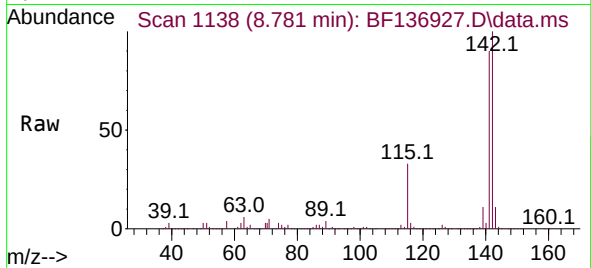




#35  
 Caprolactam  
 Concen: 21.742 ng  
 RT: 8.781 min Scan# 1138  
 Delta R.T. 0.259 min  
 Lab File: BF136927.D  
 Acq: 04 Jan 2024 01:35

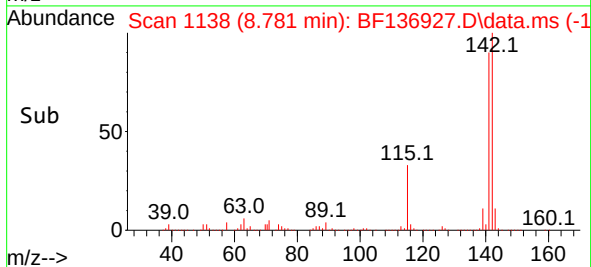
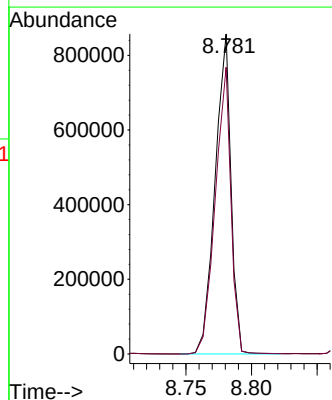
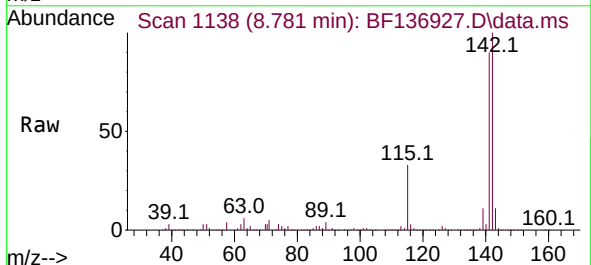
Instrument :  
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 GHL-SS-18-0-2

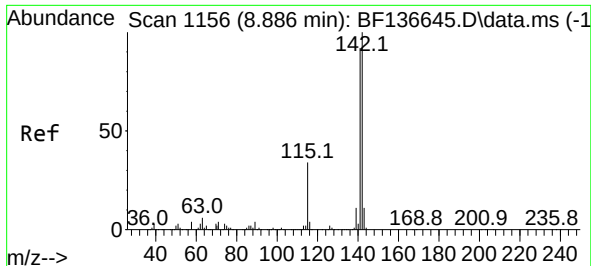
Tgt Ion:113 Resp: 15637  
 Ion Ratio Lower Upper  
 113 100  
 55 13.8 163.1 203.1#  
 56 7.1 121.7 161.7#



#37  
 2-Methylnaphthalene  
 Concen: 137.450 ng  
 RT: 8.781 min Scan# 1138  
 Delta R.T. -0.006 min  
 Lab File: BF136927.D  
 Acq: 04 Jan 2024 01:35

Tgt Ion:142 Resp: 721693  
 Ion Ratio Lower Upper  
 142 100  
 141 89.6 71.1 106.7

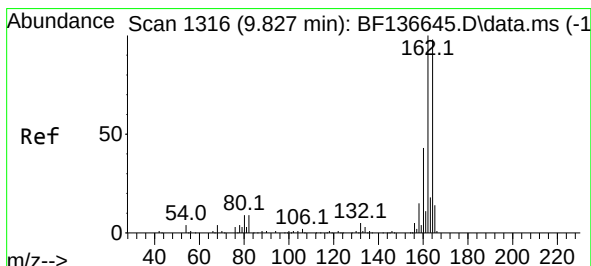
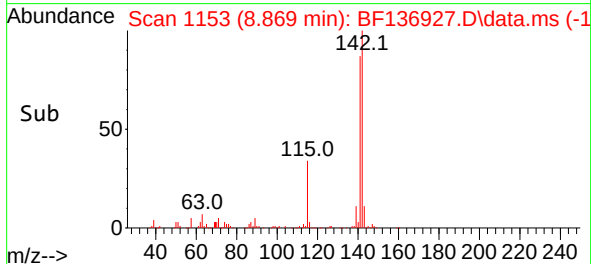
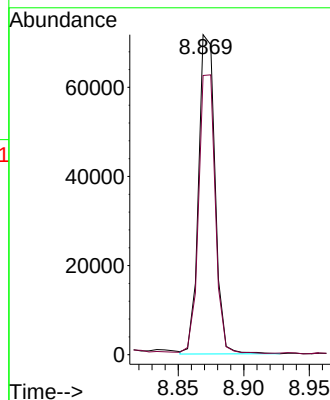
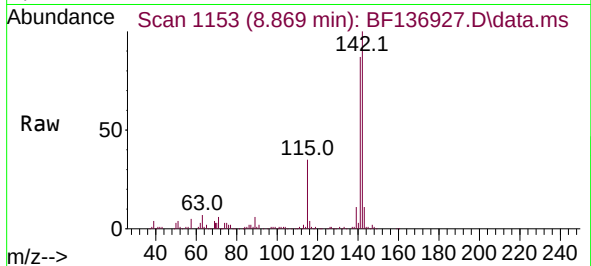




#38  
1-Methylnaphthalene  
Concen: 12.227 ng  
RT: 8.869 min Scan# 1156  
Delta R.T. -0.017 min  
Lab File: BF136927.D  
Acq: 04 Jan 2024 01:35

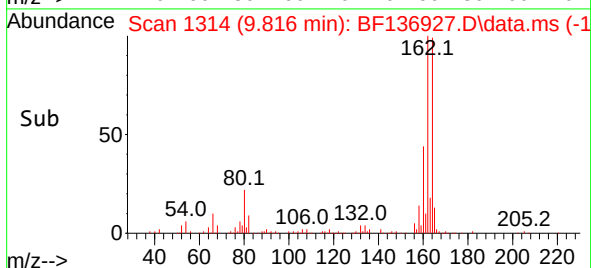
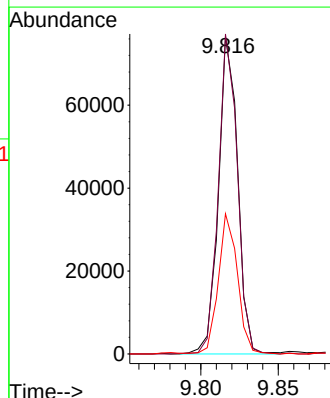
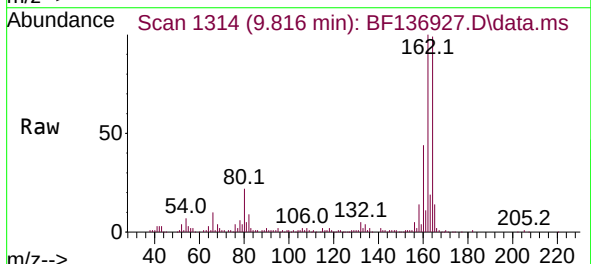
Instrument :  
BNA\_F  
ClientSampleId :  
GHL-SS-18-0-2

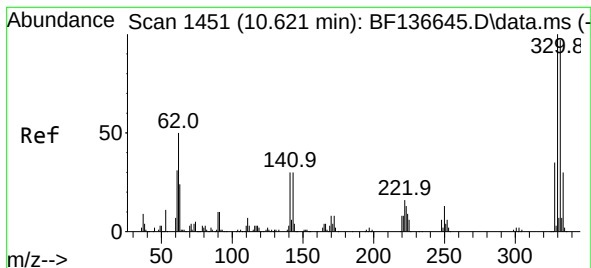
Tgt Ion:142 Resp: 62982  
Ion Ratio Lower Upper  
142 100  
141 87.2 73.6 110.4



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.816 min Scan# 1314  
Delta R.T. -0.012 min  
Lab File: BF136927.D  
Acq: 04 Jan 2024 01:35

Tgt Ion:164 Resp: 66019  
Ion Ratio Lower Upper  
164 100  
162 100.8 81.6 122.4  
160 44.1 34.9 52.3

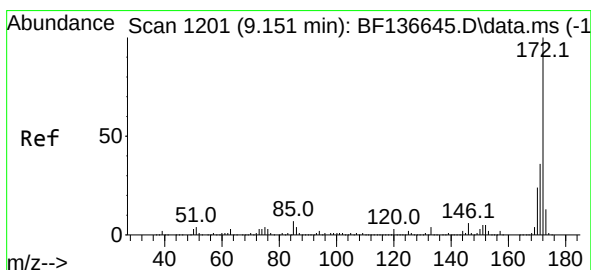
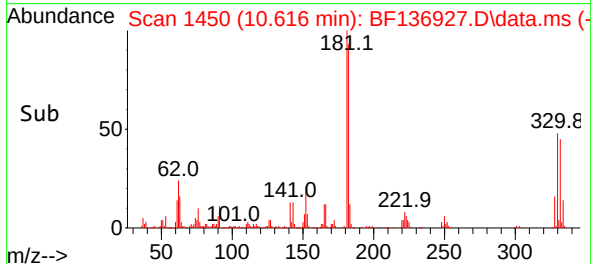
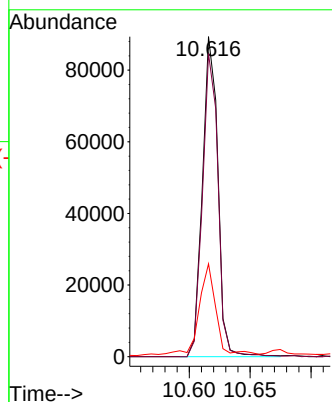
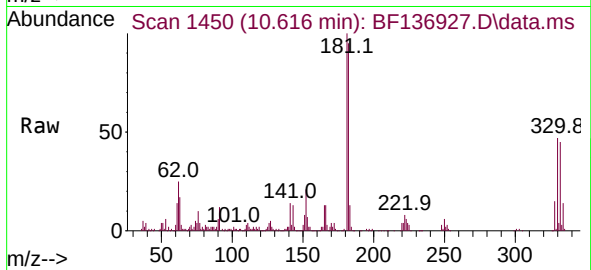




#42  
2,4,6-Tribromophenol  
Concen: 101.651 ng  
RT: 10.616 min Scan# 1451  
Delta R.T. -0.006 min  
Lab File: BF136927.D  
Acq: 04 Jan 2024 01:35

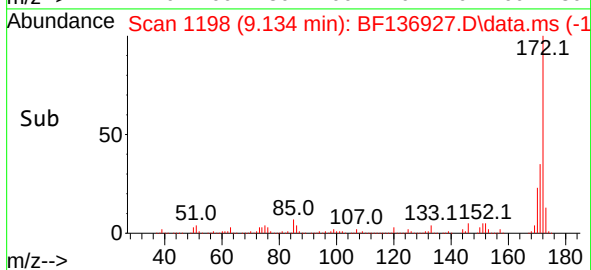
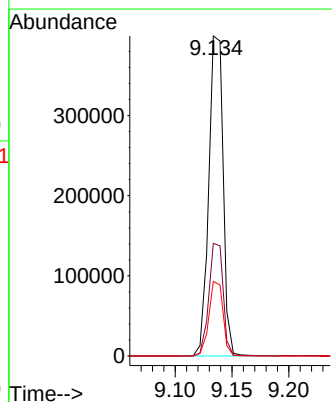
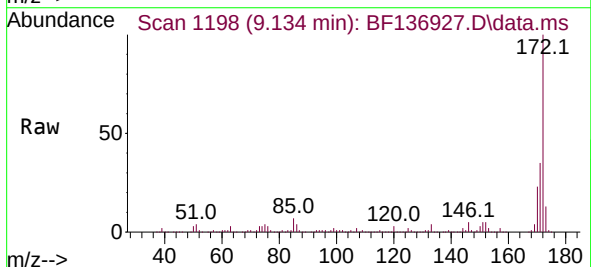
Instrument :  
BNA\_F  
ClientSampleId :  
GHL-SS-18-0-2

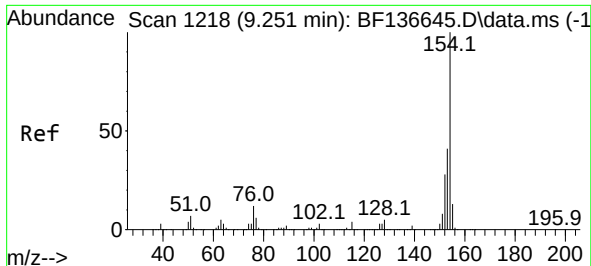
Tgt Ion:330 Resp: 79036  
Ion Ratio Lower Upper  
330 100  
332 95.3 77.4 116.0  
141 32.3 23.4 35.2



#45  
2-Fluorobiphenyl  
Concen: 71.623 ng  
RT: 9.134 min Scan# 1198  
Delta R.T. -0.017 min  
Lab File: BF136927.D  
Acq: 04 Jan 2024 01:35

Tgt Ion:172 Resp: 351564  
Ion Ratio Lower Upper  
172 100  
171 35.2 29.0 43.6  
170 23.3 19.0 28.4





#46

1,1'-Biphenyl

Concen: 29.767 ng

RT: 9.239 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136927.D

Acq: 04 Jan 2024 01:35

Instrument :

BNA\_F

ClientSampleId :

GHL-SS-18-0-2

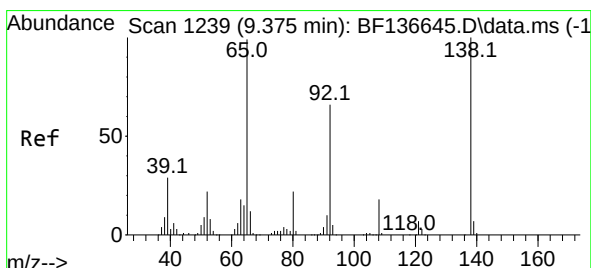
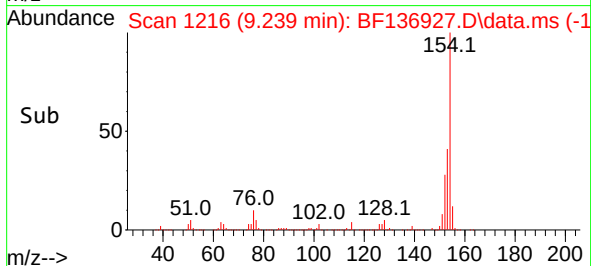
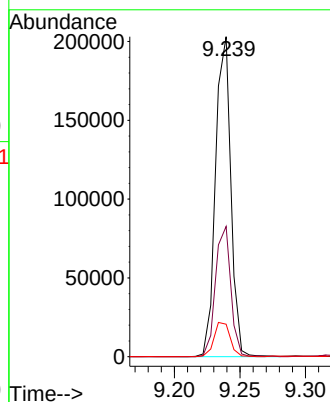
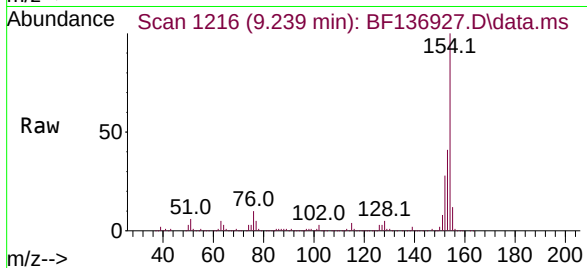
Tgt Ion:154 Resp: 164912

Ion Ratio Lower Upper

154 100

153 40.7 21.1 61.1

76 10.2 0.0 31.7



#48

2-Nitroaniline

Concen: 2.663 ng

RT: 9.398 min Scan# 1243

Delta R.T. 0.024 min

Lab File: BF136927.D

Acq: 04 Jan 2024 01:35

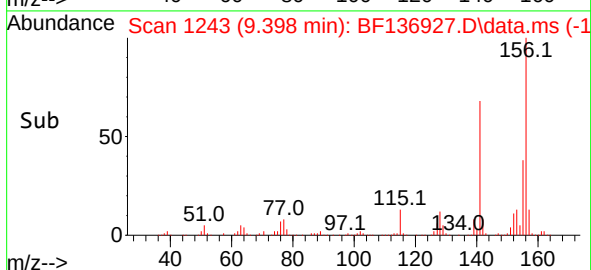
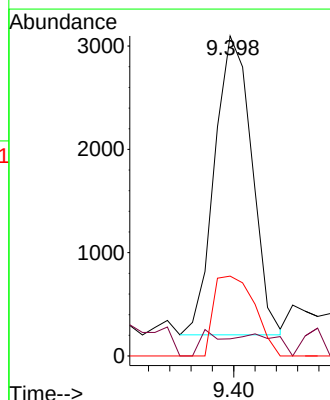
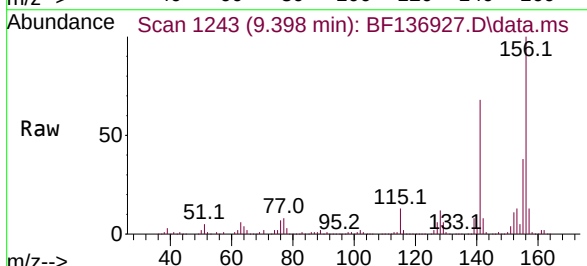
Tgt Ion: 65 Resp: 3512

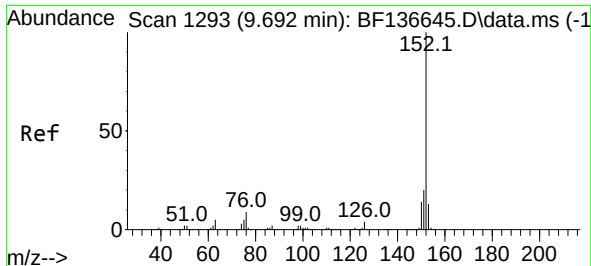
Ion Ratio Lower Upper

65 100

92 5.4 53.2 79.8#

138 25.0 81.1 121.7#

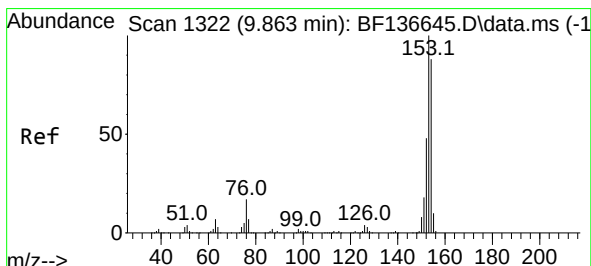
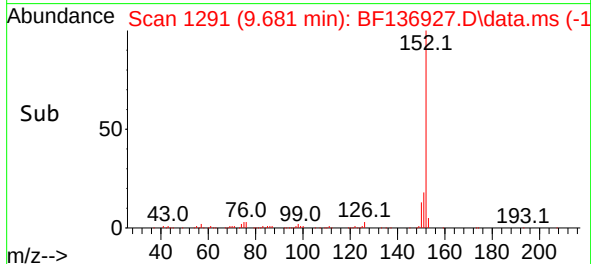
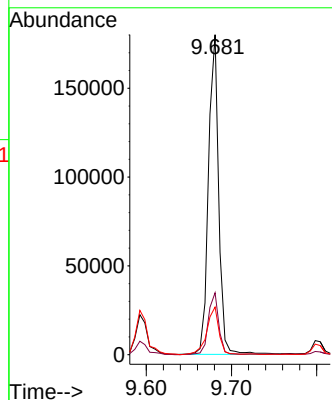
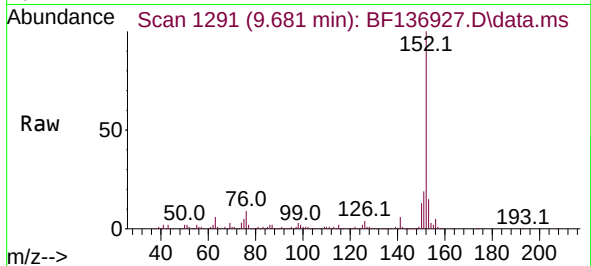




#49  
Acenaphthylene  
Concen: 23.266 ng  
RT: 9.681 min Scan# 1291  
Delta R.T. -0.012 min  
Lab File: BF136927.D  
Acq: 04 Jan 2024 01:35

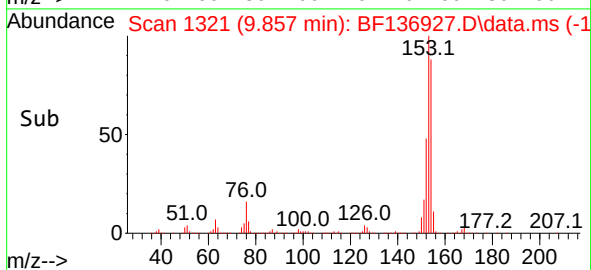
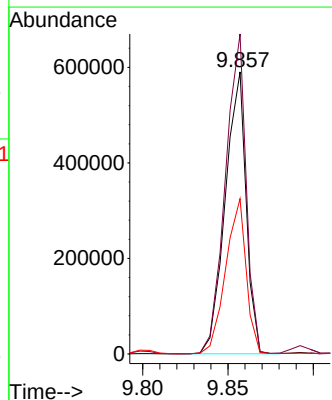
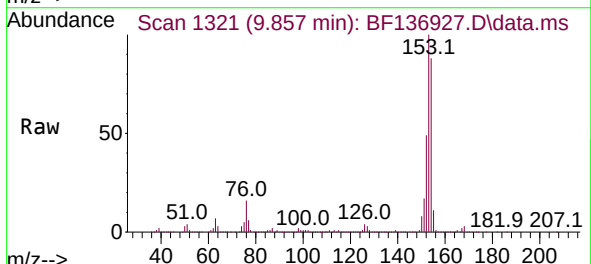
Instrument :  
BNA\_F  
ClientSampleId :  
GHL-SS-18-0-2

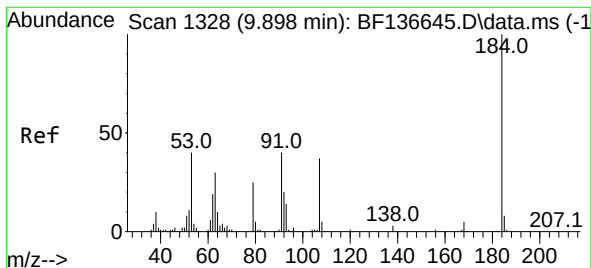
Tgt Ion:152 Resp: 149769  
Ion Ratio Lower Upper  
152 100  
151 19.4 16.2 24.4  
153 14.9 10.2 15.2



#52  
Acenaphthene  
Concen: 125.911 ng  
RT: 9.857 min Scan# 1321  
Delta R.T. -0.006 min  
Lab File: BF136927.D  
Acq: 04 Jan 2024 01:35

Tgt Ion:154 Resp: 502437  
Ion Ratio Lower Upper  
154 100  
153 113.4 90.7 136.1  
152 55.0 43.7 65.5





#54

2,4-Dinitrophenol

Concen: 3.818 ng

RT: 10.075 min Scan# 1

Delta R.T. 0.177 min

Lab File: BF136927.D

Acq: 04 Jan 2024 01:35

Instrument :

BNA\_F

ClientSampleId :

GHL-SS-18-0-2

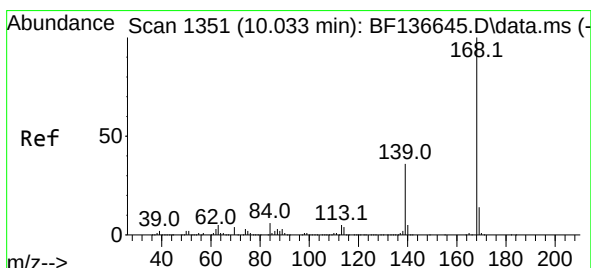
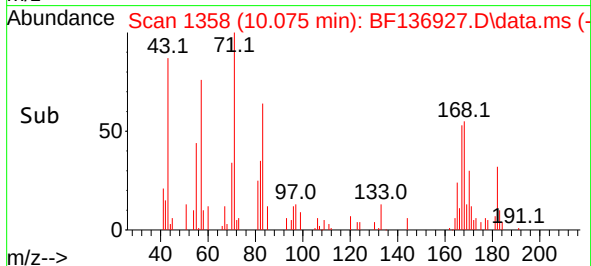
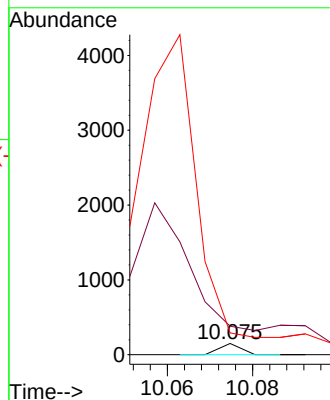
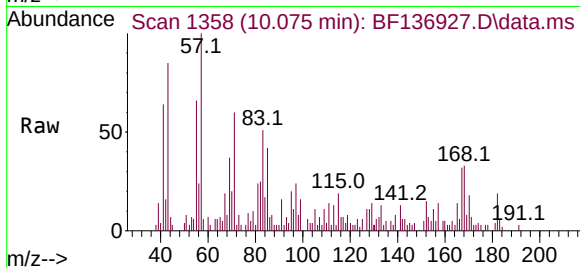
Tgt Ion:184 Resp: 53

Ion Ratio Lower Upper

184 100

63 253.0 40.9 61.3#

154 193.4 42.7 64.1#



#55

Dibenzofuran

Concen: 201.364 ng

RT: 10.034 min Scan# 1351

Delta R.T. 0.000 min

Lab File: BF136927.D

Acq: 04 Jan 2024 01:35

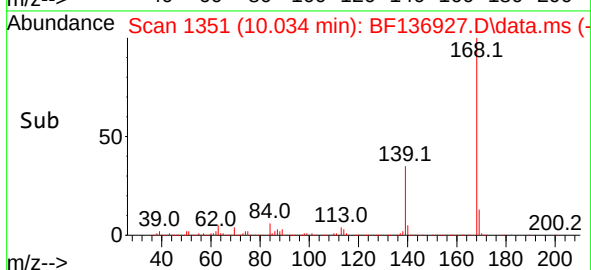
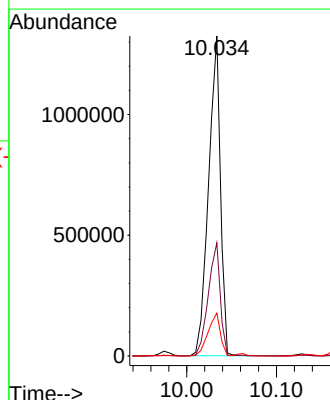
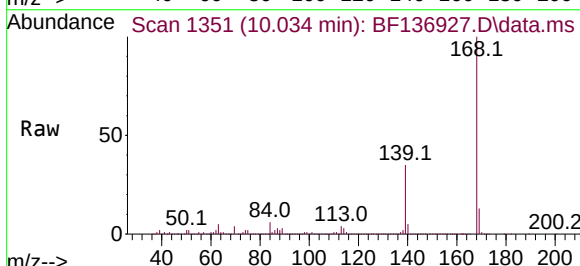
Tgt Ion:168 Resp: 1218031

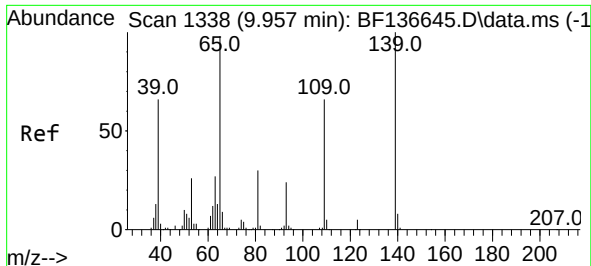
Ion Ratio Lower Upper

168 100

139 35.4 29.3 43.9

169 13.4 11.0 16.4

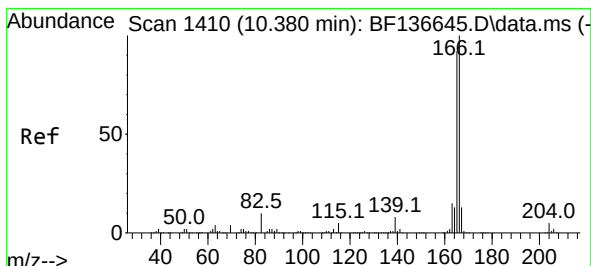
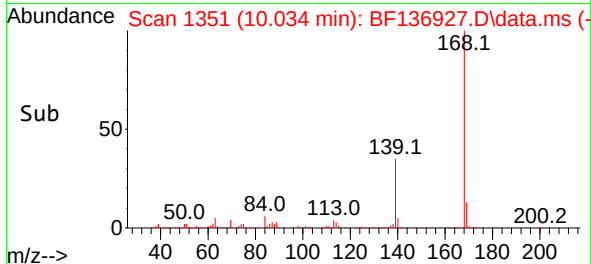
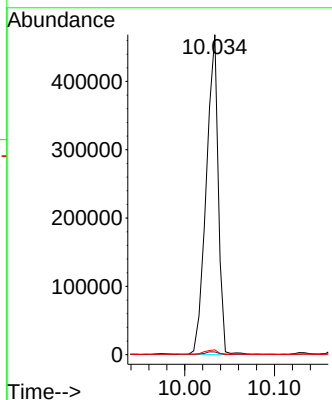
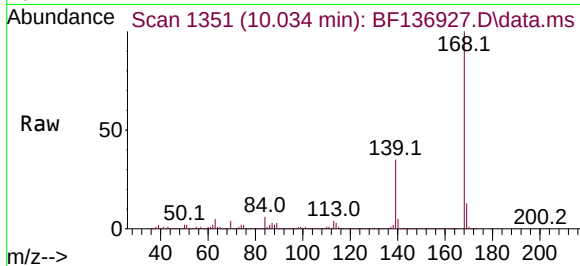




#56  
4-Nitrophenol  
Concen: 554.600 ng  
RT: 10.034 min Scan# 11  
Delta R.T. 0.077 min  
Lab File: BF136927.D  
Acq: 04 Jan 2024 01:35

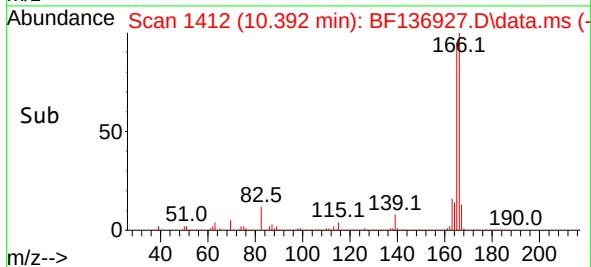
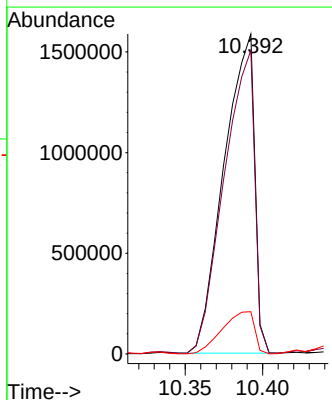
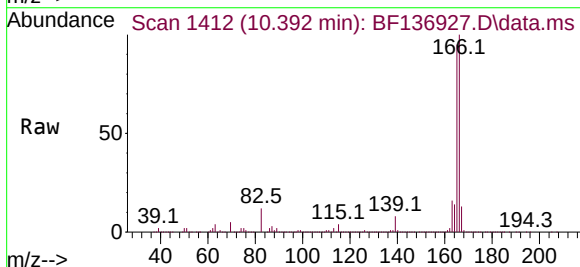
Instrument :  
BNA\_F  
ClientSampleId :  
GHL-SS-18-0-2

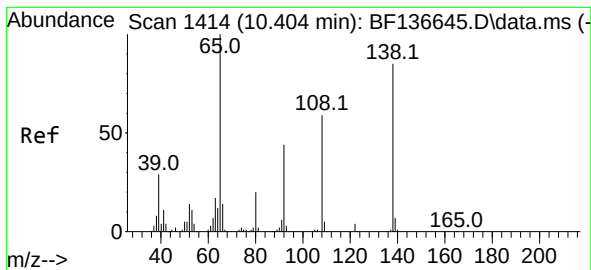
Tgt Ion:139 Resp: 434034  
Ion Ratio Lower Upper  
139 100  
109 0.9 45.8 85.8#  
65 1.5 77.8 117.8#



#58  
Fluorene  
Concen: 452.184 ng  
RT: 10.392 min Scan# 1412  
Delta R.T. 0.012 min  
Lab File: BF136927.D  
Acq: 04 Jan 2024 01:35

Tgt Ion:166 Resp: 2170291  
Ion Ratio Lower Upper  
166 100  
165 94.8 73.7 110.5  
167 13.2 10.4 15.6

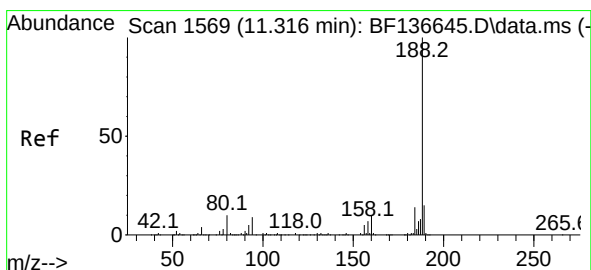
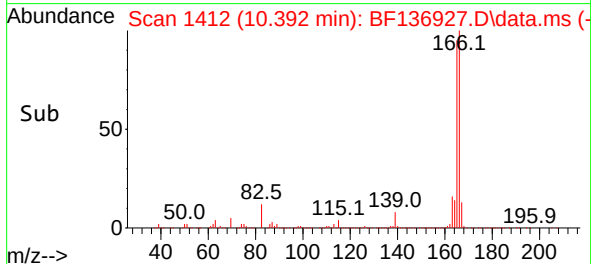
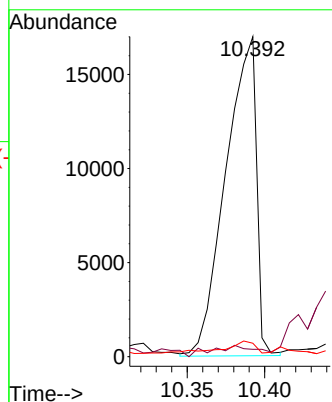
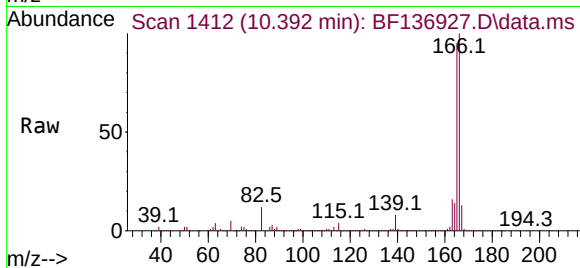




#62  
4-Nitroaniline  
Concen: 20.846 ng  
RT: 10.392 min Scan# 1414  
Delta R.T. -0.012 min  
Lab File: BF136927.D  
Acq: 04 Jan 2024 01:35

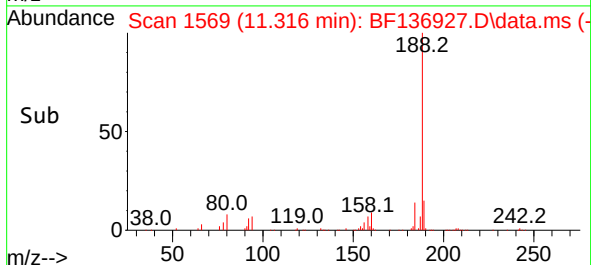
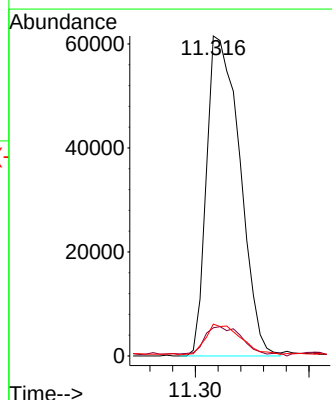
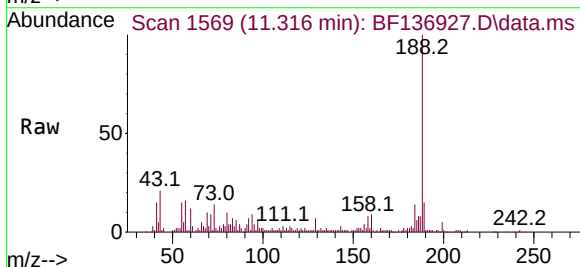
Instrument :  
BNA\_F  
ClientSampleId :  
GHL-SS-18-0-2

Tgt Ion:138 Resp: 23298  
Ion Ratio Lower Upper  
138 100  
92 2.3 32.1 72.1#  
108 4.2 50.1 90.1#

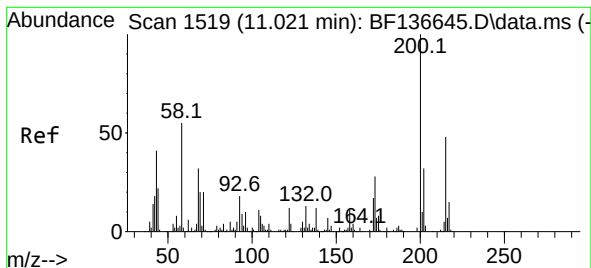


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.316 min Scan# 1569  
Delta R.T. 0.000 min  
Lab File: BF136927.D  
Acq: 04 Jan 2024 01:35

Tgt Ion:188 Resp: 125096  
Ion Ratio Lower Upper  
188 100  
94 8.8 7.5 11.3  
80 10.0 8.1 12.1







#69

Atrazine

Concen: 3.248 ng

RT: 11.033 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF136927.D

Acq: 04 Jan 2024 01:35

Instrument :

BNA\_F

ClientSampleId :

GHL-SS-18-0-2

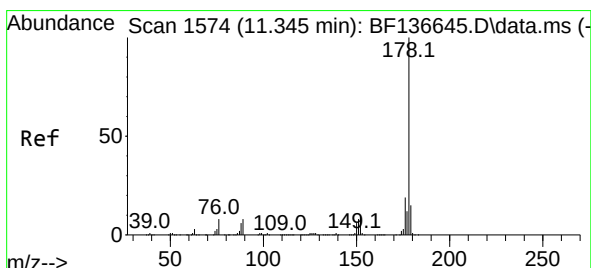
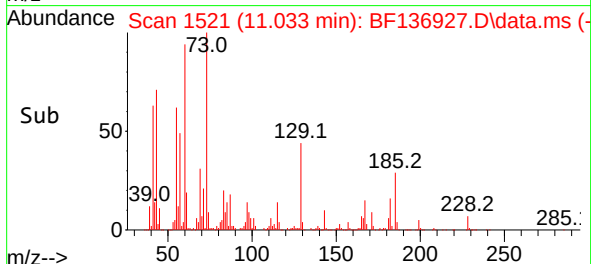
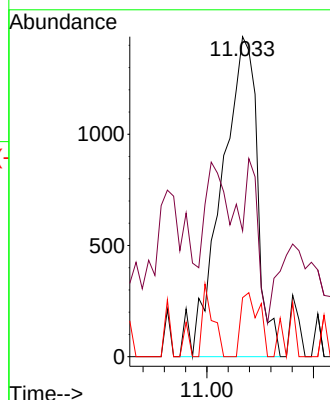
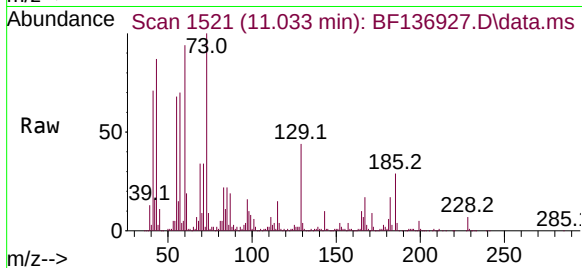
Tgt Ion:200 Resp: 3376

Ion Ratio Lower Upper

200 100

173 39.3 7.6 47.6

215 18.5 28.3 68.3#



#71

Phenanthrene

Concen: 883.397 ng

RT: 11.375 min Scan# 1579

Delta R.T. 0.030 min

Lab File: BF136927.D

Acq: 04 Jan 2024 01:35

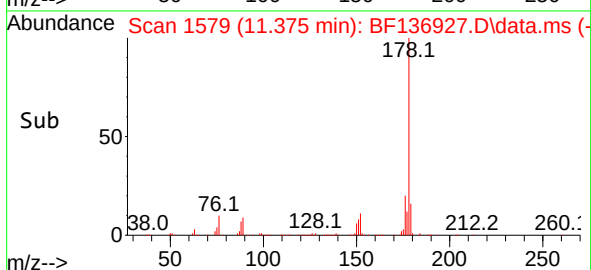
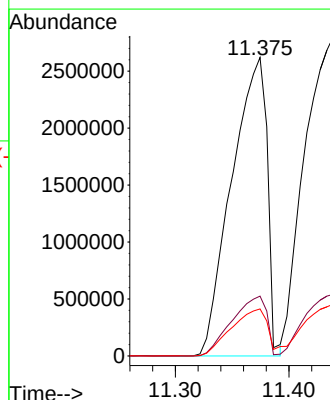
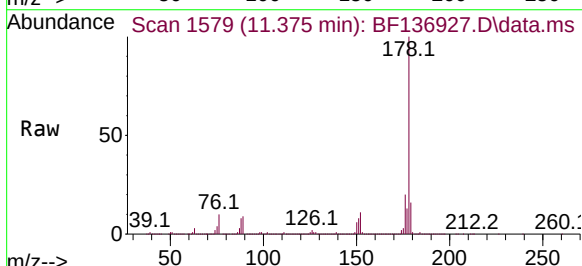
Tgt Ion:178 Resp: 5670318

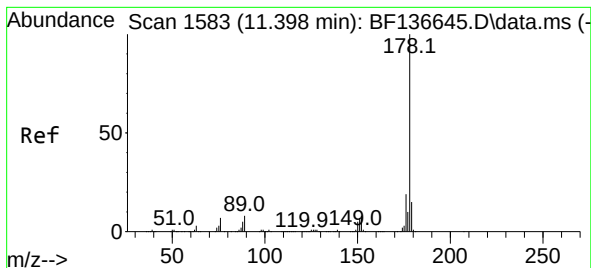
Ion Ratio Lower Upper

178 100

176 20.0 15.3 22.9

179 15.8 11.9 17.9





#72

Anthracene

Concen: 872.291 ng

RT: 11.375 min Scan# 11

Delta R.T. -0.023 min

Lab File: BF136927.D

Acq: 04 Jan 2024 01:35

Instrument :

BNA\_F

ClientSampleId :

GHL-SS-18-0-2

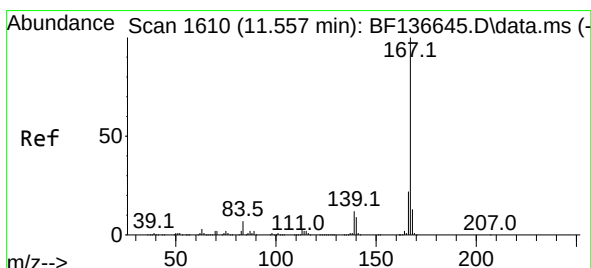
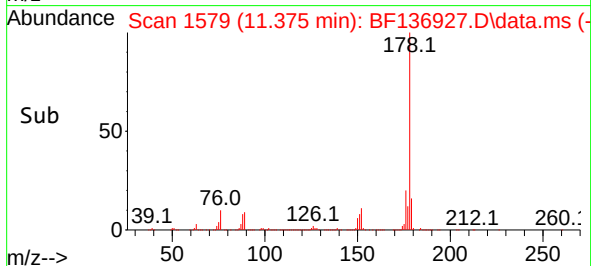
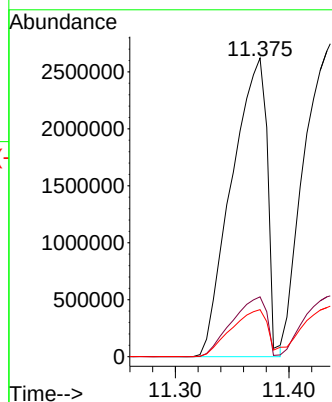
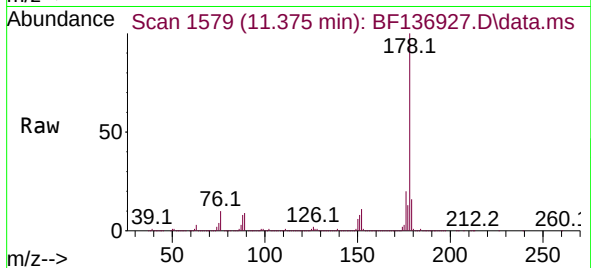
Tgt Ion:178 Resp: 5670318

Ion Ratio Lower Upper

178 100

176 20.0 14.9 22.3

179 15.8 11.8 17.6



#73

Carbazole

Concen: 1632.449 ng

RT: 11.639 min Scan# 1624

Delta R.T. 0.083 min

Lab File: BF136927.D

Acq: 04 Jan 2024 01:35

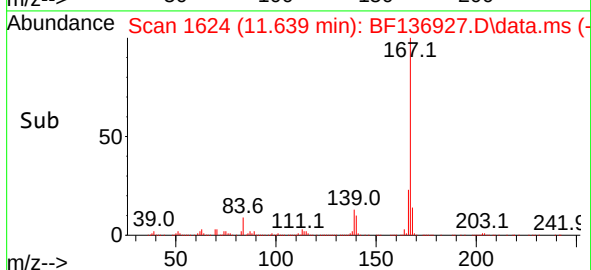
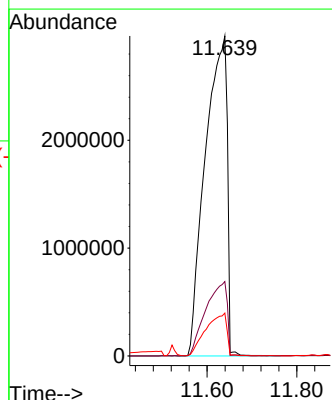
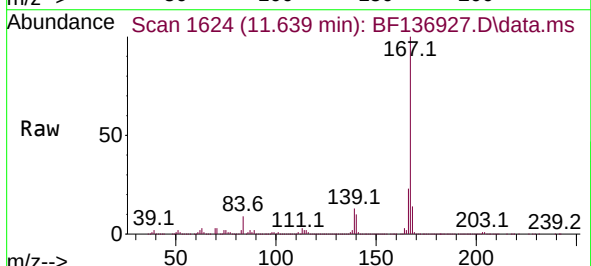
Tgt Ion:167 Resp:10004907

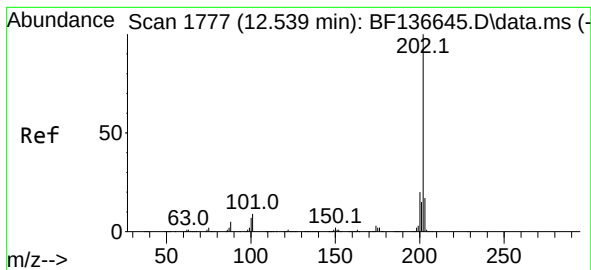
Ion Ratio Lower Upper

167 100

166 23.3 17.3 25.9

139 13.4 9.8 14.6





#75

Fluoranthene

Concen: 600.704 ng

RT: 12.575 min Scan# 1

Delta R.T. 0.036 min

Lab File: BF136927.D

Acq: 04 Jan 2024 01:35

Instrument :

BNA\_F

ClientSampleId :

GHL-SS-18-0-2

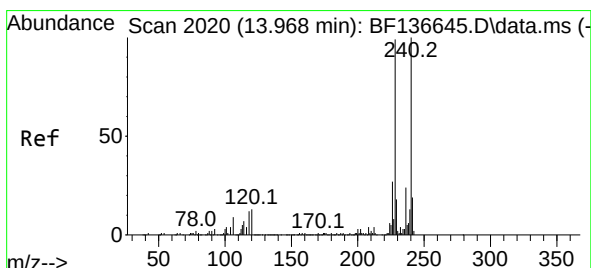
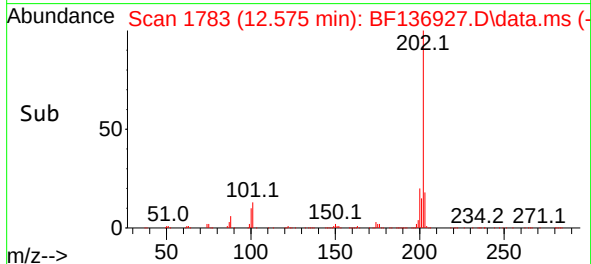
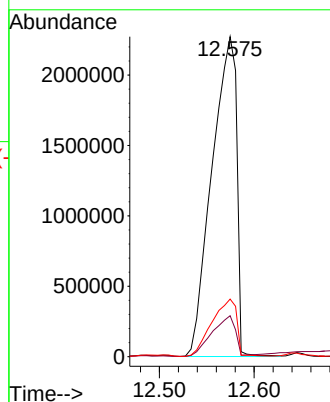
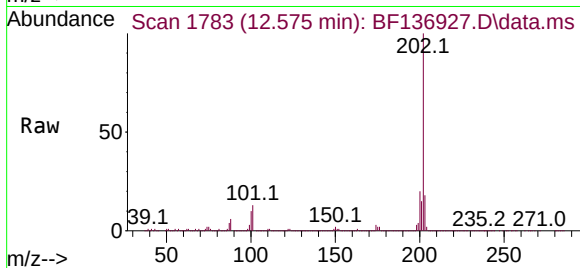
Tgt Ion:202 Resp: 4124345

Ion Ratio Lower Upper

202 100

101 12.8 0.0 29.3

203 18.0 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.030 min

Lab File: BF136927.D

Acq: 04 Jan 2024 01:35

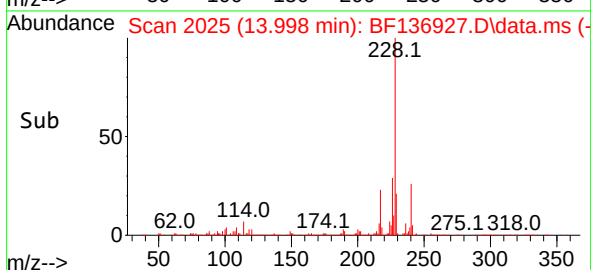
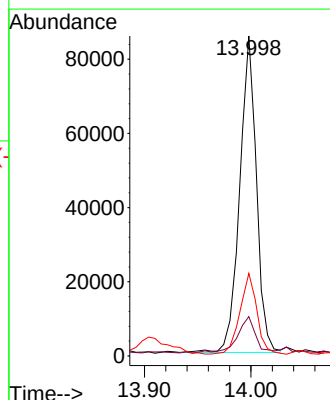
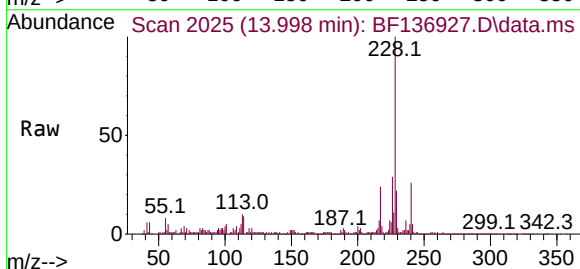
Tgt Ion:240 Resp: 93233

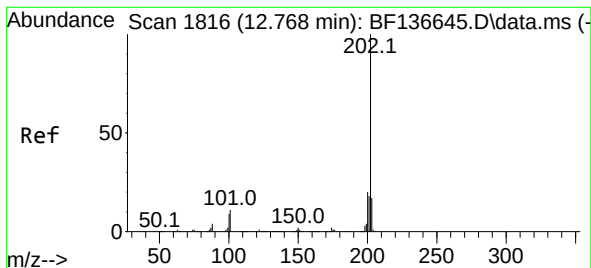
Ion Ratio Lower Upper

240 100

120 12.3 10.3 15.5

236 25.8 19.4 29.2





#78

Pyrene

Concen: 162.357 ng

RT: 12.810 min Scan# 1823

Delta R.T. 0.041 min

Lab File: BF136927.D

Acq: 04 Jan 2024 01:35

Instrument :

BNA\_F

ClientSampleId :

GHL-SS-18-0-2

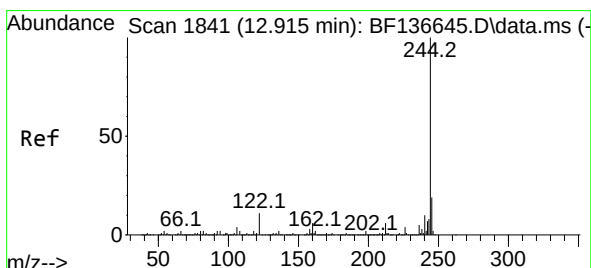
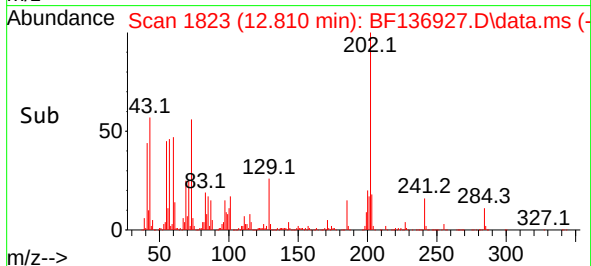
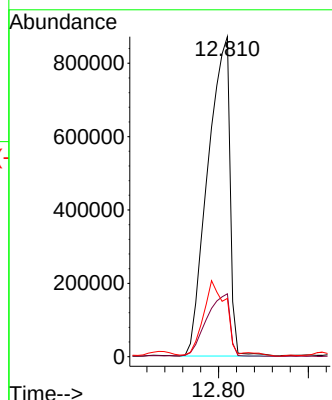
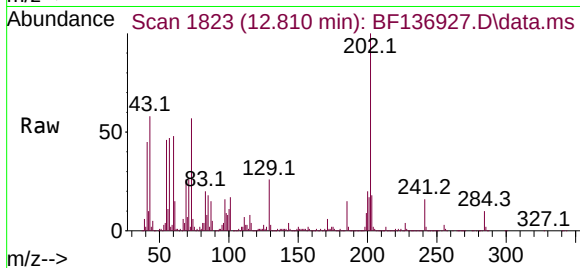
Tgt Ion:202 Resp: 1485956

Ion Ratio Lower Upper

202 100

200 19.6 15.9 23.9

203 18.2 13.8 20.6



#79

Terphenyl-d14

Concen: 66.808 ng

RT: 12.933 min Scan# 1844

Delta R.T. 0.018 min

Lab File: BF136927.D

Acq: 04 Jan 2024 01:35

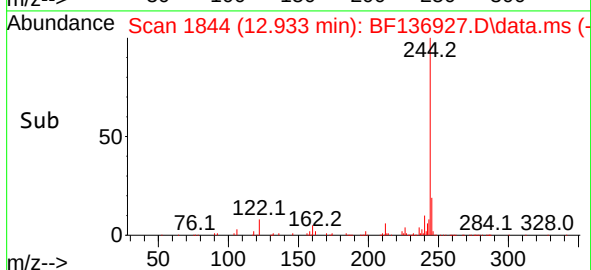
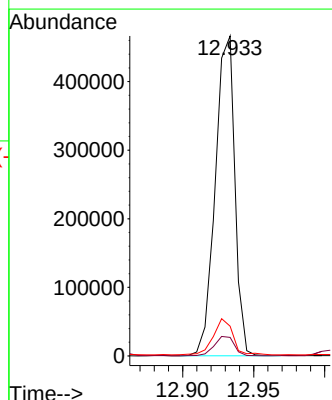
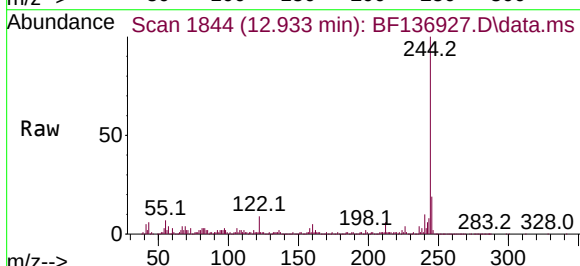
Tgt Ion:244 Resp: 445714

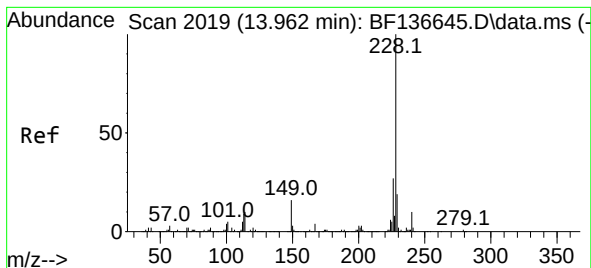
Ion Ratio Lower Upper

244 100

212 5.8 5.0 7.4

122 9.3 9.0 13.4





#81

Benzo(a)anthracene

Concen: 150.096 ng

RT: 13.992 min Scan# 20

Delta R.T. 0.030 min

Lab File: BF136927.D

Acq: 04 Jan 2024 01:35

Instrument :

BNA\_F

ClientSampleId :

GHL-SS-18-0-2

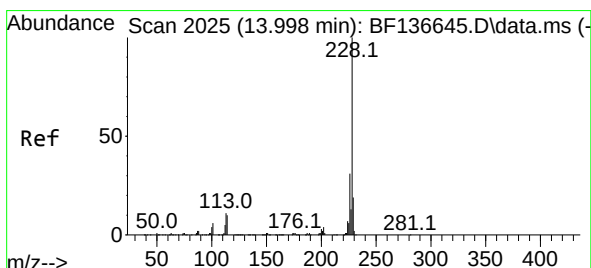
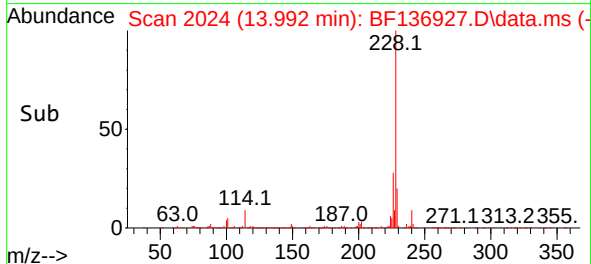
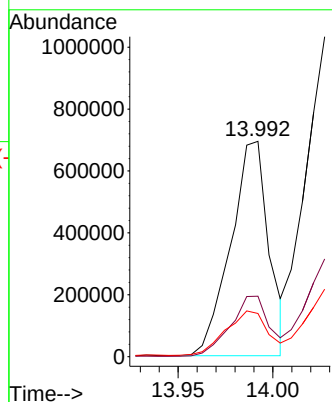
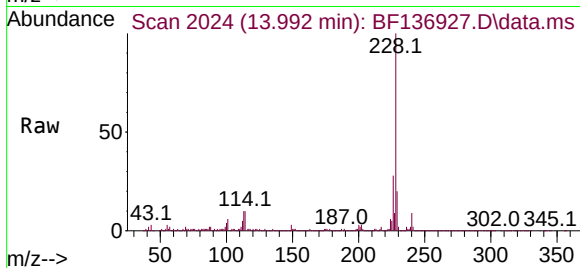
Tgt Ion:228 Resp: 971718

Ion Ratio Lower Upper

228 100

226 28.1 21.4 32.0

229 20.1 14.9 22.3



#83

Chrysene

Concen: 206.921 ng

RT: 14.027 min Scan# 2030

Delta R.T. 0.030 min

Lab File: BF136927.D

Acq: 04 Jan 2024 01:35

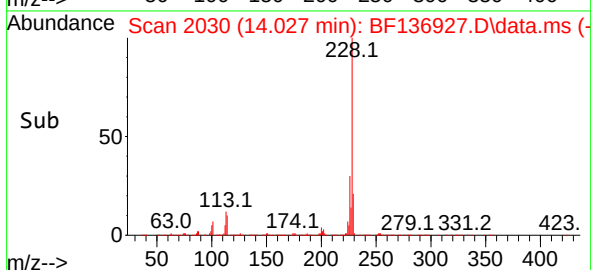
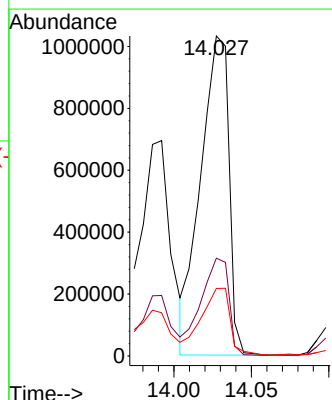
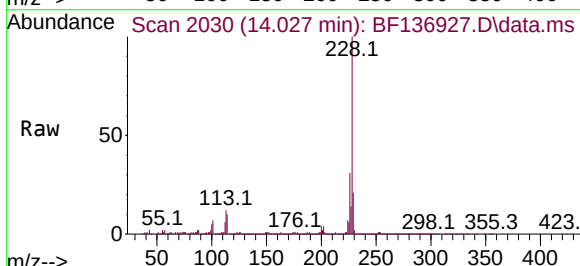
Tgt Ion:228 Resp: 1309995

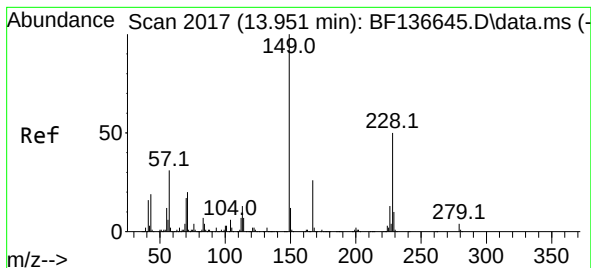
Ion Ratio Lower Upper

228 100

226 30.5 24.7 37.1

229 21.1 15.4 23.0

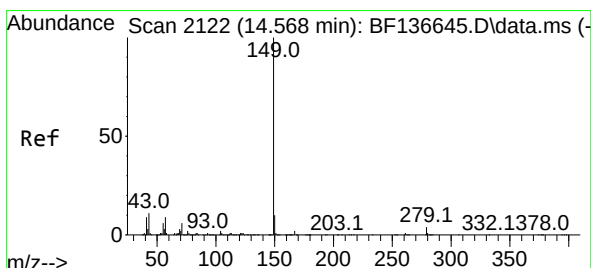
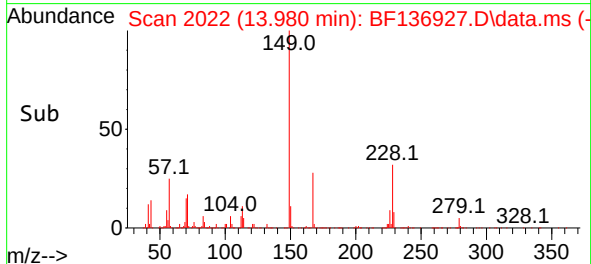
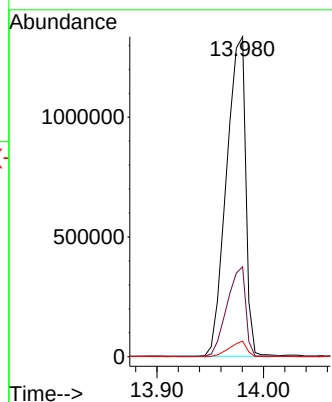
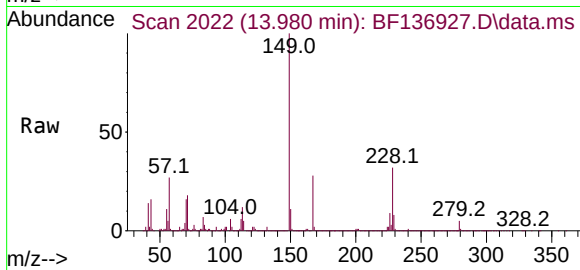




#84  
Bis(2-ethylhexyl)phthalate  
Concen: 398.693 ng  
RT: 13.980 min Scan# 2017  
Delta R.T. 0.030 min  
Lab File: BF136927.D  
Acq: 04 Jan 2024 01:35

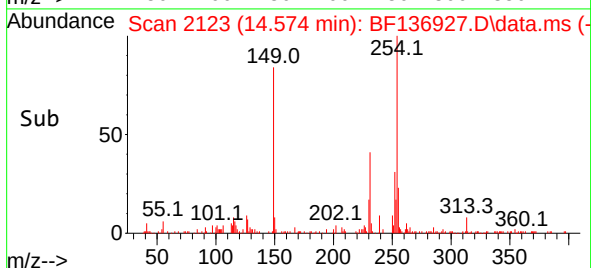
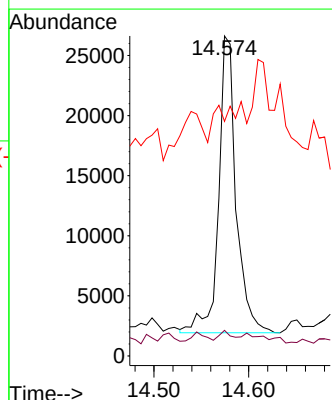
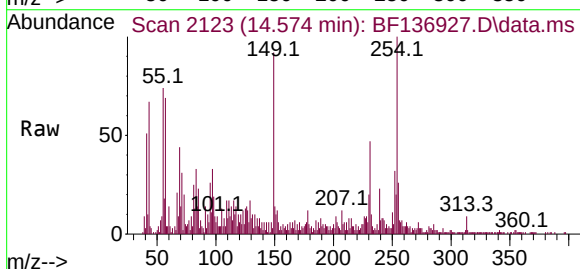
Instrument :  
BNA\_F  
ClientSampleId :  
GHL-SS-18-0-2

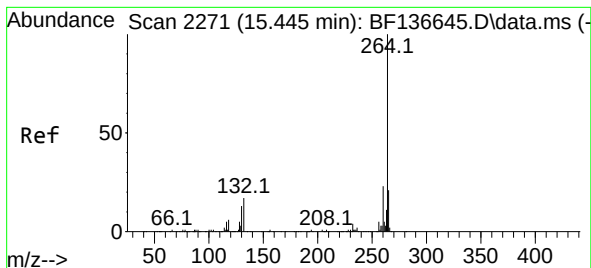
Tgt Ion:149 Resp: 1670569  
Ion Ratio Lower Upper  
149 100  
167 28.1 20.9 31.3  
279 4.9 2.9 4.3#



#85  
Di-n-octyl phthalate  
Concen: 4.885 ng  
RT: 14.574 min Scan# 2123  
Delta R.T. 0.006 min  
Lab File: BF136927.D  
Acq: 04 Jan 2024 01:35

Tgt Ion:149 Resp: 31664  
Ion Ratio Lower Upper  
149 100  
167 2.1 1.2 1.8#  
43 0.0 8.9 13.3#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF136927.D

Acq: 04 Jan 2024 01:35

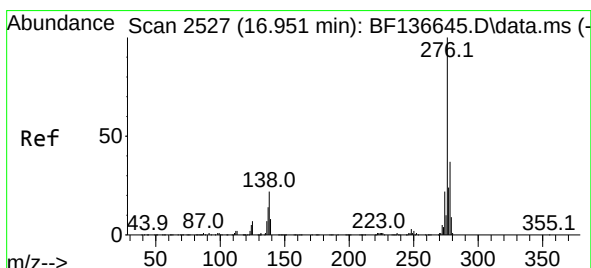
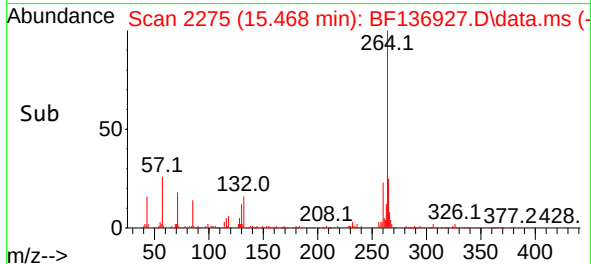
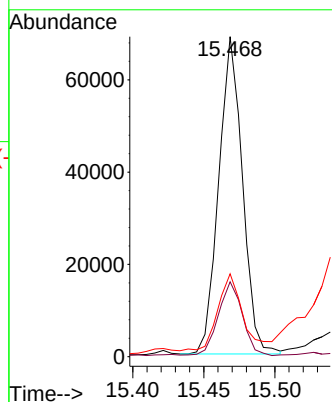
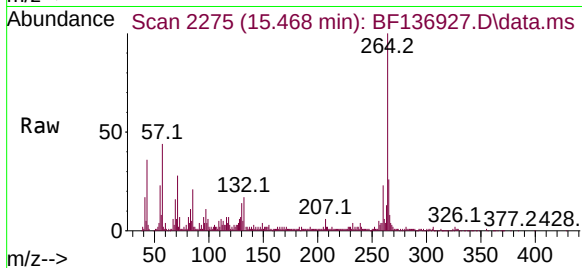
Instrument :

BNA\_F

ClientSampleId :

GHL-SS-18-0-2

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 264   | Resp: | 79860 |
| Ion Ratio | Lower | Upper |       |
| 264       | 100   |       |       |
| 260       | 23.4  | 18.3  | 27.5  |
| 265       | 25.9  | 17.0  | 25.6  |



#87

Indeno(1,2,3-cd)pyrene

Concen: 28.990 ng

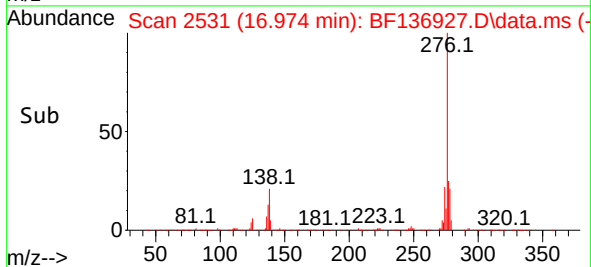
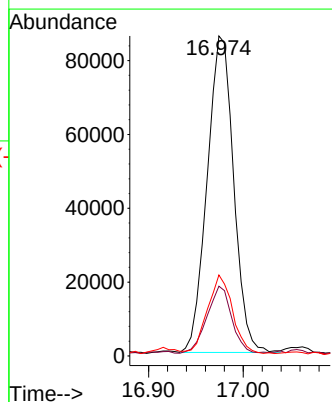
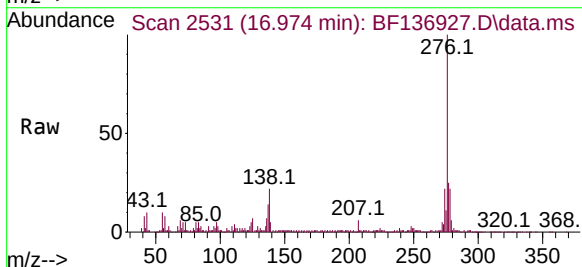
RT: 16.974 min Scan# 2531

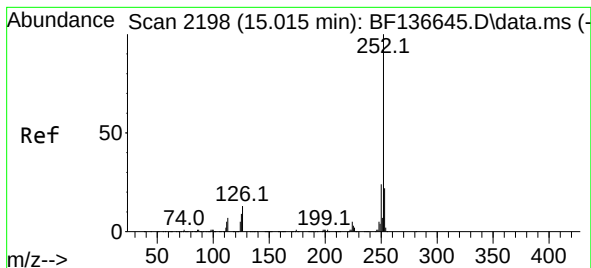
Delta R.T. 0.024 min

Lab File: BF136927.D

Acq: 04 Jan 2024 01:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 167155 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 19.7  | 18.7  | 28.1   |
| 277       | 23.9  | 20.2  | 30.2   |





#88

Benzo(b)fluoranthene

Concen: 165.987 ng

RT: 15.045 min Scan# 21

Delta R.T. 0.030 min

Lab File: BF136927.D

Acq: 04 Jan 2024 01:35

Instrument :

BNA\_F

ClientSampleId :

GHL-SS-18-0-2

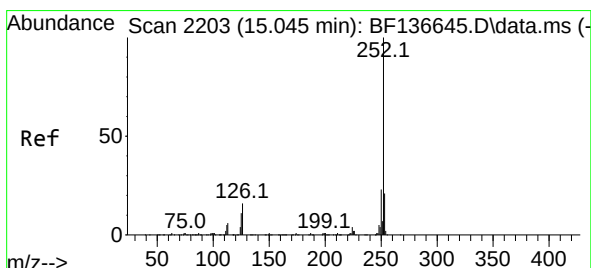
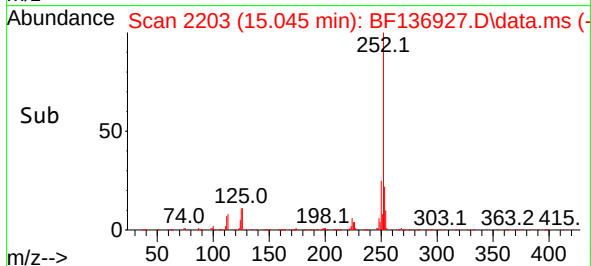
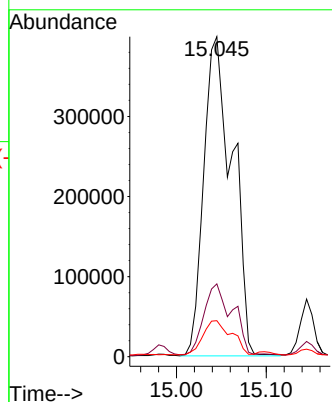
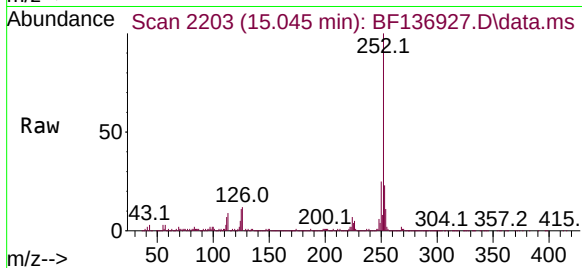
Tgt Ion:252 Resp: 885359

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.0

125 11.3 7.4 11.2#



#89

Benzo(k)fluoranthene

Concen: 175.664 ng

RT: 15.045 min Scan# 2203

Delta R.T. 0.000 min

Lab File: BF136927.D

Acq: 04 Jan 2024 01:35

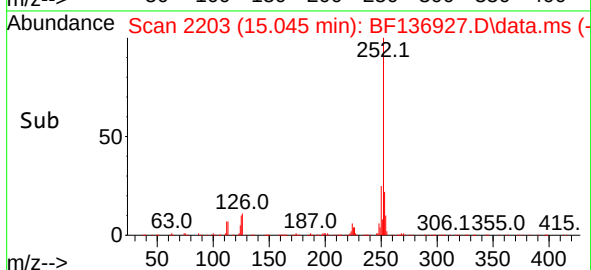
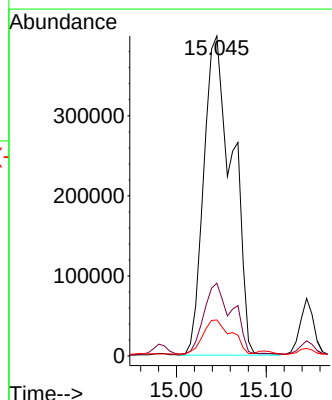
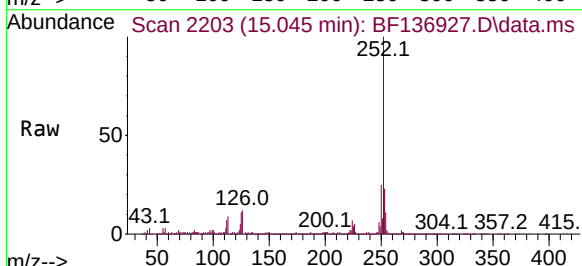
Tgt Ion:252 Resp: 885359

Ion Ratio Lower Upper

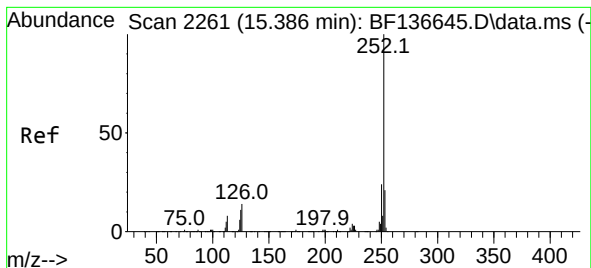
252 100

253 22.8 17.0 25.6

125 11.3 8.2 12.4







#90

Benzo(a)pyrene

Concen: 73.801 ng

RT: 15.410 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF136927.D

Acq: 04 Jan 2024 01:35

Instrument :

BNA\_F

ClientSampleId :

GHL-SS-18-0-2

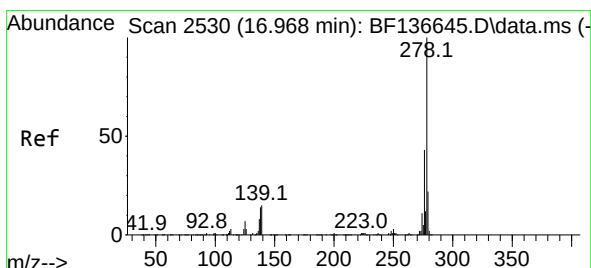
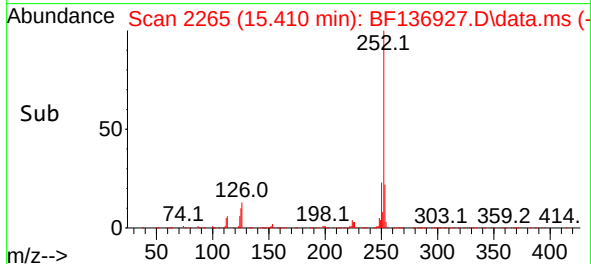
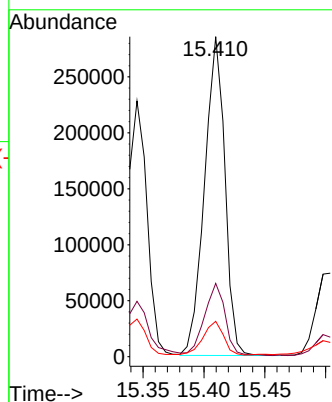
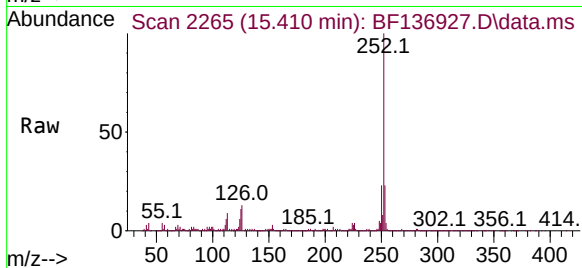
Tgt Ion:252 Resp: 332279

Ion Ratio Lower Upper

252 100

253 22.9 17.0 25.6

125 11.1 8.8 13.2



#91

Dibenzo(a,h)anthracene

Concen: 6.495 ng

RT: 17.157 min Scan# 2562

Delta R.T. 0.188 min

Lab File: BF136927.D

Acq: 04 Jan 2024 01:35

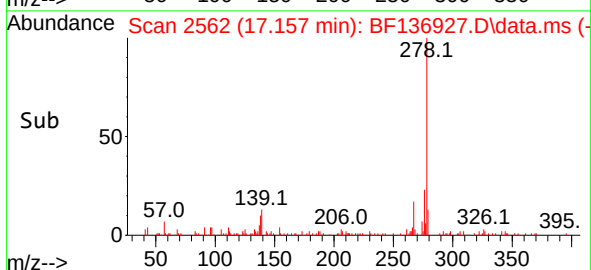
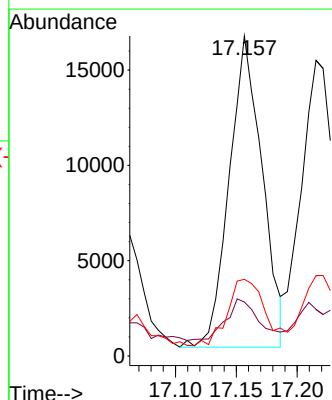
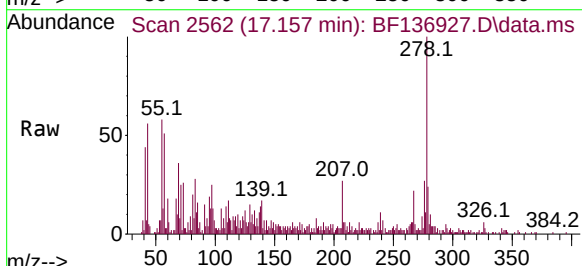
Tgt Ion:278 Resp: 30725

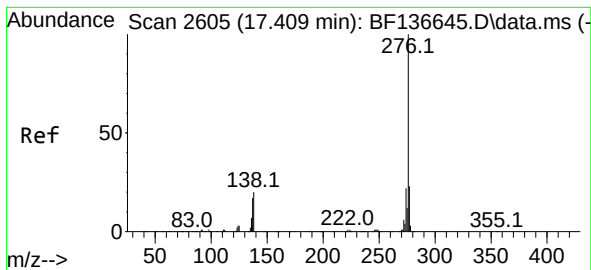
Ion Ratio Lower Upper

278 100

139 16.8 12.2 18.4

279 24.0 17.8 26.6





#92

Benzo(g,h,i)perylene

Concen: 30.578 ng

RT: 17.433 min Scan# 20

Delta R.T. 0.024 min

Lab File: BF136927.D

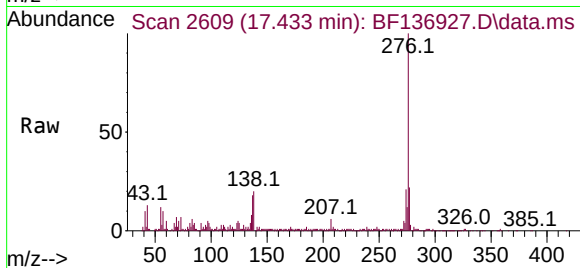
Acq: 04 Jan 2024 01:35

Instrument :

BNA\_F

ClientSampleId :

GHL-SS-18-0-2



Tgt Ion:276 Resp: 148151

Ion Ratio Lower Upper

276 100

277 21.8 18.3 27.5

138 20.2 15.6 23.4

