

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121523\  
 Data File : BG060057.D  
 Acq On : 16 Dec 2023 6:03  
 Operator : MA/JU  
 Sample : 05796-07  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 RT-SB-04-14-15

Quant Time: Dec 18 00:10:32 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG121323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 14 01:47:12 2023  
 Response via : Initial Calibration

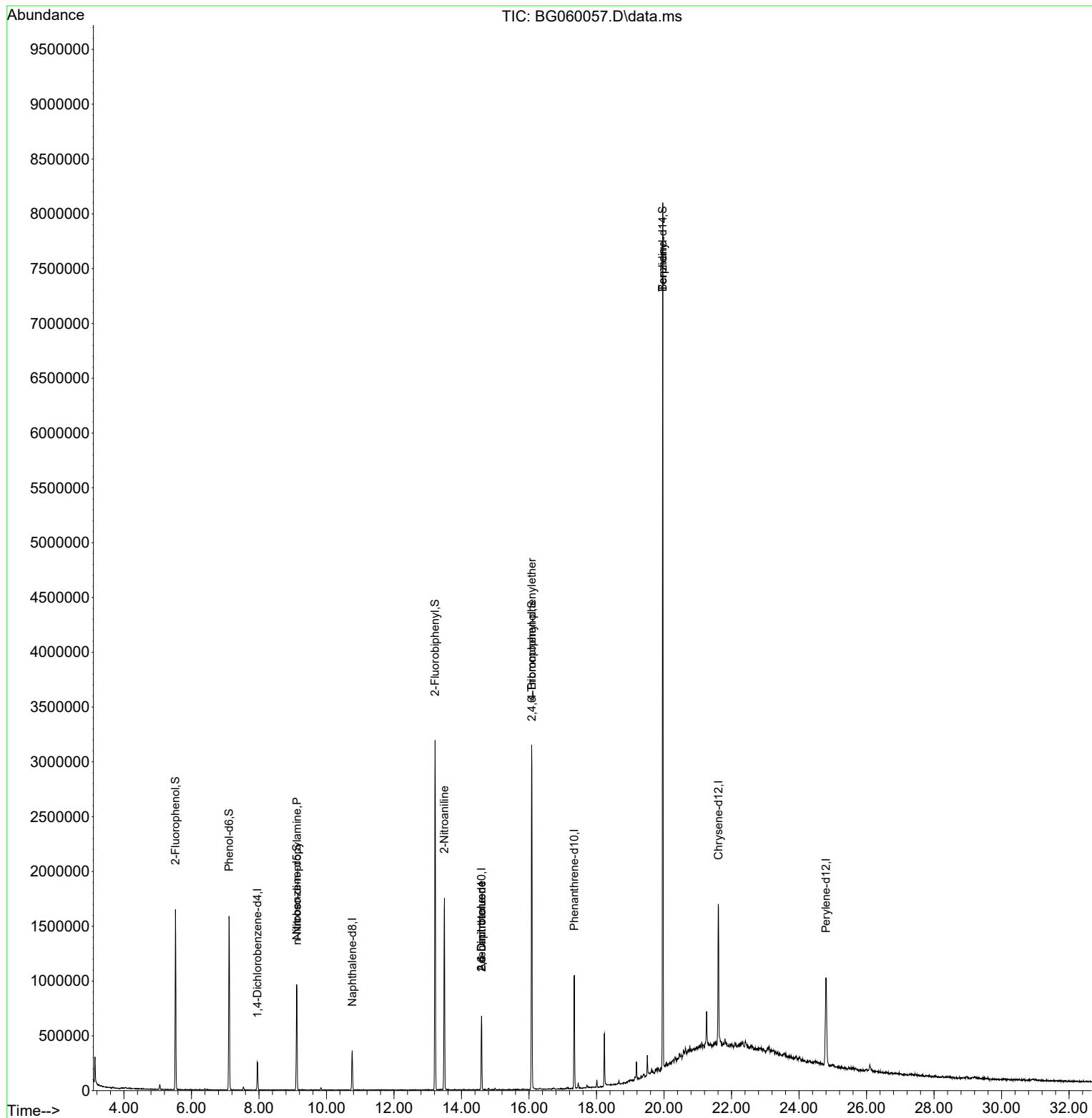
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.952  | 152  | 69000    | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.761 | 136  | 281523   | 20.000    | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.591 | 164  | 238857   | 20.000    | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.341 | 188  | 724073   | 20.000    | ng    | 0.00     |
| 76) Chrysene-d12              | 21.607 | 240  | 845390   | 20.000    | ng    | 0.00     |
| 86) Perylene-d12              | 24.797 | 264  | 980915   | 20.000    | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.526  | 112  | 578718   | 143.577   | ng    | 0.00     |
| 7) Phenol-d6                  | 7.112  | 99   | 823785   | 145.292   | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.116  | 82   | 544900   | 87.890    | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.084 | 330  | 760927   | 136.698   | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.217 | 172  | 1720827  | 88.175    | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.962 | 244  | 4009530  | 86.590    | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
|                               |        |      |          |           |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 9.121  | 70   | 78325    | 21.412    | ng    | # 79     |
| 48) 2-Nitroaniline            | 13.493 | 65   | 37989    | 11.472    | ng    | # 13     |
| 51) 2,6-Dinitrotoluene        | 14.591 | 165  | 33557    | 8.737     | ng    | # 24     |
| 57) 2,4-Dinitrotoluene        | 14.591 | 165  | 33557    | 6.216     | ng    | # 27     |
| 67) 4-Bromophenyl-phenylether | 16.078 | 248  | 47276    | 4.628     | ng    | # 1      |
| 69) Atrazine                  | 16.401 | 200  | 107      | Below Cal |       | 82       |
| 77) Benzidine                 | 19.962 | 184  | 66296    | 6.105     | ng    | # 95     |
| -----                         |        |      |          |           |       |          |

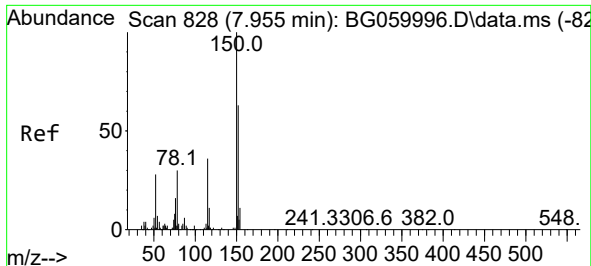
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121523\  
Data File : BG060057.D  
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ALS Vial : 28 Sample Multiplier: 1

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BNA\_G  
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Quant Time: Dec 18 00:10:32 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG121323.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 14 01:47:12 2023  
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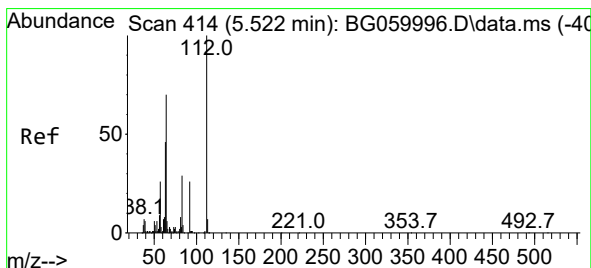
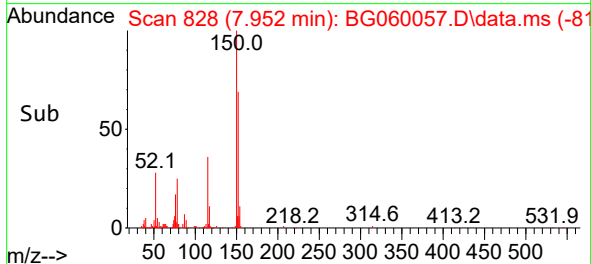
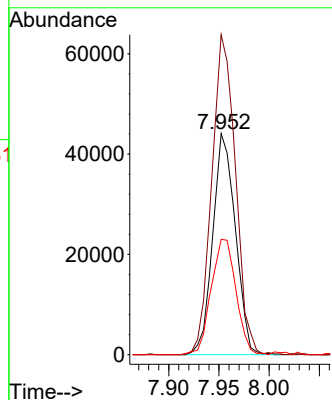
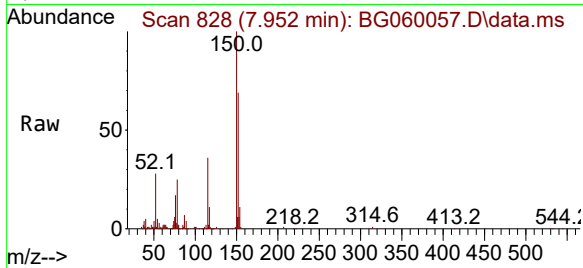




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.952 min Scan# 81  
 Delta R.T. -0.003 min  
 Lab File: BG060057.D  
 Acq: 16 Dec 2023 6:03

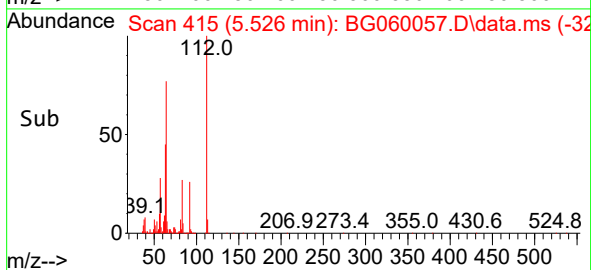
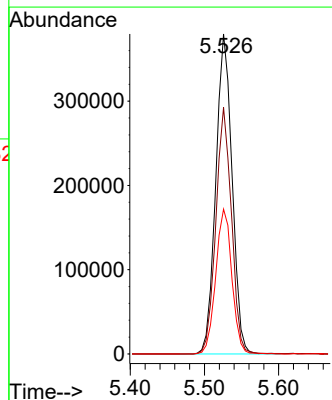
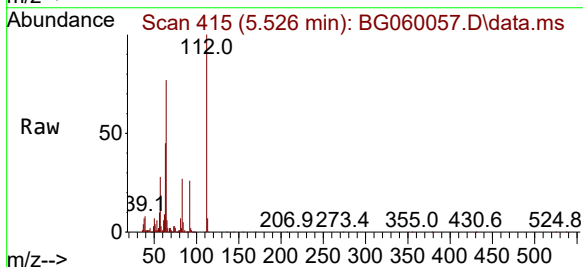
Instrument :  
 BNA\_G  
 ClientSampleId :  
 RT-SB-04-14-15

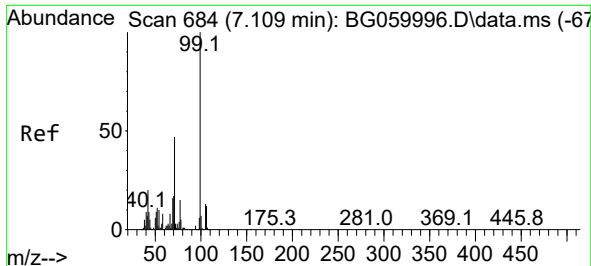
Tgt Ion:152 Resp: 69000  
 Ion Ratio Lower Upper  
 152 100  
 150 144.7 127.0 190.6  
 115 52.1 45.7 68.5



#5  
 2-Fluorophenol  
 Concen: 143.577 ng  
 RT: 5.526 min Scan# 415  
 Delta R.T. 0.004 min  
 Lab File: BG060057.D  
 Acq: 16 Dec 2023 6:03

Tgt Ion:112 Resp: 578718  
 Ion Ratio Lower Upper  
 112 100  
 64 77.1 55.9 83.9  
 63 45.3 36.5 54.7

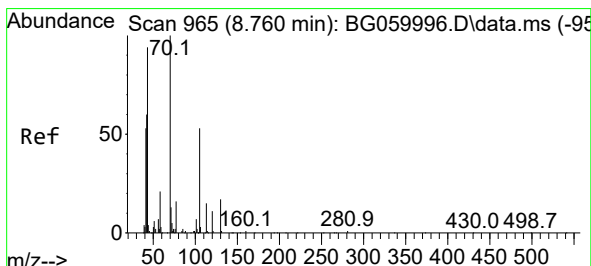
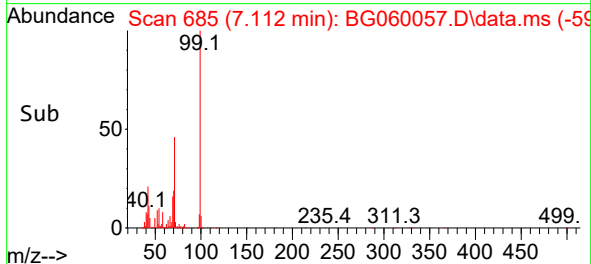
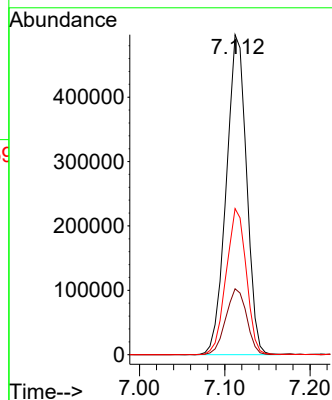
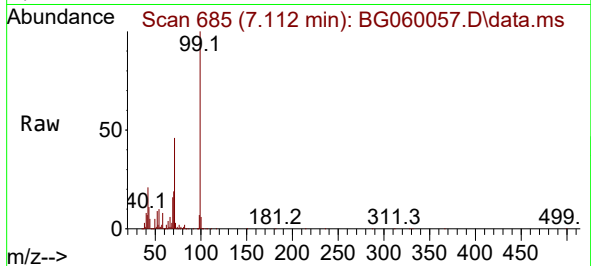




#7  
Phenol-d6  
Concen: 145.292 ng  
RT: 7.112 min Scan# 61  
Delta R.T. 0.003 min  
Lab File: BG060057.D  
Acq: 16 Dec 2023 6:03

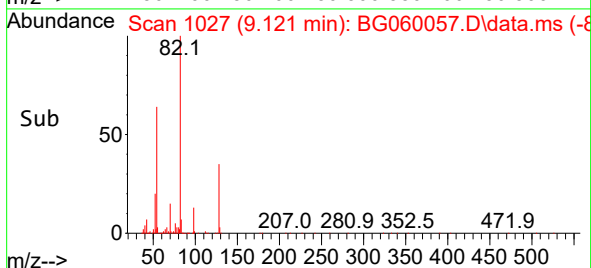
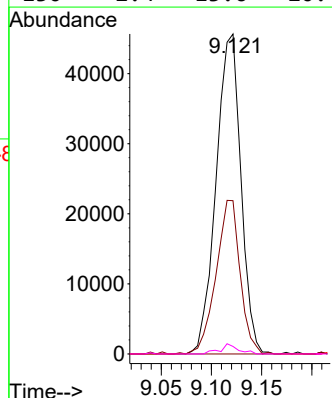
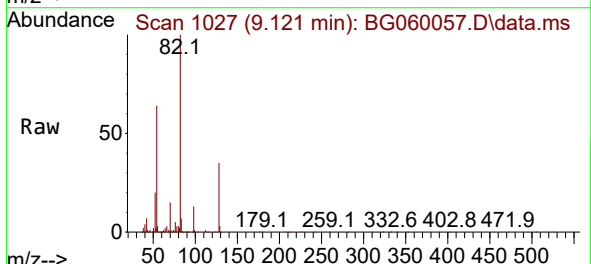
Instrument :  
BNA\_G  
ClientSampleId :  
RT-SB-04-14-15

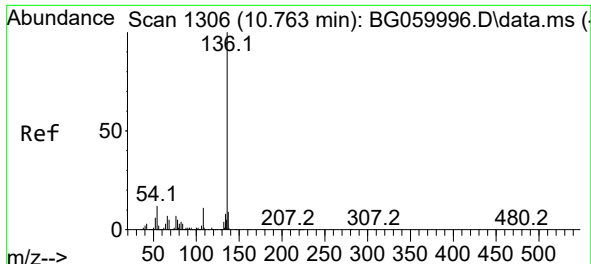
Tgt Ion: 99 Resp: 823785  
Ion Ratio Lower Upper  
99 100  
42 20.6 16.2 24.4  
71 45.7 37.6 56.4



#19  
n-Nitroso-di-n-propylamine  
Concen: 21.412 ng  
RT: 9.121 min Scan# 1027  
Delta R.T. 0.362 min  
Lab File: BG060057.D  
Acq: 16 Dec 2023 6:03

Tgt Ion: 70 Resp: 78325  
Ion Ratio Lower Upper  
70 100  
42 47.9 48.6 73.0#  
101 0.0 5.7 8.5#  
130 2.4 13.6 20.4#

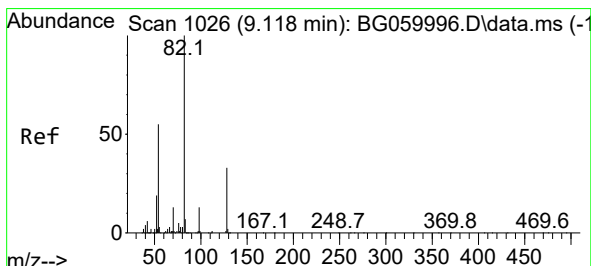
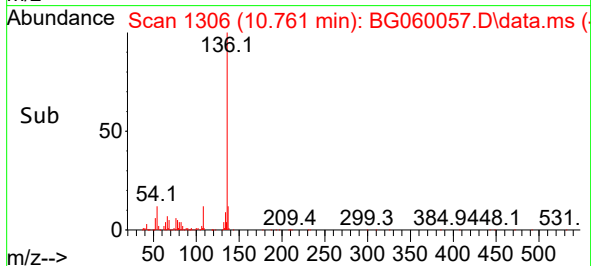
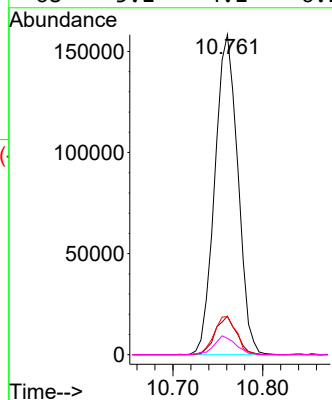
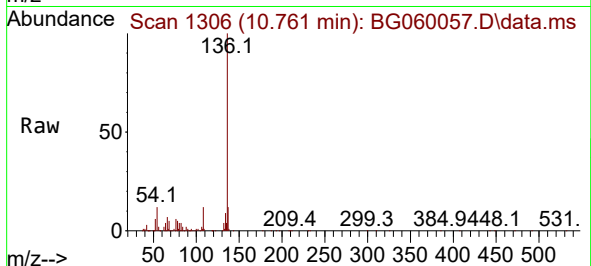




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.761 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: BG060057.D  
Acq: 16 Dec 2023 6:03

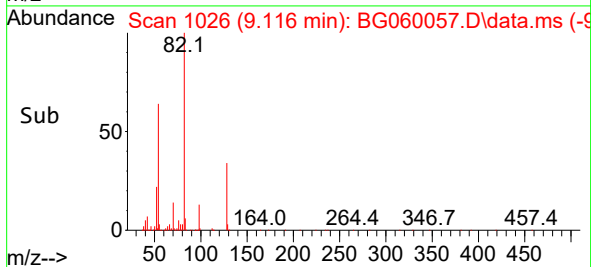
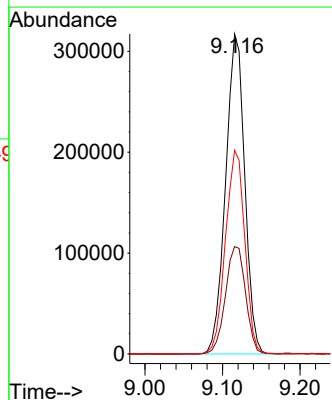
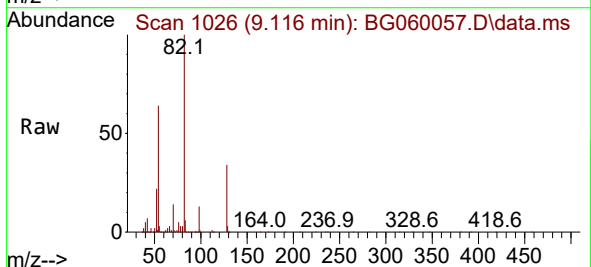
Instrument :  
BNA\_G  
ClientSampleId :  
RT-SB-04-14-15

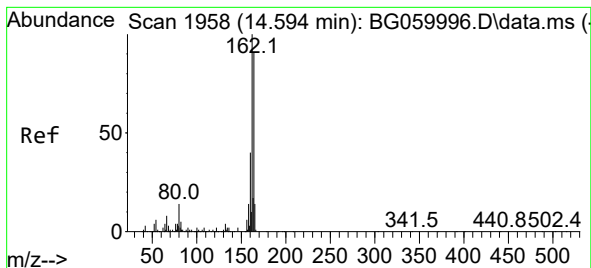
Tgt Ion:136 Resp: 281523  
Ion Ratio Lower Upper  
136 100  
137 12.1 7.3 10.9#  
54 11.9 9.6 14.4  
68 5.1 4.1 6.1



#23  
Nitrobenzene-d5  
Concen: 87.890 ng  
RT: 9.116 min Scan# 1026  
Delta R.T. -0.003 min  
Lab File: BG060057.D  
Acq: 16 Dec 2023 6:03

Tgt Ion: 82 Resp: 544900  
Ion Ratio Lower Upper  
82 100  
128 33.5 26.3 39.5  
54 63.7 44.3 66.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.591 min Scan# 1958

Delta R.T. -0.003 min

Lab File: BG060057.D

Acq: 16 Dec 2023 6:03

Instrument :

BNA\_G

ClientSampleId :

RT-SB-04-14-15

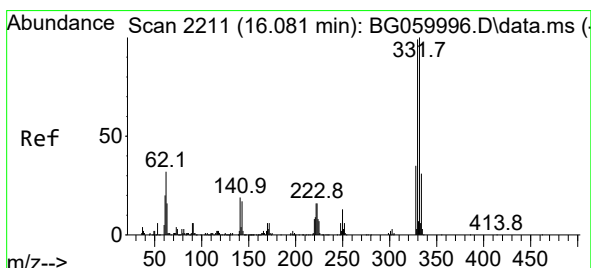
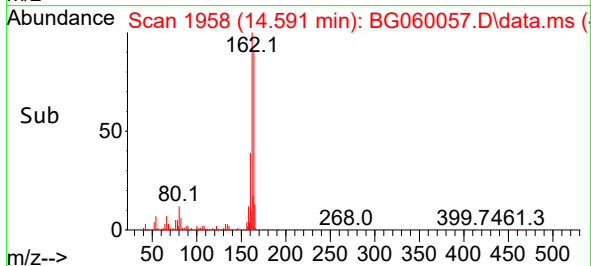
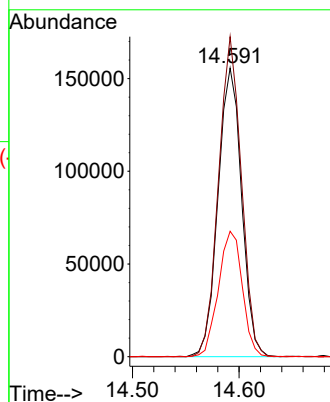
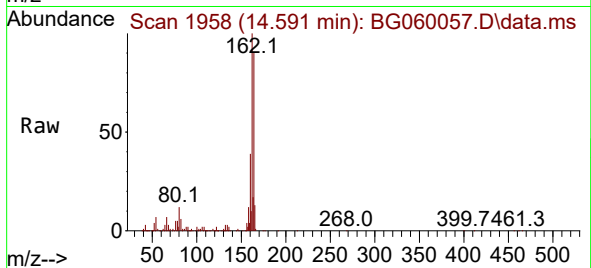
Tgt Ion:164 Resp: 238857

Ion Ratio Lower Upper

164 100

162 110.9 88.1 132.1

160 43.5 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 136.698 ng

RT: 16.084 min Scan# 2212

Delta R.T. 0.003 min

Lab File: BG060057.D

Acq: 16 Dec 2023 6:03

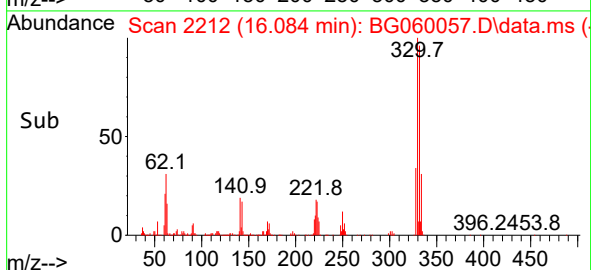
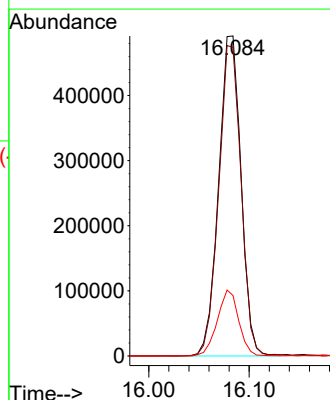
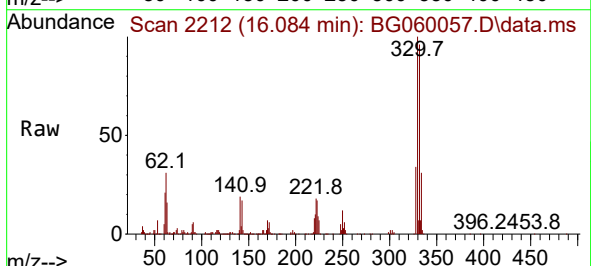
Tgt Ion:330 Resp: 760927

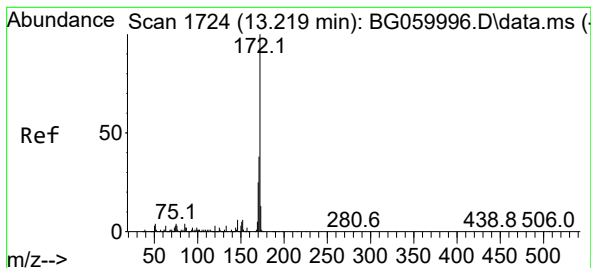
Ion Ratio Lower Upper

330 100

332 96.7 76.2 114.4

141 19.8 14.3 21.5

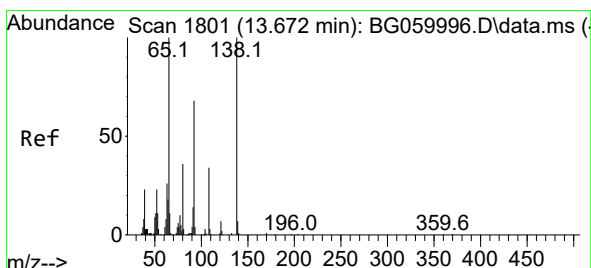
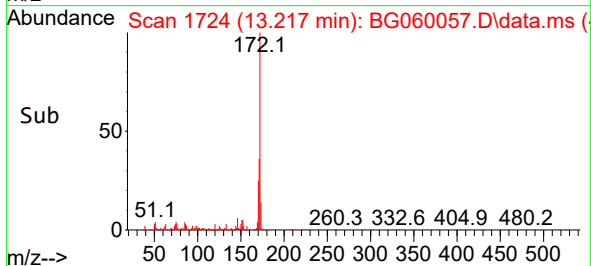
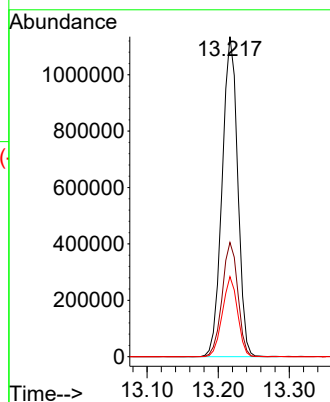
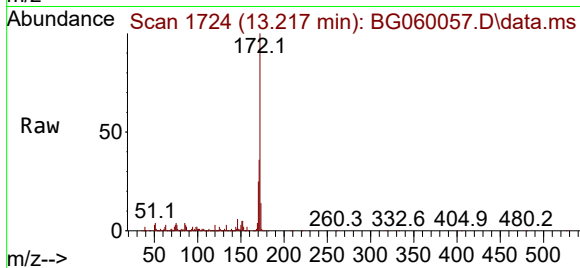




#45  
2-Fluorobiphenyl  
Concen: 88.175 ng  
RT: 13.217 min Scan# 1771  
Delta R.T. -0.003 min  
Lab File: BG060057.D  
Acq: 16 Dec 2023 6:03

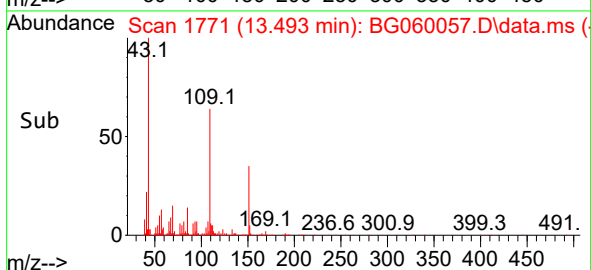
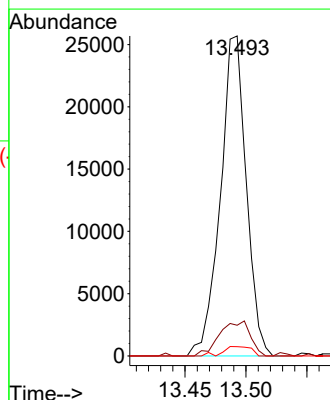
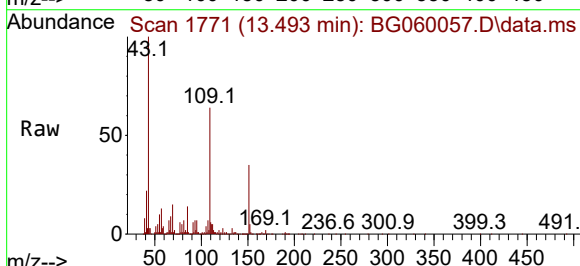
Instrument :  
BNA\_G  
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RT-SB-04-14-15

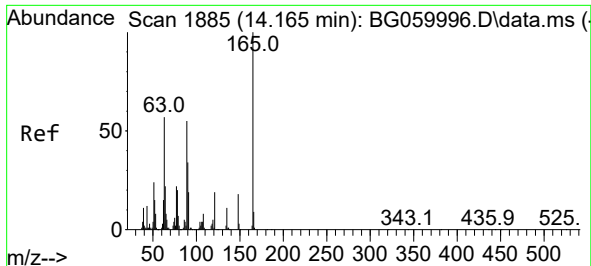
Tgt Ion:172 Resp: 1720827  
Ion Ratio Lower Upper  
172 100  
171 35.7 30.1 45.1  
170 25.0 20.0 30.0



#48  
2-Nitroaniline  
Concen: 11.472 ng  
RT: 13.493 min Scan# 1771  
Delta R.T. -0.179 min  
Lab File: BG060057.D  
Acq: 16 Dec 2023 6:03

Tgt Ion: 65 Resp: 37989  
Ion Ratio Lower Upper  
65 100  
92 9.6 54.6 81.8#  
138 2.9 80.2 120.2#

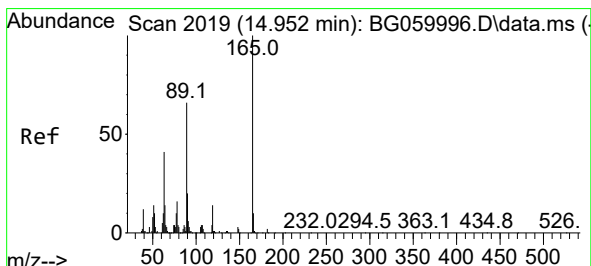
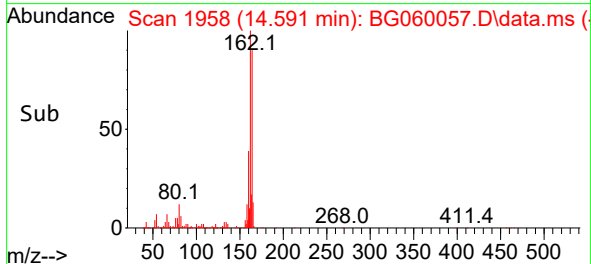
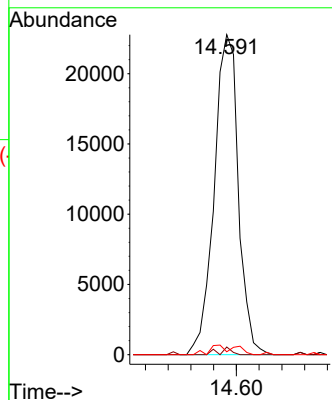
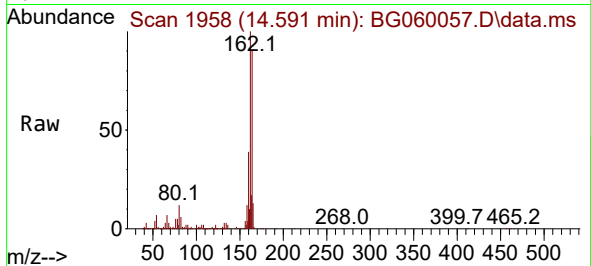




#51  
2,6-Dinitrotoluene  
Concen: 8.737 ng  
RT: 14.591 min Scan# 1958  
Delta R.T. 0.426 min  
Lab File: BG060057.D  
Acq: 16 Dec 2023 6:03

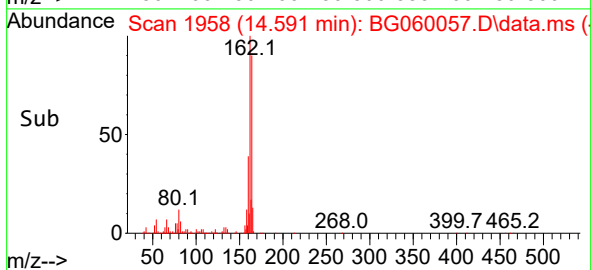
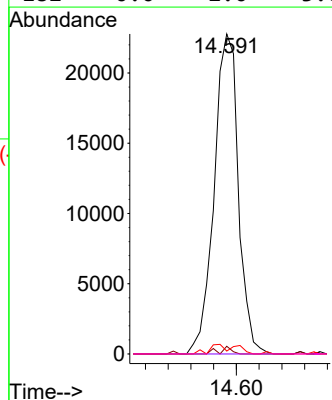
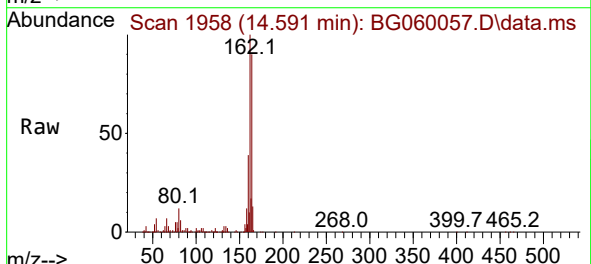
Instrument :  
BNA\_G  
ClientSampleId :  
RT-SB-04-14-15

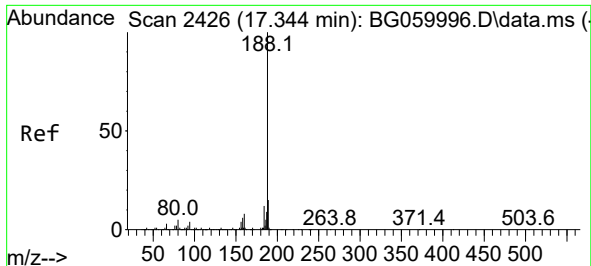
Tgt Ion:165 Resp: 33557  
Ion Ratio Lower Upper  
165 100  
63 2.4 48.2 72.2#  
89 0.9 44.4 66.6#



#57  
2,4-Dinitrotoluene  
Concen: 6.216 ng  
RT: 14.591 min Scan# 1958  
Delta R.T. -0.361 min  
Lab File: BG060057.D  
Acq: 16 Dec 2023 6:03

Tgt Ion:165 Resp: 33557  
Ion Ratio Lower Upper  
165 100  
63 2.4 32.8 49.2#  
89 0.9 53.0 79.6#  
182 0.0 2.0 3.0#

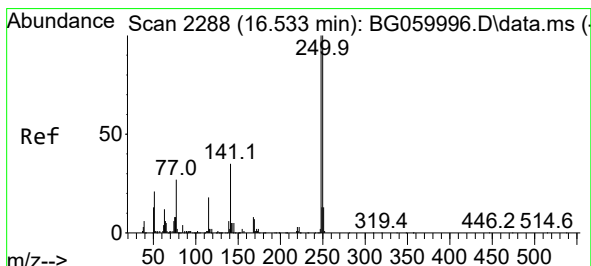
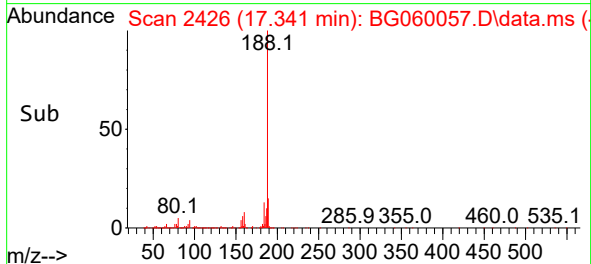
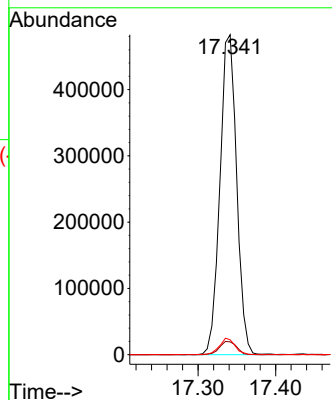
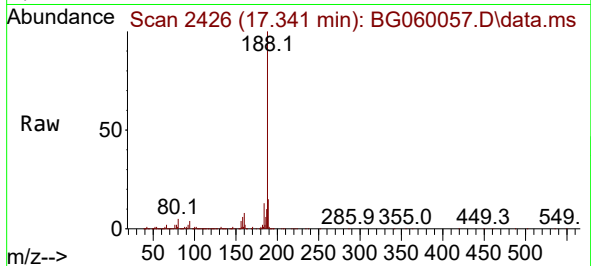




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.341 min Scan# 2426  
Delta R.T. -0.003 min  
Lab File: BG060057.D  
Acq: 16 Dec 2023 6:03

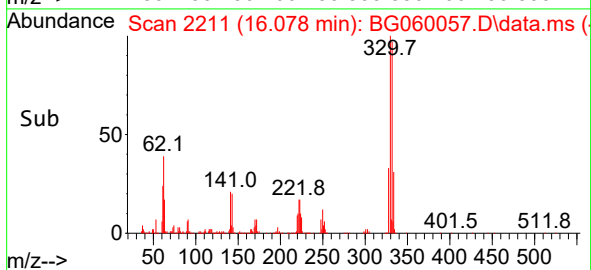
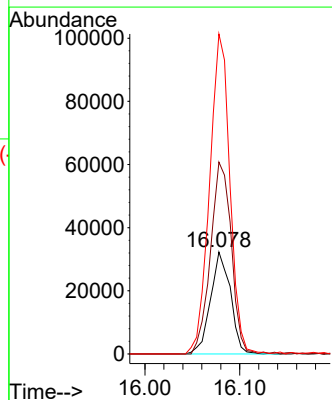
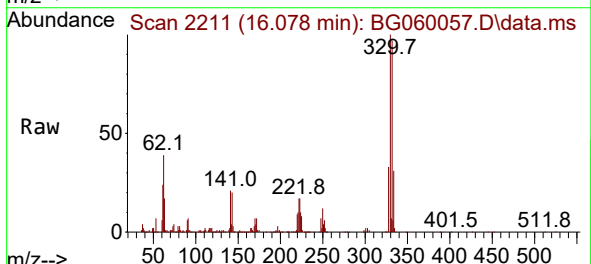
Instrument :  
BNA\_G  
ClientSampleId :  
RT-SB-04-14-15

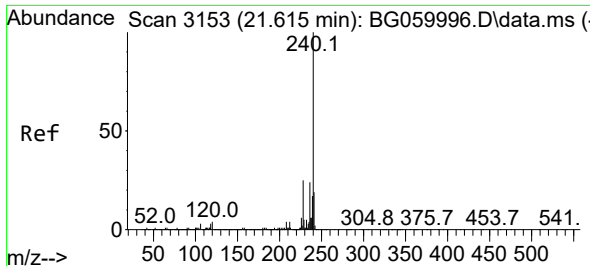
Tgt Ion:188 Resp: 724073  
Ion Ratio Lower Upper  
188 100  
94 4.0 3.0 4.6  
80 4.6 4.0 6.0



#67  
4-Bromophenyl-phenylether  
Concen: 4.628 ng  
RT: 16.078 min Scan# 2211  
Delta R.T. -0.455 min  
Lab File: BG060057.D  
Acq: 16 Dec 2023 6:03

Tgt Ion:248 Resp: 47276  
Ion Ratio Lower Upper  
248 100  
250 188.2 79.9 119.9#  
141 314.0 28.3 42.5#

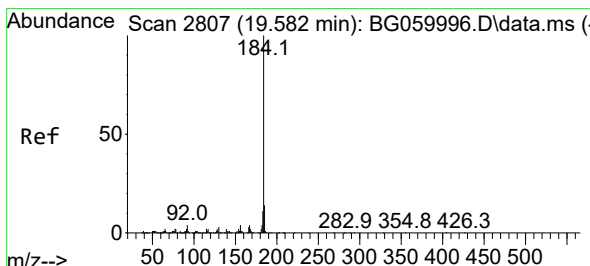
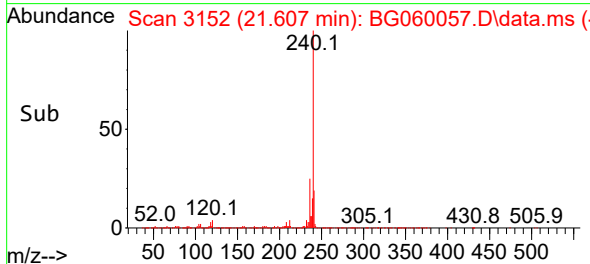
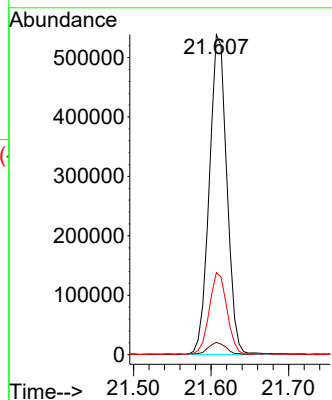
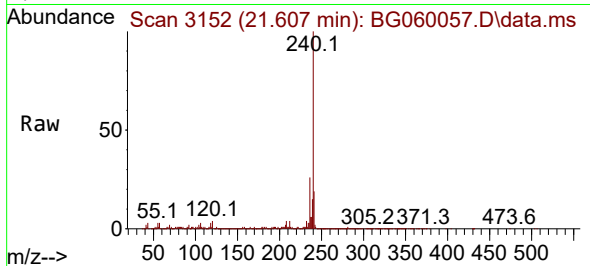




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.607 min Scan# 3153  
Delta R.T. -0.008 min  
Lab File: BG060057.D  
Acq: 16 Dec 2023 6:03

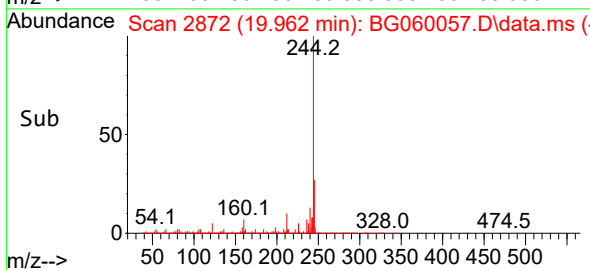
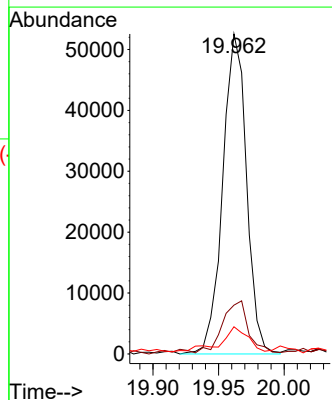
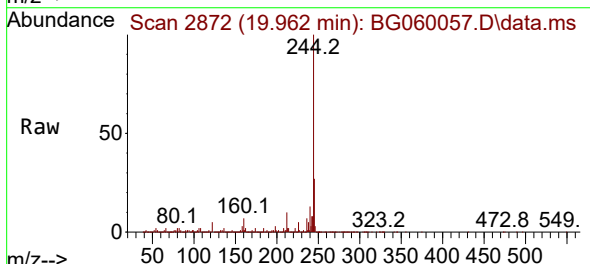
Instrument :  
BNA\_G  
ClientSampleId :  
RT-SB-04-14-15

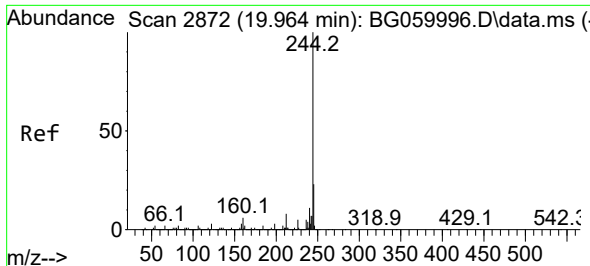
Tgt Ion:240 Resp: 845390  
Ion Ratio Lower Upper  
240 100  
120 3.9 2.9 4.3  
236 25.7 19.4 29.2



#77  
Benzidine  
Concen: 6.105 ng  
RT: 19.962 min Scan# 2872  
Delta R.T. 0.379 min  
Lab File: BG060057.D  
Acq: 16 Dec 2023 6:03

Tgt Ion:184 Resp: 66296  
Ion Ratio Lower Upper  
184 100  
185 15.2 11.1 16.7  
183 8.5 9.0 13.4#

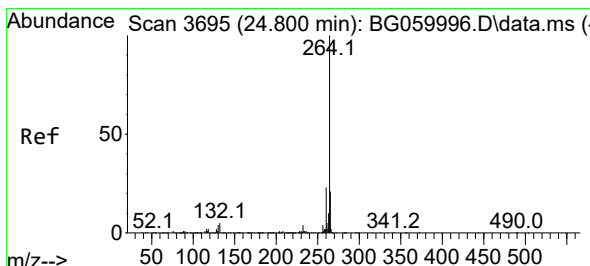
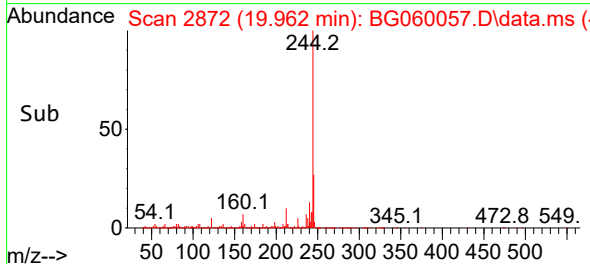
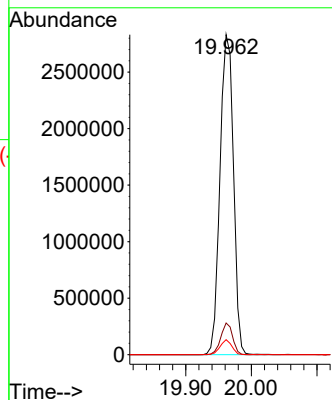
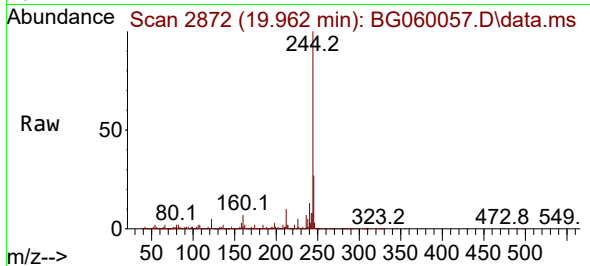




#79  
 Terphenyl-d14  
 Concen: 86.590 ng  
 RT: 19.962 min Scan# 21  
 Delta R.T. -0.003 min  
 Lab File: BG060057.D  
 Acq: 16 Dec 2023 6:03

Instrument :  
 BNA\_G  
 ClientSampleId :  
 RT-SB-04-14-15

Tgt Ion:244 Resp: 4009530  
 Ion Ratio Lower Upper  
 244 100  
 212 9.9 6.8 10.2  
 122 4.7 2.6 3.8#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.797 min Scan# 3695  
 Delta R.T. -0.003 min  
 Lab File: BG060057.D  
 Acq: 16 Dec 2023 6:03

Tgt Ion:264 Resp: 980915  
 Ion Ratio Lower Upper  
 264 100  
 260 22.3 18.5 27.7  
 265 20.3 17.3 25.9

