

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082823\  
 Data File : BG058867.D  
 Acq On : 28 Aug 2023 10:30  
 Operator : MA/JU  
 Sample : PB155083BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB155083BL

Quant Time: Aug 29 01:09:14 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG081823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Aug 27 03:38:58 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.826  | 152  | 24437    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.629 | 136  | 95875    | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.471 | 164  | 66568    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.221 | 188  | 170912   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.457 | 240  | 164758   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 24.536 | 264  | 199537   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.400  | 112  | 143304   | 94.370 | ng    | 0.00     |
| 7) Phenol-d6                | 6.998  | 99   | 181673   | 85.272 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.990  | 82   | 113051   | 56.691 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.964 | 330  | 95581    | 91.573 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.091 | 172  | 269117   | 58.800 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.836 | 244  | 566647   | 61.755 | ng    | 0.00     |

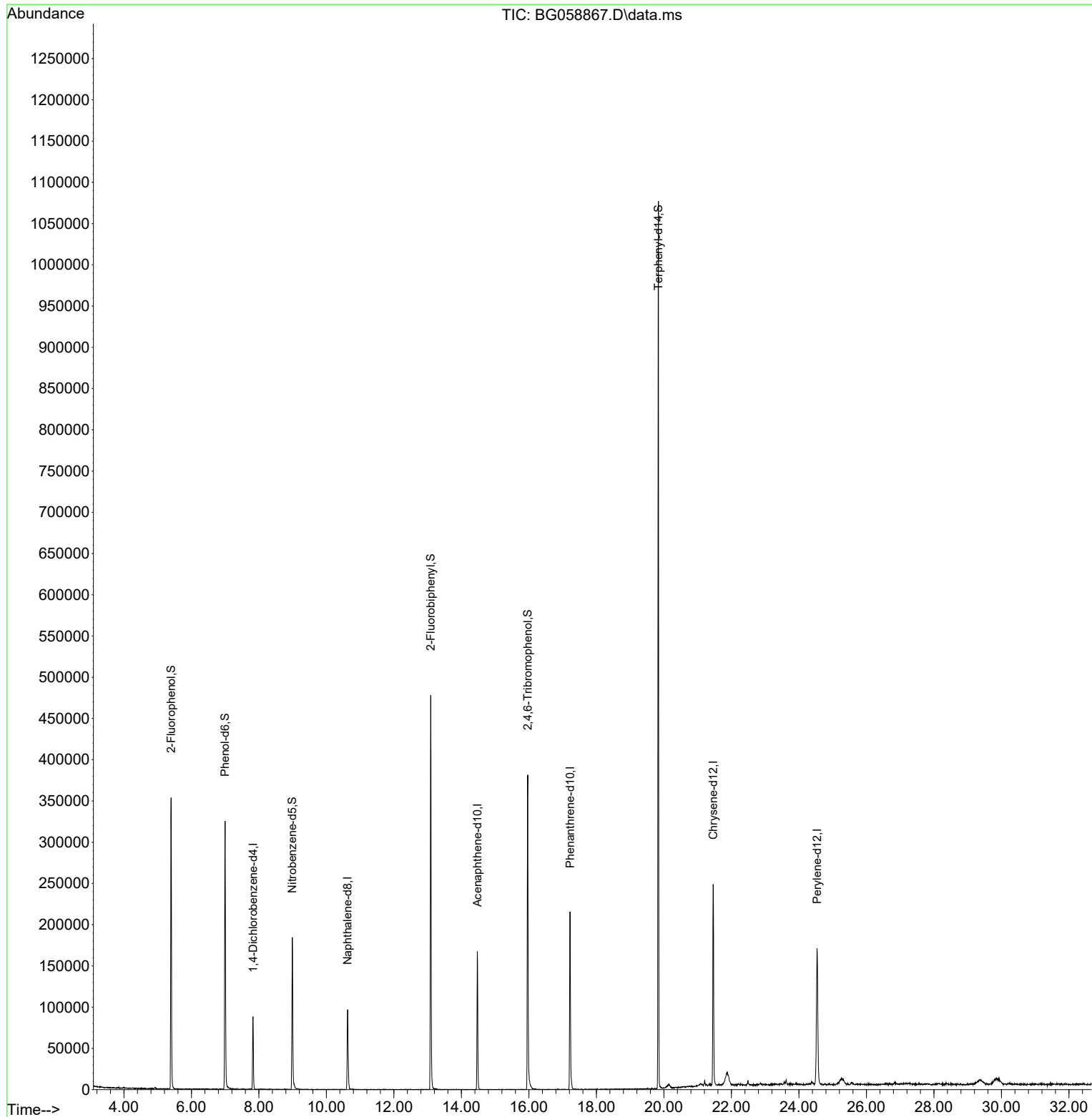
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

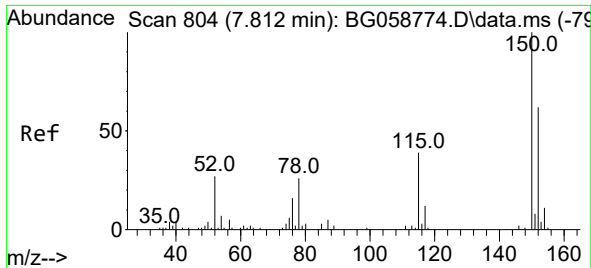
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG081823.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sun Aug 27 03:38:58 2023  
Response via : Initial Calibration

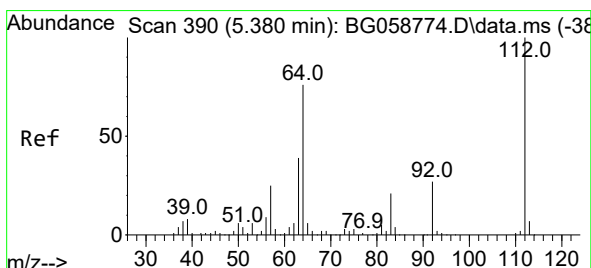
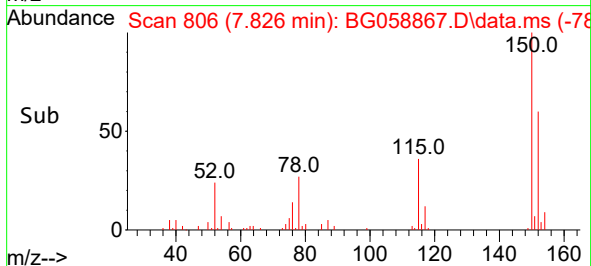
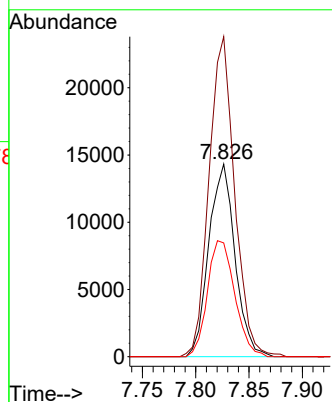
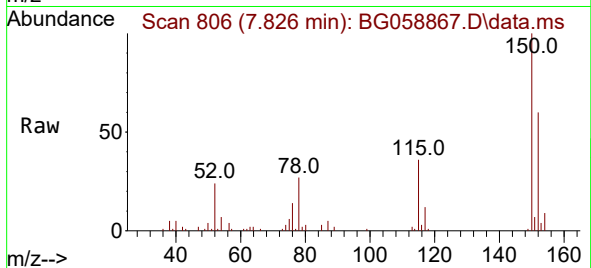




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.826 min Scan# 804  
Delta R.T. -0.001 min  
Lab File: BG058867.D  
Acq: 28 Aug 2023 10:30

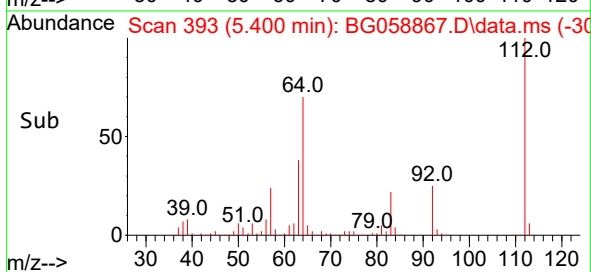
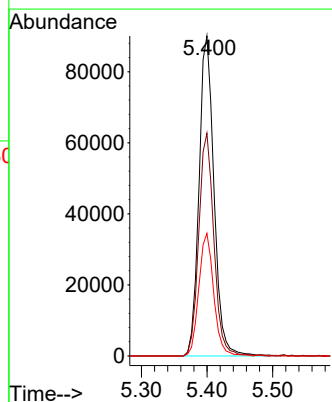
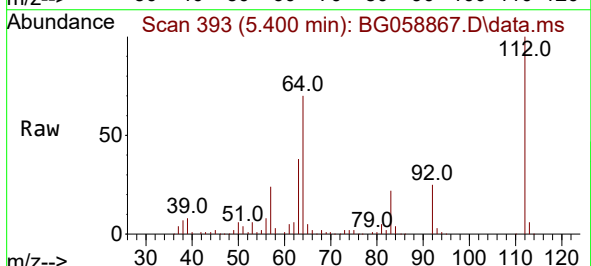
Instrument :  
BNA\_G  
ClientSampleId :  
PB155083BL

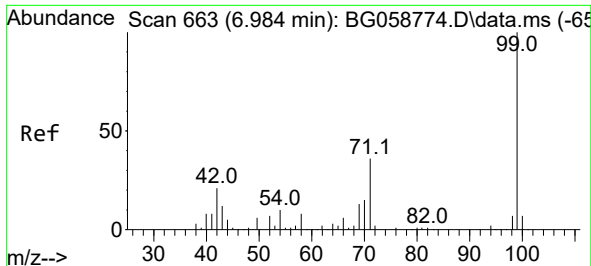
Tgt Ion:152 Resp: 24437  
Ion Ratio Lower Upper  
152 100  
150 166.1 128.6 192.8  
115 59.0 50.4 75.6



#5  
2-Fluorophenol  
Concen: 94.370 ng  
RT: 5.400 min Scan# 393  
Delta R.T. -0.000 min  
Lab File: BG058867.D  
Acq: 28 Aug 2023 10:30

Tgt Ion:112 Resp: 143304  
Ion Ratio Lower Upper  
112 100  
64 69.6 60.6 90.8  
63 38.3 31.0 46.4

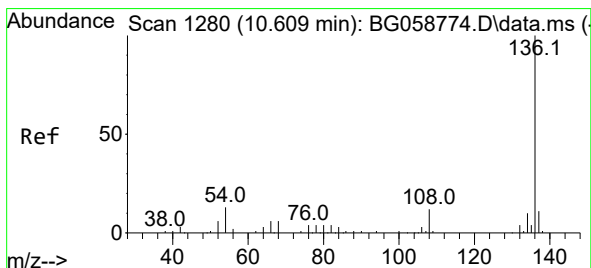
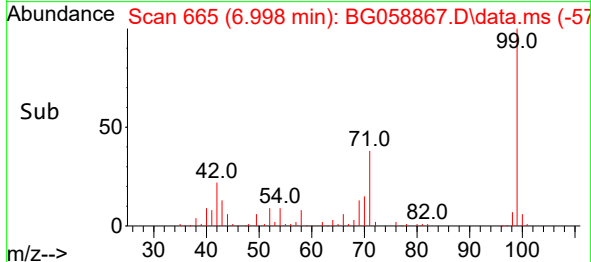
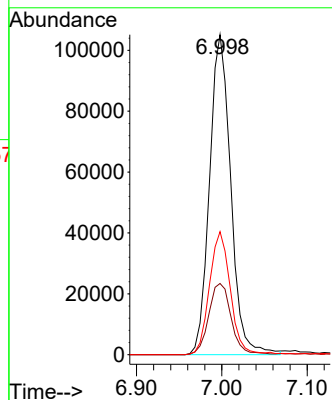
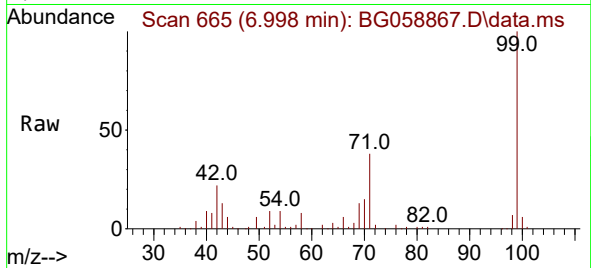




#7  
Phenol-d6  
Concen: 85.272 ng  
RT: 6.998 min Scan# 60  
Delta R.T. -0.006 min  
Lab File: BG058867.D  
Acq: 28 Aug 2023 10:30

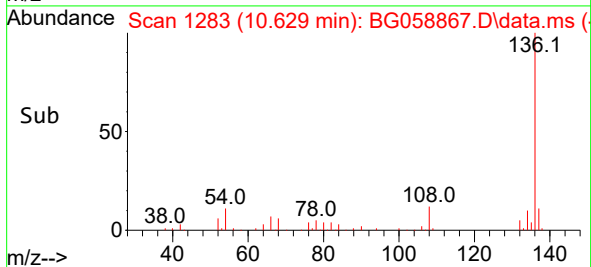
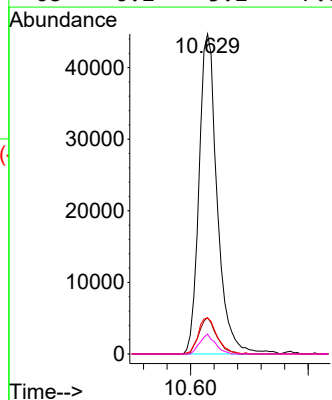
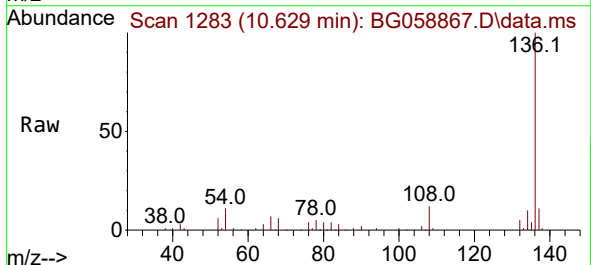
Instrument :  
BNA\_G  
ClientSampleId :  
PB155083BL

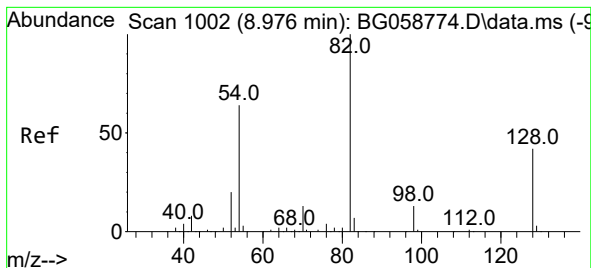
Tgt Ion: 99 Resp: 181673  
Ion Ratio Lower Upper  
99 100  
42 22.3 16.5 24.7  
71 38.4 28.4 42.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.629 min Scan# 1283  
Delta R.T. -0.000 min  
Lab File: BG058867.D  
Acq: 28 Aug 2023 10:30

Tgt Ion: 136 Resp: 95875  
Ion Ratio Lower Upper  
136 100  
137 11.4 8.7 13.1  
54 11.3 10.1 15.1  
68 6.2 5.2 7.8





#23

Nitrobenzene-d5

Concen: 56.691 ng

RT: 8.990 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BG058867.D

Acq: 28 Aug 2023 10:30

Instrument :

BNA\_G

ClientSampleId :

PB155083BL

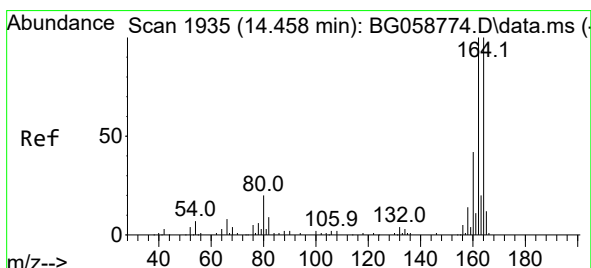
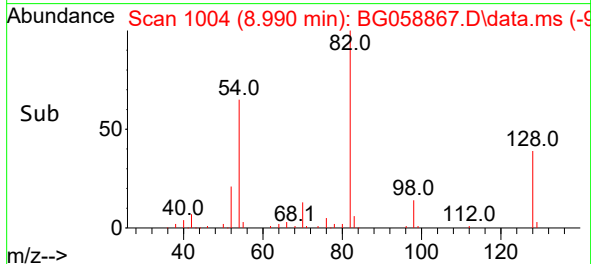
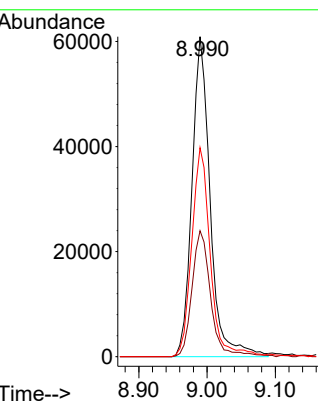
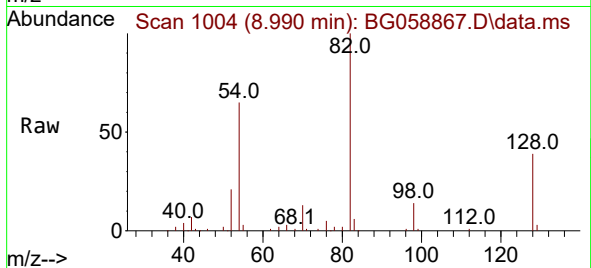
Tgt Ion: 82 Resp: 113051

Ion Ratio Lower Upper

82 100

128 39.4 33.2 49.8

54 65.3 51.2 76.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.471 min Scan# 1937

Delta R.T. -0.000 min

Lab File: BG058867.D

Acq: 28 Aug 2023 10:30

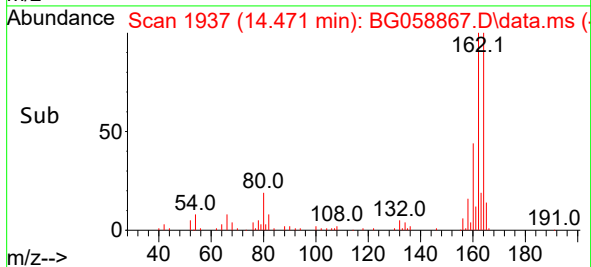
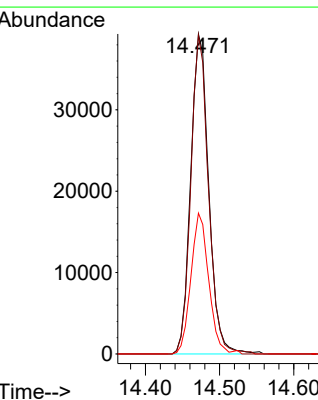
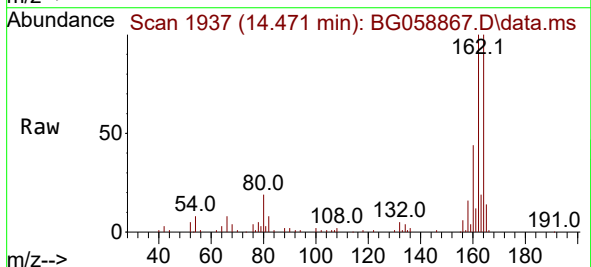
Tgt Ion:164 Resp: 66568

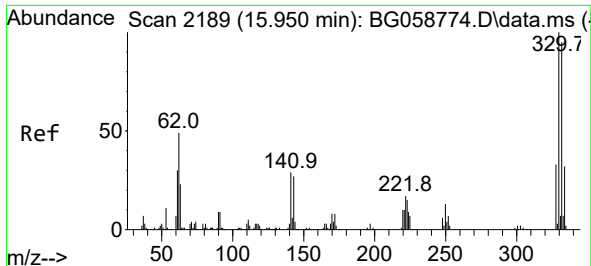
Ion Ratio Lower Upper

164 100

162 99.7 79.6 119.4

160 44.0 34.0 51.0

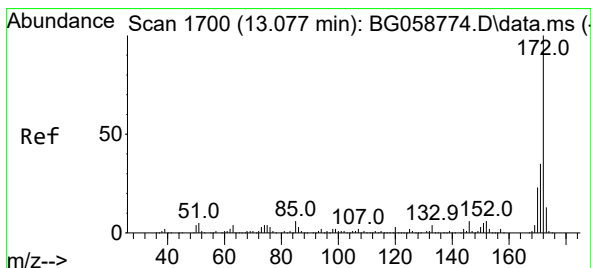
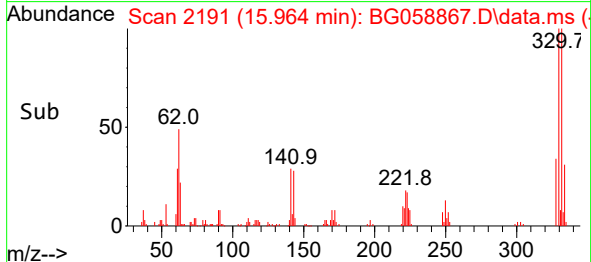
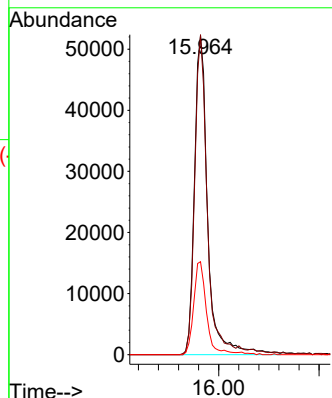
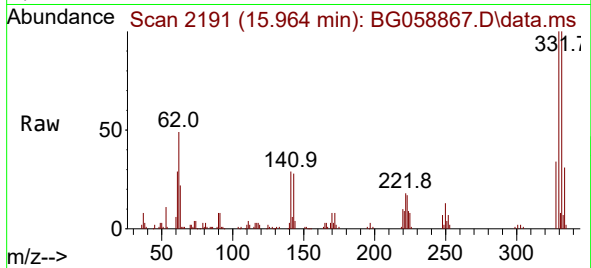




#42  
2,4,6-Tribromophenol  
Concen: 91.573 ng  
RT: 15.964 min Scan# 2189  
Delta R.T. -0.006 min  
Lab File: BG058867.D  
Acq: 28 Aug 2023 10:30

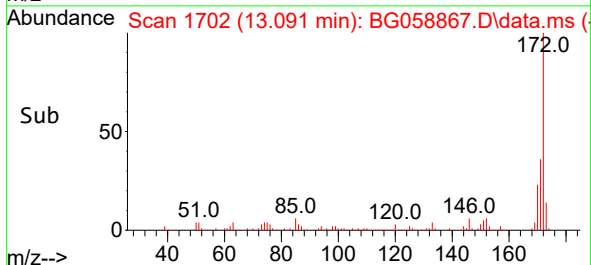
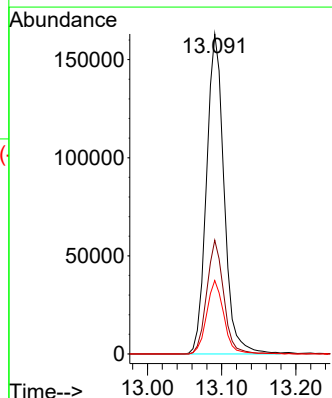
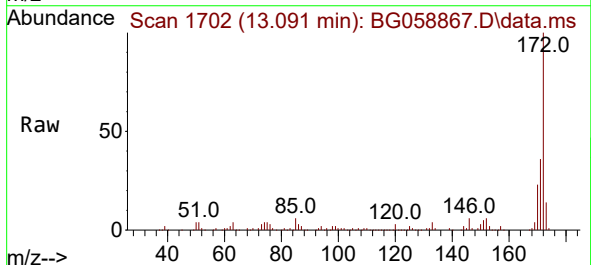
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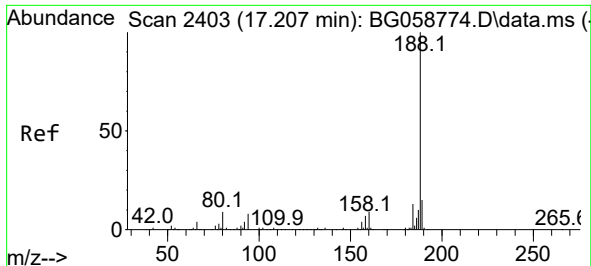
Tgt Ion:330 Resp: 95581  
Ion Ratio Lower Upper  
330 100  
332 94.8 78.5 117.7  
141 27.9 23.0 34.6



#45  
2-Fluorobiphenyl  
Concen: 58.800 ng  
RT: 13.091 min Scan# 1702  
Delta R.T. -0.006 min  
Lab File: BG058867.D  
Acq: 28 Aug 2023 10:30

Tgt Ion:172 Resp: 269117  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.1 42.1  
170 23.0 18.6 27.8

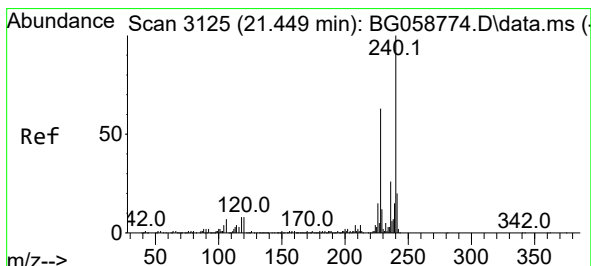
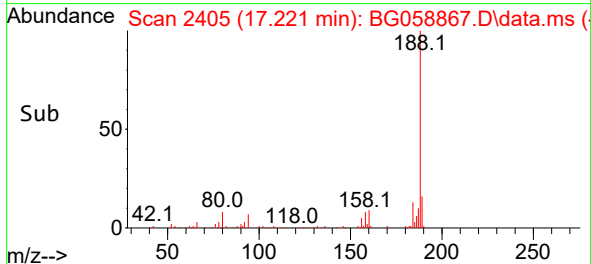
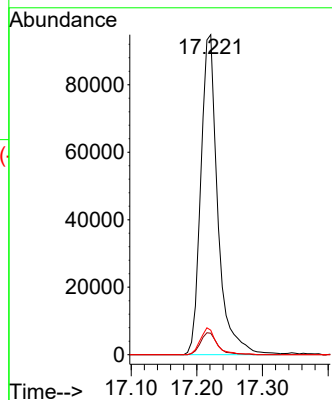
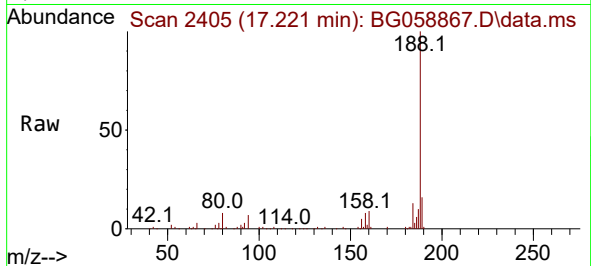




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.221 min Scan# 2405  
Delta R.T. -0.000 min  
Lab File: BG058867.D  
Acq: 28 Aug 2023 10:30

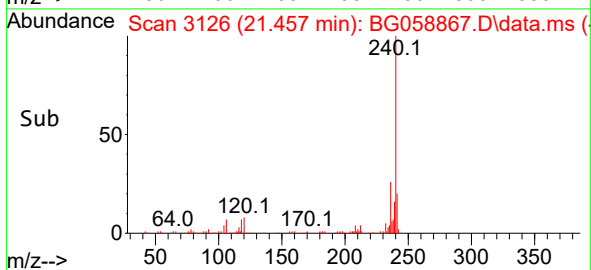
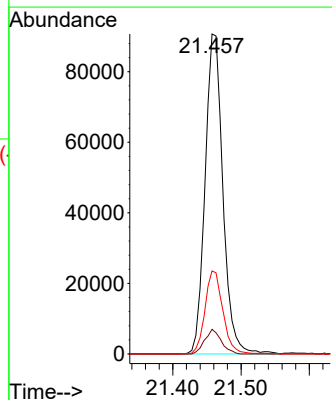
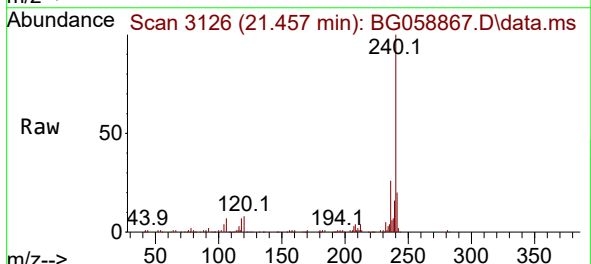
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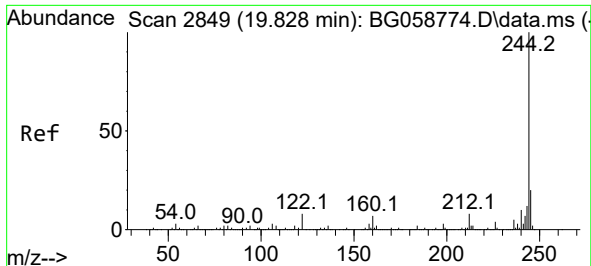
Tgt Ion:188 Resp: 170912  
Ion Ratio Lower Upper  
188 100  
94 6.7 6.1 9.1  
80 7.6 6.9 10.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.457 min Scan# 3126  
Delta R.T. -0.006 min  
Lab File: BG058867.D  
Acq: 28 Aug 2023 10:30

Tgt Ion:240 Resp: 164758  
Ion Ratio Lower Upper  
240 100  
120 7.7 6.2 9.2  
236 26.0 20.5 30.7

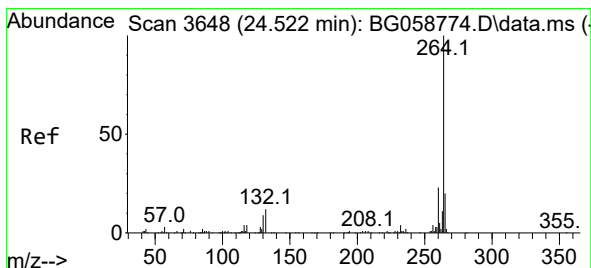
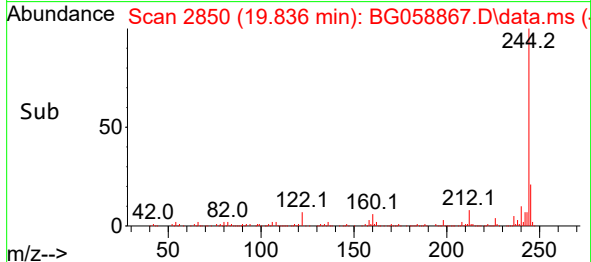
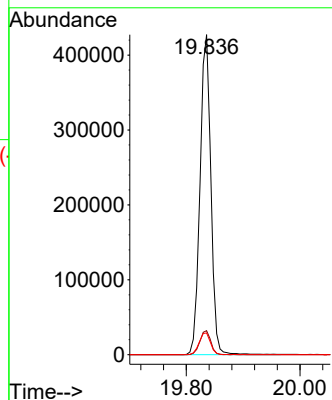
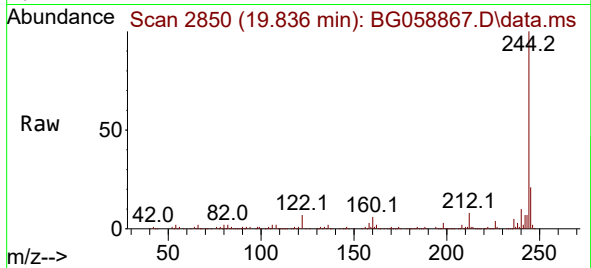




#79  
 Terphenyl-d14  
 Concen: 61.755 ng  
 RT: 19.836 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BG058867.D  
 Acq: 28 Aug 2023 10:30

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB155083BL

Tgt Ion:244 Resp: 566647  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 6.2 9.2  
 122 6.8 6.3 9.5



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.536 min Scan# 3650  
 Delta R.T. -0.000 min  
 Lab File: BG058867.D  
 Acq: 28 Aug 2023 10:30

Tgt Ion:264 Resp: 199537  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 18.2 27.2  
 265 20.5 16.4 24.6

