

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG052622\  
 Data File : BG053724.D  
 Acq On : 26 May 2022 19:43  
 Operator : CG/JU  
 Sample : N2985-04  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 P021-SS003-0006-01

Quant Time: May 27 05:00:58 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG050522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 25 15:11:41 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.988  | 152  | 32388    | 20.000 | ng     | 0.00     |
| 21) Naphthalene-d8            | 10.796 | 136  | 123070   | 20.000 | ng     | 0.00     |
| 39) Acenaphthene-d10          | 14.620 | 164  | 85605    | 20.000 | ng     | 0.00     |
| 64) Phenanthrene-d10          | 17.369 | 188  | 180470   | 20.000 | ng     | 0.00     |
| 76) Chrysene-d12              | 21.634 | 240  | 171415   | 20.000 | ng     | 0.00     |
| 86) Perylene-d12              | 24.836 | 264  | 170436   | 20.000 | ng     | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 5) 2-Fluorophenol             | 5.556  | 112  | 68573    | 35.932 | ng     | 0.00     |
| 7) Phenol-d6                  | 7.166  | 99   | 100933   | 34.849 | ng     | 0.00     |
| 23) Nitrobenzene-d5           | 9.151  | 82   | 72300    | 25.008 | ng     | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.112 | 330  | 42296    | 33.500 | ng     | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.240 | 172  | 159807   | 27.279 | ng     | 0.00     |
| 79) Terphenyl-d14             | 19.978 | 244  | 239354   | 26.006 | ng     | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.388  | 88   | 172      | 0.172  | ng     | # 55     |
| 3) Pyridine                   | 4.240  | 79   | 60       | 0.025  | ng     | # 1      |
| 4) n-Nitrosodimethylamine     | 3.747  | 42   | 56       | 0.047  | ng     | # 1      |
| 9) Benzaldehyde               | 7.166  | 77   | 69       | 0.038  | ng     | # 10     |
| 15) Benzyl Alcohol            | 7.982  | 79   | 1031     | 0.426  | ng     | # 31     |
| 19) n-Nitroso-di-n-propyla... | 9.151  | 70   | 10066    | 4.844  | ng     | # 81     |
| 24) Nitrobenzene              | 9.151  | 77   | 57       | 0.020  | ng     | # 48     |
| 25) Isophorone                | 9.298  | 82   | 68       | 0.014  | ng     | # 69     |
| 46) 1,1'-Biphenyl             | 13.246 | 154  | 194      | 0.033  | ng     | # 1      |
| 48) 2-Nitroaniline            | 13.240 | 65   | 172      | 0.101  | ng     | # 1      |
| 51) 2,6-Dinitrotoluene        | 14.626 | 165  | 11167    | 8.426  | ng     | # 17     |
| 52) Acenaphthene              | 14.620 | 154  | 136      | 0.031  | ng     | # 3      |
| 57) 2,4-Dinitrotoluene        | 14.626 | 165  | 11167    | 5.813  | ng     | # 22     |
| 58) Fluorene                  | 16.112 | 166  | 1191     | 0.190  | ng     | # 85     |
| 60) Diethylphthalate          | 15.460 | 149  | 54       | 0.008  | ng     | # 57     |
| 63) Azobenzene                | 16.106 | 77   | 147      | 0.021  | ng     | # 50     |
| 65) 4,6-Dinitro-2-methylph... | 16.124 | 198  | 82       | 0.076  | ng     | # 35     |
| 66) n-Nitrosodiphenylamine    | 16.112 | 169  | 1246     | 0.263  | ng     | # 34     |
| 67) 4-Bromophenyl-phenylether | 16.112 | 248  | 2899     | 1.375  | ng     | # 1      |
| 71) Phenanthrene              | 17.410 | 178  | 59       | 0.006  | ng     | # 62     |
| 72) Anthracene                | 17.410 | 178  | 59       | 0.007  | ng     | # 60     |
| 73) Carbazole                 | 17.769 | 167  | 57       | 0.006  | ng     | # 58     |
| 74) Di-n-butylphthalate       | 18.321 | 149  | 751      | 0.076  | ng     | # 63     |
| 75) Fluoranthene              | 19.467 | 202  | 80       | 0.007  | ng     | # 66     |
| 77) Benzidine                 | 19.978 | 184  | 4072     | 1.102  | ng     | # 86     |
| 78) Pyrene                    | 19.784 | 202  | 368      | 0.033  | ng     | # 43     |
| 80) Butylbenzylphthalate      | 20.671 | 149  | 489      | 0.120  | ng     | # 55     |
| 81) Benzo(a)anthracene        | 21.634 | 228  | 1312     | 0.120  | ng     | # 34     |
| 82) 3,3'-Dichlorobenzidine    | 21.534 | 252  | 129      | 0.047  | ng     | # 26     |
| 83) Chrysene                  | 21.634 | 228  | 1312     | 0.128  | ng     | # 32     |
| 84) Bis(2-ethylhexyl)phtha... | 21.511 | 149  | 1930     | 0.344  | ng     | # 85     |
| 85) Di-n-octyl phthalate      | 22.715 | 149  | 224      | 0.024  | ng     | # 1      |
| 87) Indeno(1,2,3-cd)pyrene    | 28.525 | 276  | 86       | 0.007  | ng     | # 1      |
| 88) Benzo(b)fluoranthene      | 23.819 | 252  | 811      | 0.080  | ng     | # 1      |
| 89) Benzo(k)fluoranthene      | 23.861 | 252  | 223      | 0.022  | ng     | # 1      |
| 90) Benzo(a)pyrene            | 24.701 | 252  | 841      | 0.098  | ng     | # 1      |

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Sample : N2985-04  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
P021-SS003-0006-01

Quant Time: May 27 05:00:58 2022  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 25 15:11:41 2022  
Response via : Initial Calibration

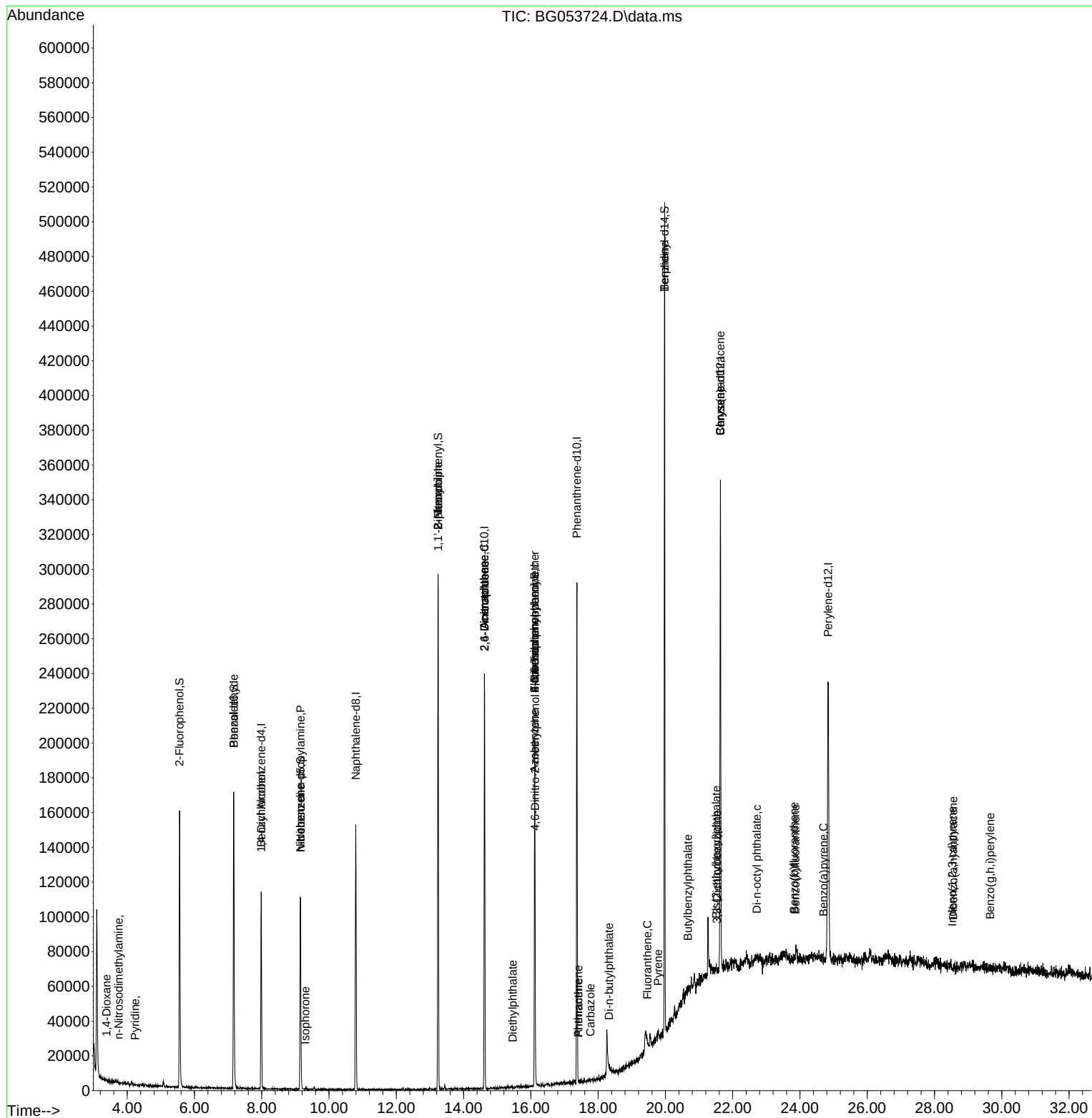
| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| 91) Dibenzo(a,h)anthracene | 28.560 | 278  | 119      | 0.012 | ng    | # 1      |
| 92) Benzo(g,h,i)perylene   | 29.659 | 276  | 1418     | 0.146 | ng    | # 37     |

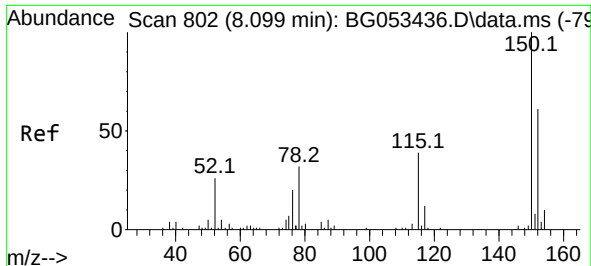
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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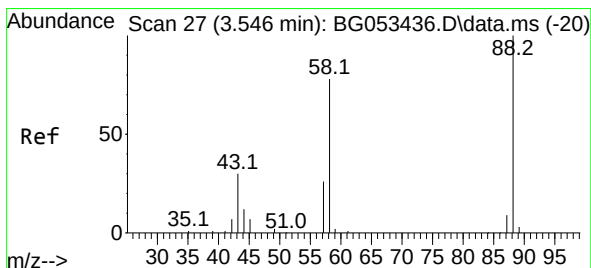
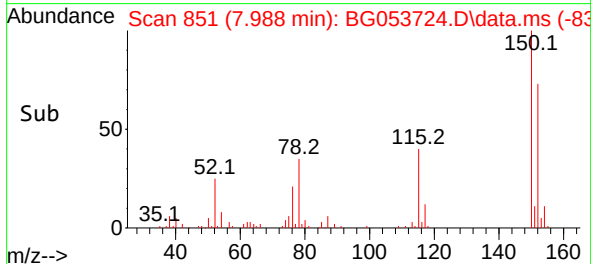
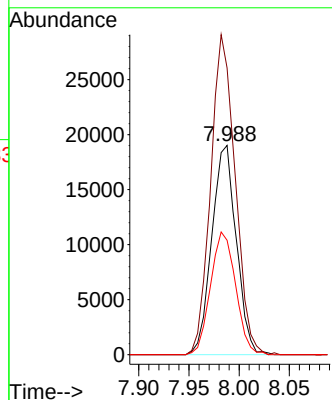
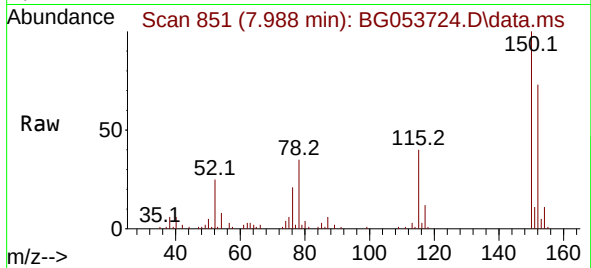




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.988 min Scan# 81  
Delta R.T. 0.002 min  
Lab File: BG053724.D  
Acq: 26 May 2022 19:43

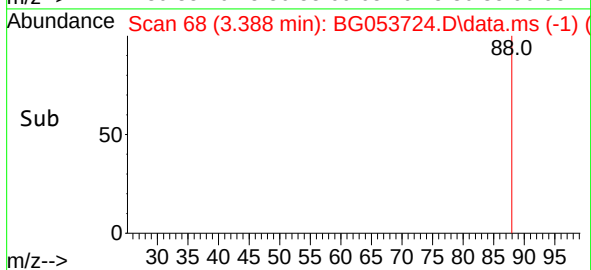
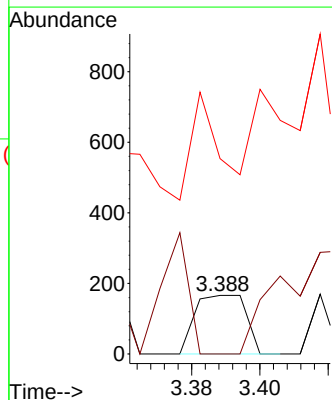
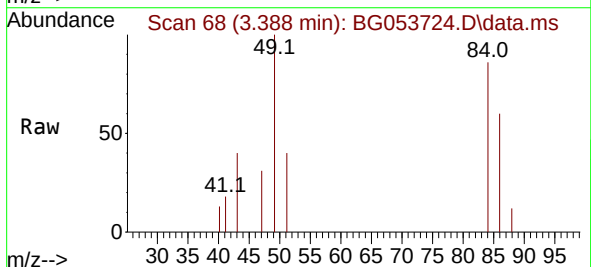
Instrument :  
BNA\_G  
ClientSampleId :  
P021-SS003-0006-01

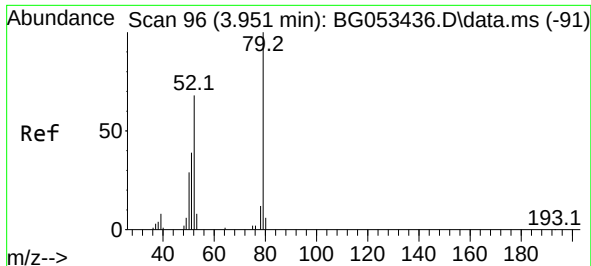
Tgt Ion:152 Resp: 32388  
Ion Ratio Lower Upper  
152 100  
150 137.0 131.6 197.4  
115 54.7 50.9 76.3



#2  
1,4-Dioxane  
Concen: 0.172 ng  
RT: 3.388 min Scan# 68  
Delta R.T. -0.010 min  
Lab File: BG053724.D  
Acq: 26 May 2022 19:43

Tgt Ion: 88 Resp: 172  
Ion Ratio Lower Upper  
88 100  
58 108.1 59.2 88.8#  
43 0.0 24.3 36.5#

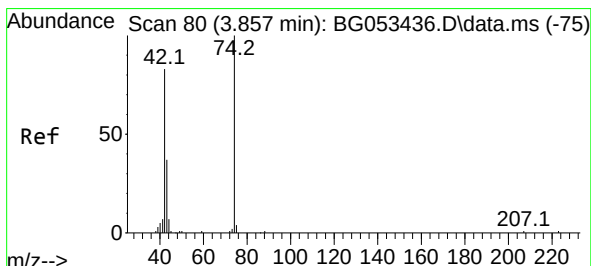
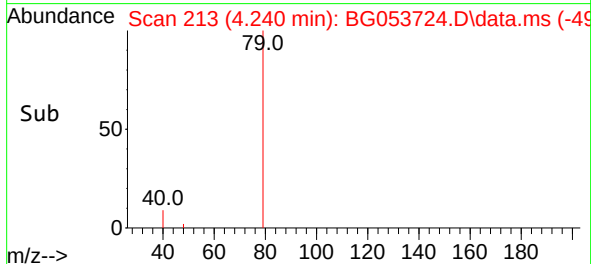
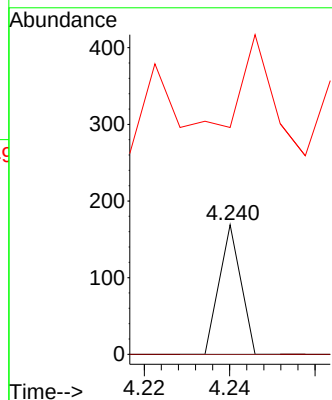
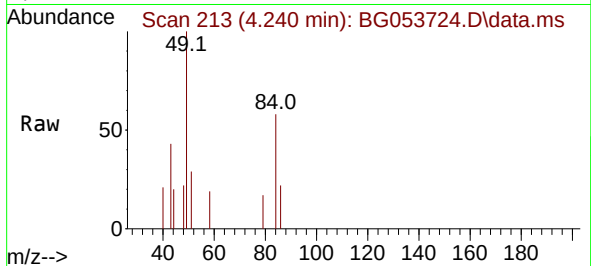




#3  
Pyridine  
Concen: 0.025 ng  
RT: 4.240 min Scan# 21  
Delta R.T. 0.431 min  
Lab File: BG053724.D  
Acq: 26 May 2022 19:43

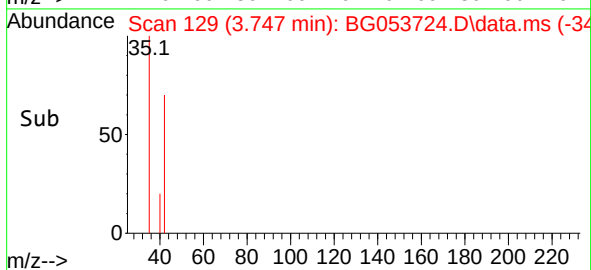
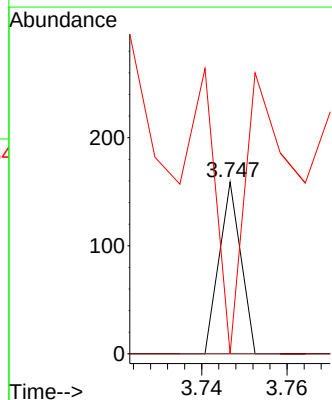
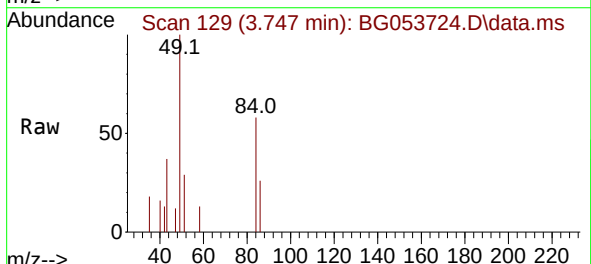
Instrument :  
BNA\_G  
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P021-SS003-0006-01

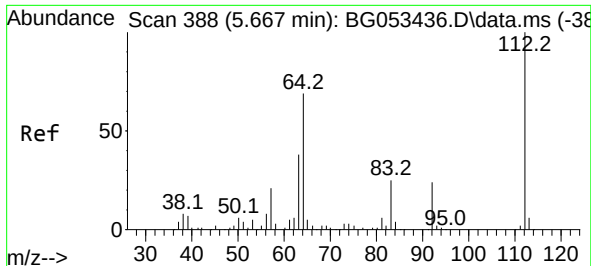
Tgt Ion: 79 Resp: 60  
Ion Ratio Lower Upper  
79 100  
52 0.0 54.6 81.8#  
51 175.1 32.5 48.7#



#4  
n-Nitrosodimethylamine  
Concen: 0.047 ng  
RT: 3.747 min Scan# 129  
Delta R.T. 0.025 min  
Lab File: BG053724.D  
Acq: 26 May 2022 19:43

Tgt Ion: 42 Resp: 56  
Ion Ratio Lower Upper  
42 100  
74 0.0 97.0 145.4#  
44 0.0 7.0 10.4#

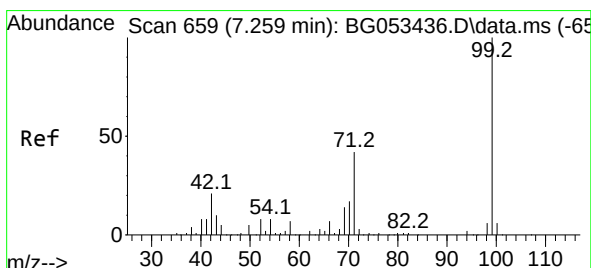
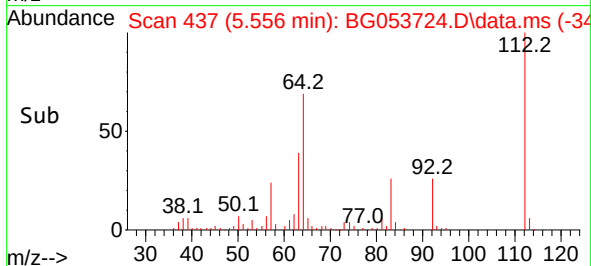
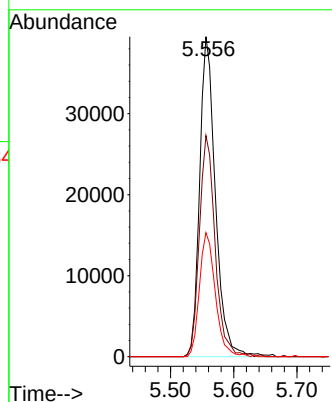
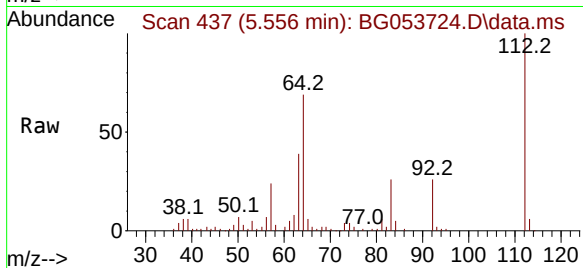




#5  
2-Fluorophenol  
Concen: 35.932 ng  
RT: 5.556 min Scan# 41  
Delta R.T. 0.002 min  
Lab File: BG053724.D  
Acq: 26 May 2022 19:43

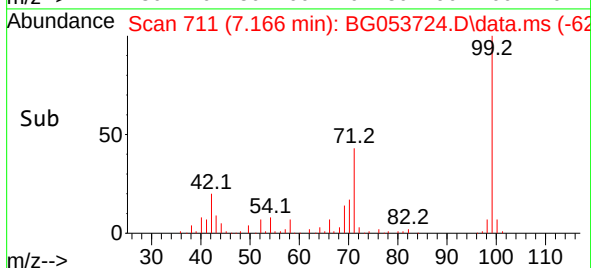
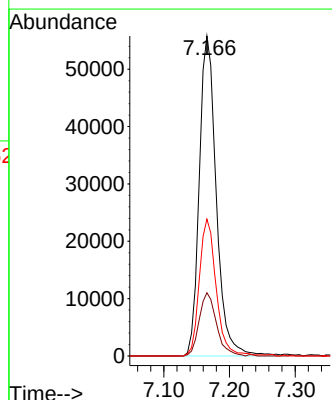
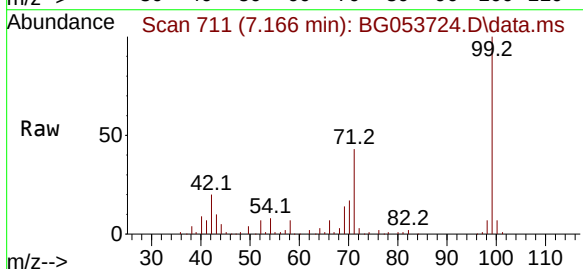
Instrument :  
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P021-SS003-0006-01

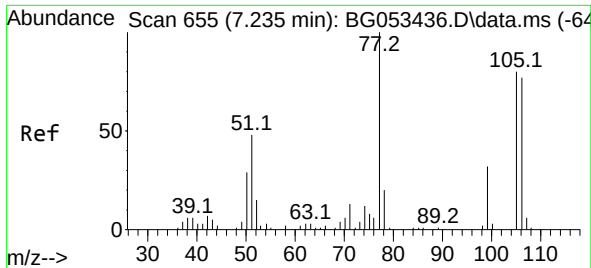
Tgt Ion:112 Resp: 68573  
Ion Ratio Lower Upper  
112 100  
64 69.1 55.1 82.7  
63 38.8 30.4 45.6



#7  
Phenol-d6  
Concen: 34.849 ng  
RT: 7.166 min Scan# 711  
Delta R.T. 0.002 min  
Lab File: BG053724.D  
Acq: 26 May 2022 19:43

Tgt Ion: 99 Resp: 100933  
Ion Ratio Lower Upper  
99 100  
42 19.8 17.0 25.6  
71 42.7 33.8 50.8

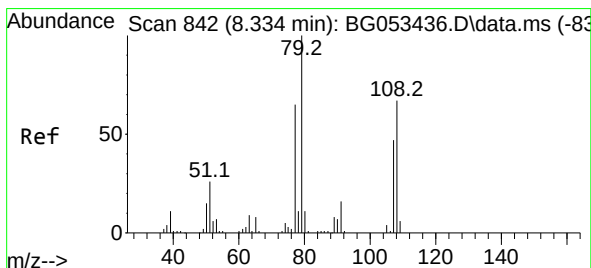
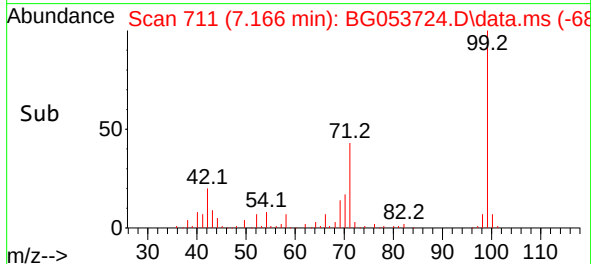
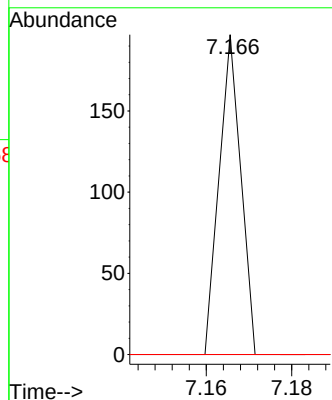
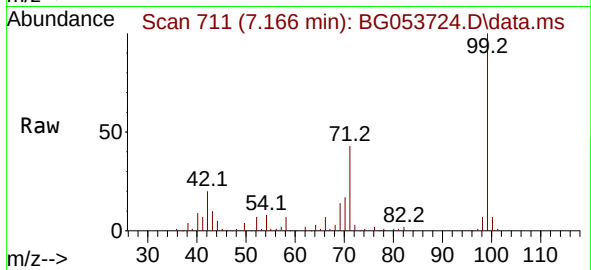




#9  
Benzaldehyde  
Concen: 0.038 ng  
RT: 7.166 min Scan# 71  
Delta R.T. 0.043 min  
Lab File: BG053724.D  
Acq: 26 May 2022 19:43

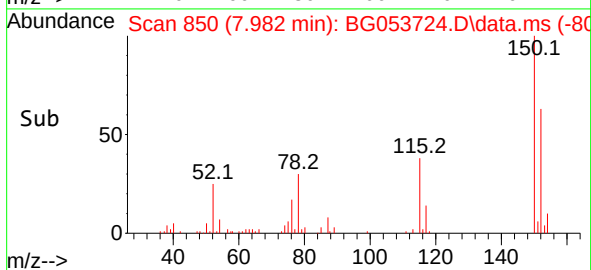
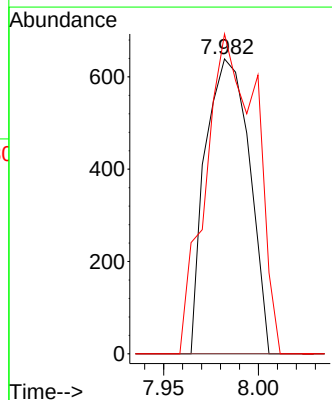
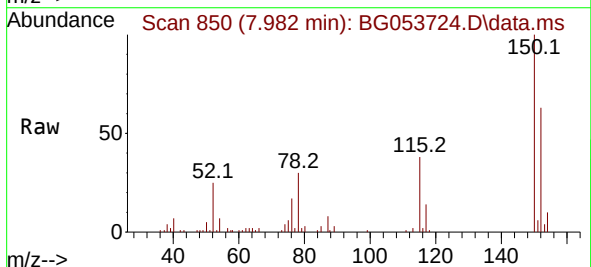
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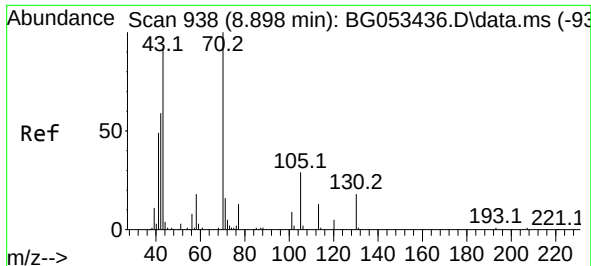
Tgt Ion: 77 Resp: 69  
Ion Ratio Lower Upper  
77 100  
105 0.0 59.6 99.6#  
106 0.0 56.8 96.8#



#15  
Benzyl Alcohol  
Concen: 0.426 ng  
RT: 7.982 min Scan# 850  
Delta R.T. -0.245 min  
Lab File: BG053724.D  
Acq: 26 May 2022 19:43

Tgt Ion: 79 Resp: 1031  
Ion Ratio Lower Upper  
79 100  
108 0.0 53.7 80.5#  
77 108.5 52.2 78.4#

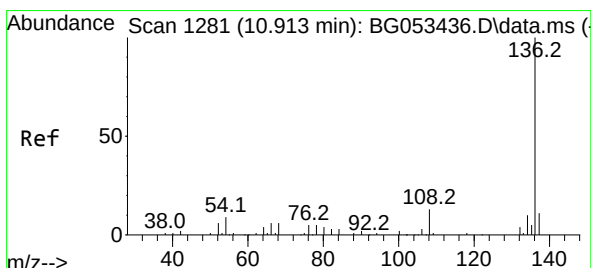
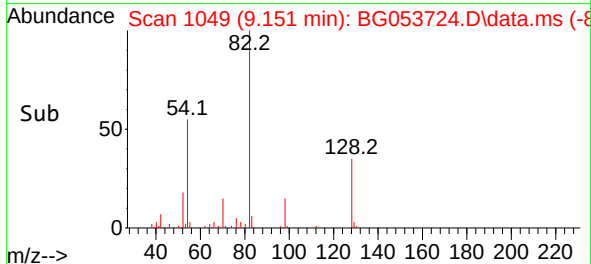
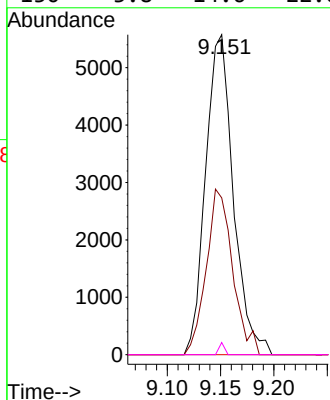
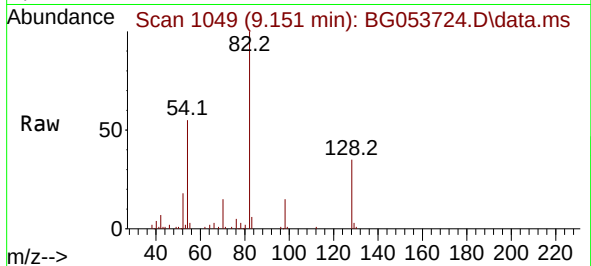




#19  
n-Nitroso-di-n-propylamine  
Concen: 4.844 ng  
RT: 9.151 min Scan# 1049  
Delta R.T. 0.354 min  
Lab File: BG053724.D  
Acq: 26 May 2022 19:43

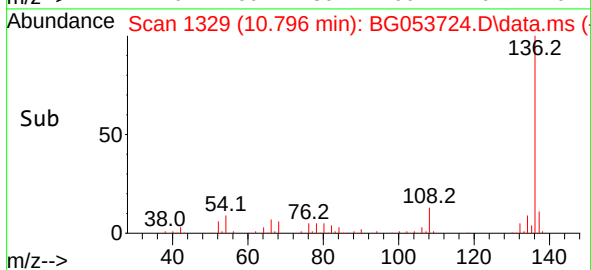
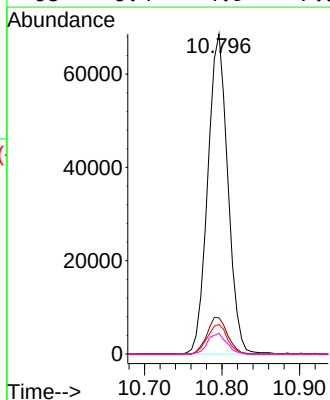
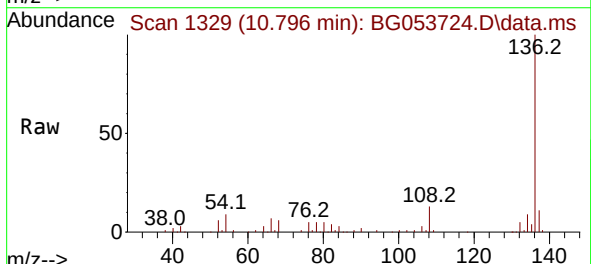
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 10066 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 49.0  | 47.3  | 70.9  |
| 101      | 0.0   | 7.0   | 10.4# |
| 130      | 3.8   | 14.6  | 22.0# |

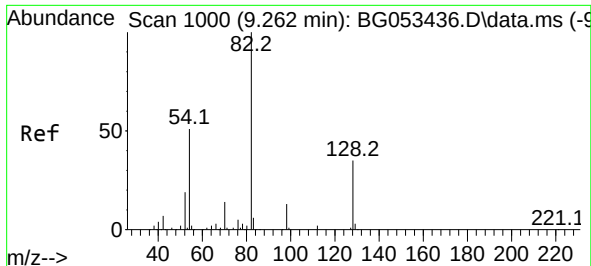


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.796 min Scan# 1329  
Delta R.T. -0.004 min  
Lab File: BG053724.D  
Acq: 26 May 2022 19:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 123070 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.3  | 8.5   | 12.7   |
| 54       | 9.2   | 7.4   | 11.2   |
| 68       | 6.4   | 4.9   | 7.3    |







#23

Nitrobenzene-d5

Concen: 25.008 ng

RT: 9.151 min Scan# 1049

Delta R.T. -0.004 min

Lab File: BG053724.D

Acq: 26 May 2022 19:43

Instrument :

BNA\_G

ClientSampleId :

P021-SS003-0006-01

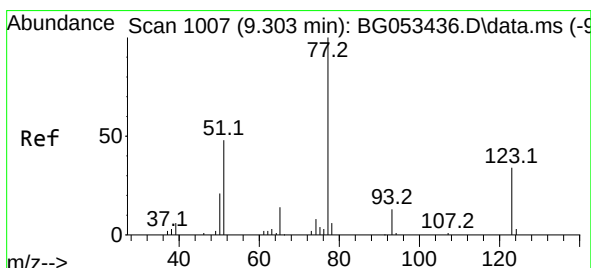
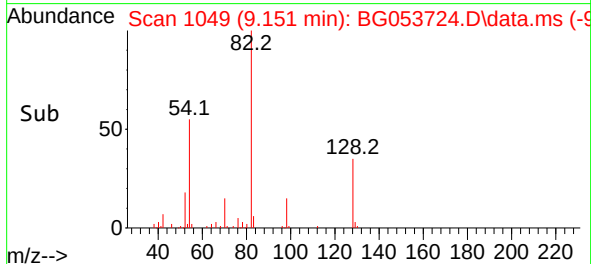
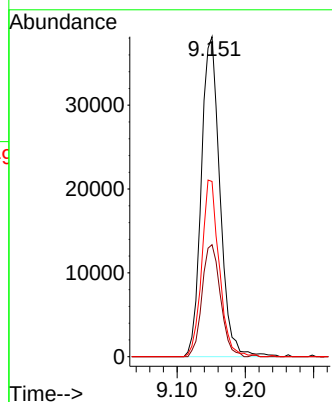
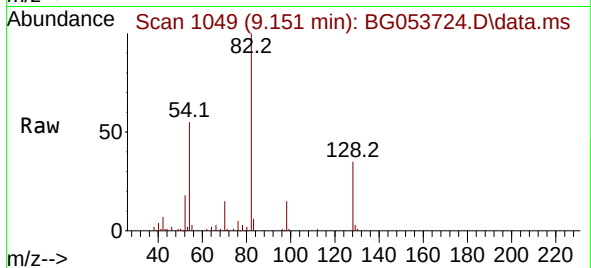
Tgt Ion: 82 Resp: 72300

Ion Ratio Lower Upper

82 100

128 35.0 27.9 41.9

54 54.8 41.2 61.8



#24

Nitrobenzene

Concen: 0.020 ng

RT: 9.151 min Scan# 1049

Delta R.T. -0.045 min

Lab File: BG053724.D

Acq: 26 May 2022 19:43

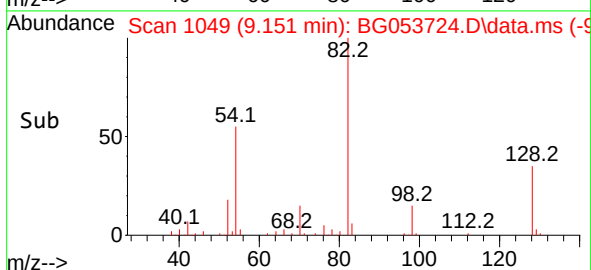
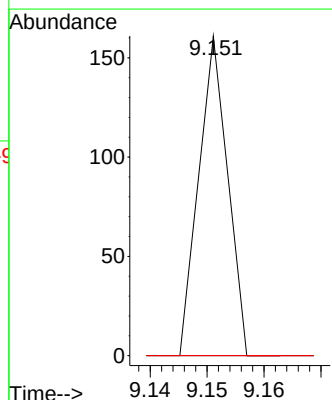
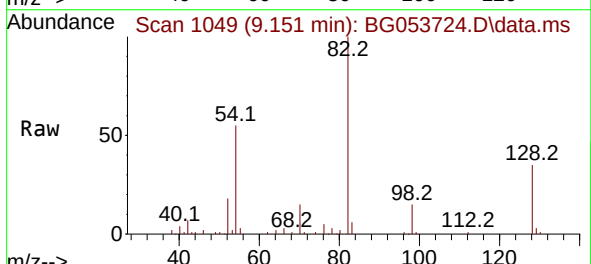
Tgt Ion: 77 Resp: 57

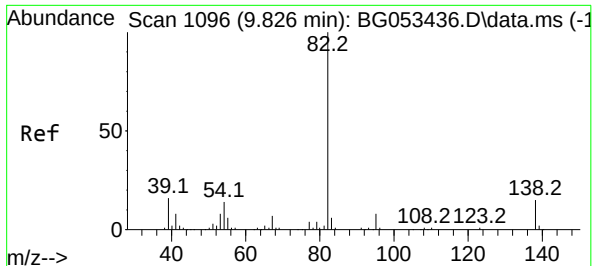
Ion Ratio Lower Upper

77 100

123 0.0 27.4 41.0#

65 0.0 11.4 17.0#

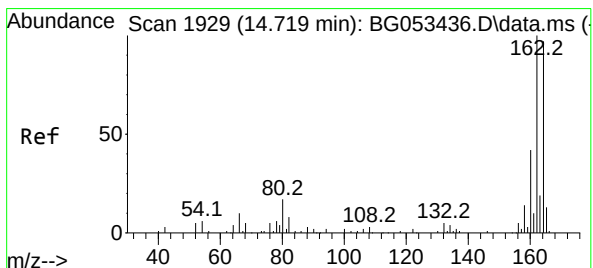
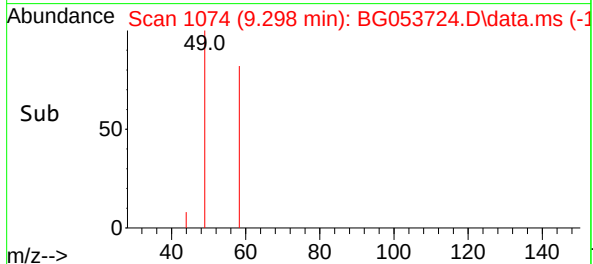
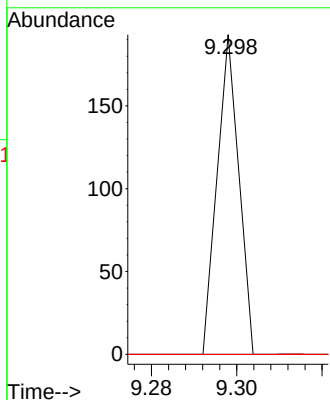
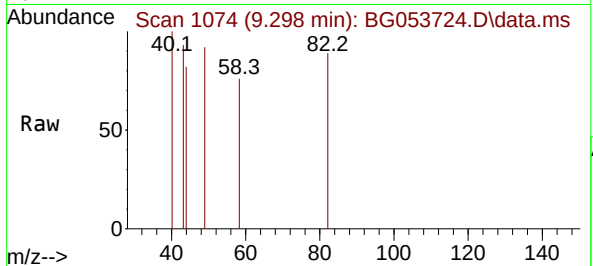




#25  
Isophorone  
Concen: 0.014 ng  
RT: 9.298 min Scan# 1074  
Delta R.T. -0.421 min  
Lab File: BG053724.D  
Acq: 26 May 2022 19:43

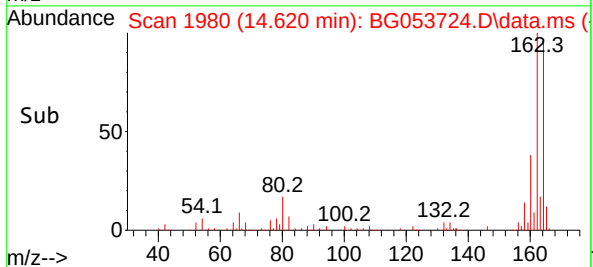
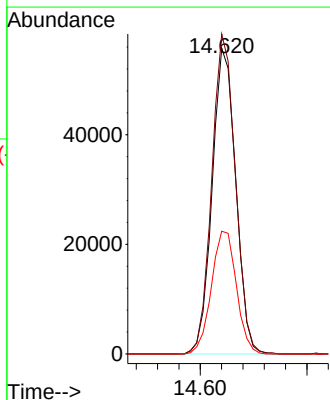
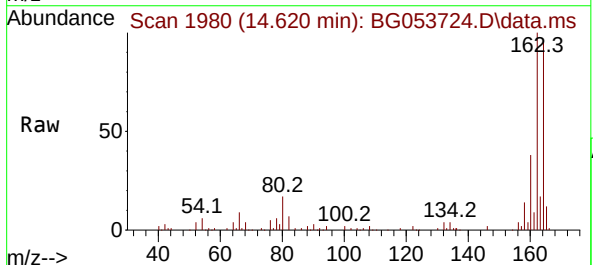
Instrument :  
BNA\_G  
ClientSampleId :  
P021-SS003-0006-01

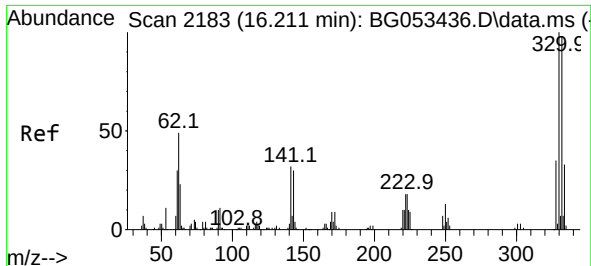
Tgt Ion: 82 Resp: 68  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.2 9.4#  
138 0.0 11.6 17.4#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.620 min Scan# 1980  
Delta R.T. -0.004 min  
Lab File: BG053724.D  
Acq: 26 May 2022 19:43

Tgt Ion: 164 Resp: 85605  
Ion Ratio Lower Upper  
164 100  
162 104.7 82.3 123.5  
160 40.1 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 33.500 ng

RT: 16.112 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG053724.D

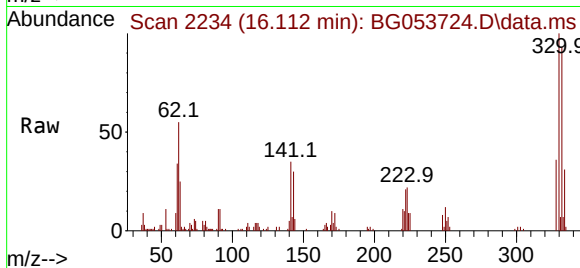
Acq: 26 May 2022 19:43

Instrument :

BNA\_G

ClientSampleId :

P021-SS003-0006-01



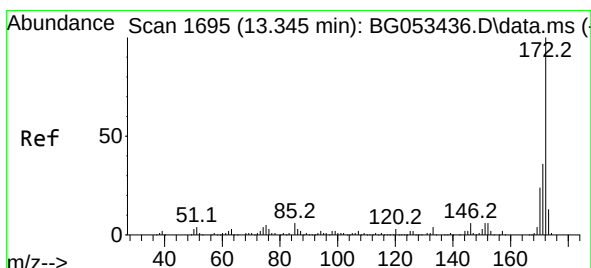
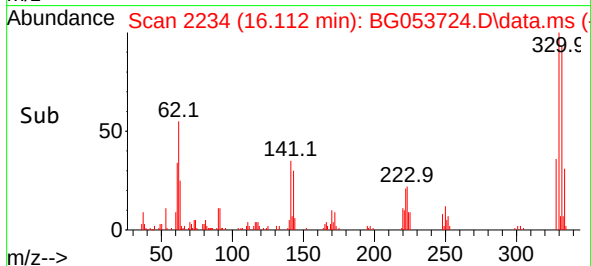
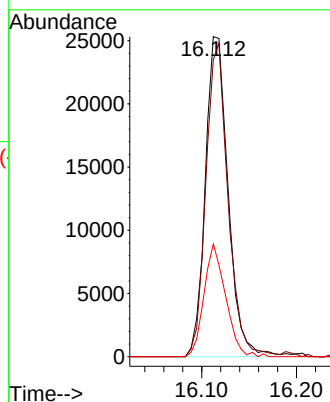
Tgt Ion:330 Resp: 42296

Ion Ratio Lower Upper

330 100

332 94.9 76.0 114.0

141 33.3 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 27.279 ng

RT: 13.240 min Scan# 1745

Delta R.T. -0.004 min

Lab File: BG053724.D

Acq: 26 May 2022 19:43

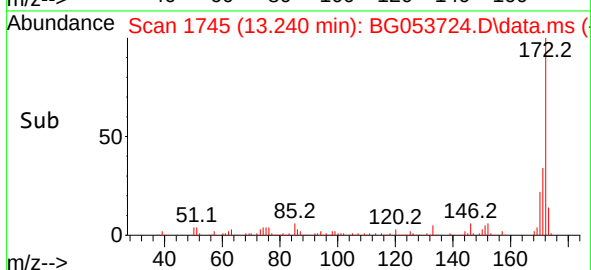
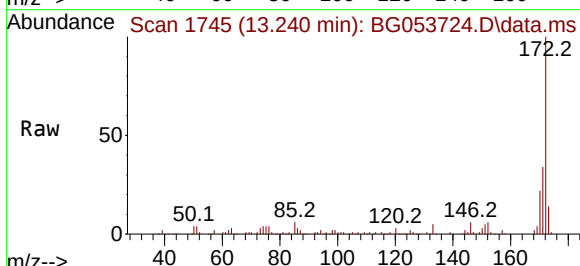
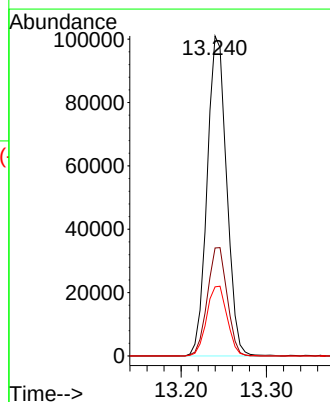
Tgt Ion:172 Resp: 159807

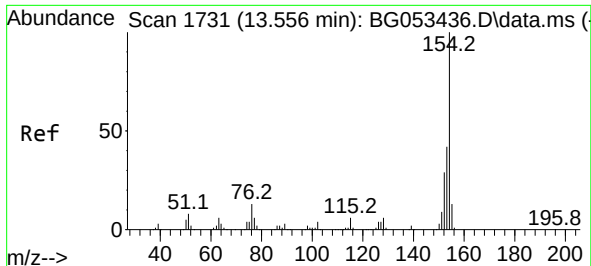
Ion Ratio Lower Upper

172 100

171 33.8 28.5 42.7

170 21.6 18.9 28.3

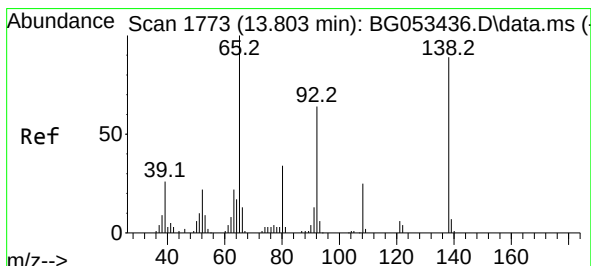
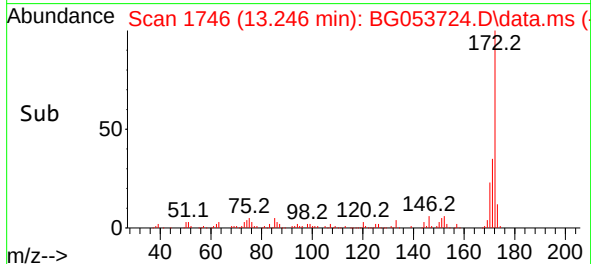
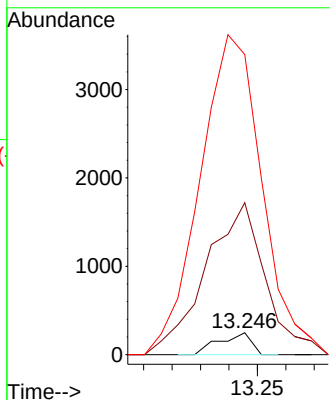
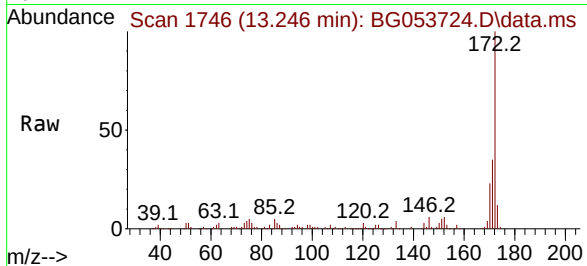




#46  
1,1'-Biphenyl  
Concen: 0.033 ng  
RT: 13.246 min Scan# 1  
Delta R.T. -0.216 min  
Lab File: BG053724.D  
Acq: 26 May 2022 19:43

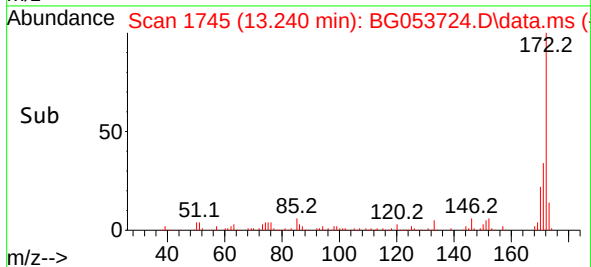
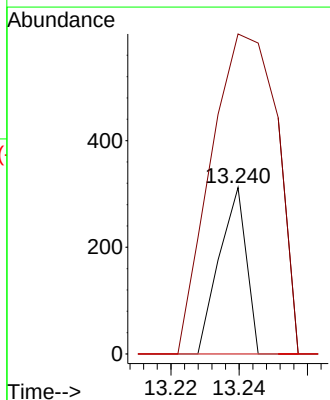
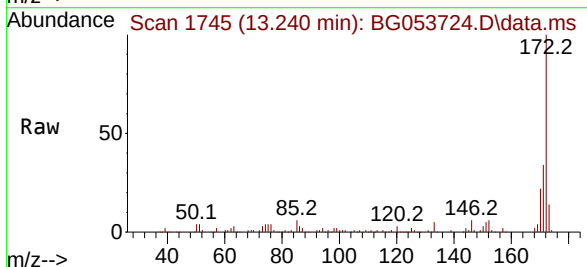
Instrument :  
BNA\_G  
ClientSampleId :  
P021-SS003-0006-01

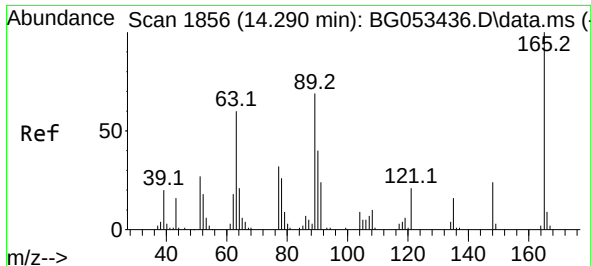
Tgt Ion:154 Resp: 194  
Ion Ratio Lower Upper  
154 100  
153 693.5 21.6 61.6#  
76 1369.4 0.0 32.6#



#48  
2-Nitroaniline  
Concen: 0.101 ng  
RT: 13.240 min Scan# 1745  
Delta R.T. -0.468 min  
Lab File: BG053724.D  
Acq: 26 May 2022 19:43

Tgt Ion: 65 Resp: 172  
Ion Ratio Lower Upper  
65 100  
92 192.3 51.5 77.3#  
138 0.0 71.3 106.9#





#51

2,6-Dinitrotoluene

Concen: 8.426 ng

RT: 14.626 min Scan# 1981

Delta R.T. 0.425 min

Lab File: BG053724.D

Acq: 26 May 2022 19:43

Instrument :

BNA\_G

ClientSampleId :

P021-SS003-0006-01

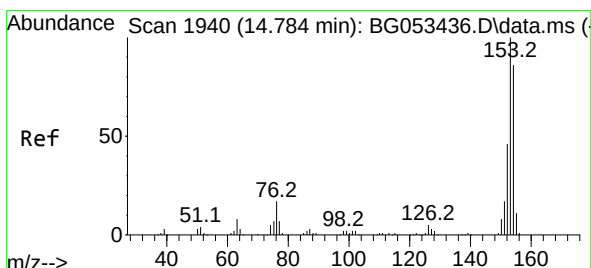
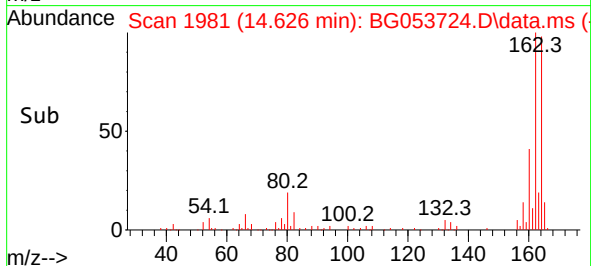
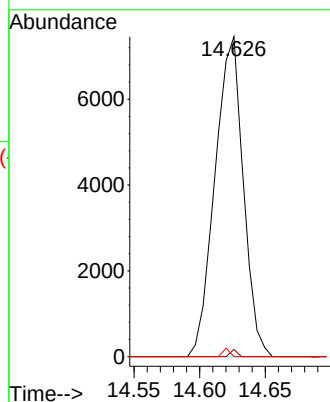
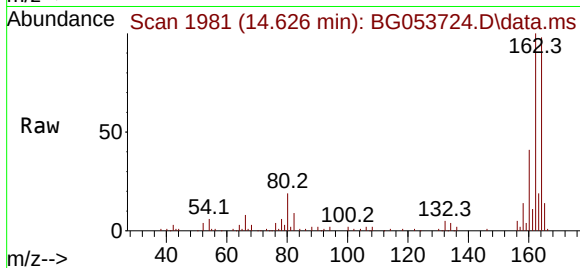
Tgt Ion:165 Resp: 11167

Ion Ratio Lower Upper

165 100

63 2.2 54.1 81.1#

89 0.0 54.8 82.2#



#52

Acenaphthene

Concen: 0.031 ng

RT: 14.620 min Scan# 1980

Delta R.T. -0.069 min

Lab File: BG053724.D

Acq: 26 May 2022 19:43

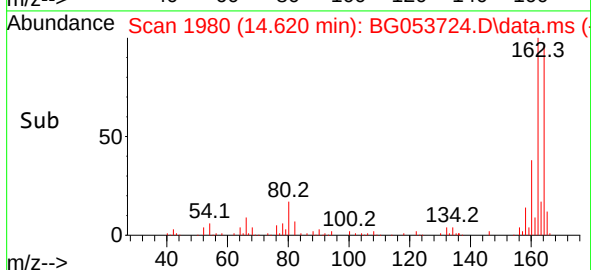
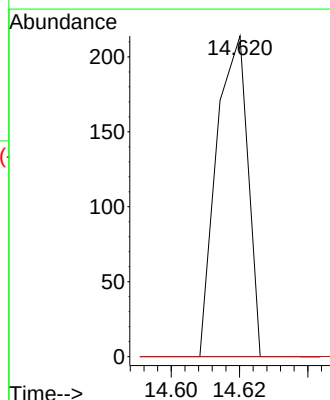
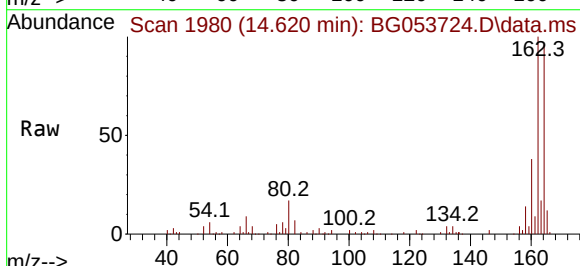
Tgt Ion:154 Resp: 136

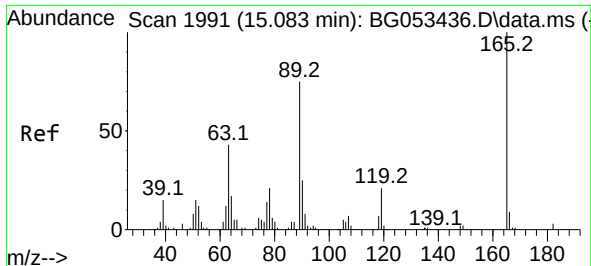
Ion Ratio Lower Upper

154 100

153 0.0 92.7 139.1#

152 0.0 42.6 64.0#

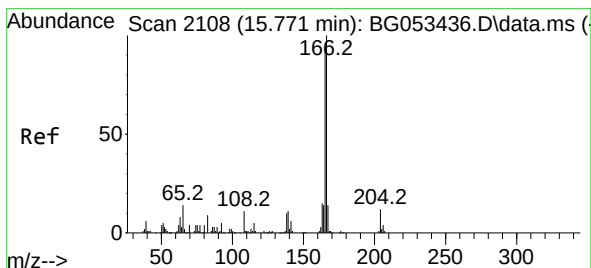
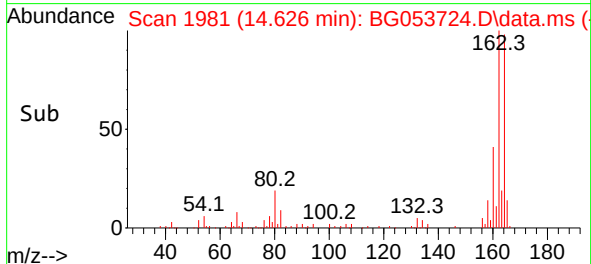
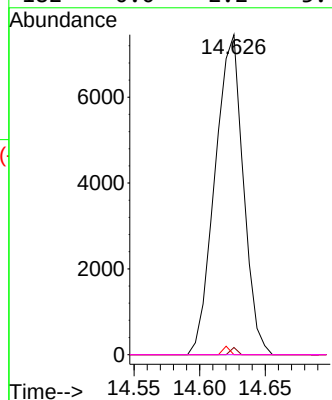
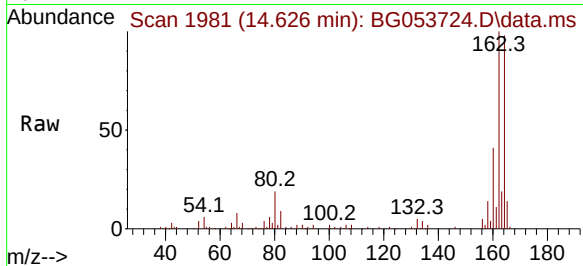




#57  
2,4-Dinitrotoluene  
Concen: 5.813 ng  
RT: 14.626 min Scan# 1991  
Delta R.T. -0.368 min  
Lab File: BG053724.D  
Acq: 26 May 2022 19:43

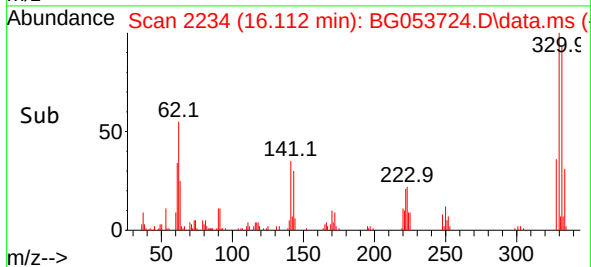
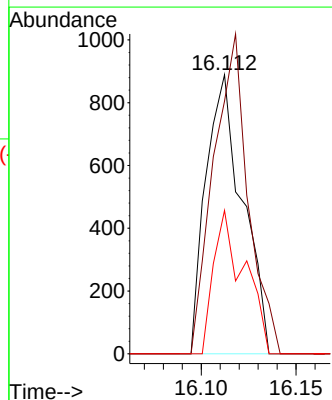
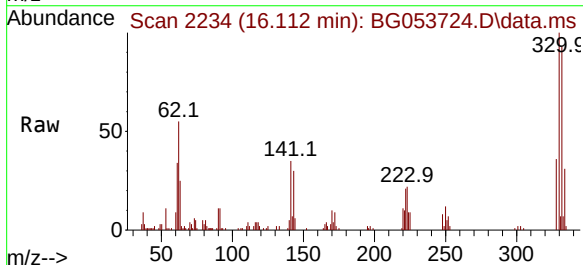
Instrument :  
BNA\_G  
ClientSampleId :  
P021-SS003-0006-01

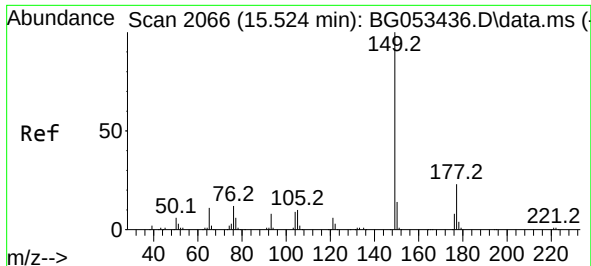
|             |       |       |
|-------------|-------|-------|
| Tgt Ion:165 | Resp: | 11167 |
| Ion Ratio   | Lower | Upper |
| 165         | 100   |       |
| 63          | 2.2   | 34.6  |
| 89          | 0.0   | 60.3  |
| 182         | 0.0   | 2.2   |



#58  
Fluorene  
Concen: 0.190 ng  
RT: 16.112 min Scan# 2234  
Delta R.T. 0.436 min  
Lab File: BG053724.D  
Acq: 26 May 2022 19:43

|             |       |       |
|-------------|-------|-------|
| Tgt Ion:166 | Resp: | 1191  |
| Ion Ratio   | Lower | Upper |
| 166         | 100   |       |
| 165         | 90.6  | 75.0  |
| 167         | 51.4  | 10.8  |

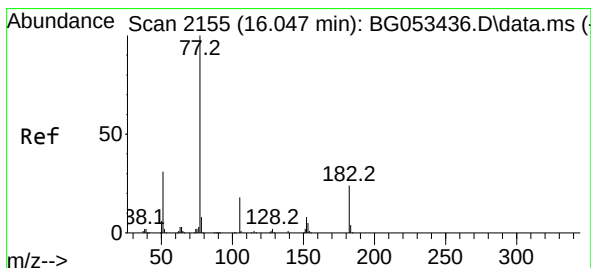
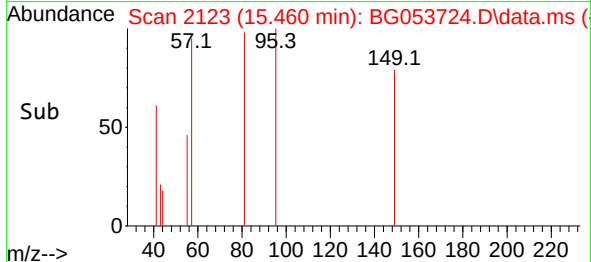
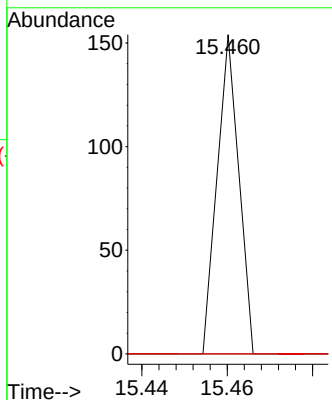
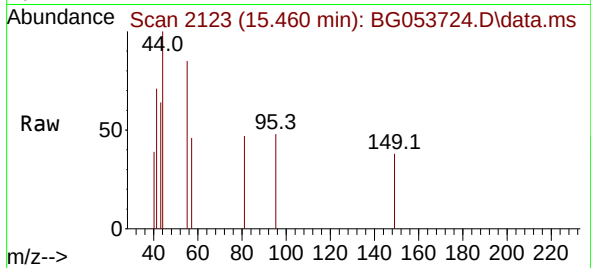




#60  
Diethylphthalate  
Concen: 0.008 ng  
RT: 15.460 min Scan# 2113  
Delta R.T. 0.025 min  
Lab File: BG053724.D  
Acq: 26 May 2022 19:43

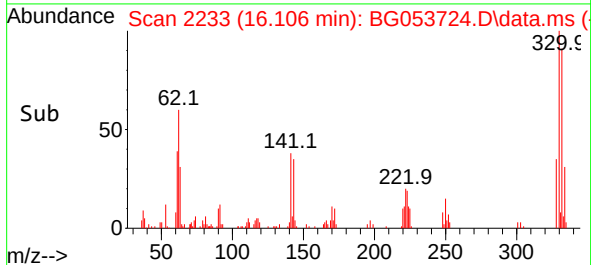
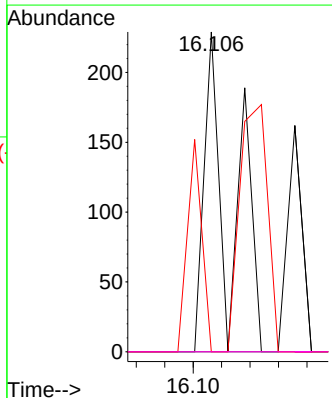
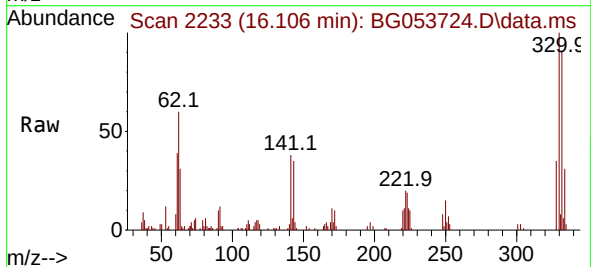
Instrument :  
BNA\_G  
ClientSampleId :  
P021-SS003-0006-01

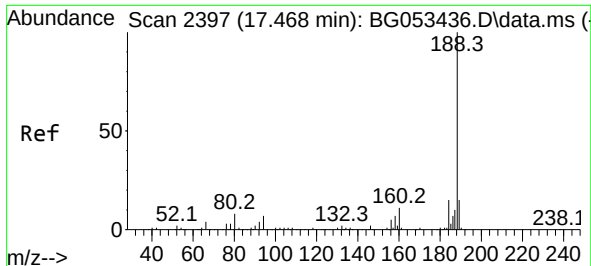
Tgt Ion:149 Resp: 54  
Ion Ratio Lower Upper  
149 100  
177 0.0 18.4 27.6#  
150 0.0 11.2 16.8#



#63  
Azobenzene  
Concen: 0.021 ng  
RT: 16.106 min Scan# 2233  
Delta R.T. 0.155 min  
Lab File: BG053724.D  
Acq: 26 May 2022 19:43

Tgt Ion: 77 Resp: 147  
Ion Ratio Lower Upper  
77 100  
182 0.0 3.8 43.8#  
105 0.0 0.0 37.8  
51 0.0 10.7 50.7#

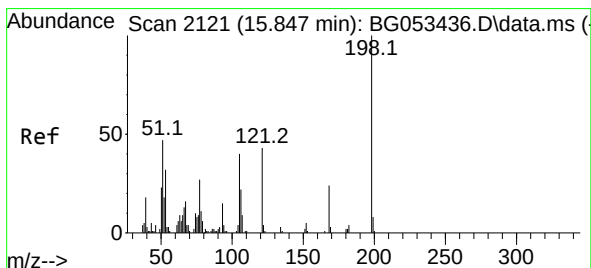
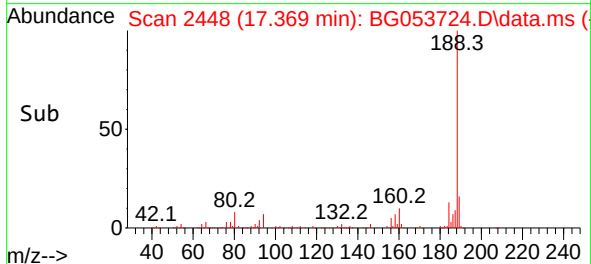
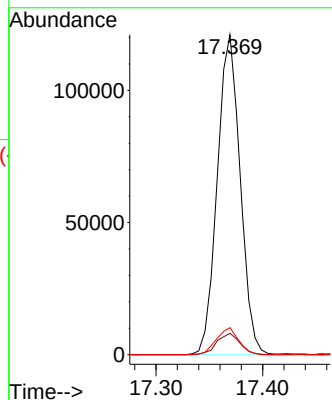
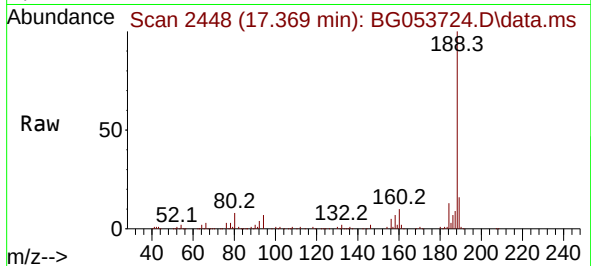




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.369 min Scan# 24  
Delta R.T. -0.004 min  
Lab File: BG053724.D  
Acq: 26 May 2022 19:43

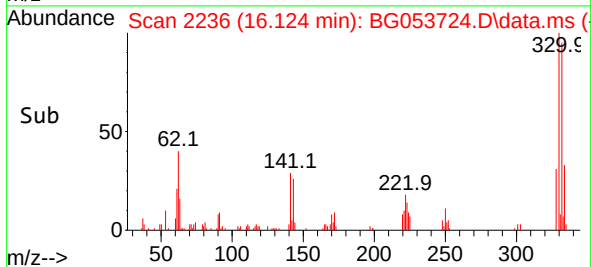
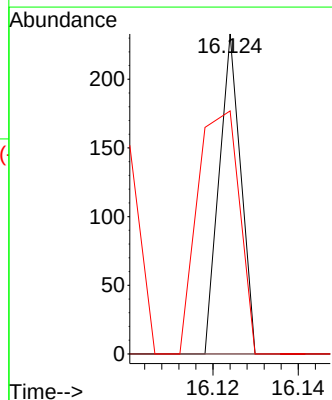
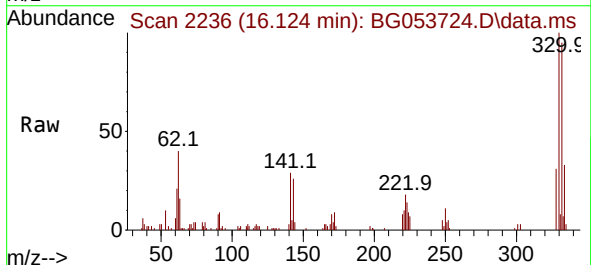
Instrument :  
BNA\_G  
ClientSampleId :  
P021-SS003-0006-01

Tgt Ion:188 Resp: 180470  
Ion Ratio Lower Upper  
188 100  
94 6.7 5.4 8.0  
80 8.5 6.8 10.2

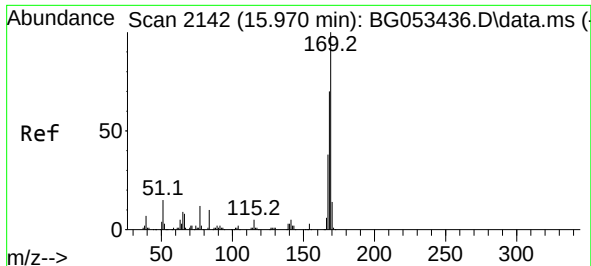


#65  
4,6-Dinitro-2-methylphenol  
Concen: 0.076 ng  
RT: 16.124 min Scan# 2236  
Delta R.T. 0.360 min  
Lab File: BG053724.D  
Acq: 26 May 2022 19:43

Tgt Ion:198 Resp: 82  
Ion Ratio Lower Upper  
198 100  
51 0.0 28.1 68.1#  
105 76.0 20.3 60.3#



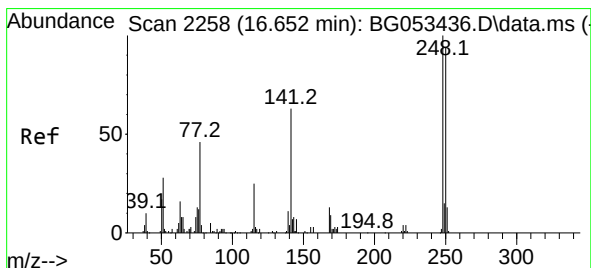
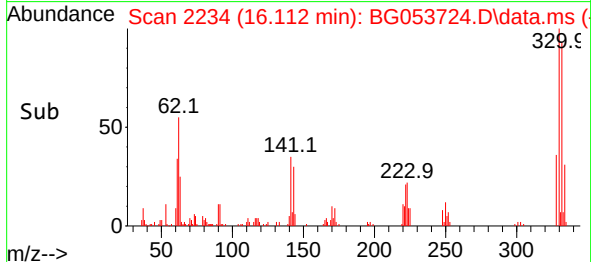
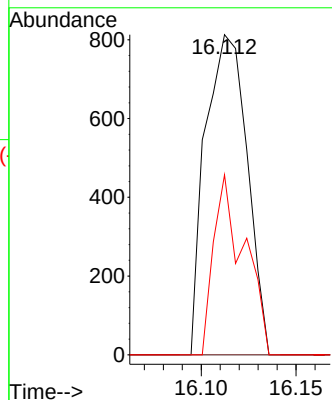
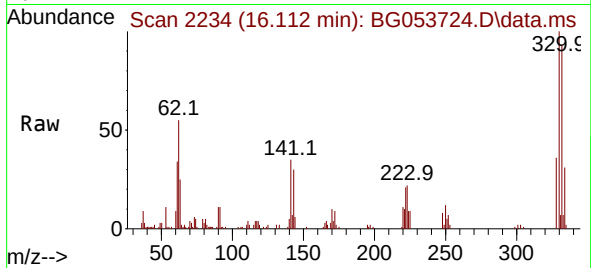




#66  
n-Nitrosodiphenylamine  
Concen: 0.263 ng  
RT: 16.112 min Scan# 2142  
Delta R.T. 0.237 min  
Lab File: BG053724.D  
Acq: 26 May 2022 19:43

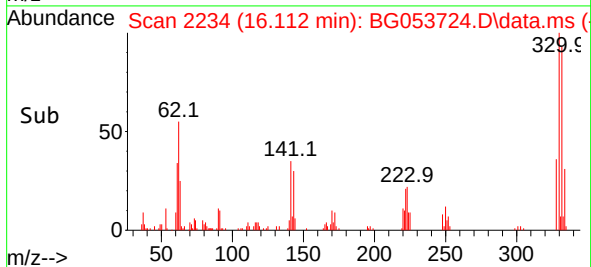
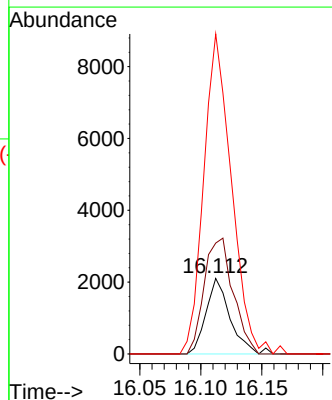
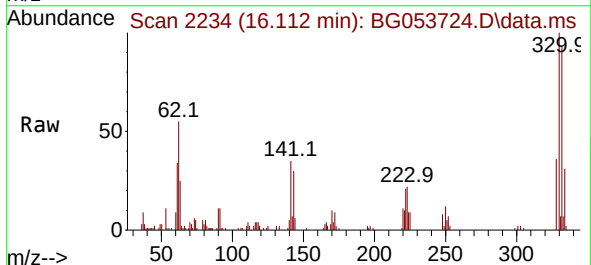
Instrument :  
BNA\_G  
ClientSampleId :  
P021-SS003-0006-01

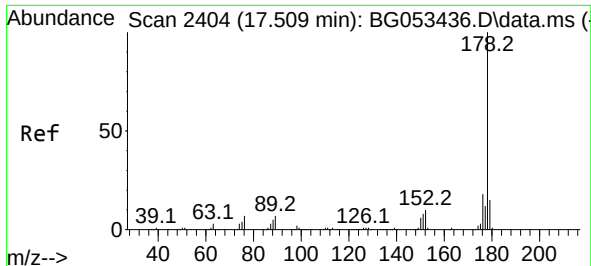
Tgt Ion:169 Resp: 1246  
Ion Ratio Lower Upper  
169 100  
168 0.0 55.9 83.9#  
167 56.2 30.6 46.0#



#67  
4-Bromophenyl-phenylether  
Concen: 1.375 ng  
RT: 16.112 min Scan# 2234  
Delta R.T. -0.439 min  
Lab File: BG053724.D  
Acq: 26 May 2022 19:43

Tgt Ion:248 Resp: 2899  
Ion Ratio Lower Upper  
248 100  
250 146.7 75.2 112.8#  
141 423.7 50.0 75.0#

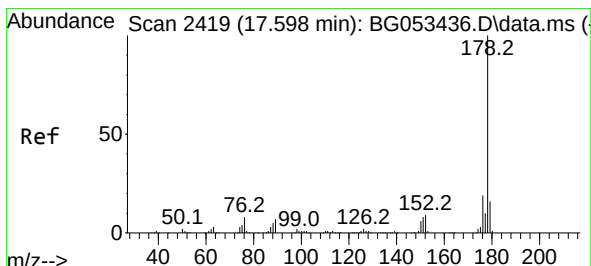
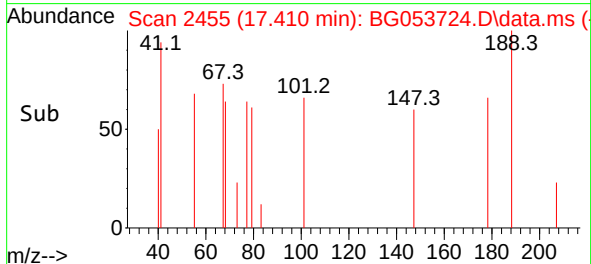
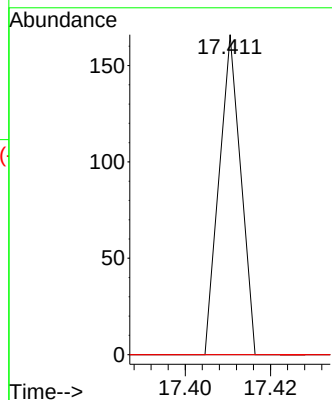
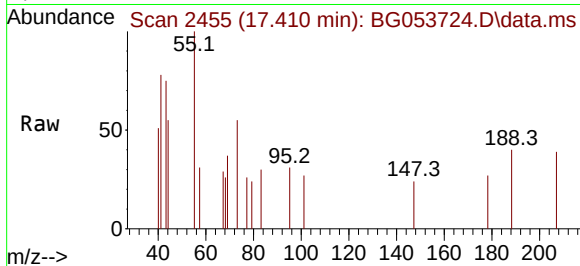




#71  
Phenanthrene  
Concen: 0.006 ng  
RT: 17.410 min Scan# 2404  
Delta R.T. -0.004 min  
Lab File: BG053724.D  
Acq: 26 May 2022 19:43

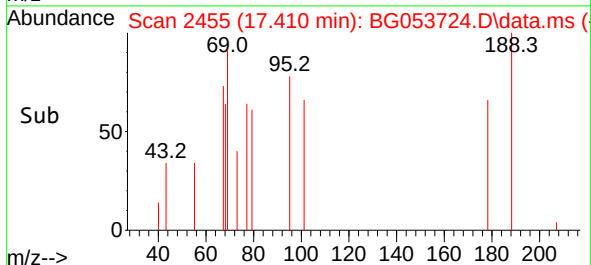
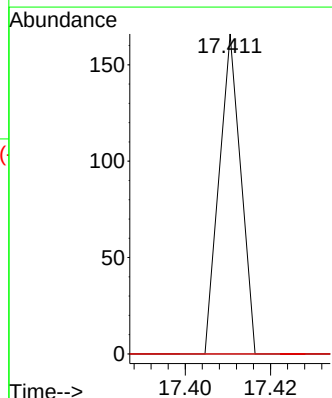
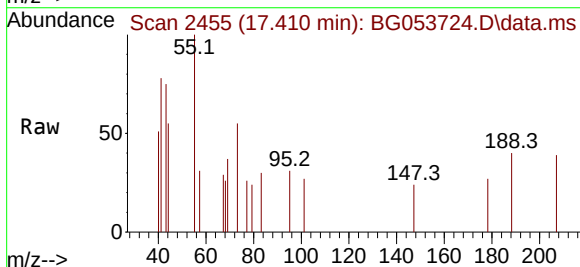
Instrument :  
BNA\_G  
ClientSampleId :  
P021-SS003-0006-01

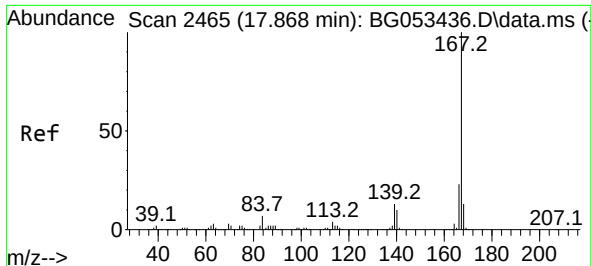
Tgt Ion:178 Resp: 59  
Ion Ratio Lower Upper  
178 100  
176 0.0 14.1 21.1#  
179 0.0 12.1 18.1#



#72  
Anthracene  
Concen: 0.007 ng  
RT: 17.410 min Scan# 2455  
Delta R.T. -0.092 min  
Lab File: BG053724.D  
Acq: 26 May 2022 19:43

Tgt Ion:178 Resp: 59  
Ion Ratio Lower Upper  
178 100  
176 0.0 15.2 22.8#  
179 0.0 13.0 19.4#

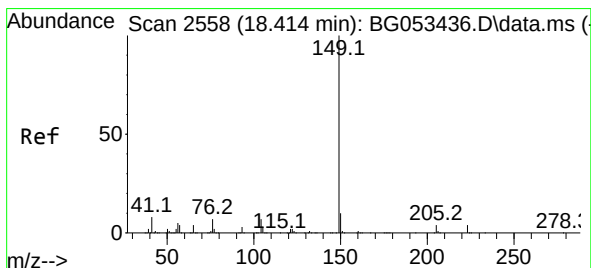
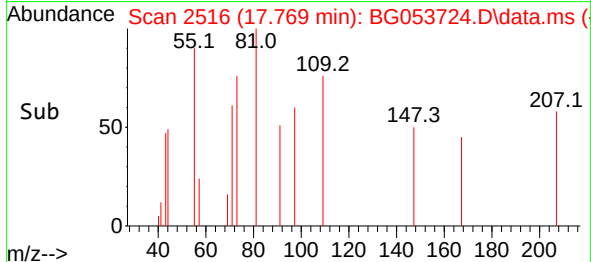
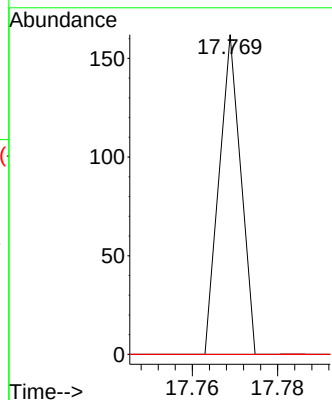
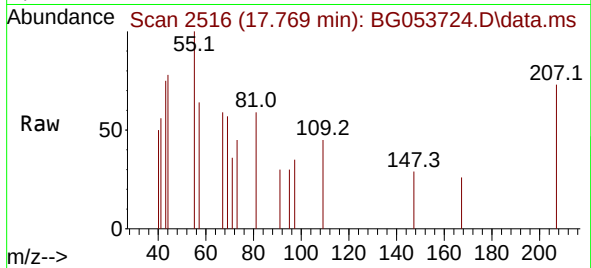




#73  
 Carbazole  
 Concen: 0.006 ng  
 RT: 17.769 min Scan# 21  
 Delta R.T. -0.010 min  
 Lab File: BG053724.D  
 Acq: 26 May 2022 19:43

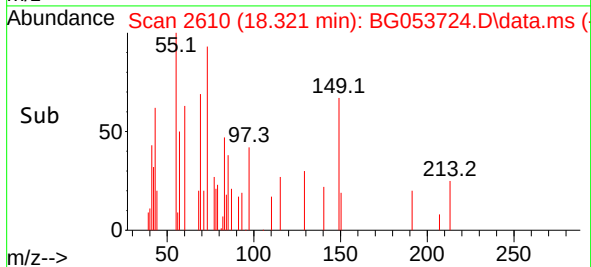
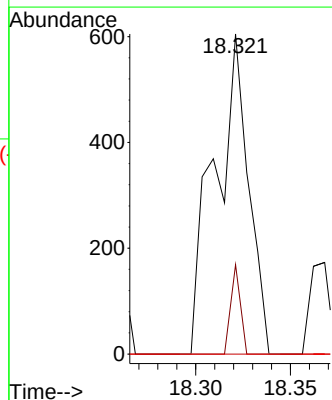
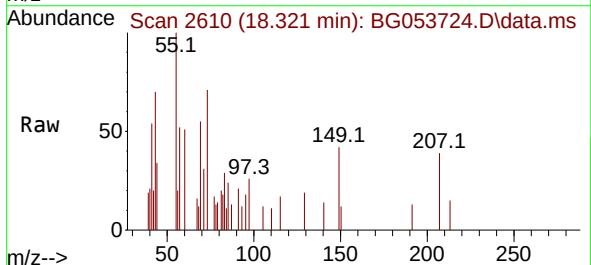
Instrument :  
 BNA\_G  
 ClientSampleId :  
 P021-SS003-0006-01

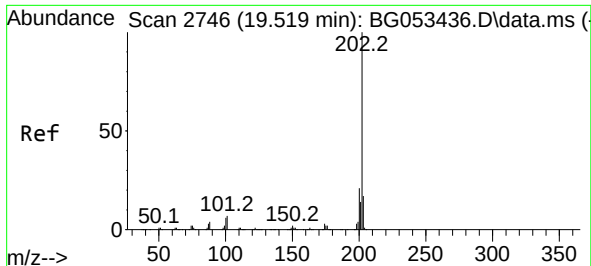
Tgt Ion:167 Resp: 57  
 Ion Ratio Lower Upper  
 167 100  
 166 0.0 18.2 27.2#  
 139 0.0 10.1 15.1#



#74  
 Di-n-butylphthalate  
 Concen: 0.076 ng  
 RT: 18.321 min Scan# 2610  
 Delta R.T. -0.004 min  
 Lab File: BG053724.D  
 Acq: 26 May 2022 19:43

Tgt Ion:149 Resp: 751  
 Ion Ratio Lower Upper  
 149 100  
 150 27.9 7.7 11.5#  
 104 0.0 5.4 8.0#

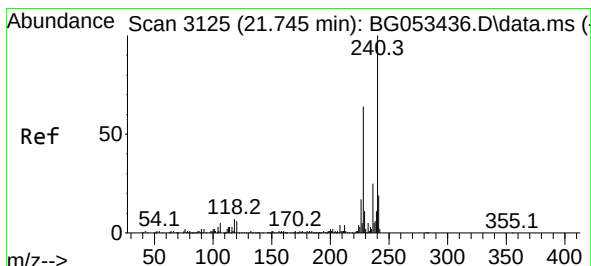
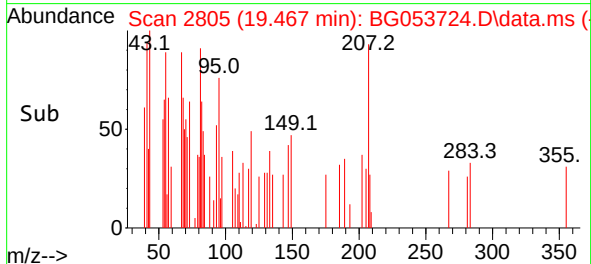
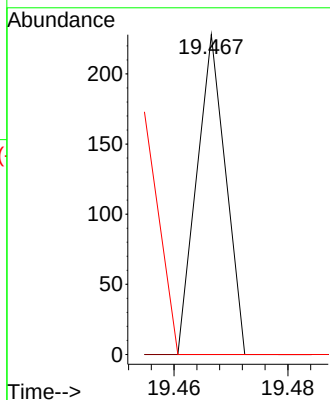
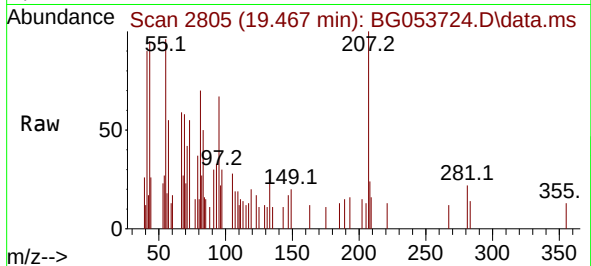




#75  
Fluoranthene  
Concen: 0.007 ng  
RT: 19.467 min Scan# 21  
Delta R.T. 0.043 min  
Lab File: BG053724.D  
Acq: 26 May 2022 19:43

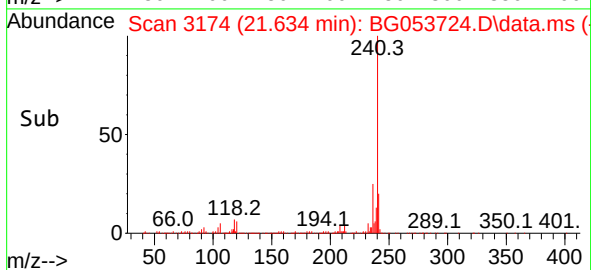
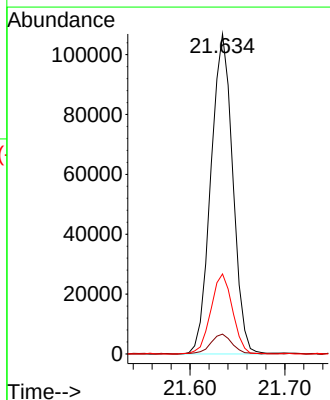
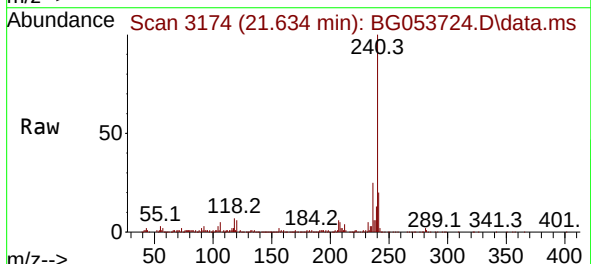
Instrument :  
BNA\_G  
ClientSampleId :  
P021-SS003-0006-01

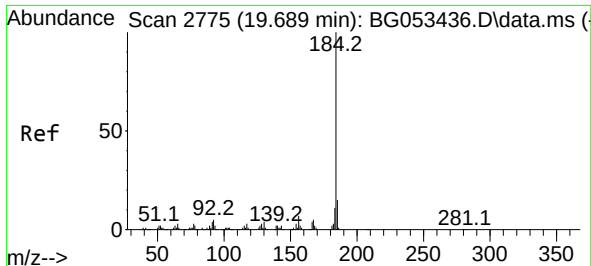
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 202   | Resp: | 80   |
| Ion Ratio | Lower | Upper |      |
| 202       | 100   |       |      |
| 101       | 0.0   | 0.0   | 26.9 |
| 203       | 0.0   | 0.0   | 37.2 |



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.634 min Scan# 3174  
Delta R.T. -0.004 min  
Lab File: BG053724.D  
Acq: 26 May 2022 19:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 171415 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 6.2   | 4.6   | 7.0    |
| 236       | 25.0  | 20.2  | 30.4   |

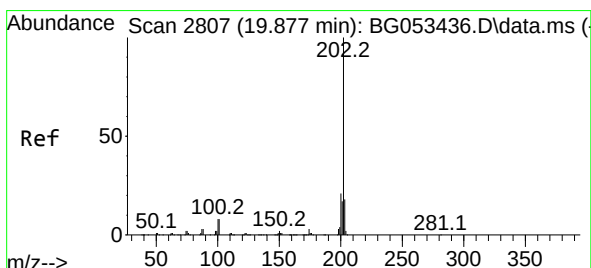
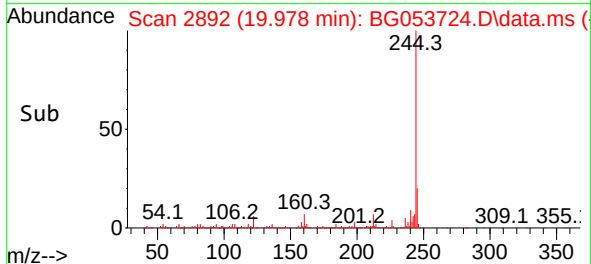
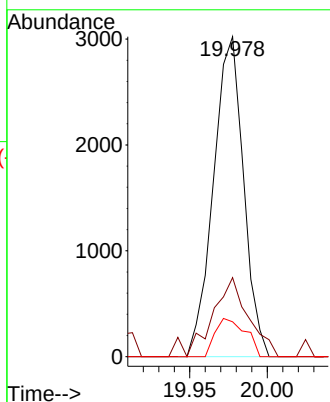
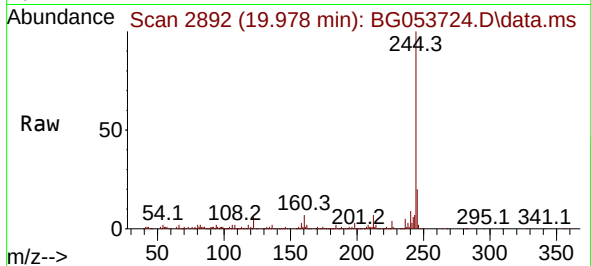




#77  
Benzidine  
Concen: 1.102 ng  
RT: 19.978 min Scan# 2892  
Delta R.T. 0.378 min  
Lab File: BG053724.D  
Acq: 26 May 2022 19:43

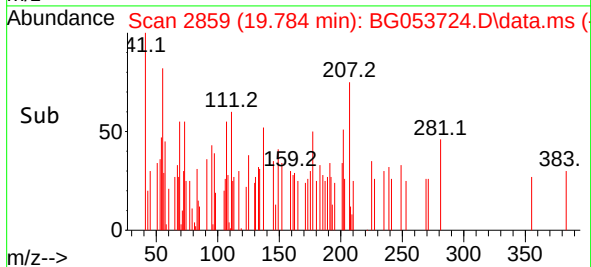
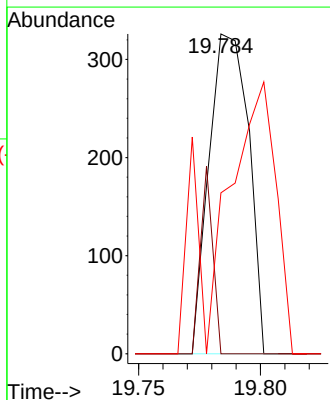
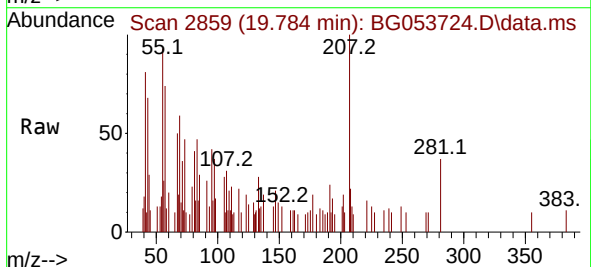
Instrument :  
BNA\_G  
ClientSampleId :  
P021-SS003-0006-01

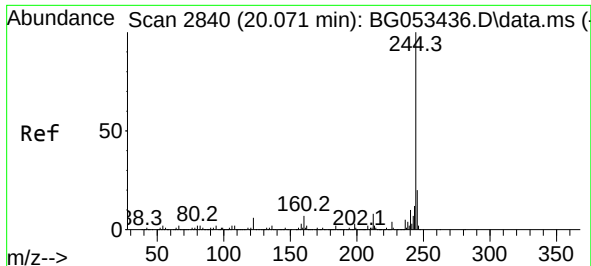
Tgt Ion:184 Resp: 4072  
Ion Ratio Lower Upper  
184 100  
185 24.7 11.8 17.6#  
183 10.9 8.9 13.3



#78  
Pyrene  
Concen: 0.033 ng  
RT: 19.784 min Scan# 2859  
Delta R.T. -0.004 min  
Lab File: BG053724.D  
Acq: 26 May 2022 19:43

Tgt Ion:202 Resp: 368  
Ion Ratio Lower Upper  
202 100  
200 0.0 16.6 24.8#  
203 50.3 14.6 21.8#

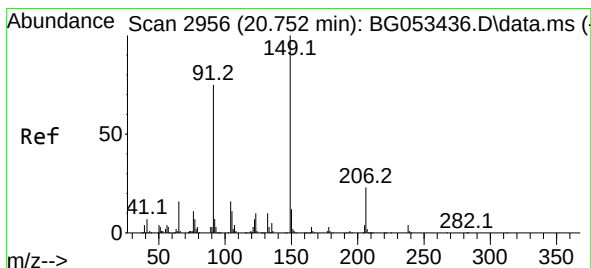
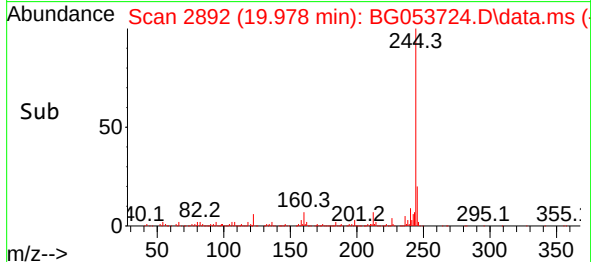
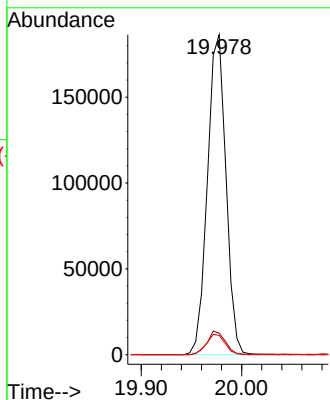
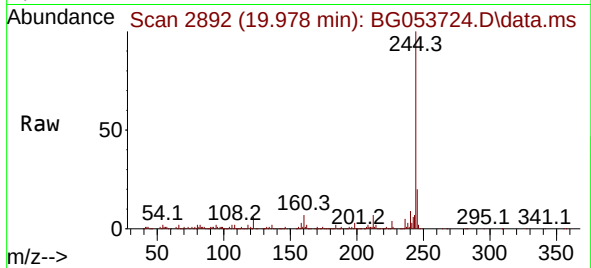




#79  
 Terphenyl-d14  
 Concen: 26.006 ng  
 RT: 19.978 min Scan# 21  
 Delta R.T. 0.002 min  
 Lab File: BG053724.D  
 Acq: 26 May 2022 19:43

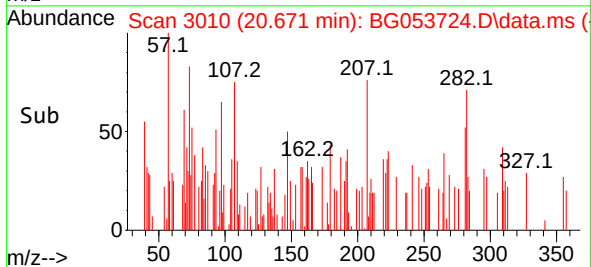
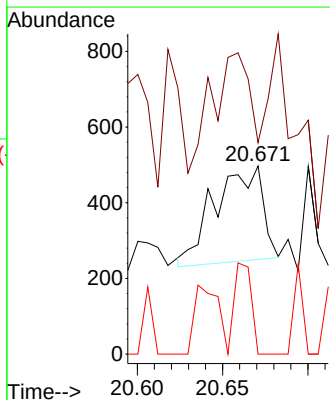
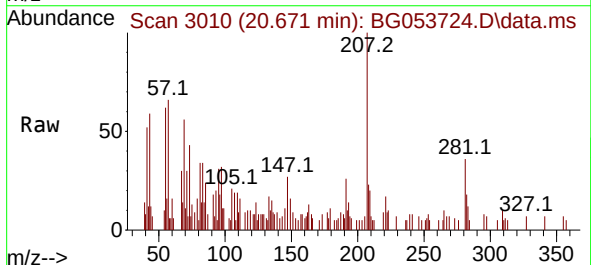
Instrument :  
 BNA\_G  
 ClientSampleId :  
 P021-SS003-0006-01

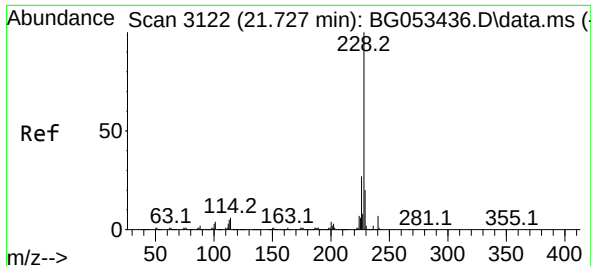
Tgt Ion:244 Resp: 239354  
 Ion Ratio Lower Upper  
 244 100  
 212 6.7 6.5 9.7  
 122 6.0 5.0 7.4



#80  
 Butylbenzylphthalate  
 Concen: 0.120 ng  
 RT: 20.671 min Scan# 3010  
 Delta R.T. 0.008 min  
 Lab File: BG053724.D  
 Acq: 26 May 2022 19:43

Tgt Ion:149 Resp: 489  
 Ion Ratio Lower Upper  
 149 100  
 91 112.5 59.6 89.4#  
 206 0.0 18.6 28.0#

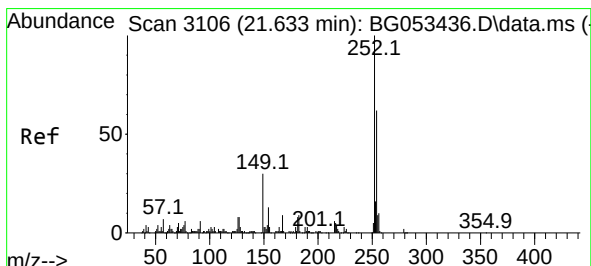
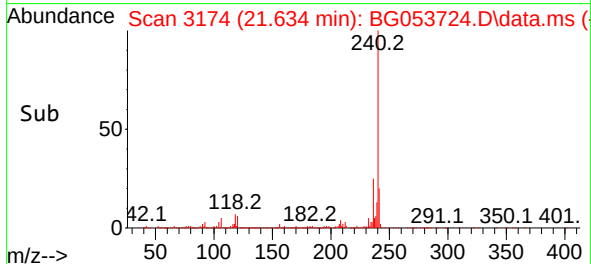
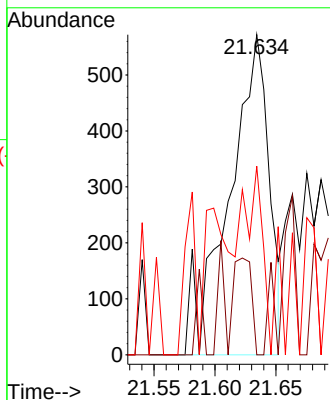
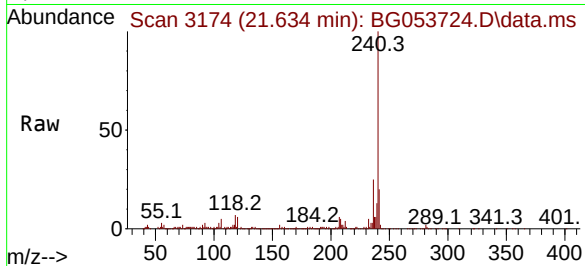




#81  
Benzo(a)anthracene  
Concen: 0.120 ng  
RT: 21.634 min Scan# 3117  
Delta R.T. 0.019 min  
Lab File: BG053724.D  
Acq: 26 May 2022 19:43

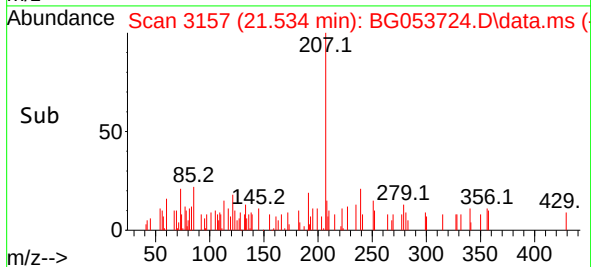
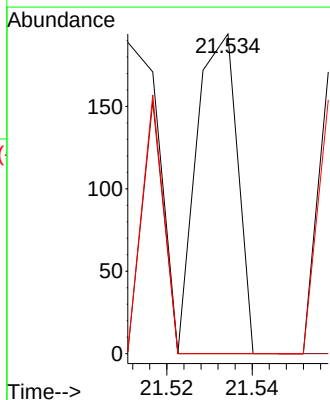
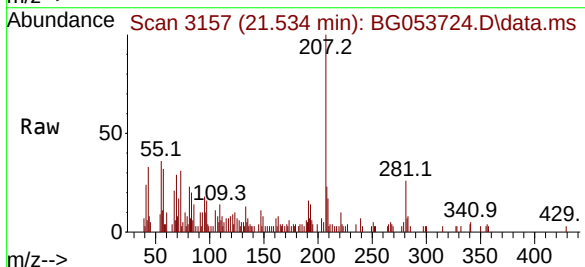
Instrument :  
BNA\_G  
ClientSampleId :  
P021-SS003-0006-01

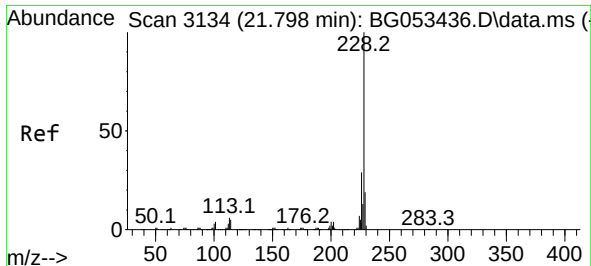
Tgt Ion:228 Resp: 1312  
Ion Ratio Lower Upper  
228 100  
226 0.0 21.6 32.4#  
229 58.9 16.2 24.2#



#82  
3,3'-Dichlorobenzidine  
Concen: 0.047 ng  
RT: 21.534 min Scan# 3157  
Delta R.T. 0.008 min  
Lab File: BG053724.D  
Acq: 26 May 2022 19:43

Tgt Ion:252 Resp: 129  
Ion Ratio Lower Upper  
252 100  
254 0.0 49.8 74.8#  
126 0.0 6.0 9.0#

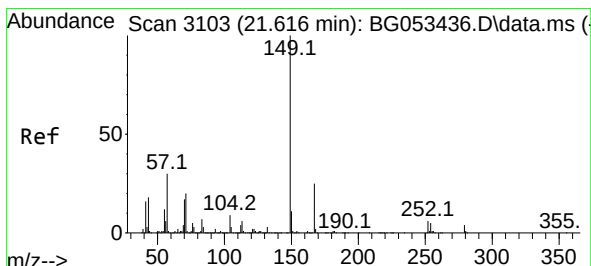
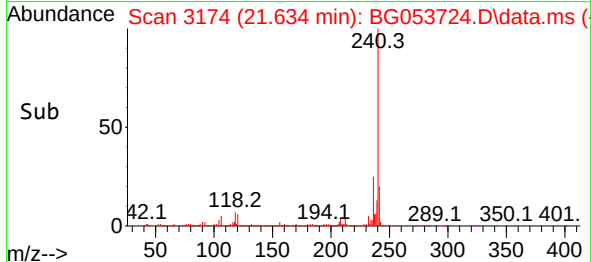
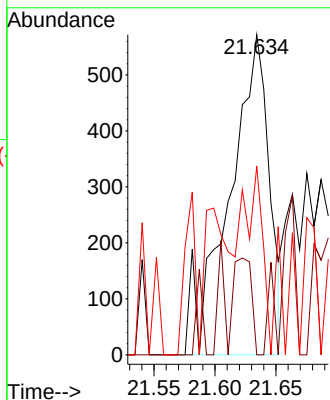
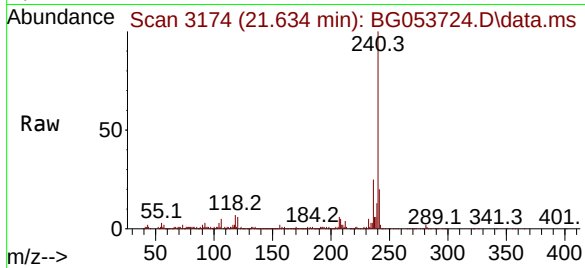




#83  
Chrysene  
Concen: 0.128 ng  
RT: 21.634 min Scan# 3117  
Delta R.T. -0.051 min  
Lab File: BG053724.D  
Acq: 26 May 2022 19:43

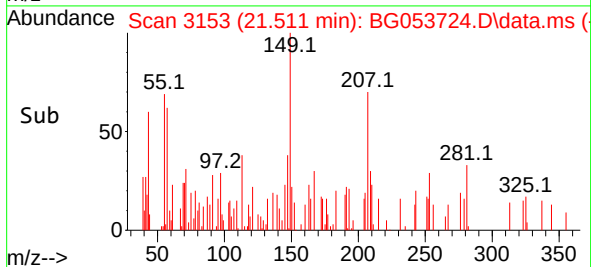
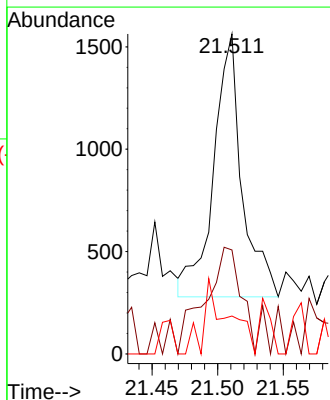
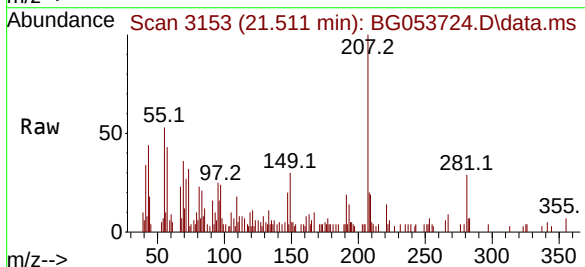
Instrument :  
BNA\_G  
ClientSampleId :  
P021-SS003-0006-01

Tgt Ion:228 Resp: 1312  
Ion Ratio Lower Upper  
228 100  
226 0.0 23.4 35.2#  
229 58.9 15.5 23.3#

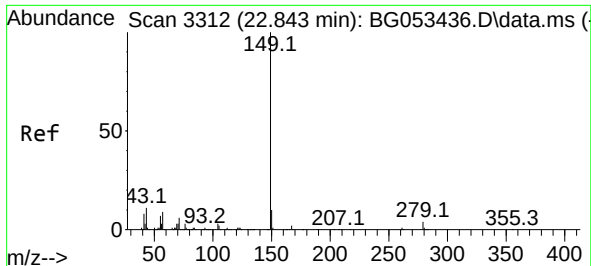


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 0.344 ng  
RT: 21.511 min Scan# 3153  
Delta R.T. 0.002 min  
Lab File: BG053724.D  
Acq: 26 May 2022 19:43

Tgt Ion:149 Resp: 1930  
Ion Ratio Lower Upper  
149 100  
167 32.5 20.2 30.4#  
279 11.8 3.6 5.4#



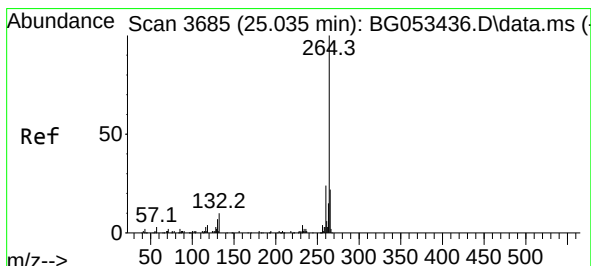
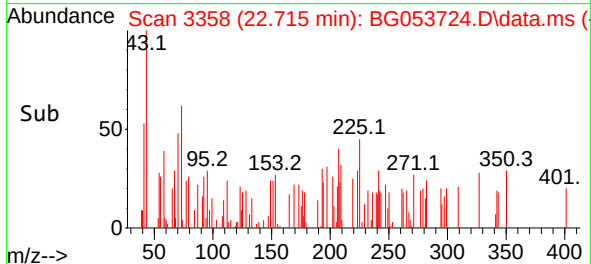
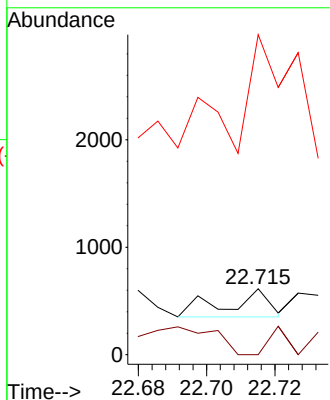
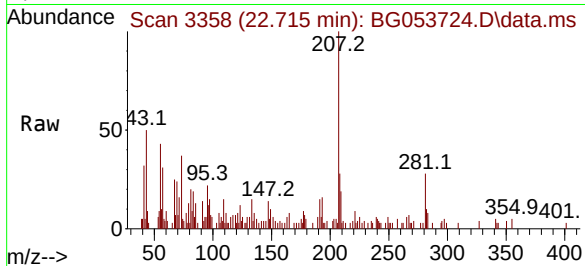




#85  
Di-n-octyl phthalate  
Concen: 0.024 ng  
RT: 22.715 min Scan# 31  
Delta R.T. 0.008 min  
Lab File: BG053724.D  
Acq: 26 May 2022 19:43

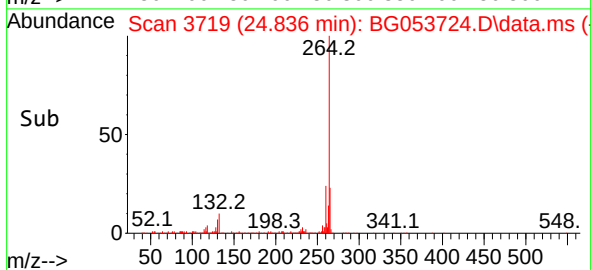
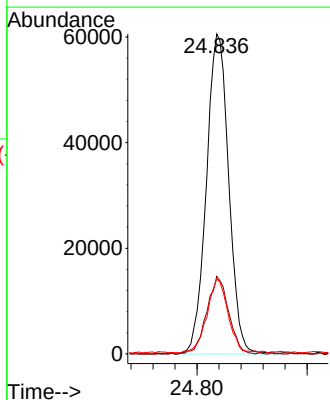
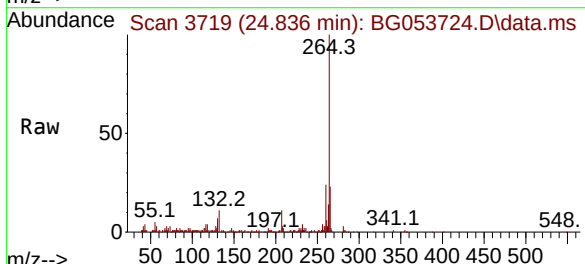
Instrument :  
BNA\_G  
ClientSampleId :  
P021-SS003-0006-01

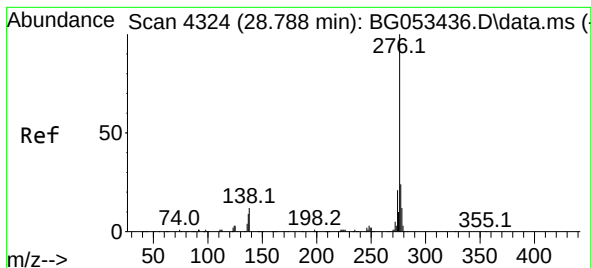
Tgt Ion:149 Resp: 224  
Ion Ratio Lower Upper  
149 100  
167 42.0 1.3 1.9#  
43 518.3 9.0 13.4#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.836 min Scan# 3719  
Delta R.T. -0.004 min  
Lab File: BG053724.D  
Acq: 26 May 2022 19:43

Tgt Ion:264 Resp: 170436  
Ion Ratio Lower Upper  
264 100  
260 24.2 19.0 28.6  
265 23.5 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 0.007 ng

RT: 28.525 min Scan# 41

Delta R.T. 0.014 min

Lab File: BG053724.D

Acq: 26 May 2022 19:43

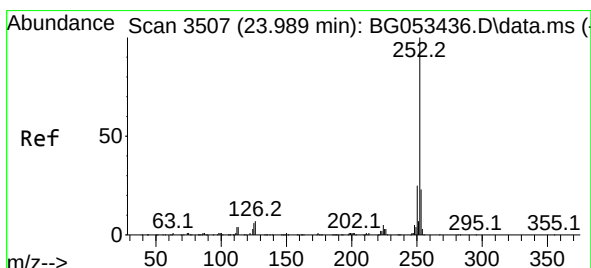
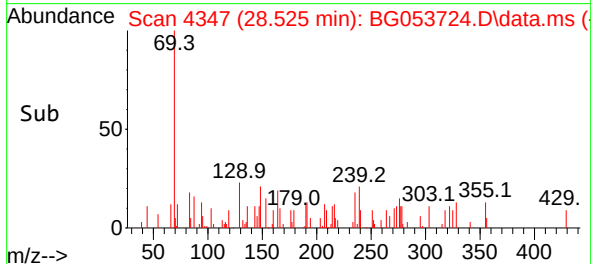
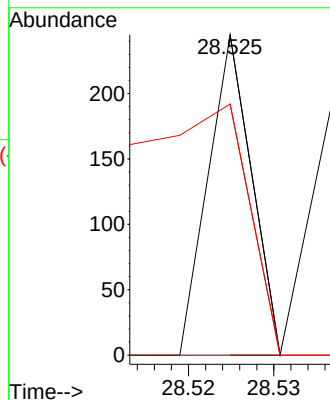
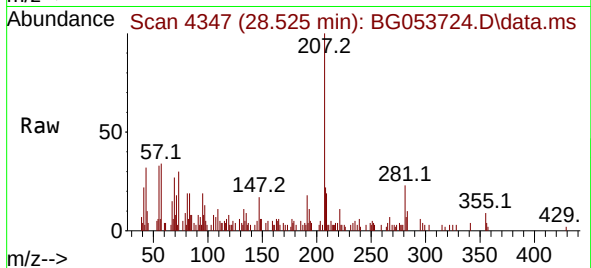
Instrument :

BNA\_G

ClientSampleId :

P021-SS003-0006-01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 86    |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 138       | 204.7 | 5.0   | 7.4#  |
| 277       | 284.9 | 20.3  | 30.5# |



#88

Benzo(b)fluoranthene

Concen: 0.080 ng

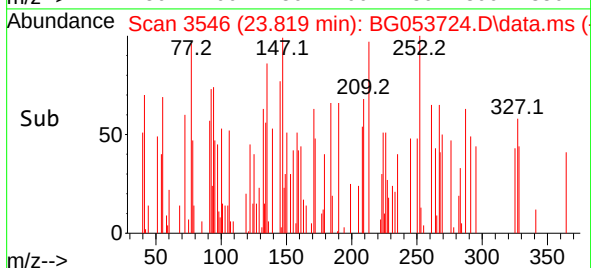
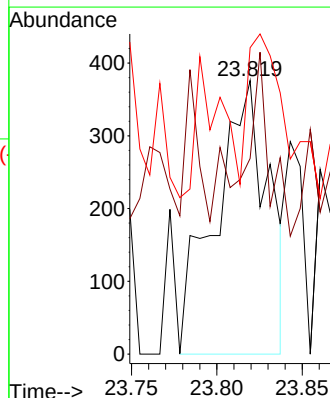
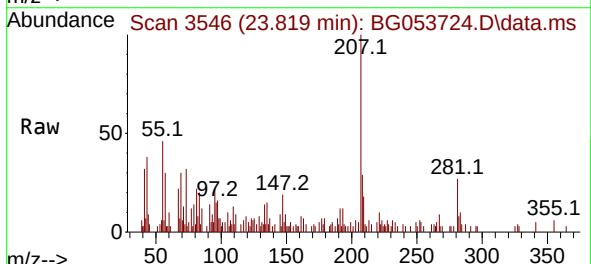
RT: 23.819 min Scan# 3546

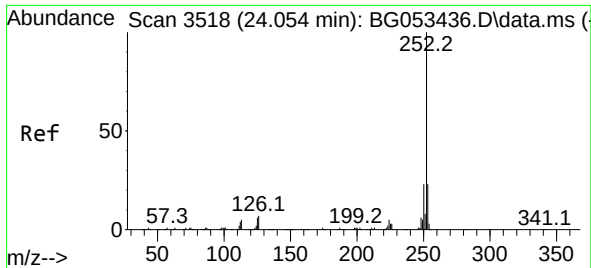
Delta R.T. -0.004 min

Lab File: BG053724.D

Acq: 26 May 2022 19:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 811   |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 71.5  | 18.0  | 27.0# |
| 125       | 112.0 | 4.6   | 6.8#  |

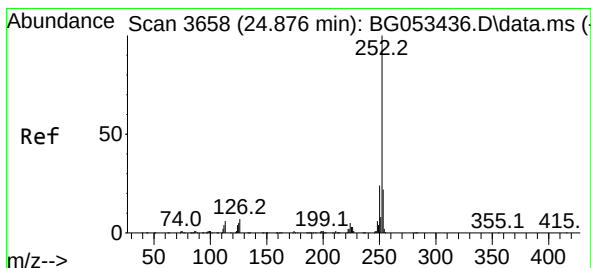
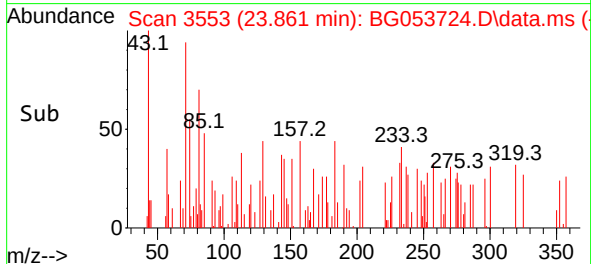
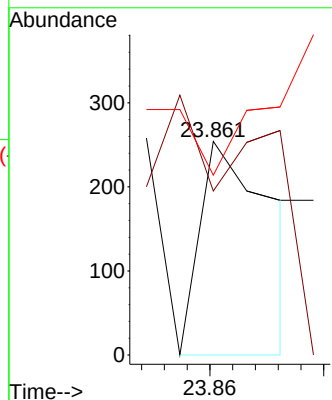
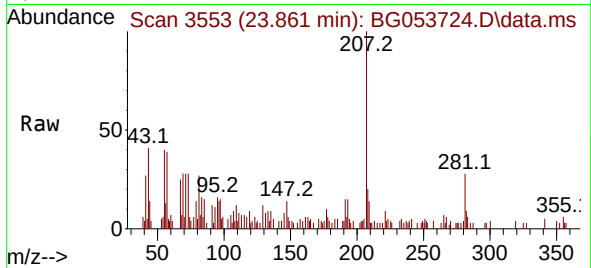




#89  
Benzo(k)fluoranthene  
Concen: 0.022 ng  
RT: 23.861 min Scan# 31  
Delta R.T. -0.028 min  
Lab File: BG053724.D  
Acq: 26 May 2022 19:43

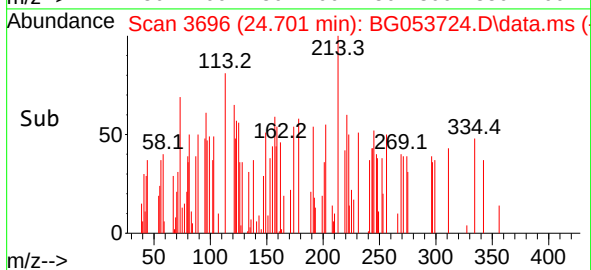
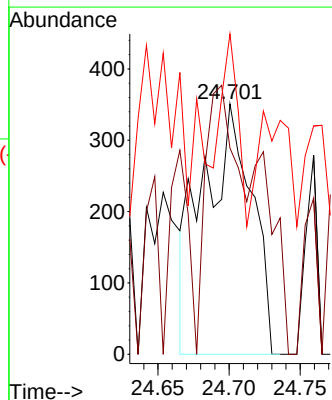
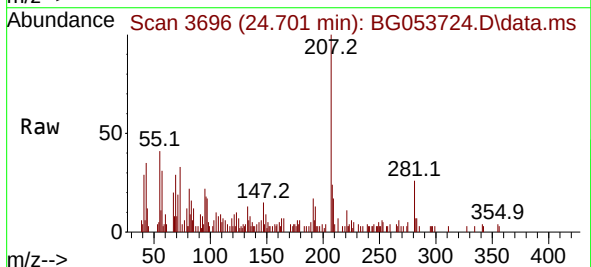
Instrument :  
BNA\_G  
ClientSampleId :  
P021-SS003-0006-01

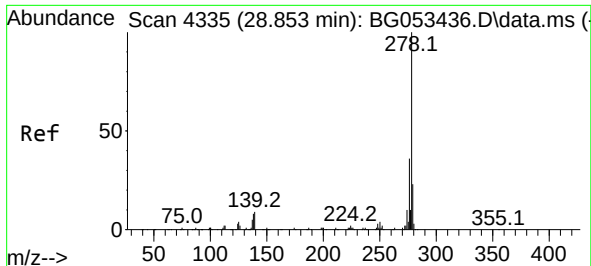
Tgt Ion:252 Resp: 223  
Ion Ratio Lower Upper  
252 100  
253 76.8 18.4 27.6#  
125 84.3 4.8 7.2#



#90  
Benzo(a)pyrene  
Concen: 0.098 ng  
RT: 24.701 min Scan# 3696  
Delta R.T. 0.014 min  
Lab File: BG053724.D  
Acq: 26 May 2022 19:43

Tgt Ion:252 Resp: 841  
Ion Ratio Lower Upper  
252 100  
253 82.3 17.8 26.8#  
125 127.9 4.3 6.5#

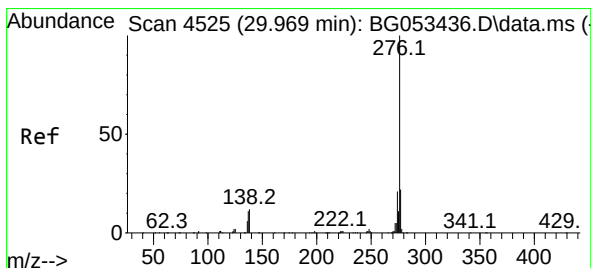
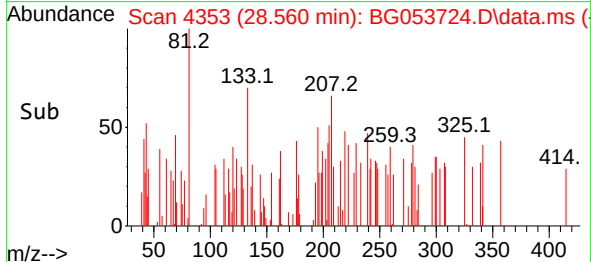
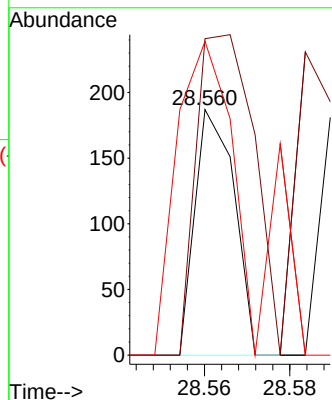
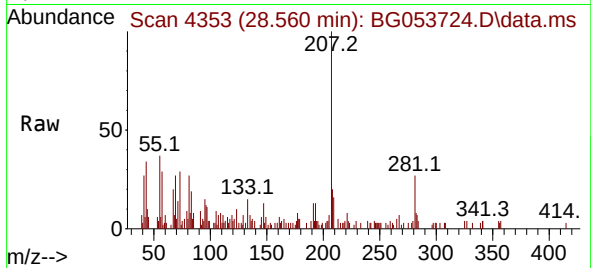




#91  
Dibenzo(a,h)anthracene  
Concen: 0.012 ng  
RT: 28.560 min Scan# 41  
Delta R.T. 0.008 min  
Lab File: BG053724.D  
Acq: 26 May 2022 19:43

Instrument :  
BNA\_G  
ClientSampleId :  
P021-SS003-0006-01

Tgt Ion:278 Resp: 119  
Ion Ratio Lower Upper  
278 100  
139 128.9 7.2 10.8#  
279 127.8 18.6 27.8#



#92  
Benzo(g,h,i)perylene  
Concen: 0.146 ng  
RT: 29.659 min Scan# 4540  
Delta R.T. 0.008 min  
Lab File: BG053724.D  
Acq: 26 May 2022 19:43

Tgt Ion:276 Resp: 1418  
Ion Ratio Lower Upper  
276 100  
277 0.0 17.3 25.9#  
138 49.1 9.6 14.4#

