

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121523\  
 Data File : BG060062.D  
 Acq On : 16 Dec 2023 9:24  
 Operator : MA/JU  
 Sample : 05791-10  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-1B-A-J

Quant Time: Dec 18 00:11:46 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

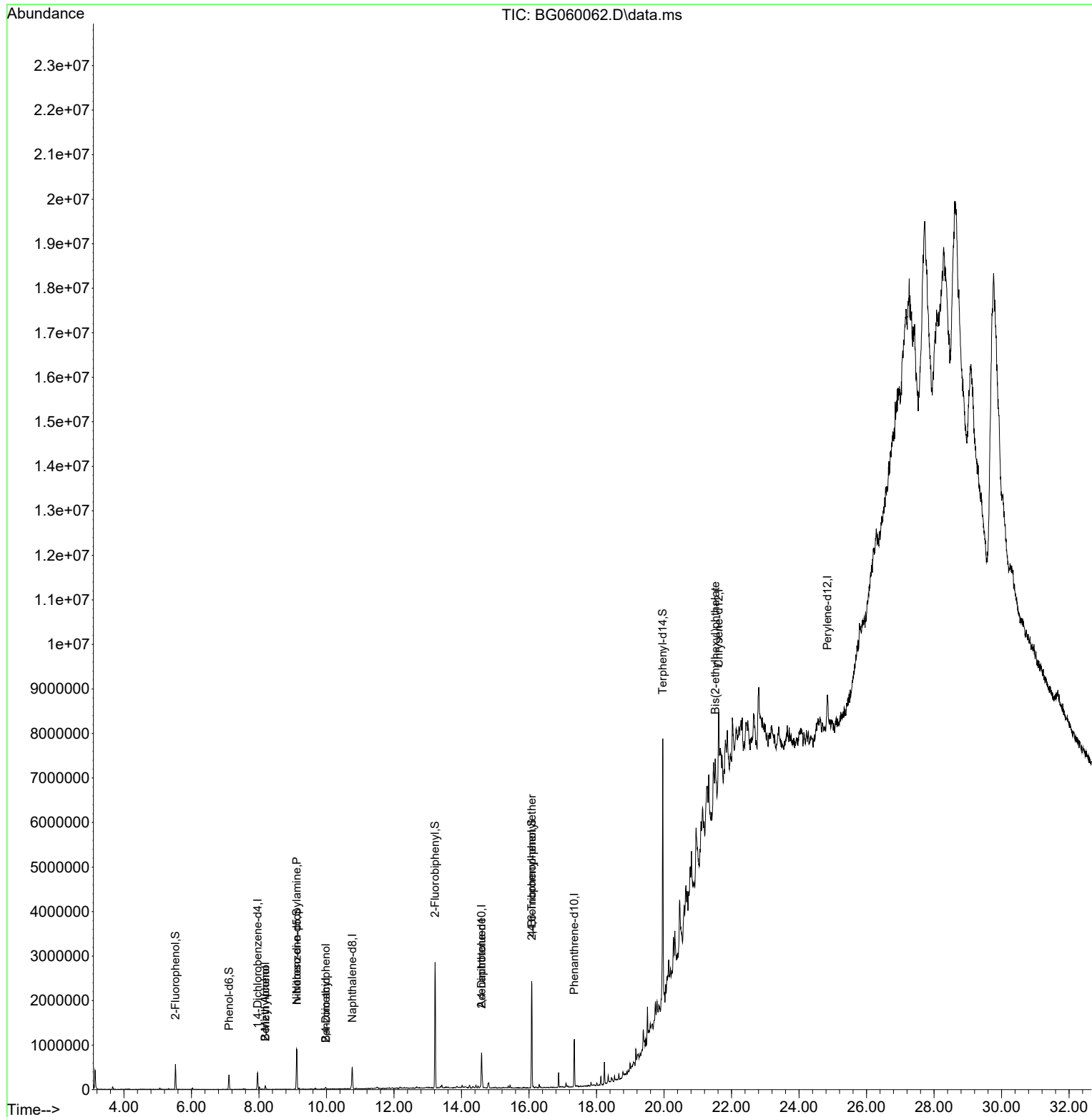
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.958  | 152  | 102771   | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.760 | 136  | 387529   | 20.000    | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.591 | 164  | 274789   | 20.000    | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.341 | 188  | 731200   | 20.000    | ng    | 0.00     |
| 76) Chrysene-d12              | 21.618 | 240  | 919396   | 20.000    | ng    | 0.00     |
| 86) Perylene-d12              | 24.838 | 264  | 971296   | 20.000    | ng    | 0.04     |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.525  | 112  | 209984   | 34.977    | ng    | 0.00     |
| 7) Phenol-d6                  | 7.112  | 99   | 169586   | 20.082    | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.115  | 82   | 530894   | 62.207    | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.084 | 330  | 577248   | 90.141    | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.216 | 172  | 1554297  | 69.228    | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.961 | 244  | 3088529  | 61.331    | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
|                               |        |      |          |           |       | Qvalue   |
| 15) Benzyl Alcohol            | 8.187  | 79   | 26076    | 3.842     | ng    | 89       |
| 17) 2-Methylphenol            | 8.187  | 107  | 11978    | 2.118     | ng    | # 1      |
| 19) n-Nitroso-di-n-propyla... | 9.115  | 70   | 74042    | 13.590    | ng    | # 79     |
| 27) 2,4-Dimethylphenol        | 9.979  | 122  | 13376    | 3.062     | ng    | # 2      |
| 32) Benzoic acid              | 9.979  | 122  | 13376    | 3.367     | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 14.591 | 165  | 38808    | 6.248     | ng    | # 28     |
| 67) 4-Bromophenyl-phenylether | 16.078 | 248  | 36228    | 3.512     | ng    | # 1      |
| 69) Atrazine                  | 16.977 | 200  | 735      | Below Cal |       | 83       |
| 84) Bis(2-ethylhexyl)phtha... | 21.518 | 149  | 196932   | 12.980    | ng    | 93       |
| -----                         |        |      |          |           |       |          |

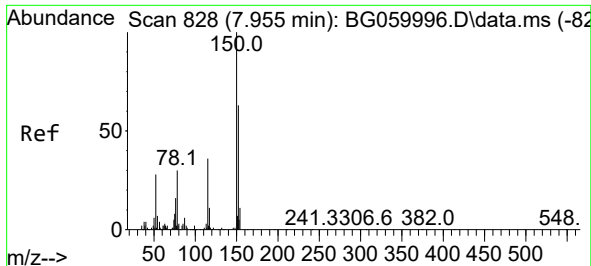
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121523\  
Data File : BG060062.D  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 14 01:47:12 2023  
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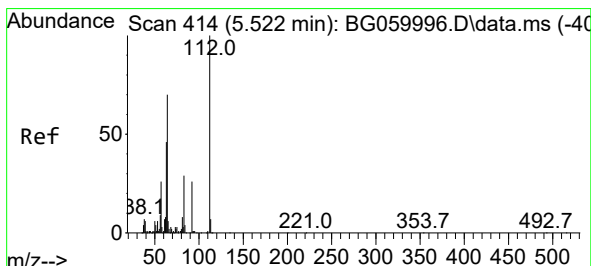
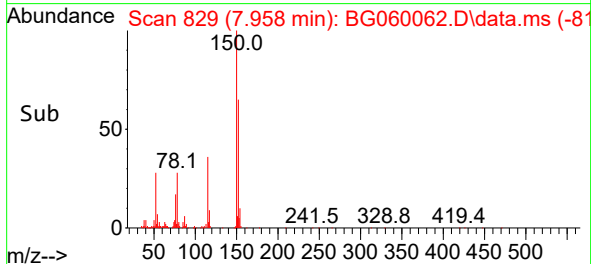
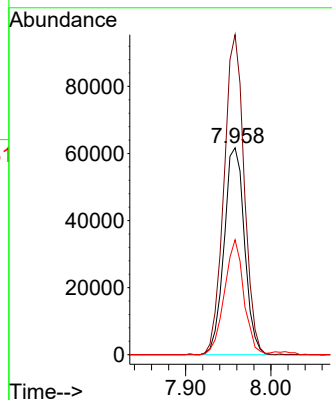
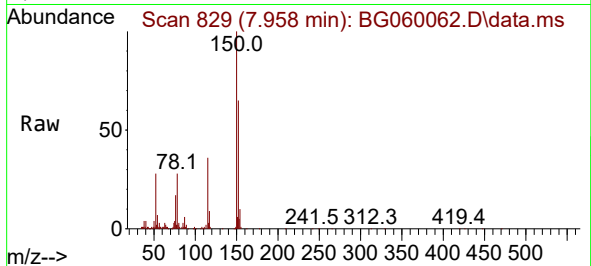




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.958 min Scan# 81  
Delta R.T. 0.003 min  
Lab File: BG060062.D  
Acq: 16 Dec 2023 9:24

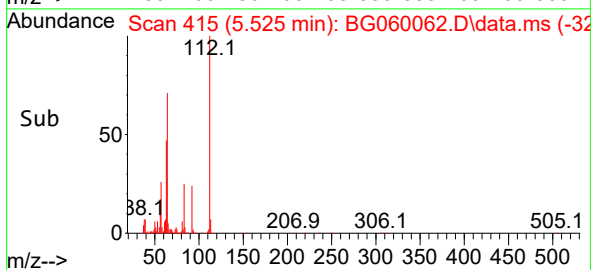
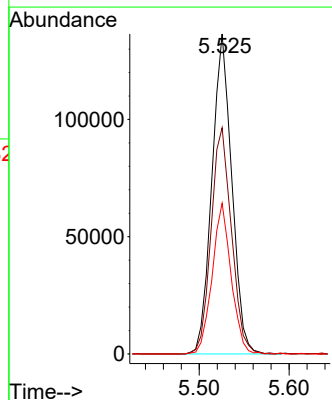
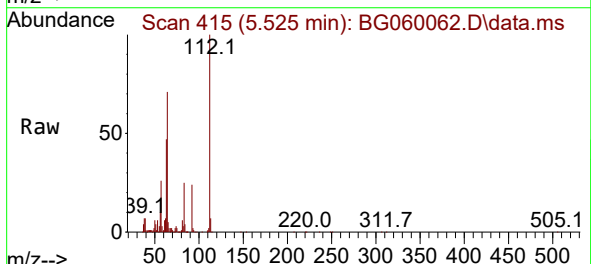
Instrument :  
BNA\_G  
ClientSampleId :  
MW-1B-A-J

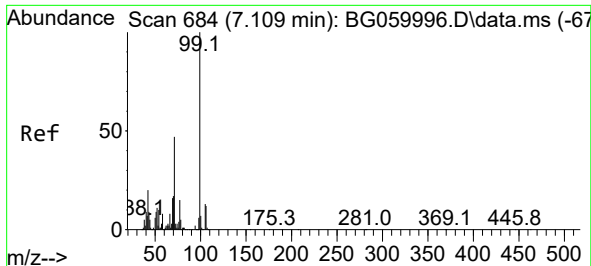
Tgt Ion:152 Resp: 102771  
Ion Ratio Lower Upper  
152 100  
150 154.7 127.0 190.6  
115 55.6 45.7 68.5



#5  
2-Fluorophenol  
Concen: 34.977 ng  
RT: 5.525 min Scan# 415  
Delta R.T. 0.003 min  
Lab File: BG060062.D  
Acq: 16 Dec 2023 9:24

Tgt Ion:112 Resp: 209984  
Ion Ratio Lower Upper  
112 100  
64 70.7 55.9 83.9  
63 47.1 36.5 54.7

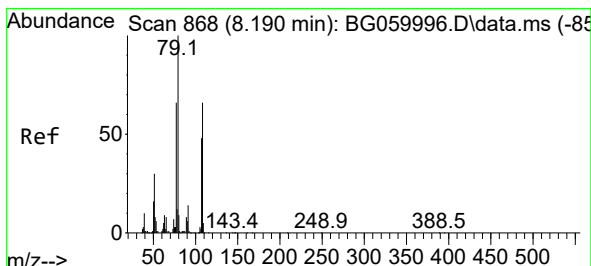
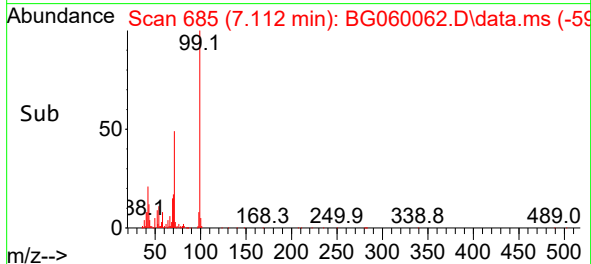
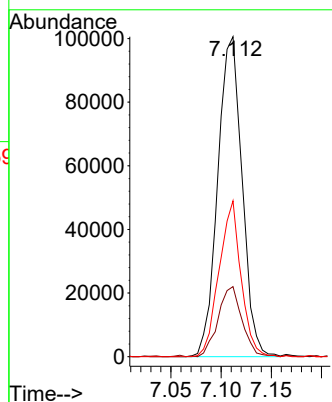
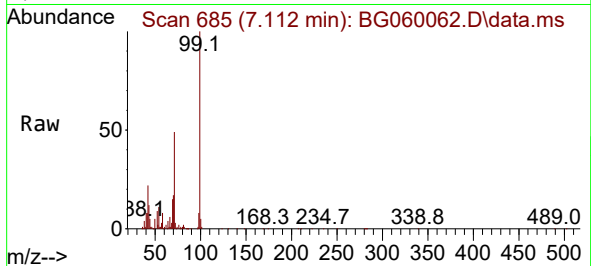




#7  
Phenol-d6  
Concen: 20.082 ng  
RT: 7.112 min Scan# 61  
Delta R.T. 0.003 min  
Lab File: BG060062.D  
Acq: 16 Dec 2023 9:24

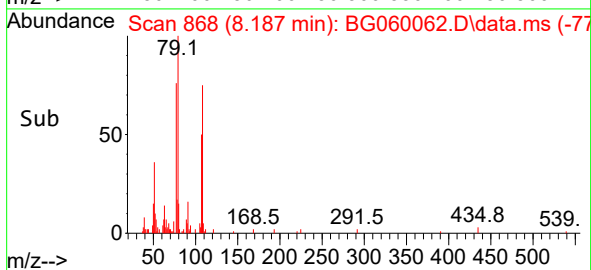
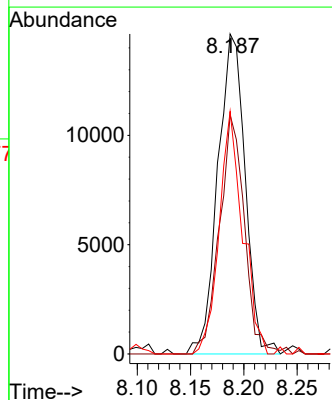
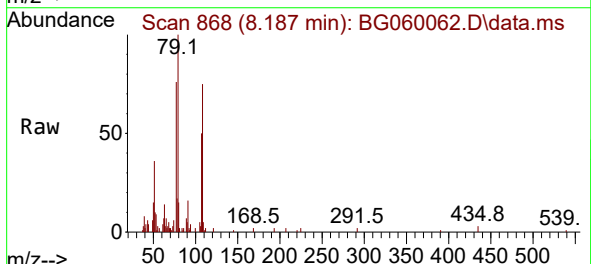
Instrument :  
BNA\_G  
ClientSampleId :  
MW-1B-A-J

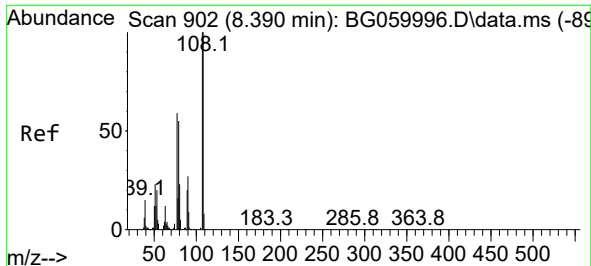
Tgt Ion: 99 Resp: 169586  
Ion Ratio Lower Upper  
99 100  
42 21.9 16.2 24.4  
71 48.7 37.6 56.4



#15  
Benzyl Alcohol  
Concen: 3.842 ng  
RT: 8.187 min Scan# 868  
Delta R.T. -0.003 min  
Lab File: BG060062.D  
Acq: 16 Dec 2023 9:24

Tgt Ion: 79 Resp: 26076  
Ion Ratio Lower Upper  
79 100  
108 74.8 53.1 79.7  
77 75.8 52.8 79.2

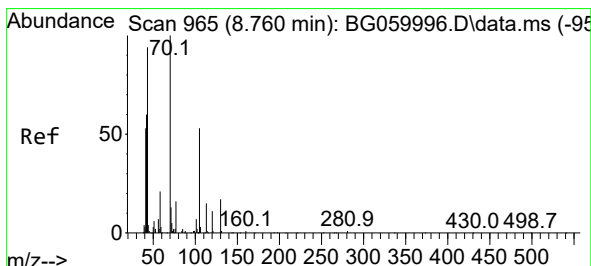
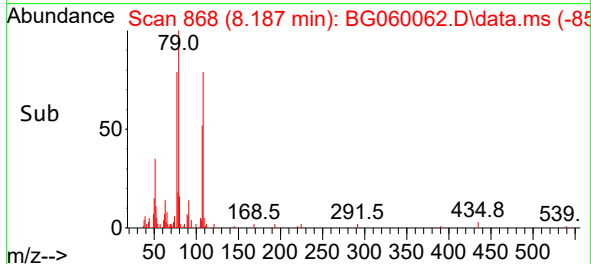
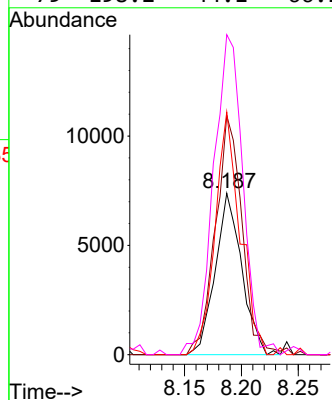
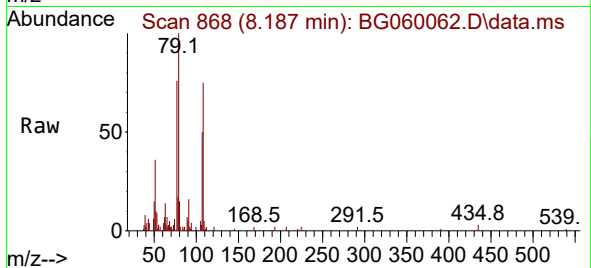




#17  
2-Methylphenol  
Concen: 2.118 ng  
RT: 8.187 min Scan# 80  
Delta R.T. -0.203 min  
Lab File: BG060062.D  
Acq: 16 Dec 2023 9:24

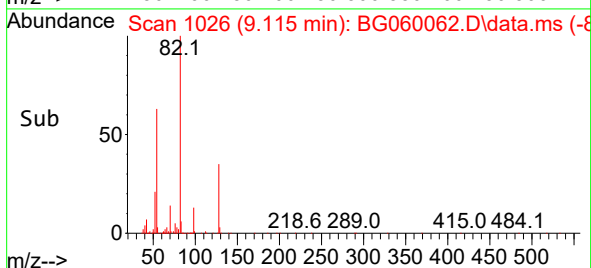
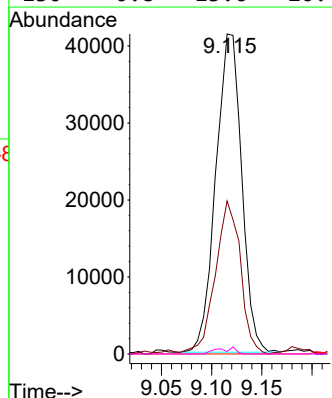
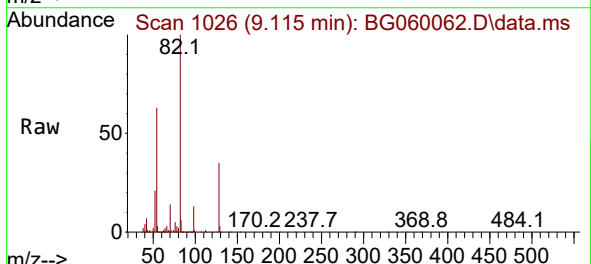
Instrument :  
BNA\_G  
ClientSampleId :  
MW-1B-A-J

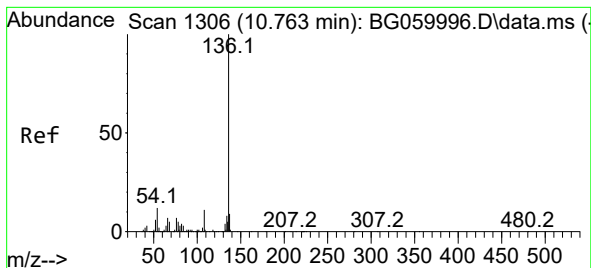
Tgt Ion:107 Resp: 11978  
Ion Ratio Lower Upper  
107 100  
108 148.2 80.7 121.1#  
77 150.2 47.8 71.6#  
79 198.2 44.1 66.1#



#19  
n-Nitroso-di-n-propylamine  
Concen: 13.590 ng  
RT: 9.115 min Scan# 1026  
Delta R.T. 0.356 min  
Lab File: BG060062.D  
Acq: 16 Dec 2023 9:24

Tgt Ion: 70 Resp: 74042  
Ion Ratio Lower Upper  
70 100  
42 47.8 48.6 73.0#  
101 0.0 5.7 8.5#  
130 0.8 13.6 20.4#

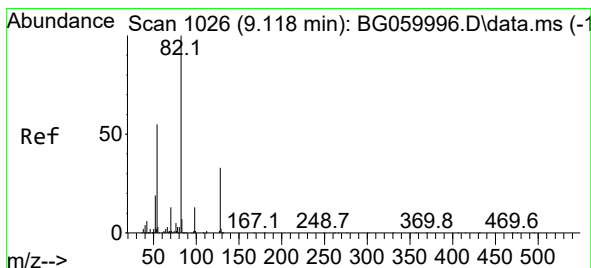
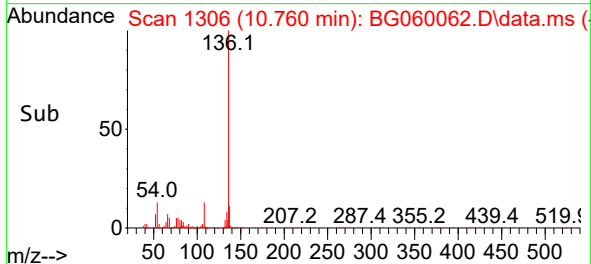
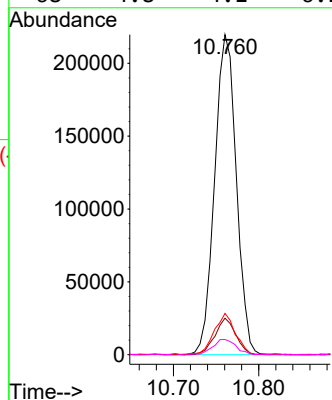
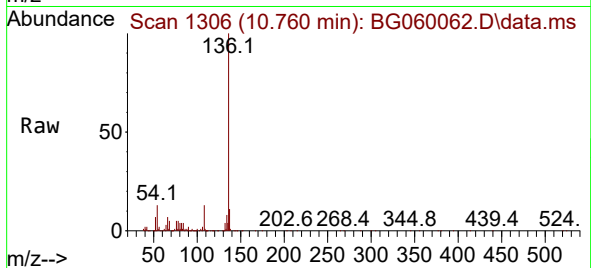




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.760 min Scan# 1306  
Delta R.T. -0.003 min  
Lab File: BG060062.D  
Acq: 16 Dec 2023 9:24

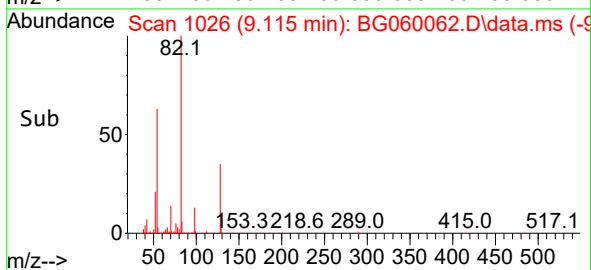
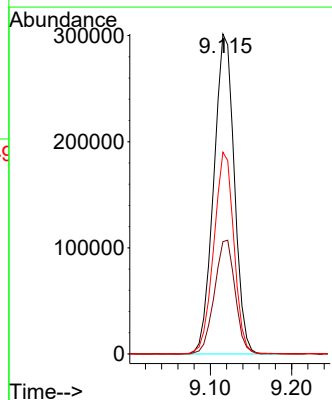
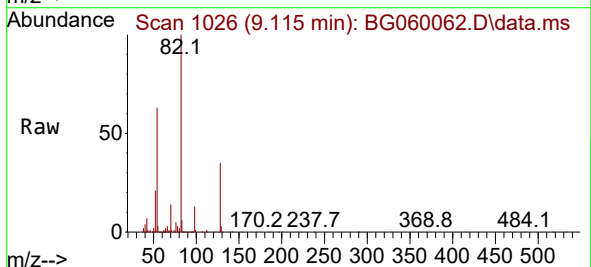
Instrument :  
BNA\_G  
ClientSampleId :  
MW-1B-A-J

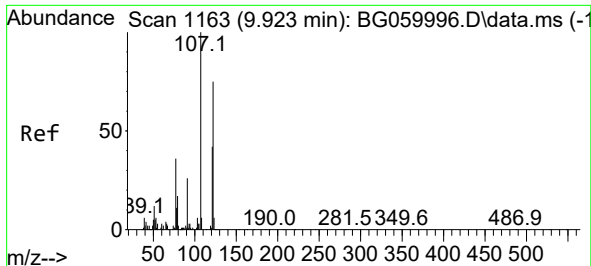
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 387529 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.4  | 7.3   | 10.9#  |
| 54        | 12.9  | 9.6   | 14.4   |
| 68        | 4.8   | 4.1   | 6.1    |



#23  
Nitrobenzene-d5  
Concen: 62.207 ng  
RT: 9.115 min Scan# 1026  
Delta R.T. -0.003 min  
Lab File: BG060062.D  
Acq: 16 Dec 2023 9:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 530894 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 35.1  | 26.3  | 39.5   |
| 54        | 63.1  | 44.3  | 66.5   |





#27

2,4-Dimethylphenol

Concen: 3.062 ng

RT: 9.979 min Scan# 1173

Delta R.T. 0.056 min

Lab File: BG060062.D

Acq: 16 Dec 2023 9:24

Instrument :

BNA\_G

ClientSampleId :

MW-1B-A-J

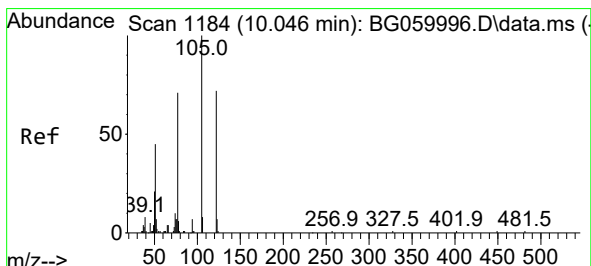
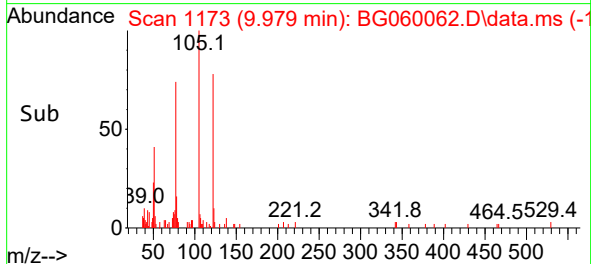
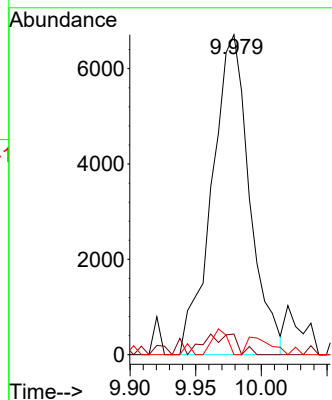
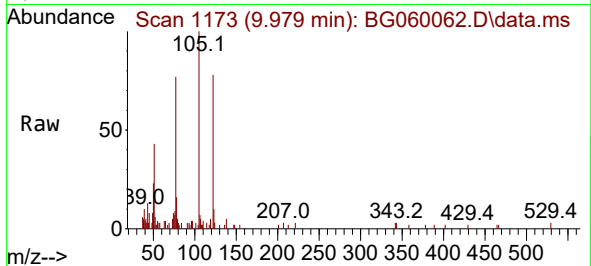
Tgt Ion:122 Resp: 13376

Ion Ratio Lower Upper

122 100

107 6.5 105.9 158.9#

121 0.0 44.5 66.7#



#32

Benzoic acid

Concen: 3.367 ng

RT: 9.979 min Scan# 1173

Delta R.T. -0.067 min

Lab File: BG060062.D

Acq: 16 Dec 2023 9:24

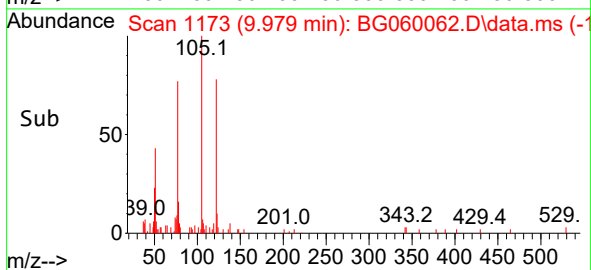
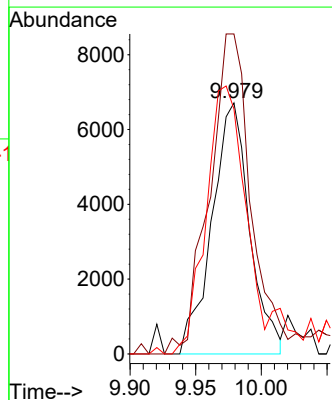
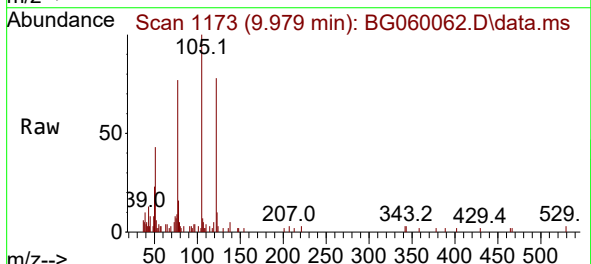
Tgt Ion:122 Resp: 13376

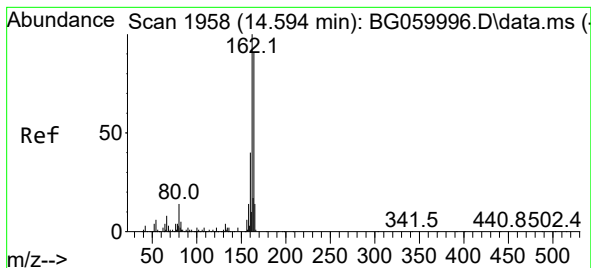
Ion Ratio Lower Upper

122 100

105 127.4 106.2 146.2

77 97.6 80.4 120.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.591 min Scan# 1958

Delta R.T. -0.003 min

Lab File: BG060062.D

Acq: 16 Dec 2023 9:24

Instrument :

BNA\_G

ClientSampleId :

MW-1B-A-J

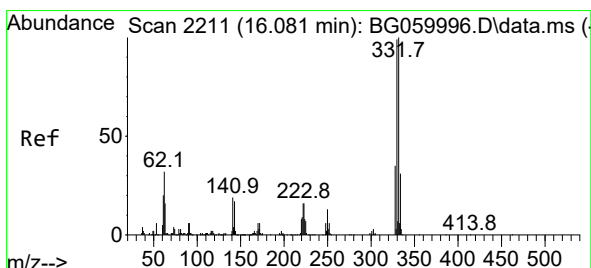
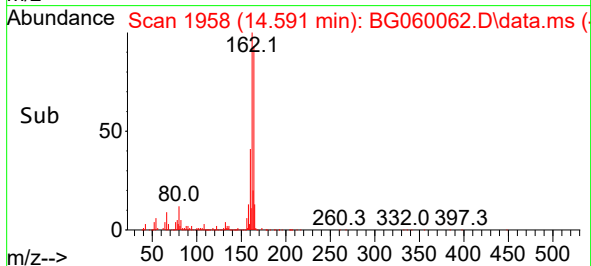
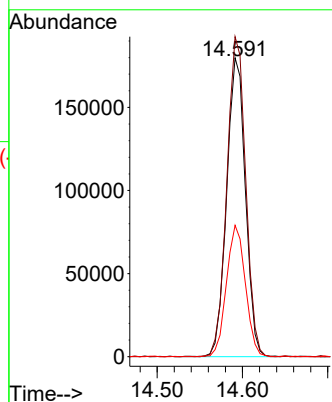
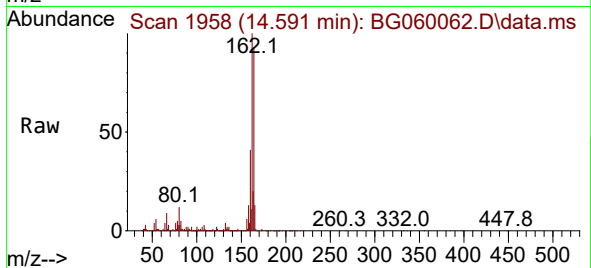
Tgt Ion:164 Resp: 274789

Ion Ratio Lower Upper

164 100

162 107.0 88.1 132.1

160 44.0 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 90.141 ng

RT: 16.084 min Scan# 2212

Delta R.T. 0.003 min

Lab File: BG060062.D

Acq: 16 Dec 2023 9:24

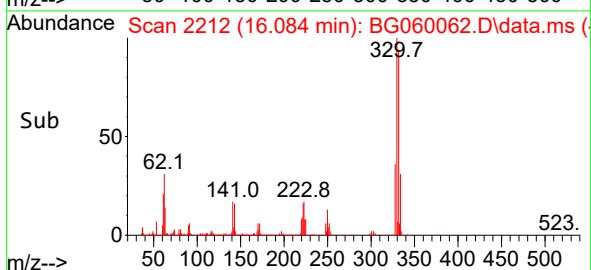
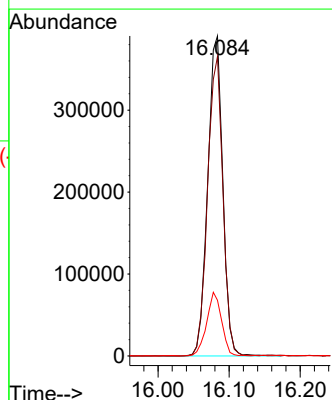
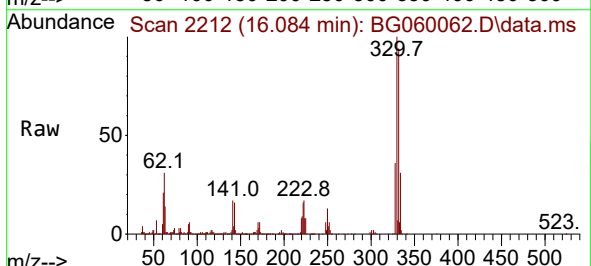
Tgt Ion:330 Resp: 577248

Ion Ratio Lower Upper

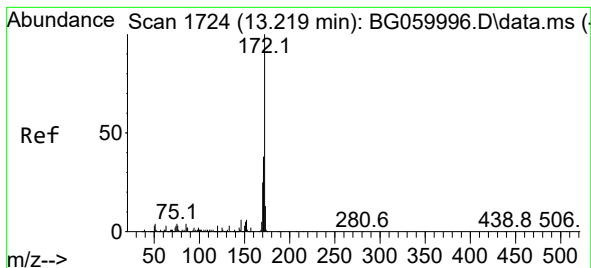
330 100

332 94.9 76.2 114.4

141 19.8 14.3 21.5



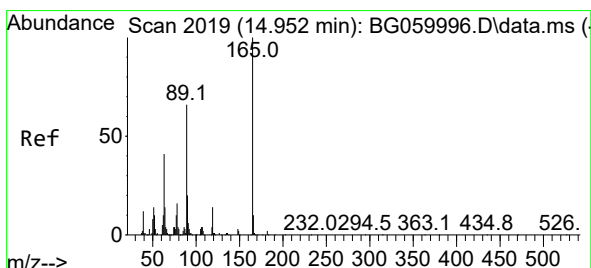
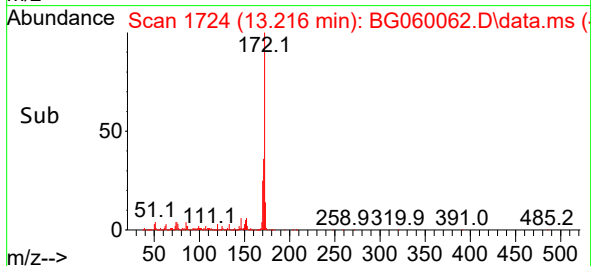
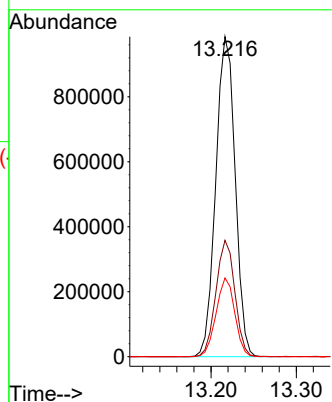
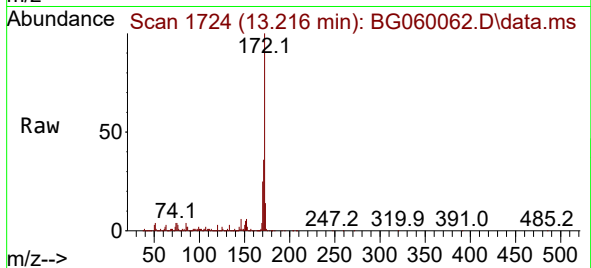




#45  
2-Fluorobiphenyl  
Concen: 69.228 ng  
RT: 13.216 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: BG060062.D  
Acq: 16 Dec 2023 9:24

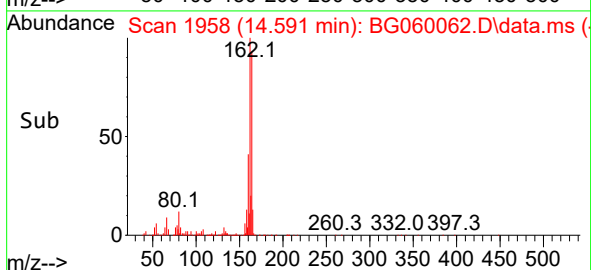
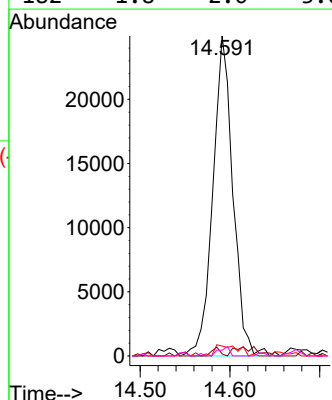
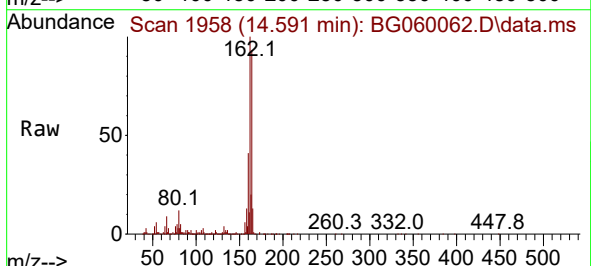
Instrument :  
BNA\_G  
ClientSampleId :  
MW-1B-A-J

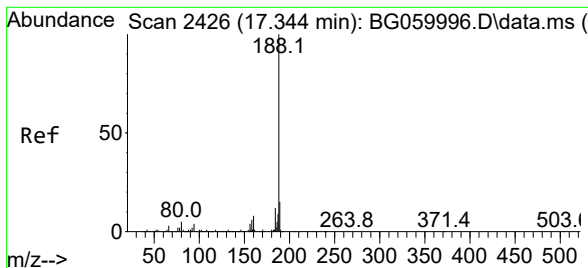
Tgt Ion:172 Resp: 1554297  
Ion Ratio Lower Upper  
172 100  
171 36.3 30.1 45.1  
170 24.6 20.0 30.0



#57  
2,4-Dinitrotoluene  
Concen: 6.248 ng  
RT: 14.591 min Scan# 1958  
Delta R.T. -0.361 min  
Lab File: BG060062.D  
Acq: 16 Dec 2023 9:24

Tgt Ion:165 Resp: 38808  
Ion Ratio Lower Upper  
165 100  
63 0.7 32.8 49.2#  
89 3.1 53.0 79.6#  
182 1.8 2.0 3.0#

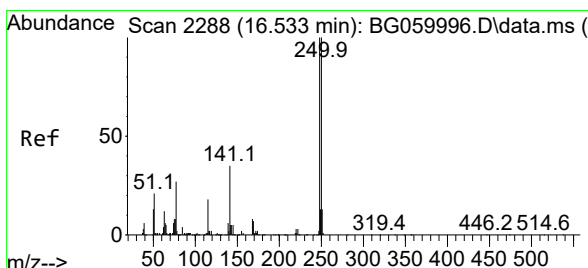
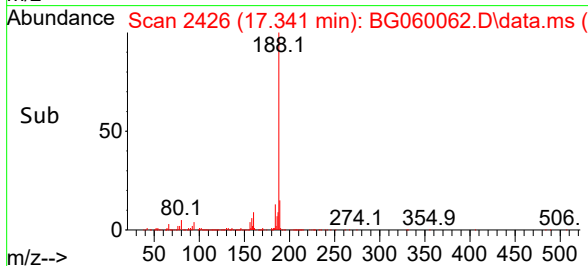
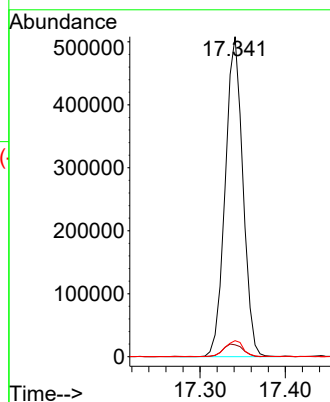
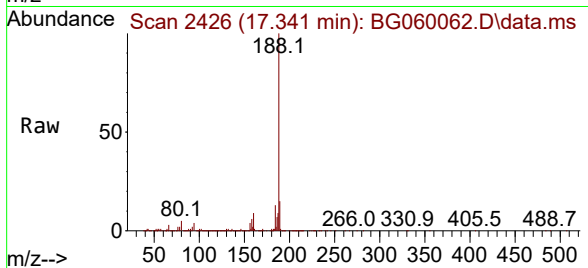




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.341 min Scan# 2426  
Delta R.T. -0.003 min  
Lab File: BG060062.D  
Acq: 16 Dec 2023 9:24

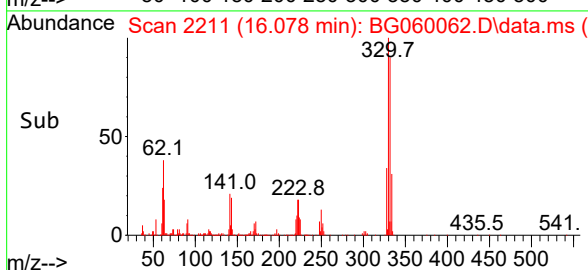
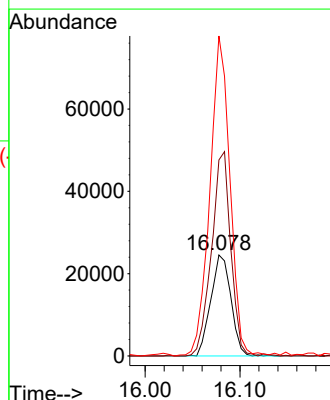
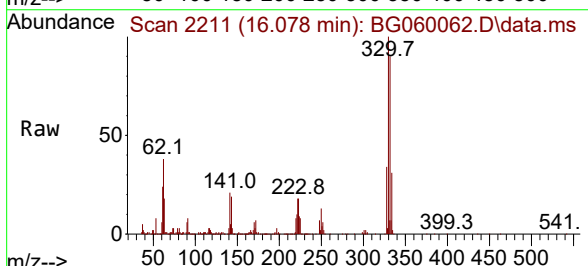
Instrument :  
BNA\_G  
ClientSampleId :  
MW-1B-A-J

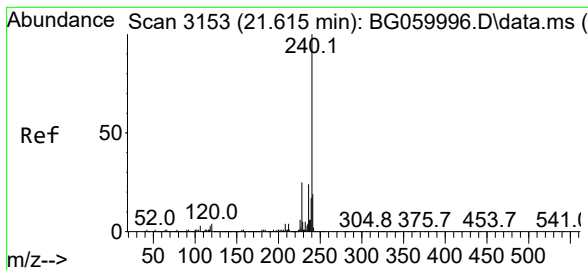
Tgt Ion:188 Resp: 731200  
Ion Ratio Lower Upper  
188 100  
94 3.7 3.0 4.6  
80 5.0 4.0 6.0



#67  
4-Bromophenyl-phenylether  
Concen: 3.512 ng  
RT: 16.078 min Scan# 2211  
Delta R.T. -0.455 min  
Lab File: BG060062.D  
Acq: 16 Dec 2023 9:24

Tgt Ion:248 Resp: 36228  
Ion Ratio Lower Upper  
248 100  
250 194.1 79.9 119.9#  
141 316.9 28.3 42.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.618 min Scan# 3153

Delta R.T. 0.003 min

Lab File: BG060062.D

Acq: 16 Dec 2023 9:24

Instrument :

BNA\_G

ClientSampleId :

MW-1B-A-J

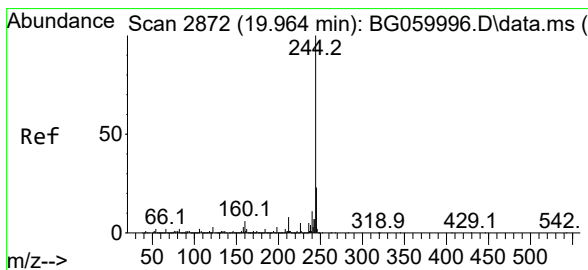
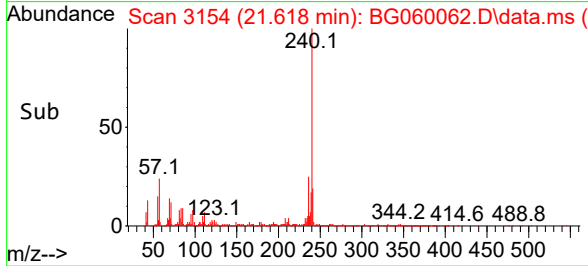
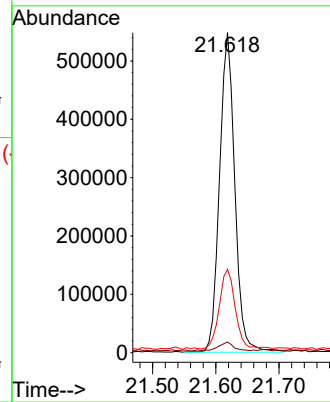
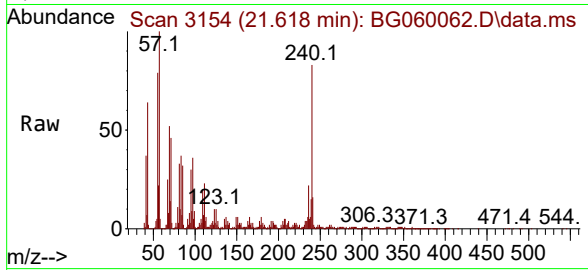
Tgt Ion:240 Resp: 919396

Ion Ratio Lower Upper

240 100

120 3.3 2.9 4.3

236 26.0 19.4 29.2



#79

Terphenyl-d14

Concen: 61.331 ng

RT: 19.961 min Scan# 2872

Delta R.T. -0.003 min

Lab File: BG060062.D

Acq: 16 Dec 2023 9:24

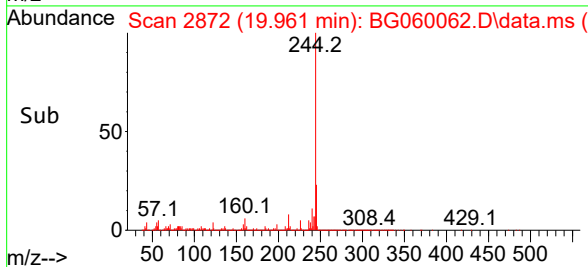
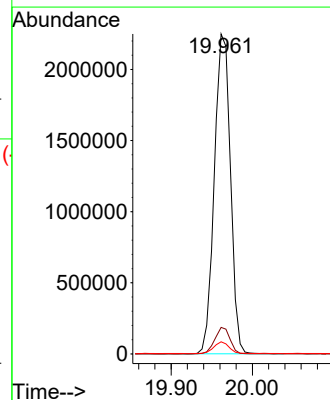
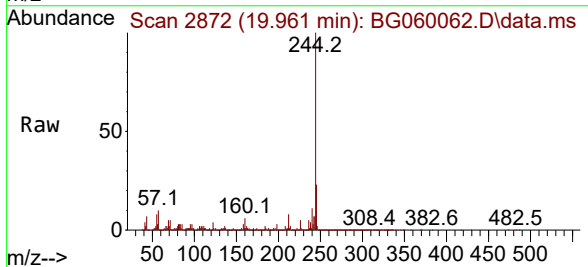
Tgt Ion:244 Resp: 3088529

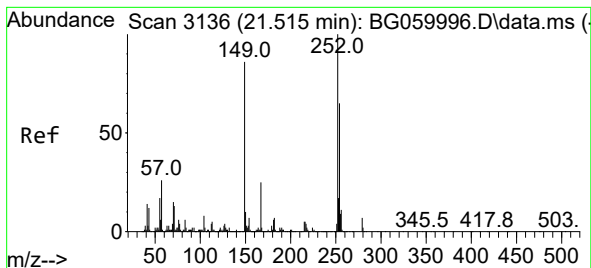
Ion Ratio Lower Upper

244 100

212 8.3 6.8 10.2

122 3.8 2.6 3.8

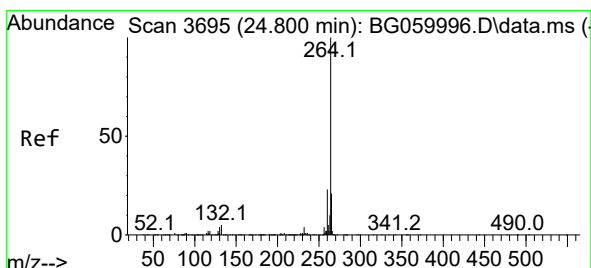
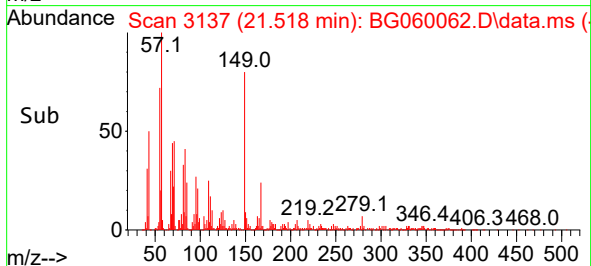
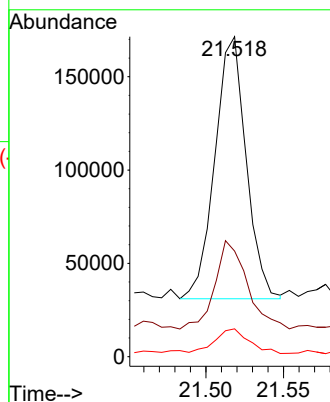
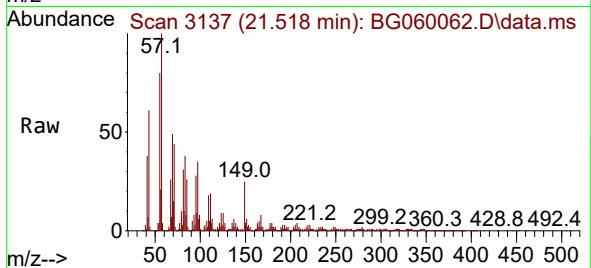




#84  
Bis(2-ethylhexyl)phthalate  
Concen: 12.980 ng  
RT: 21.518 min Scan# 3136  
Delta R.T. 0.003 min  
Lab File: BG060062.D  
Acq: 16 Dec 2023 9:24

Instrument :  
BNA\_G  
ClientSampleId :  
MW-1B-A-J

Tgt Ion:149 Resp: 196932  
Ion Ratio Lower Upper  
149 100  
167 33.0 23.0 34.6  
279 8.7 6.2 9.2



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.838 min Scan# 3702  
Delta R.T. 0.038 min  
Lab File: BG060062.D  
Acq: 16 Dec 2023 9:24

Tgt Ion:264 Resp: 971296  
Ion Ratio Lower Upper  
264 100  
260 23.9 18.5 27.7  
265 21.9 17.3 25.9

