

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111723\  
 Data File : BG059742.D  
 Acq On : 17 Nov 2023 22:57  
 Operator : MA/JU  
 Sample : 05311-07  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-3

Quant Time: Nov 18 04:23:27 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   | 8.342  | 152  | 21275    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.186 | 136  | 103957   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.970 | 164  | 74162    | 20.000  | ng    | # 0.00   |
| 64) Phenanthrene-d10        | 17.720 | 188  | 187635   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 22.044 | 240  | 162160   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 25.628 | 264  | 197501   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.834  | 112  | 112103   | 88.689  | ng    | 0.00     |
| 7) Phenol-d6                | 7.455  | 99   | 173780   | 92.775  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.541  | 82   | 153211   | 56.287  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.451 | 330  | 94076    | 111.801 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.589 | 172  | 321816   | 58.410  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.293 | 244  | 646111   | 58.820  | ng    | 0.00     |

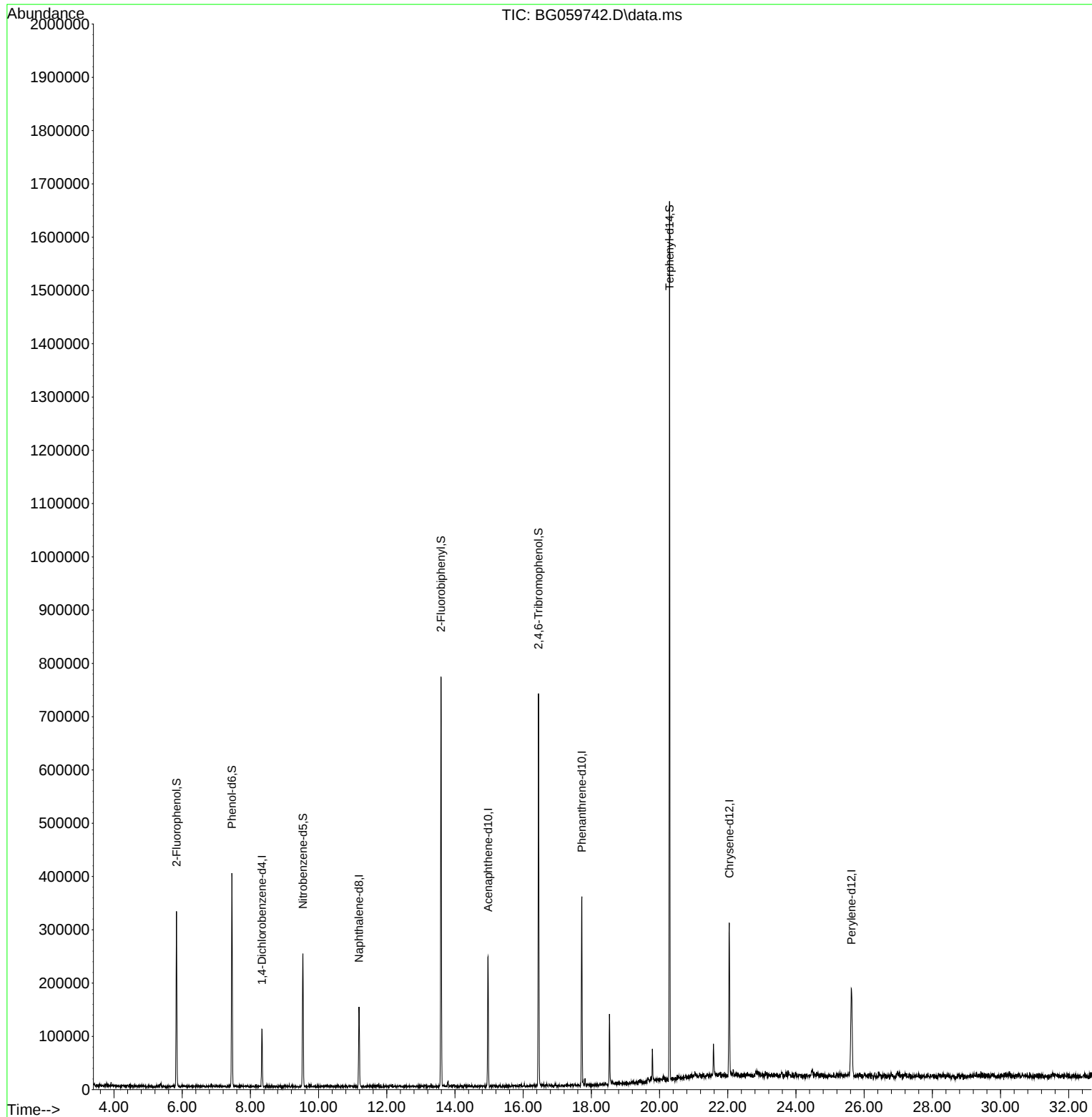
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

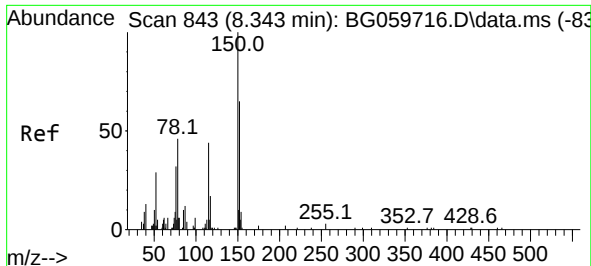
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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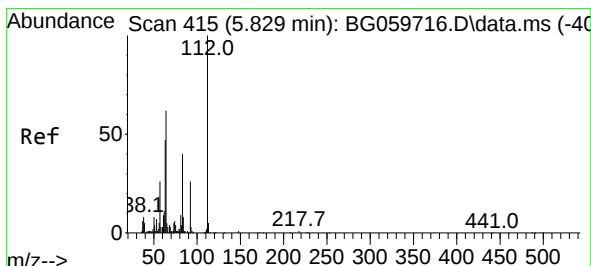
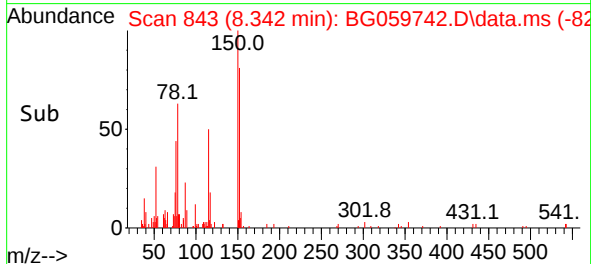
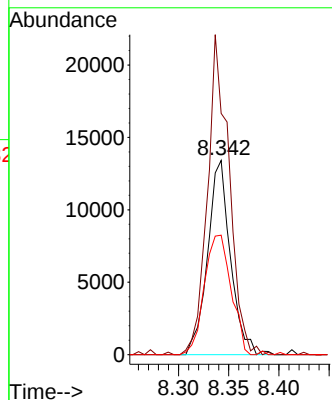
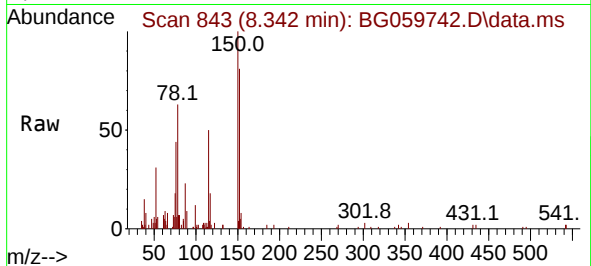




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.342 min Scan# 84  
Delta R.T. -0.001 min  
Lab File: BG059742.D  
Acq: 17 Nov 2023 22:57

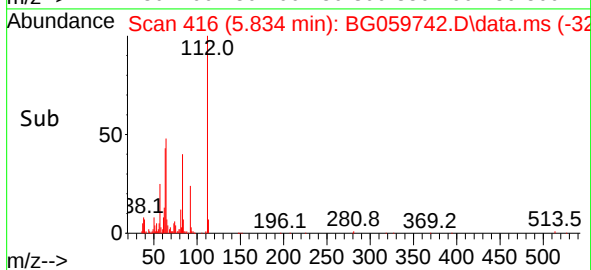
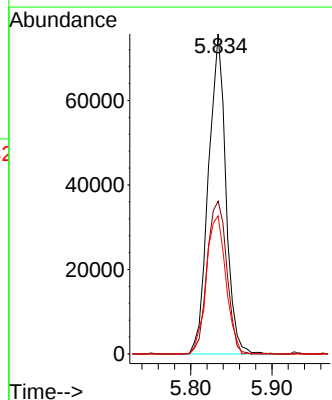
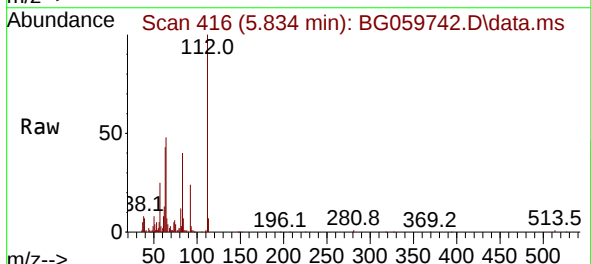
Instrument :  
BNA\_G  
ClientSampleId :  
TP-3

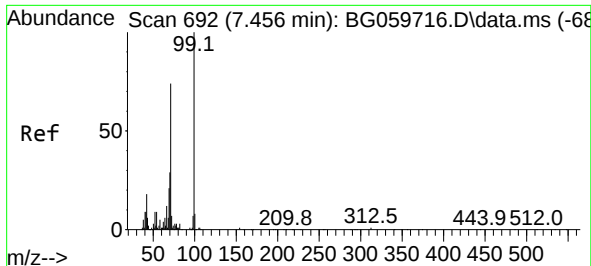
Tgt Ion:152 Resp: 21275  
Ion Ratio Lower Upper  
152 100  
150 124.2 122.2 183.4  
115 61.5 54.2 81.4



#5  
2-Fluorophenol  
Concen: 88.689 ng  
RT: 5.834 min Scan# 416  
Delta R.T. 0.005 min  
Lab File: BG059742.D  
Acq: 17 Nov 2023 22:57

Tgt Ion:112 Resp: 112103  
Ion Ratio Lower Upper  
112 100  
64 47.7 49.5 74.3#  
63 43.2 37.4 56.2

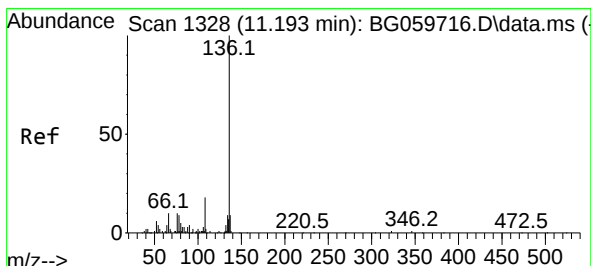
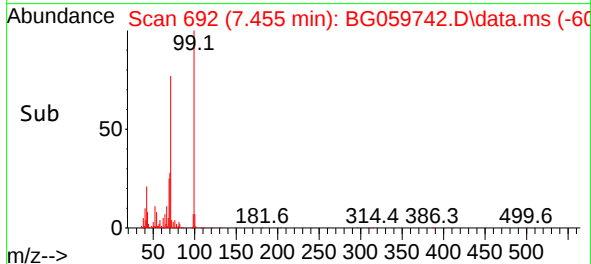
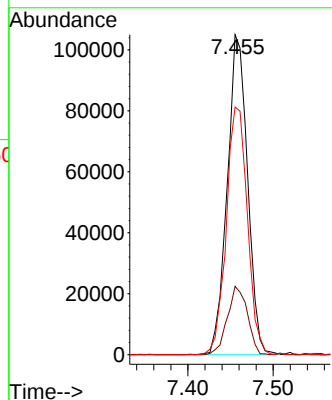
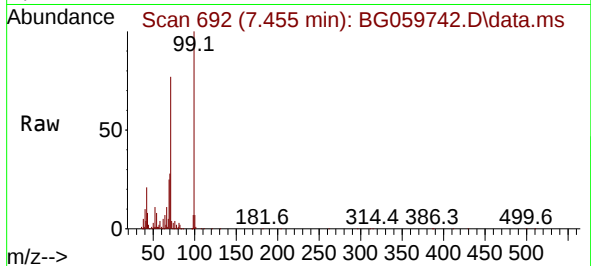




#7  
Phenol-d6  
Concen: 92.775 ng  
RT: 7.455 min Scan# 692  
Delta R.T. -0.001 min  
Lab File: BG059742.D  
Acq: 17 Nov 2023 22:57

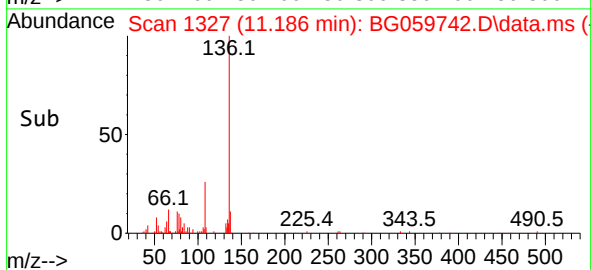
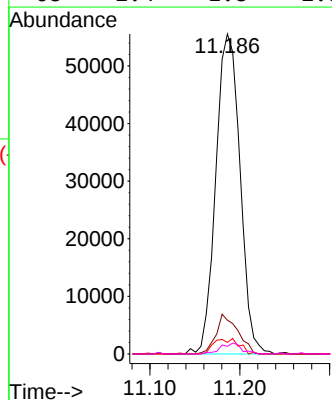
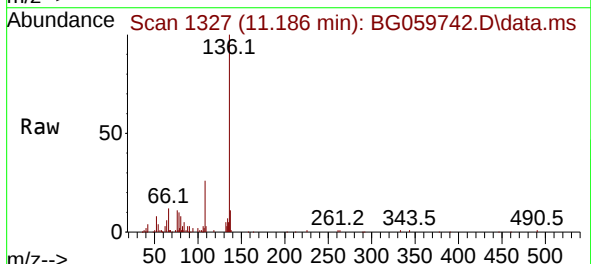
Instrument :  
BNA\_G  
ClientSampleId :  
TP-3

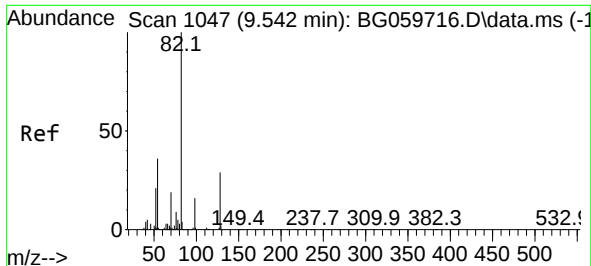
Tgt Ion: 99 Resp: 173780  
Ion Ratio Lower Upper  
99 100  
42 21.4 14.3 21.5  
71 77.4 59.3 88.9



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.186 min Scan# 1327  
Delta R.T. -0.007 min  
Lab File: BG059742.D  
Acq: 17 Nov 2023 22:57

Tgt Ion: 136 Resp: 103957  
Ion Ratio Lower Upper  
136 100  
137 10.6 7.4 11.0  
54 3.6 3.1 4.7  
68 2.4 1.8 2.8





#23

Nitrobenzene-d5

Concen: 56.287 ng

RT: 9.541 min Scan# 1047

Delta R.T. -0.001 min

Lab File: BG059742.D

Acq: 17 Nov 2023 22:57

Instrument :

BNA\_G

ClientSampleId :

TP-3

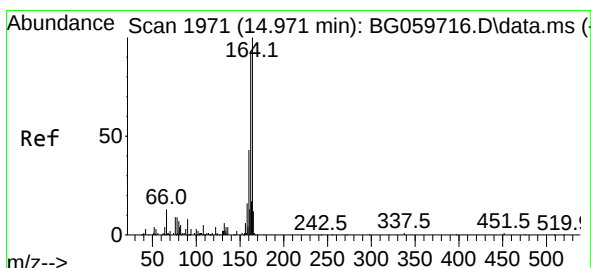
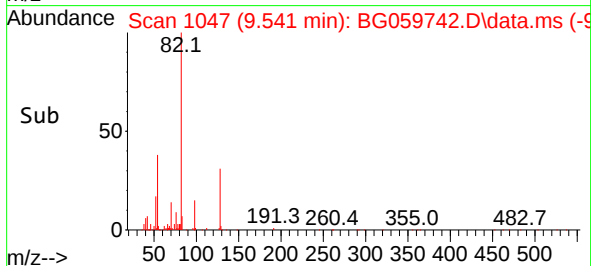
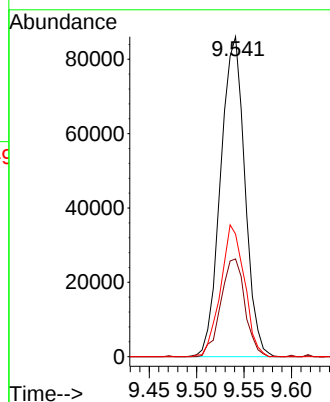
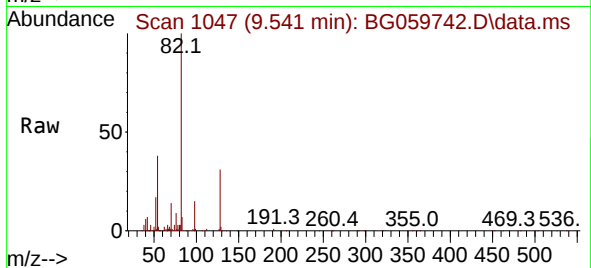
Tgt Ion: 82 Resp: 153211

Ion Ratio Lower Upper

82 100

128 30.5 23.0 34.6

54 38.3 28.7 43.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.970 min Scan# 1971

Delta R.T. -0.001 min

Lab File: BG059742.D

Acq: 17 Nov 2023 22:57

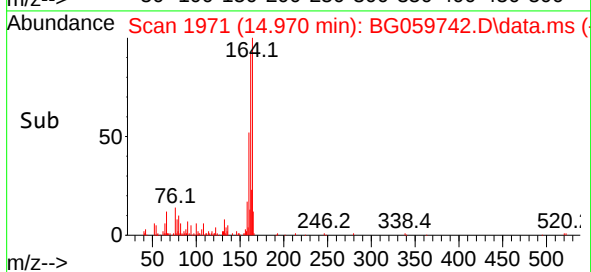
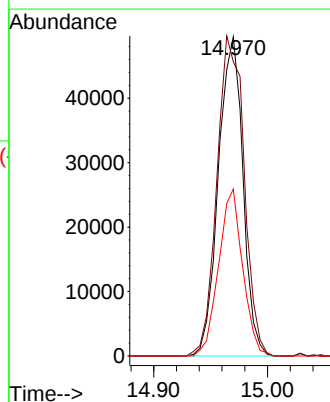
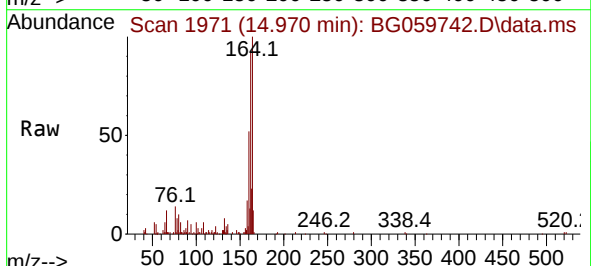
Tgt Ion:164 Resp: 74162

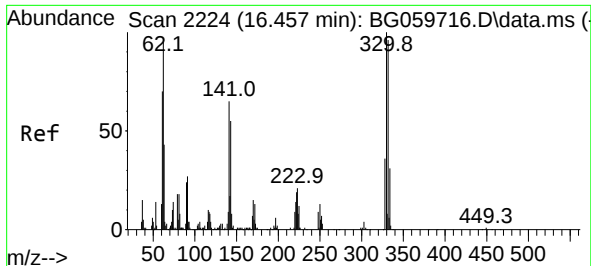
Ion Ratio Lower Upper

164 100

162 92.2 73.3 109.9

160 52.3 34.1 51.1#

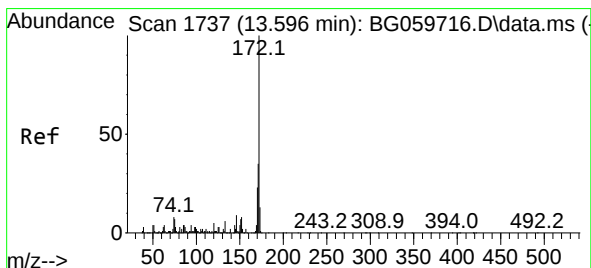
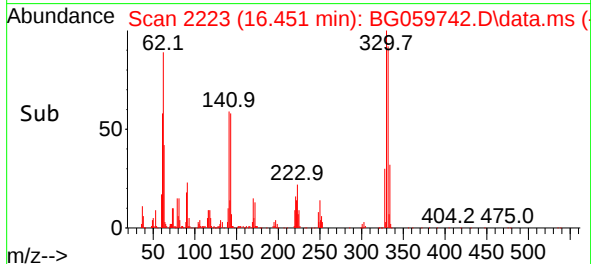
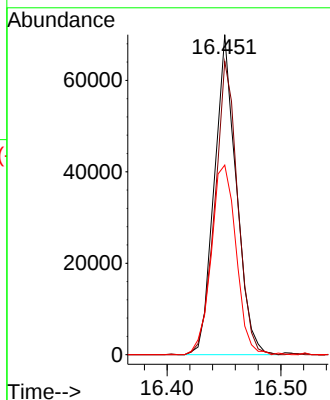
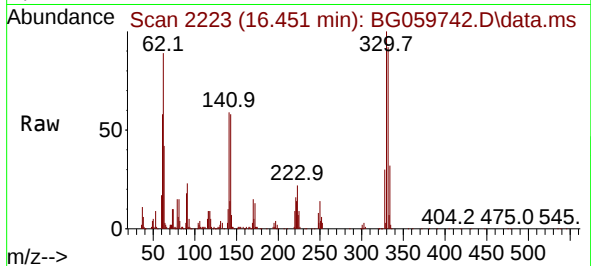




#42  
2,4,6-Tribromophenol  
Concen: 111.801 ng  
RT: 16.451 min Scan# 21  
Delta R.T. -0.007 min  
Lab File: BG059742.D  
Acq: 17 Nov 2023 22:57

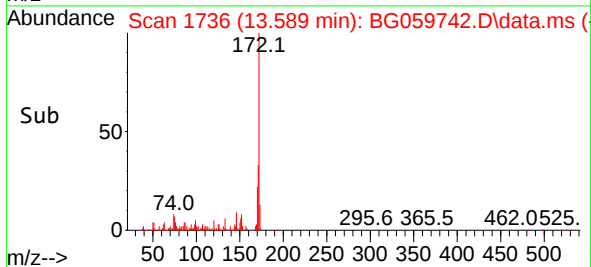
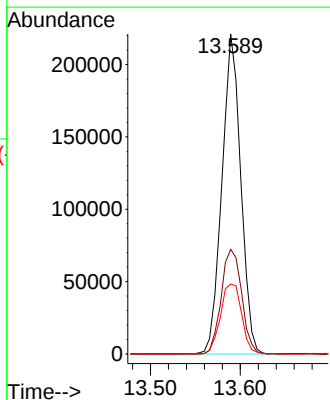
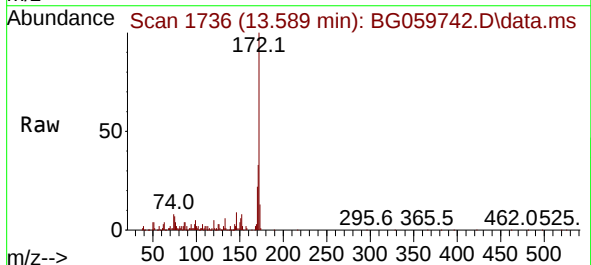
Instrument :  
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TP-3

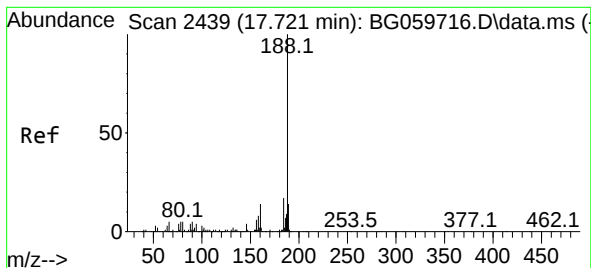
Tgt Ion: 330 Resp: 94076  
Ion Ratio Lower Upper  
330 100  
332 94.5 73.3 109.9  
141 67.0 52.1 78.1



#45  
2-Fluorobiphenyl  
Concen: 58.410 ng  
RT: 13.589 min Scan# 1736  
Delta R.T. -0.007 min  
Lab File: BG059742.D  
Acq: 17 Nov 2023 22:57

Tgt Ion: 172 Resp: 321816  
Ion Ratio Lower Upper  
172 100  
171 32.7 27.7 41.5  
170 21.9 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.720 min Scan# 2439

Delta R.T. -0.001 min

Lab File: BG059742.D

Acq: 17 Nov 2023 22:57

Instrument :

BNA\_G

ClientSampleId :

TP-3

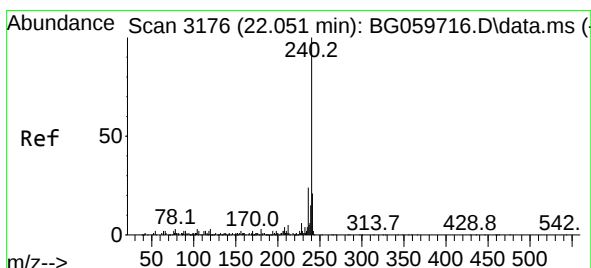
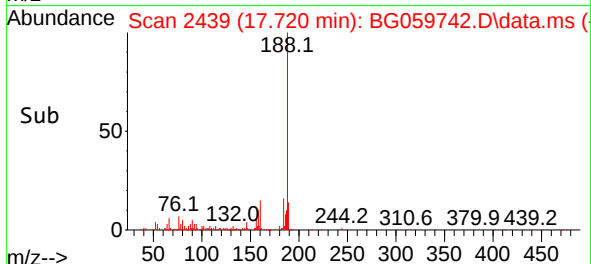
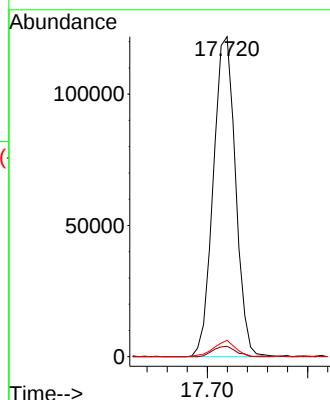
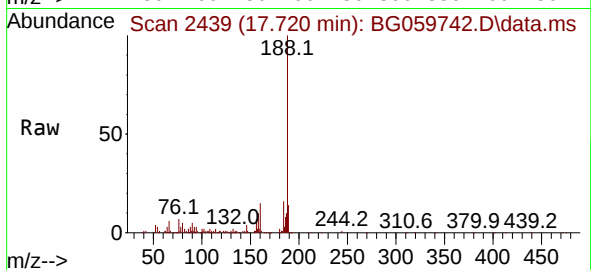
Tgt Ion:188 Resp: 187635

Ion Ratio Lower Upper

188 100

94 3.3 3.0 4.4

80 5.1 4.2 6.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.044 min Scan# 3175

Delta R.T. -0.007 min

Lab File: BG059742.D

Acq: 17 Nov 2023 22:57

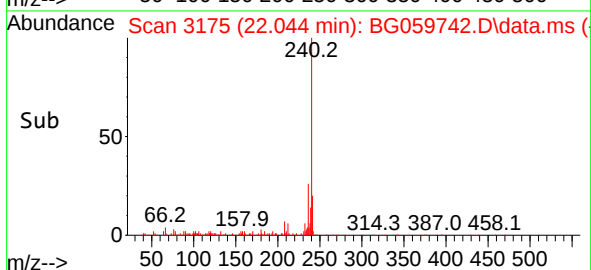
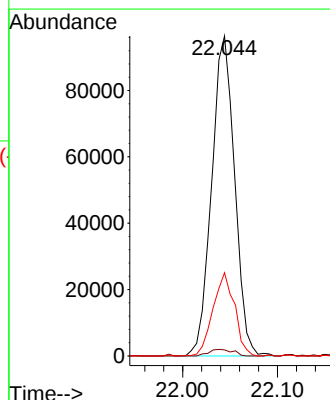
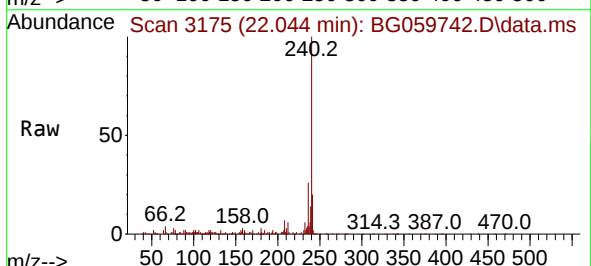
Tgt Ion:240 Resp: 162160

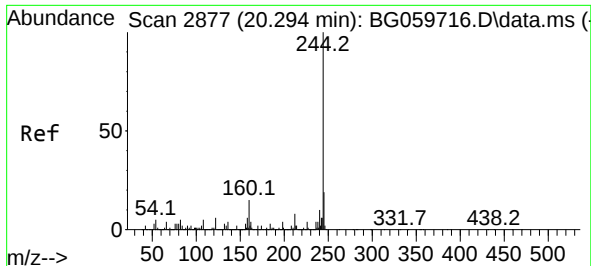
Ion Ratio Lower Upper

240 100

120 2.8 2.2 3.2

236 26.0 19.4 29.2

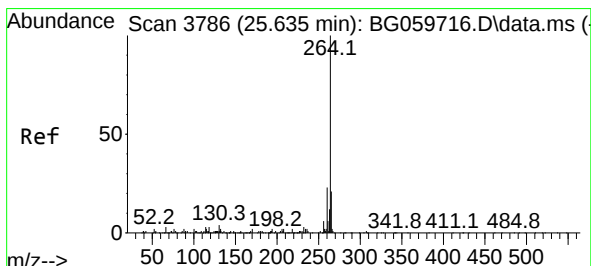
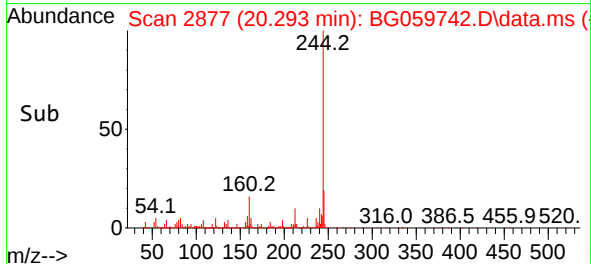
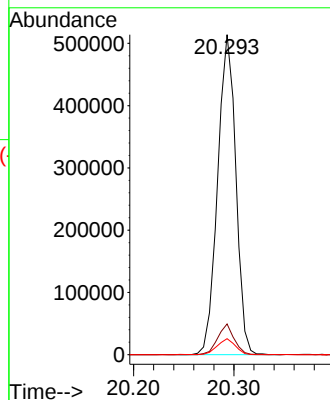
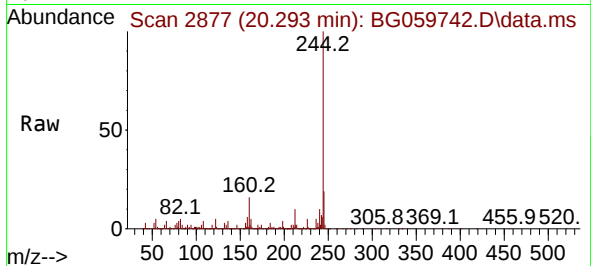




#79  
 Terphenyl-d14  
 Concen: 58.820 ng  
 RT: 20.293 min Scan# 21  
 Delta R.T. -0.001 min  
 Lab File: BG059742.D  
 Acq: 17 Nov 2023 22:57

Instrument :  
 BNA\_G  
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Tgt Ion:244 Resp: 646111  
 Ion Ratio Lower Upper  
 244 100  
 212 9.6 6.6 10.0  
 122 5.0 4.4 6.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.628 min Scan# 3785  
 Delta R.T. -0.007 min  
 Lab File: BG059742.D  
 Acq: 17 Nov 2023 22:57

Tgt Ion:264 Resp: 197501  
 Ion Ratio Lower Upper  
 264 100  
 260 25.7 18.5 27.7  
 265 20.8 17.0 25.6

