

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG021523\  
 Data File : BG056642.D  
 Acq On : 15 Feb 2023 21:18  
 Operator : CG/JU  
 Sample : PB150774BL  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB150774BL

Quant Time: Feb 16 01:55:30 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG021523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 16 01:33:33 2023  
 Response via : Initial Calibration

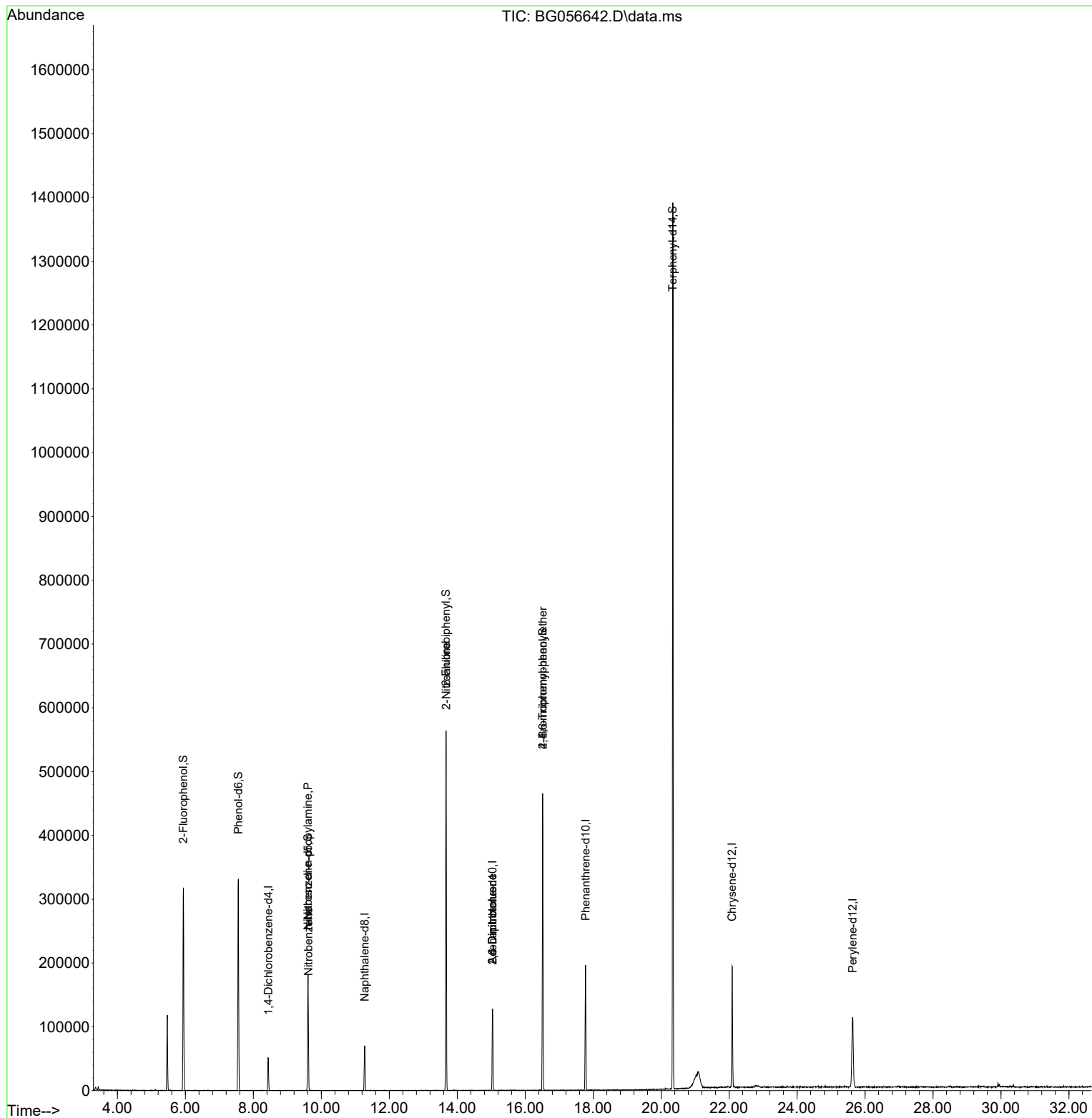
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.440  | 152  | 14710    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.278 | 136  | 59105    | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 15.038 | 164  | 47540    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.776 | 188  | 132376   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 22.089 | 240  | 132170   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12              | 25.632 | 264  | 142910   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.943  | 112  | 132715   | 146.796 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.559  | 99   | 187751   | 140.589 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.609  | 82   | 106744   | 92.470  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.513 | 330  | 87569    | 134.539 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.669 | 172  | 297676   | 83.846  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.344 | 244  | 719220   | 89.031  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 9.609  | 70   | 15532    | 15.536  | ng    | # 79     |
| 24) Nitrobenzene              | 9.621  | 77   | 337      | 2.925   | ng    | # 43     |
| 48) 2-Nitroaniline            | 13.675 | 65   | 468      | 5.749   | ng    | # 16     |
| 51) 2,6-Dinitrotoluene        | 15.038 | 165  | 5849     | 9.847   | ng    | # 21     |
| 57) 2,4-Dinitrotoluene        | 15.038 | 165  | 5849     | 6.103   | ng    | # 24     |
| 67) 4-Bromophenyl-phenylether | 16.513 | 248  | 6582     | 3.873   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

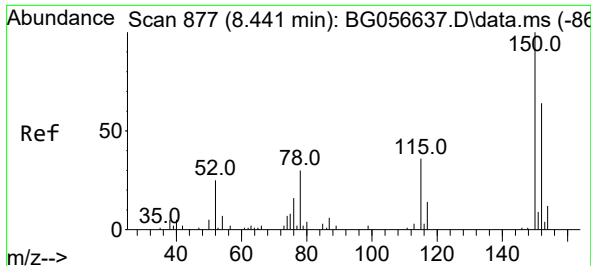
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG021523\  
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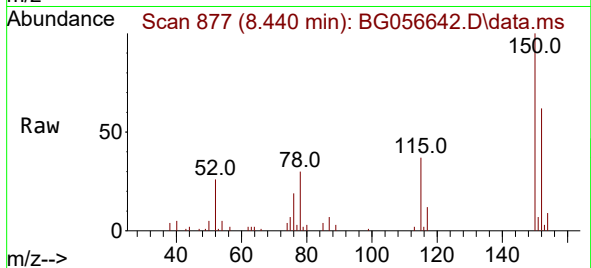
Quant Time: Feb 16 01:55:30 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG021523.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Feb 16 01:33:33 2023  
Response via : Initial Calibration



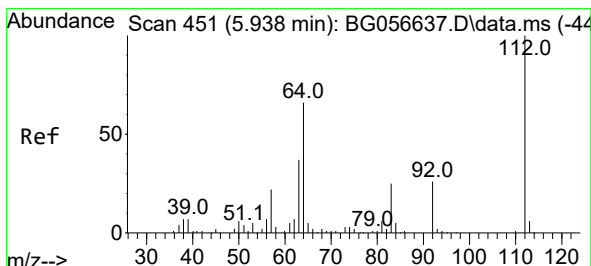
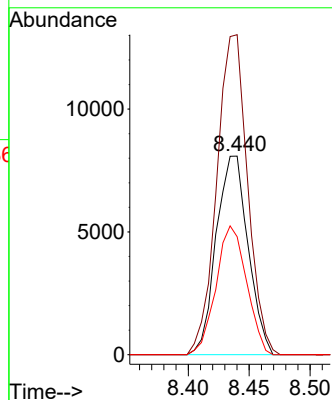
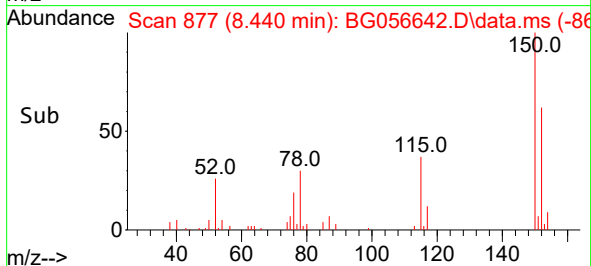


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.440 min Scan# 81  
Delta R.T. -0.001 min  
Lab File: BG056642.D  
Acq: 15 Feb 2023 21:18

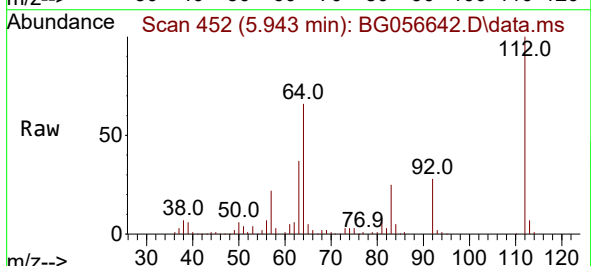
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BNA\_G  
ClientSampleId :  
PB150774BL



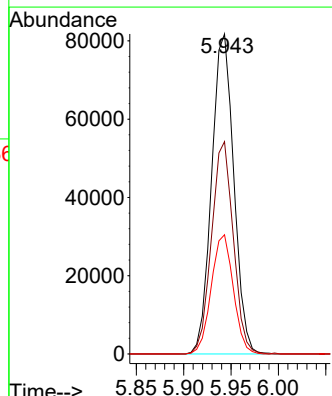
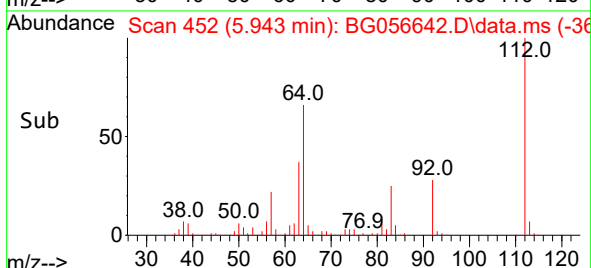
Tgt Ion:152 Resp: 14710  
Ion Ratio Lower Upper  
152 100  
150 161.1 124.8 187.2  
115 59.4 44.7 67.1

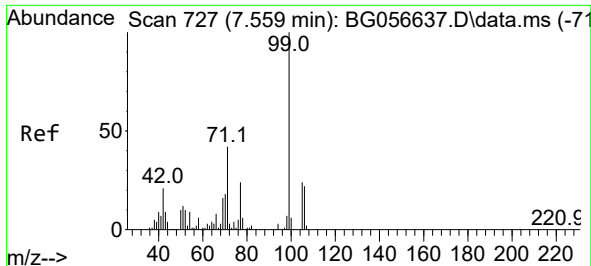


#5  
2-Fluorophenol  
Concen: 146.796 ng  
RT: 5.943 min Scan# 452  
Delta R.T. 0.005 min  
Lab File: BG056642.D  
Acq: 15 Feb 2023 21:18



Tgt Ion:112 Resp: 132715  
Ion Ratio Lower Upper  
112 100  
64 66.3 52.6 78.8  
63 37.3 29.8 44.6

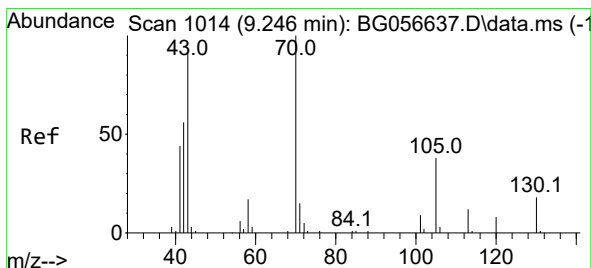
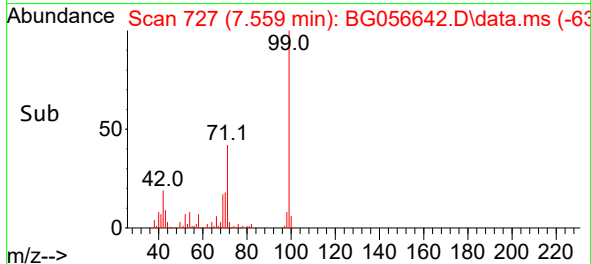
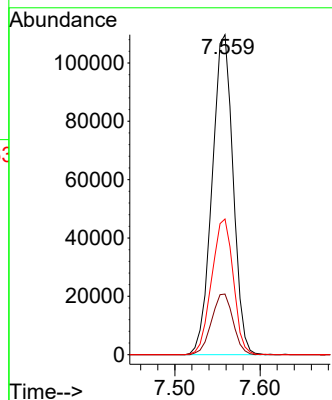
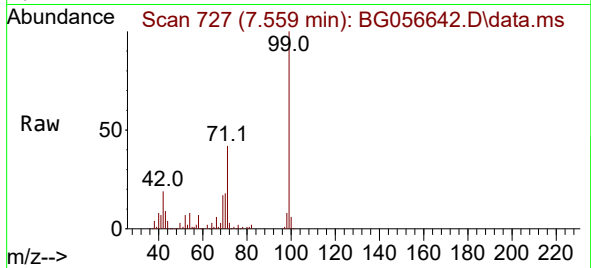




#7  
Phenol-d6  
Concen: 140.589 ng  
RT: 7.559 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BG056642.D  
Acq: 15 Feb 2023 21:18

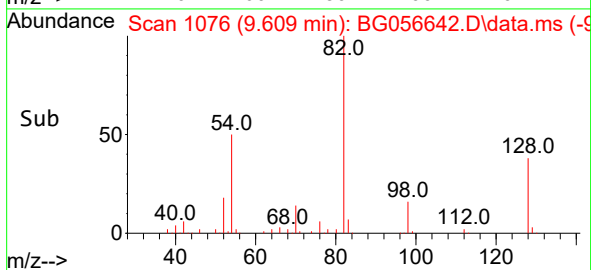
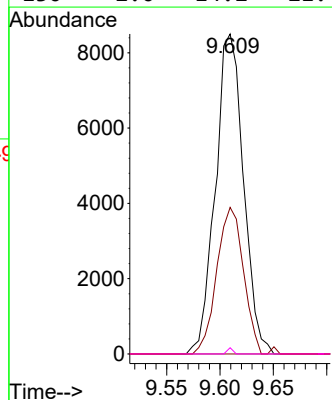
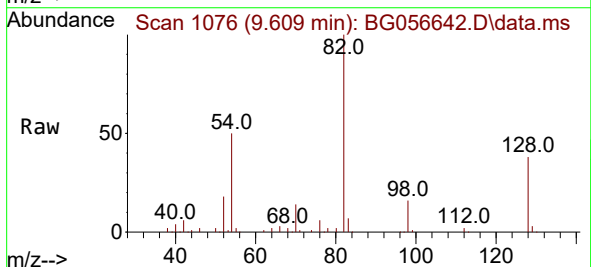
Instrument :  
BNA\_G  
ClientSampleId :  
PB150774BL

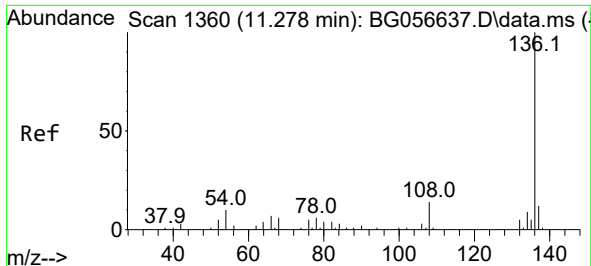
Tgt Ion: 99 Resp: 187751  
Ion Ratio Lower Upper  
99 100  
42 18.9 16.8 25.2  
71 42.4 33.9 50.9



#19  
n-Nitroso-di-n-propylamine  
Concen: 15.536 ng  
RT: 9.609 min Scan# 1076  
Delta R.T. 0.364 min  
Lab File: BG056642.D  
Acq: 15 Feb 2023 21:18

Tgt Ion: 70 Resp: 15532  
Ion Ratio Lower Upper  
70 100  
42 45.8 45.7 68.5  
101 0.0 7.4 11.0#  
130 2.0 14.2 21.4#

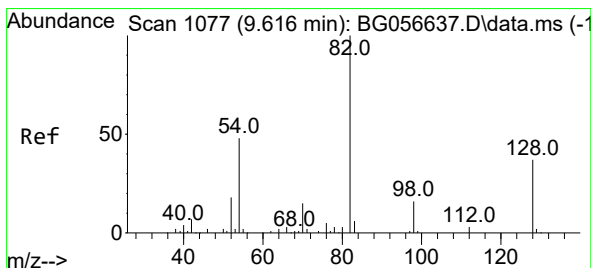
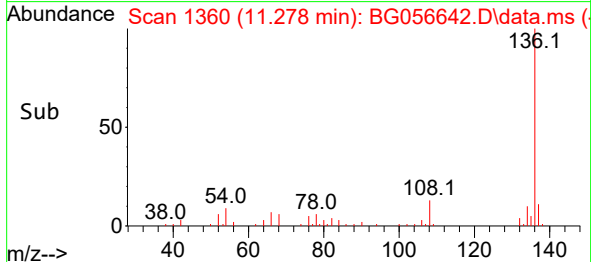
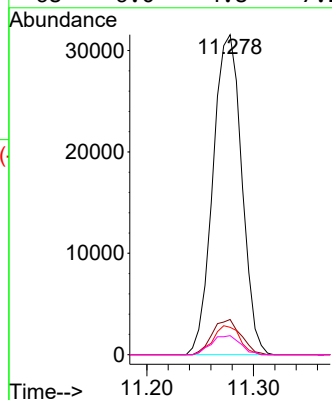
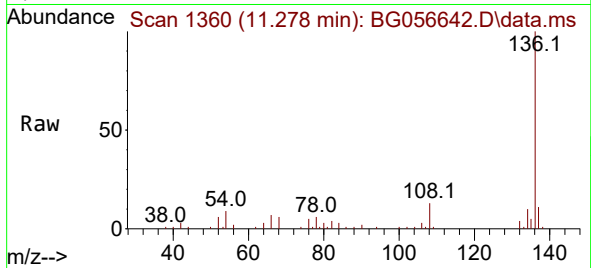




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.278 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: BG056642.D  
Acq: 15 Feb 2023 21:18

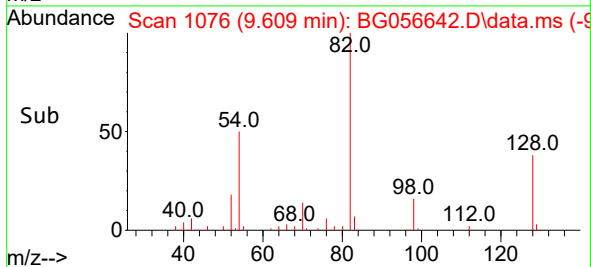
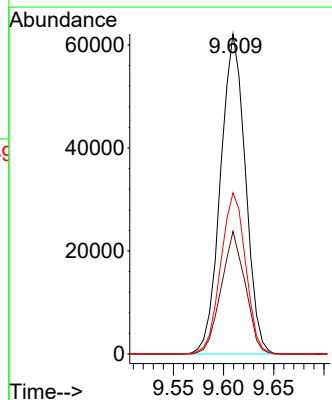
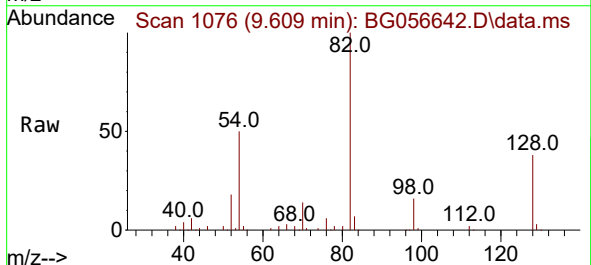
Instrument :  
BNA\_G  
ClientSampleId :  
PB150774BL

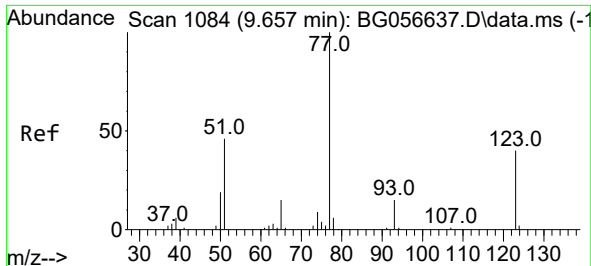
|             |       |          |
|-------------|-------|----------|
| Tgt Ion:136 | Resp: | 59105    |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.0  | 9.7 14.5 |
| 54          | 8.6   | 7.7 11.5 |
| 68          | 6.0   | 4.8 7.2  |



#23  
Nitrobenzene-d5  
Concen: 92.470 ng  
RT: 9.609 min Scan# 1076  
Delta R.T. -0.007 min  
Lab File: BG056642.D  
Acq: 15 Feb 2023 21:18

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 82 | Resp: | 106744    |
| Ion Ratio   | Lower | Upper     |
| 82          | 100   |           |
| 128         | 38.3  | 29.4 44.2 |
| 54          | 50.3  | 37.8 56.6 |

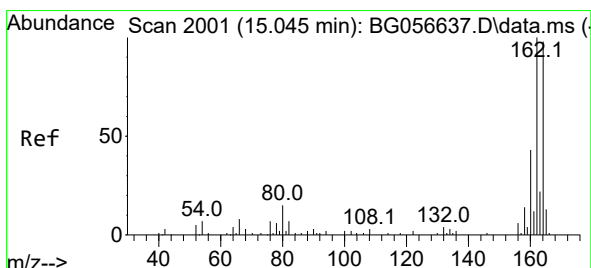
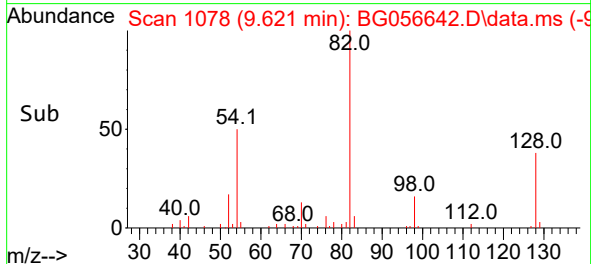
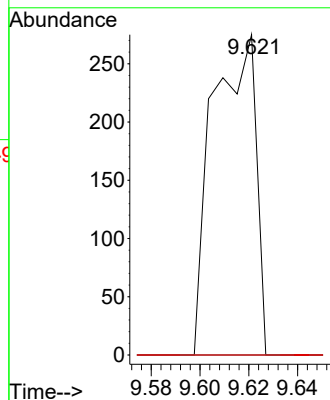
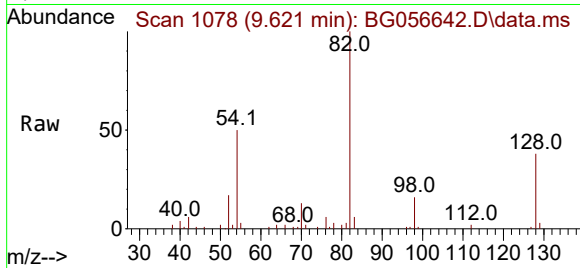




#24  
Nitrobenzene  
Concen: 2.925 ng  
RT: 9.621 min Scan# 10  
Delta R.T. -0.036 min  
Lab File: BG056642.D  
Acq: 15 Feb 2023 21:18

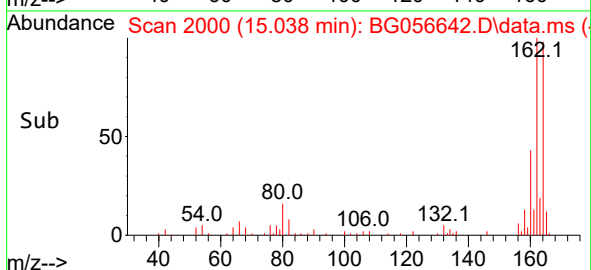
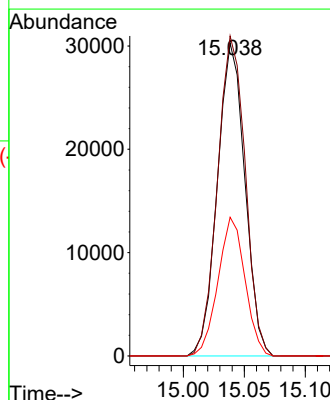
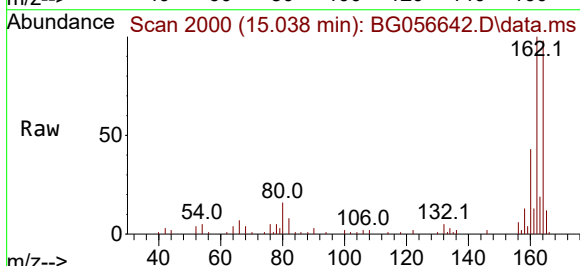
Instrument :  
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ClientSampleId :  
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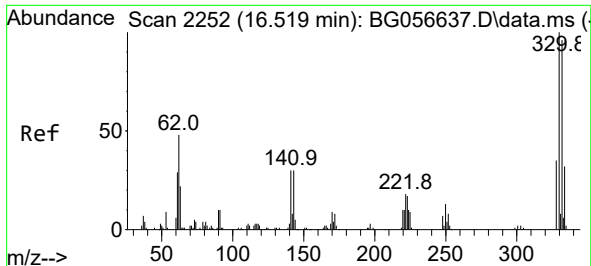
Tgt Ion: 77 Resp: 337  
Ion Ratio Lower Upper  
77 100  
123 0.0 31.8 47.8#  
65 0.0 12.0 18.0#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 15.038 min Scan# 2000  
Delta R.T. -0.006 min  
Lab File: BG056642.D  
Acq: 15 Feb 2023 21:18

Tgt Ion:164 Resp: 47540  
Ion Ratio Lower Upper  
164 100  
162 102.3 81.3 121.9  
160 44.3 35.2 52.8

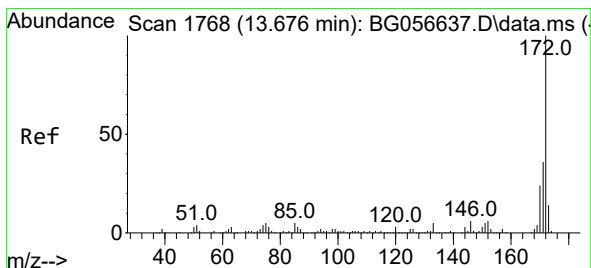
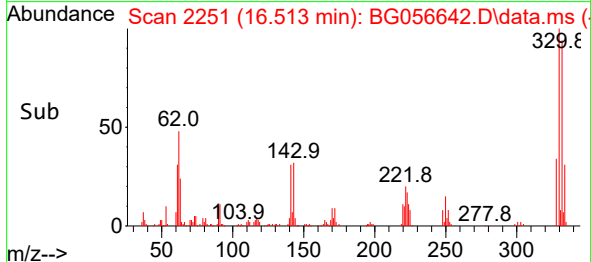
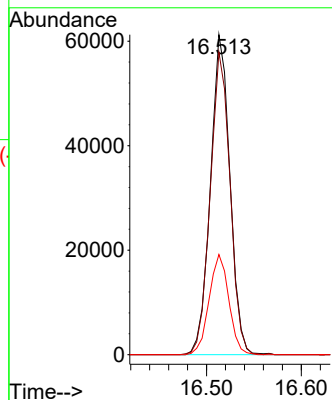
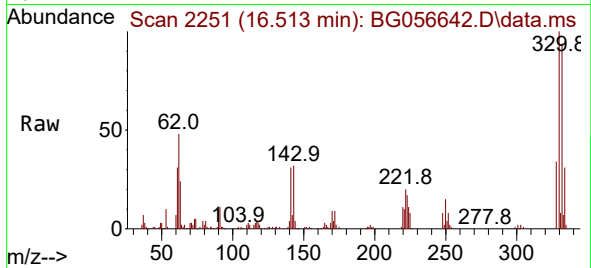




#42  
2,4,6-Tribromophenol  
Concen: 134.539 ng  
RT: 16.513 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BG056642.D  
Acq: 15 Feb 2023 21:18

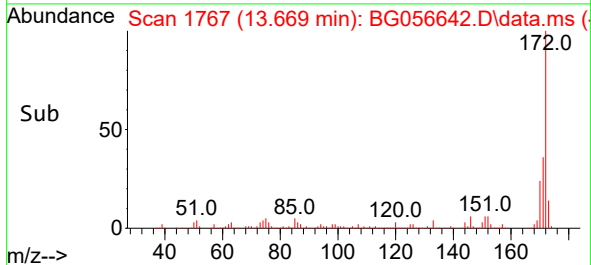
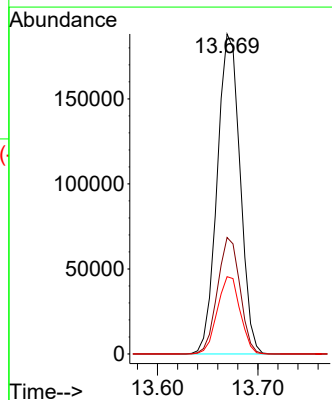
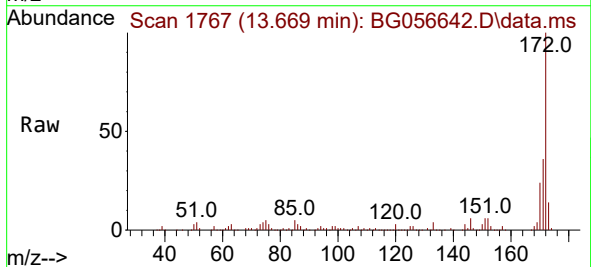
Instrument :  
BNA\_G  
ClientSampleId :  
PB150774BL

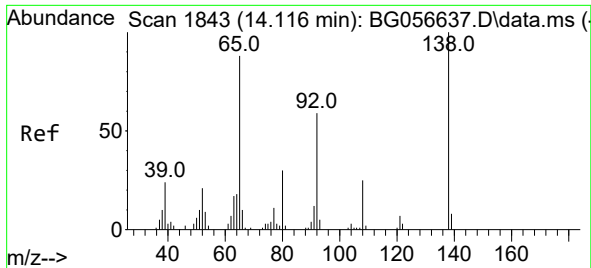
Tgt Ion:330 Resp: 87569  
Ion Ratio Lower Upper  
330 100  
332 95.7 75.7 113.5  
141 31.6 24.6 37.0



#45  
2-Fluorobiphenyl  
Concen: 83.846 ng  
RT: 13.669 min Scan# 1767  
Delta R.T. -0.006 min  
Lab File: BG056642.D  
Acq: 15 Feb 2023 21:18

Tgt Ion:172 Resp: 297676  
Ion Ratio Lower Upper  
172 100  
171 36.4 28.6 43.0  
170 24.1 19.4 29.0

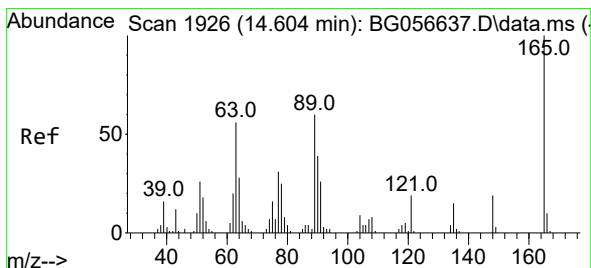
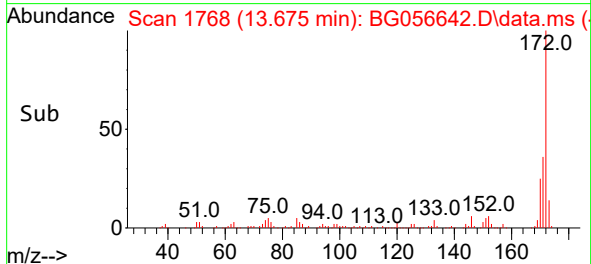
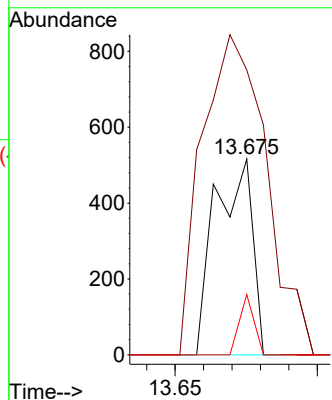
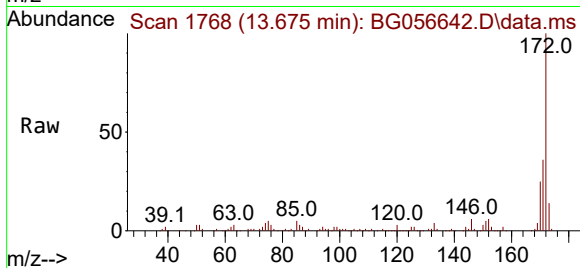




#48  
2-Nitroaniline  
Concen: 5.749 ng  
RT: 13.675 min Scan# 11  
Delta R.T. -0.441 min  
Lab File: BG056642.D  
Acq: 15 Feb 2023 21:18

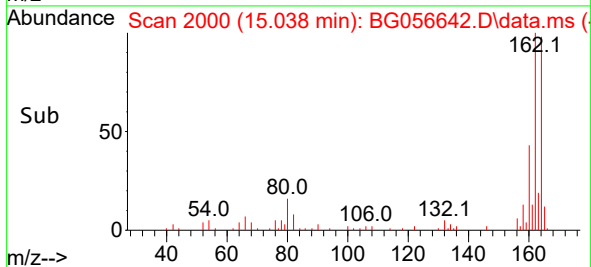
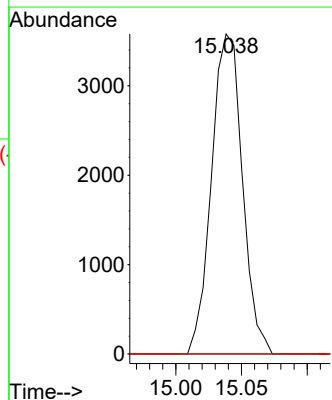
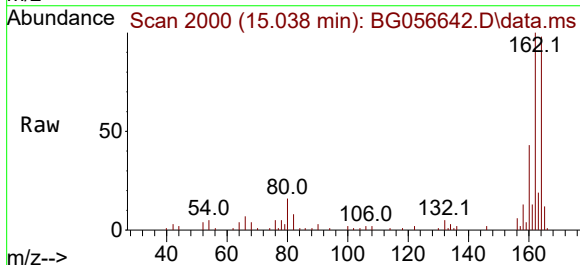
Instrument :  
BNA\_G  
ClientSampleId :  
PB150774BL

Tgt Ion: 65 Resp: 468  
Ion Ratio Lower Upper  
65 100  
92 145.5 53.8 80.6#  
138 30.8 90.6 135.8#

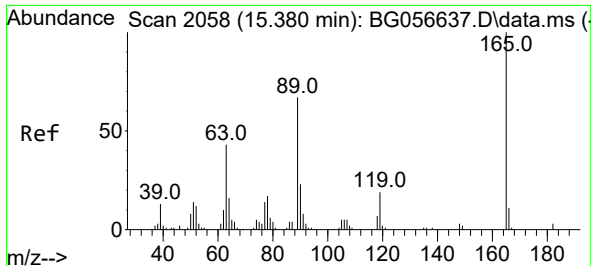


#51  
2,6-Dinitrotoluene  
Concen: 9.847 ng  
RT: 15.038 min Scan# 2000  
Delta R.T. 0.434 min  
Lab File: BG056642.D  
Acq: 15 Feb 2023 21:18

Tgt Ion:165 Resp: 5849  
Ion Ratio Lower Upper  
165 100  
63 0.0 45.8 68.8#  
89 0.0 48.2 72.2#







#57

2,4-Dinitrotoluene

Concen: 6.103 ng

RT: 15.038 min Scan# 2058

Delta R.T. -0.341 min

Lab File: BG056642.D

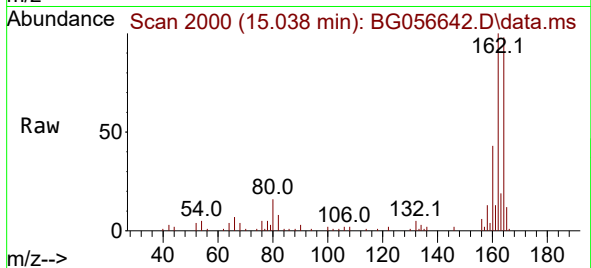
Acq: 15 Feb 2023 21:18

Instrument :

BNA\_G

ClientSampleId :

PB150774BL



Tgt Ion:165 Resp: 5849

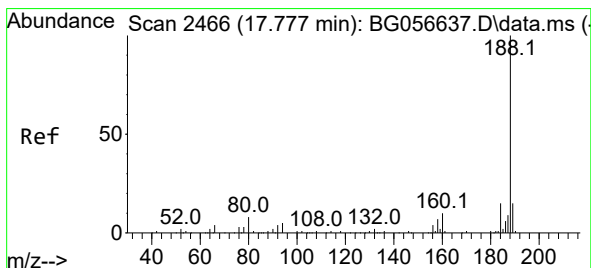
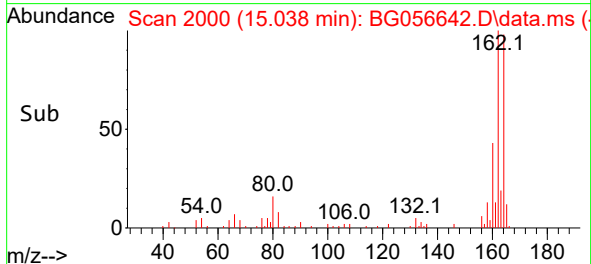
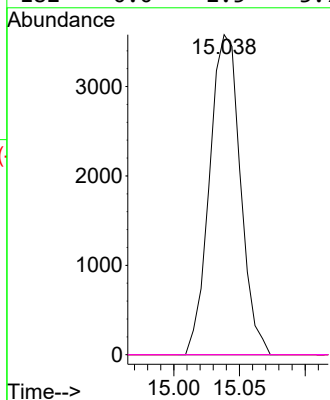
Ion Ratio Lower Upper

165 100

63 0.0 34.6 52.0#

89 0.0 53.8 80.8#

182 0.0 2.5 3.7#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.776 min Scan# 2466

Delta R.T. -0.001 min

Lab File: BG056642.D

Acq: 15 Feb 2023 21:18

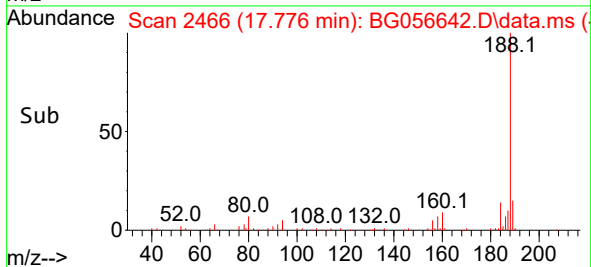
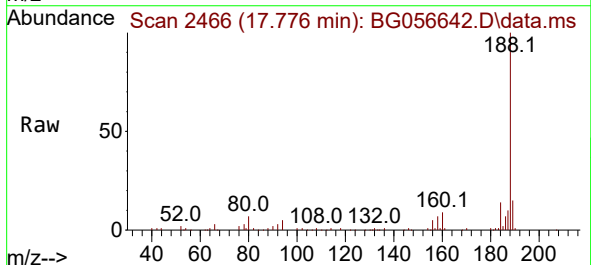
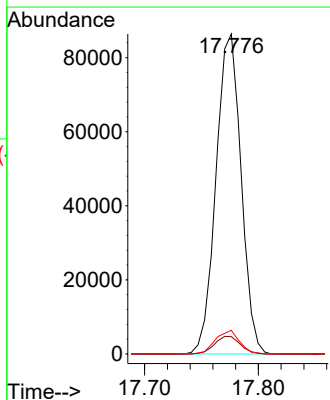
Tgt Ion:188 Resp: 132376

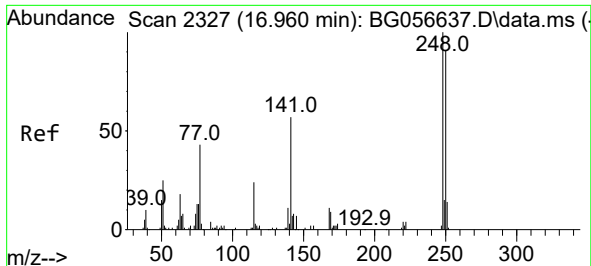
Ion Ratio Lower Upper

188 100

94 5.4 4.0 6.0

80 7.4 6.3 9.5

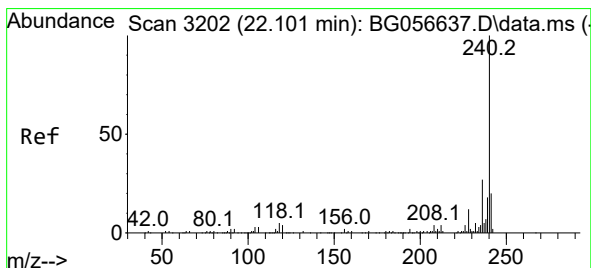
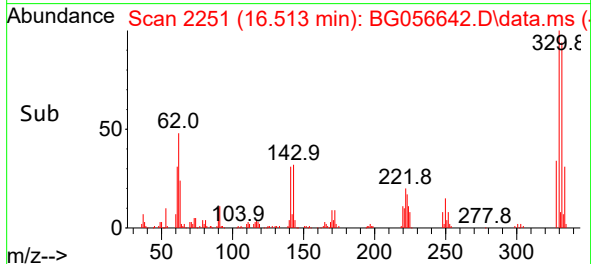
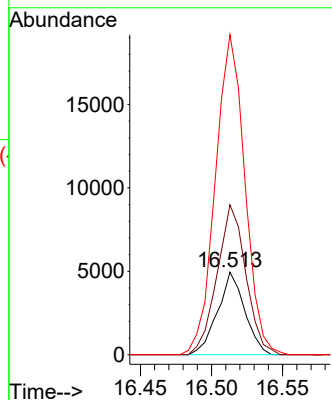
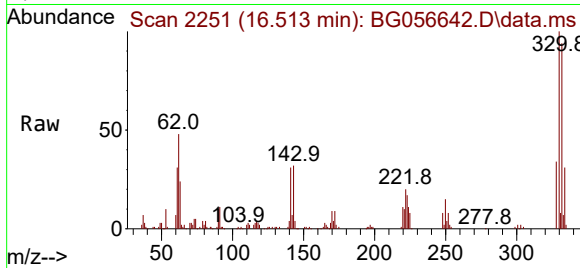




#67  
4-Bromophenyl-phenylether  
Concen: 3.873 ng  
RT: 16.513 min Scan# 21  
Delta R.T. -0.447 min  
Lab File: BG056642.D  
Acq: 15 Feb 2023 21:18

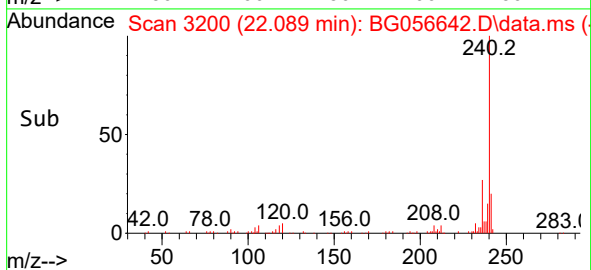
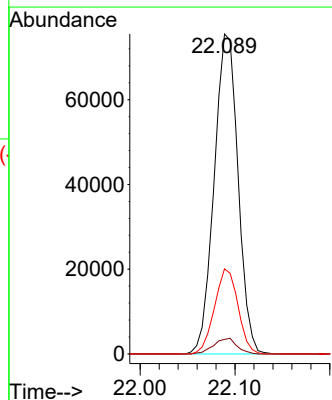
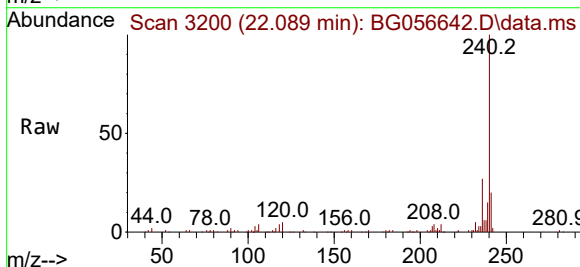
Instrument :  
BNA\_G  
ClientSampleId :  
PB150774BL

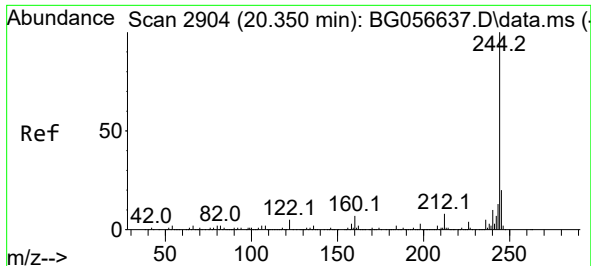
Tgt Ion:248 Resp: 6582  
Ion Ratio Lower Upper  
248 100  
250 181.7 73.0 109.6#  
141 387.8 45.6 68.4#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 22.089 min Scan# 3200  
Delta R.T. -0.012 min  
Lab File: BG056642.D  
Acq: 15 Feb 2023 21:18

Tgt Ion:240 Resp: 132170  
Ion Ratio Lower Upper  
240 100  
120 4.6 3.5 5.3  
236 26.6 21.5 32.3

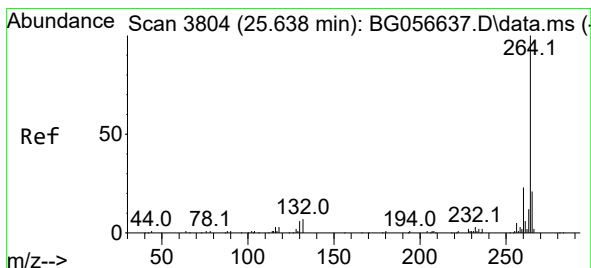
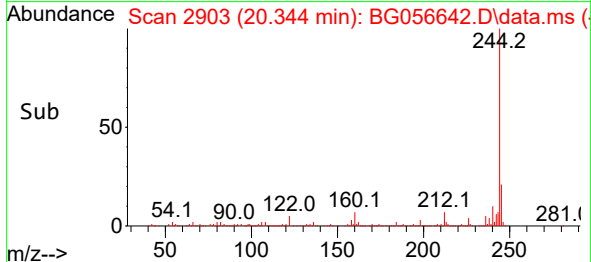
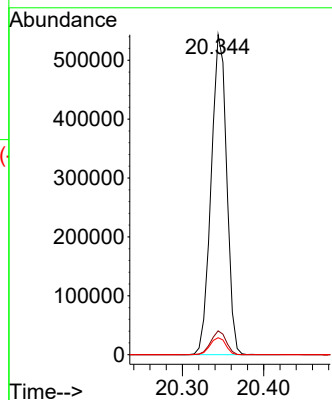
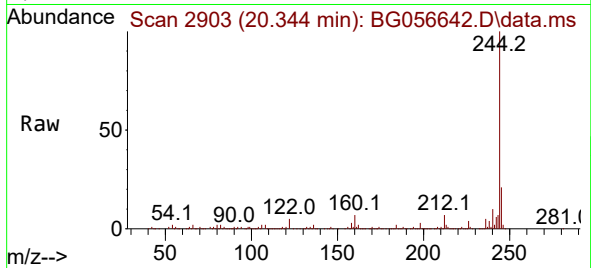




#79  
 Terphenyl-d14  
 Concen: 89.031 ng  
 RT: 20.344 min Scan# 2903  
 Delta R.T. -0.006 min  
 Lab File: BG056642.D  
 Acq: 15 Feb 2023 21:18

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB150774BL

Tgt Ion:244 Resp: 719220  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 6.0 9.0  
 122 5.3 3.8 5.8



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.632 min Scan# 3803  
 Delta R.T. -0.006 min  
 Lab File: BG056642.D  
 Acq: 15 Feb 2023 21:18

Tgt Ion:264 Resp: 142910  
 Ion Ratio Lower Upper  
 264 100  
 260 24.3 18.6 27.8  
 265 21.4 17.0 25.4

