

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111723\  
 Data File : BG059762.D  
 Acq On : 18 Nov 2023 13:12  
 Operator : MA/JU  
 Sample : 05384-03 5X  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Nov 20 04:42:46 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 17 01:51:38 2023  
 Response via : Initial Calibration

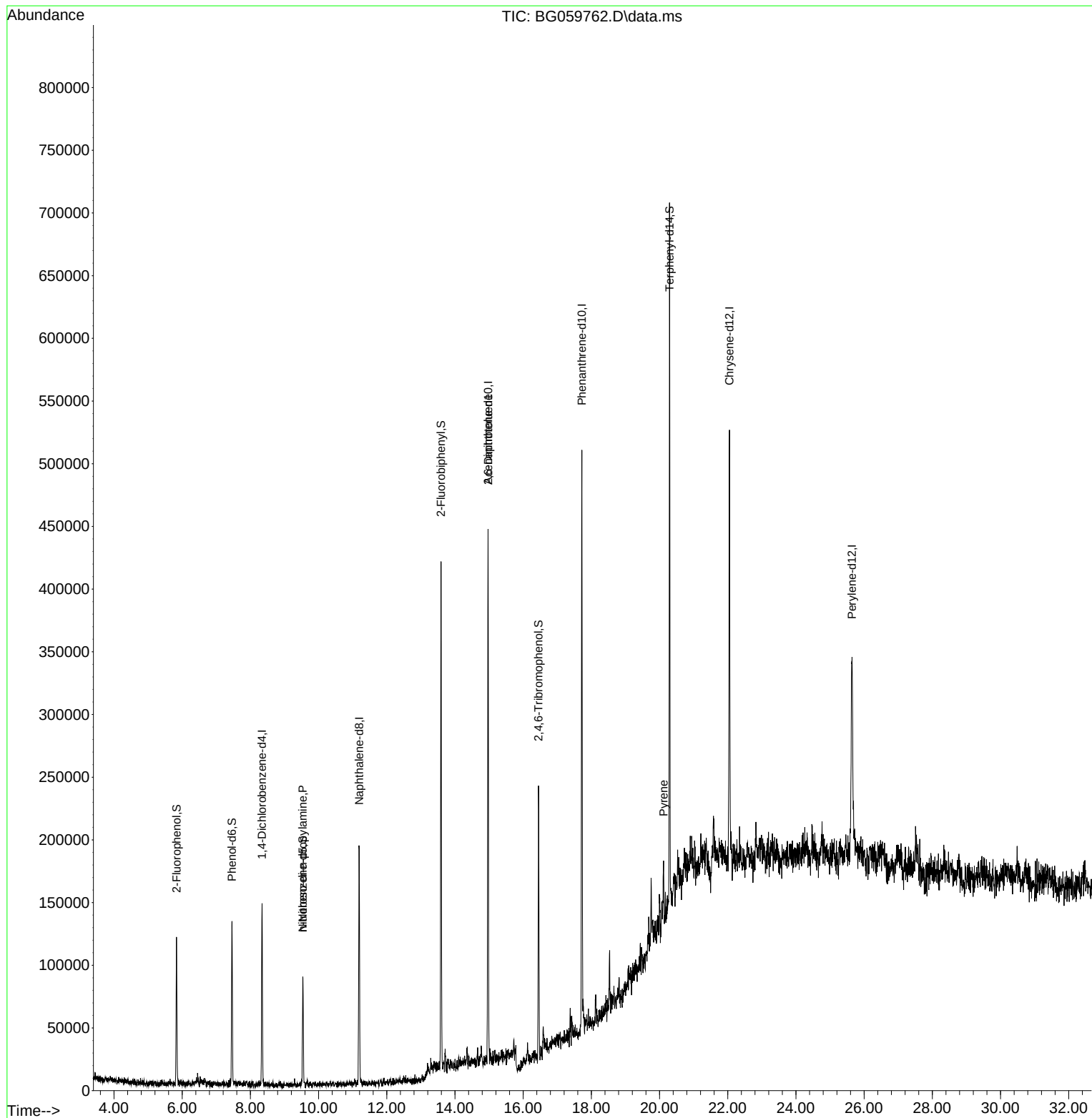
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.343  | 152  | 28873    | 20.000 | ng    | # 0.00   |
| 21) Naphthalene-d8            | 11.193 | 136  | 133837   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.971 | 164  | 127636   | 20.000 | ng    | # 0.00   |
| 64) Phenanthrene-d10          | 17.720 | 188  | 239727   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 22.051 | 240  | 183164   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 25.640 | 264  | 203392   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.834  | 112  | 40833    | 23.803 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.456  | 99   | 60344    | 23.738 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.536  | 82   | 52341    | 14.936 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.451 | 330  | 29191    | 20.157 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.590 | 172  | 158877   | 16.755 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.294 | 244  | 207189   | 16.699 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
| 19) n-Nitroso-di-n-propyla... | 9.536  | 70   | 9020     | 4.506  | ng    | # 84     |
| 51) 2,6-Dinitrotoluene        | 14.971 | 165  | 14037    | 7.481  | ng    | # 1      |
| 78) Pyrene                    | 20.118 | 202  | 25765    | 2.067  | ng    | # 81     |
| -----                         |        |      |          |        |       |          |

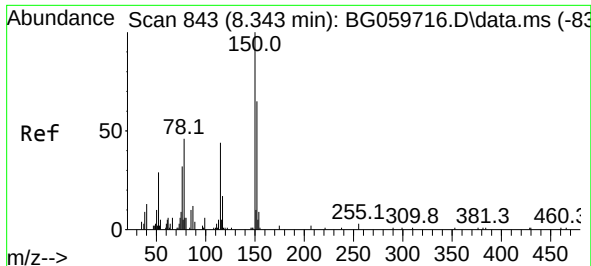
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111723\  
Data File : BG059762.D  
Acq On : 18 Nov 2023 13:12  
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Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :

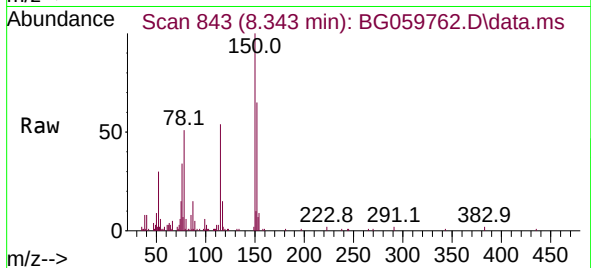
Quant Time: Nov 20 04:42:46 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111623.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 17 01:51:38 2023  
Response via : Initial Calibration



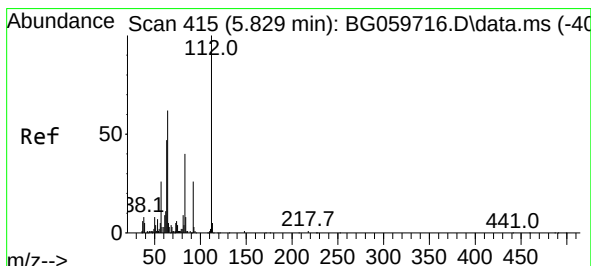
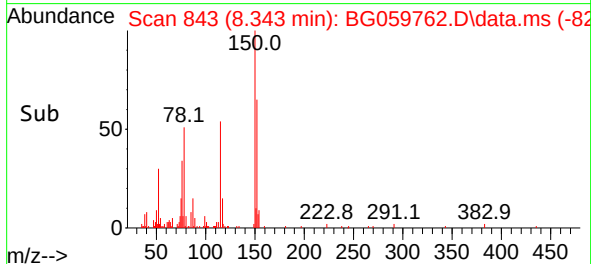
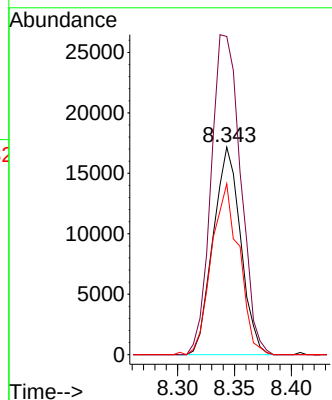


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.343 min Scan# 843  
Delta R.T. 0.000 min  
Lab File: BG059762.D  
Acq: 18 Nov 2023 13:12

Instrument :  
BNA\_G  
ClientSampleId :

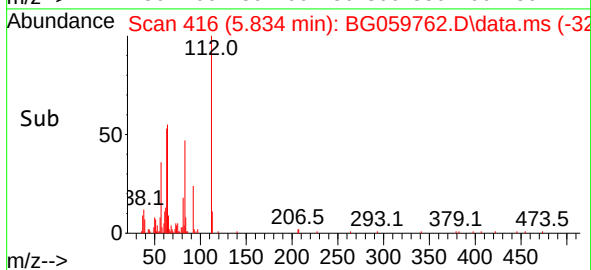
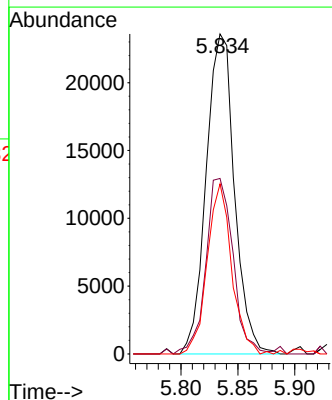
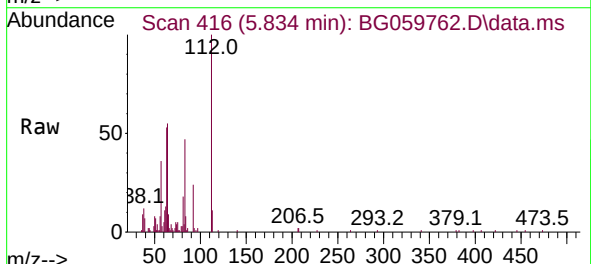


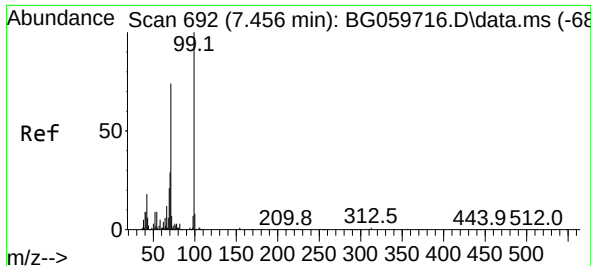
Tgt Ion:152 Resp: 28873  
Ion Ratio Lower Upper  
152 100  
150 153.3 122.2 183.4  
115 82.3 54.2 81.4#



#5  
2-Fluorophenol  
Concen: 23.803 ng  
RT: 5.834 min Scan# 416  
Delta R.T. 0.006 min  
Lab File: BG059762.D  
Acq: 18 Nov 2023 13:12

Tgt Ion:112 Resp: 40833  
Ion Ratio Lower Upper  
112 100  
64 54.8 49.5 74.3  
63 53.2 37.4 56.2

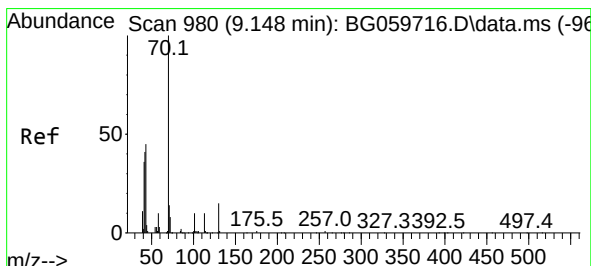
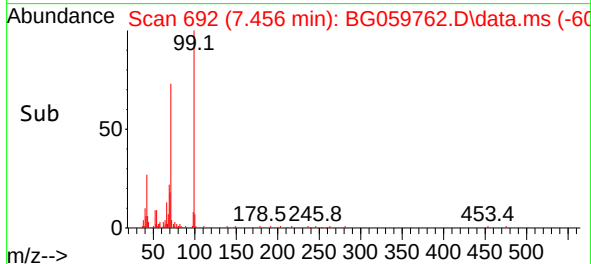
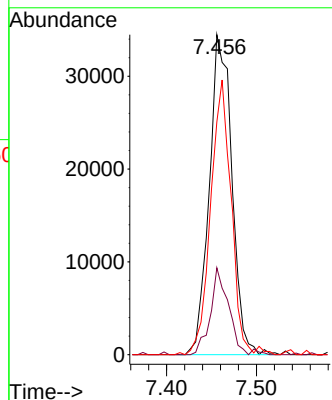
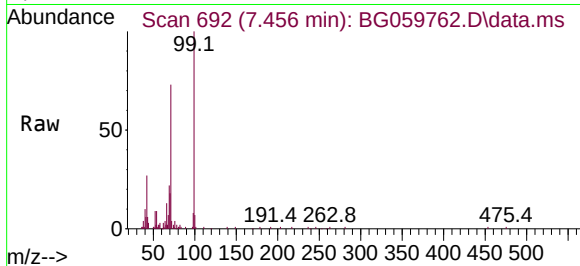




#7  
Phenol-d6  
Concen: 23.738 ng  
RT: 7.456 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BG059762.D  
Acq: 18 Nov 2023 13:12

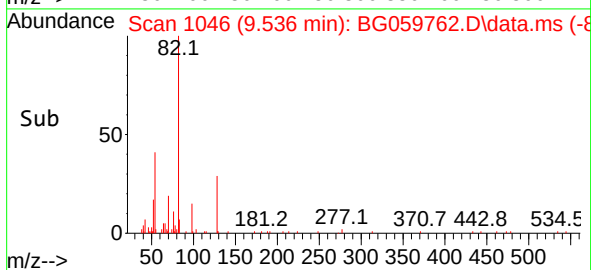
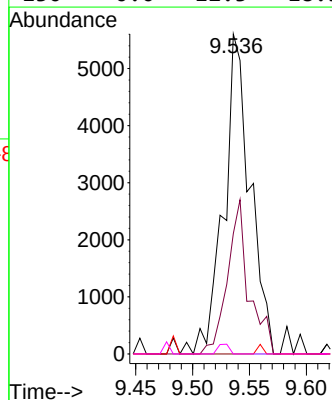
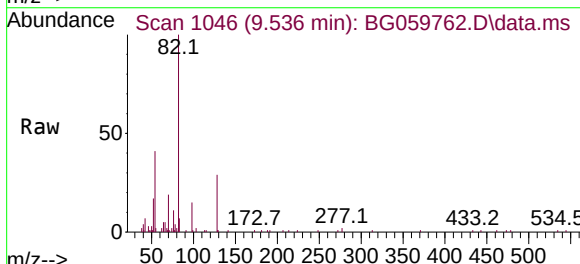
Instrument :  
BNA\_G  
ClientSampleId :

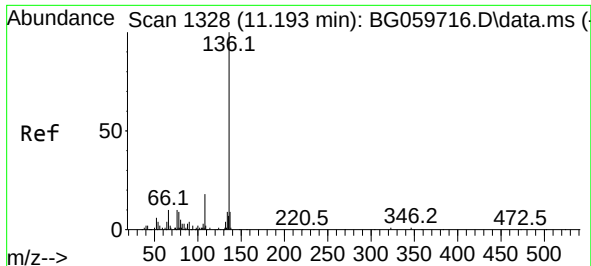
Tgt Ion: 99 Resp: 60344  
Ion Ratio Lower Upper  
99 100  
42 27.2 14.3 21.5#  
71 72.7 59.3 88.9



#19  
n-Nitroso-di-n-propylamine  
Concen: 4.506 ng  
RT: 9.536 min Scan# 1046  
Delta R.T. 0.388 min  
Lab File: BG059762.D  
Acq: 18 Nov 2023 13:12

Tgt Ion: 70 Resp: 9020  
Ion Ratio Lower Upper  
70 100  
42 37.6 32.8 49.2  
101 0.0 7.7 11.5#  
130 0.0 12.3 18.5#

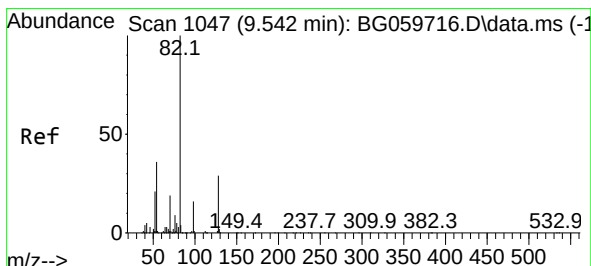
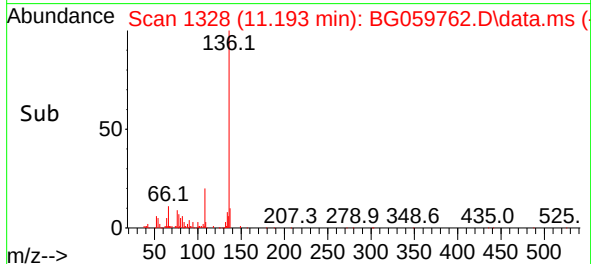
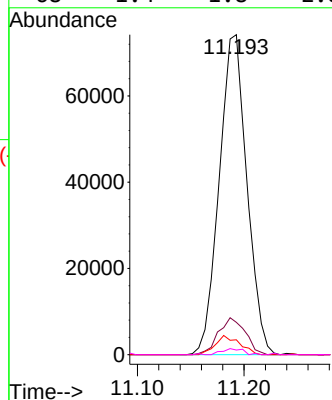
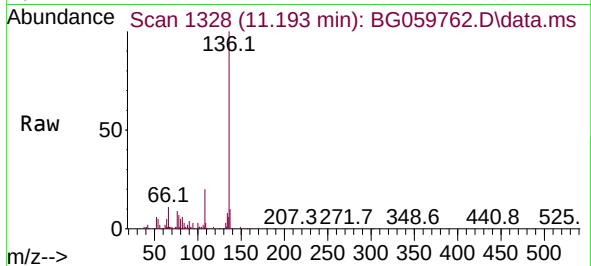




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.193 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BG059762.D  
Acq: 18 Nov 2023 13:12

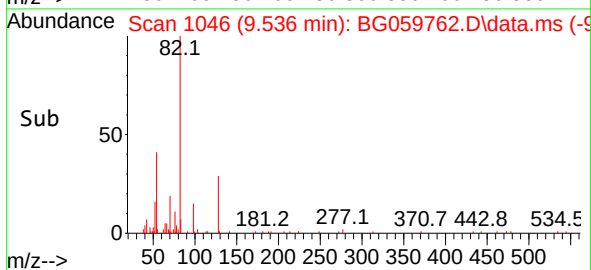
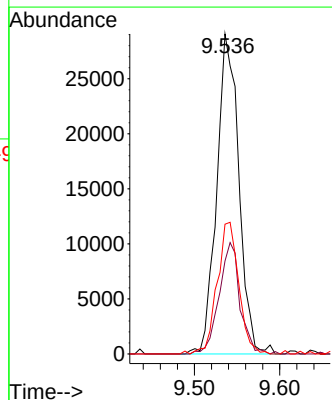
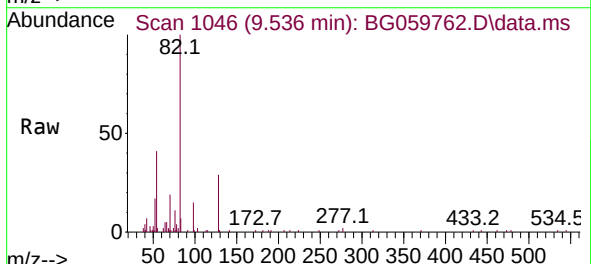
Instrument :  
BNA\_G  
ClientSampleId :

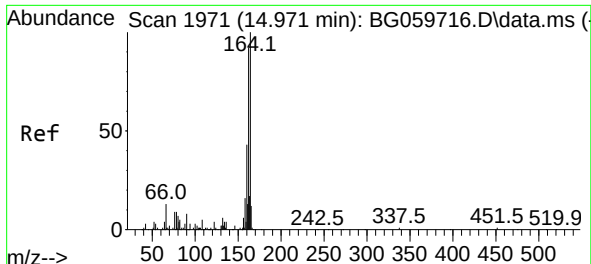
Tgt Ion:136 Resp: 133837  
Ion Ratio Lower Upper  
136 100  
137 10.1 7.4 11.0  
54 4.7 3.1 4.7  
68 1.4 1.8 2.8#



#23  
Nitrobenzene-d5  
Concen: 14.936 ng  
RT: 9.536 min Scan# 1046  
Delta R.T. -0.006 min  
Lab File: BG059762.D  
Acq: 18 Nov 2023 13:12

Tgt Ion: 82 Resp: 52341  
Ion Ratio Lower Upper  
82 100  
128 29.1 23.0 34.6  
54 40.6 28.7 43.1

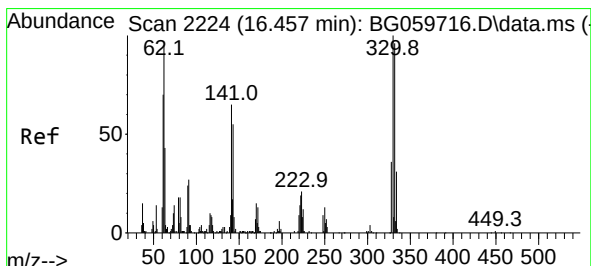
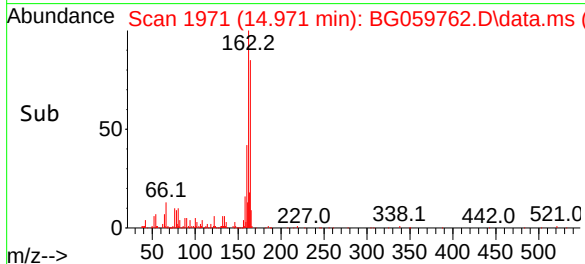
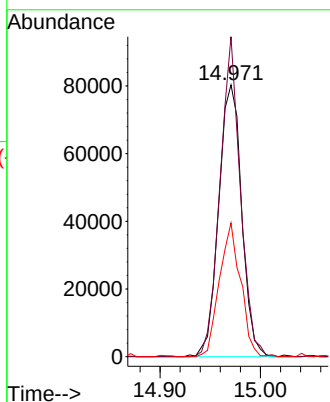
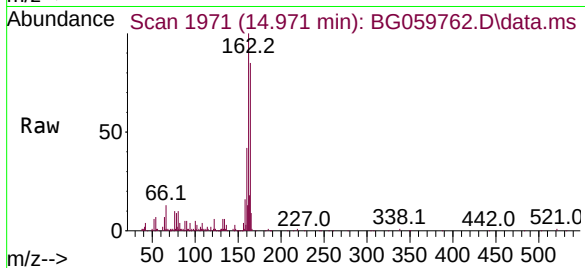




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.971 min Scan# 1971  
Delta R.T. -0.000 min  
Lab File: BG059762.D  
Acq: 18 Nov 2023 13:12

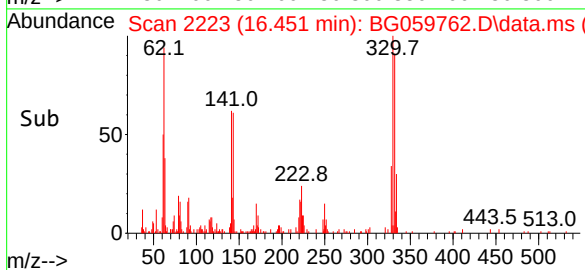
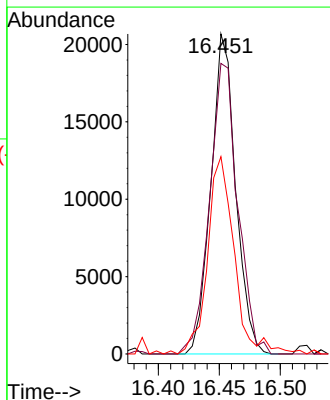
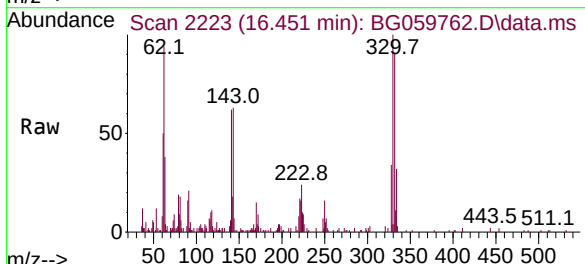
Instrument :  
BNA\_G  
ClientSampleId :

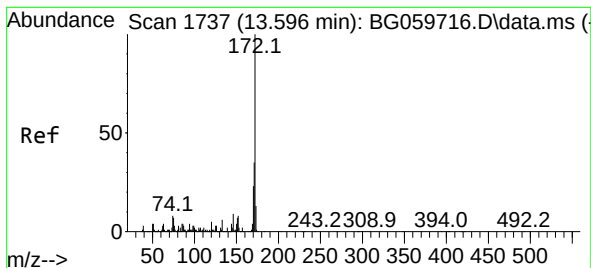
Tgt Ion:164 Resp: 127636  
Ion Ratio Lower Upper  
164 100  
162 117.7 73.3 109.9#  
160 49.2 34.1 51.1



#42  
2,4,6-Tribromophenol  
Concen: 20.157 ng  
RT: 16.451 min Scan# 2223  
Delta R.T. -0.006 min  
Lab File: BG059762.D  
Acq: 18 Nov 2023 13:12

Tgt Ion:330 Resp: 29191  
Ion Ratio Lower Upper  
330 100  
332 103.4 73.3 109.9  
141 66.7 52.1 78.1





#45

2-Fluorobiphenyl

Concen: 16.755 ng

RT: 13.590 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG059762.D

Acq: 18 Nov 2023 13:12

Instrument :

BNA\_G

ClientSampleId :

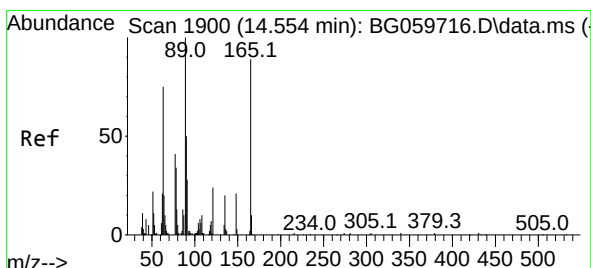
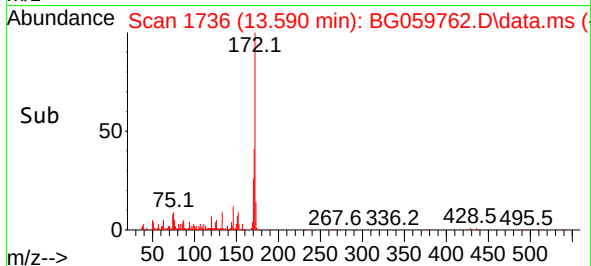
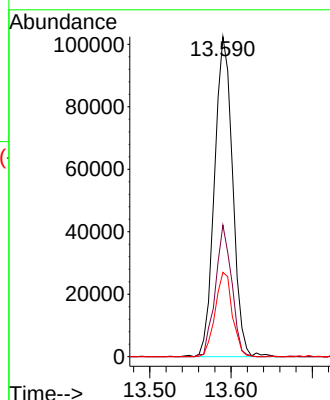
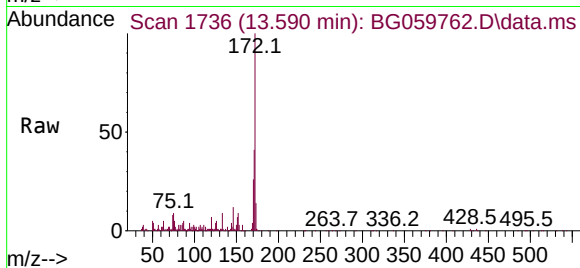
Tgt Ion:172 Resp: 158877

Ion Ratio Lower Upper

172 100

171 41.1 27.7 41.5

170 26.4 18.4 27.6



#51

2,6-Dinitrotoluene

Concen: 7.481 ng

RT: 14.971 min Scan# 1971

Delta R.T. 0.417 min

Lab File: BG059762.D

Acq: 18 Nov 2023 13:12

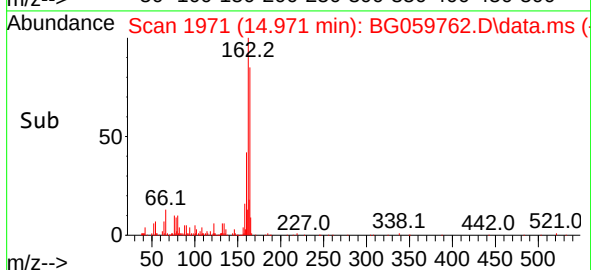
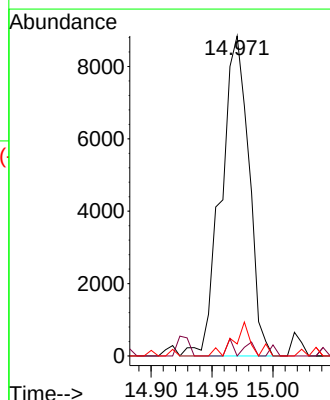
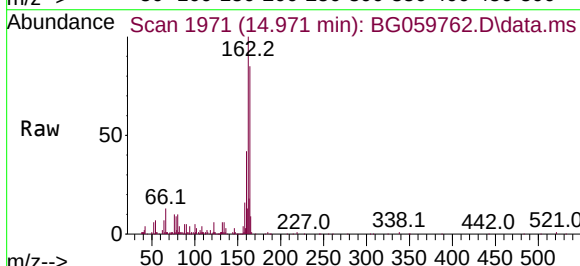
Tgt Ion:165 Resp: 14037

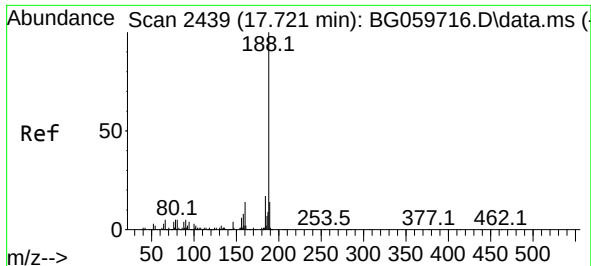
Ion Ratio Lower Upper

165 100

63 0.0 75.3 112.9#

89 3.8 90.9 136.3#

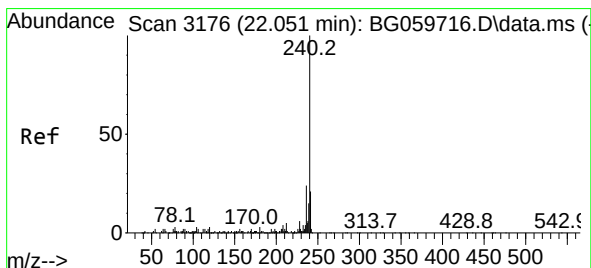
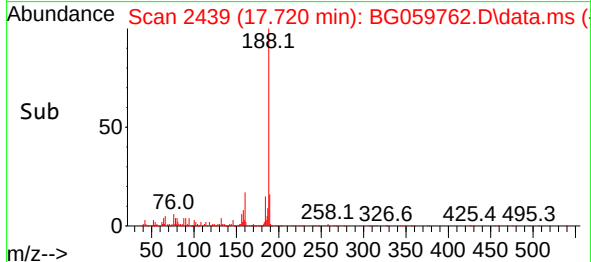
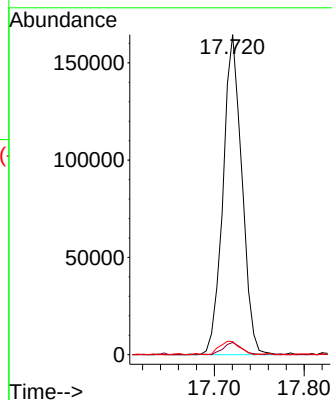
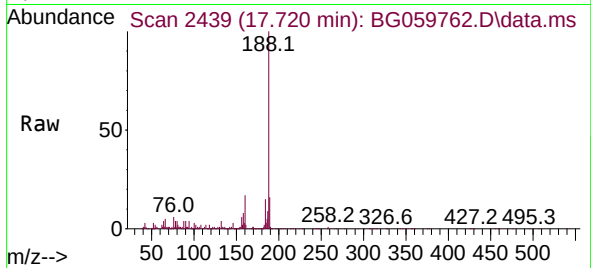




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.720 min Scan# 2439  
Delta R.T. -0.000 min  
Lab File: BG059762.D  
Acq: 18 Nov 2023 13:12

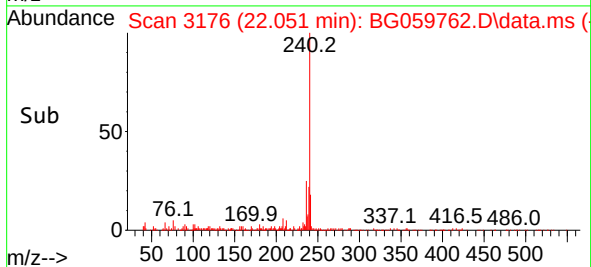
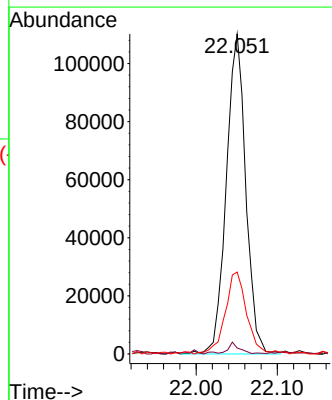
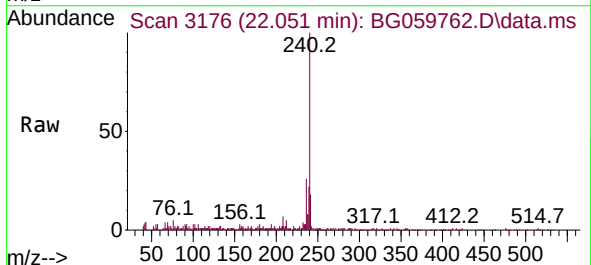
Instrument :  
BNA\_G  
ClientSampleId :

Tgt Ion:188 Resp: 239727  
Ion Ratio Lower Upper  
188 100  
94 3.8 3.0 4.4  
80 4.1 4.2 6.4#

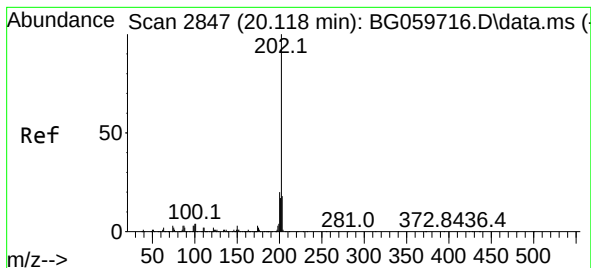


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 22.051 min Scan# 3176  
Delta R.T. -0.000 min  
Lab File: BG059762.D  
Acq: 18 Nov 2023 13:12

Tgt Ion:240 Resp: 183164  
Ion Ratio Lower Upper  
240 100  
120 1.9 2.2 3.2#  
236 25.6 19.4 29.2







#78

Pyrene

Concen: 2.067 ng

RT: 20.118 min Scan# 2847

Delta R.T. -0.000 min

Lab File: BG059762.D

Acq: 18 Nov 2023 13:12

Instrument :

BNA\_G

ClientSampleId :

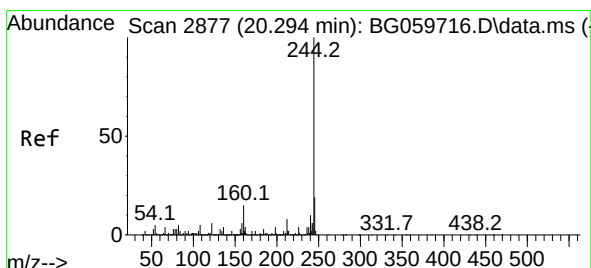
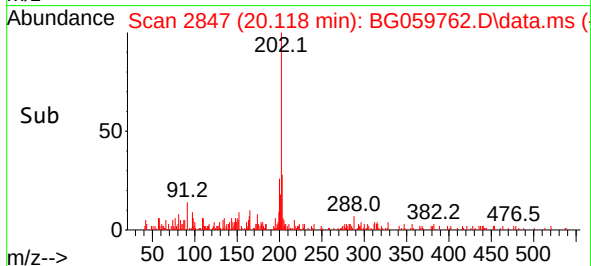
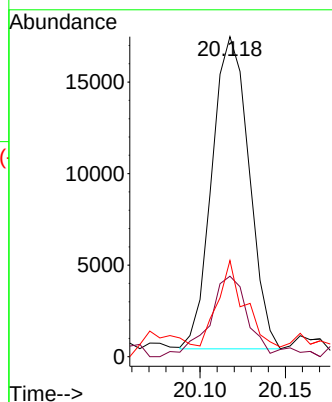
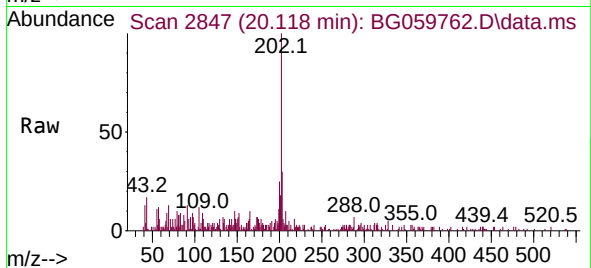
Tgt Ion:202 Resp: 25765

Ion Ratio Lower Upper

202 100

200 25.2 16.2 24.4#

203 30.1 14.0 21.0#



#79

Terphenyl-d14

Concen: 16.699 ng

RT: 20.294 min Scan# 2877

Delta R.T. -0.000 min

Lab File: BG059762.D

Acq: 18 Nov 2023 13:12

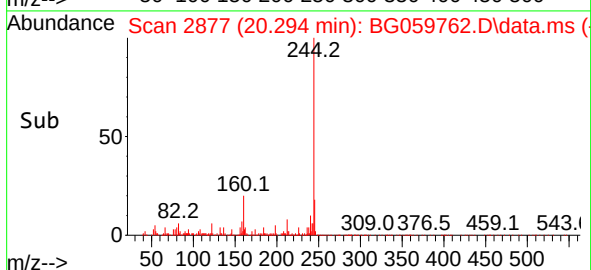
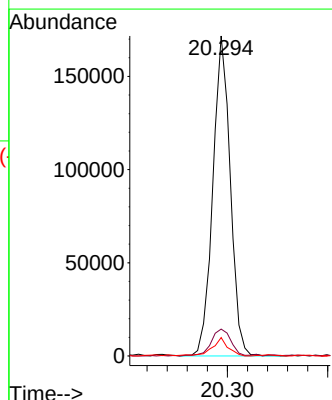
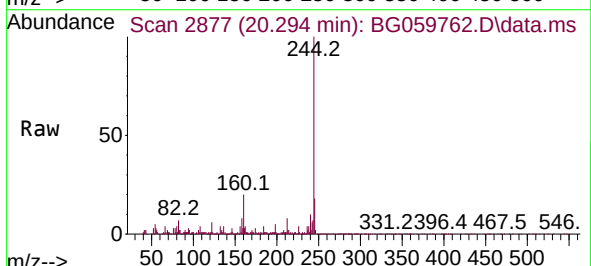
Tgt Ion:244 Resp: 207189

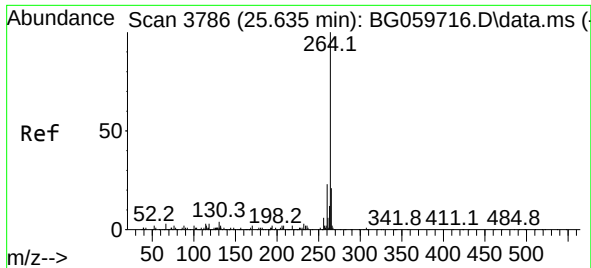
Ion Ratio Lower Upper

244 100

212 8.4 6.6 10.0

122 5.7 4.4 6.6





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.640 min Scan# 31  
 Delta R.T. 0.006 min  
 Lab File: BG059762.D  
 Acq: 18 Nov 2023 13:12

Instrument :  
 BNA\_G  
 ClientSampleId :

Tgt Ion:264 Resp: 203392  
 Ion Ratio Lower Upper  
 264 100  
 260 26.9 18.5 27.7  
 265 18.5 17.0 25.6

