

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG051724\  
 Data File : BG061246.D  
 Acq On : 17 May 2024 19:58  
 Operator : MA/JU  
 Sample : P2497-07 10X  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 280646

Quant Time: May 17 23:53:41 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG043024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 01 05:11:25 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.935  | 152  | 30330    | 20.000 | ng    | -0.03    |
| 21) Naphthalene-d8          | 10.726 | 136  | 115211   | 20.000 | ng    | #-0.03   |
| 39) Acenaphthene-d10        | 14.557 | 164  | 80617    | 20.000 | ng    | -0.03    |
| 64) Phenanthrene-d10        | 17.306 | 188  | 182888   | 20.000 | ng    | #-0.03   |
| 76) Chrysene-d12            | 21.566 | 240  | 178508   | 20.000 | ng    | #-0.03   |
| 86) Perylene-d12            | 24.698 | 264  | 211428   | 20.000 | ng    | -0.03    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.532  | 112  | 12094    | 8.109  | ng    | -0.01    |
| 7) Phenol-d6                | 7.112  | 99   | 16584    | 7.517  | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 9.087  | 82   | 12253    | 5.272  | ng    | -0.03    |
| 42) 2,4,6-Tribromophenol    | 16.055 | 330  | 9228     | 5.727  | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 13.182 | 172  | 31012    | 5.688  | ng    | -0.03    |
| 79) Terphenyl-d14           | 19.927 | 244  | 55884    | 5.207  | ng    | -0.03    |

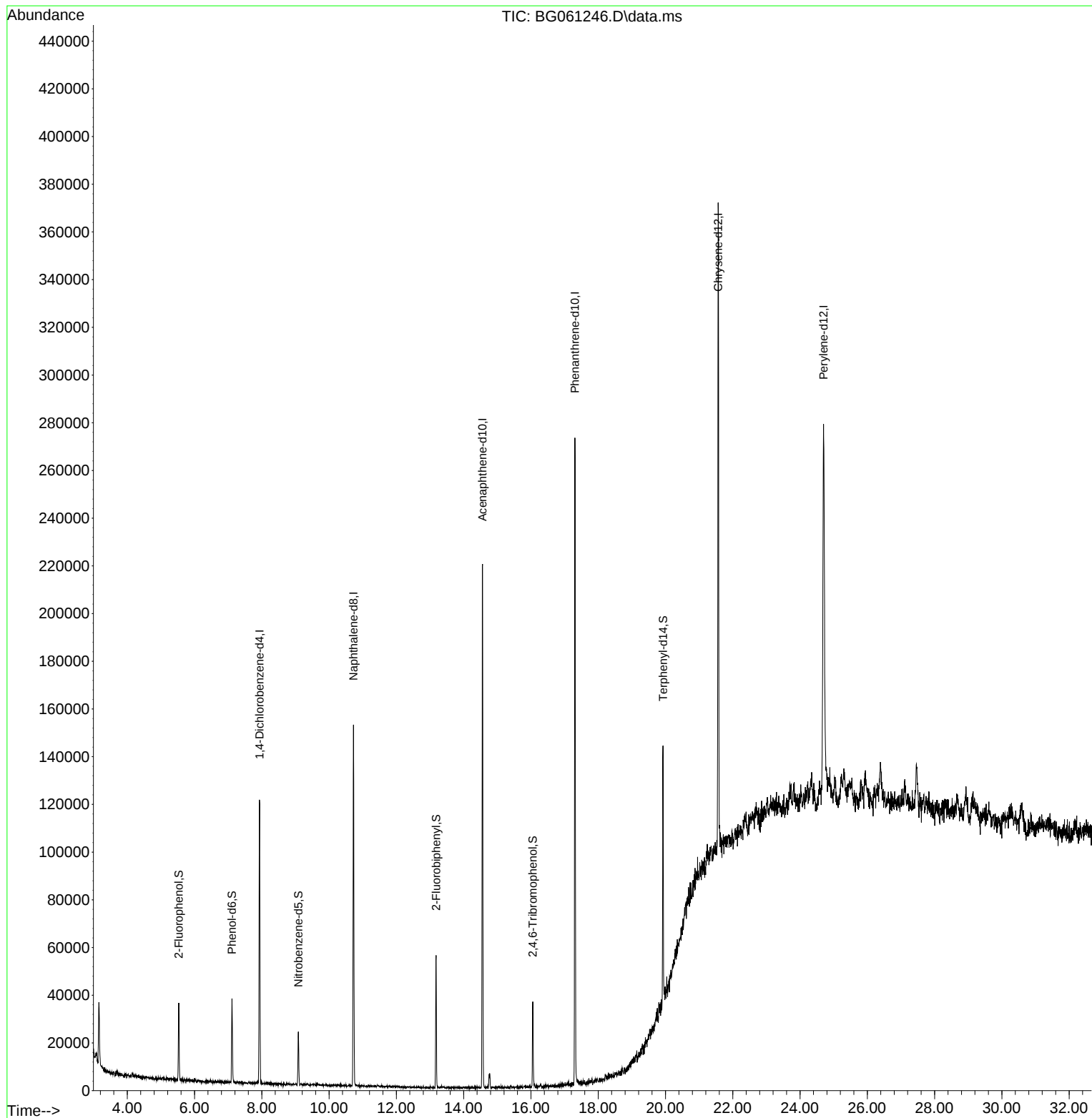
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

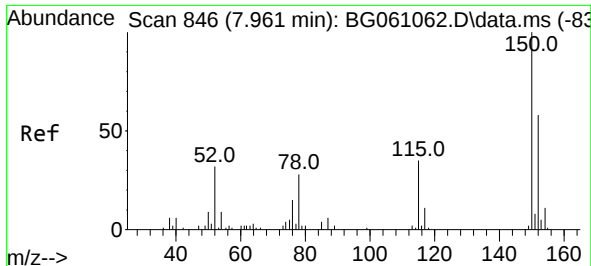
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG051724\  
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ALS Vial : 16 Sample Multiplier: 1

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BNA\_G  
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Quant Time: May 17 23:53:41 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG043024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 01 05:11:25 2024  
Response via : Initial Calibration

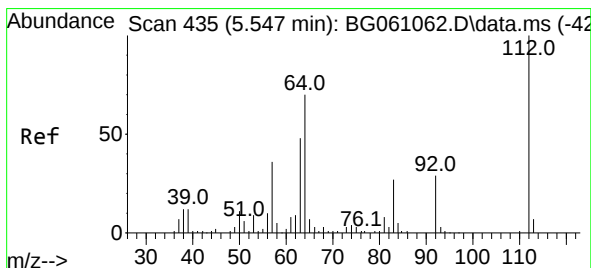
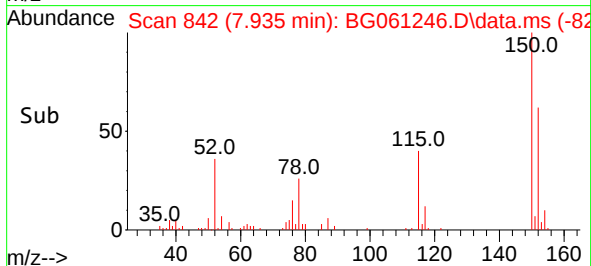
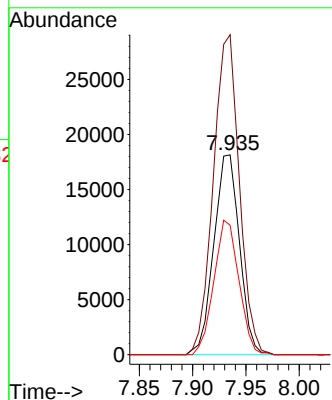
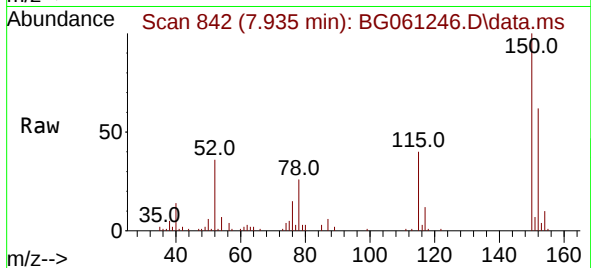




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.935 min Scan# 846  
Delta R.T. -0.026 min  
Lab File: BG061246.D  
Acq: 17 May 2024 19:58

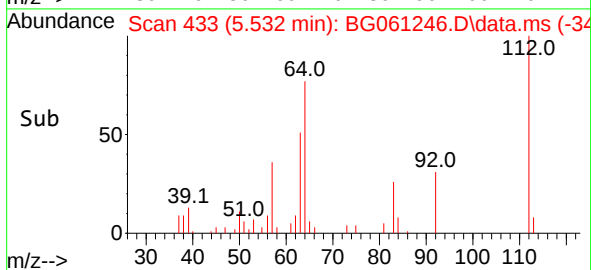
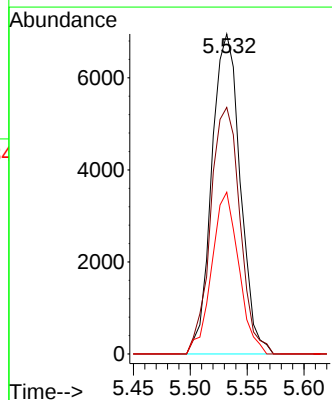
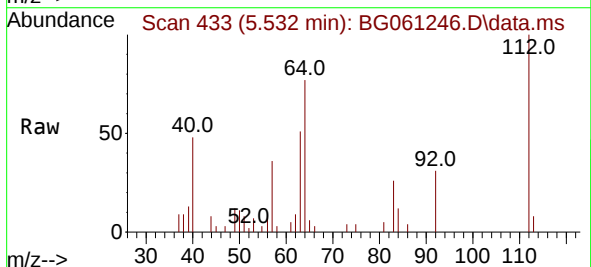
Instrument :  
BNA\_G  
ClientSampleId :  
280646

Tgt Ion:152 Resp: 30330  
Ion Ratio Lower Upper  
152 100  
150 160.2 138.3 207.5  
115 64.8 48.0 72.0



#5  
2-Fluorophenol  
Concen: 8.109 ng  
RT: 5.532 min Scan# 433  
Delta R.T. -0.015 min  
Lab File: BG061246.D  
Acq: 17 May 2024 19:58

Tgt Ion:112 Resp: 12094  
Ion Ratio Lower Upper  
112 100  
64 77.0 55.7 83.5  
63 50.6 38.1 57.1

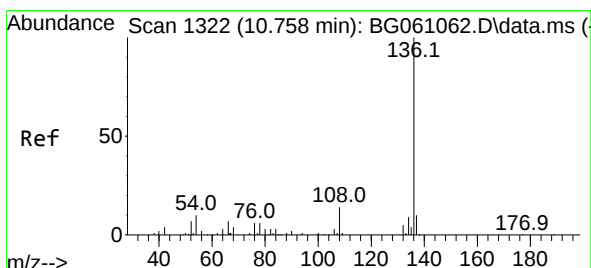
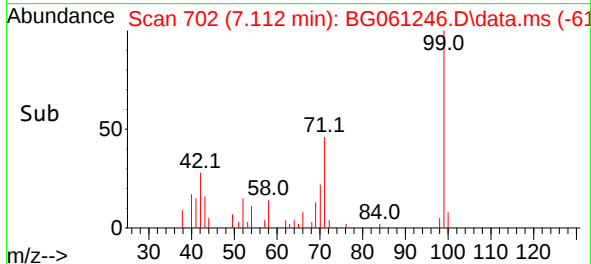
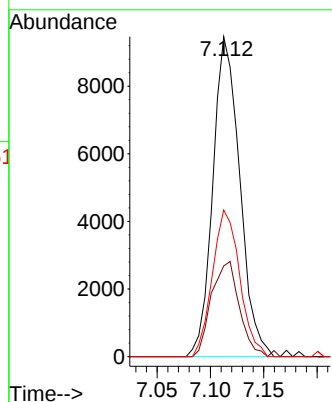
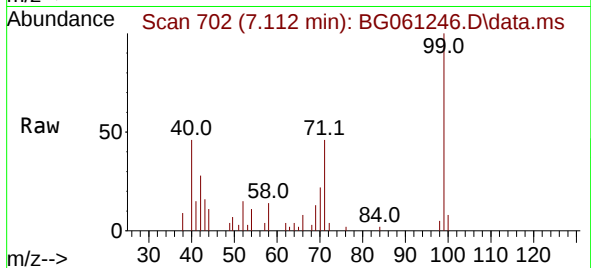




#7  
Phenol-d6  
Concen: 7.517 ng  
RT: 7.112 min Scan# 70  
Delta R.T. -0.020 min  
Lab File: BG061246.D  
Acq: 17 May 2024 19:58

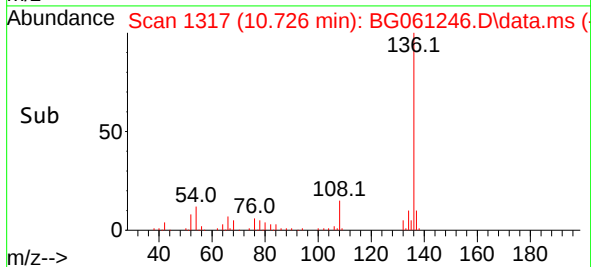
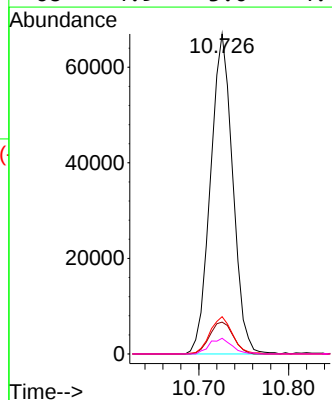
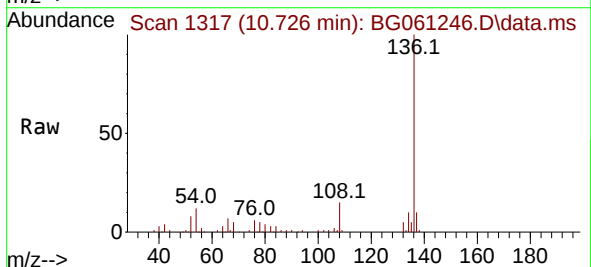
Instrument :  
BNA\_G  
ClientSampleId :  
280646

Tgt Ion: 99 Resp: 16584  
Ion Ratio Lower Upper  
99 100  
42 28.4 29.2 43.8#  
71 45.9 39.7 59.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.726 min Scan# 1317  
Delta R.T. -0.032 min  
Lab File: BG061246.D  
Acq: 17 May 2024 19:58

Tgt Ion:136 Resp: 115211  
Ion Ratio Lower Upper  
136 100  
137 10.0 7.8 11.6  
54 11.6 8.1 12.1  
68 4.9 3.0 4.4#





#23

Nitrobenzene-d5

Concen: 5.272 ng

RT: 9.087 min Scan# 1043

Delta R.T. -0.032 min

Lab File: BG061246.D

Acq: 17 May 2024 19:58

Instrument :

BNA\_G

ClientSampleId :

280646

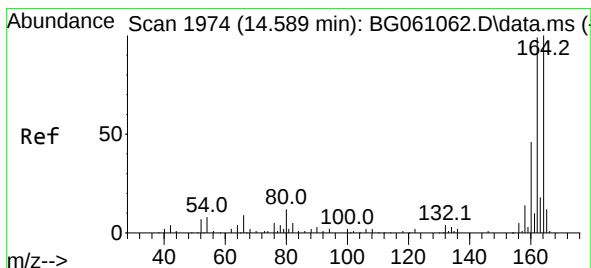
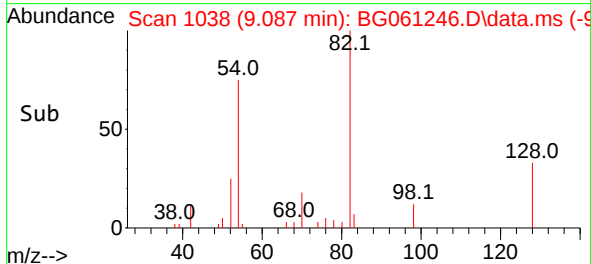
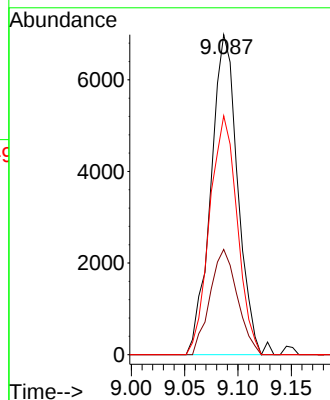
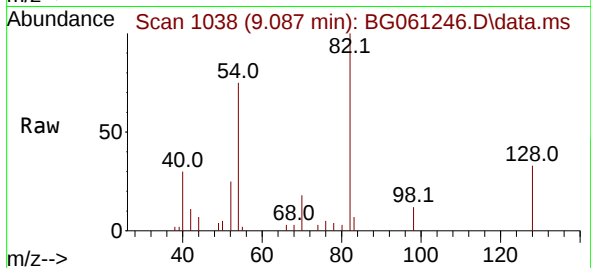
Tgt Ion: 82 Resp: 12253

Ion Ratio Lower Upper

82 100

128 32.9 32.7 49.1

54 74.7 65.6 98.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.557 min Scan# 1969

Delta R.T. -0.032 min

Lab File: BG061246.D

Acq: 17 May 2024 19:58

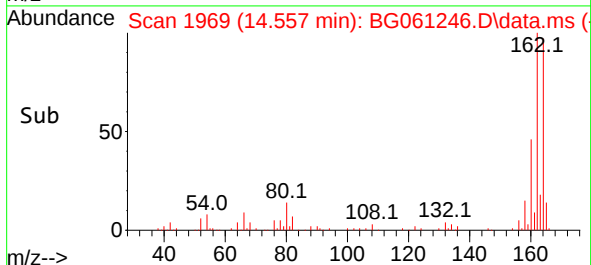
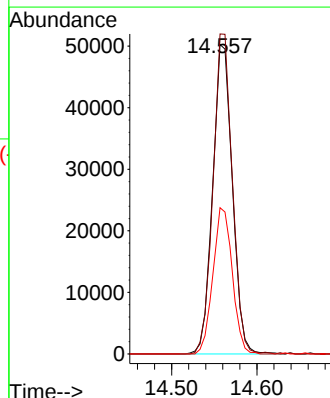
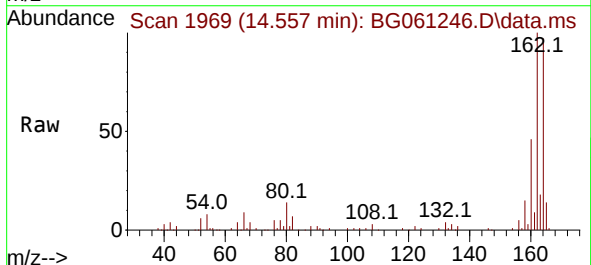
Tgt Ion:164 Resp: 80617

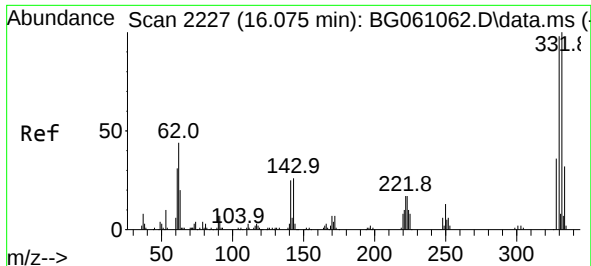
Ion Ratio Lower Upper

164 100

162 103.4 79.4 119.2

160 47.3 37.0 55.6

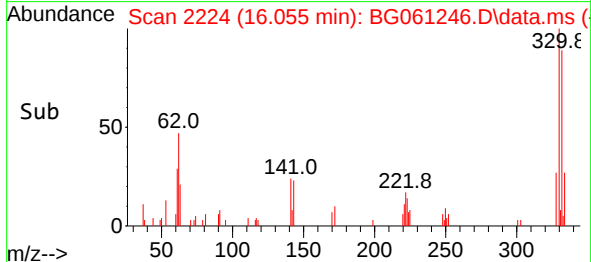
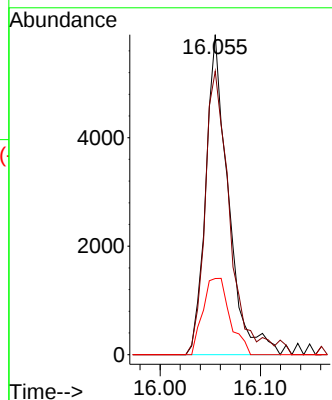
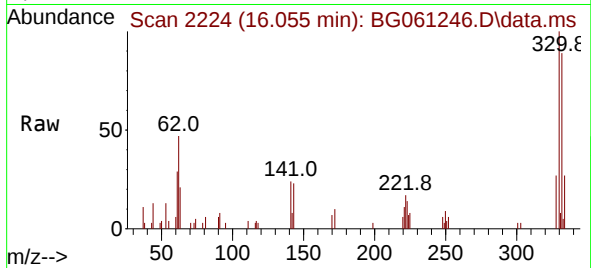




#42  
2,4,6-Tribromophenol  
Concen: 5.727 ng  
RT: 16.055 min Scan# 21  
Delta R.T. -0.020 min  
Lab File: BG061246.D  
Acq: 17 May 2024 19:58

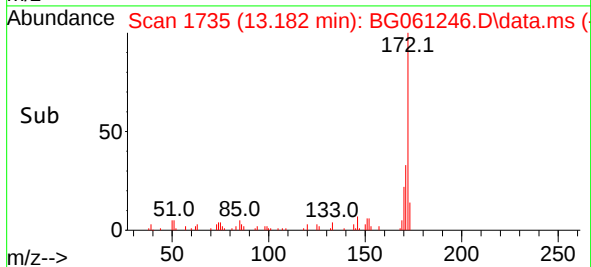
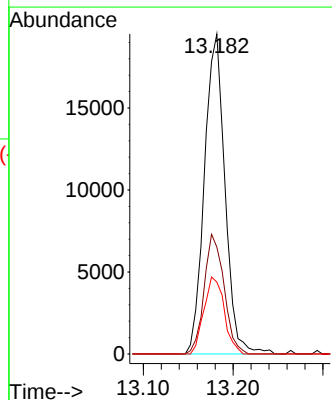
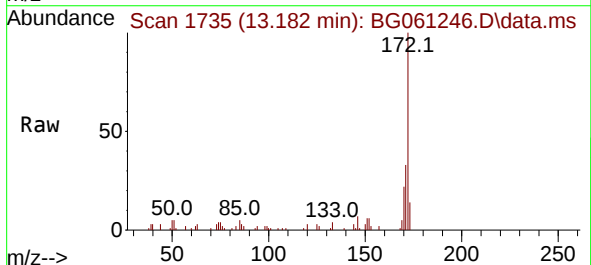
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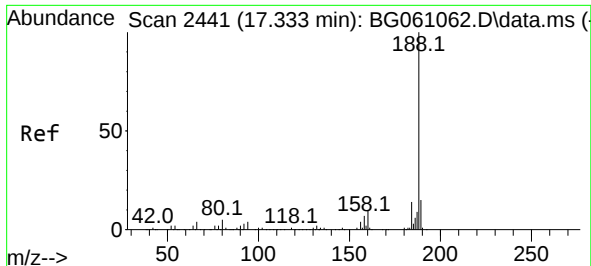
Tgt Ion:330 Resp: 9228  
Ion Ratio Lower Upper  
330 100  
332 97.7 78.6 117.8  
141 28.4 20.5 30.7



#45  
2-Fluorobiphenyl  
Concen: 5.688 ng  
RT: 13.182 min Scan# 1735  
Delta R.T. -0.026 min  
Lab File: BG061246.D  
Acq: 17 May 2024 19:58

Tgt Ion:172 Resp: 31012  
Ion Ratio Lower Upper  
172 100  
171 33.4 29.0 43.6  
170 22.4 20.2 30.4

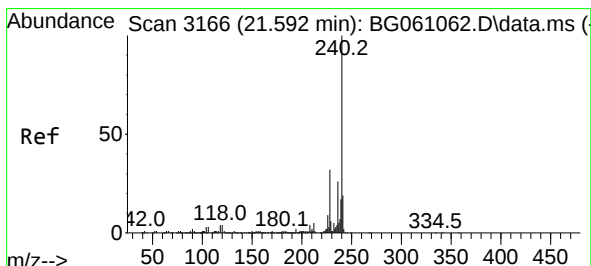
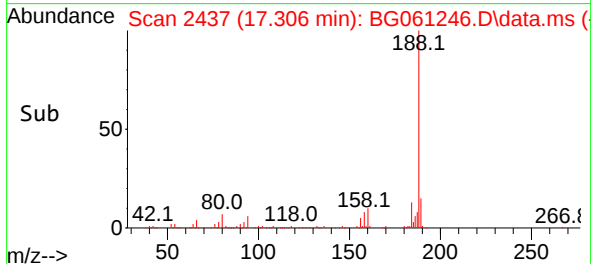
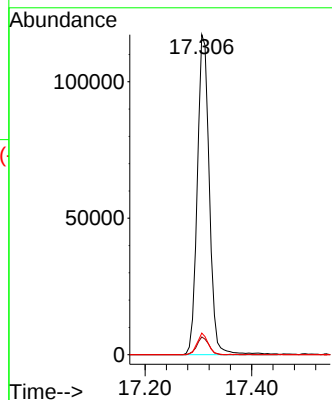
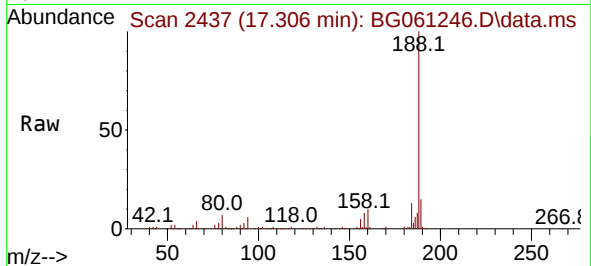




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.306 min Scan# 2441  
Delta R.T. -0.026 min  
Lab File: BG061246.D  
Acq: 17 May 2024 19:58

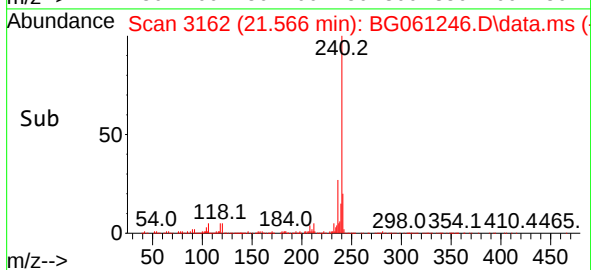
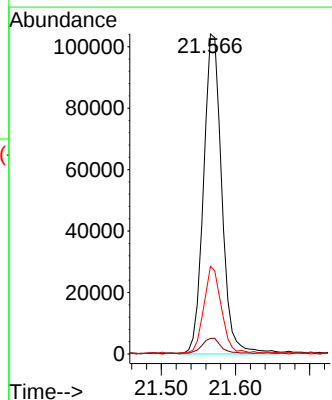
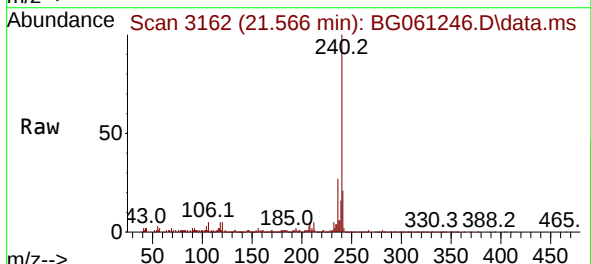
Instrument :  
BNA\_G  
ClientSampleId :  
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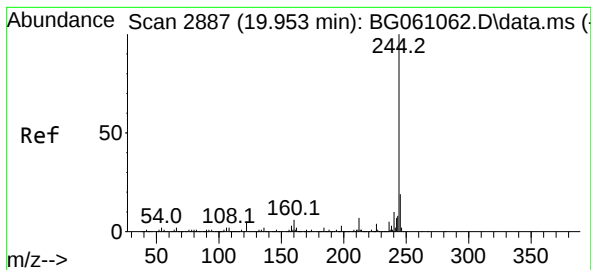
Tgt Ion:188 Resp: 182888  
Ion Ratio Lower Upper  
188 100  
94 5.5 3.6 5.4#  
80 6.8 4.2 6.2#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.566 min Scan# 3162  
Delta R.T. -0.026 min  
Lab File: BG061246.D  
Acq: 17 May 2024 19:58

Tgt Ion:240 Resp: 178508  
Ion Ratio Lower Upper  
240 100  
120 4.8 3.2 4.8#  
236 27.4 21.0 31.6





#79

Terphenyl-d14

Concen: 5.207 ng

RT: 19.927 min Scan# 21

Delta R.T. -0.026 min

Lab File: BG061246.D

Acq: 17 May 2024 19:58

Instrument :

BNA\_G

ClientSampleId :

280646

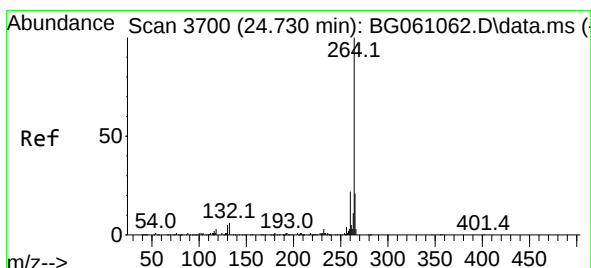
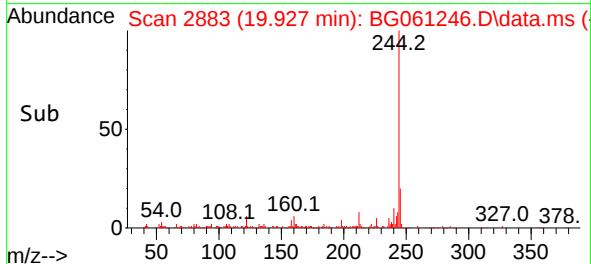
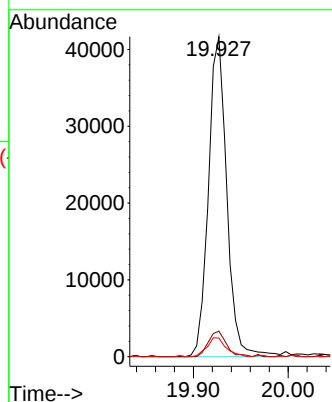
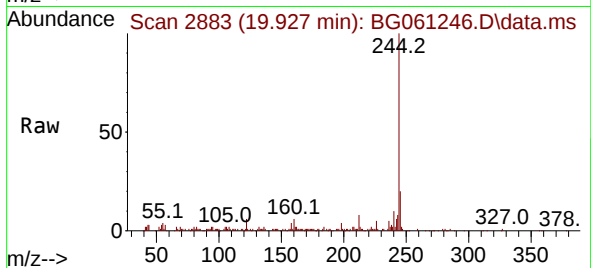
Tgt Ion:244 Resp: 55884

Ion Ratio Lower Upper

244 100

212 7.9 5.7 8.5

122 5.8 4.2 6.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.698 min Scan# 3695

Delta R.T. -0.032 min

Lab File: BG061246.D

Acq: 17 May 2024 19:58

Tgt Ion:264 Resp: 211428

Ion Ratio Lower Upper

264 100

260 23.3 17.7 26.5

265 22.8 16.4 24.6

