

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111522\  
 Data File : BG055620.D  
 Acq On : 15 Nov 2022 12:39  
 Operator : CG/JU  
 Sample : PB148810BL  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB148810BL

Quant Time: Nov 16 01:40:22 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG110922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 16 01:36:26 2022  
 Response via : Initial Calibration

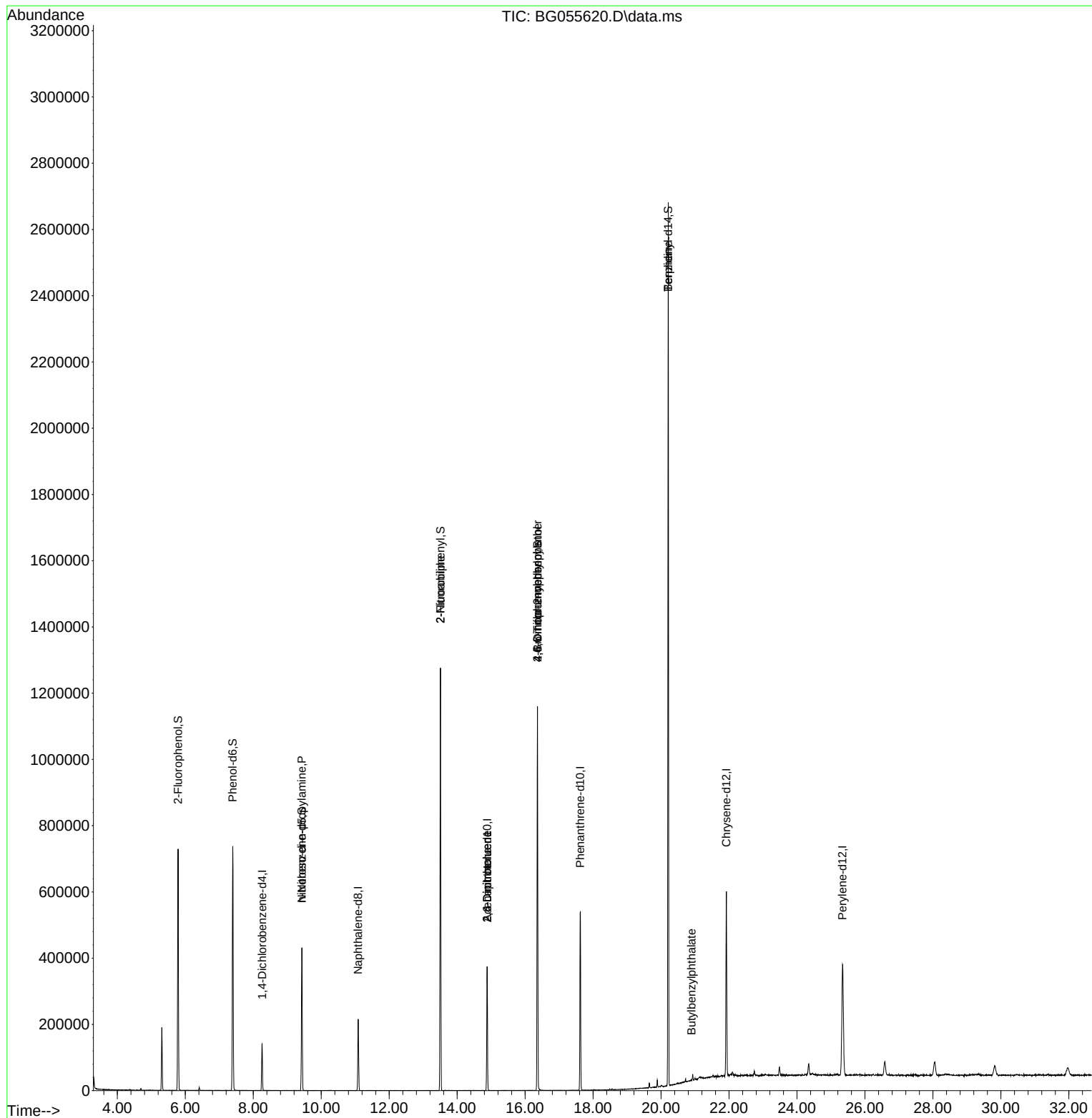
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.259  | 152  | 40591    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.085 | 136  | 179915   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.881 | 164  | 139201   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.619 | 188  | 366687   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.920 | 240  | 353136   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 25.339 | 264  | 368586   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.786  | 112  | 305141   | 143.187 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.395  | 99   | 400946   | 136.204 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.428  | 82   | 245062   | 92.339  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.361 | 330  | 239422   | 176.280 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.506 | 172  | 644396   | 69.827  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.210 | 244  | 1332688  | 75.800  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 9.428  | 70   | 33079    | 13.597  | ng    | # 76     |
| 48) 2-Nitroaniline            | 13.506 | 65   | 1105     | 4.289   | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 14.881 | 165  | 18049    | 12.222  | ng    | # 20     |
| 57) 2,4-Dinitrotoluene        | 14.881 | 165  | 18049    | 10.417  | ng    | # 21     |
| 65) 4,6-Dinitro-2-methylph... | 16.361 | 198  | 613      | 2.586   | ng    | # 1      |
| 67) 4-Bromophenyl-phenylether | 16.361 | 248  | 15440    | 4.127   | ng    | # 1      |
| 77) Benzidine                 | 20.210 | 184  | 21046    | 2.203   | ng    | # 93     |
| 80) Butylbenzylphthalate      | 20.897 | 149  | 1630     | 3.531   | ng    | # 63     |
| -----                         |        |      |          |         |       |          |

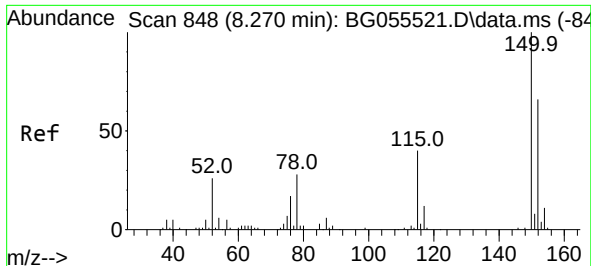
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111522\  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG110922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Nov 16 01:36:26 2022  
Response via : Initial Calibration

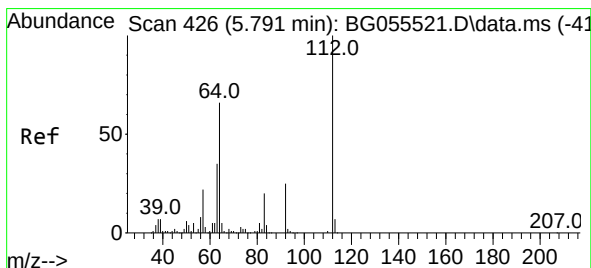
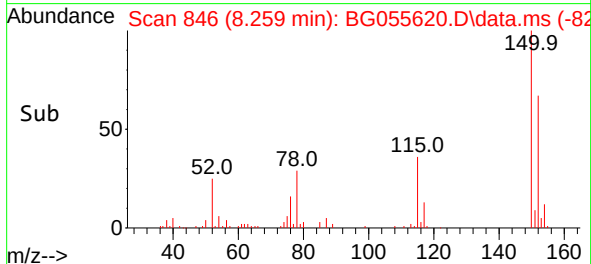
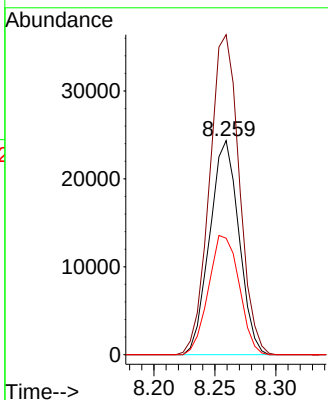
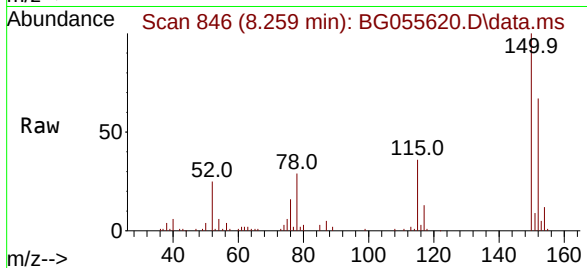




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.259 min Scan# 84  
Delta R.T. -0.002 min  
Lab File: BG055620.D  
Acq: 15 Nov 2022 12:39

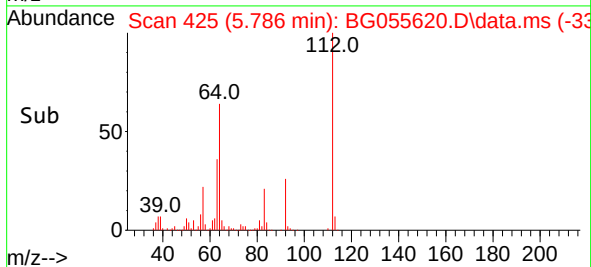
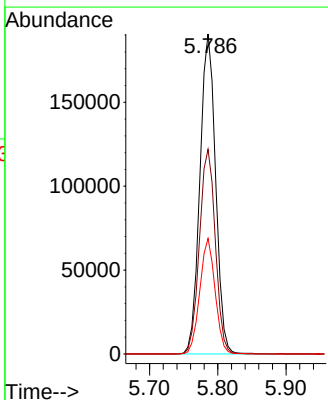
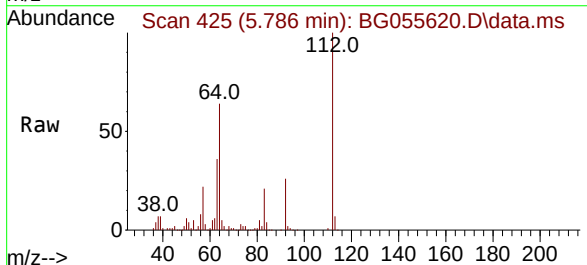
Instrument :  
BNA\_G  
ClientSampleId :  
PB148810BL

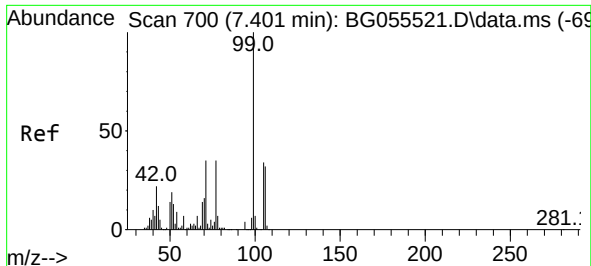
Tgt Ion:152 Resp: 40591  
Ion Ratio Lower Upper  
152 100  
150 149.4 121.0 181.4  
115 54.4 47.8 71.8



#5  
2-Fluorophenol  
Concen: 143.187 ng  
RT: 5.786 min Scan# 425  
Delta R.T. 0.004 min  
Lab File: BG055620.D  
Acq: 15 Nov 2022 12:39

Tgt Ion:112 Resp: 305141  
Ion Ratio Lower Upper  
112 100  
64 64.0 52.6 78.8  
63 36.1 28.3 42.5

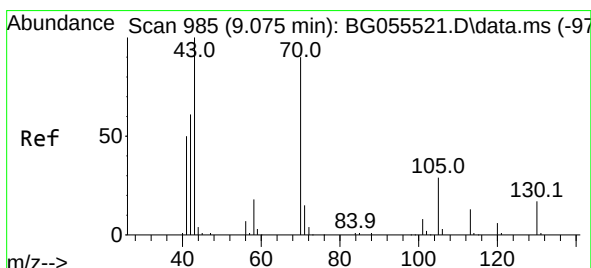
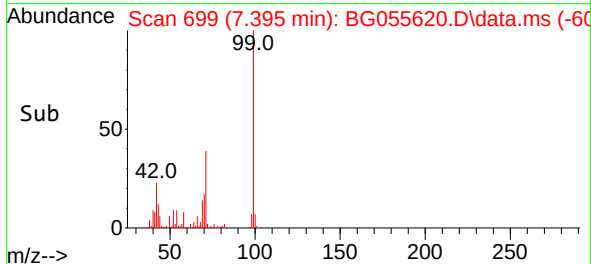
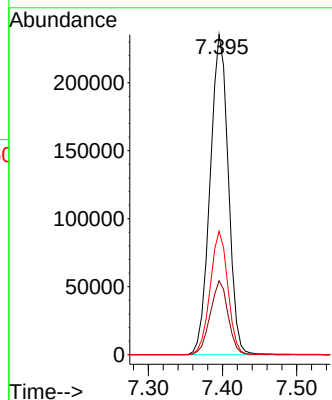
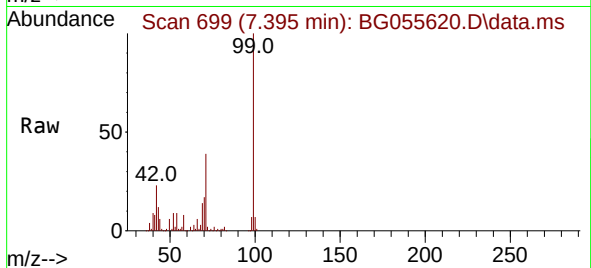




#7  
Phenol-d6  
Concen: 136.204 ng  
RT: 7.395 min Scan# 61  
Delta R.T. -0.002 min  
Lab File: BG055620.D  
Acq: 15 Nov 2022 12:39

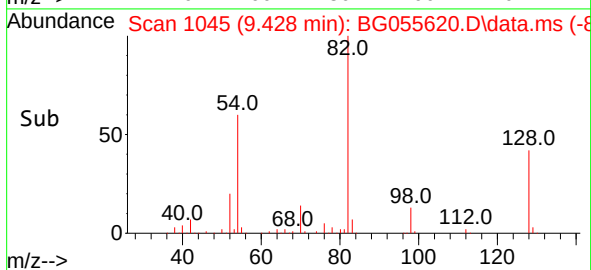
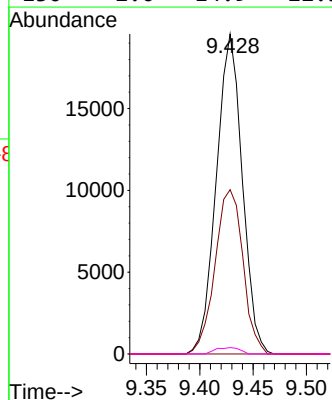
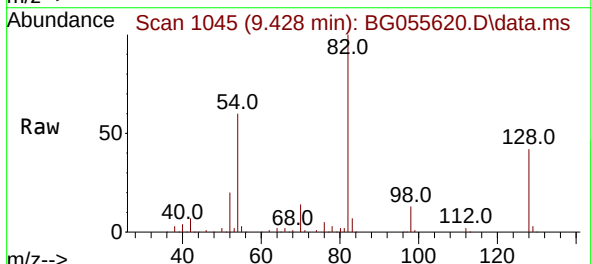
Instrument :  
BNA\_G  
ClientSampleId :  
PB148810BL

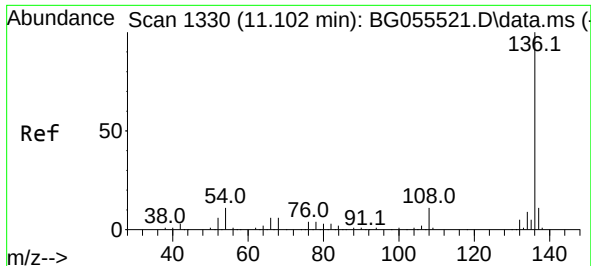
Tgt Ion: 99 Resp: 400946  
Ion Ratio Lower Upper  
99 100  
42 23.1 17.5 26.3  
71 38.6 28.3 42.5



#19  
n-Nitroso-di-n-propylamine  
Concen: 13.597 ng  
RT: 9.428 min Scan# 1045  
Delta R.T. 0.363 min  
Lab File: BG055620.D  
Acq: 15 Nov 2022 12:39

Tgt Ion: 70 Resp: 33079  
Ion Ratio Lower Upper  
70 100  
42 51.4 54.8 82.2#  
101 0.0 6.8 10.2#  
130 2.0 14.9 22.3#

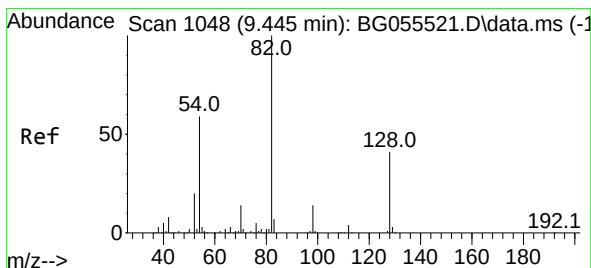
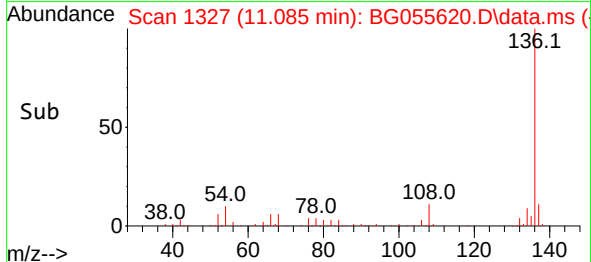
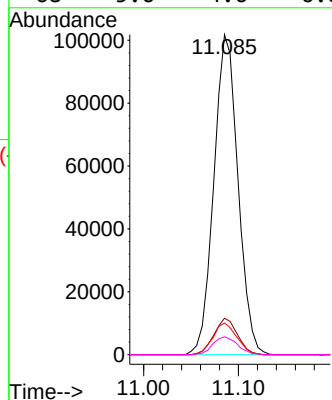
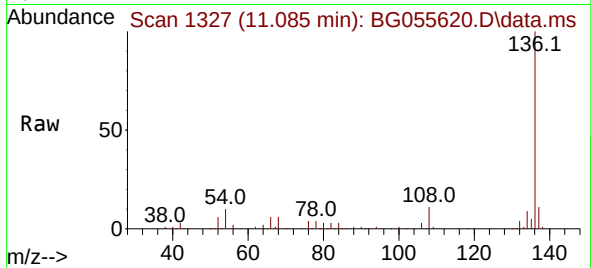




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.085 min Scan# 11  
Delta R.T. -0.002 min  
Lab File: BG055620.D  
Acq: 15 Nov 2022 12:39

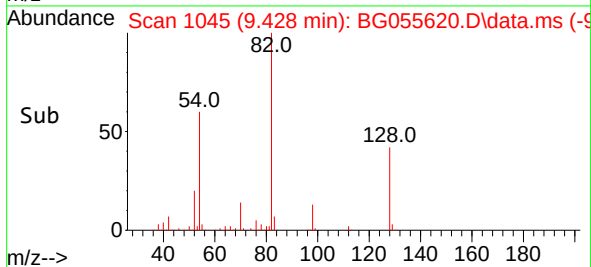
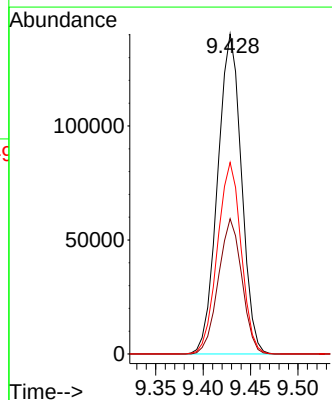
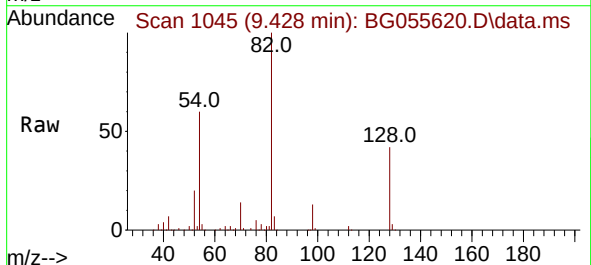
Instrument :  
BNA\_G  
ClientSampleId :  
PB148810BL

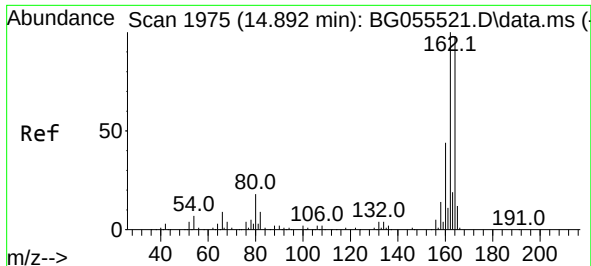
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 179915 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.4  | 8.6   | 12.8   |
| 54       | 9.9   | 8.6   | 12.8   |
| 68       | 5.6   | 4.6   | 6.8    |



#23  
Nitrobenzene-d5  
Concen: 92.339 ng  
RT: 9.428 min Scan# 1045  
Delta R.T. -0.002 min  
Lab File: BG055620.D  
Acq: 15 Nov 2022 12:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 245062 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 42.3  | 32.6  | 49.0   |
| 54       | 59.9  | 47.3  | 70.9   |

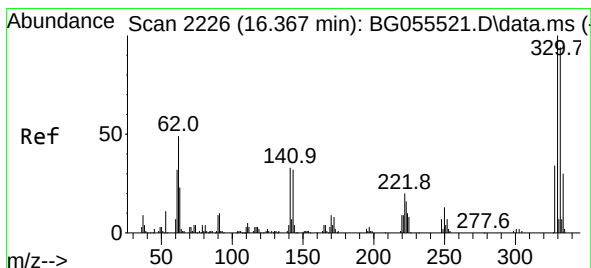
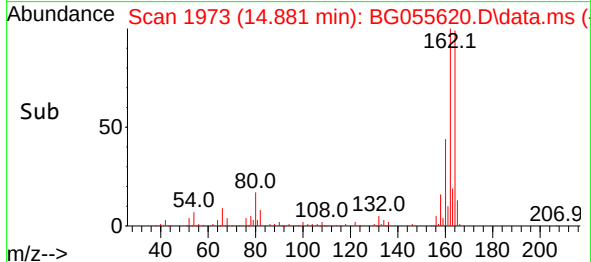
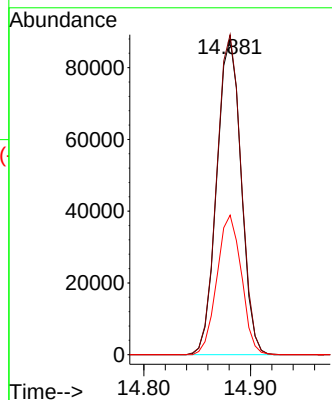
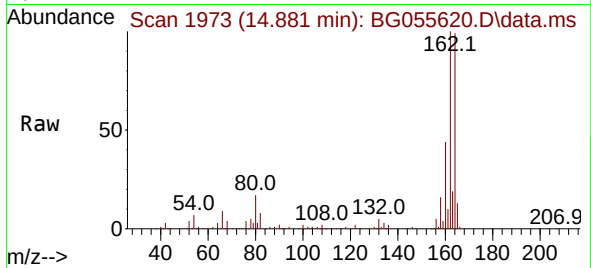




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.881 min Scan# 1973  
Delta R.T. -0.002 min  
Lab File: BG055620.D  
Acq: 15 Nov 2022 12:39

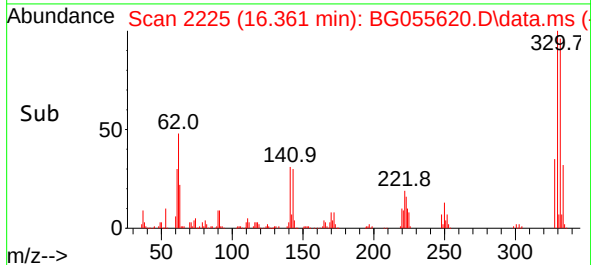
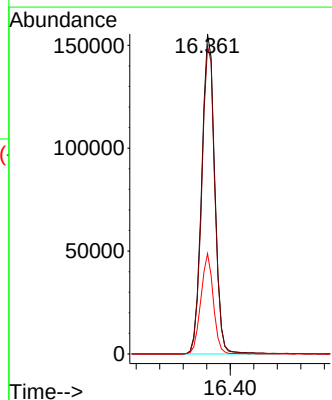
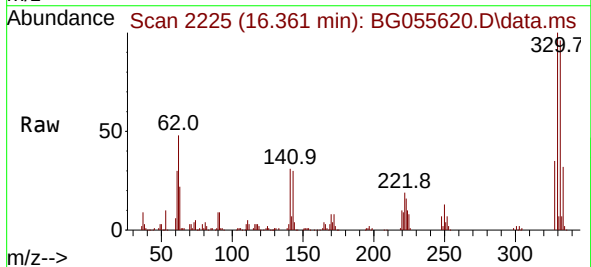
Instrument :  
BNA\_G  
ClientSampleId :  
PB148810BL

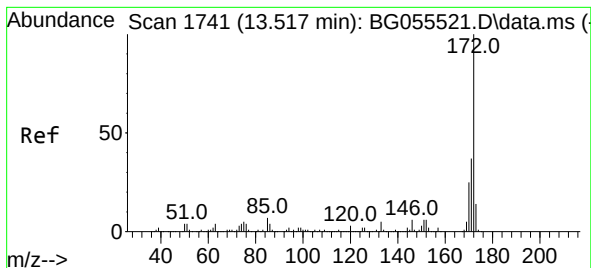
Tgt Ion:164 Resp: 139201  
Ion Ratio Lower Upper  
164 100  
162 101.3 81.3 121.9  
160 44.2 35.9 53.9



#42  
2,4,6-Tribromophenol  
Concen: 176.280 ng  
RT: 16.361 min Scan# 2225  
Delta R.T. -0.002 min  
Lab File: BG055620.D  
Acq: 15 Nov 2022 12:39

Tgt Ion:330 Resp: 239422  
Ion Ratio Lower Upper  
330 100  
332 96.7 77.4 116.2  
141 29.9 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 69.827 ng

RT: 13.506 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG055620.D

Acq: 15 Nov 2022 12:39

Instrument :

BNA\_G

ClientSampleId :

PB148810BL

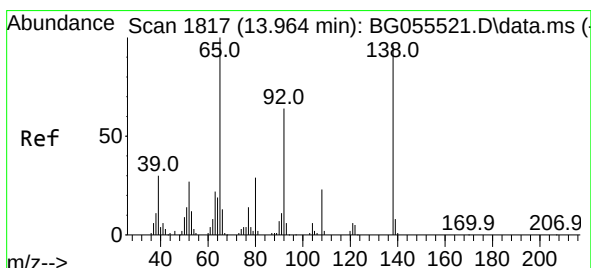
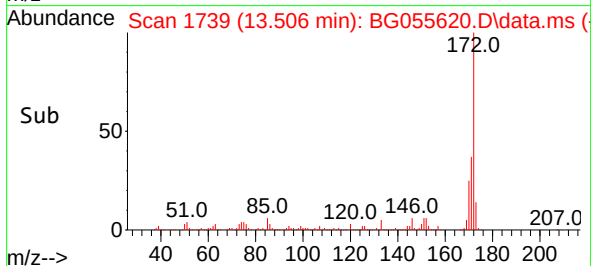
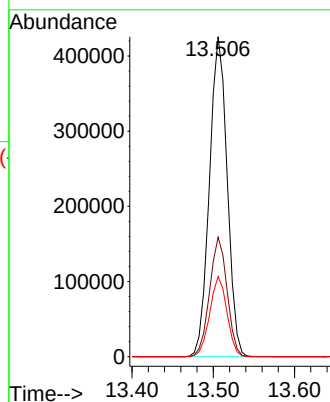
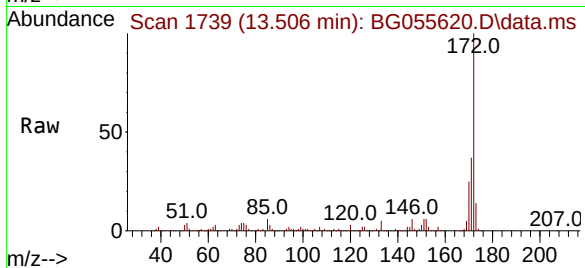
Tgt Ion:172 Resp: 644396

Ion Ratio Lower Upper

172 100

171 37.4 29.7 44.5

170 25.1 19.8 29.6



#48

2-Nitroaniline

Concen: 4.289 ng

RT: 13.506 min Scan# 1739

Delta R.T. -0.454 min

Lab File: BG055620.D

Acq: 15 Nov 2022 12:39

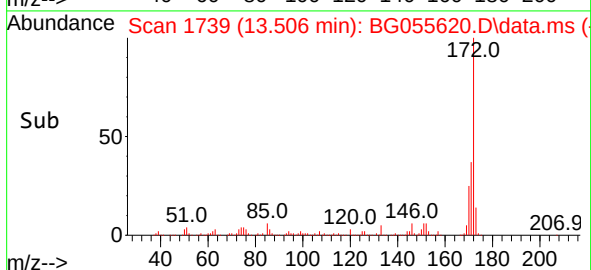
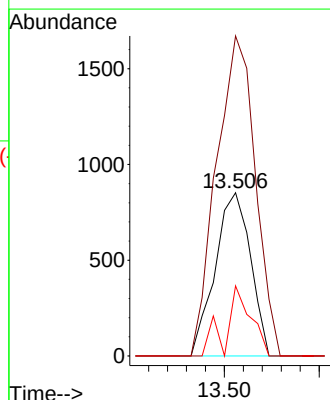
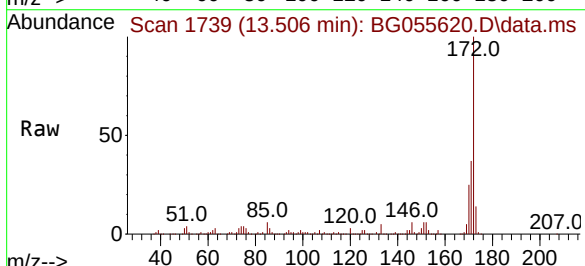
Tgt Ion: 65 Resp: 1105

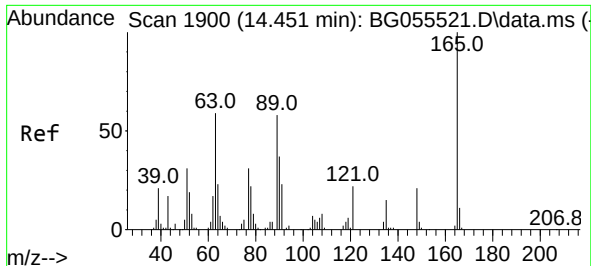
Ion Ratio Lower Upper

65 100

92 196.1 51.6 77.4#

138 43.0 77.0 115.4#

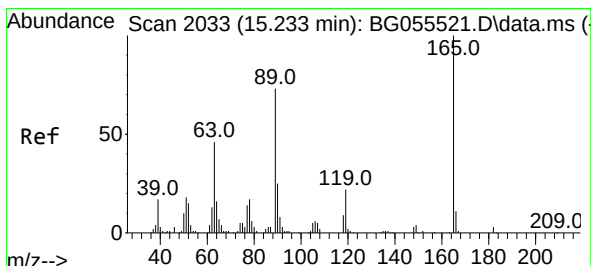
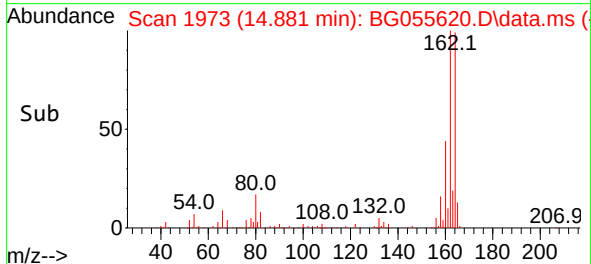
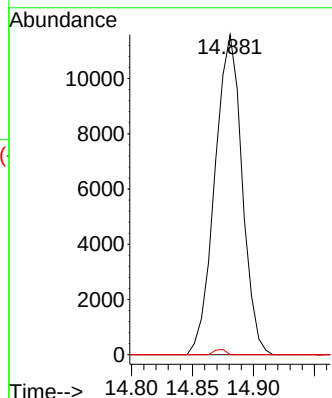
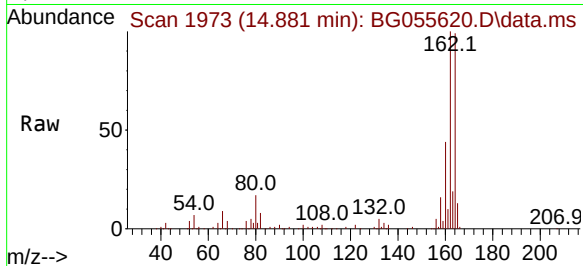




#51  
2,6-Dinitrotoluene  
Concen: 12.222 ng  
RT: 14.881 min Scan# 1900  
Delta R.T. 0.433 min  
Lab File: BG055620.D  
Acq: 15 Nov 2022 12:39

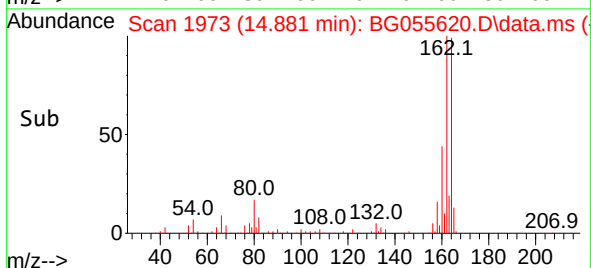
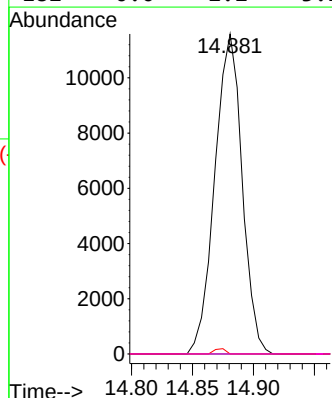
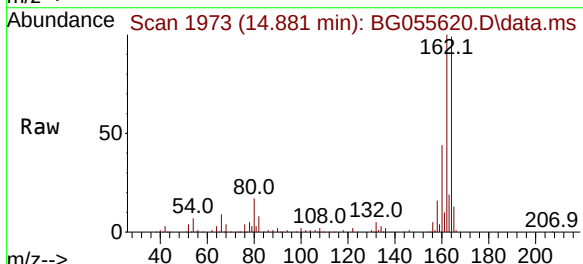
Instrument :  
BNA\_G  
ClientSampleId :  
PB148810BL

Tgt Ion:165 Resp: 18049  
Ion Ratio Lower Upper  
165 100  
63 0.0 50.1 75.1#  
89 0.0 46.5 69.7#

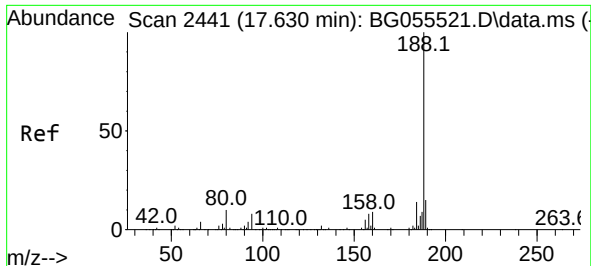


#57  
2,4-Dinitrotoluene  
Concen: 10.417 ng  
RT: 14.881 min Scan# 1973  
Delta R.T. -0.348 min  
Lab File: BG055620.D  
Acq: 15 Nov 2022 12:39

Tgt Ion:165 Resp: 18049  
Ion Ratio Lower Upper  
165 100  
63 0.0 37.0 55.4#  
89 0.0 58.6 87.8#  
182 0.0 2.2 3.2#



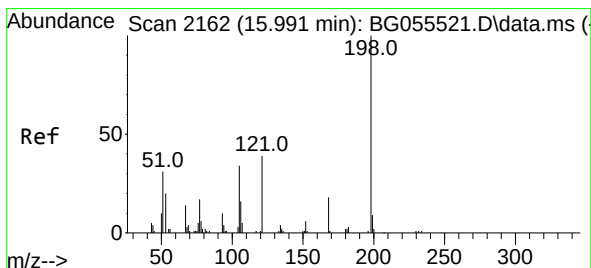
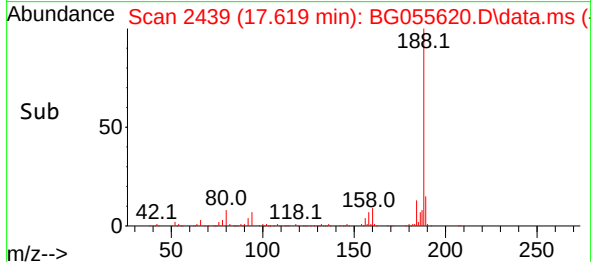
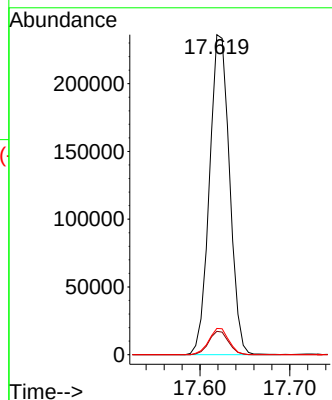
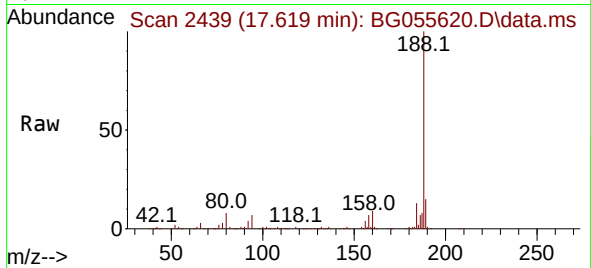




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.619 min Scan# 2441  
Delta R.T. -0.002 min  
Lab File: BG055620.D  
Acq: 15 Nov 2022 12:39

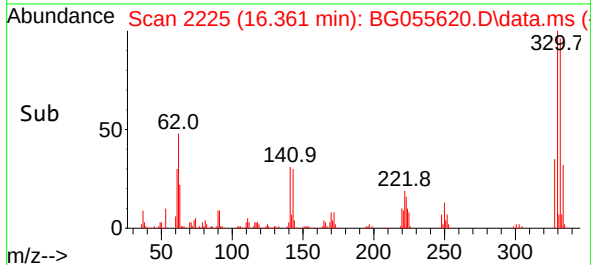
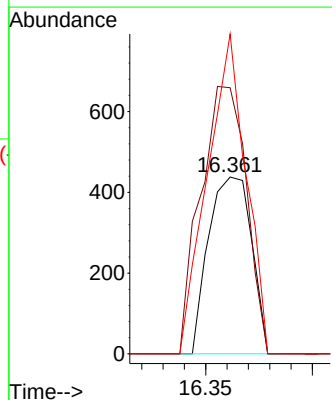
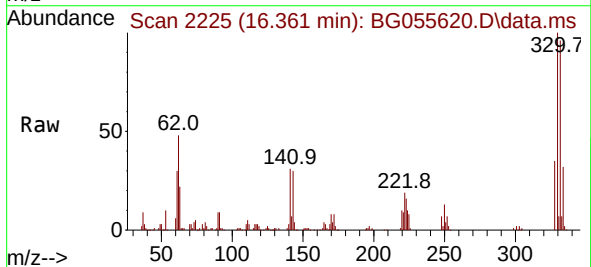
Instrument :  
BNA\_G  
ClientSampleId :  
PB148810BL

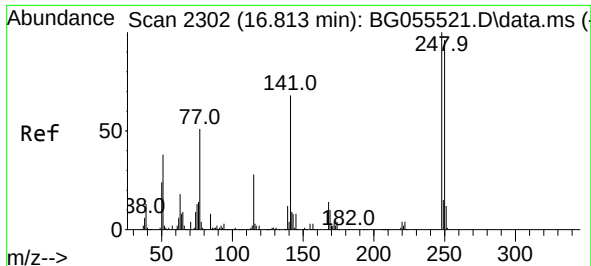
Tgt Ion:188 Resp: 366687  
Ion Ratio Lower Upper  
188 100  
94 7.3 6.4 9.6  
80 8.2 7.6 11.4



#65  
4,6-Dinitro-2-methylphenol  
Concen: 2.586 ng  
RT: 16.361 min Scan# 2225  
Delta R.T. 0.369 min  
Lab File: BG055620.D  
Acq: 15 Nov 2022 12:39

Tgt Ion:198 Resp: 613  
Ion Ratio Lower Upper  
198 100  
51 150.5 24.7 64.7#  
105 180.8 17.6 57.6#

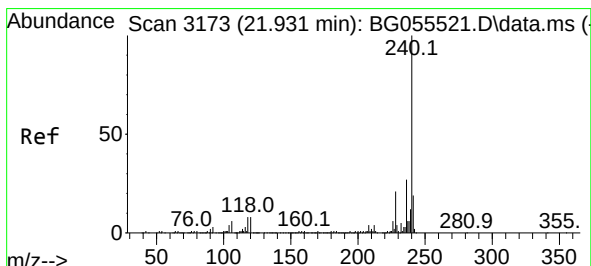
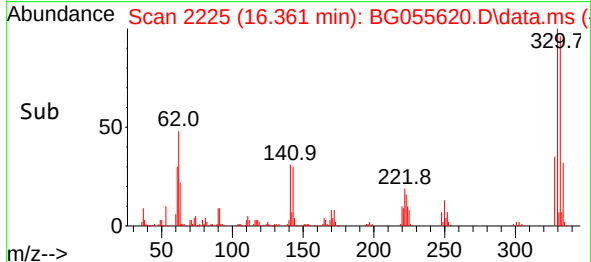
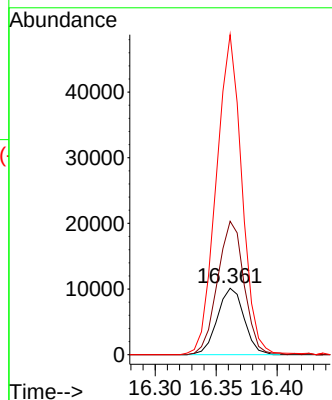
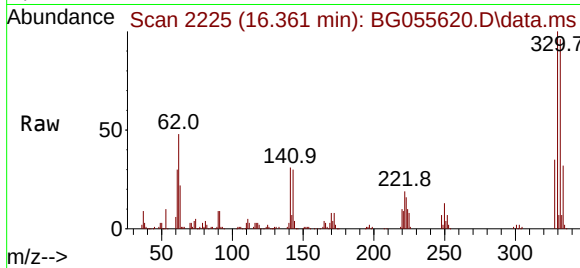




#67  
4-Bromophenyl-phenylether  
Concen: 4.127 ng  
RT: 16.361 min Scan# 21  
Delta R.T. -0.442 min  
Lab File: BG055620.D  
Acq: 15 Nov 2022 12:39

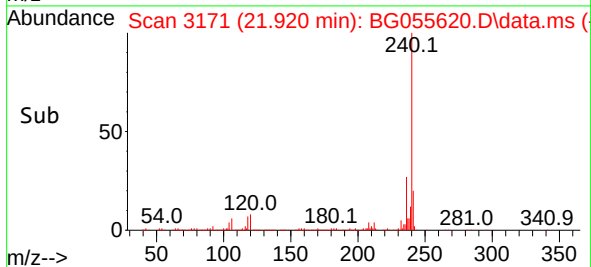
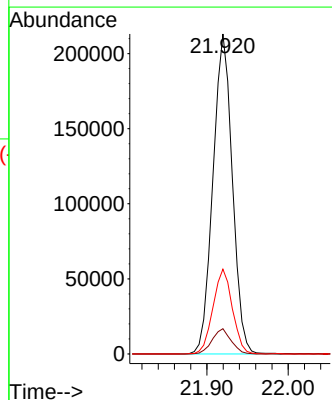
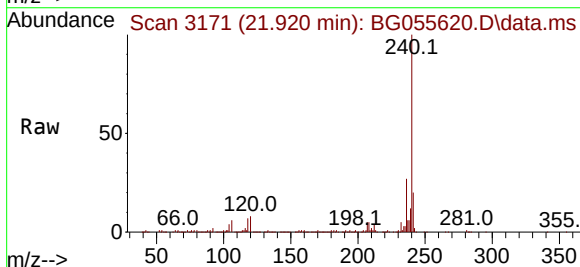
Instrument :  
BNA\_G  
ClientSampleId :  
PB148810BL

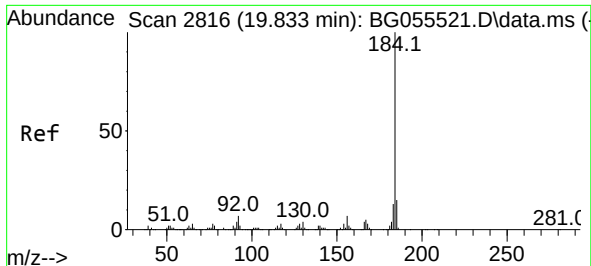
Tgt Ion:248 Resp: 15440  
Ion Ratio Lower Upper  
248 100  
250 200.9 76.9 115.3#  
141 481.5 54.3 81.5#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.920 min Scan# 3171  
Delta R.T. -0.002 min  
Lab File: BG055620.D  
Acq: 15 Nov 2022 12:39

Tgt Ion:240 Resp: 353136  
Ion Ratio Lower Upper  
240 100  
120 7.9 6.1 9.1  
236 26.5 21.4 32.0

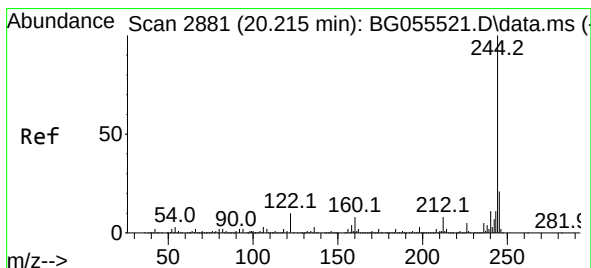
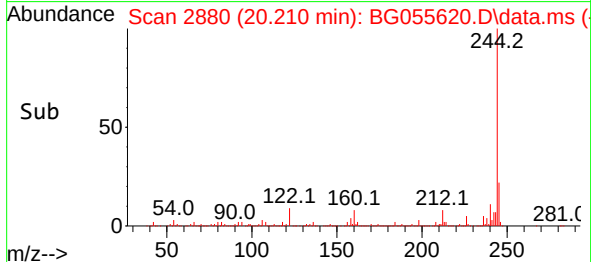
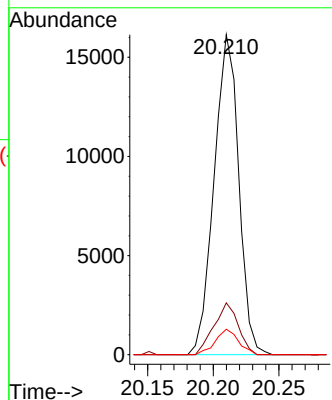
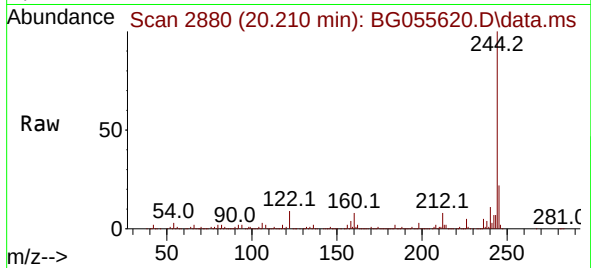




#77  
Benzidine  
Concen: 2.203 ng  
RT: 20.210 min Scan# 21  
Delta R.T. 0.380 min  
Lab File: BG055620.D  
Acq: 15 Nov 2022 12:39

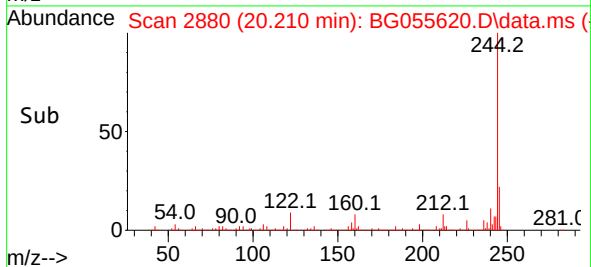
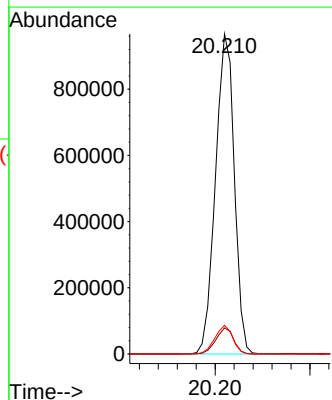
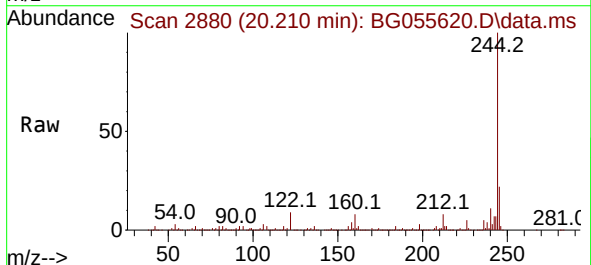
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BNA\_G  
ClientSampleId :  
PB148810BL

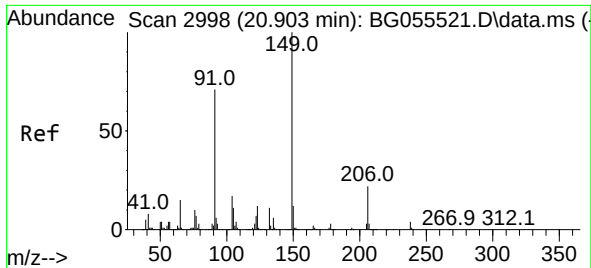
Tgt Ion:184 Resp: 21046  
Ion Ratio Lower Upper  
184 100  
185 16.2 12.0 18.0  
183 7.9 10.2 15.2#



#79  
Terphenyl-d14  
Concen: 75.800 ng  
RT: 20.210 min Scan# 2880  
Delta R.T. -0.002 min  
Lab File: BG055620.D  
Acq: 15 Nov 2022 12:39

Tgt Ion:244 Resp: 1332688  
Ion Ratio Lower Upper  
244 100  
212 8.2 6.5 9.7  
122 8.9 7.7 11.5

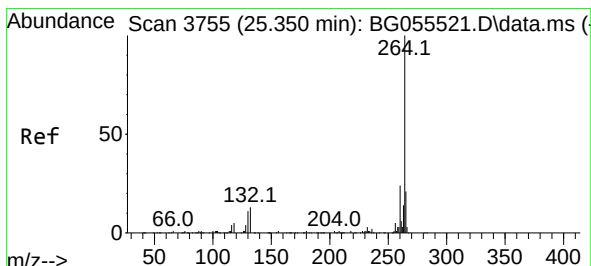
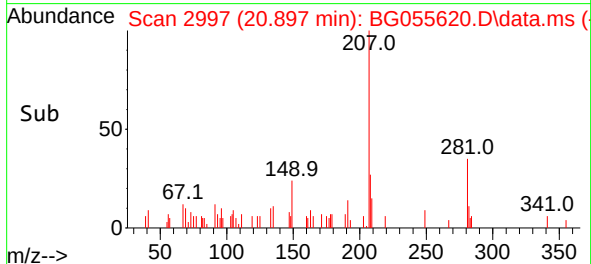
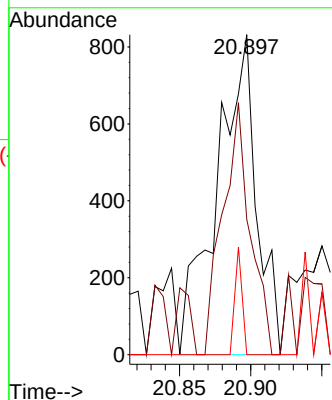
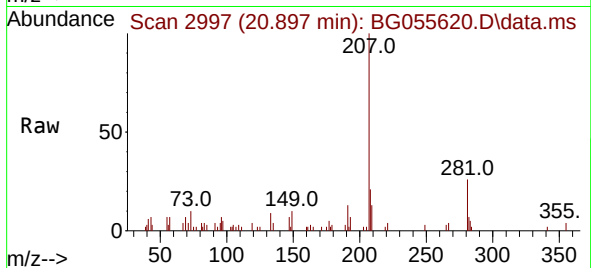




#80  
Butylbenzylphthalate  
Concen: 3.531 ng  
RT: 20.897 min Scan# 2997  
Delta R.T. 0.004 min  
Lab File: BG055620.D  
Acq: 15 Nov 2022 12:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB148810BL

Tgt Ion:149 Resp: 1630  
Ion Ratio Lower Upper  
149 100  
91 42.3 56.8 85.2#  
206 0.0 17.3 25.9#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.339 min Scan# 3753  
Delta R.T. 0.004 min  
Lab File: BG055620.D  
Acq: 15 Nov 2022 12:39

Tgt Ion:264 Resp: 368586  
Ion Ratio Lower Upper  
264 100  
260 24.0 19.4 29.2  
265 21.7 17.1 25.7

