

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG051724\  
 Data File : BG061233.D  
 Acq On : 17 May 2024 11:02  
 Operator : MA/JU  
 Sample : PB160948BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB160948BL

Quant Time: May 17 11:47:50 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   | 7.931  | 152  | 16045    | 20.000  | ng    | -0.03    |
| 21) Naphthalene-d8          | 10.722 | 136  | 64017    | 20.000  | ng    | -0.04    |
| 39) Acenaphthene-d10        | 14.559 | 164  | 55181    | 20.000  | ng    | -0.03    |
| 64) Phenanthrene-d10        | 17.309 | 188  | 160784   | 20.000  | ng    | #-0.02   |
| 76) Chrysene-d12            | 21.568 | 240  | 183342   | 20.000  | ng    | #-0.02   |
| 86) Perylene-d12            | 24.700 | 264  | 208058   | 20.000  | ng    | -0.03    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.522  | 112  | 127352   | 161.421 | ng    | -0.02    |
| 7) Phenol-d6                | 7.109  | 99   | 173796   | 148.913 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 9.083  | 82   | 120235   | 93.105  | ng    | -0.04    |
| 42) 2,4,6-Tribromophenol    | 16.057 | 330  | 145057   | 131.515 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 13.184 | 172  | 334614   | 89.668  | ng    | -0.02    |
| 79) Terphenyl-d14           | 19.929 | 244  | 999399   | 90.658  | ng    | -0.02    |

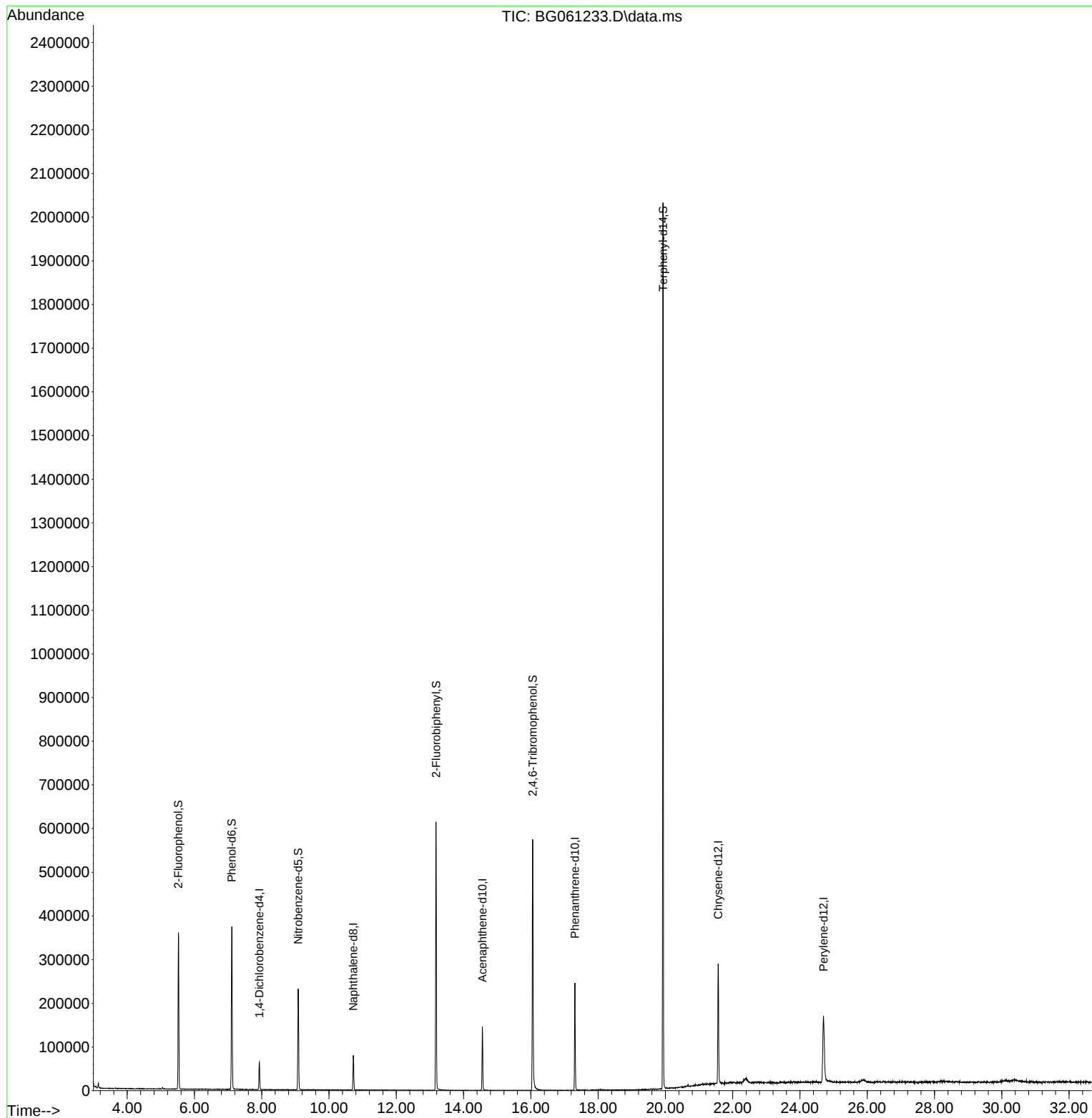
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

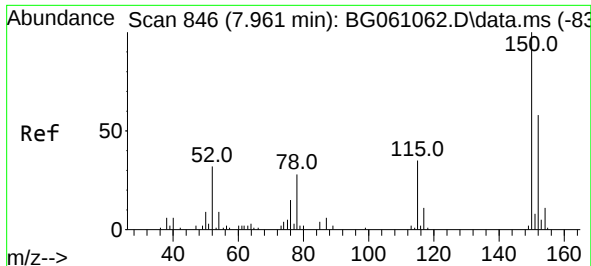
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG051724\  
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ALS Vial : 3 Sample Multiplier: 1

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Quant Time: May 17 11:47:50 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

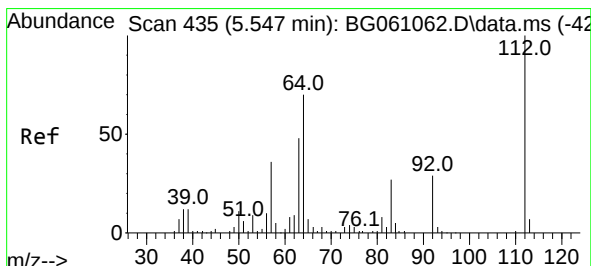
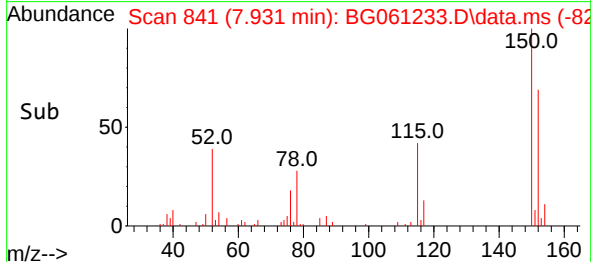
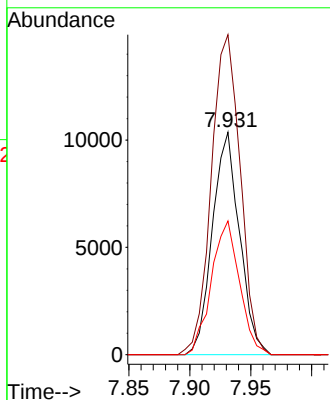
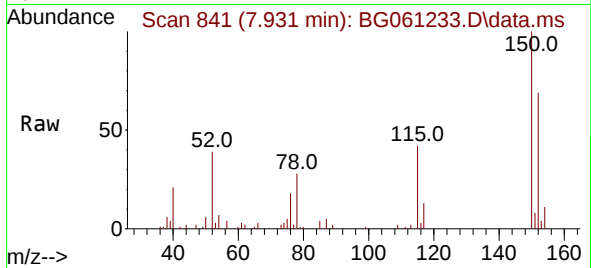




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.931 min Scan# 846  
Delta R.T. -0.030 min  
Lab File: BG061233.D  
Acq: 17 May 2024 11:02

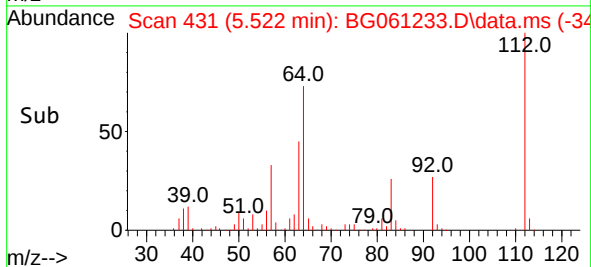
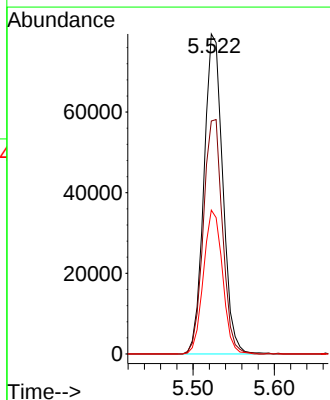
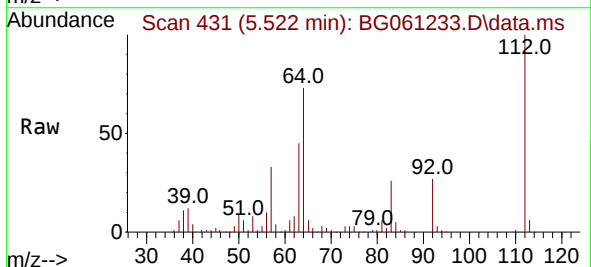
Instrument :  
BNA\_G  
ClientSampleId :  
PB160948BL

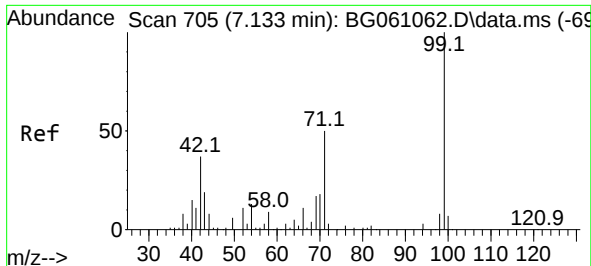
Tgt Ion:152 Resp: 16045  
Ion Ratio Lower Upper  
152 100  
150 143.9 138.3 207.5  
115 60.1 48.0 72.0



#5  
2-Fluorophenol  
Concen: 161.421 ng  
RT: 5.522 min Scan# 431  
Delta R.T. -0.024 min  
Lab File: BG061233.D  
Acq: 17 May 2024 11:02

Tgt Ion:112 Resp: 127352  
Ion Ratio Lower Upper  
112 100  
64 72.8 55.7 83.5  
63 44.9 38.1 57.1

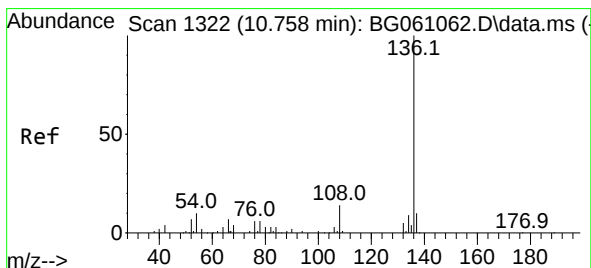
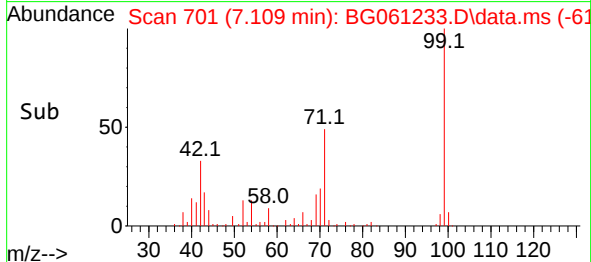
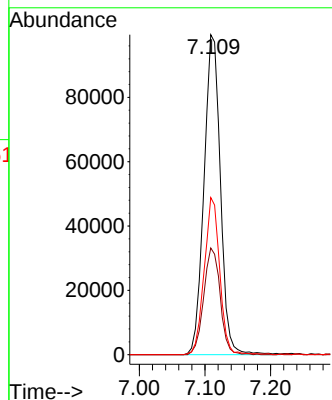
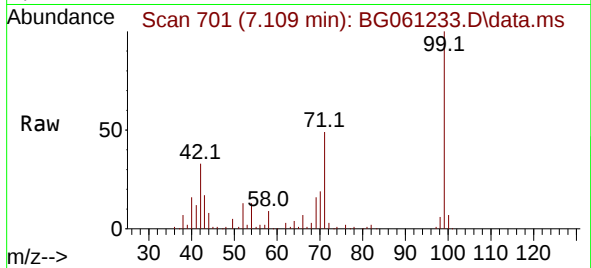




#7  
Phenol-d6  
Concen: 148.913 ng  
RT: 7.109 min Scan# 705  
Delta R.T. -0.024 min  
Lab File: BG061233.D  
Acq: 17 May 2024 11:02

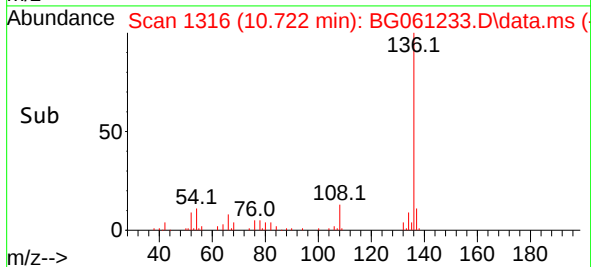
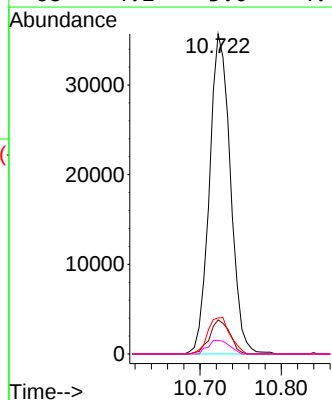
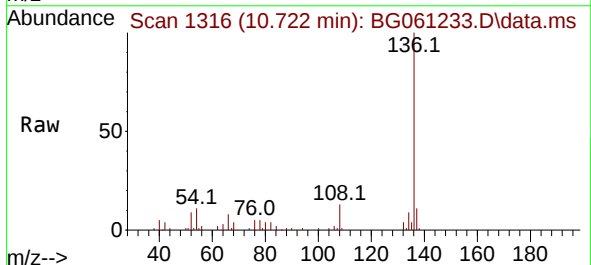
Instrument :  
BNA\_G  
ClientSampleId :  
PB160948BL

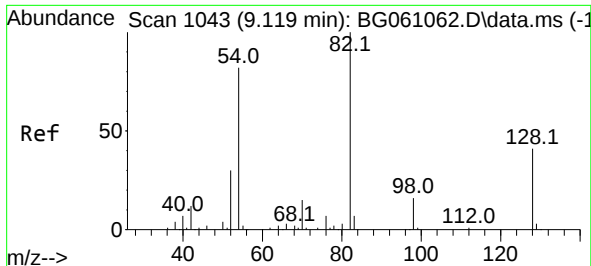
Tgt Ion: 99 Resp: 173796  
Ion Ratio Lower Upper  
99 100  
42 33.4 29.2 43.8  
71 49.1 39.7 59.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.722 min Scan# 1316  
Delta R.T. -0.036 min  
Lab File: BG061233.D  
Acq: 17 May 2024 11:02

Tgt Ion:136 Resp: 64017  
Ion Ratio Lower Upper  
136 100  
137 10.6 7.8 11.6  
54 11.2 8.1 12.1  
68 4.2 3.0 4.4





#23

Nitrobenzene-d5

Concen: 93.105 ng

RT: 9.083 min Scan# 1043

Delta R.T. -0.036 min

Lab File: BG061233.D

Acq: 17 May 2024 11:02

Instrument :

BNA\_G

ClientSampleId :

PB160948BL

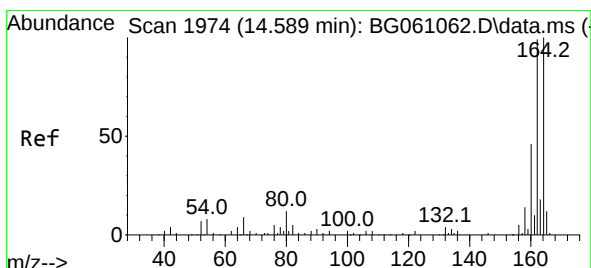
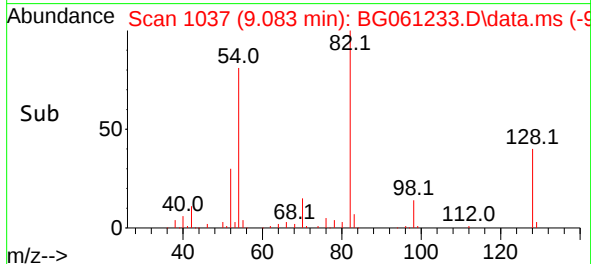
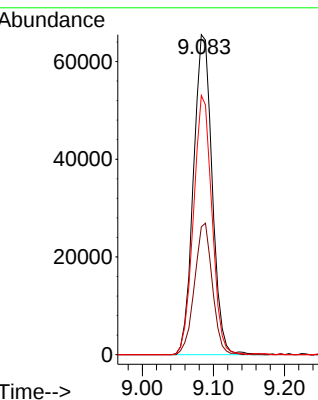
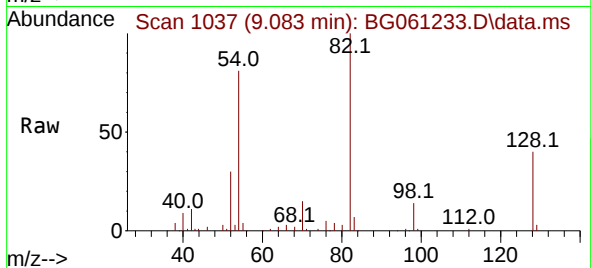
Tgt Ion: 82 Resp: 120235

Ion Ratio Lower Upper

82 100

128 40.0 32.7 49.1

54 81.0 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: BG061233.D

Acq: 17 May 2024 11:02

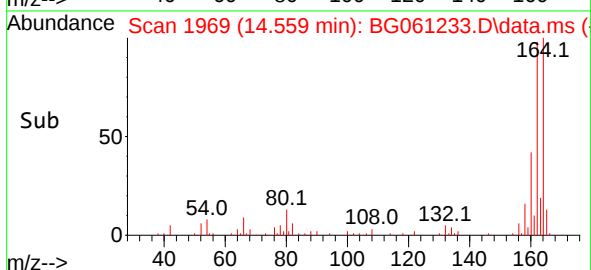
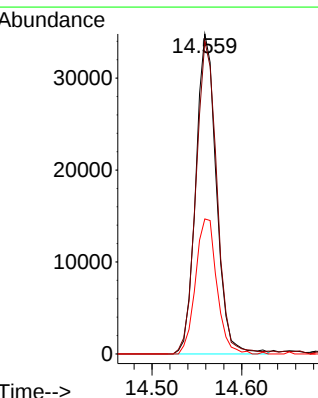
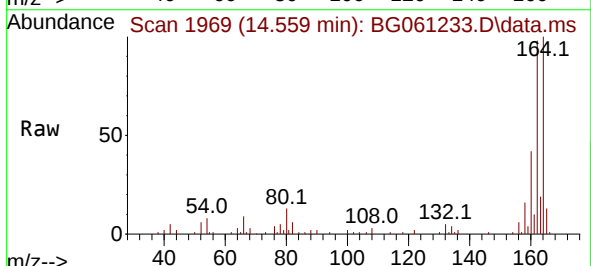
Tgt Ion:164 Resp: 55181

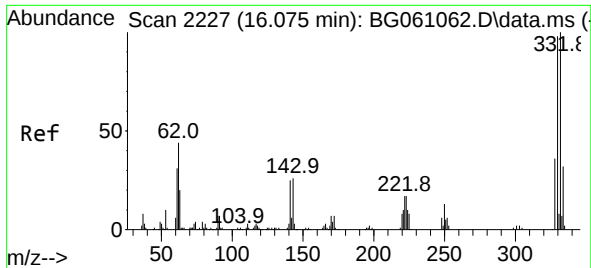
Ion Ratio Lower Upper

164 100

162 97.7 79.4 119.2

160 42.2 37.0 55.6

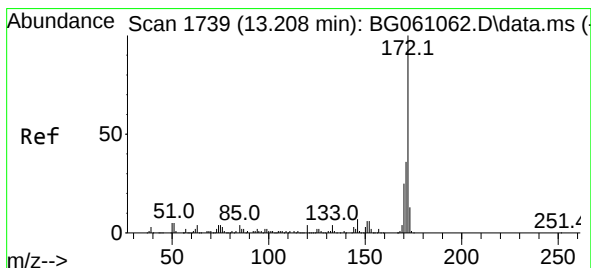
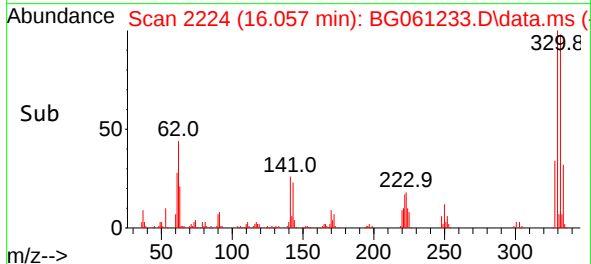
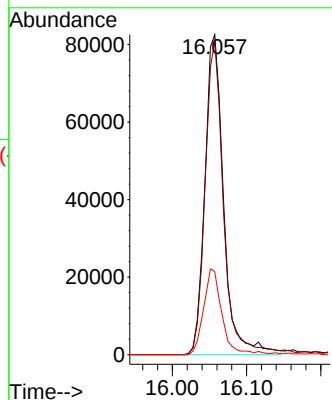
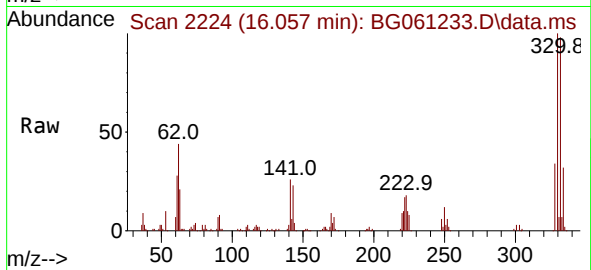




#42  
2,4,6-Tribromophenol  
Concen: 131.515 ng  
RT: 16.057 min Scan# 21  
Delta R.T. -0.018 min  
Lab File: BG061233.D  
Acq: 17 May 2024 11:02

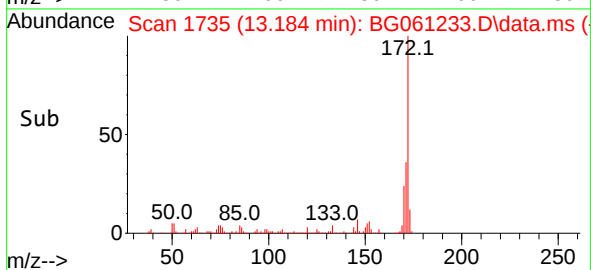
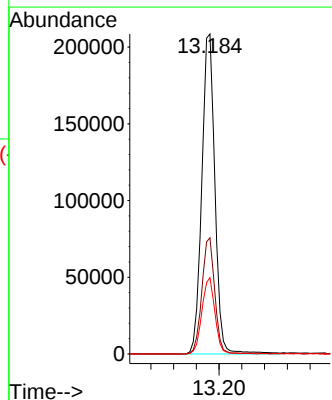
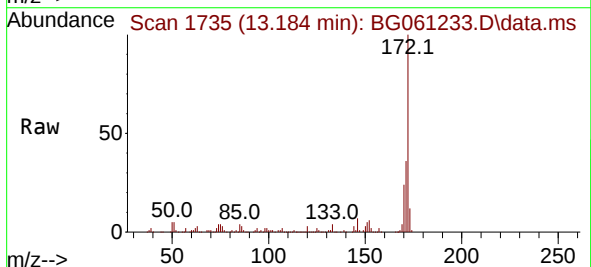
Instrument :  
BNA\_G  
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PB160948BL

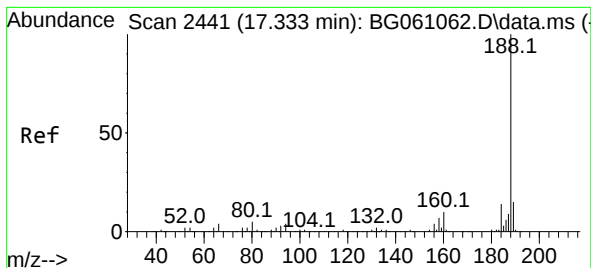
Tgt Ion:330 Resp: 145057  
Ion Ratio Lower Upper  
330 100  
332 96.3 78.6 117.8  
141 26.2 20.5 30.7



#45  
2-Fluorobiphenyl  
Concen: 89.668 ng  
RT: 13.184 min Scan# 1735  
Delta R.T. -0.024 min  
Lab File: BG061233.D  
Acq: 17 May 2024 11:02

Tgt Ion:172 Resp: 334614  
Ion Ratio Lower Upper  
172 100  
171 36.3 29.0 43.6  
170 23.9 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: BG061233.D

Acq: 17 May 2024 11:02

Instrument :

BNA\_G

ClientSampleId :

PB160948BL

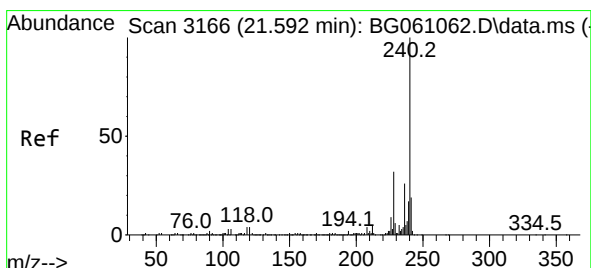
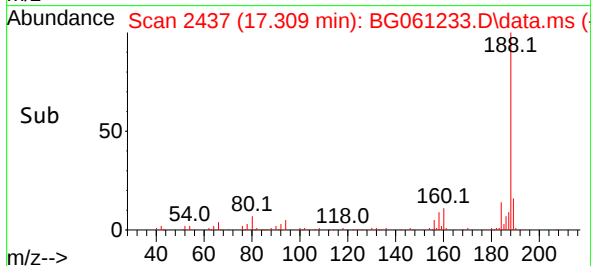
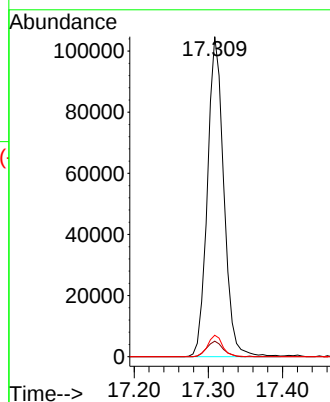
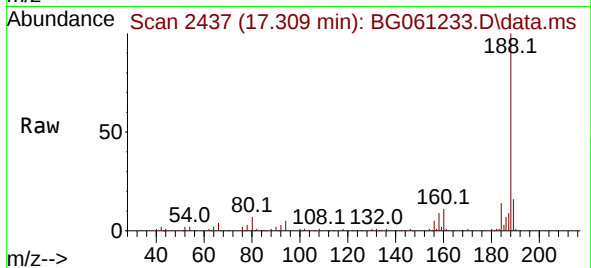
Tgt Ion:188 Resp: 160784

Ion Ratio Lower Upper

188 100

94 4.9 3.6 5.4

80 6.7 4.2 6.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.568 min Scan# 3162

Delta R.T. -0.024 min

Lab File: BG061233.D

Acq: 17 May 2024 11:02

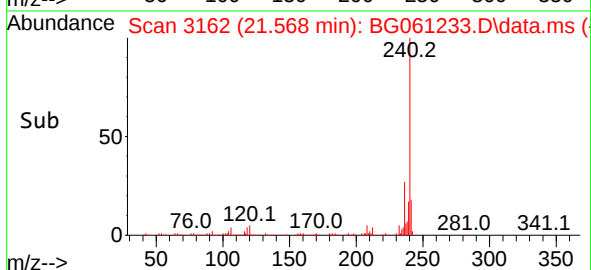
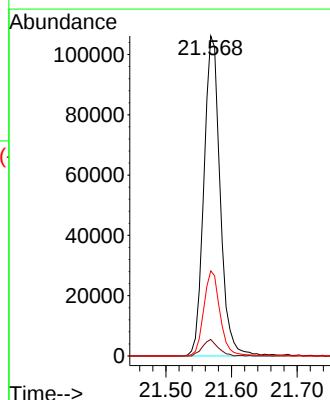
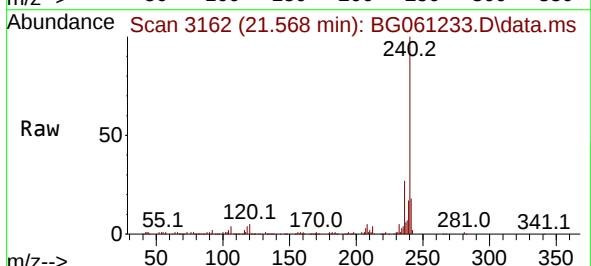
Tgt Ion:240 Resp: 183342

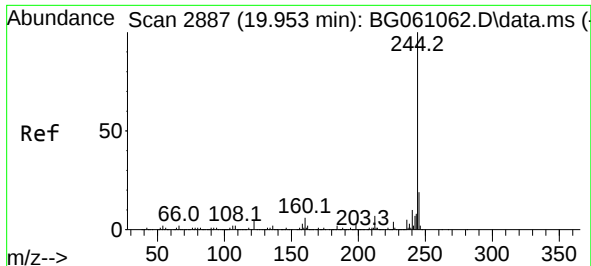
Ion Ratio Lower Upper

240 100

120 5.1 3.2 4.8#

236 26.6 21.0 31.6

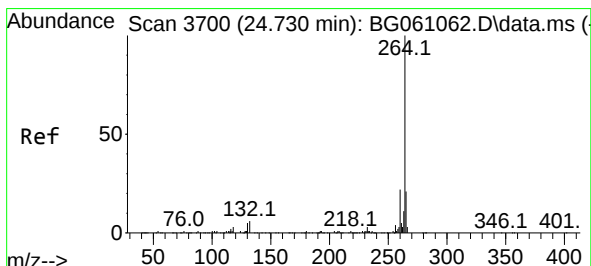
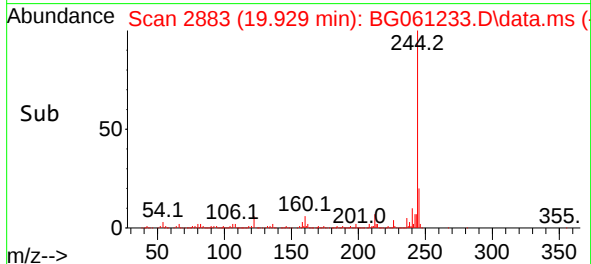
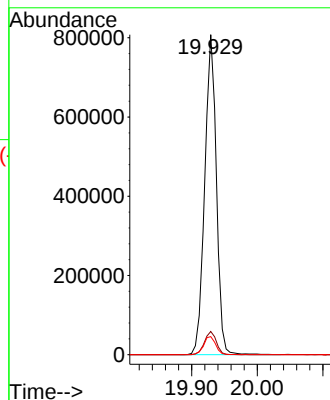
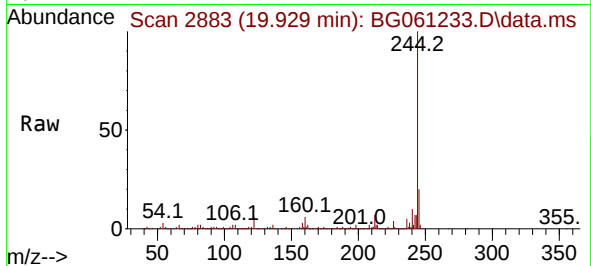




#79  
 Terphenyl-d14  
 Concen: 90.658 ng  
 RT: 19.929 min Scan# 21  
 Delta R.T. -0.024 min  
 Lab File: BG061233.D  
 Acq: 17 May 2024 11:02

Instrument :  
 BNA\_G  
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 PB160948BL

Tgt Ion:244 Resp: 999399  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.7 8.5  
 122 5.6 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: BG061233.D  
 Acq: 17 May 2024 11:02

Tgt Ion:264 Resp: 208058  
 Ion Ratio Lower Upper  
 264 100  
 260 21.8 17.7 26.5  
 265 21.8 16.4 24.6

