

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120222\  
 Data File : BG055872.D  
 Acq On : 2 Dec 2022 13:41  
 Operator : CG/JU  
 Sample : N5819-02DL 10X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 S2DL

Quant Time: Dec 02 15:03:41 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 02 04:07:17 2022  
 Response via : Initial Calibration

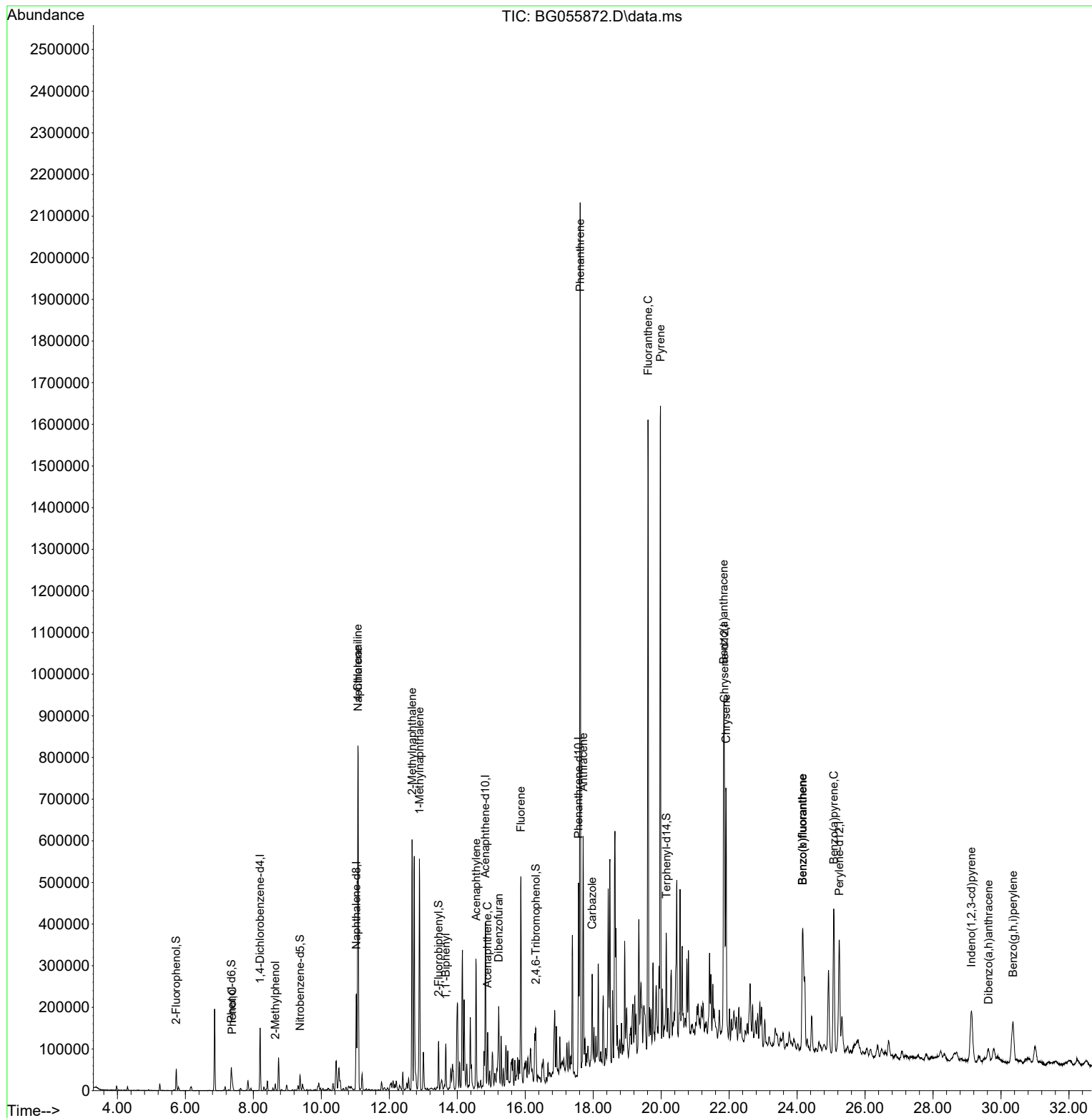
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.200  | 152  | 43138    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.032 | 136  | 210990   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.827 | 164  | 146835   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.571 | 188  | 311132   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.860 | 240  | 289964   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 25.244 | 264  | 311808   | 20.000 | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.732  | 112  | 23225    | 9.731  | ng    | 0.00     |
| 7) Phenol-d6                | 7.354  | 99   | 32360    | 10.186 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.375  | 82   | 22042    | 5.522  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 16.314 | 330  | 15376    | 7.437  | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.452 | 172  | 57318    | 5.848  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.156 | 244  | 90027    | 6.210  | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| Target Compounds            |        |      |          |        |       | Qvalue   |
| 10) Phenol                  | 7.377  | 94   | 12044    | 3.386  | ng    | 96       |
| 17) 2-Methylphenol          | 8.646  | 107  | 5282     | 2.091  | ng    | 92       |
| 31) Naphthalene             | 11.085 | 128  | 652115   | 57.174 | ng    | 99       |
| 33) 4-Chloroaniline         | 11.079 | 127  | 89073    | 18.931 | ng    | # 36     |
| 37) 2-Methylnaphthalene     | 12.671 | 142  | 281896   | 33.009 | ng    | 99       |
| 38) 1-Methylnaphthalene     | 12.888 | 142  | 253306   | 30.554 | ng    | 100      |
| 46) 1,1'-Biphenyl           | 13.664 | 154  | 59136    | 5.527  | ng    | 98       |
| 49) Acenaphthylene          | 14.557 | 152  | 163141   | 11.912 | ng    | 98       |
| 52) Acenaphthene            | 14.892 | 154  | 37418    | 4.180  | ng    | 95       |
| 55) Dibenzofuran            | 15.221 | 168  | 82810    | 5.997  | ng    | # 92     |
| 58) Fluorene                | 15.873 | 166  | 227500   | 20.628 | ng    | 97       |
| 71) Phenanthrene            | 17.618 | 178  | 1337972  | 79.689 | ng    | 97       |
| 72) Anthracene              | 17.706 | 178  | 374826   | 22.976 | ng    | 99       |
| 73) Carbazole               | 17.971 | 167  | 126417   | 8.620  | ng    | 99       |
| 75) Fluoranthene            | 19.616 | 202  | 1028061  | 50.330 | ng    | 98       |
| 78) Pyrene                  | 19.980 | 202  | 1005586  | 51.235 | ng    | 97       |
| 81) Benzo(a)anthracene      | 21.843 | 228  | 477500   | 23.909 | ng    | 98       |
| 83) Chrysene                | 21.907 | 228  | 435890   | 22.926 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene  | 29.128 | 276  | 215571   | 8.439  | ng    | # 97     |
| 88) Benzo(b)fluoranthene    | 24.163 | 252  | 418512   | 20.610 | ng    | 99       |
| 89) Benzo(k)fluoranthene    | 24.163 | 252  | 418512   | 20.676 | ng    | 99       |
| 90) Benzo(a)pyrene          | 25.080 | 252  | 391991   | 22.495 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene  | 29.633 | 278  | 53911    | 2.583  | ng    | 97       |
| 92) Benzo(g,h,i)perylene    | 30.356 | 276  | 205948   | 9.789  | ng    | 99       |
| -----                       |        |      |          |        |       |          |

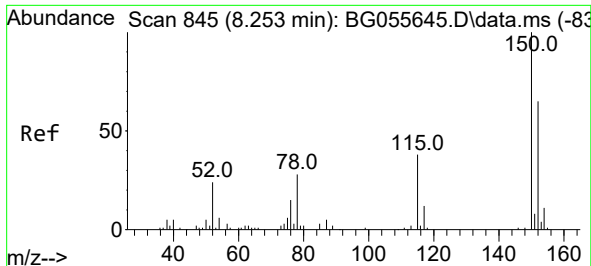
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120222\  
Data File : BG055872.D  
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Operator : CG/JU  
Sample : N5819-02DL 10X  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
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Quant Time: Dec 02 15:03:41 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Dec 02 04:07:17 2022  
Response via : Initial Calibration

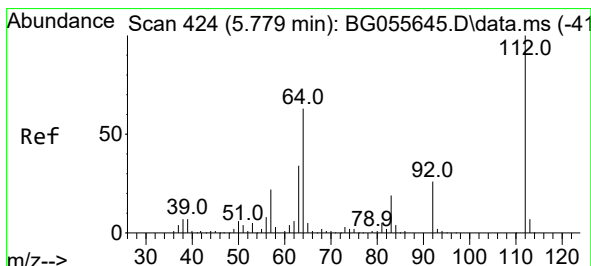
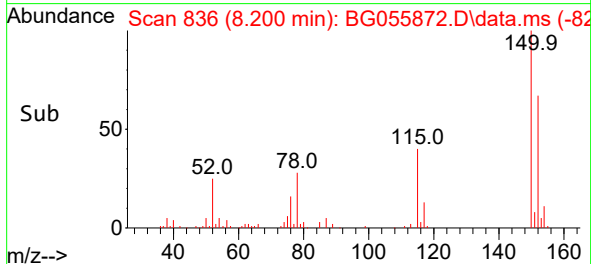
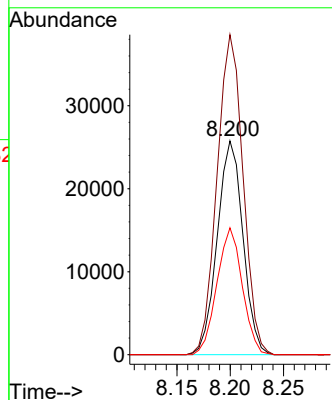
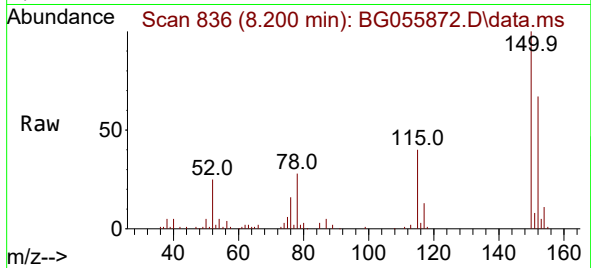




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.200 min Scan# 81  
Delta R.T. -0.005 min  
Lab File: BG055872.D  
Acq: 2 Dec 2022 13:41

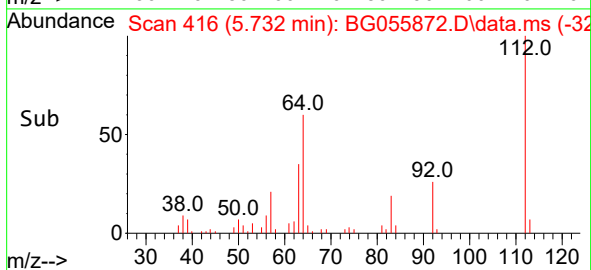
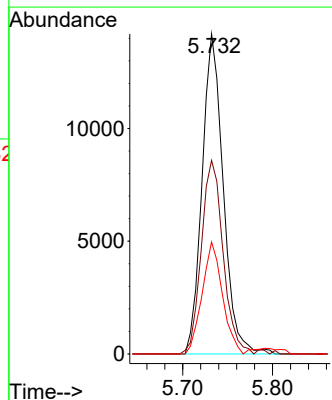
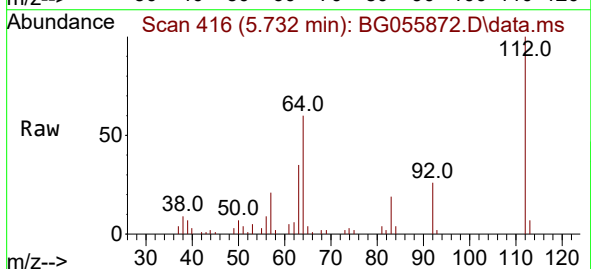
Instrument :  
BNA\_G  
ClientSampleId :  
S2DL

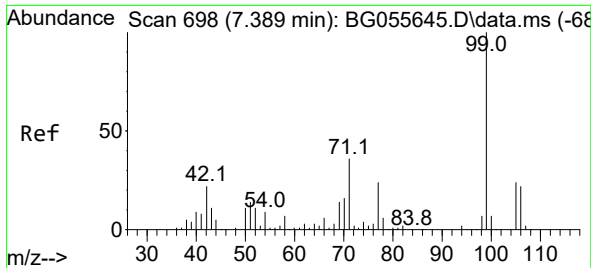
Tgt Ion:152 Resp: 43138  
Ion Ratio Lower Upper  
152 100  
150 149.7 123.0 184.6  
115 59.4 47.0 70.4



#5  
2-Fluorophenol  
Concen: 9.731 ng  
RT: 5.732 min Scan# 416  
Delta R.T. -0.006 min  
Lab File: BG055872.D  
Acq: 2 Dec 2022 13:41

Tgt Ion:112 Resp: 23225  
Ion Ratio Lower Upper  
112 100  
64 60.5 50.6 76.0  
63 35.0 27.5 41.3

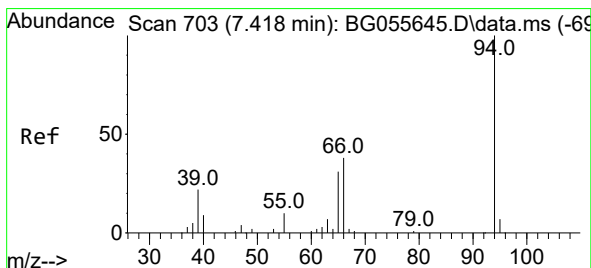
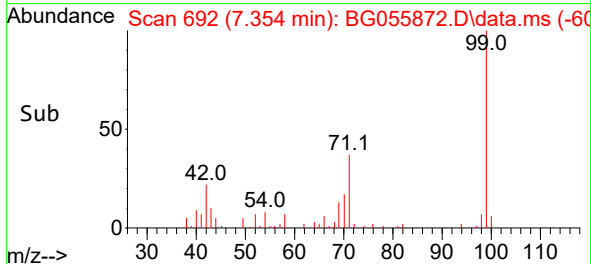
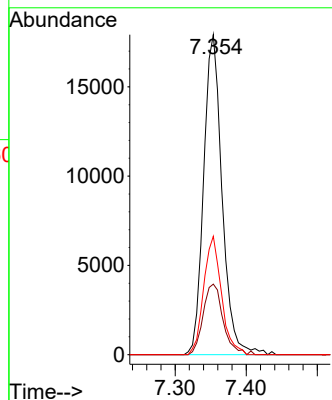
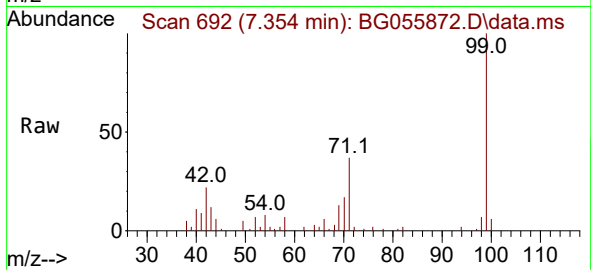




#7  
Phenol-d6  
Concen: 10.186 ng  
RT: 7.354 min Scan# 691  
Delta R.T. -0.006 min  
Lab File: BG055872.D  
Acq: 2 Dec 2022 13:41

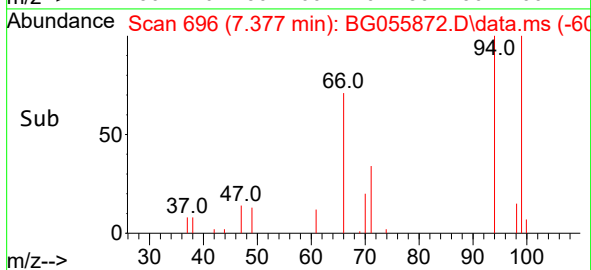
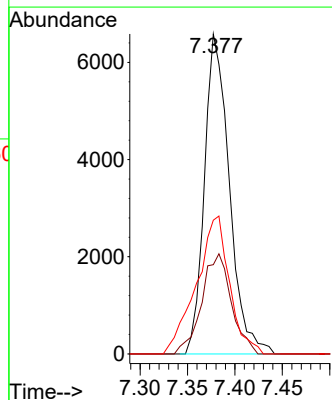
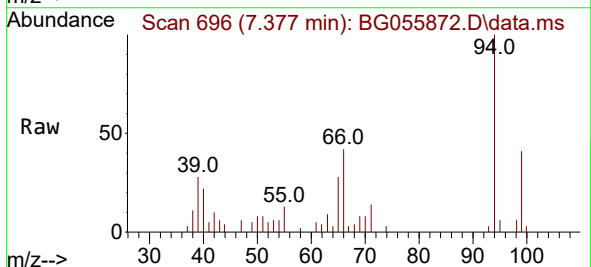
Instrument :  
BNA\_G  
ClientSampleId :  
S2DL

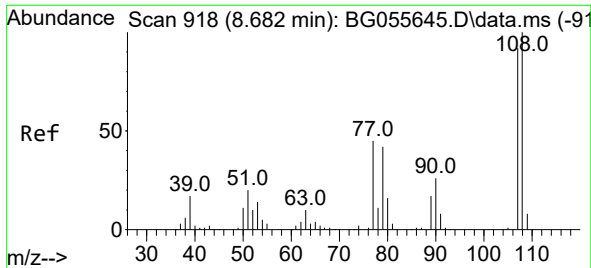
Tgt Ion: 99 Resp: 32360  
Ion Ratio Lower Upper  
99 100  
42 22.1 18.0 27.0  
71 37.0 29.0 43.6



#10  
Phenol  
Concen: 3.386 ng  
RT: 7.377 min Scan# 696  
Delta R.T. -0.011 min  
Lab File: BG055872.D  
Acq: 2 Dec 2022 13:41

Tgt Ion: 94 Resp: 12044  
Ion Ratio Lower Upper  
94 100  
65 27.9 11.8 51.8  
66 41.8 20.5 60.5

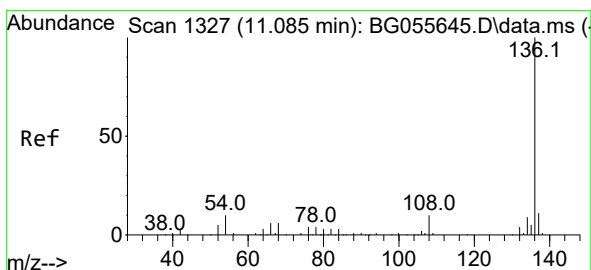
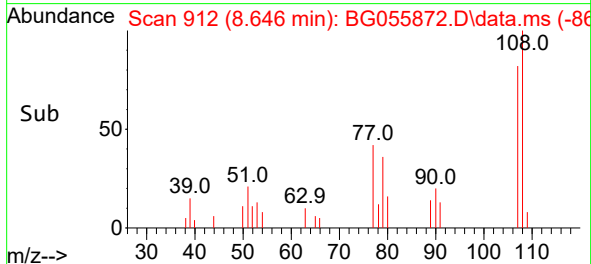
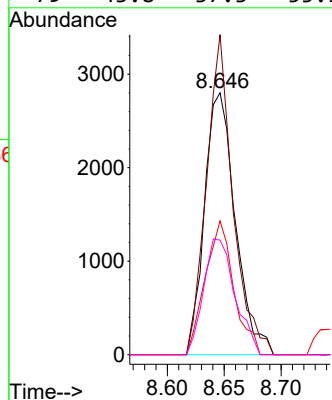
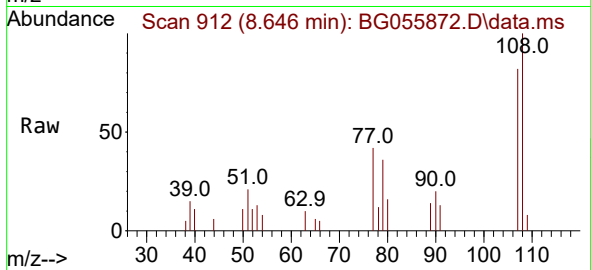




#17  
2-Methylphenol  
Concen: 2.091 ng  
RT: 8.646 min Scan# 918  
Delta R.T. -0.006 min  
Lab File: BG055872.D  
Acq: 2 Dec 2022 13:41

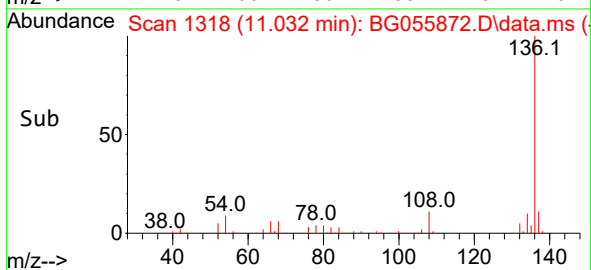
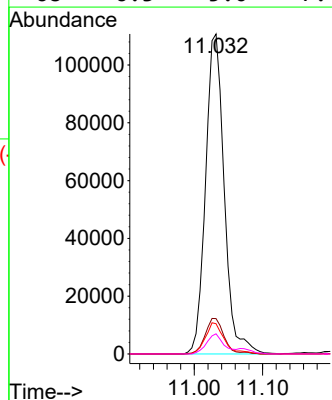
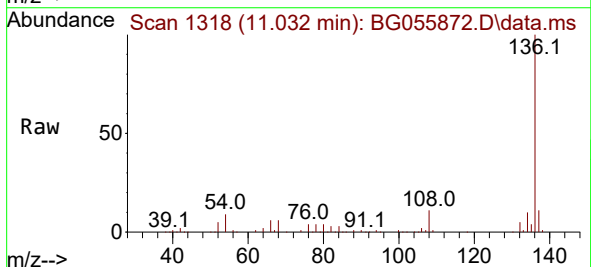
Instrument :  
BNA\_G  
ClientSampleId :  
S2DL

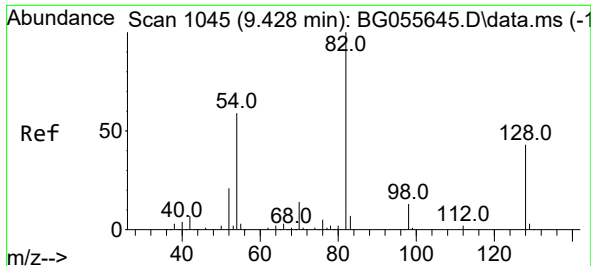
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:107 | Resp: | 5282        |
| Ion         | Ratio | Lower Upper |
| 107         | 100   |             |
| 108         | 122.2 | 87.3 130.9  |
| 77          | 51.1  | 39.4 59.0   |
| 79          | 43.8  | 37.3 55.9   |



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.032 min Scan# 1318  
Delta R.T. -0.006 min  
Lab File: BG055872.D  
Acq: 2 Dec 2022 13:41

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:136 | Resp: | 210990      |
| Ion         | Ratio | Lower Upper |
| 136         | 100   |             |
| 137         | 11.1  | 9.0 13.6    |
| 54          | 9.4   | 7.8 11.6    |
| 68          | 6.3   | 5.0 7.4     |





#23

Nitrobenzene-d5

Concen: 5.522 ng

RT: 9.375 min Scan# 1036

Delta R.T. -0.012 min

Lab File: BG055872.D

Acq: 2 Dec 2022 13:41

Instrument :

BNA\_G

ClientSampleId :

S2DL

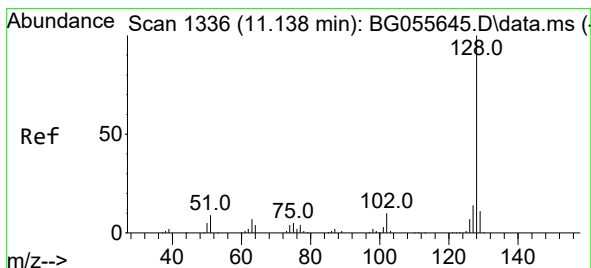
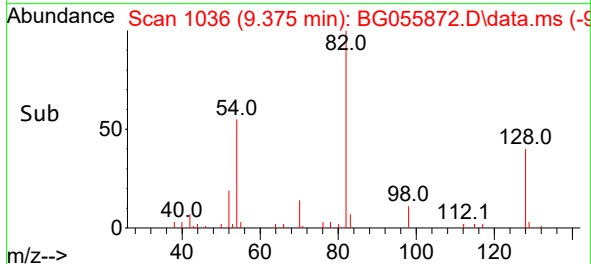
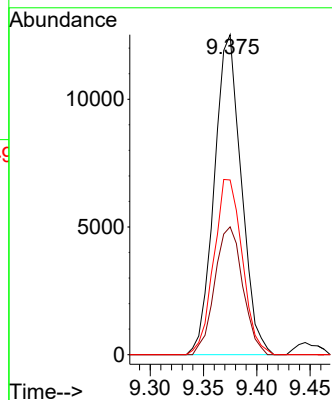
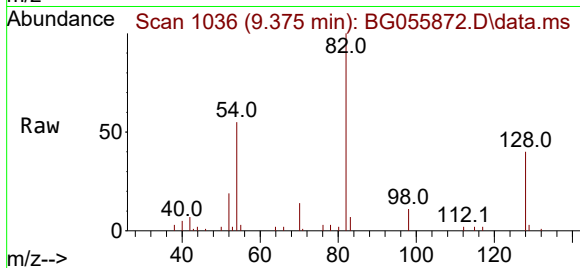
Tgt Ion: 82 Resp: 22042

Ion Ratio Lower Upper

82 100

128 39.9 34.1 51.1

54 54.6 47.3 70.9



#31

Naphthalene

Concen: 57.174 ng

RT: 11.085 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BG055872.D

Acq: 2 Dec 2022 13:41

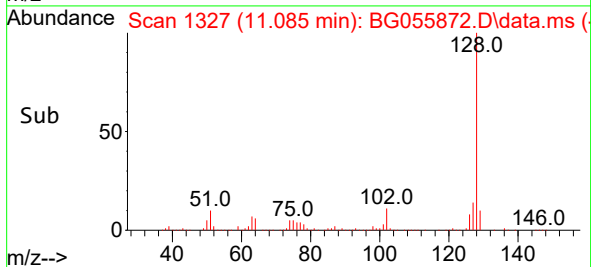
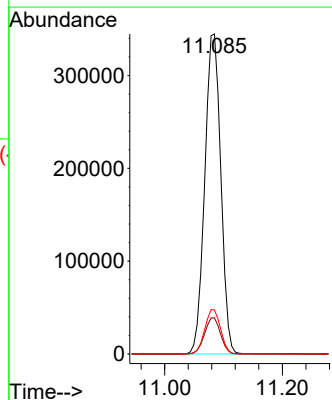
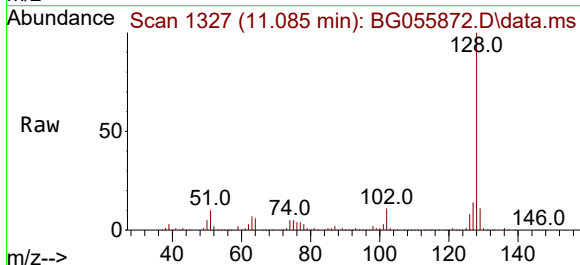
Tgt Ion:128 Resp: 652115

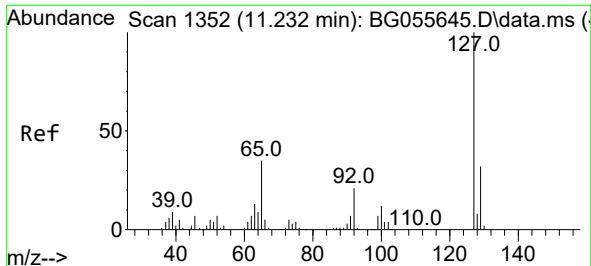
Ion Ratio Lower Upper

128 100

129 11.3 8.7 13.1

127 13.8 10.9 16.3

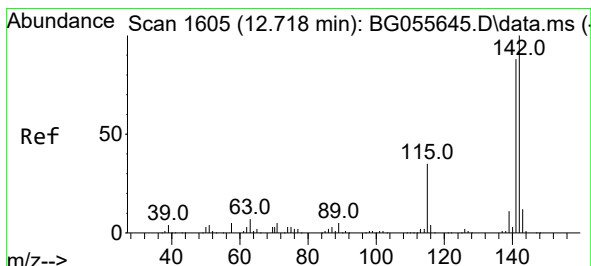
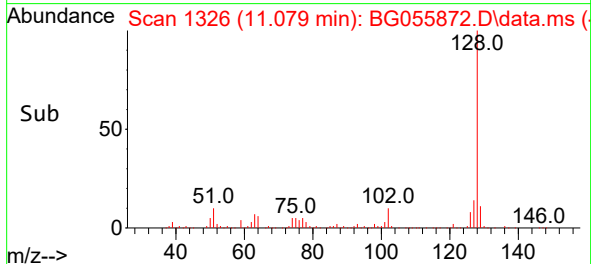
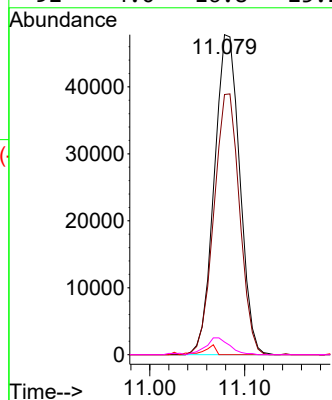
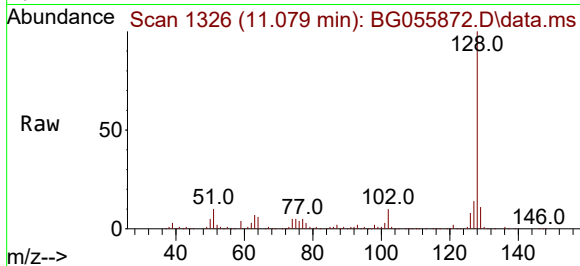




#33  
4-Chloroaniline  
Concen: 18.931 ng  
RT: 11.079 min Scan# 11  
Delta R.T. -0.111 min  
Lab File: BG055872.D  
Acq: 2 Dec 2022 13:41

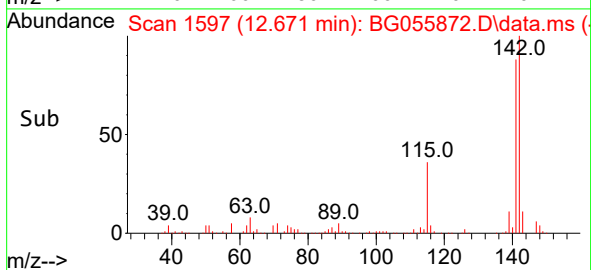
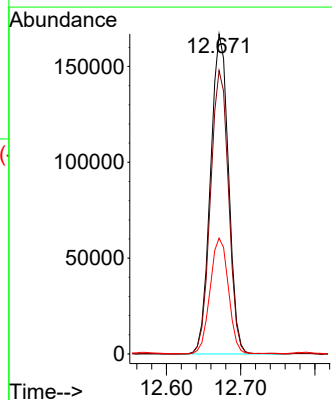
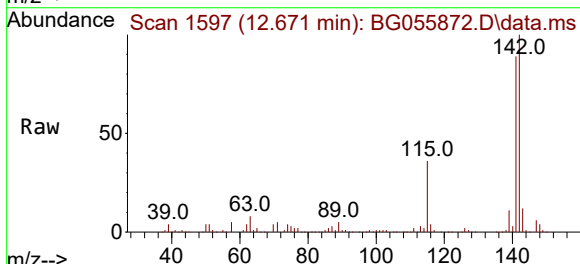
Instrument :  
BNA\_G  
ClientSampleId :  
S2DL

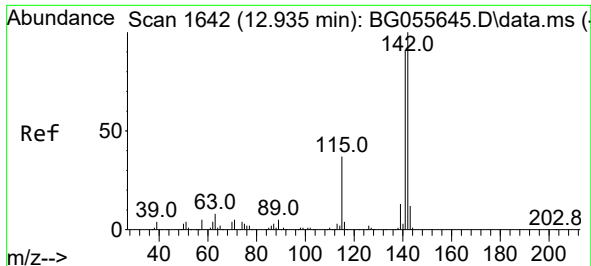
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|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 89073 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 81.3  | 25.9  | 38.9# |
| 65       | 0.0   | 27.9  | 41.9# |
| 92       | 4.0   | 16.8  | 25.2# |



#37  
2-Methylnaphthalene  
Concen: 33.009 ng  
RT: 12.671 min Scan# 1597  
Delta R.T. -0.011 min  
Lab File: BG055872.D  
Acq: 2 Dec 2022 13:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 142   | Resp: | 281896 |
| Ion      | Ratio | Lower | Upper  |
| 142      | 100   |       |        |
| 141      | 88.5  | 70.3  | 105.5  |
| 115      | 36.2  | 27.9  | 41.9   |

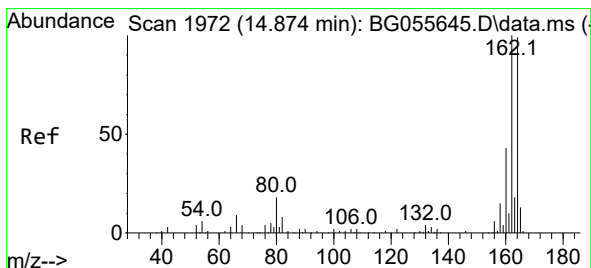
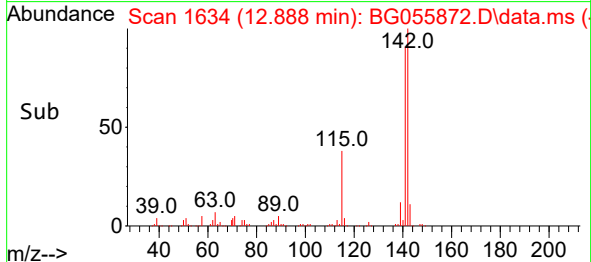
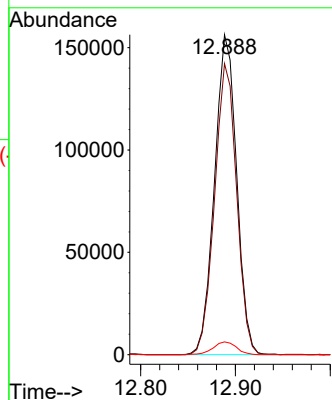
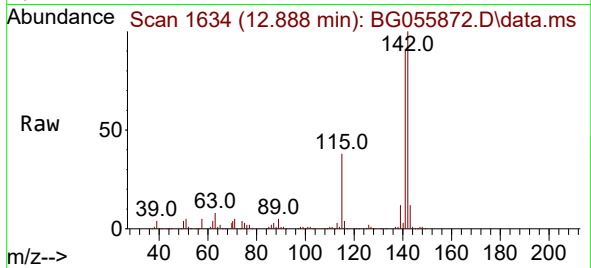




#38  
1-Methylnaphthalene  
Concen: 30.554 ng  
RT: 12.888 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BG055872.D  
Acq: 2 Dec 2022 13:41

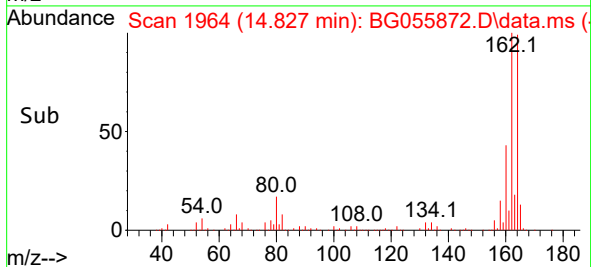
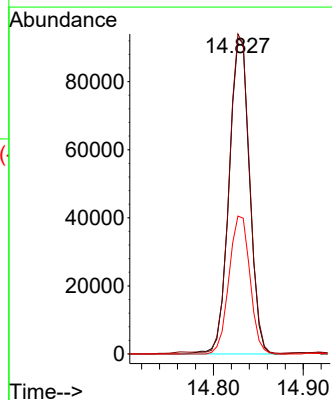
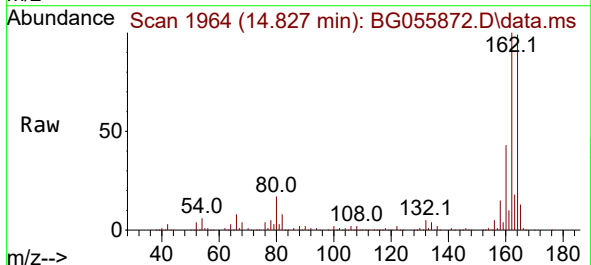
Instrument :  
BNA\_G  
ClientSampleId :  
S2DL

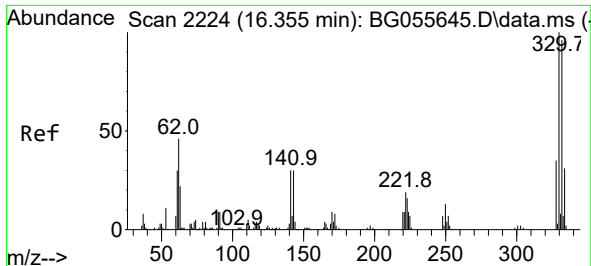
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Ion Ratio Lower Upper  
142 100  
141 91.0 73.0 109.4  
116 4.0 3.1 4.7



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.827 min Scan# 1964  
Delta R.T. -0.012 min  
Lab File: BG055872.D  
Acq: 2 Dec 2022 13:41

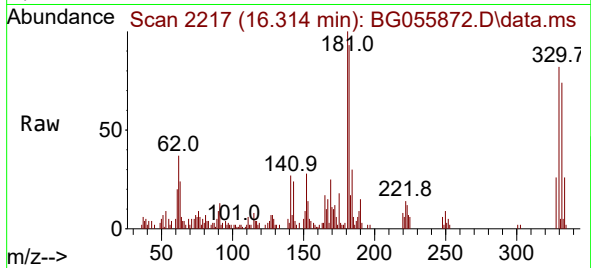
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Ion Ratio Lower Upper  
164 100  
162 101.3 81.1 121.7  
160 43.7 34.8 52.2



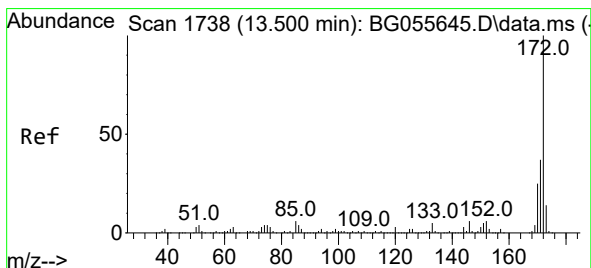
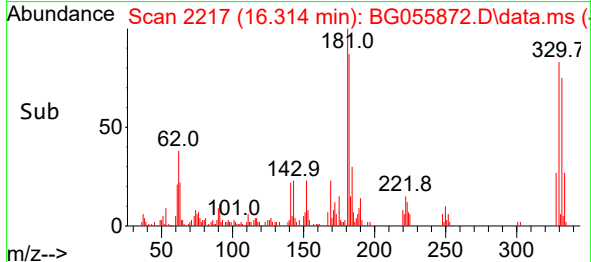
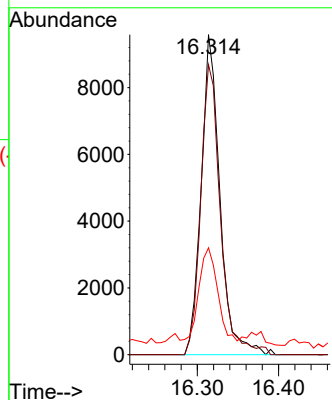


#42  
2,4,6-Tribromophenol  
Concen: 7.437 ng  
RT: 16.314 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BG055872.D  
Acq: 2 Dec 2022 13:41

Instrument :  
BNA\_G  
ClientSampleId :  
S2DL

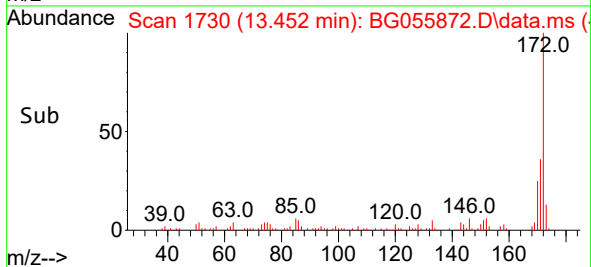
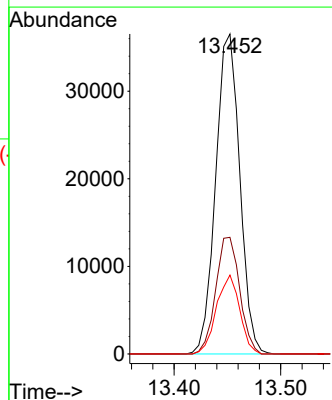
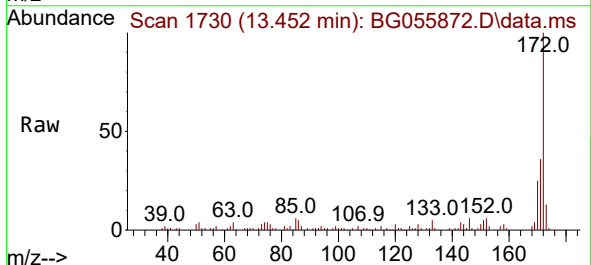


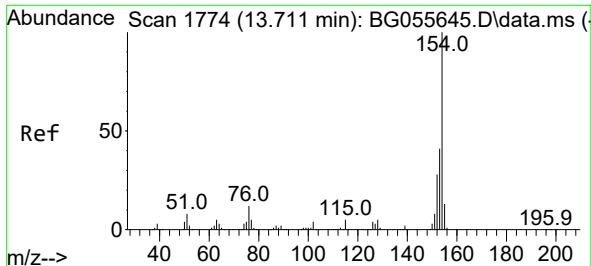
Tgt Ion:330 Resp: 15376  
Ion Ratio Lower Upper  
330 100  
332 95.0 77.8 116.8  
141 29.2 23.9 35.9



#45  
2-Fluorobiphenyl  
Concen: 5.848 ng  
RT: 13.452 min Scan# 1730  
Delta R.T. -0.006 min  
Lab File: BG055872.D  
Acq: 2 Dec 2022 13:41

Tgt Ion:172 Resp: 57318  
Ion Ratio Lower Upper  
172 100  
171 36.5 29.8 44.6  
170 24.6 20.2 30.4

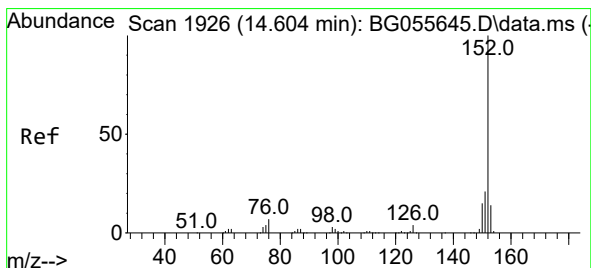
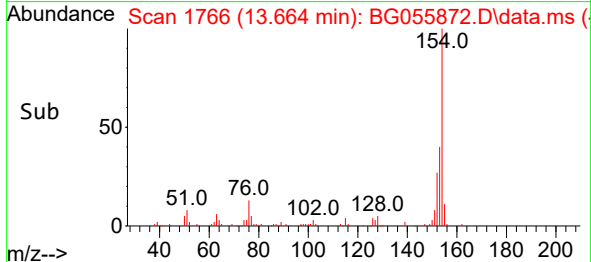
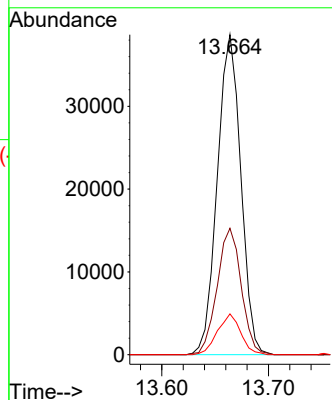
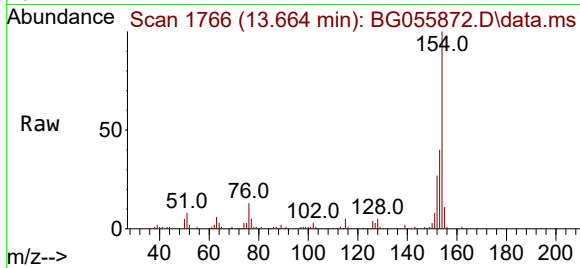




#46  
1,1'-Biphenyl  
Concen: 5.527 ng  
RT: 13.664 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BG055872.D  
Acq: 2 Dec 2022 13:41

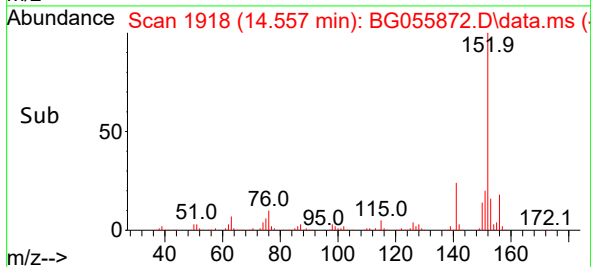
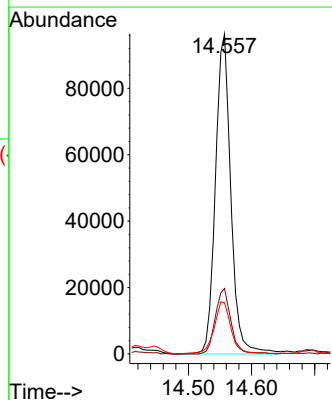
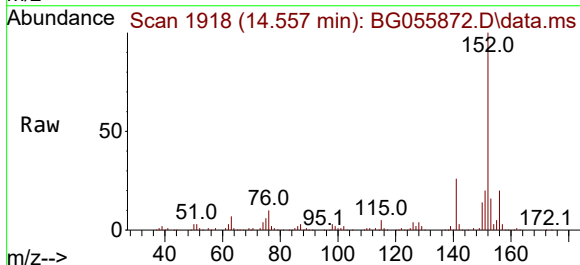
Instrument :  
BNA\_G  
ClientSampleId :  
S2DL

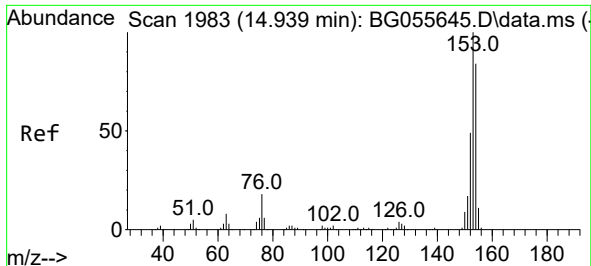
Tgt Ion:154 Resp: 59136  
Ion Ratio Lower Upper  
154 100  
153 39.5 20.6 60.6  
76 12.7 0.0 32.4



#49  
Acenaphthylene  
Concen: 11.912 ng  
RT: 14.557 min Scan# 1918  
Delta R.T. -0.006 min  
Lab File: BG055872.D  
Acq: 2 Dec 2022 13:41

Tgt Ion:152 Resp: 163141  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.4 24.6  
153 16.0 11.0 16.4

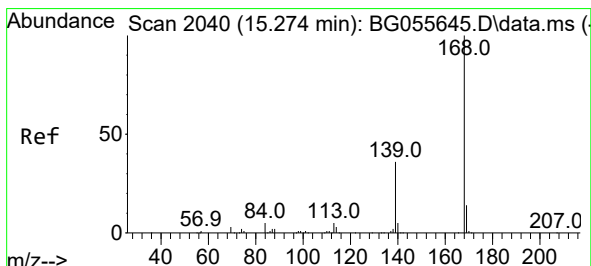
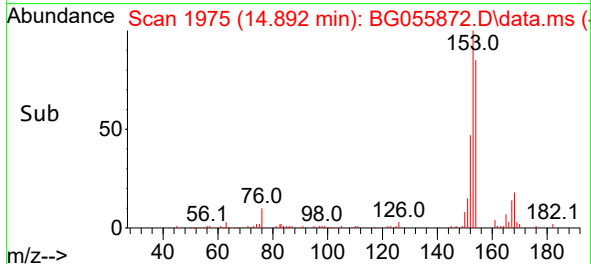
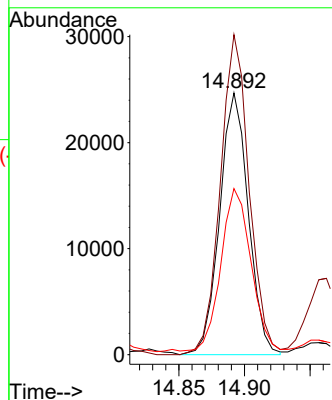
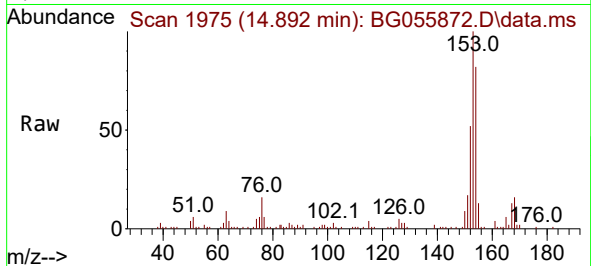




#52  
Acenaphthene  
Concen: 4.180 ng  
RT: 14.892 min Scan# 1983  
Delta R.T. -0.011 min  
Lab File: BG055872.D  
Acq: 2 Dec 2022 13:41

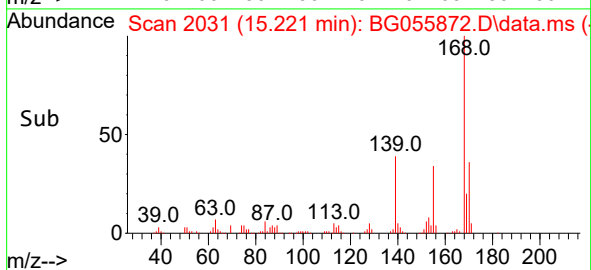
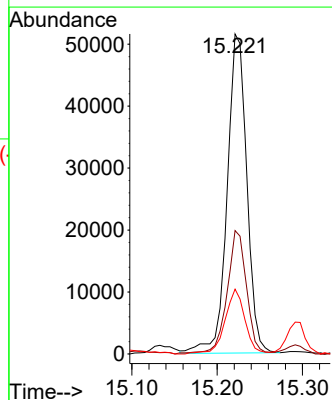
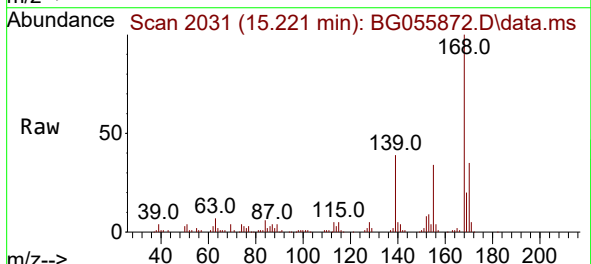
Instrument :  
BNA\_G  
ClientSampleId :  
S2DL

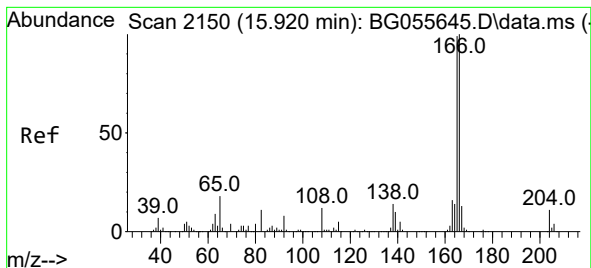
Tgt Ion:154 Resp: 37418  
Ion Ratio Lower Upper  
154 100  
153 122.2 95.0 142.4  
152 63.4 46.1 69.1



#55  
Dibenzofuran  
Concen: 5.997 ng  
RT: 15.221 min Scan# 2031  
Delta R.T. -0.011 min  
Lab File: BG055872.D  
Acq: 2 Dec 2022 13:41

Tgt Ion:168 Resp: 82810  
Ion Ratio Lower Upper  
168 100  
139 38.5 28.8 43.2  
169 20.2 11.0 16.4#





#58

Fluorene

Concen: 20.628 ng

RT: 15.873 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG055872.D

Acq: 2 Dec 2022 13:41

Instrument :

BNA\_G

ClientSampleId :

S2DL

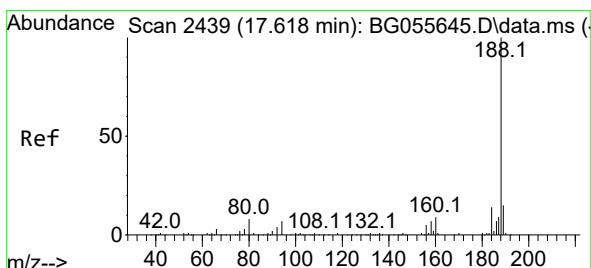
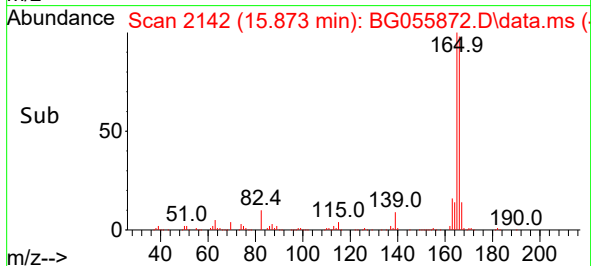
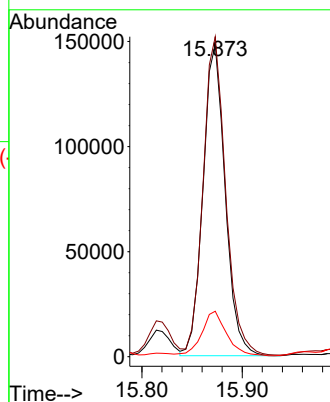
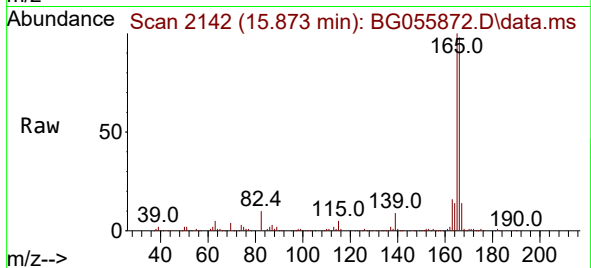
Tgt Ion:166 Resp: 227500

Ion Ratio Lower Upper

166 100

165 102.5 79.3 118.9

167 14.6 10.6 15.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.571 min Scan# 2431

Delta R.T. -0.006 min

Lab File: BG055872.D

Acq: 2 Dec 2022 13:41

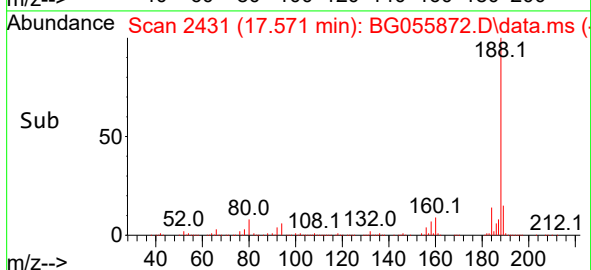
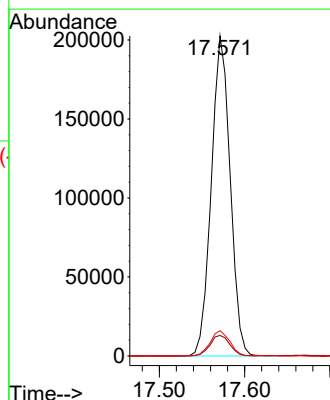
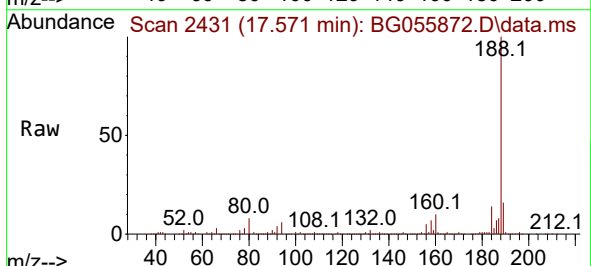
Tgt Ion:188 Resp: 311132

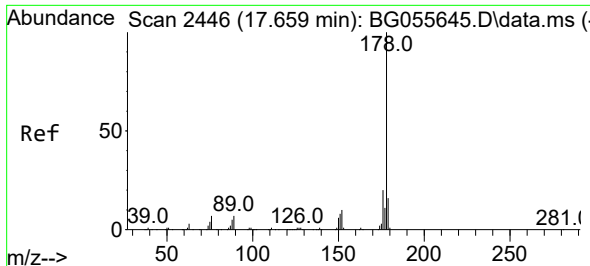
Ion Ratio Lower Upper

188 100

94 6.4 5.4 8.2

80 7.9 6.6 10.0

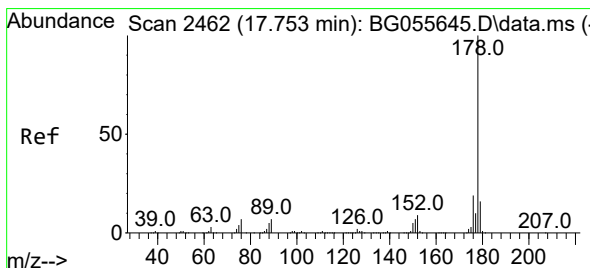
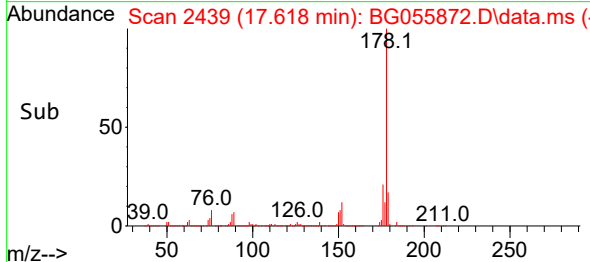
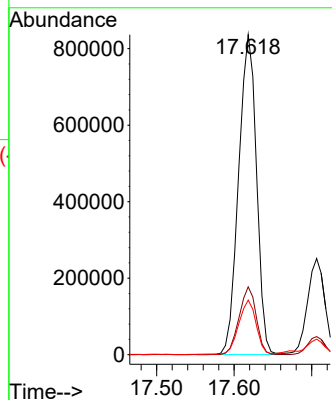
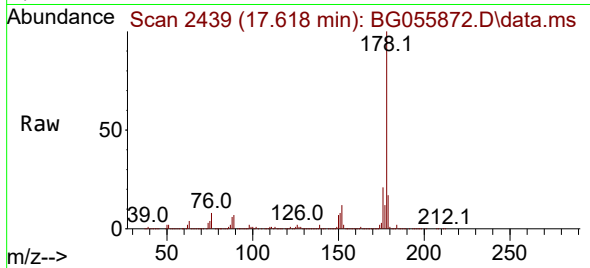




#71  
Phenanthrene  
Concen: 79.689 ng  
RT: 17.618 min Scan# 2446  
Delta R.T. -0.006 min  
Lab File: BG055872.D  
Acq: 2 Dec 2022 13:41

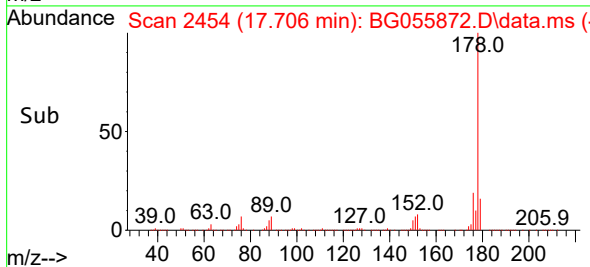
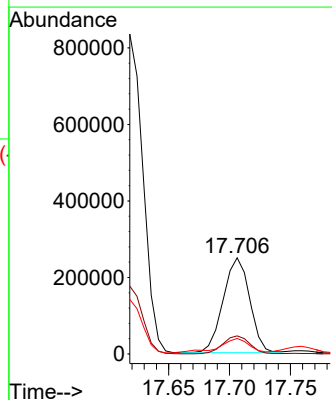
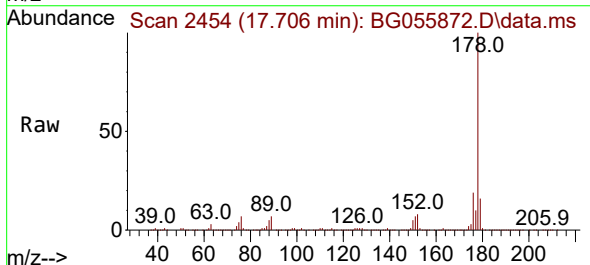
Instrument :  
BNA\_G  
ClientSampleId :  
S2DL

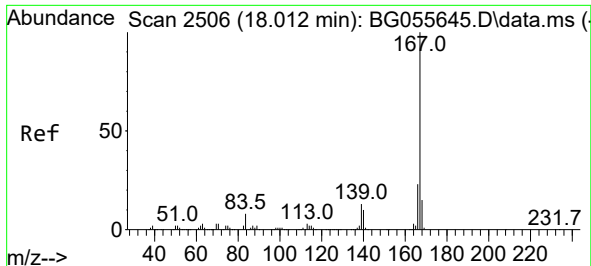
Tgt Ion:178 Resp: 1337972  
Ion Ratio Lower Upper  
178 100  
176 21.2 16.0 24.0  
179 17.1 12.7 19.1



#72  
Anthracene  
Concen: 22.976 ng  
RT: 17.706 min Scan# 2454  
Delta R.T. -0.006 min  
Lab File: BG055872.D  
Acq: 2 Dec 2022 13:41

Tgt Ion:178 Resp: 374826  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.5 23.3  
179 16.2 12.5 18.7

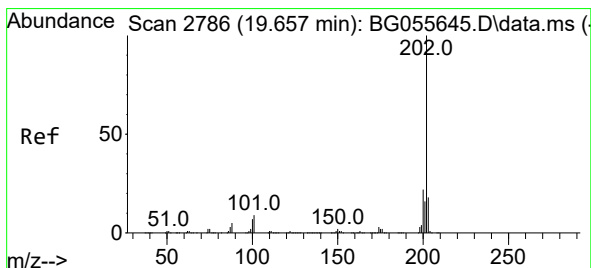
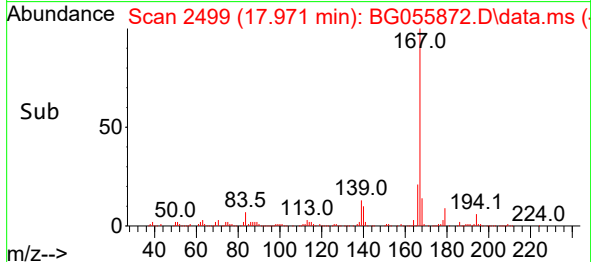
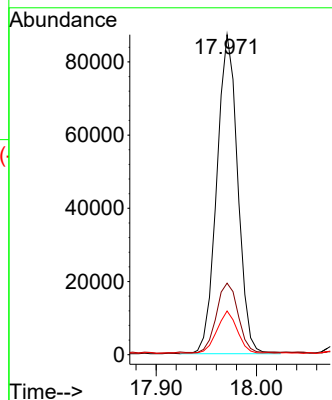
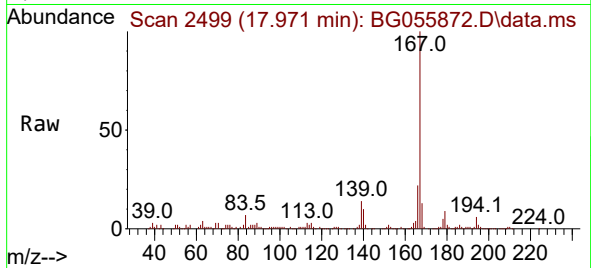




#73  
 Carbazole  
 Concen: 8.620 ng  
 RT: 17.971 min Scan# 24  
 Delta R.T. -0.006 min  
 Lab File: BG055872.D  
 Acq: 2 Dec 2022 13:41

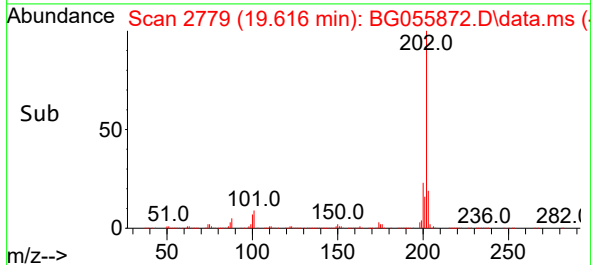
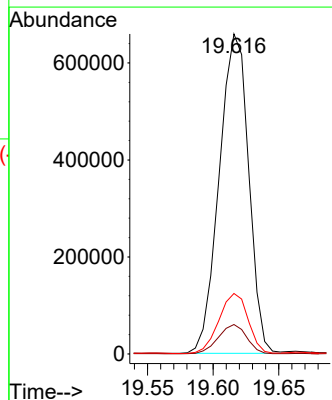
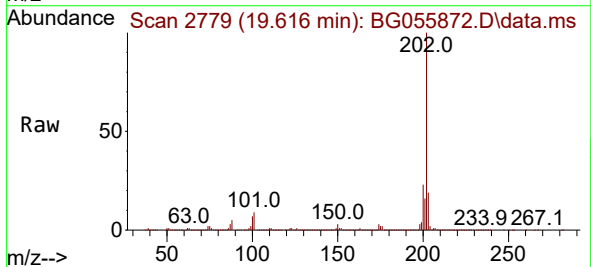
Instrument :  
 BNA\_G  
 ClientSampleId :  
 S2DL

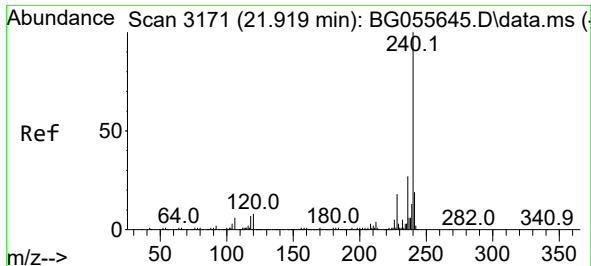
Tgt Ion:167 Resp: 126417  
 Ion Ratio Lower Upper  
 167 100  
 166 22.3 18.2 27.2  
 139 13.6 10.2 15.4



#75  
 Fluoranthene  
 Concen: 50.330 ng  
 RT: 19.616 min Scan# 2779  
 Delta R.T. 0.000 min  
 Lab File: BG055872.D  
 Acq: 2 Dec 2022 13:41

Tgt Ion:202 Resp: 1028061  
 Ion Ratio Lower Upper  
 202 100  
 101 9.2 0.0 28.8  
 203 18.9 0.0 38.1

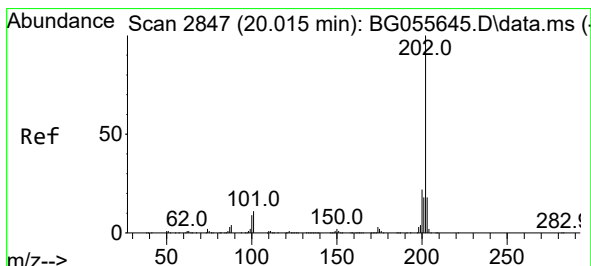
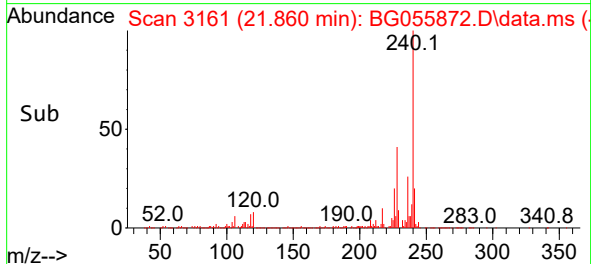
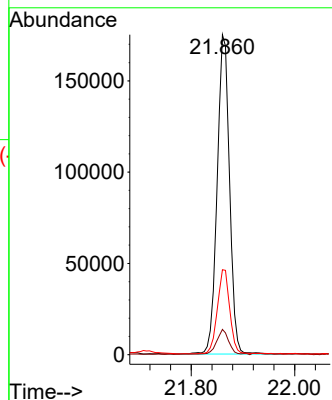
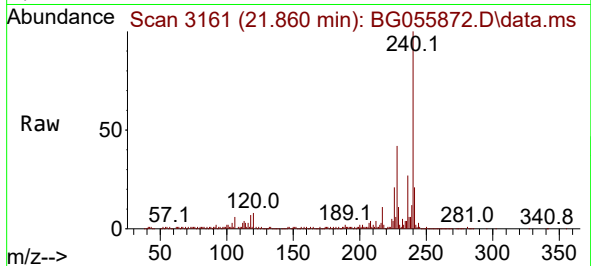




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.860 min Scan# 3171  
Delta R.T. -0.006 min  
Lab File: BG055872.D  
Acq: 2 Dec 2022 13:41

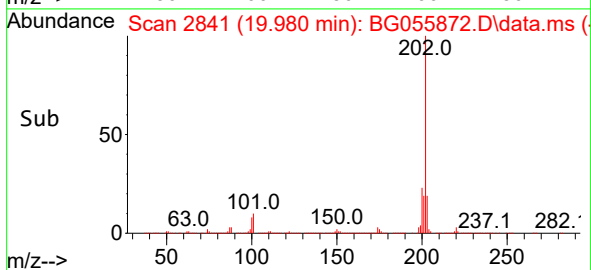
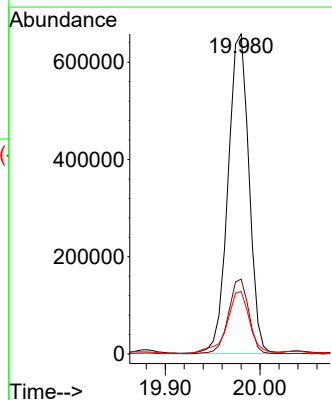
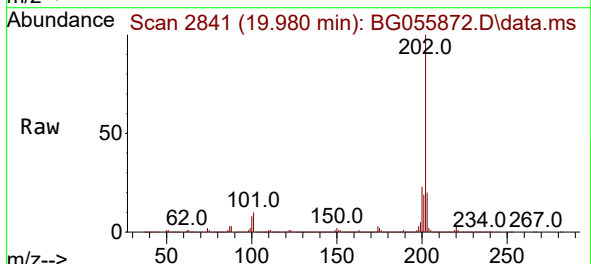
Instrument :  
BNA\_G  
ClientSampleId :  
S2DL

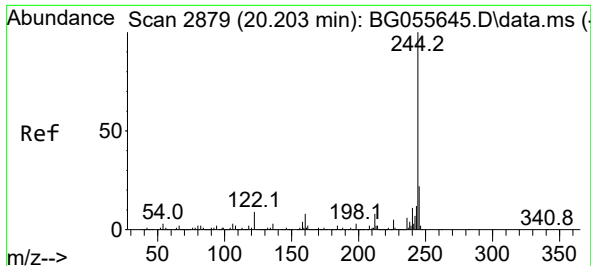
Tgt Ion:240 Resp: 289964  
Ion Ratio Lower Upper  
240 100  
120 7.9 6.3 9.5  
236 26.5 21.9 32.9



#78  
Pyrene  
Concen: 51.235 ng  
RT: 19.980 min Scan# 2841  
Delta R.T. 0.000 min  
Lab File: BG055872.D  
Acq: 2 Dec 2022 13:41

Tgt Ion:202 Resp: 1005586  
Ion Ratio Lower Upper  
202 100  
200 23.4 17.8 26.6  
203 19.5 14.4 21.6

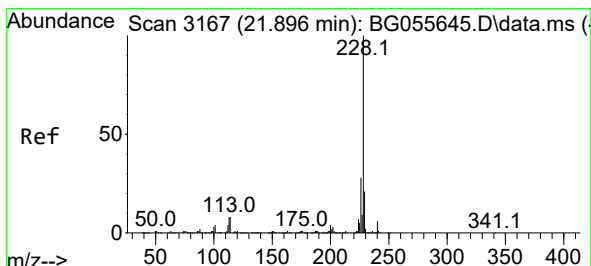
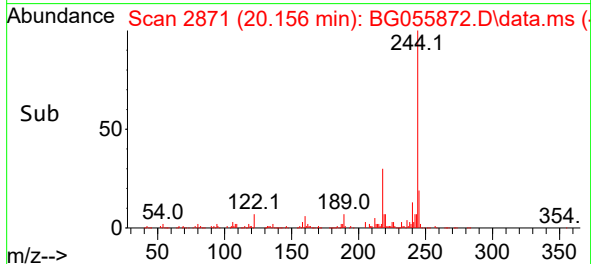
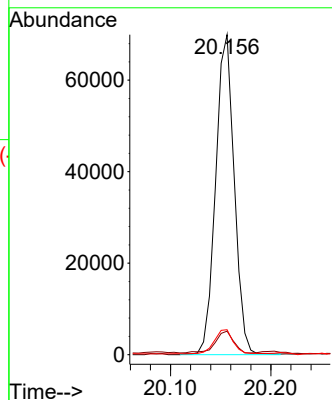
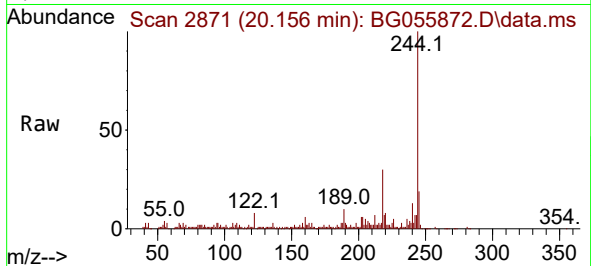




#79  
 Terphenyl-d14  
 Concen: 6.210 ng  
 RT: 20.156 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BG055872.D  
 Acq: 2 Dec 2022 13:41

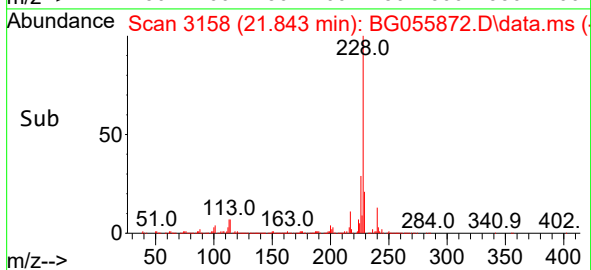
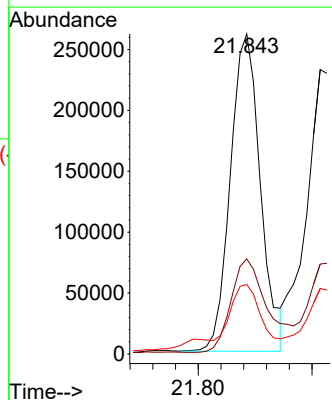
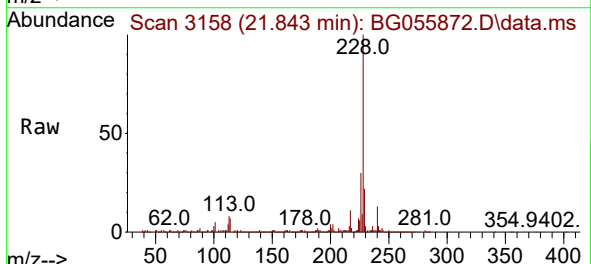
Instrument :  
 BNA\_G  
 ClientSampleId :  
 S2DL

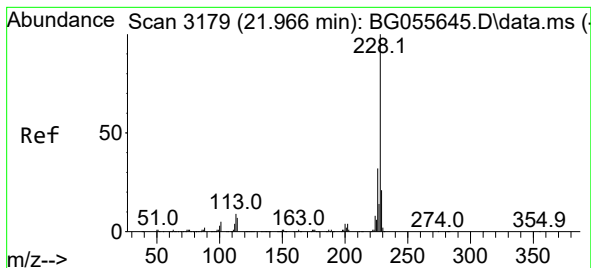
Tgt Ion:244 Resp: 90027  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 6.3 9.5  
 122 7.8 6.9 10.3



#81  
 Benzo(a)anthracene  
 Concen: 23.909 ng  
 RT: 21.843 min Scan# 3158  
 Delta R.T. -0.006 min  
 Lab File: BG055872.D  
 Acq: 2 Dec 2022 13:41

Tgt Ion:228 Resp: 477500  
 Ion Ratio Lower Upper  
 228 100  
 226 29.7 22.7 34.1  
 229 21.7 16.5 24.7





#83

Chrysene

Concen: 22.926 ng

RT: 21.907 min Scan# 31

Delta R.T. -0.011 min

Lab File: BG055872.D

Acq: 2 Dec 2022 13:41

Instrument :

BNA\_G

ClientSampleId :

S2DL

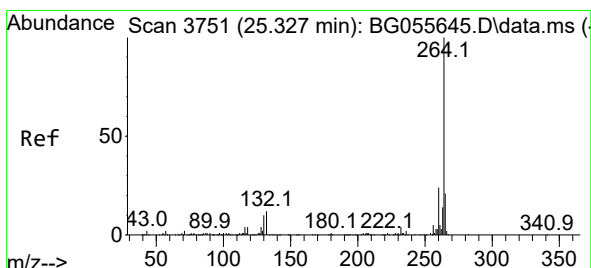
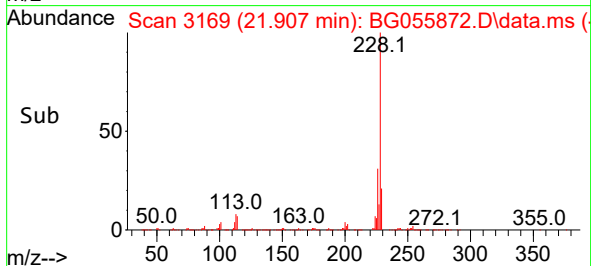
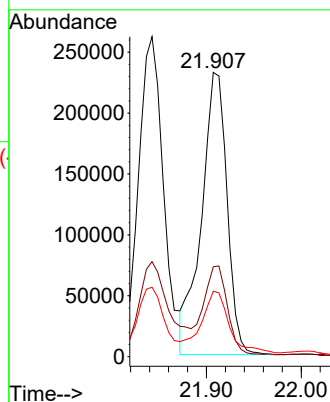
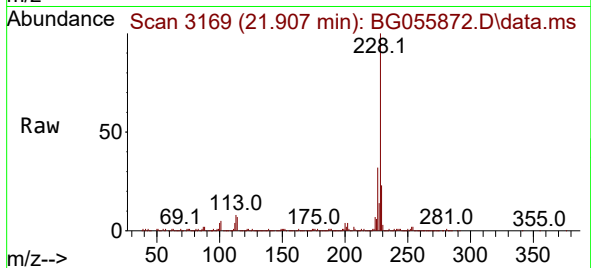
Tgt Ion:228 Resp: 435890

Ion Ratio Lower Upper

228 100

226 31.6 25.4 38.2

229 23.0 17.1 25.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.244 min Scan# 3737

Delta R.T. -0.006 min

Lab File: BG055872.D

Acq: 2 Dec 2022 13:41

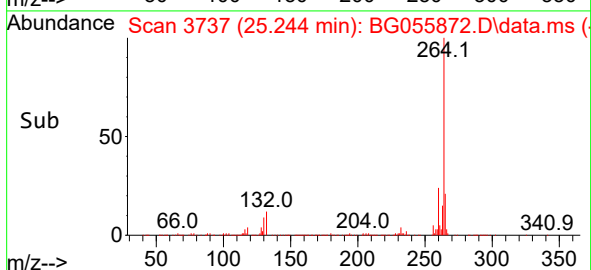
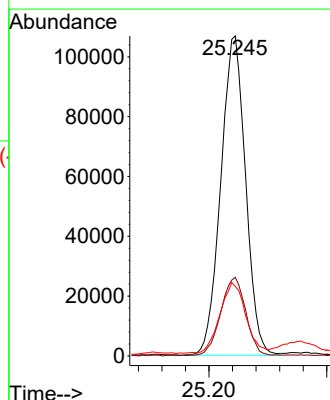
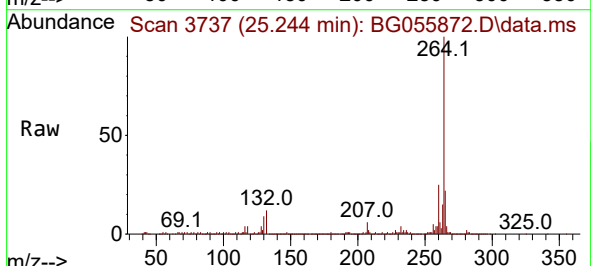
Tgt Ion:264 Resp: 311808

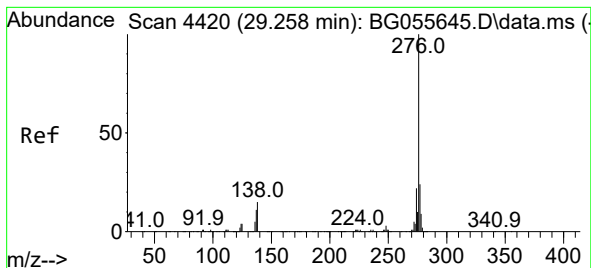
Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 21.7 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 8.439 ng

RT: 29.128 min Scan# 41

Delta R.T. -0.023 min

Lab File: BG055872.D

Acq: 2 Dec 2022 13:41

Instrument :

BNA\_G

ClientSampleId :

S2DL

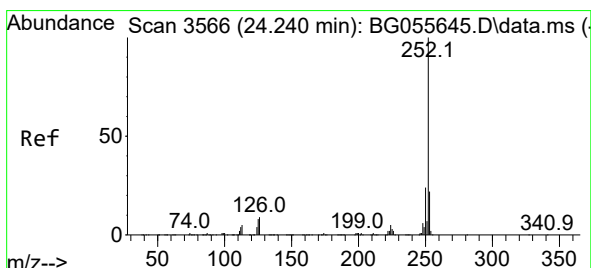
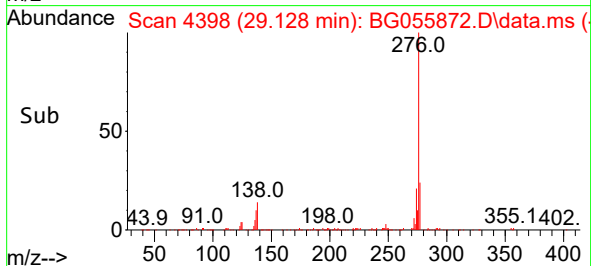
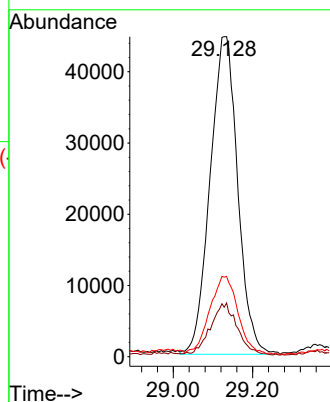
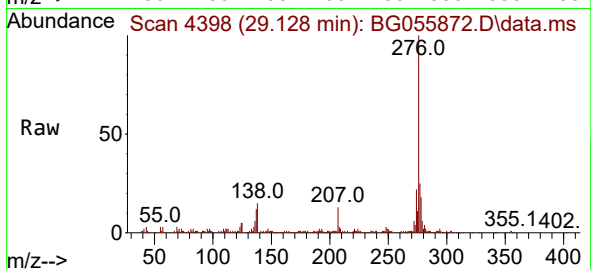
Tgt Ion:276 Resp: 215571

Ion Ratio Lower Upper

276 100

138 15.6 10.4 15.6#

277 25.0 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 20.610 ng

RT: 24.163 min Scan# 3553

Delta R.T. -0.006 min

Lab File: BG055872.D

Acq: 2 Dec 2022 13:41

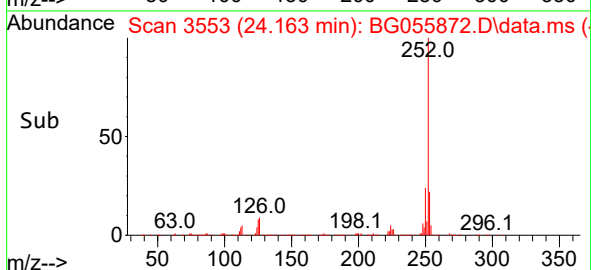
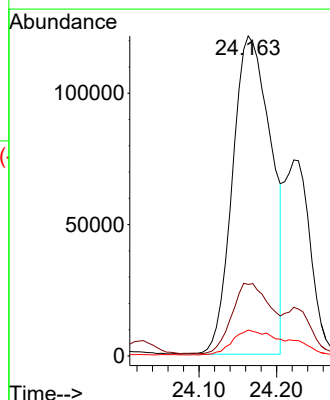
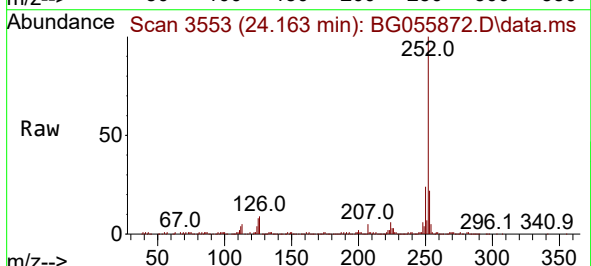
Tgt Ion:252 Resp: 418512

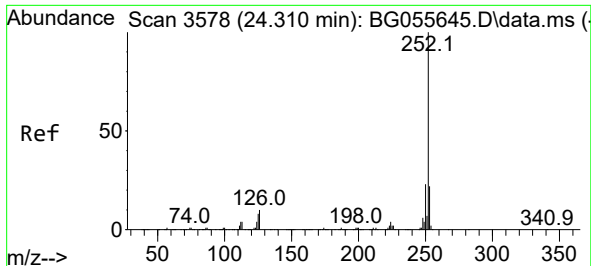
Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

125 8.1 6.2 9.2

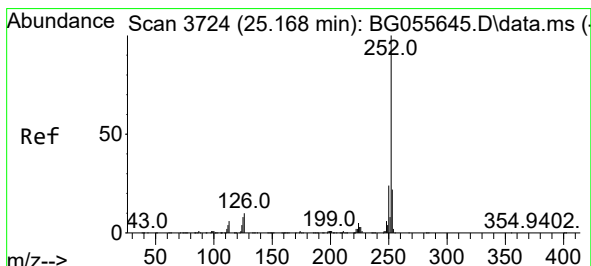
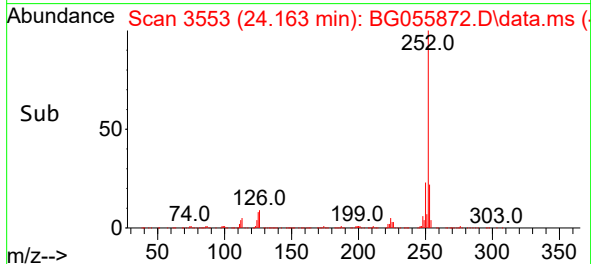
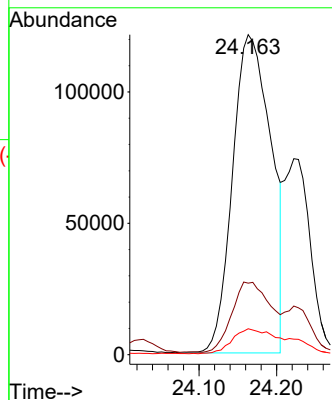
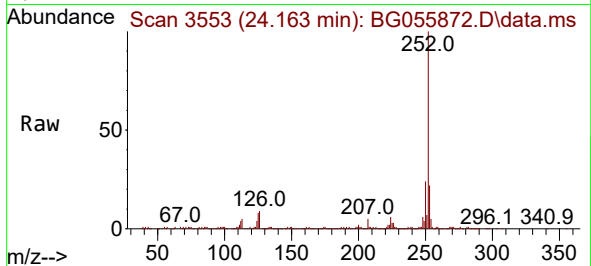




#89  
Benzo(k)fluoranthene  
Concen: 20.676 ng  
RT: 24.163 min Scan# 31  
Delta R.T. -0.076 min  
Lab File: BG055872.D  
Acq: 2 Dec 2022 13:41

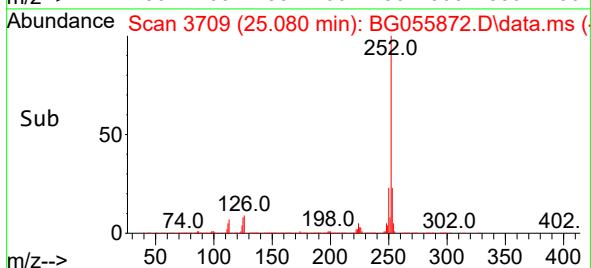
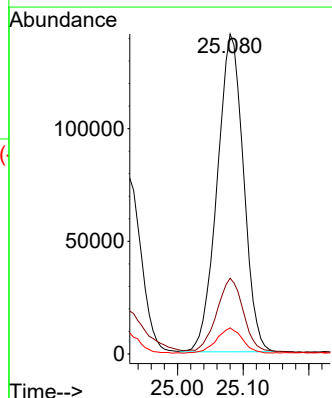
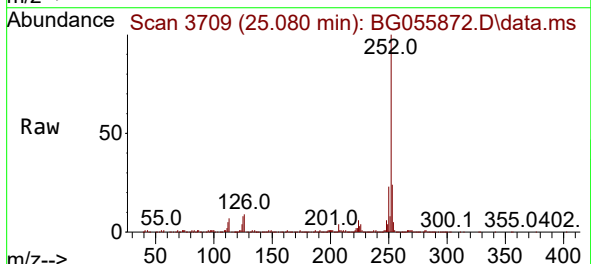
Instrument :  
BNA\_G  
ClientSampleId :  
S2DL

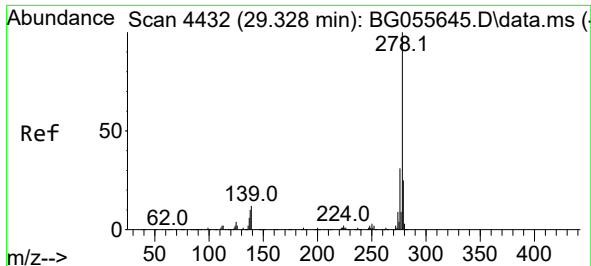
Tgt Ion:252 Resp: 418512  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.8 26.6  
125 8.1 6.1 9.1



#90  
Benzo(a)pyrene  
Concen: 22.495 ng  
RT: 25.080 min Scan# 3709  
Delta R.T. -0.011 min  
Lab File: BG055872.D  
Acq: 2 Dec 2022 13:41

Tgt Ion:252 Resp: 391991  
Ion Ratio Lower Upper  
252 100  
253 23.7 17.8 26.6  
125 8.1 6.4 9.6

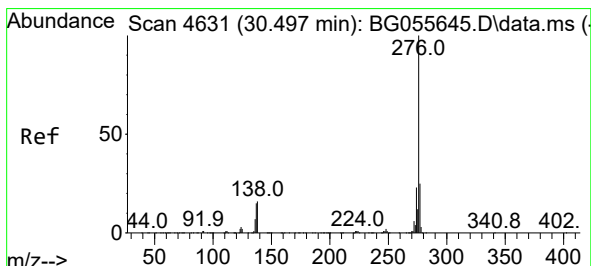
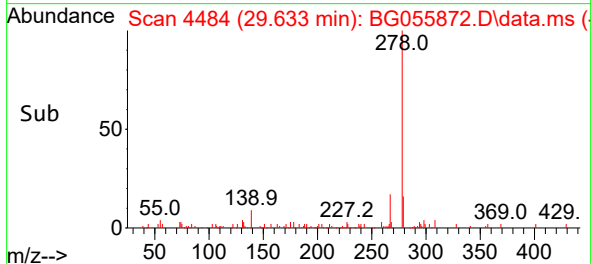
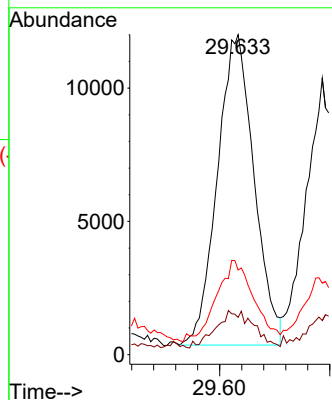
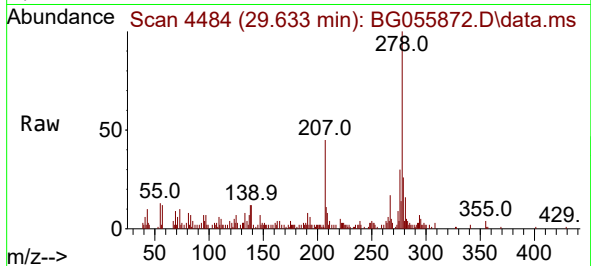




#91  
Dibenzo(a,h)anthracene  
Concen: 2.583 ng  
RT: 29.633 min Scan# 4432  
Delta R.T. 0.423 min  
Lab File: BG055872.D  
Acq: 2 Dec 2022 13:41

Instrument :  
BNA\_G  
ClientSampleId :  
S2DL

Tgt Ion:278 Resp: 53911  
Ion Ratio Lower Upper  
278 100  
139 11.7 9.8 14.8  
279 26.5 19.8 29.6



#92  
Benzo(g,h,i)perylene  
Concen: 9.789 ng  
RT: 30.356 min Scan# 4607  
Delta R.T. -0.017 min  
Lab File: BG055872.D  
Acq: 2 Dec 2022 13:41

Tgt Ion:276 Resp: 205948  
Ion Ratio Lower Upper  
276 100  
277 23.8 19.8 29.6  
138 16.0 13.1 19.7

