

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG050924\  
 Data File : BG061150.D  
 Acq On : 9 May 2024 13:37  
 Operator : MA/JU  
 Sample : PB160807BL  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB160807BL

Quant Time: May 09 14:21:24 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   | 7.932  | 152  | 19555    | 20.000  | ng    | -0.03    |
| 21) Naphthalene-d8          | 10.728 | 136  | 75352    | 20.000  | ng    | #-0.03   |
| 39) Acenaphthene-d10        | 14.559 | 164  | 63392    | 20.000  | ng    | -0.03    |
| 64) Phenanthrene-d10        | 17.309 | 188  | 181132   | 20.000  | ng    | -0.02    |
| 76) Chrysene-d12            | 21.569 | 240  | 188728   | 20.000  | ng    | #-0.02   |
| 86) Perylene-d12            | 24.700 | 264  | 213998   | 20.000  | ng    | -0.03    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.529  | 112  | 154663   | 160.851 | ng    | -0.02    |
| 7) Phenol-d6                | 7.109  | 99   | 207047   | 145.561 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 9.089  | 82   | 141169   | 92.872  | ng    | -0.03    |
| 42) 2,4,6-Tribromophenol    | 16.058 | 330  | 173525   | 136.947 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 13.184 | 172  | 397084   | 92.626  | ng    | -0.02    |
| 79) Terphenyl-d14           | 19.935 | 244  | 1089512  | 96.012  | ng    | -0.02    |

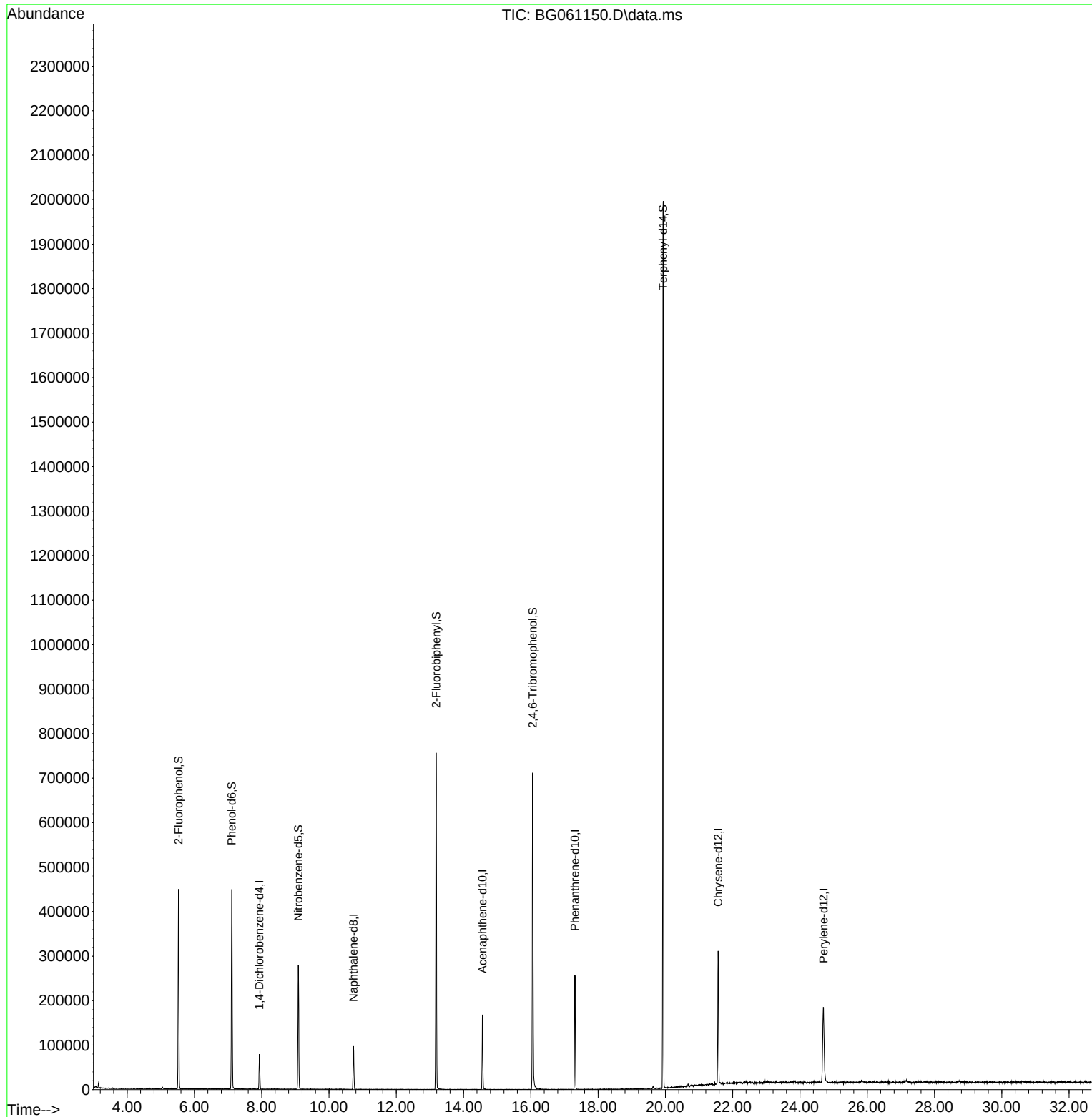
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

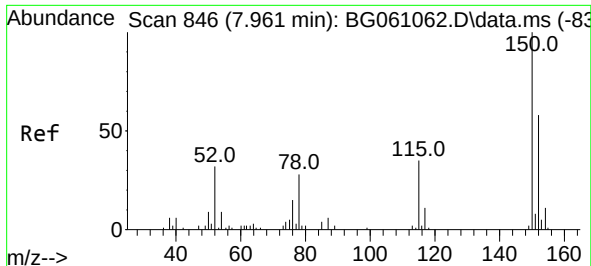
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG050924\  
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Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
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PB160807BL

Quant Time: May 09 14:21:24 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

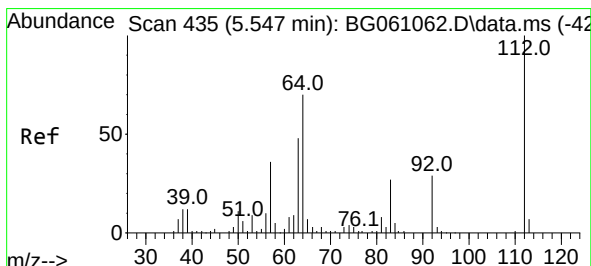
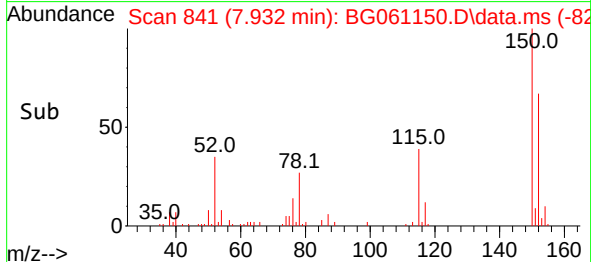
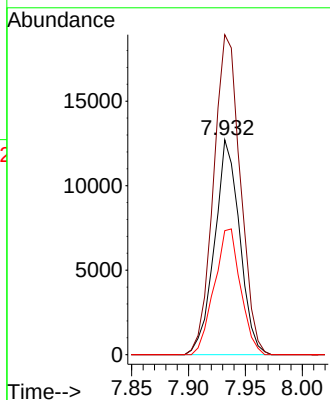
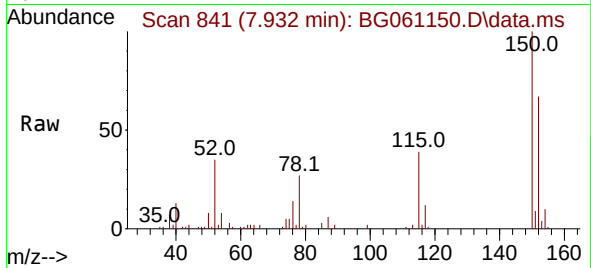




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.932 min Scan# 84  
Delta R.T. -0.029 min  
Lab File: BG061150.D  
Acq: 9 May 2024 13:37

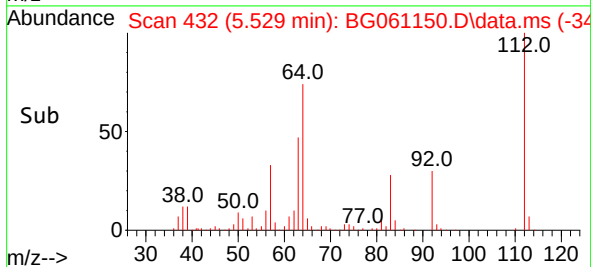
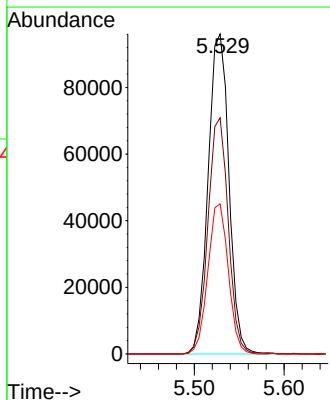
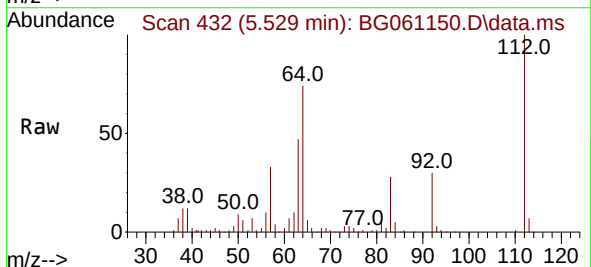
Instrument :  
BNA\_G  
ClientSampleId :  
PB160807BL

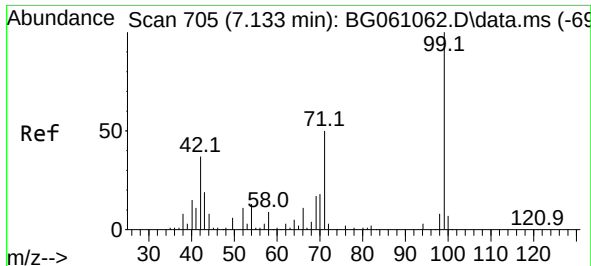
Tgt Ion:152 Resp: 19555  
Ion Ratio Lower Upper  
152 100  
150 148.9 138.3 207.5  
115 57.7 48.0 72.0



#5  
2-Fluorophenol  
Concen: 160.851 ng  
RT: 5.529 min Scan# 432  
Delta R.T. -0.018 min  
Lab File: BG061150.D  
Acq: 9 May 2024 13:37

Tgt Ion:112 Resp: 154663  
Ion Ratio Lower Upper  
112 100  
64 73.8 55.7 83.5  
63 46.9 38.1 57.1

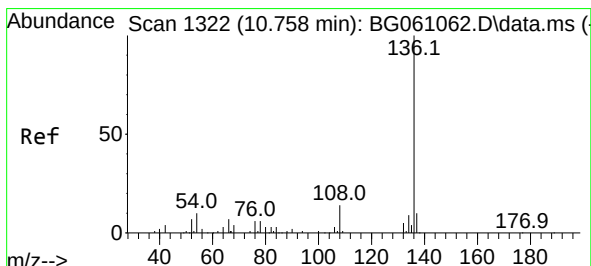
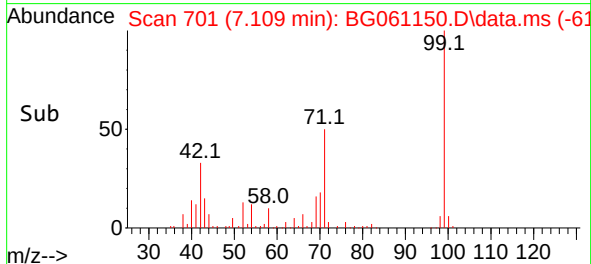
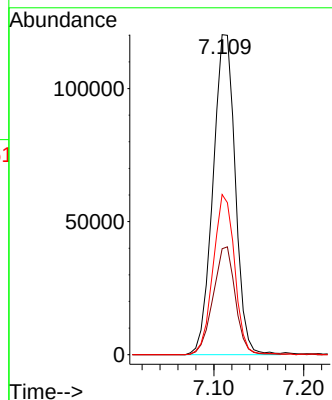
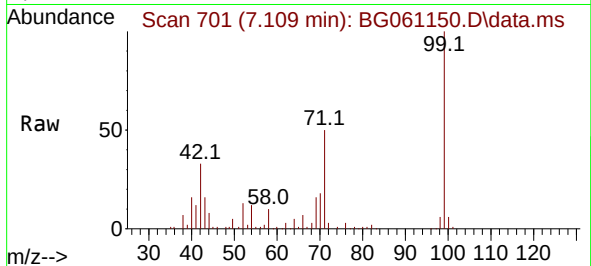




#7  
Phenol-d6  
Concen: 145.561 ng  
RT: 7.109 min Scan# 705  
Delta R.T. -0.024 min  
Lab File: BG061150.D  
Acq: 9 May 2024 13:37

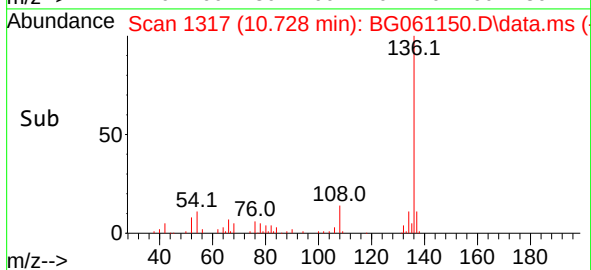
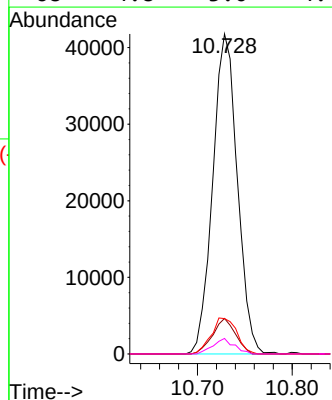
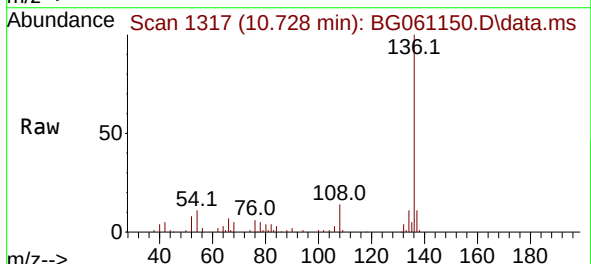
Instrument :  
BNA\_G  
ClientSampleId :  
PB160807BL

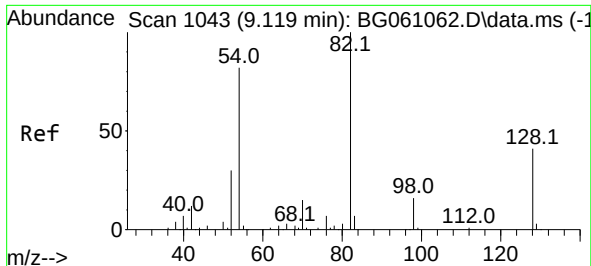
Tgt Ion: 99 Resp: 207047  
Ion Ratio Lower Upper  
99 100  
42 33.1 29.2 43.8  
71 50.1 39.7 59.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.728 min Scan# 1317  
Delta R.T. -0.030 min  
Lab File: BG061150.D  
Acq: 9 May 2024 13:37

Tgt Ion:136 Resp: 75352  
Ion Ratio Lower Upper  
136 100  
137 11.1 7.8 11.6  
54 11.0 8.1 12.1  
68 4.8 3.0 4.4#





#23

Nitrobenzene-d5

Concen: 92.872 ng

RT: 9.089 min Scan# 1043

Delta R.T. -0.030 min

Lab File: BG061150.D

Acq: 9 May 2024 13:37

Instrument :

BNA\_G

ClientSampleId :

PB160807BL

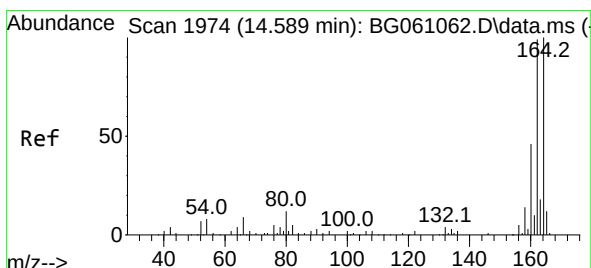
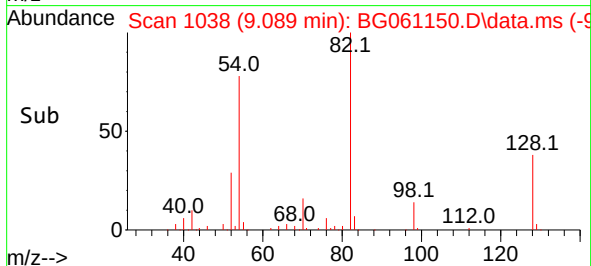
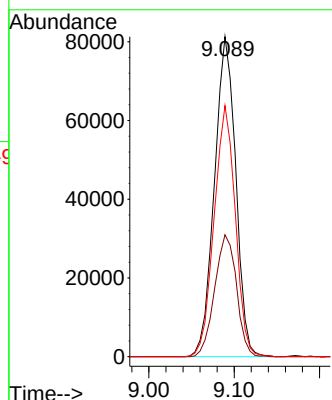
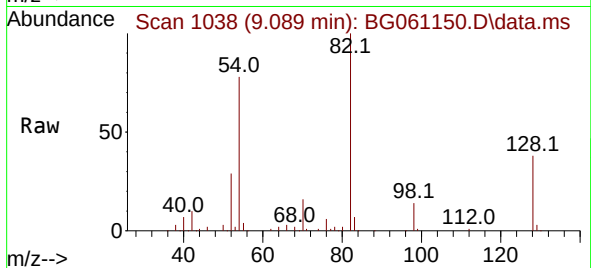
Tgt Ion: 82 Resp: 141169

Ion Ratio Lower Upper

82 100

128 38.1 32.7 49.1

54 78.5 65.6 98.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.559 min Scan# 1969

Delta R.T. -0.030 min

Lab File: BG061150.D

Acq: 9 May 2024 13:37

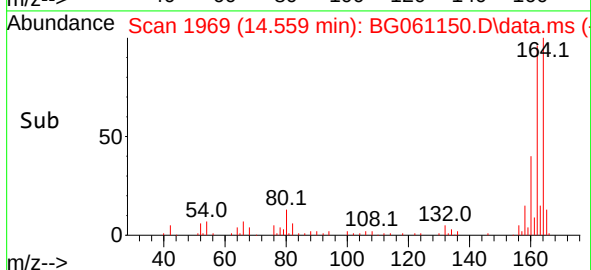
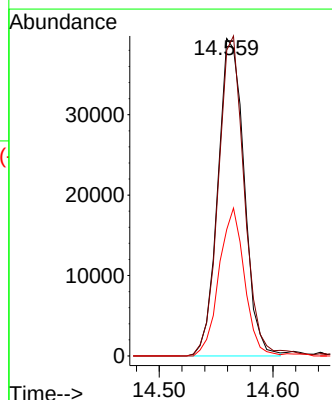
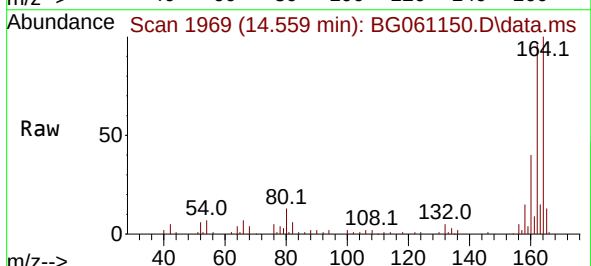
Tgt Ion:164 Resp: 63392

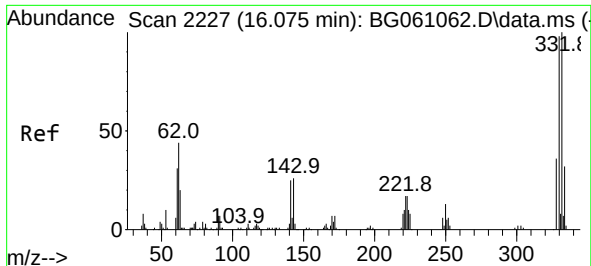
Ion Ratio Lower Upper

164 100

162 96.3 79.4 119.2

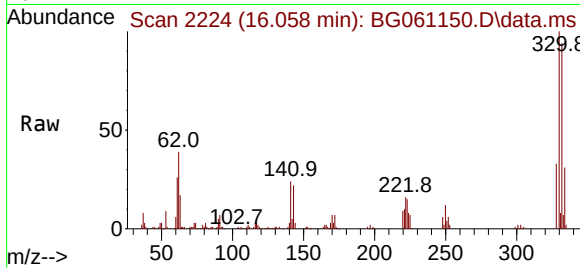
160 39.9 37.0 55.6



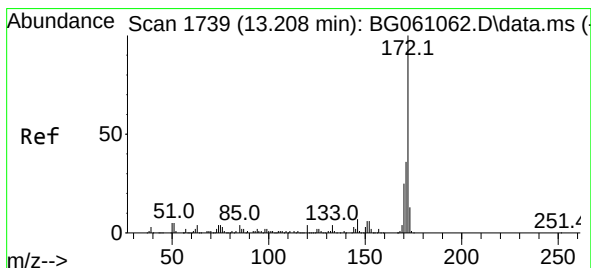
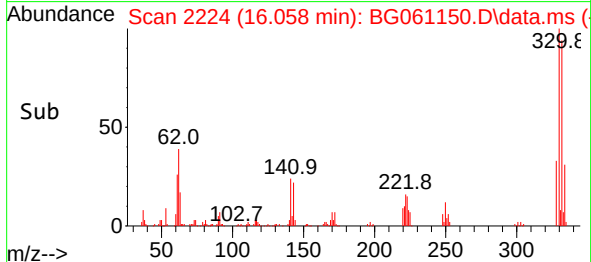
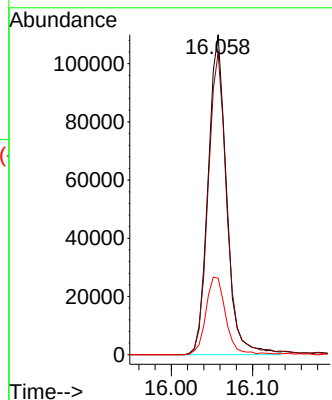


#42  
2,4,6-Tribromophenol  
Concen: 136.947 ng  
RT: 16.058 min Scan# 21  
Delta R.T. -0.018 min  
Lab File: BG061150.D  
Acq: 9 May 2024 13:37

Instrument :  
BNA\_G  
ClientSampleId :  
PB160807BL

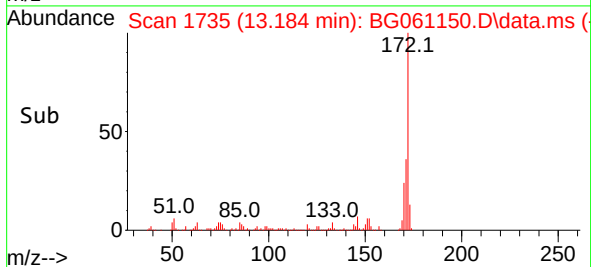
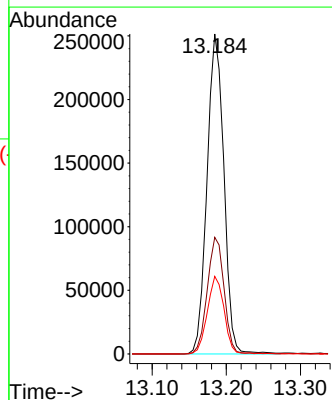
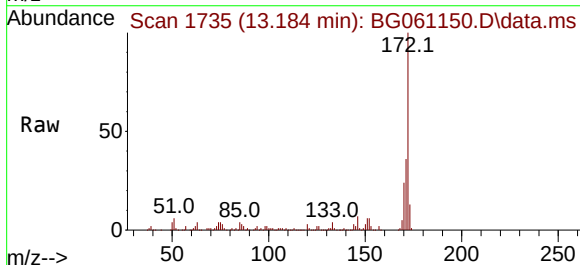


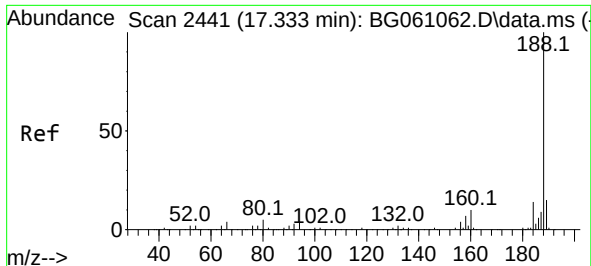
Tgt Ion:330 Resp: 173525  
Ion Ratio Lower Upper  
330 100  
332 96.7 78.6 117.8  
141 26.2 20.5 30.7



#45  
2-Fluorobiphenyl  
Concen: 92.626 ng  
RT: 13.184 min Scan# 1735  
Delta R.T. -0.024 min  
Lab File: BG061150.D  
Acq: 9 May 2024 13:37

Tgt Ion:172 Resp: 397084  
Ion Ratio Lower Upper  
172 100  
171 36.4 29.0 43.6  
170 24.3 20.2 30.4

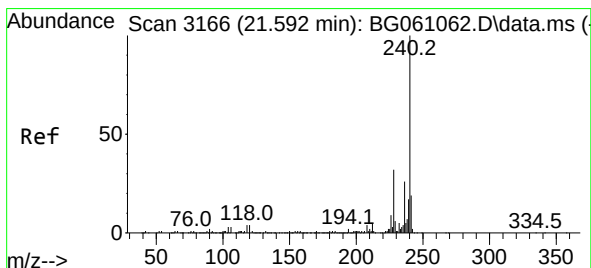
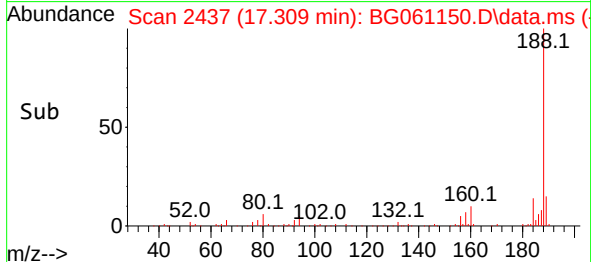
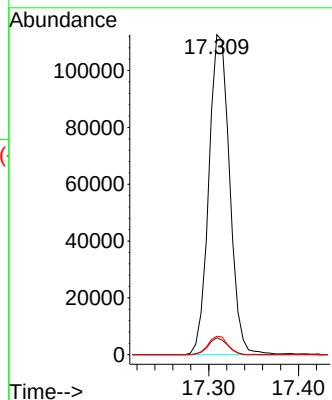
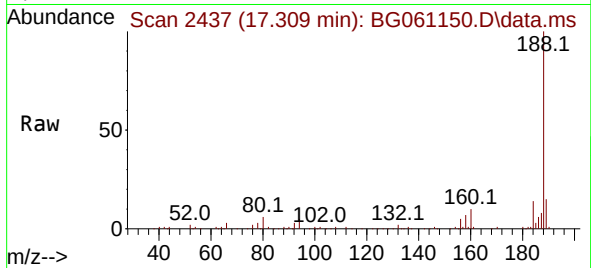




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.309 min Scan# 2441  
Delta R.T. -0.024 min  
Lab File: BG061150.D  
Acq: 9 May 2024 13:37

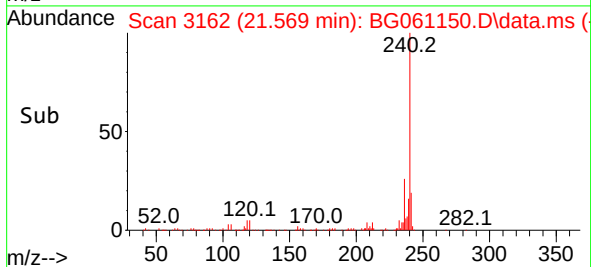
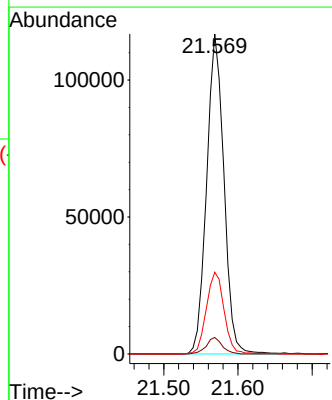
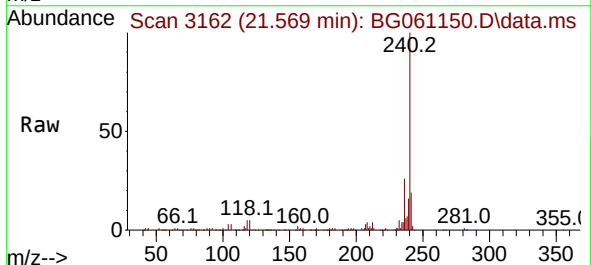
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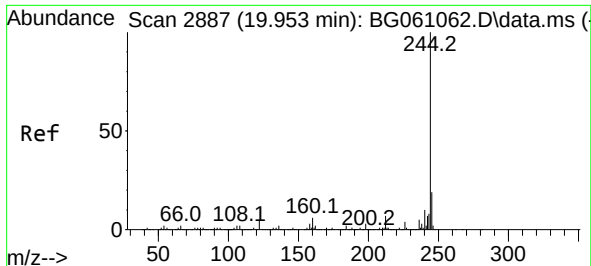
Tgt Ion:188 Resp: 181132  
Ion Ratio Lower Upper  
188 100  
94 5.3 3.6 5.4  
80 5.8 4.2 6.2



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.569 min Scan# 3162  
Delta R.T. -0.024 min  
Lab File: BG061150.D  
Acq: 9 May 2024 13:37

Tgt Ion:240 Resp: 188728  
Ion Ratio Lower Upper  
240 100  
120 5.2 3.2 4.8#  
236 25.6 21.0 31.6

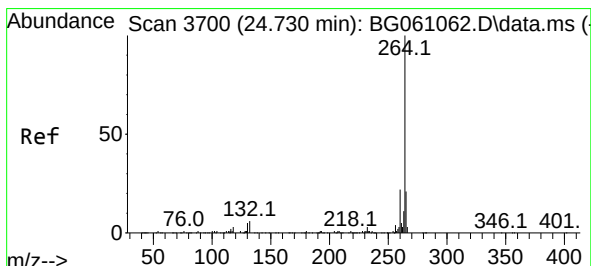
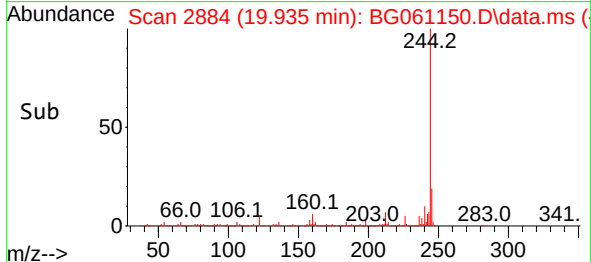
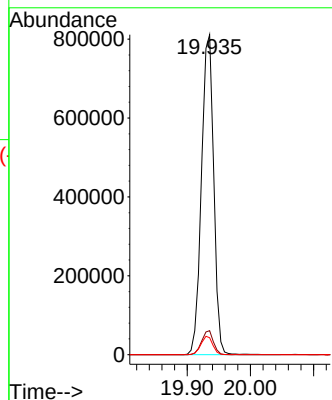
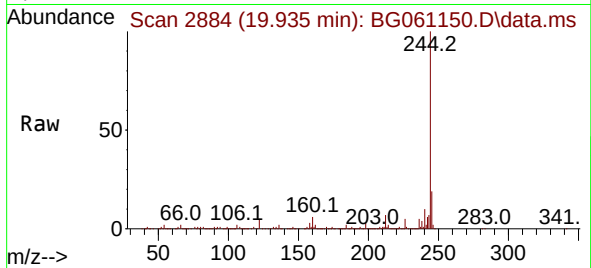




#79  
 Terphenyl-d14  
 Concen: 96.012 ng  
 RT: 19.935 min Scan# 21  
 Delta R.T. -0.018 min  
 Lab File: BG061150.D  
 Acq: 9 May 2024 13:37

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB160807BL

Tgt Ion:244 Resp: 1089512  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 5.7 8.5  
 122 5.3 4.2 6.2



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.700 min Scan# 3695  
 Delta R.T. -0.030 min  
 Lab File: BG061150.D  
 Acq: 9 May 2024 13:37

Tgt Ion:264 Resp: 213998  
 Ion Ratio Lower Upper  
 264 100  
 260 22.6 17.7 26.5  
 265 22.1 16.4 24.6

