

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062323\  
 Data File : BG057860.D  
 Acq On : 24 Jun 2023 3:40  
 Operator : CG/JU  
 Sample : 03337-13  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 WC-7

Quant Time: Jun 25 01:42:45 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG061923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 20 03:40:38 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.920  | 152  | 49444    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.728 | 136  | 206496   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.559 | 164  | 133100   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.297 | 188  | 296979   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.551 | 240  | 250379   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 24.706 | 264  | 309961   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.493  | 112  | 215191   | 67.107 | ng    | 0.00     |
| 7) Phenol-d6                | 7.086  | 99   | 317398   | 64.869 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.083  | 82   | 171677   | 42.669 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.046 | 330  | 133140   | 71.809 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.178 | 172  | 391676   | 44.634 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.918 | 244  | 621263   | 46.268 | ng    | 0.00     |

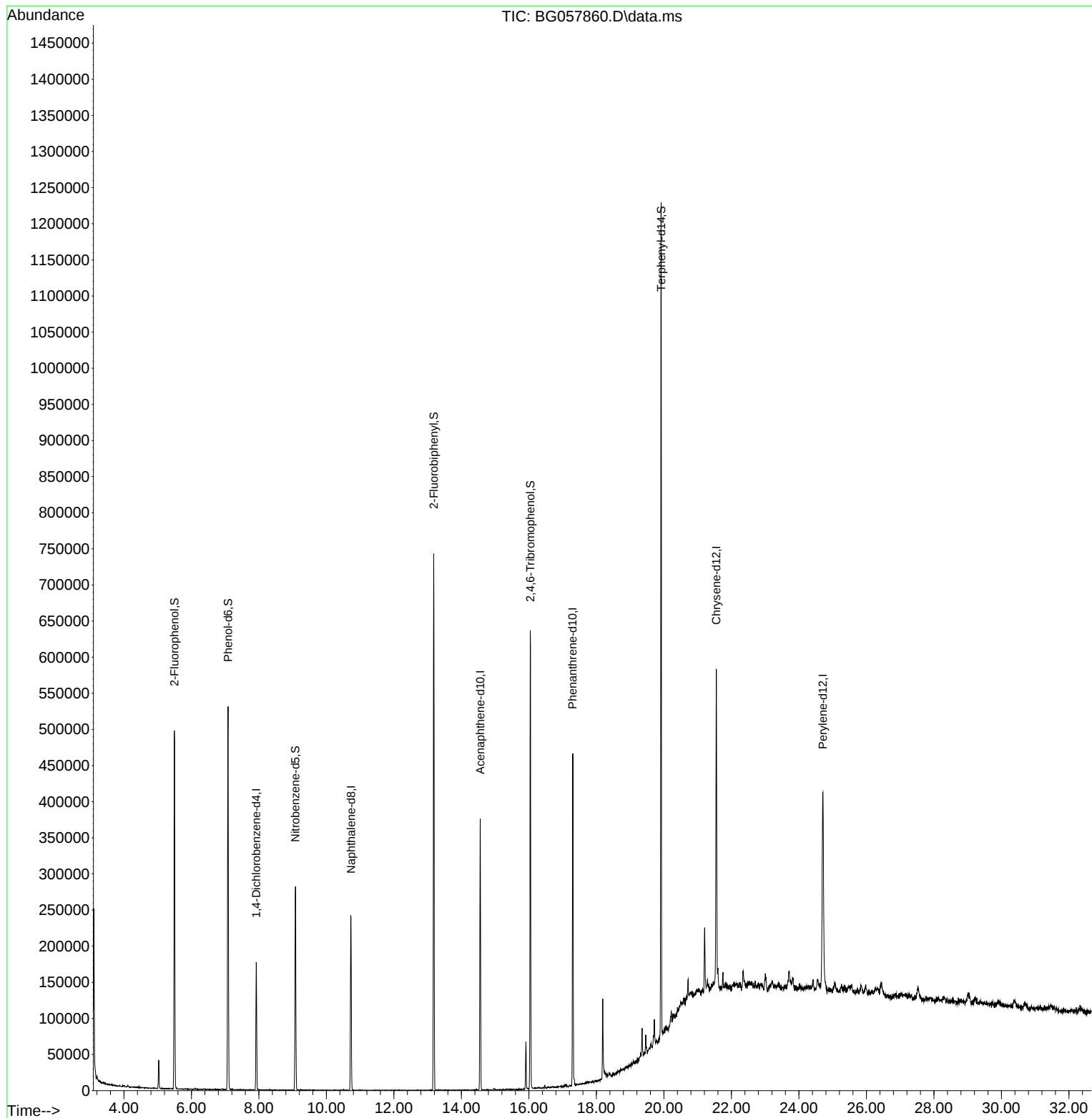
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

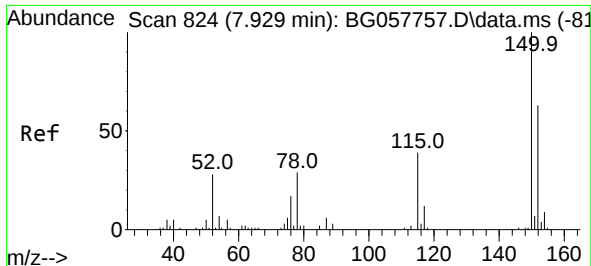
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :  
ALS Vial : 15 Sample Multiplier: 1

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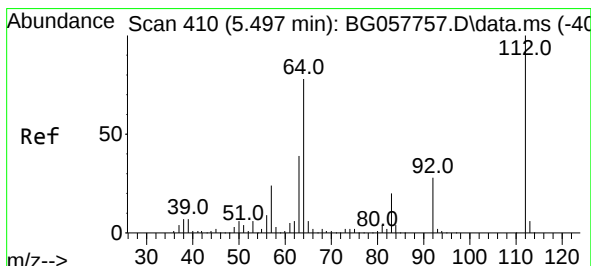
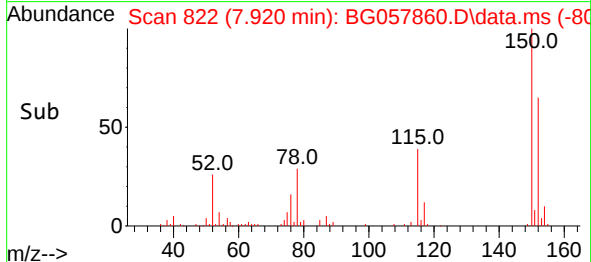
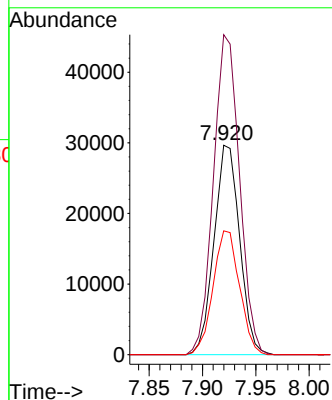
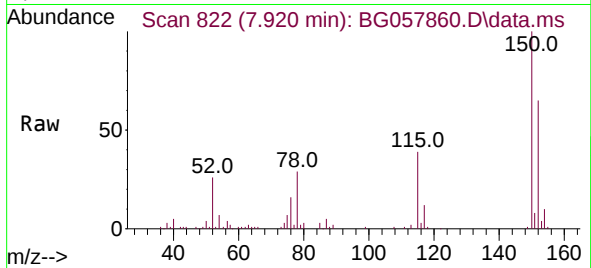




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.920 min Scan# 81  
Delta R.T. -0.009 min  
Lab File: BG057860.D  
Acq: 24 Jun 2023 3:40

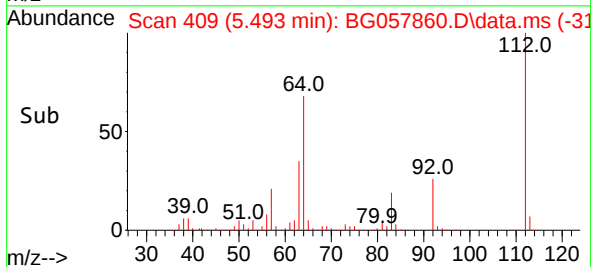
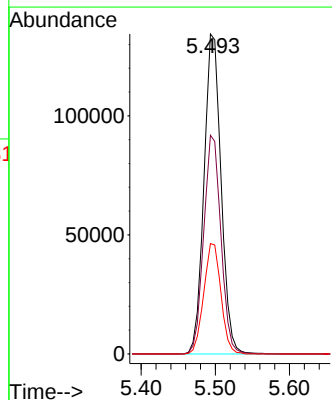
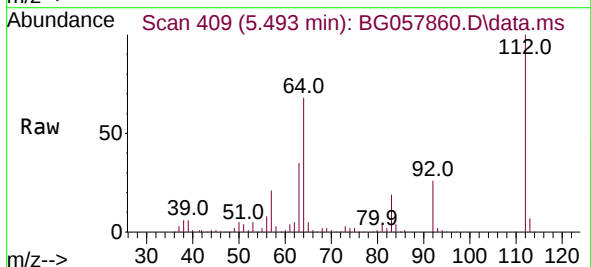
Instrument :  
BNA\_G  
ClientSampleId :  
WC-7

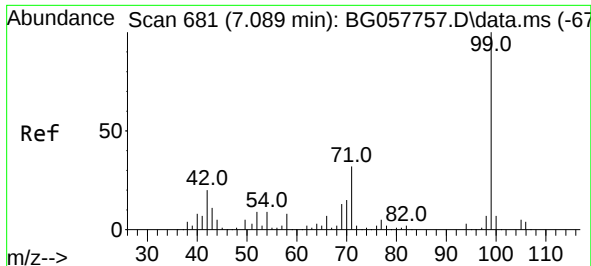
Tgt Ion:152 Resp: 49444  
Ion Ratio Lower Upper  
152 100  
150 152.8 126.6 189.8  
115 59.1 48.9 73.3



#5  
2-Fluorophenol  
Concen: 67.107 ng  
RT: 5.493 min Scan# 409  
Delta R.T. -0.004 min  
Lab File: BG057860.D  
Acq: 24 Jun 2023 3:40

Tgt Ion:112 Resp: 215191  
Ion Ratio Lower Upper  
112 100  
64 68.3 62.1 93.1  
63 34.5 31.5 47.3

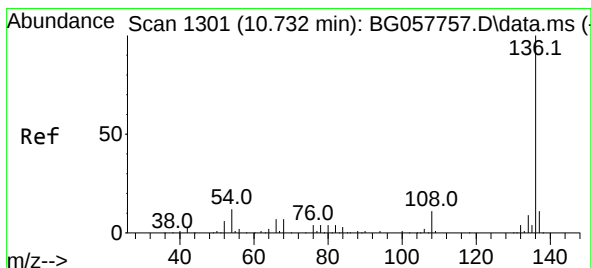
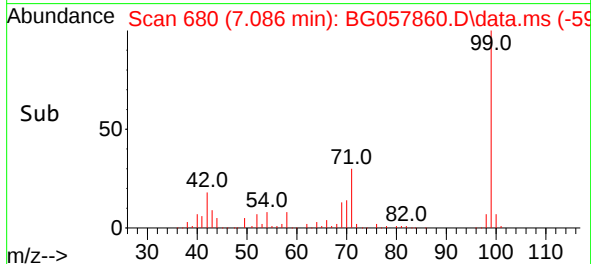
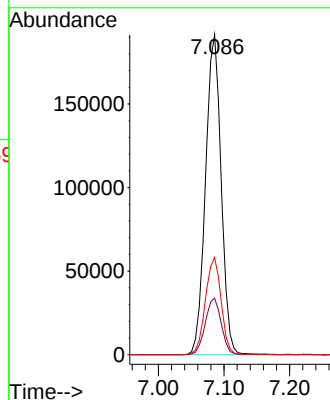
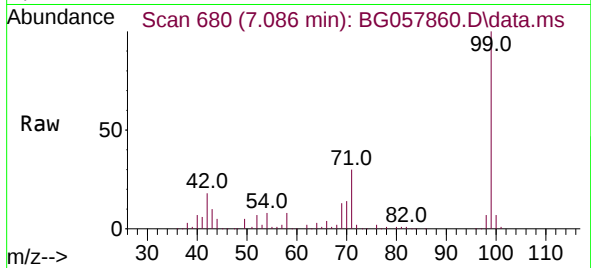




#7  
Phenol-d6  
Concen: 64.869 ng  
RT: 7.086 min Scan# 61  
Delta R.T. -0.003 min  
Lab File: BG057860.D  
Acq: 24 Jun 2023 3:40

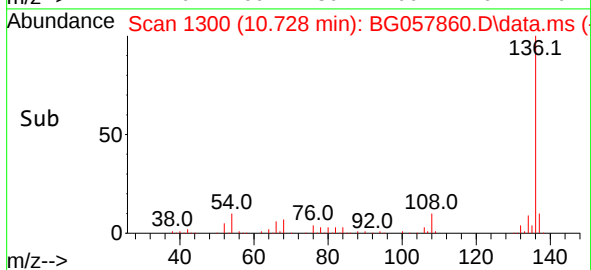
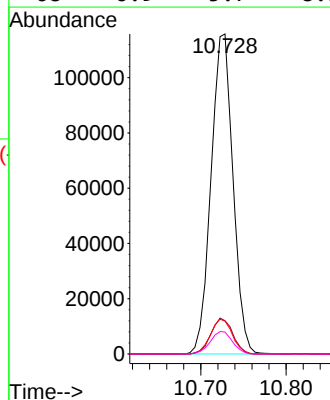
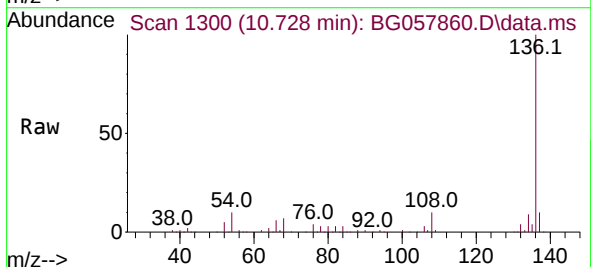
Instrument :  
BNA\_G  
ClientSampleId :  
WC-7

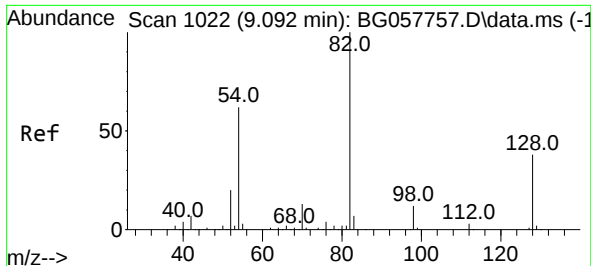
Tgt Ion: 99 Resp: 317398  
Ion Ratio Lower Upper  
99 100  
42 17.7 16.4 24.6  
71 30.4 25.8 38.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.728 min Scan# 1300  
Delta R.T. -0.003 min  
Lab File: BG057860.D  
Acq: 24 Jun 2023 3:40

Tgt Ion: 136 Resp: 206496  
Ion Ratio Lower Upper  
136 100  
137 10.4 8.5 12.7  
54 10.2 9.5 14.3  
68 6.9 5.7 8.5





#23

Nitrobenzene-d5

Concen: 42.669 ng

RT: 9.083 min Scan# 1020

Delta R.T. -0.009 min

Lab File: BG057860.D

Acq: 24 Jun 2023 3:40

Instrument :

BNA\_G

ClientSampleId :

WC-7

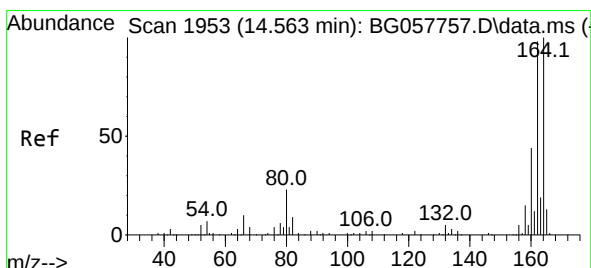
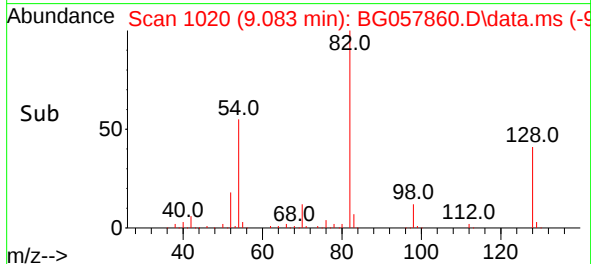
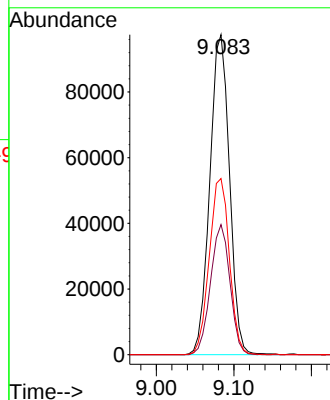
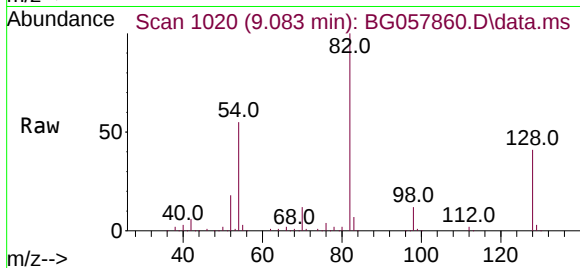
Tgt Ion: 82 Resp: 171677

Ion Ratio Lower Upper

82 100

128 40.6 30.7 46.1

54 55.1 49.6 74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.559 min Scan# 1952

Delta R.T. -0.003 min

Lab File: BG057860.D

Acq: 24 Jun 2023 3:40

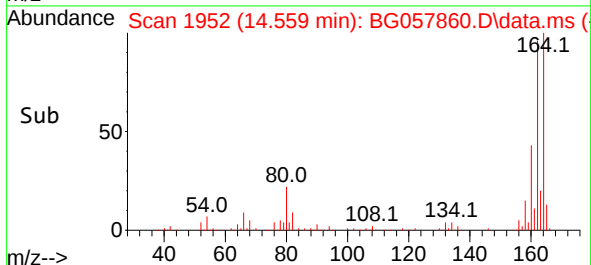
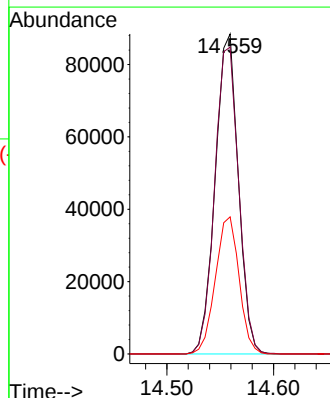
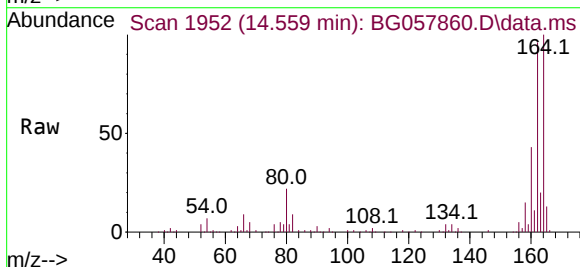
Tgt Ion:164 Resp: 133100

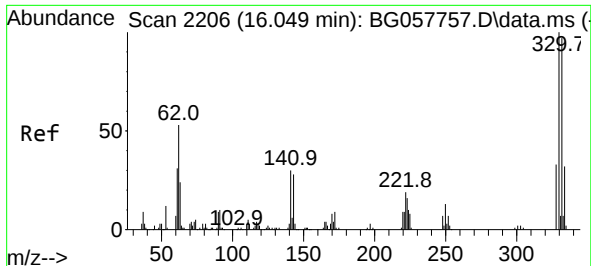
Ion Ratio Lower Upper

164 100

162 95.9 78.3 117.5

160 42.8 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 71.809 ng

RT: 16.046 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG057860.D

Acq: 24 Jun 2023 3:40

Instrument :

BNA\_G

ClientSampleId :

WC-7

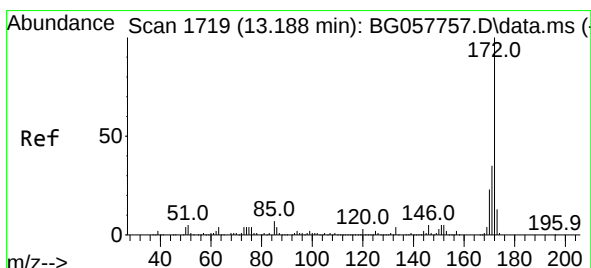
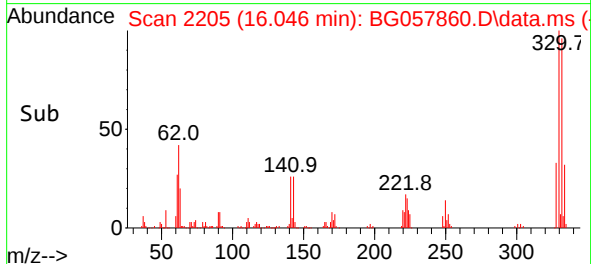
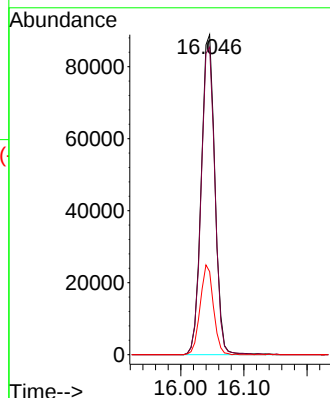
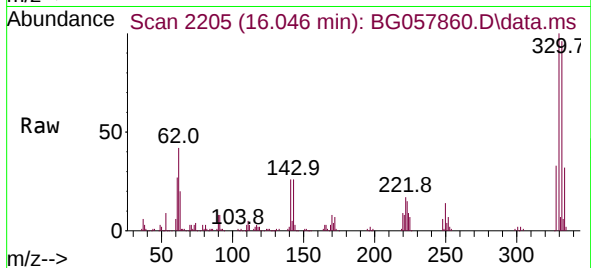
Tgt Ion:330 Resp: 133140

Ion Ratio Lower Upper

330 100

332 96.8 76.6 115.0

141 27.2 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 44.634 ng

RT: 13.178 min Scan# 1717

Delta R.T. -0.009 min

Lab File: BG057860.D

Acq: 24 Jun 2023 3:40

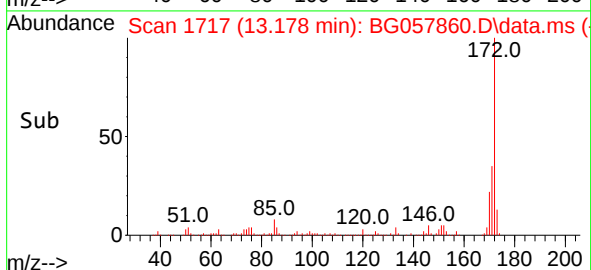
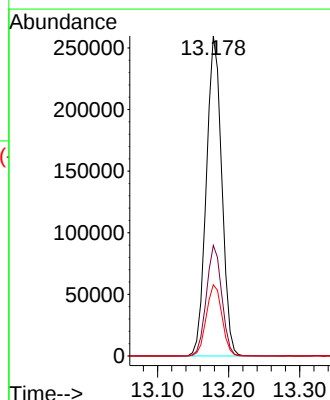
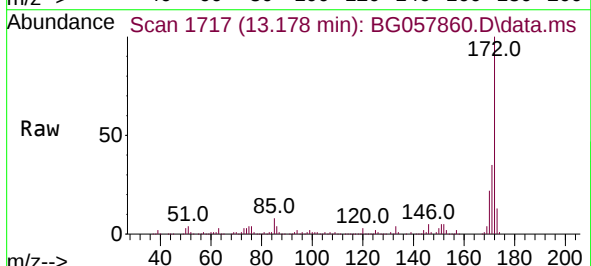
Tgt Ion:172 Resp: 391676

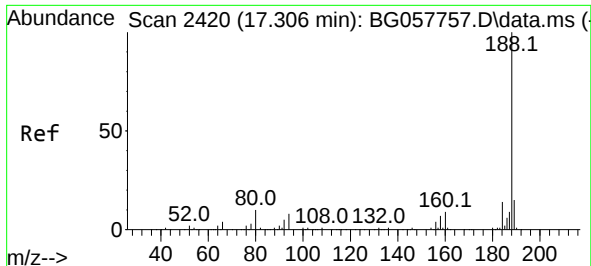
Ion Ratio Lower Upper

172 100

171 34.5 28.1 42.1

170 22.2 18.6 27.8

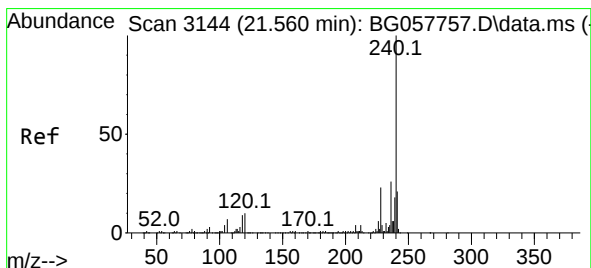
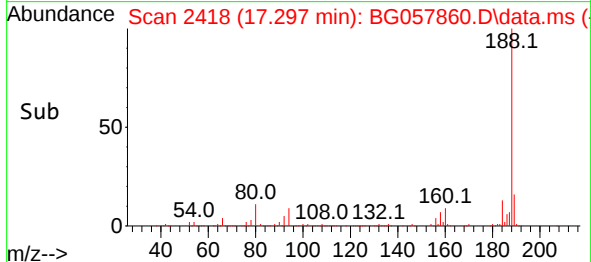
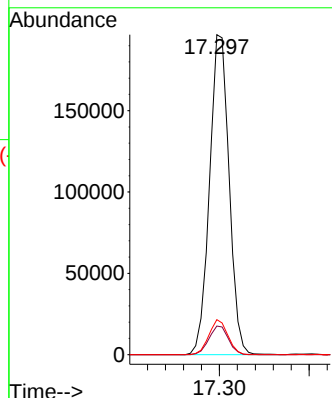
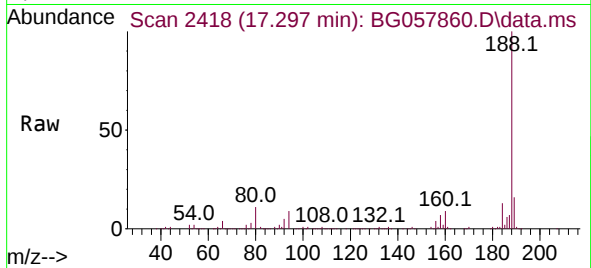




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.297 min Scan# 2418  
Delta R.T. -0.009 min  
Lab File: BG057860.D  
Acq: 24 Jun 2023 3:40

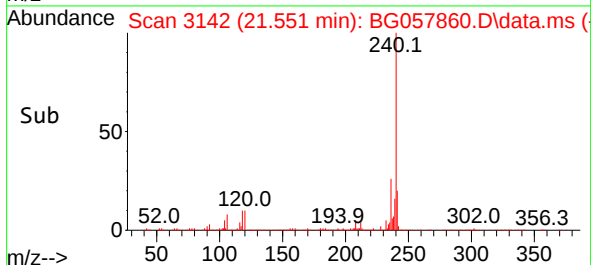
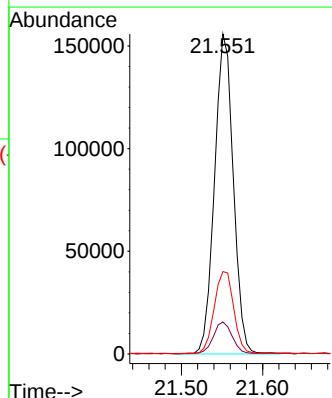
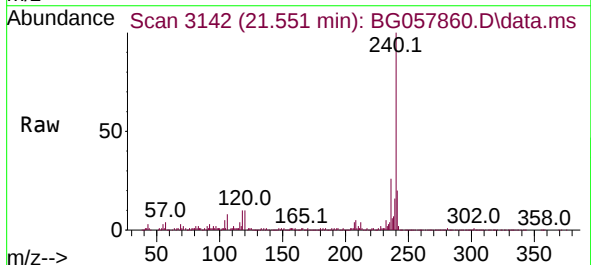
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WC-7

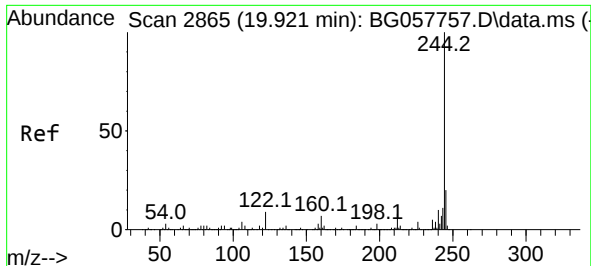
Tgt Ion:188 Resp: 296979  
Ion Ratio Lower Upper  
188 100  
94 9.0 6.6 9.8  
80 11.0 7.6 11.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.551 min Scan# 3142  
Delta R.T. -0.009 min  
Lab File: BG057860.D  
Acq: 24 Jun 2023 3:40

Tgt Ion:240 Resp: 250379  
Ion Ratio Lower Upper  
240 100  
120 10.0 8.1 12.1  
236 25.7 20.6 30.8

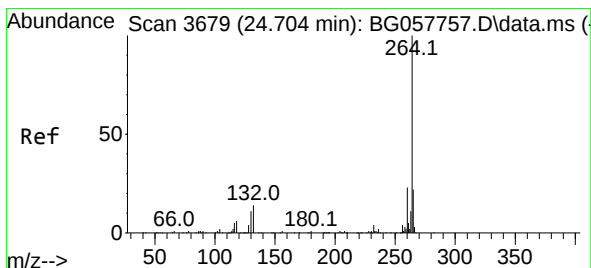
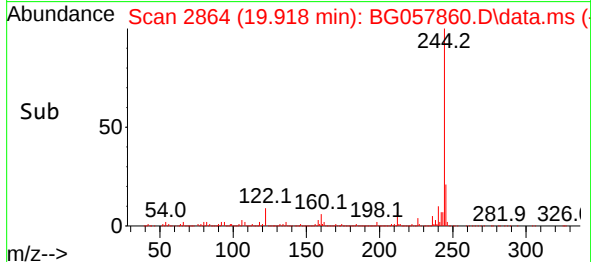
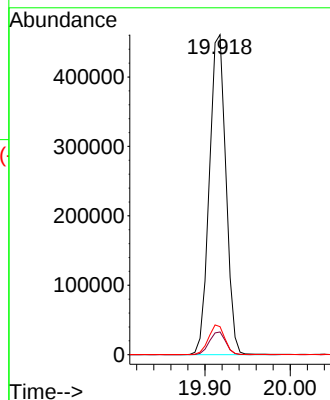
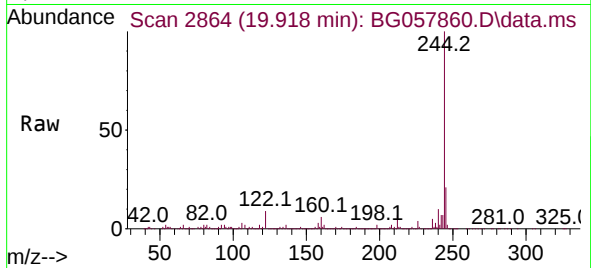




#79  
 Terphenyl-d14  
 Concen: 46.268 ng  
 RT: 19.918 min Scan# 2864  
 Delta R.T. -0.003 min  
 Lab File: BG057860.D  
 Acq: 24 Jun 2023 3:40

Instrument :  
 BNA\_G  
 ClientSampleId :  
 WC-7

Tgt Ion:244 Resp: 621263  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 6.1 9.1  
 122 8.7 7.6 11.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.706 min Scan# 3679  
 Delta R.T. 0.002 min  
 Lab File: BG057860.D  
 Acq: 24 Jun 2023 3:40

Tgt Ion:264 Resp: 309961  
 Ion Ratio Lower Upper  
 264 100  
 260 22.6 18.5 27.7  
 265 23.7 17.4 26.2

