

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG031122\  
 Data File : BG052655.D  
 Acq On : 11 Mar 2022 20:10  
 Operator : CG/JU  
 Sample : N1845-01 5X  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SAMPLE-1

Quant Time: Mar 12 06:17:13 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 10 06:37:54 2022  
 Response via : Initial Calibration

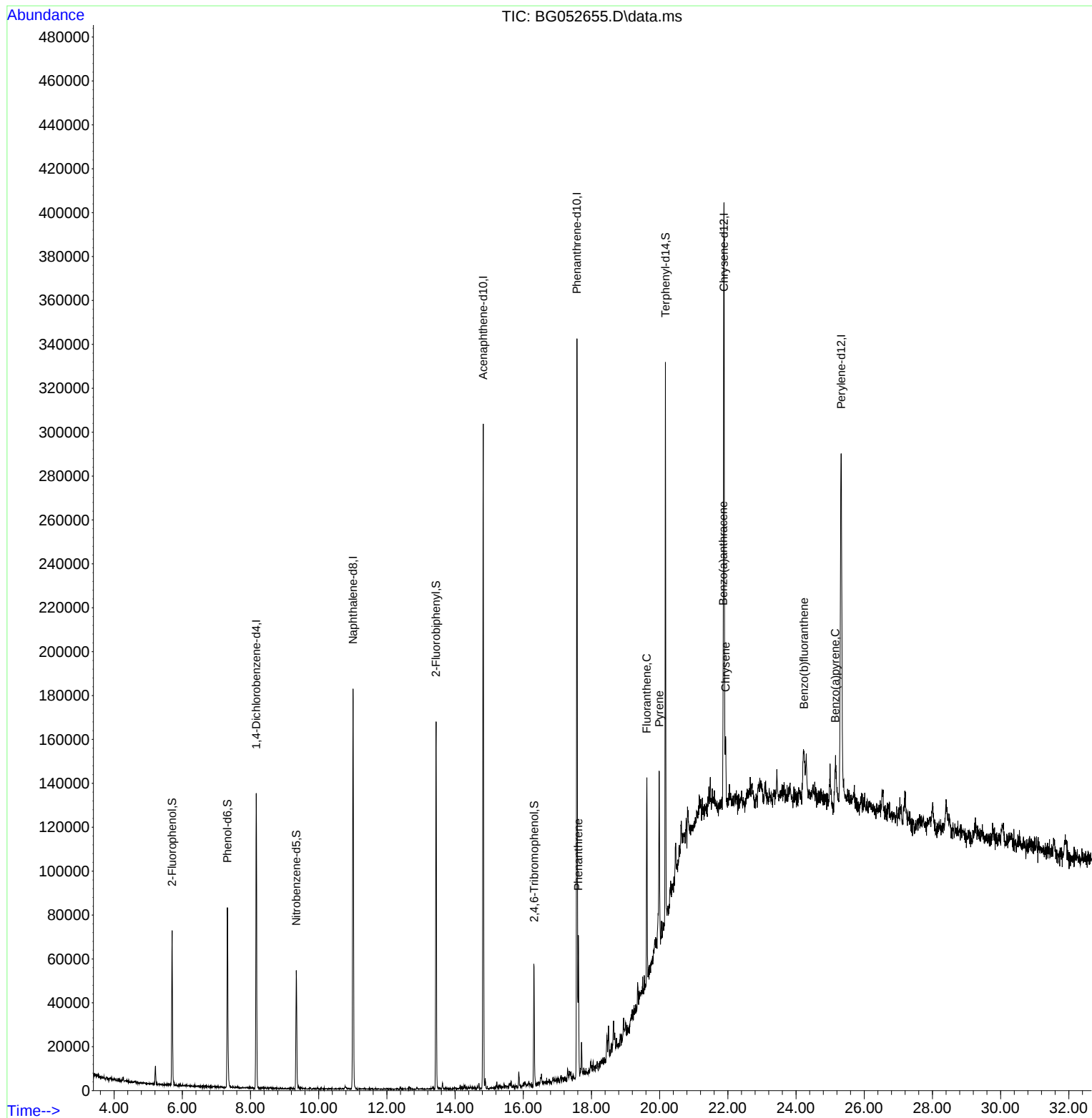
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.169  | 152  | 40628    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.007 | 136  | 164161   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.825 | 164  | 108017   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.574 | 188  | 220124   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.886 | 240  | 178074   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 25.323 | 264  | 190633   | 20.000 | ng    | 0.02     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.702  | 112  | 32824    | 13.957 | ng    | 0.00     |
| 7) Phenol-d6                | 7.323  | 99   | 51985    | 15.273 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.344  | 82   | 37360    | 10.317 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.317 | 330  | 12587    | 8.216  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.445 | 172  | 95466    | 11.929 | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.171 | 244  | 123682   | 12.290 | ng    | 0.00     |
| Target Compounds            |        |      |          |        |       |          |
|                             |        |      |          |        |       | Qvalue   |
| 71) Phenanthrene            | 17.615 | 178  | 39746    | 3.441  | ng    | 99       |
| 75) Fluoranthene            | 19.624 | 202  | 62084    | 4.305  | ng    | 98       |
| 78) Pyrene                  | 19.989 | 202  | 53242    | 4.473  | ng    | 99       |
| 81) Benzo(a)anthracene      | 21.863 | 228  | 26882    | 2.253  | ng    | 96       |
| 83) Chrysene                | 21.933 | 228  | 25100    | 2.250  | ng    | 95       |
| 88) Benzo(b)fluoranthene    | 24.230 | 252  | 34506    | 2.932  | ng    | # 86     |
| 90) Benzo(a)pyrene          | 25.152 | 252  | 22329    | 2.242  | ng    | # 85     |
| -----                       |        |      |          |        |       |          |

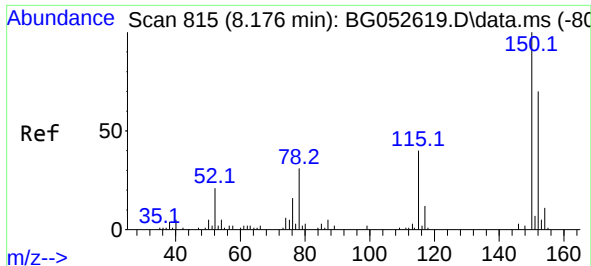
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG031122\  
Data File : BG052655.D  
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Quant Time: Mar 12 06:17:13 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Mar 10 06:37:54 2022  
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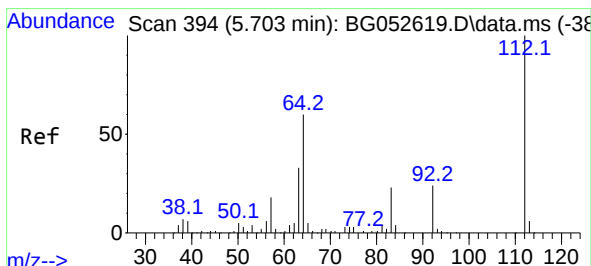
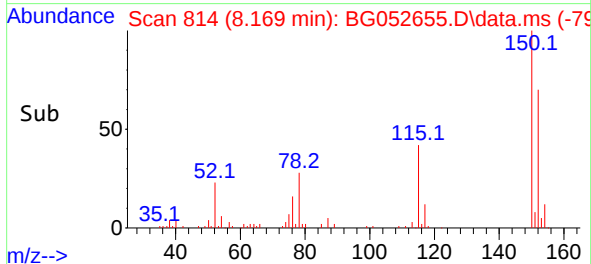
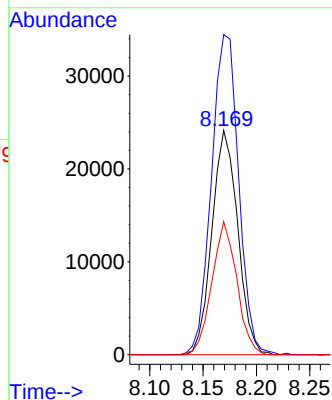
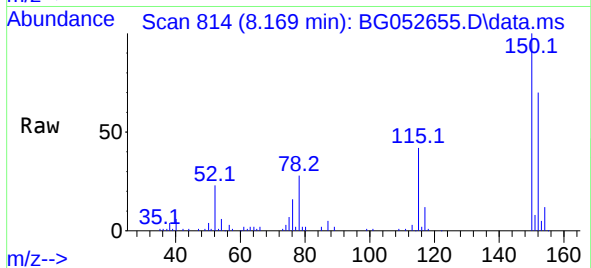




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.169 min Scan# 815  
Delta R.T. -0.007 min  
Lab File: BG052655.D  
Acq: 11 Mar 2022 20:10

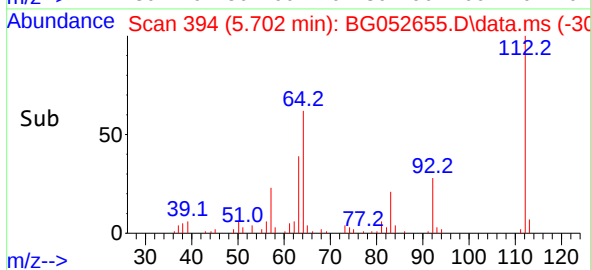
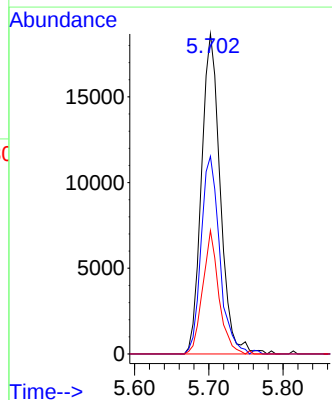
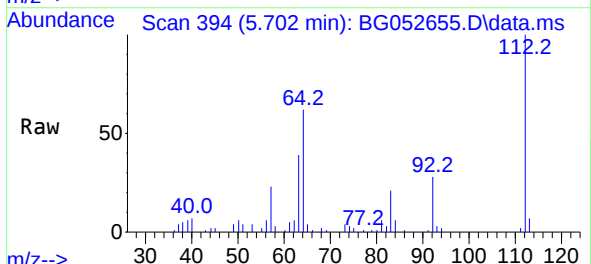
Instrument :  
BNA\_G  
ClientSampleId :  
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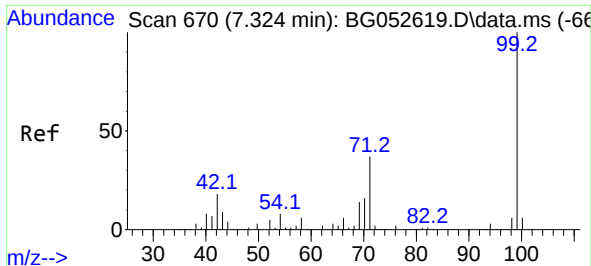
Tgt Ion:152 Resp: 40628  
Ion Ratio Lower Upper  
152 100  
150 142.7 114.6 172.0  
115 59.3 45.9 68.9



#5  
2-Fluorophenol  
Concen: 13.957 ng  
RT: 5.702 min Scan# 394  
Delta R.T. -0.001 min  
Lab File: BG052655.D  
Acq: 11 Mar 2022 20:10

Tgt Ion:112 Resp: 32824  
Ion Ratio Lower Upper  
112 100  
64 61.7 48.0 72.0  
63 38.6 26.5 39.7

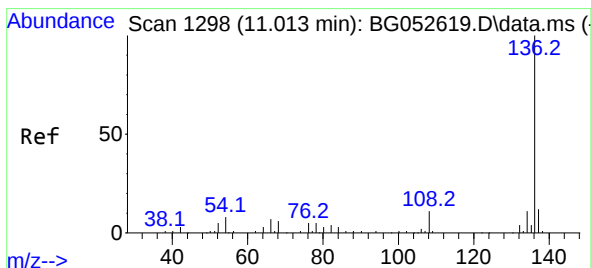
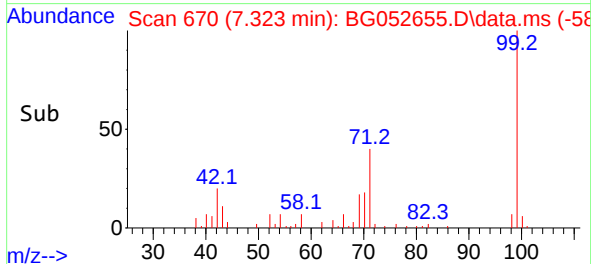
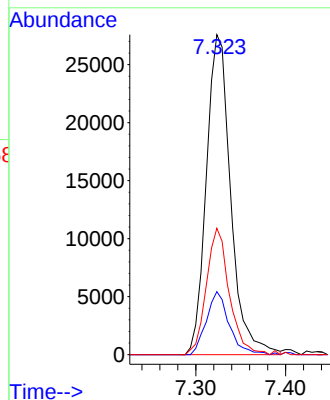
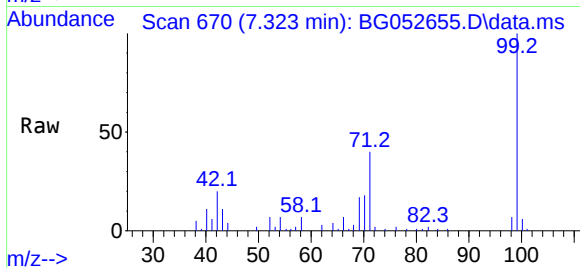




#7  
Phenol-d6  
Concen: 15.273 ng  
RT: 7.323 min Scan# 61  
Delta R.T. -0.001 min  
Lab File: BG052655.D  
Acq: 11 Mar 2022 20:10

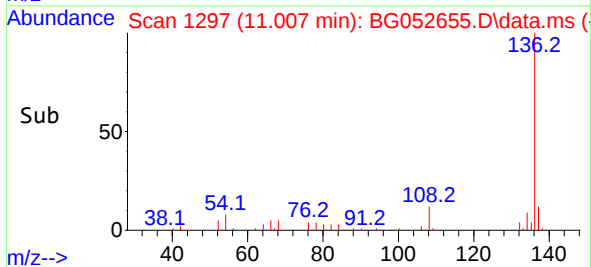
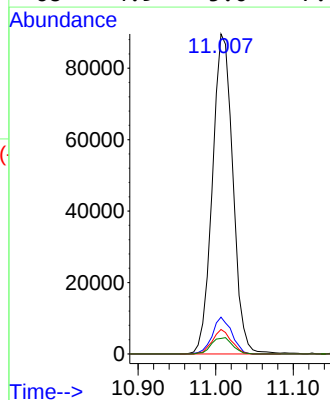
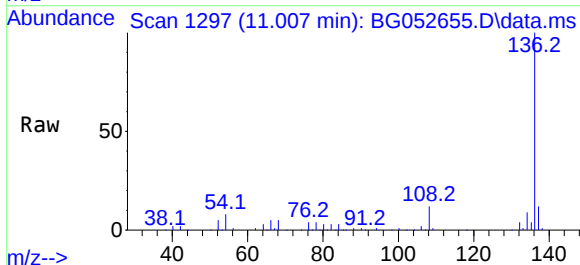
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ClientSampleId :  
SAMPLE-1

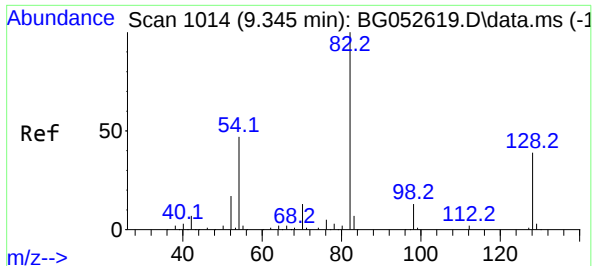
Tgt Ion: 99 Resp: 51985  
Ion Ratio Lower Upper  
99 100  
42 19.7 14.7 22.1  
71 39.5 29.2 43.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.007 min Scan# 1297  
Delta R.T. -0.006 min  
Lab File: BG052655.D  
Acq: 11 Mar 2022 20:10

Tgt Ion: 136 Resp: 164161  
Ion Ratio Lower Upper  
136 100  
137 11.5 9.4 14.2  
54 7.7 6.4 9.6  
68 4.9 5.0 7.6#





#23

Nitrobenzene-d5

Concen: 10.317 ng

RT: 9.344 min Scan# 1014

Delta R.T. -0.001 min

Lab File: BG052655.D

Acq: 11 Mar 2022 20:10

Instrument :

BNA\_G

ClientSampleId :

SAMPLE-1

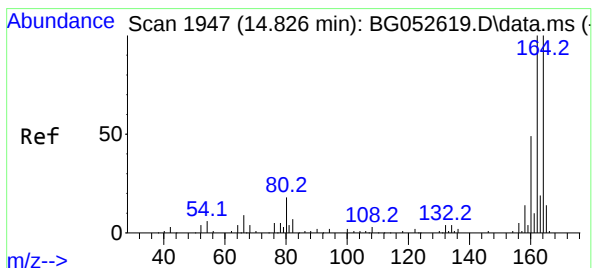
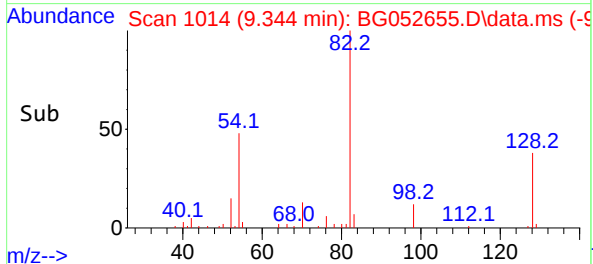
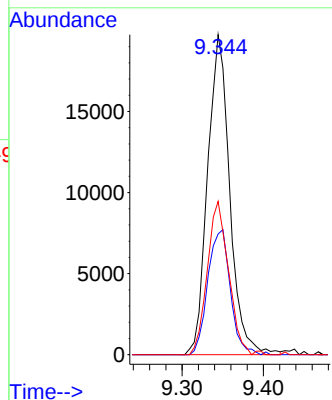
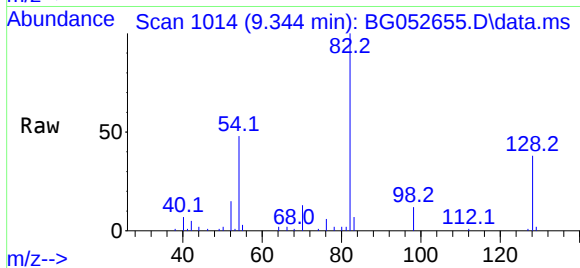
Tgt Ion: 82 Resp: 37360

Ion Ratio Lower Upper

82 100

128 37.7 31.3 46.9

54 47.9 37.8 56.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.825 min Scan# 1947

Delta R.T. -0.001 min

Lab File: BG052655.D

Acq: 11 Mar 2022 20:10

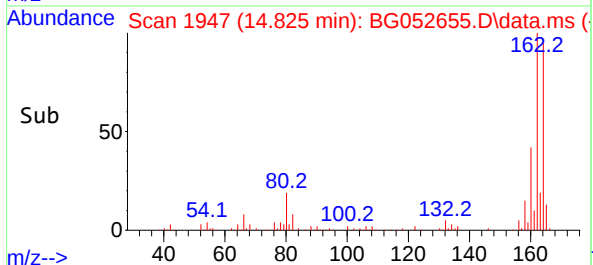
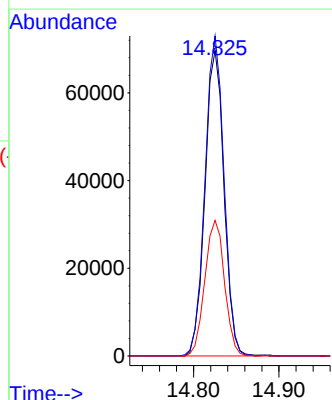
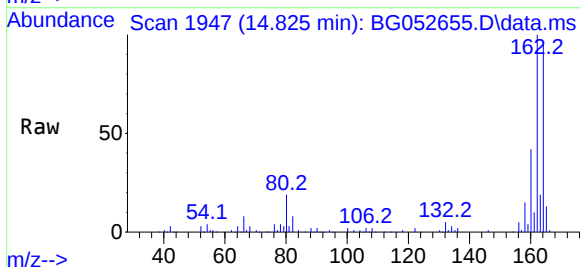
Tgt Ion:164 Resp: 108017

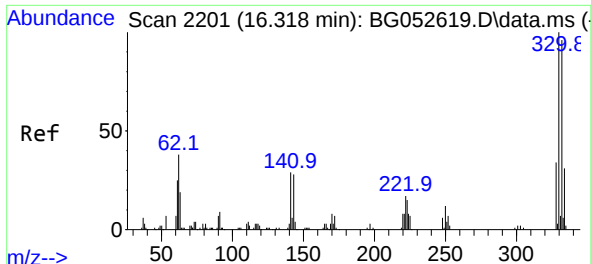
Ion Ratio Lower Upper

164 100

162 104.8 80.0 120.0

160 44.4 38.8 58.2

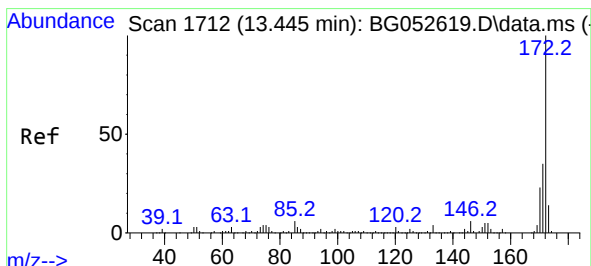
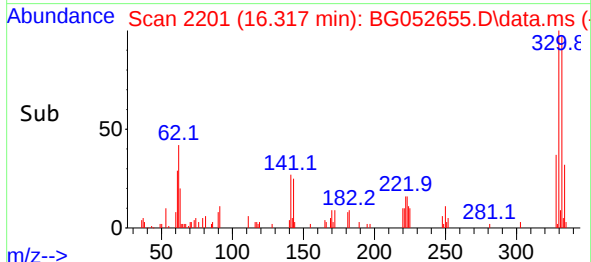
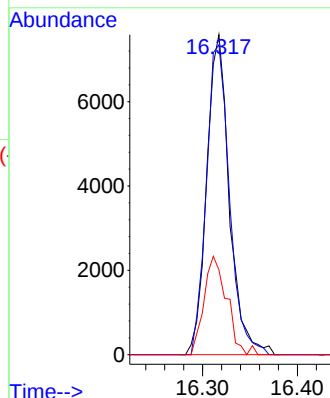
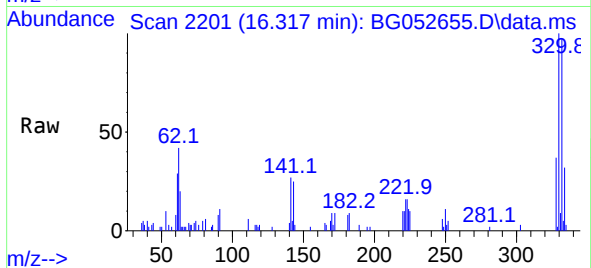




#42  
2,4,6-Tribromophenol  
Concen: 8.216 ng  
RT: 16.317 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: BG052655.D  
Acq: 11 Mar 2022 20:10

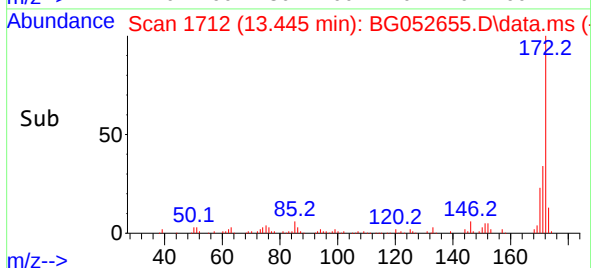
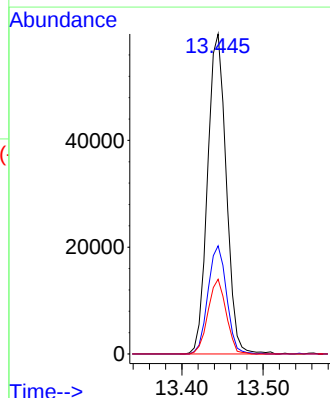
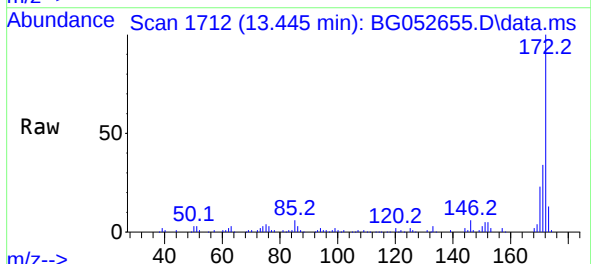
Instrument :  
BNA\_G  
ClientSampleId :  
SAMPLE-1

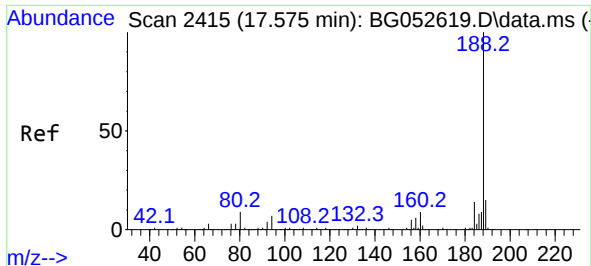
Tgt Ion:330 Resp: 12587  
Ion Ratio Lower Upper  
330 100  
332 99.2 75.8 113.6  
141 31.0 24.6 36.8



#45  
2-Fluorobiphenyl  
Concen: 11.929 ng  
RT: 13.445 min Scan# 1712  
Delta R.T. -0.000 min  
Lab File: BG052655.D  
Acq: 11 Mar 2022 20:10

Tgt Ion:172 Resp: 95466  
Ion Ratio Lower Upper  
172 100  
171 33.8 28.3 42.5  
170 23.4 18.0 27.0

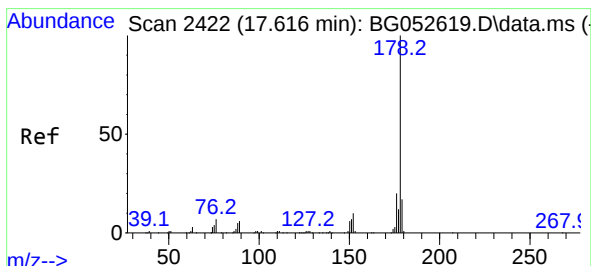
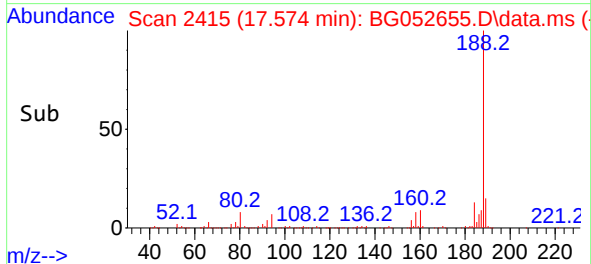
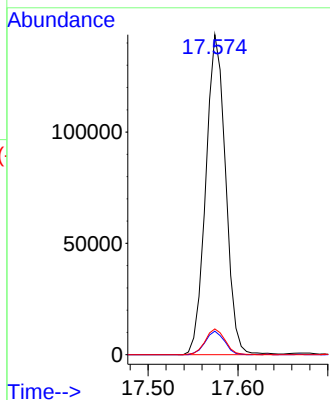
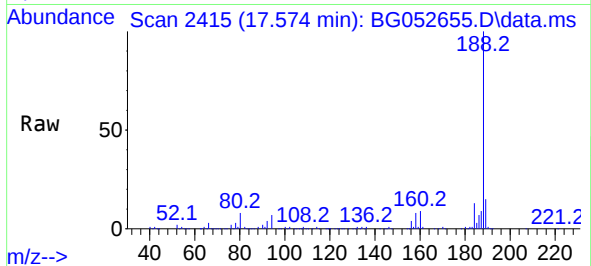




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.574 min Scan# 2415  
Delta R.T. -0.001 min  
Lab File: BG052655.D  
Acq: 11 Mar 2022 20:10

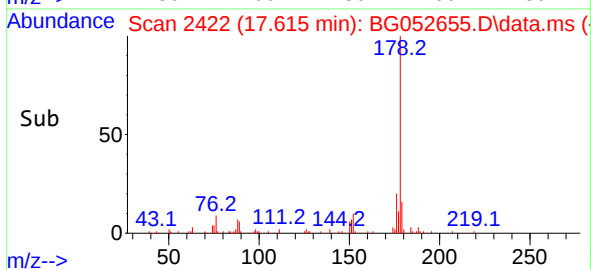
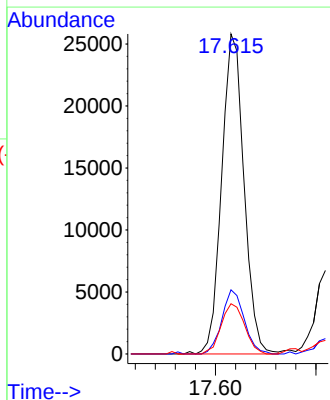
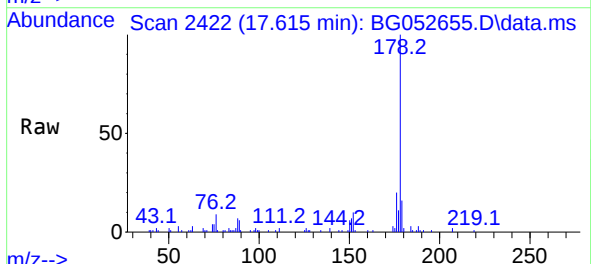
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ClientSampleId :  
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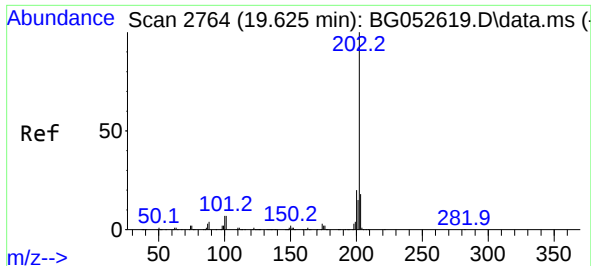
Tgt Ion:188 Resp: 220124  
Ion Ratio Lower Upper  
188 100  
94 7.3 5.7 8.5  
80 8.0 7.2 10.8



#71  
Phenanthrene  
Concen: 3.441 ng  
RT: 17.615 min Scan# 2422  
Delta R.T. -0.001 min  
Lab File: BG052655.D  
Acq: 11 Mar 2022 20:10

Tgt Ion:178 Resp: 39746  
Ion Ratio Lower Upper  
178 100  
176 20.1 15.9 23.9  
179 15.7 13.4 20.2

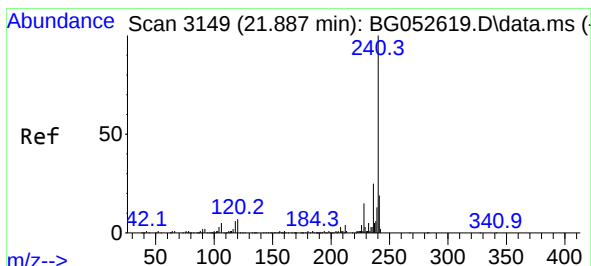
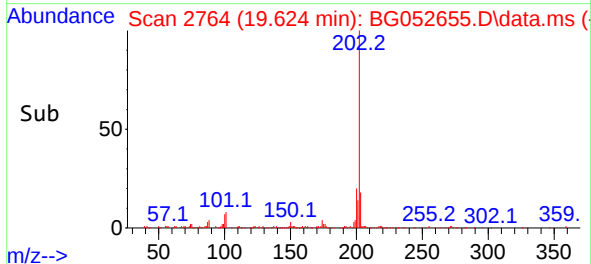
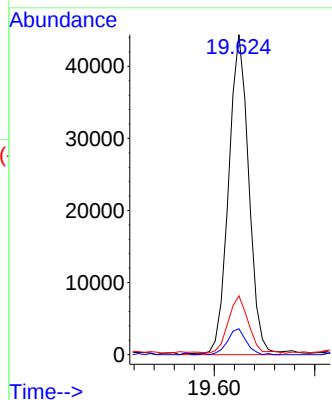
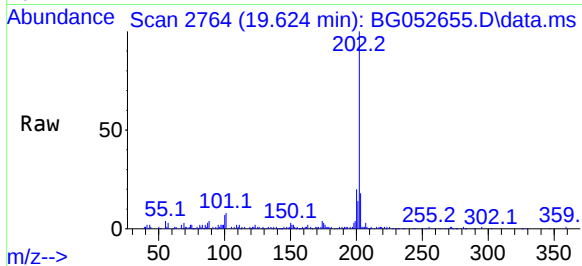




#75  
Fluoranthene  
Concen: 4.305 ng  
RT: 19.624 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: BG052655.D  
Acq: 11 Mar 2022 20:10

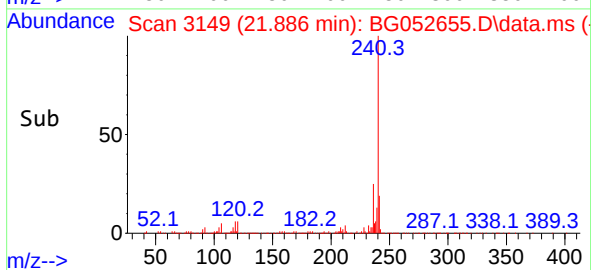
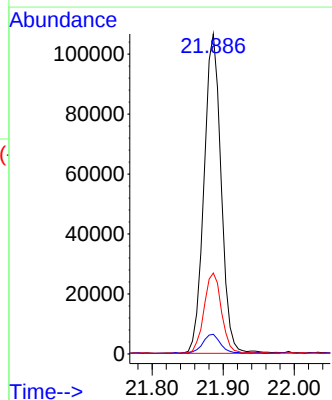
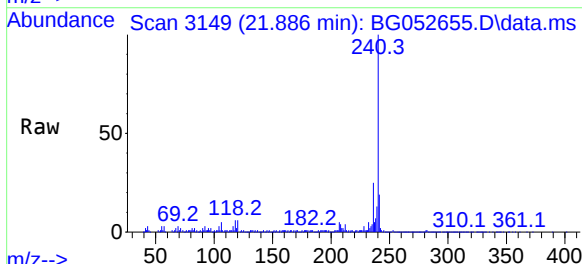
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BNA\_G  
ClientSampleId :  
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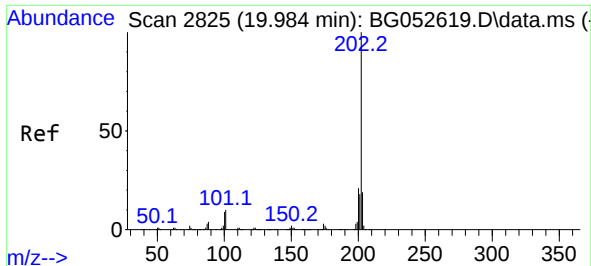
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 202   | Resp: | 62084 |
| Ion      | Ratio | Lower | Upper |
| 202      | 100   |       |       |
| 101      | 8.1   | 0.0   | 27.3  |
| 203      | 18.4  | 0.0   | 37.7  |



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.886 min Scan# 3149  
Delta R.T. -0.001 min  
Lab File: BG052655.D  
Acq: 11 Mar 2022 20:10

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 178074 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 6.1   | 5.4   | 8.0    |
| 236      | 25.3  | 19.8  | 29.6   |

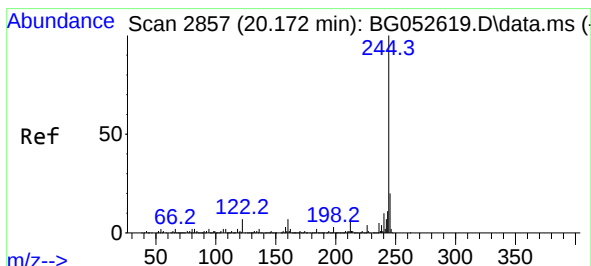
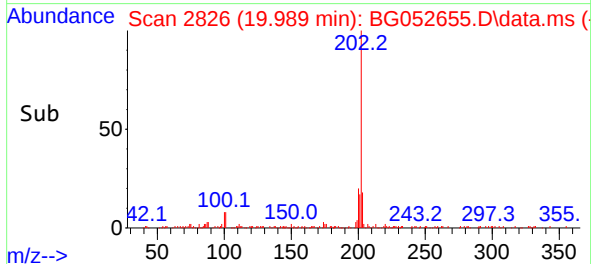
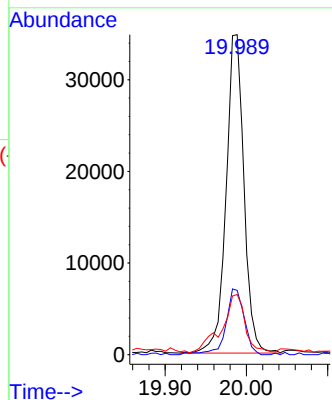
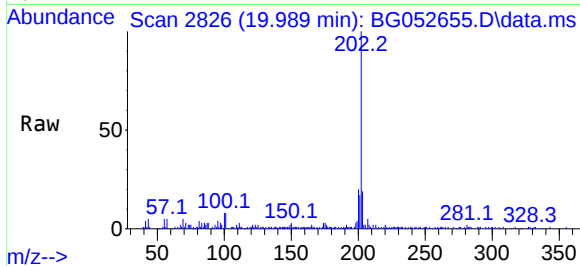




#78  
 Pyrene  
 Concen: 4.473 ng  
 RT: 19.989 min Scan# 2826  
 Delta R.T. 0.005 min  
 Lab File: BG052655.D  
 Acq: 11 Mar 2022 20:10

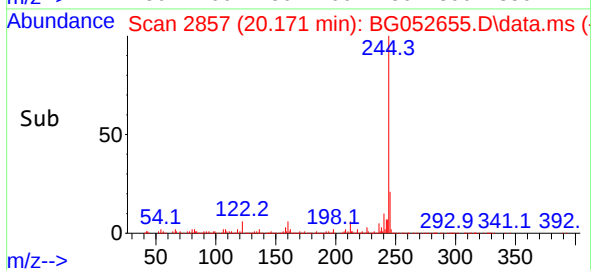
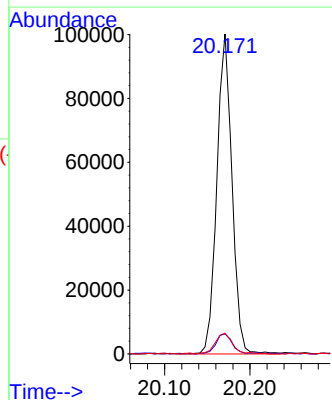
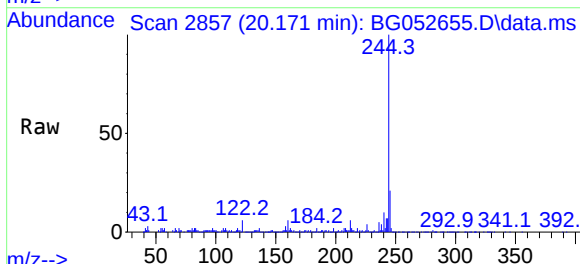
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SAMPLE-1

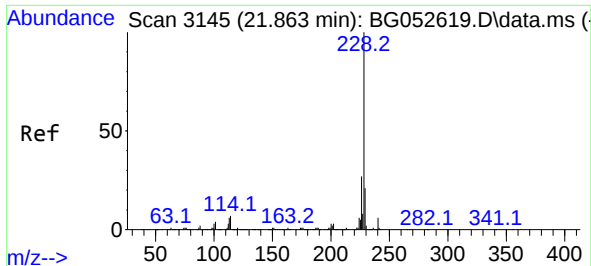
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 202   | Resp: | 53242 |
| Ion Ratio | Lower | Upper |       |
| 202       | 100   |       |       |
| 200       | 20.1  | 17.0  | 25.6  |
| 203       | 18.8  | 15.0  | 22.6  |



#79  
 Terphenyl-d14  
 Concen: 12.290 ng  
 RT: 20.171 min Scan# 2857  
 Delta R.T. -0.001 min  
 Lab File: BG052655.D  
 Acq: 11 Mar 2022 20:10

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 244   | Resp: | 123682 |
| Ion Ratio | Lower | Upper |        |
| 244       | 100   |       |        |
| 212       | 6.2   | 5.4   | 8.2    |
| 122       | 6.5   | 5.8   | 8.6    |

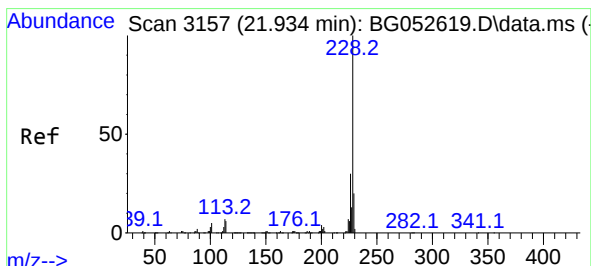
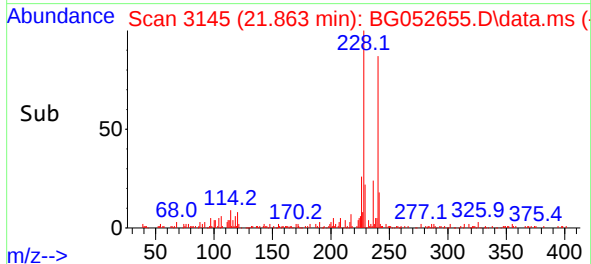
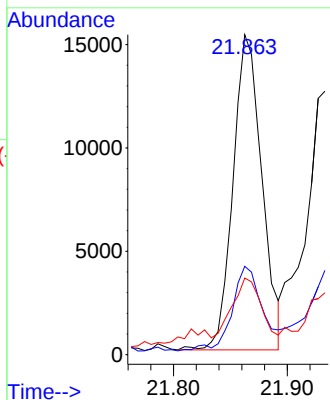
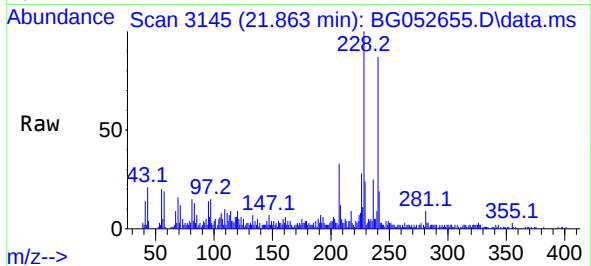




#81  
Benzo(a)anthracene  
Concen: 2.253 ng  
RT: 21.863 min Scan# 3145  
Delta R.T. -0.001 min  
Lab File: BG052655.D  
Acq: 11 Mar 2022 20:10

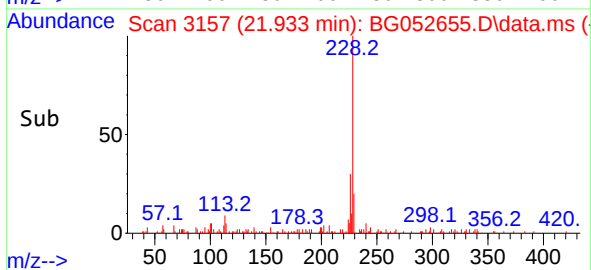
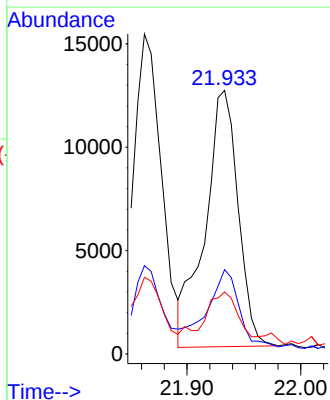
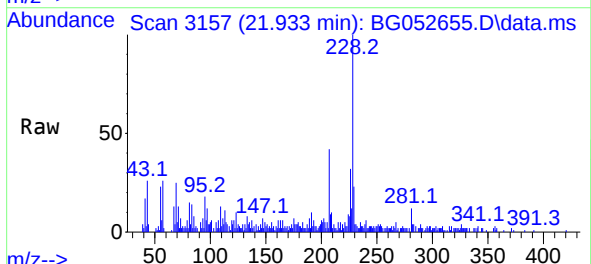
Instrument :  
BNA\_G  
ClientSampleId :  
SAMPLE-1

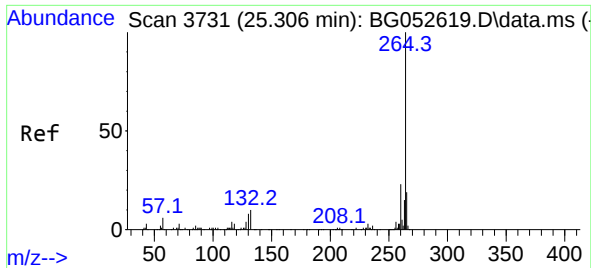
Tgt Ion:228 Resp: 26882  
Ion Ratio Lower Upper  
228 100  
226 27.6 21.4 32.0  
229 23.9 16.7 25.1



#83  
Chrysene  
Concen: 2.250 ng  
RT: 21.933 min Scan# 3157  
Delta R.T. -0.001 min  
Lab File: BG052655.D  
Acq: 11 Mar 2022 20:10

Tgt Ion:228 Resp: 25100  
Ion Ratio Lower Upper  
228 100  
226 32.0 24.2 36.4  
229 23.5 16.3 24.5

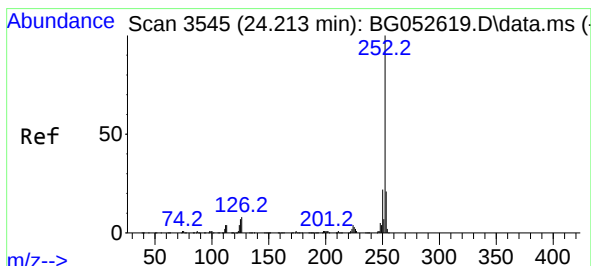
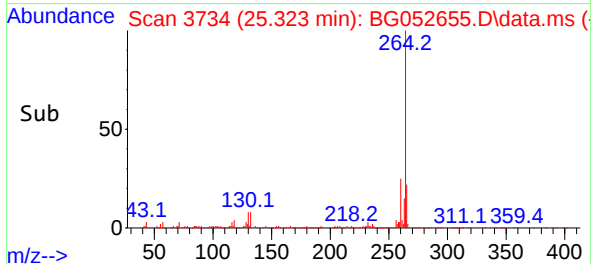
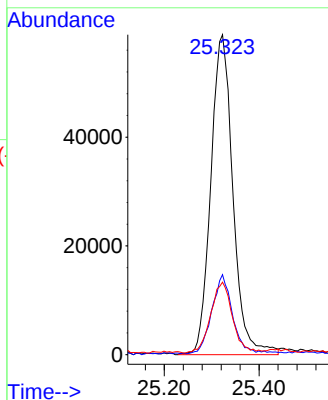
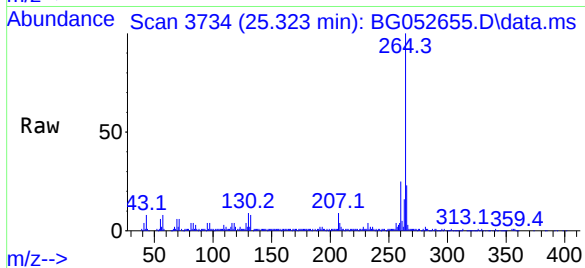




#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.323 min Scan# 31  
 Delta R.T. 0.017 min  
 Lab File: BG052655.D  
 Acq: 11 Mar 2022 20:10

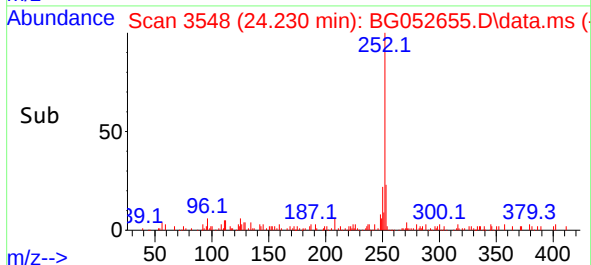
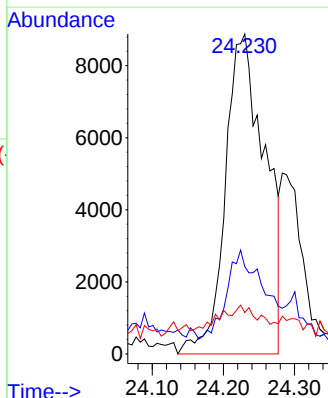
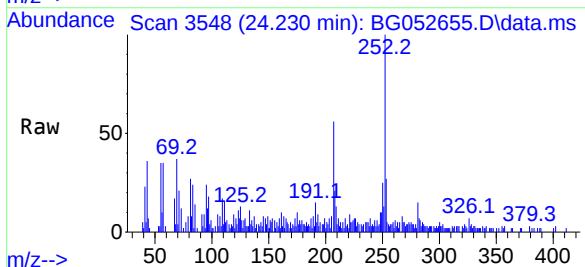
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SAMPLE-1

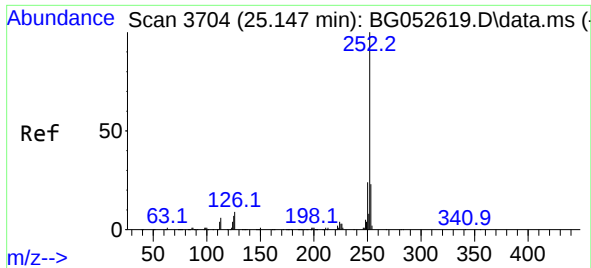
Tgt Ion:264 Resp: 190633  
 Ion Ratio Lower Upper  
 264 100  
 260 25.0 18.2 27.2  
 265 22.7 15.1 22.7



#88  
 Benzo(b)fluoranthene  
 Concen: 2.932 ng  
 RT: 24.230 min Scan# 3548  
 Delta R.T. 0.017 min  
 Lab File: BG052655.D  
 Acq: 11 Mar 2022 20:10

Tgt Ion:252 Resp: 34506  
 Ion Ratio Lower Upper  
 252 100  
 253 27.3 17.2 25.8#  
 125 13.0 5.2 7.8#





#90  
 Benzo(a)pyrene  
 Concen: 2.242 ng  
 RT: 25.152 min Scan# 31  
 Delta R.T. 0.005 min  
 Lab File: BG052655.D  
 Acq: 11 Mar 2022 20:10

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SAMPLE-1

Tgt Ion:252 Resp: 22329  
 Ion Ratio Lower Upper  
 252 100  
 253 27.7 18.4 27.6#  
 125 17.4 5.6 8.4#

