

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083023\  
 Data File : BG058907.D  
 Acq On : 30 Aug 2023 22:50  
 Operator : MA/JU  
 Sample : 04197-09  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OR-309-OK-370-COMP-21

Quant Time: Aug 31 01:42:03 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG081823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 31 01:27:35 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.755  | 152  | 13657    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.558 | 136  | 58735    | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.412 | 164  | 48065    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.156 | 188  | 119882   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.398 | 240  | 101793   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.430 | 264  | 120604   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.328  | 112  | 135424   | 159.575 | ng    | 0.00     |
| 7) Phenol-d6                | 6.932  | 99   | 173668   | 145.857 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.924  | 82   | 123267   | 100.900 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.904 | 330  | 121202   | 160.820 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.031 | 172  | 320813   | 97.079  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.788 | 244  | 665625   | 117.414 | ng    | 0.00     |

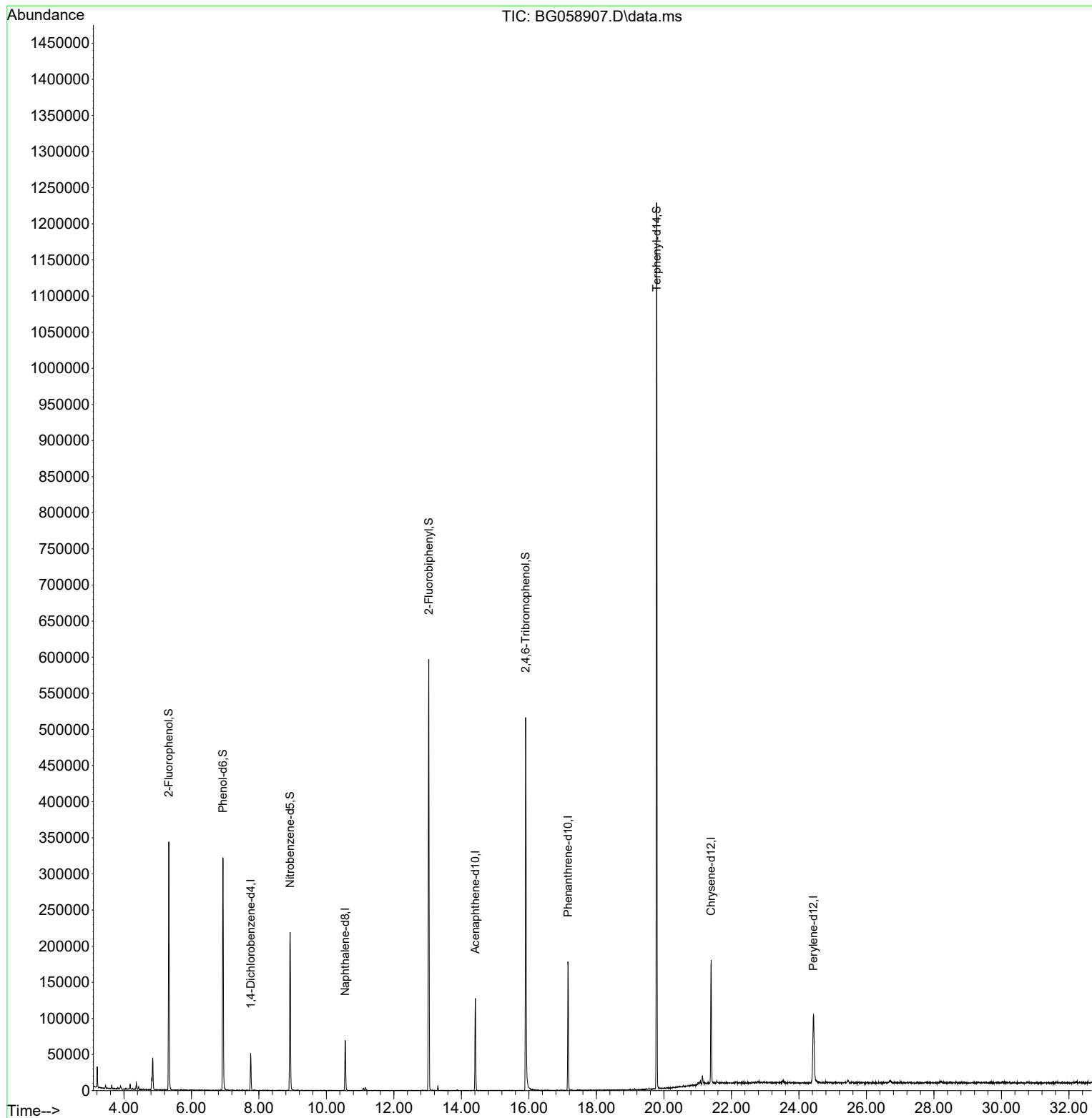
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

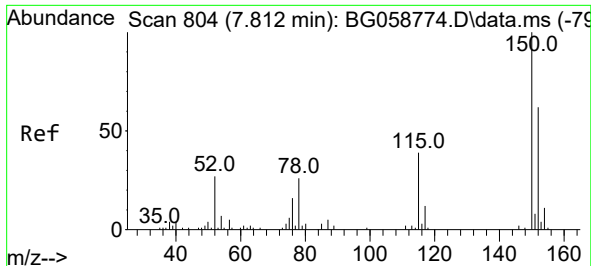
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083023\  
Data File : BG058907.D  
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Sample : 04197-09  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
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OR-309-OK-370-COMP-21

Quant Time: Aug 31 01:42:03 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG081823.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Aug 31 01:27:35 2023  
Response via : Initial Calibration

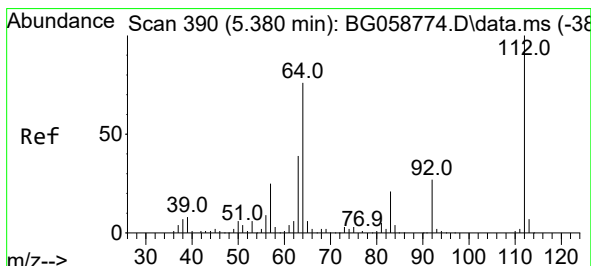
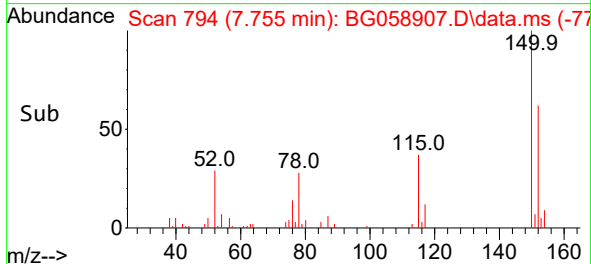
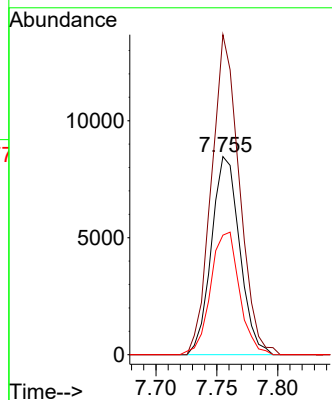
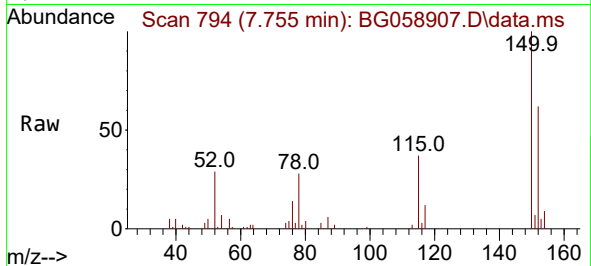




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.755 min Scan# 794  
Delta R.T. -0.004 min  
Lab File: BG058907.D  
Acq: 30 Aug 2023 22:50

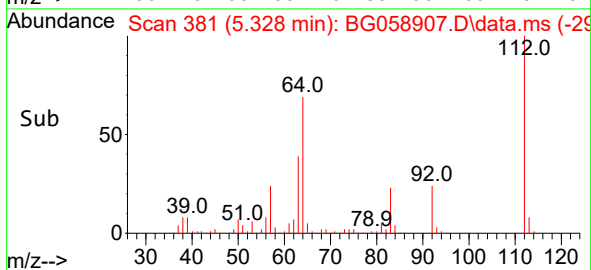
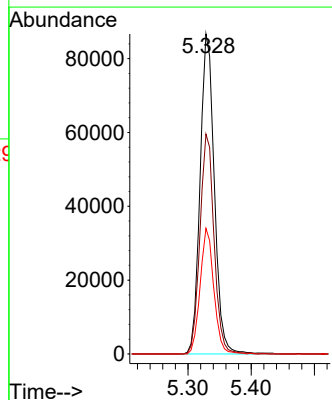
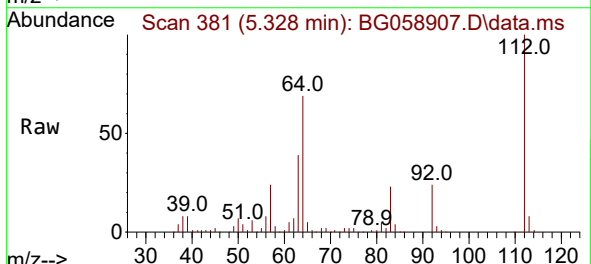
Instrument :  
BNA\_G  
ClientSampleId :  
OR-309-OK-370-COMP-21

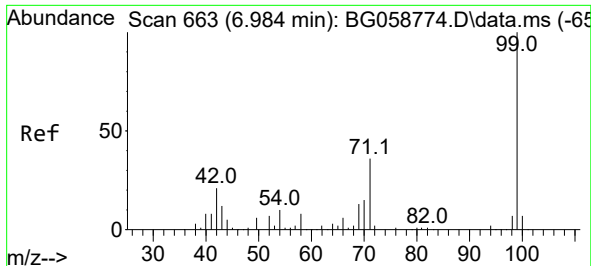
Tgt Ion:152 Resp: 13657  
Ion Ratio Lower Upper  
152 100  
150 161.5 128.6 192.8  
115 60.4 50.4 75.6



#5  
2-Fluorophenol  
Concen: 159.575 ng  
RT: 5.328 min Scan# 381  
Delta R.T. 0.002 min  
Lab File: BG058907.D  
Acq: 30 Aug 2023 22:50

Tgt Ion:112 Resp: 135424  
Ion Ratio Lower Upper  
112 100  
64 68.7 60.6 90.8  
63 39.3 31.0 46.4

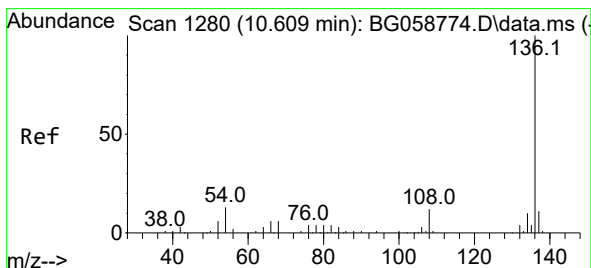
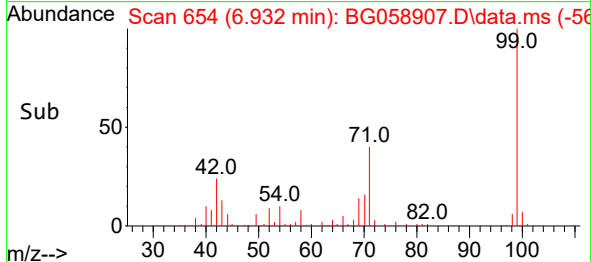
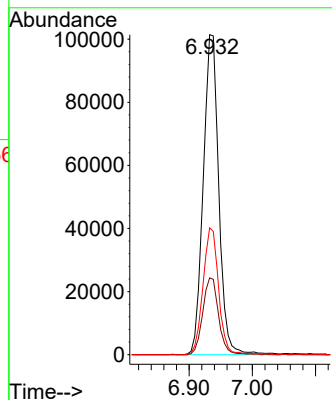
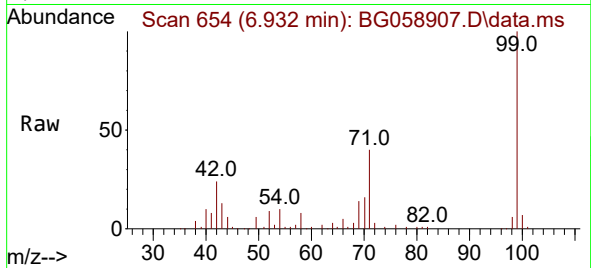




#7  
Phenol-d6  
Concen: 145.857 ng  
RT: 6.932 min Scan# 61  
Delta R.T. -0.004 min  
Lab File: BG058907.D  
Acq: 30 Aug 2023 22:50

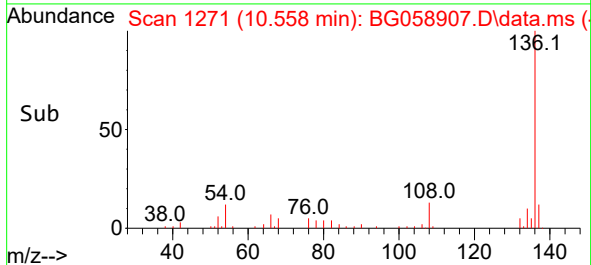
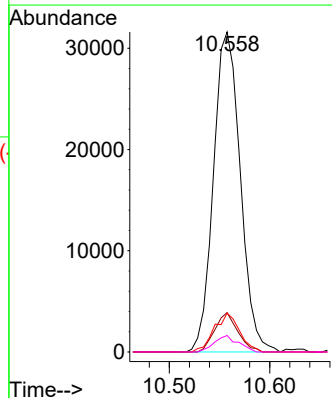
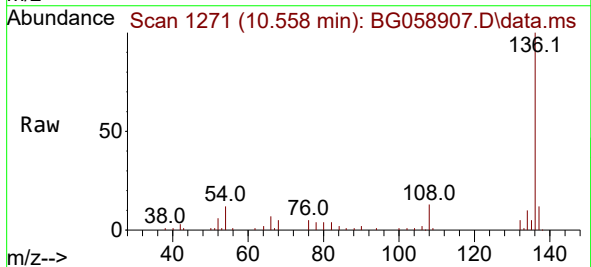
Instrument :  
BNA\_G  
ClientSampleId :  
OR-309-OK-370-COMP-21

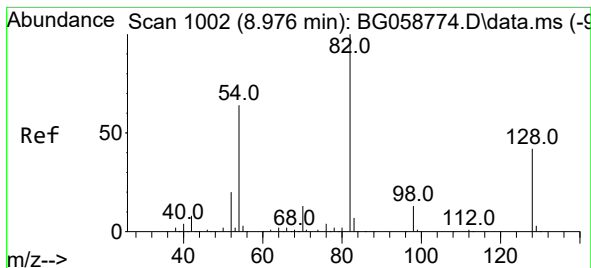
Tgt Ion: 99 Resp: 173668  
Ion Ratio Lower Upper  
99 100  
42 24.0 16.5 24.7  
71 39.7 28.4 42.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.558 min Scan# 1271  
Delta R.T. -0.004 min  
Lab File: BG058907.D  
Acq: 30 Aug 2023 22:50

Tgt Ion: 136 Resp: 58735  
Ion Ratio Lower Upper  
136 100  
137 12.3 8.7 13.1  
54 12.1 10.1 15.1  
68 5.1 5.2 7.8#





#23

Nitrobenzene-d5

Concen: 100.900 ng

RT: 8.924 min Scan# 91

Delta R.T. -0.004 min

Lab File: BG058907.D

Acq: 30 Aug 2023 22:50

Instrument :

BNA\_G

ClientSampleId :

OR-309-OK-370-COMP-21

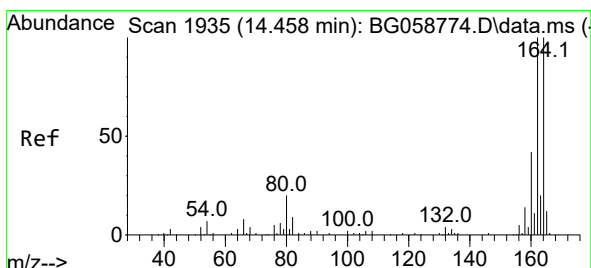
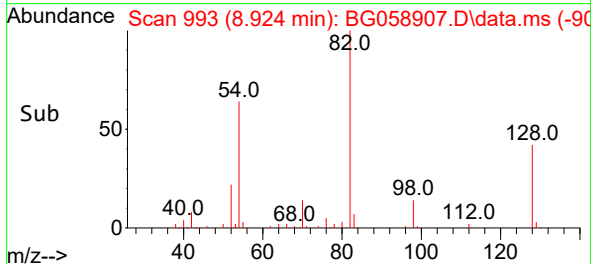
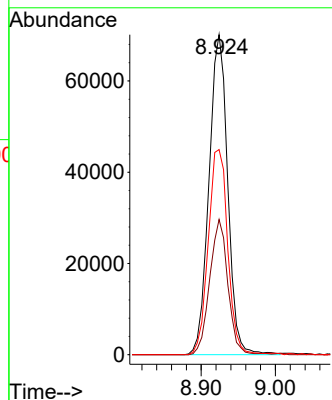
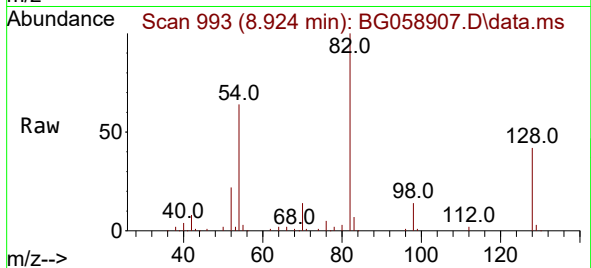
Tgt Ion: 82 Resp: 123267

Ion Ratio Lower Upper

82 100

128 42.3 33.2 49.8

54 64.1 51.2 76.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.412 min Scan# 1927

Delta R.T. -0.004 min

Lab File: BG058907.D

Acq: 30 Aug 2023 22:50

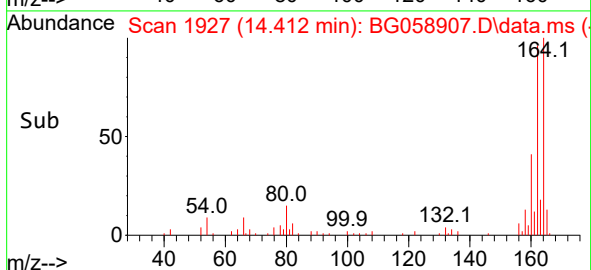
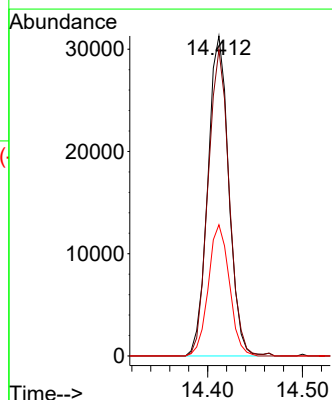
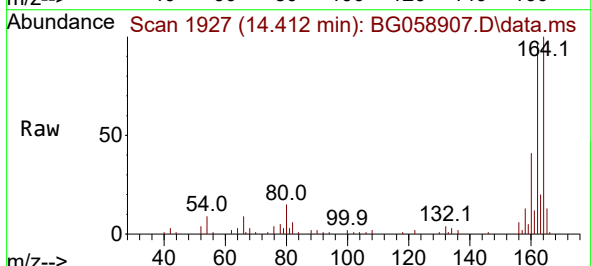
Tgt Ion:164 Resp: 48065

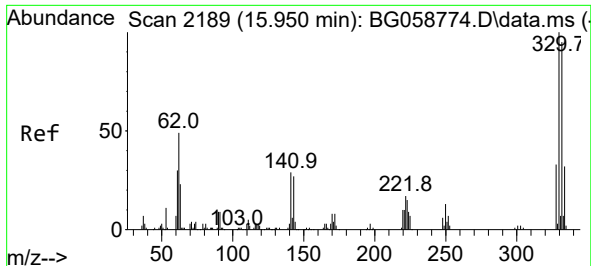
Ion Ratio Lower Upper

164 100

162 95.7 79.6 119.4

160 41.0 34.0 51.0

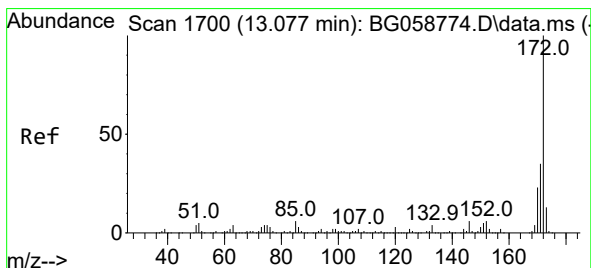
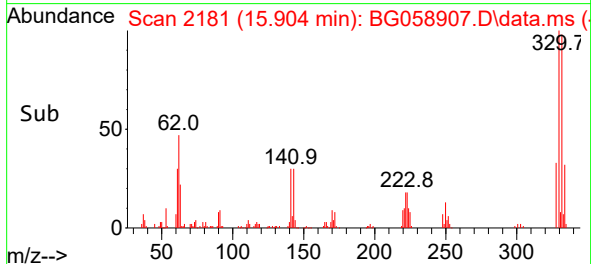
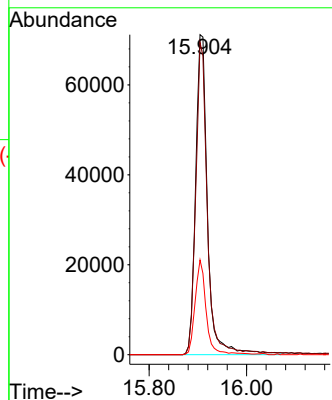
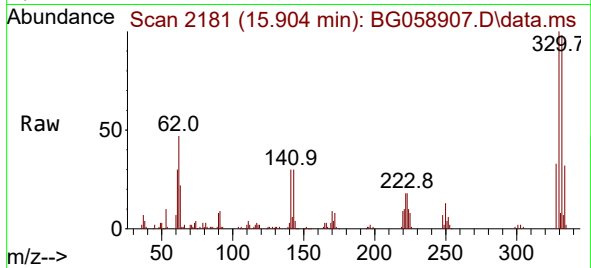




#42  
2,4,6-Tribromophenol  
Concen: 160.820 ng  
RT: 15.904 min Scan# 2181  
Delta R.T. -0.010 min  
Lab File: BG058907.D  
Acq: 30 Aug 2023 22:50

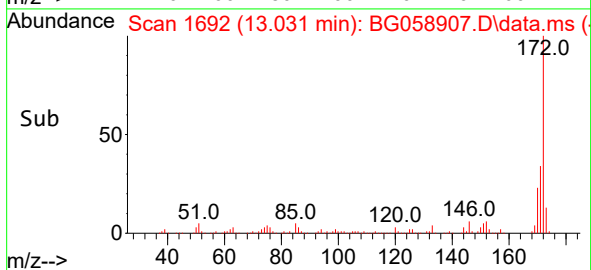
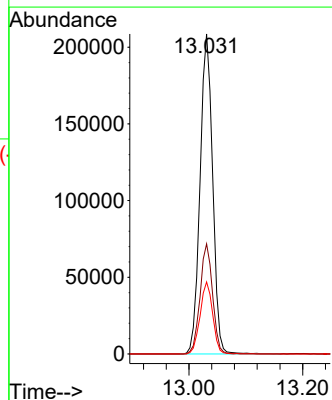
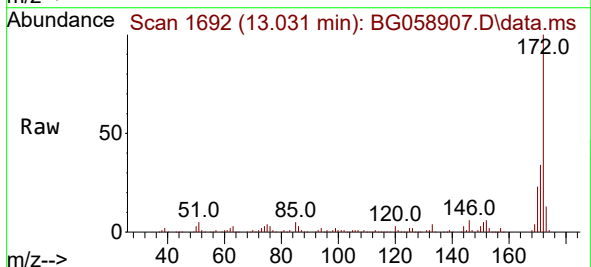
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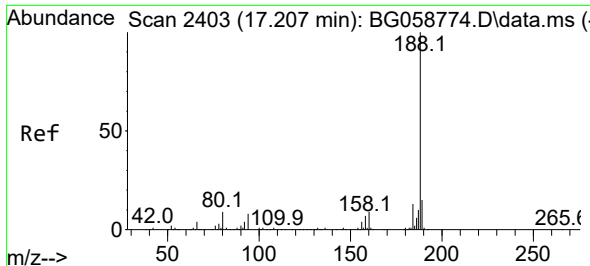
Tgt Ion:330 Resp: 121202  
Ion Ratio Lower Upper  
330 100  
332 93.1 78.5 117.7  
141 27.7 23.0 34.6



#45  
2-Fluorobiphenyl  
Concen: 97.079 ng  
RT: 13.031 min Scan# 1692  
Delta R.T. -0.004 min  
Lab File: BG058907.D  
Acq: 30 Aug 2023 22:50

Tgt Ion:172 Resp: 320813  
Ion Ratio Lower Upper  
172 100  
171 34.4 28.1 42.1  
170 22.5 18.6 27.8

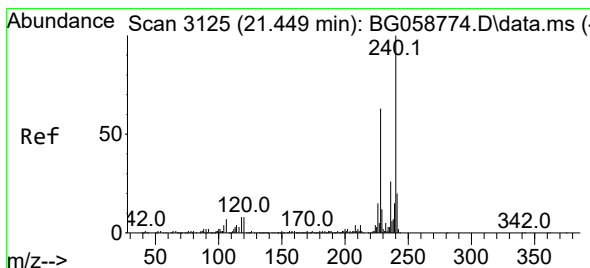
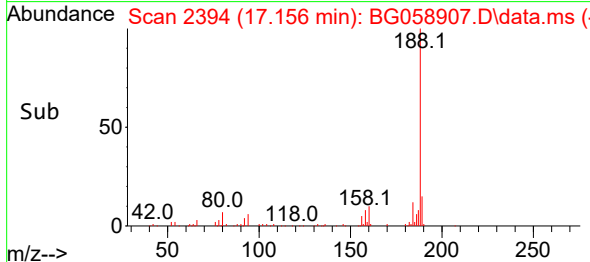
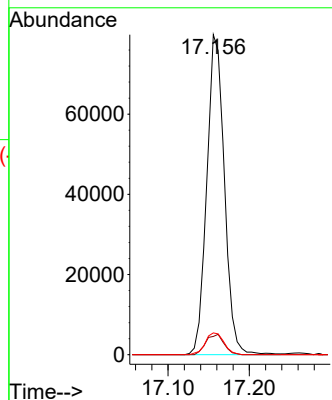
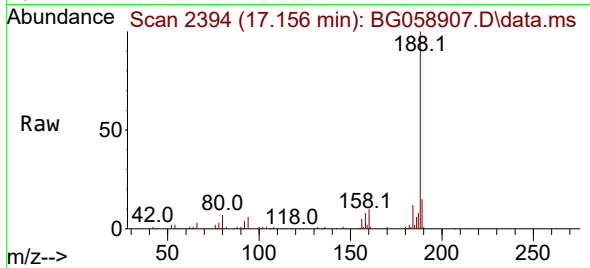




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.156 min Scan# 2116  
Delta R.T. -0.010 min  
Lab File: BG058907.D  
Acq: 30 Aug 2023 22:50

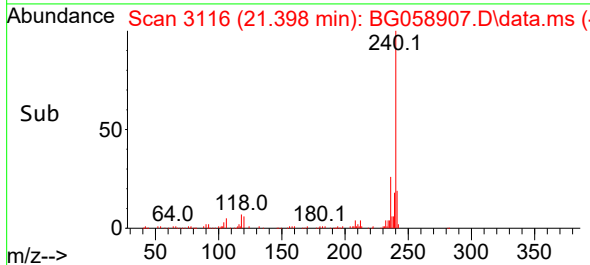
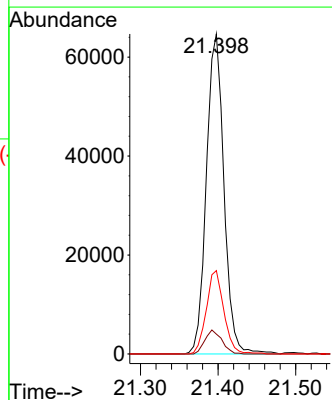
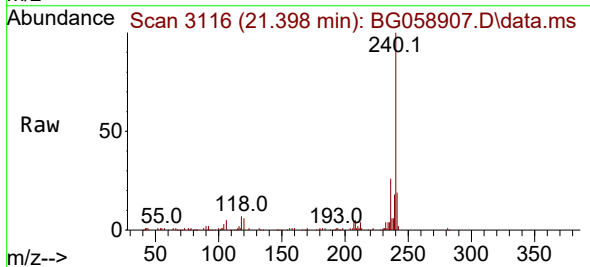
Instrument :  
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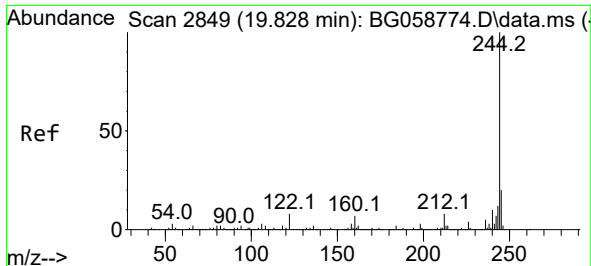
Tgt Ion:188 Resp: 119882  
Ion Ratio Lower Upper  
188 100  
94 5.7 6.1 9.1#  
80 6.8 6.9 10.3#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.398 min Scan# 3116  
Delta R.T. -0.010 min  
Lab File: BG058907.D  
Acq: 30 Aug 2023 22:50

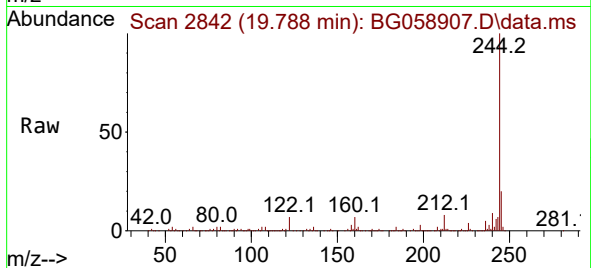
Tgt Ion:240 Resp: 101793  
Ion Ratio Lower Upper  
240 100  
120 6.2 6.2 9.2  
236 26.1 20.5 30.7



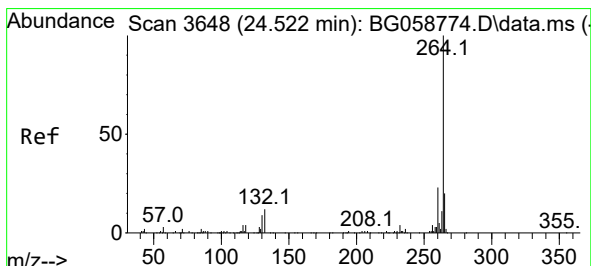
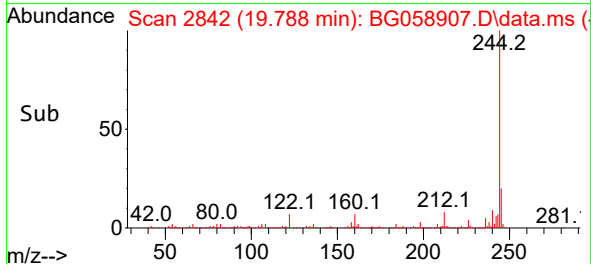
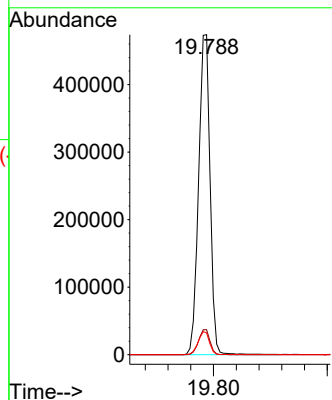


#79  
 Terphenyl-d14  
 Concen: 117.414 ng  
 RT: 19.788 min Scan# 21  
 Delta R.T. -0.004 min  
 Lab File: BG058907.D  
 Acq: 30 Aug 2023 22:50

Instrument :  
 BNA\_G  
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 OR-309-OK-370-COMP-21



Tgt Ion:244 Resp: 665625  
 Ion Ratio Lower Upper  
 244 100  
 212 7.8 6.2 9.2  
 122 6.8 6.3 9.5



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.430 min Scan# 3632  
 Delta R.T. -0.010 min  
 Lab File: BG058907.D  
 Acq: 30 Aug 2023 22:50

Tgt Ion:264 Resp: 120604  
 Ion Ratio Lower Upper  
 264 100  
 260 22.1 18.2 27.2  
 265 21.3 16.4 24.6

