

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG073123\  
 Data File : BG058550.D  
 Acq On : 31 Jul 2023 19:32  
 Operator : MA/JU  
 Sample : 03742-05  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 B-P33B

Quant Time: Jul 31 20:10:41 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG072823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 28 22:29:07 2023  
 Response via : Initial Calibration

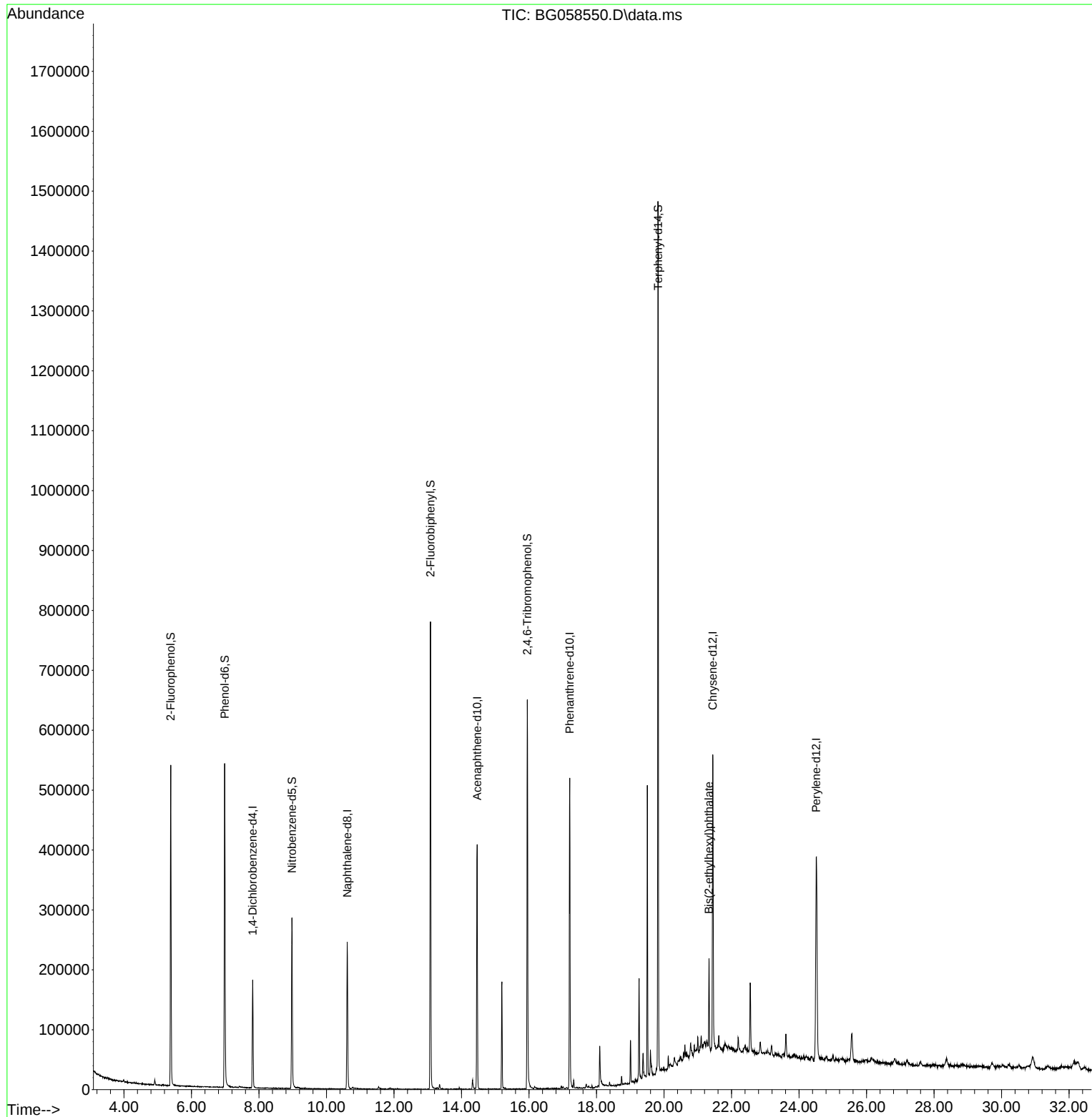
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min)  |
|-------------------------------|--------|------|----------|--------|-------|-----------|
| -----                         |        |      |          |        |       |           |
| Internal Standards            |        |      |          |        |       |           |
| 1) 1,4-Dichlorobenzene-d4     | 7.811  | 152  | 50669    | 20.000 | ng    | 0.00      |
| 21) Naphthalene-d8            | 10.614 | 136  | 214663   | 20.000 | ng    | 0.00      |
| 39) Acenaphthene-d10          | 14.462 | 164  | 150851   | 20.000 | ng    | 0.00      |
| 64) Phenanthrene-d10          | 17.206 | 188  | 343223   | 20.000 | ng    | 0.00      |
| 76) Chrysene-d12              | 21.442 | 240  | 297611   | 20.000 | ng    | 0.00      |
| 86) Perylene-d12              | 24.509 | 264  | 371023   | 20.000 | ng    | 0.00      |
| System Monitoring Compounds   |        |      |          |        |       |           |
| 5) 2-Fluorophenol             | 5.384  | 112  | 228655   | 68.975 | ng    | 0.00      |
| 7) Phenol-d6                  | 6.983  | 99   | 336387   | 72.924 | ng    | 0.00      |
| 23) Nitrobenzene-d5           | 8.974  | 82   | 186728   | 42.732 | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol      | 15.948 | 330  | 146289   | 59.165 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl          | 13.081 | 172  | 452879   | 44.990 | ng    | 0.00      |
| 79) Terphenyl-d14             | 19.826 | 244  | 732516   | 46.286 | ng    | 0.00      |
| Target Compounds              |        |      |          |        |       |           |
| 84) Bis(2-ethylhexyl)phtha... | 21.330 | 149  | 58045    | 4.774  | ng    | Qvalue 99 |
| -----                         |        |      |          |        |       |           |

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

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Sample : 03742-05  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
B-P33B

Quant Time: Jul 31 20:10:41 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG072823.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jul 28 22:29:07 2023  
Response via : Initial Calibration

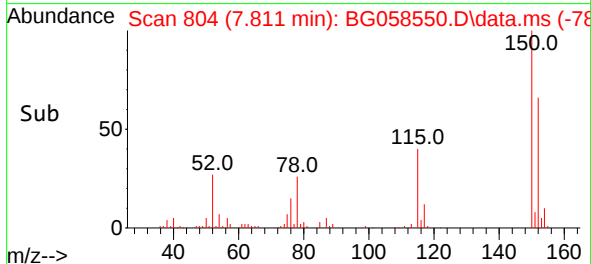
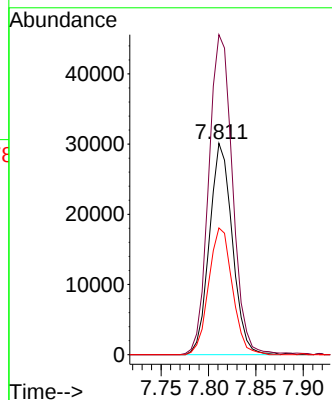
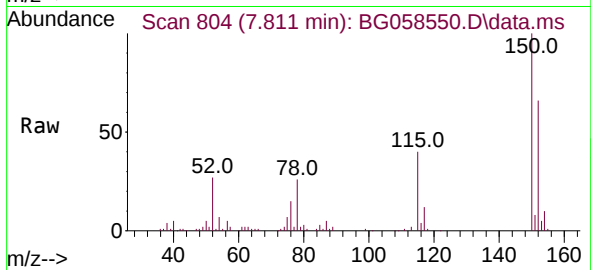




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.811 min Scan# 804  
Delta R.T. -0.000 min  
Lab File: BG058550.D  
Acq: 31 Jul 2023 19:32

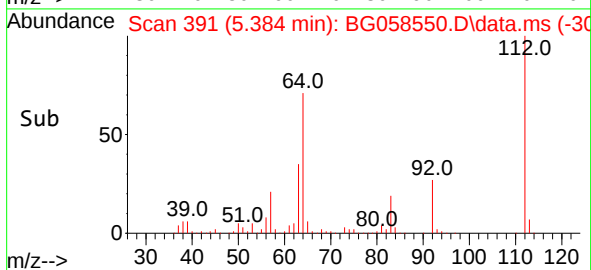
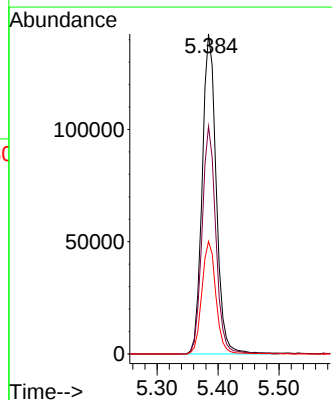
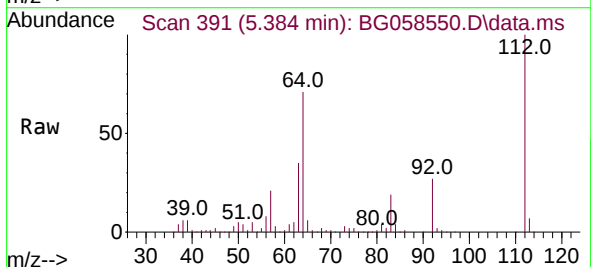
Instrument :  
BNA\_G  
ClientSampleId :  
B-P33B

Tgt Ion:152 Resp: 50669  
Ion Ratio Lower Upper  
152 100  
150 151.4 120.5 180.7  
115 60.0 45.9 68.9



#5  
2-Fluorophenol  
Concen: 68.975 ng  
RT: 5.384 min Scan# 391  
Delta R.T. -0.000 min  
Lab File: BG058550.D  
Acq: 31 Jul 2023 19:32

Tgt Ion:112 Resp: 228655  
Ion Ratio Lower Upper  
112 100  
64 71.2 55.3 82.9  
63 35.2 28.3 42.5

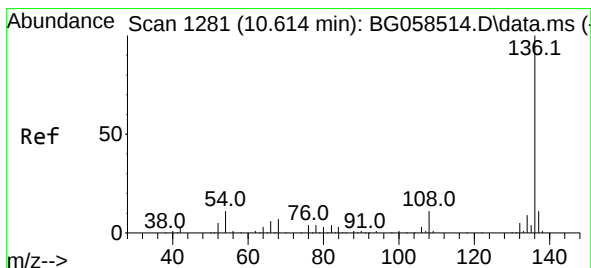
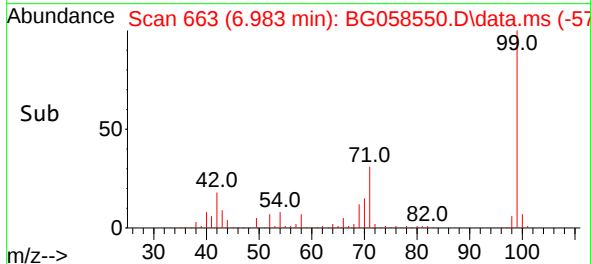
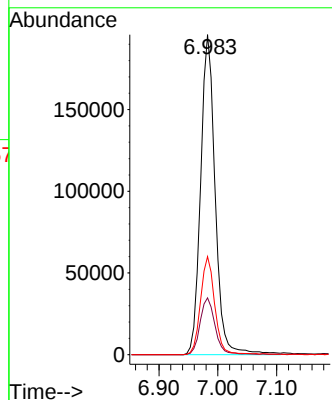
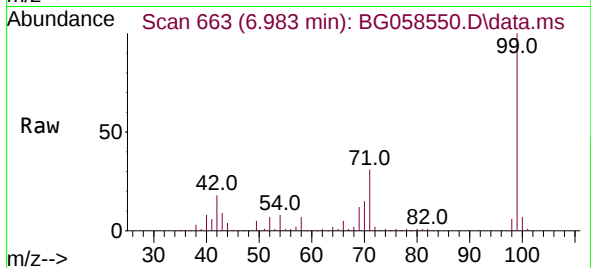




#7  
Phenol-d6  
Concen: 72.924 ng  
RT: 6.983 min Scan# 60  
Delta R.T. -0.000 min  
Lab File: BG058550.D  
Acq: 31 Jul 2023 19:32

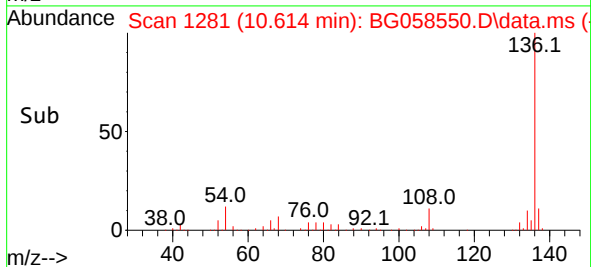
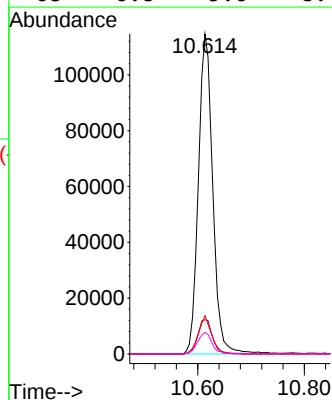
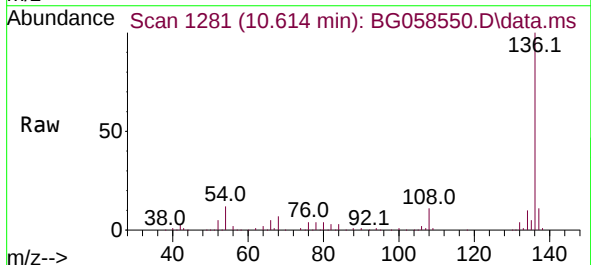
Instrument :  
BNA\_G  
ClientSampleId :  
B-P33B

Tgt Ion: 99 Resp: 336387  
Ion Ratio Lower Upper  
99 100  
42 17.7 14.6 21.8  
71 30.7 25.0 37.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.614 min Scan# 1281  
Delta R.T. -0.000 min  
Lab File: BG058550.D  
Acq: 31 Jul 2023 19:32

Tgt Ion: 136 Resp: 214663  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.6 13.0  
54 12.0 8.9 13.3  
68 6.8 5.6 8.4

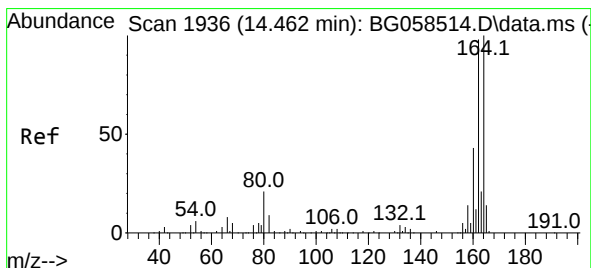
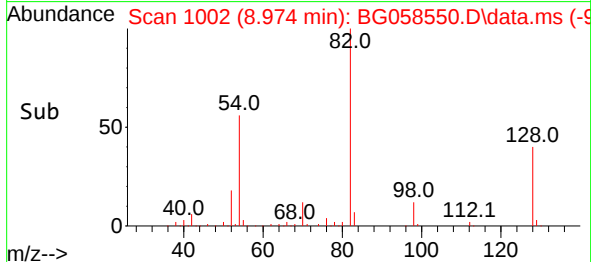
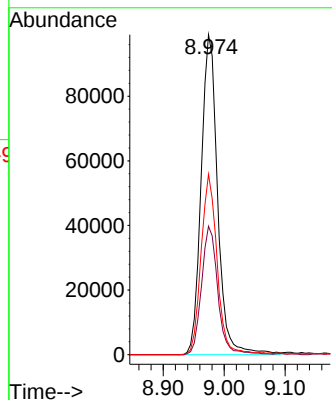
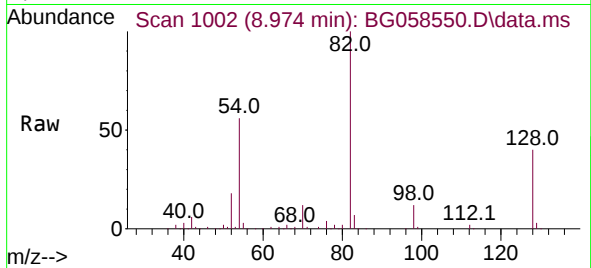




#23  
Nitrobenzene-d5  
Concen: 42.732 ng  
RT: 8.974 min Scan# 1002  
Delta R.T. -0.006 min  
Lab File: BG058550.D  
Acq: 31 Jul 2023 19:32

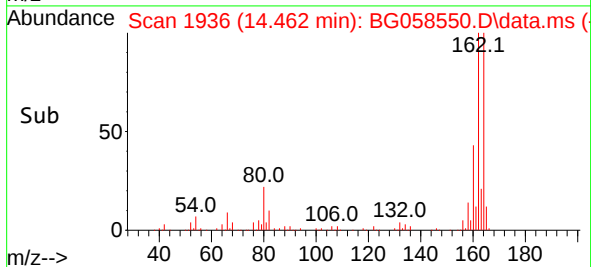
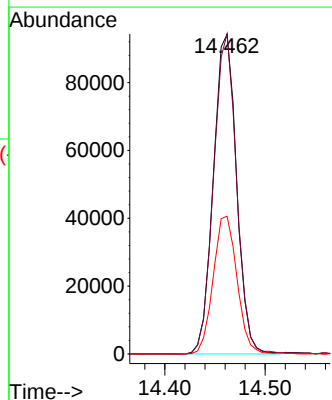
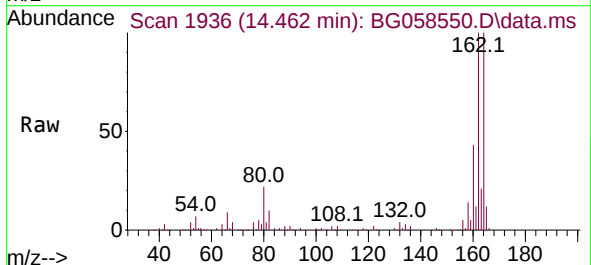
Instrument :  
BNA\_G  
ClientSampleId :  
B-P33B

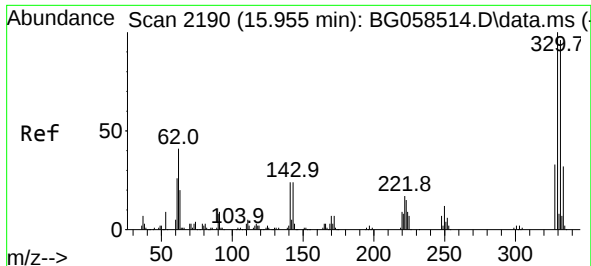
Tgt Ion: 82 Resp: 186728  
Ion Ratio Lower Upper  
82 100  
128 40.1 32.2 48.2  
54 56.4 46.0 69.0



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.462 min Scan# 1936  
Delta R.T. -0.000 min  
Lab File: BG058550.D  
Acq: 31 Jul 2023 19:32

Tgt Ion:164 Resp: 150851  
Ion Ratio Lower Upper  
164 100  
162 100.1 78.3 117.5  
160 43.1 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 59.165 ng

RT: 15.948 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG058550.D

Acq: 31 Jul 2023 19:32

Instrument :

BNA\_G

ClientSampleId :

B-P33B

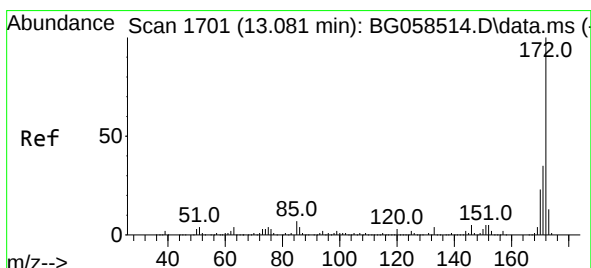
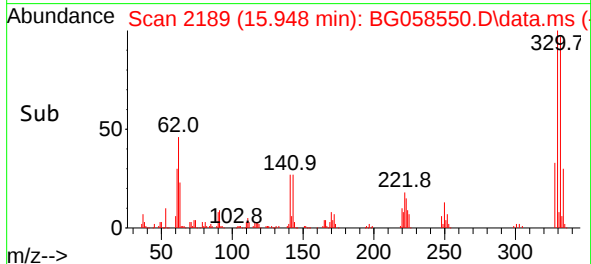
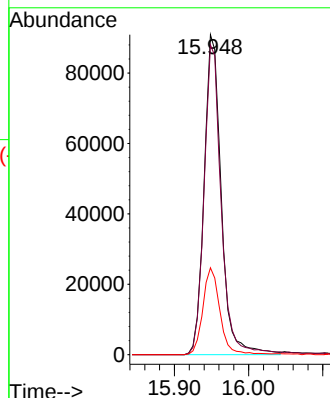
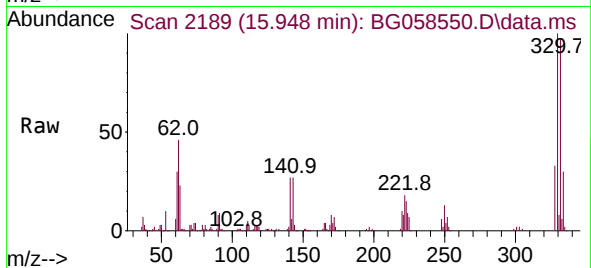
Tgt Ion:330 Resp: 146289

Ion Ratio Lower Upper

330 100

332 97.3 77.5 116.3

141 27.4 20.7 31.1



#45

2-Fluorobiphenyl

Concen: 44.990 ng

RT: 13.081 min Scan# 1701

Delta R.T. -0.000 min

Lab File: BG058550.D

Acq: 31 Jul 2023 19:32

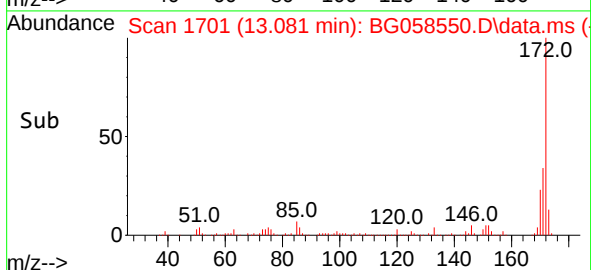
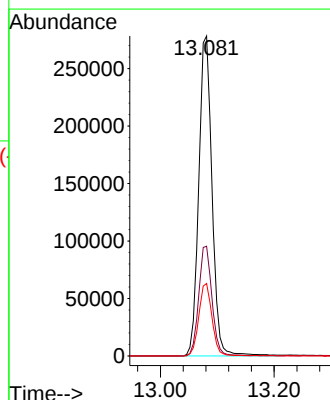
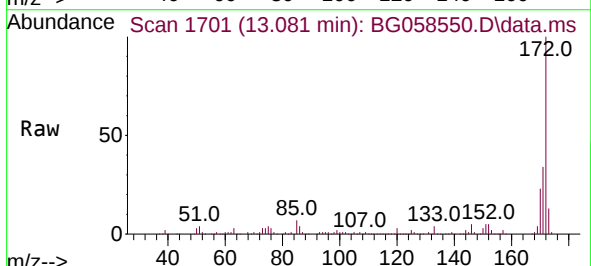
Tgt Ion:172 Resp: 452879

Ion Ratio Lower Upper

172 100

171 34.3 28.0 42.0

170 22.7 18.4 27.6

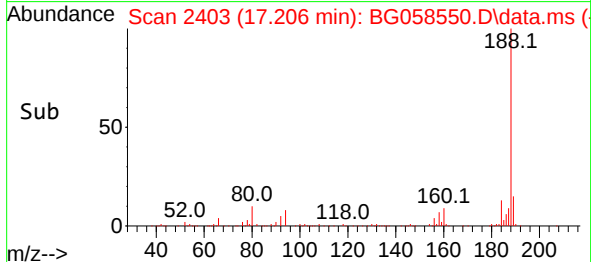
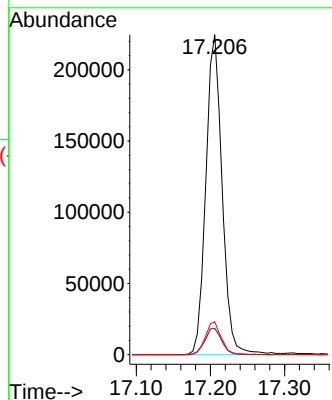
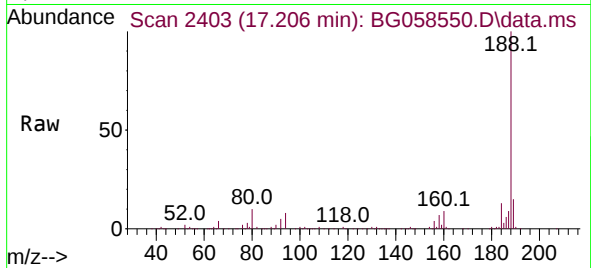




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.206 min Scan# 2403  
Delta R.T. -0.000 min  
Lab File: BG058550.D  
Acq: 31 Jul 2023 19:32

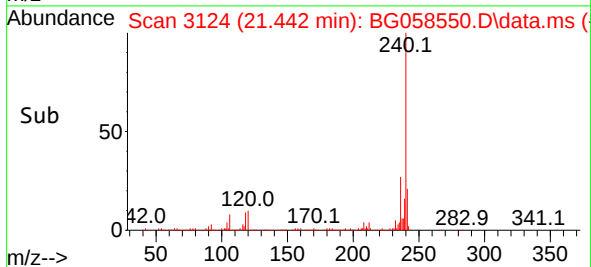
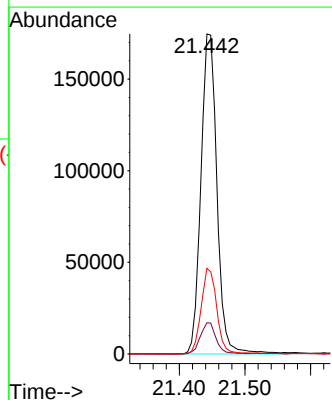
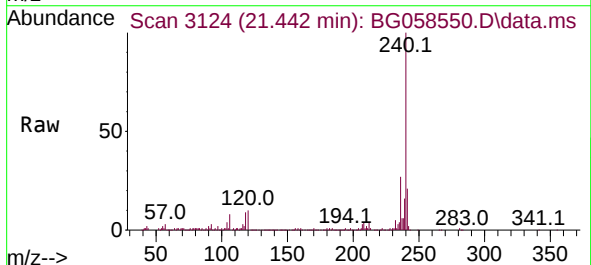
Instrument :  
BNA\_G  
ClientSampleId :  
B-P33B

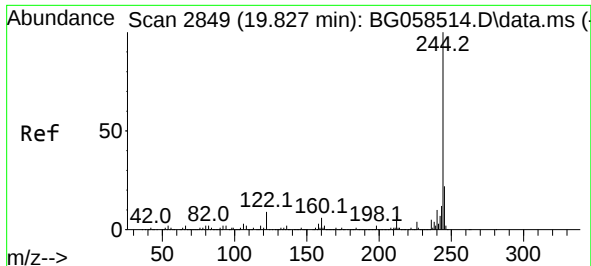
Tgt Ion:188 Resp: 343223  
Ion Ratio Lower Upper  
188 100  
94 8.2 7.0 10.6  
80 10.3 8.1 12.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.442 min Scan# 3124  
Delta R.T. -0.006 min  
Lab File: BG058550.D  
Acq: 31 Jul 2023 19:32

Tgt Ion:240 Resp: 297611  
Ion Ratio Lower Upper  
240 100  
120 9.7 7.4 11.0  
236 26.8 22.2 33.4

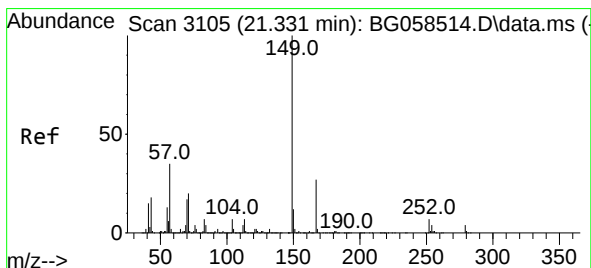
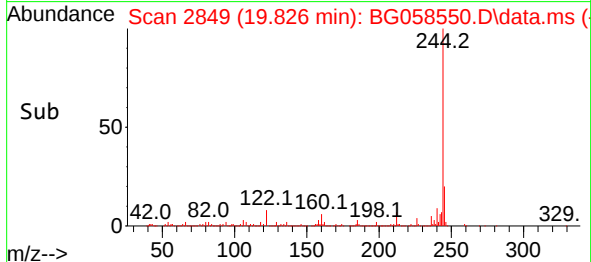
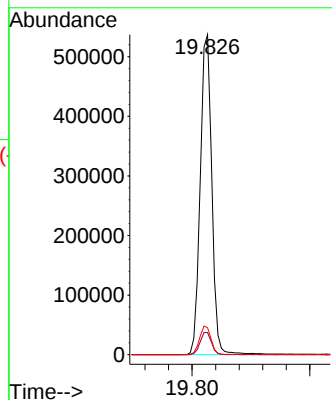
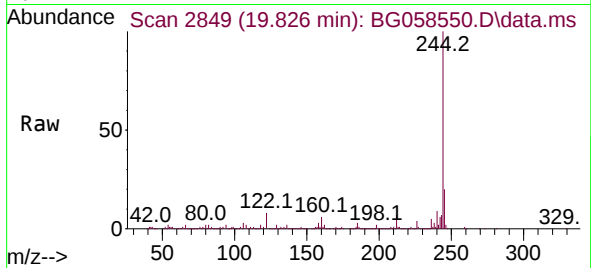




#79  
 Terphenyl-d14  
 Concen: 46.286 ng  
 RT: 19.826 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BG058550.D  
 Acq: 31 Jul 2023 19:32

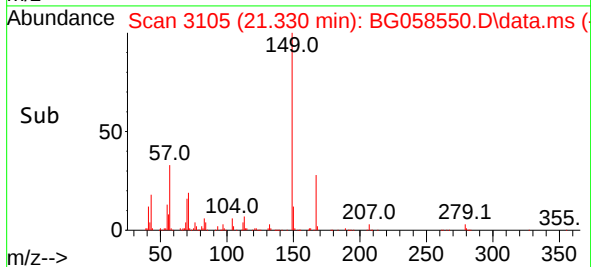
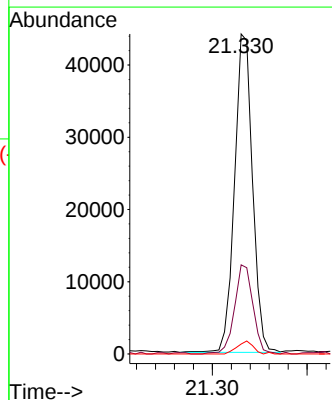
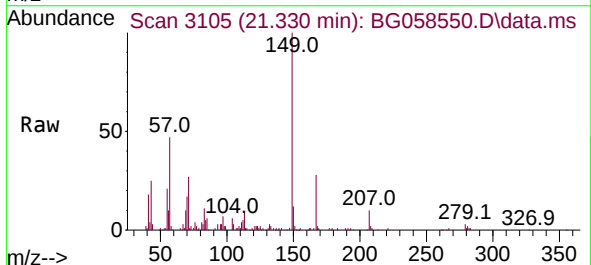
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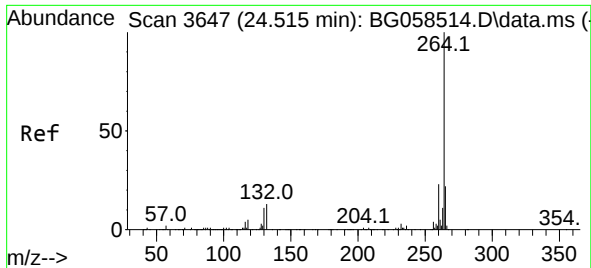
Tgt Ion:244 Resp: 732516  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.9 8.9  
 122 8.5 6.8 10.2



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 4.774 ng  
 RT: 21.330 min Scan# 3105  
 Delta R.T. -0.000 min  
 Lab File: BG058550.D  
 Acq: 31 Jul 2023 19:32

Tgt Ion:149 Resp: 58045  
 Ion Ratio Lower Upper  
 149 100  
 167 27.8 21.8 32.8  
 279 3.1 2.9 4.3





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.509 min Scan# 30  
Delta R.T. -0.006 min  
Lab File: BG058550.D  
Acq: 31 Jul 2023 19:32

Instrument :  
BNA\_G  
ClientSampleId :  
B-P33B

Tgt Ion:264 Resp: 371023  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 22.5  | 18.4  | 27.6  |
| 265 | 22.0  | 17.9  | 26.9  |

