

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG041223\  
 Data File : BG057073.D  
 Acq On : 12 Apr 2023 21:34  
 Operator : CG/JU  
 Sample : 02283-05  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 20230329-COMP-7

Quant Time: Apr 13 05:27:17 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG033023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 13 05:15:23 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.403  | 152  | 14997    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.246 | 136  | 58684    | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 15.017 | 164  | 41632    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.755 | 188  | 102971   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 22.072 | 240  | 95363    | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 25.609 | 264  | 101680   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.912  | 112  | 98383    | 104.992 | ng    | 0.00     |
| 7) Phenol-d6                | 7.539  | 99   | 133989   | 95.606  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.583  | 82   | 85790    | 59.817  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.498 | 330  | 62170    | 93.477  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.643 | 172  | 180723   | 58.864  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.322 | 244  | 316071   | 56.085  | ng    | 0.00     |

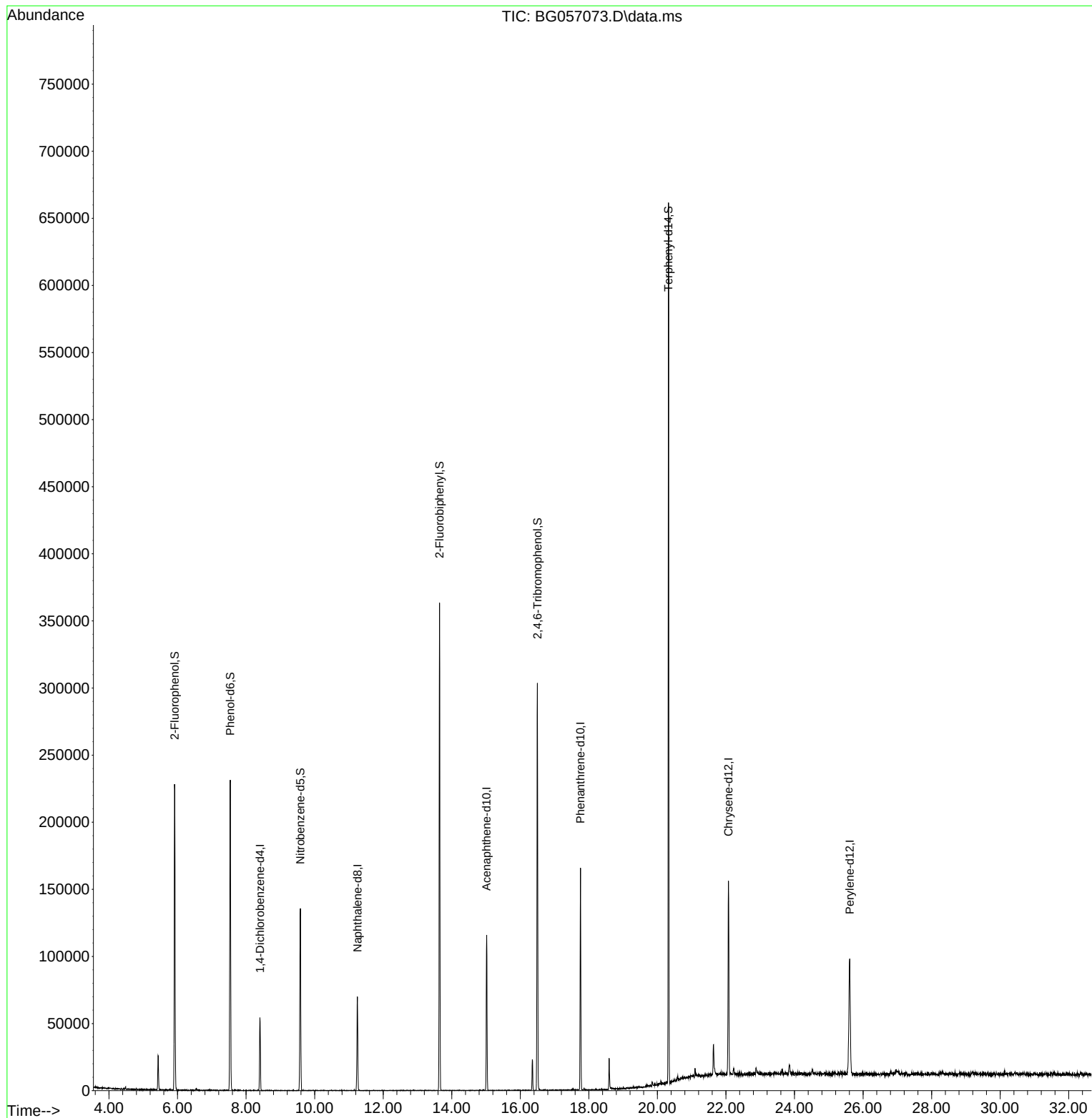
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

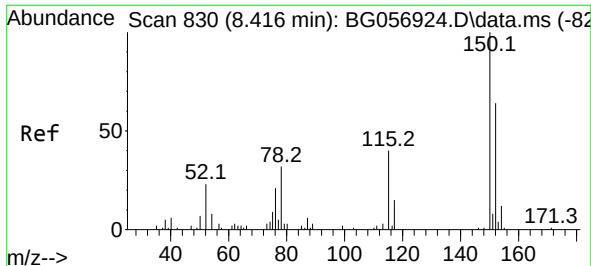
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 13 05:27:17 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG033023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Apr 13 05:15:23 2023  
Response via : Initial Calibration

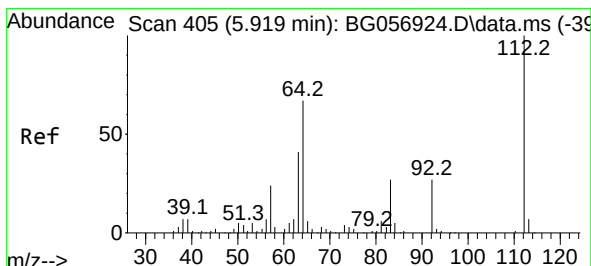
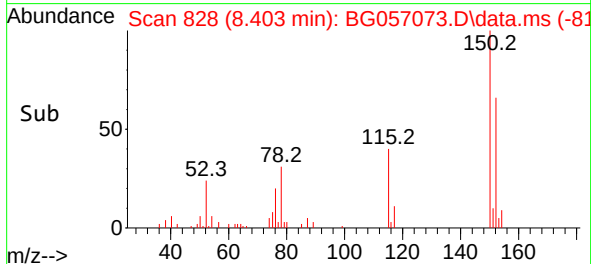
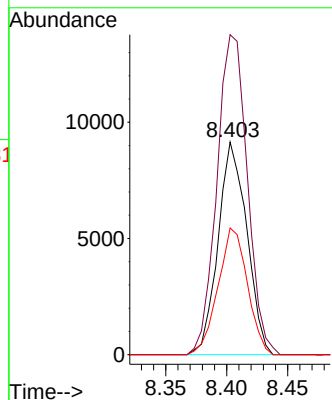
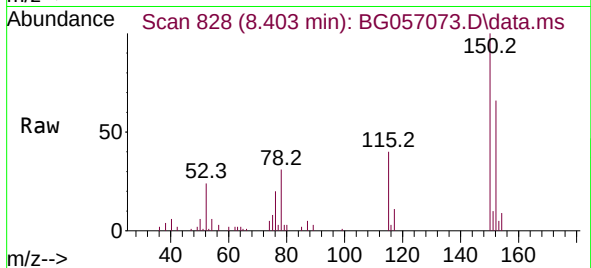




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.403 min Scan# 81  
Delta R.T. -0.008 min  
Lab File: BG057073.D  
Acq: 12 Apr 2023 21:34

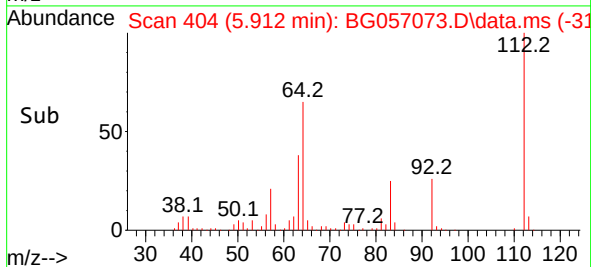
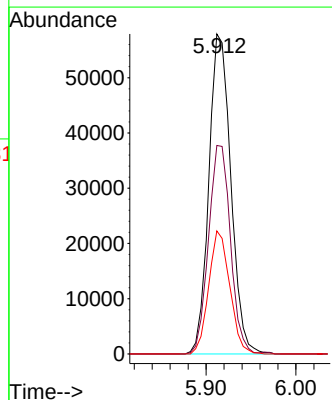
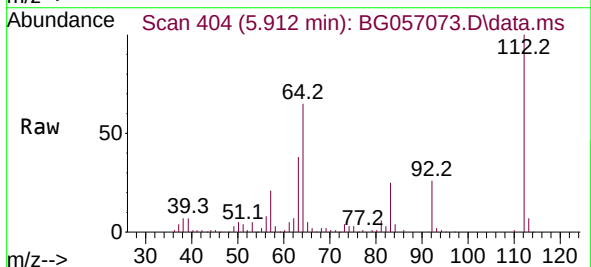
Instrument :  
BNA\_G  
ClientSampleId :  
20230329-COMP-7

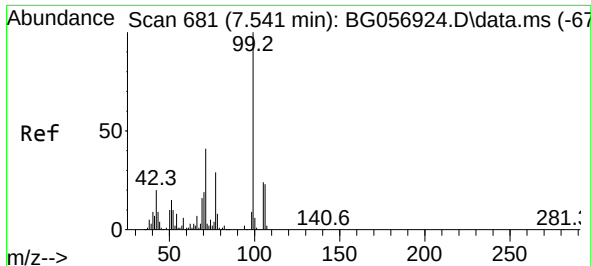
Tgt Ion:152 Resp: 14997  
Ion Ratio Lower Upper  
152 100  
150 150.5 124.1 186.1  
115 59.6 49.1 73.7



#5  
2-Fluorophenol  
Concen: 104.992 ng  
RT: 5.912 min Scan# 404  
Delta R.T. -0.003 min  
Lab File: BG057073.D  
Acq: 12 Apr 2023 21:34

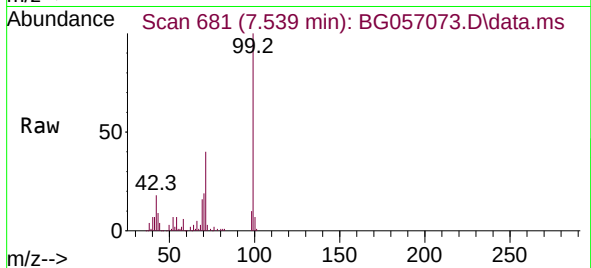
Tgt Ion:112 Resp: 98383  
Ion Ratio Lower Upper  
112 100  
64 65.1 53.2 79.8  
63 38.5 32.6 48.8



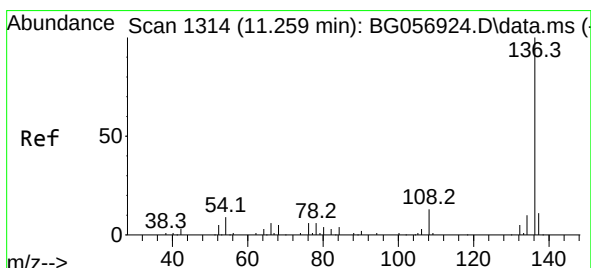
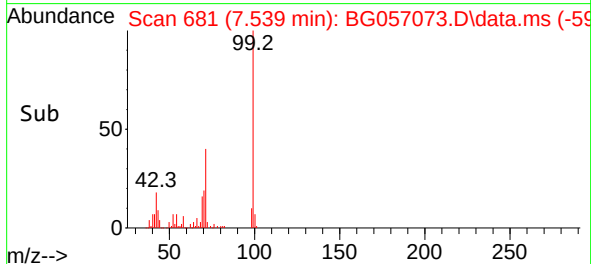
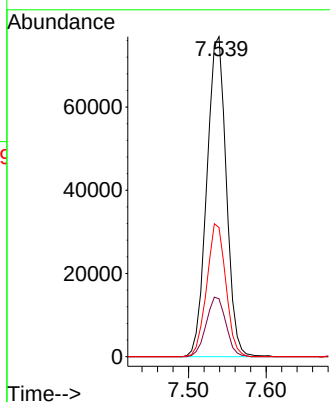


#7  
Phenol-d6  
Concen: 95.606 ng  
RT: 7.539 min Scan# 61  
Delta R.T. 0.003 min  
Lab File: BG057073.D  
Acq: 12 Apr 2023 21:34

Instrument :  
BNA\_G  
ClientSampleId :  
20230329-COMP-7

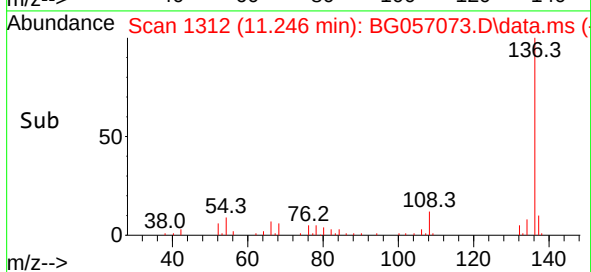
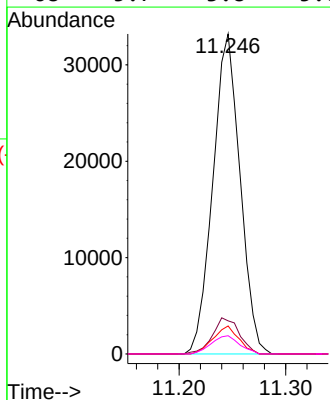
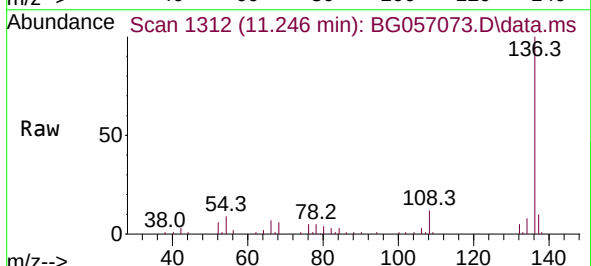


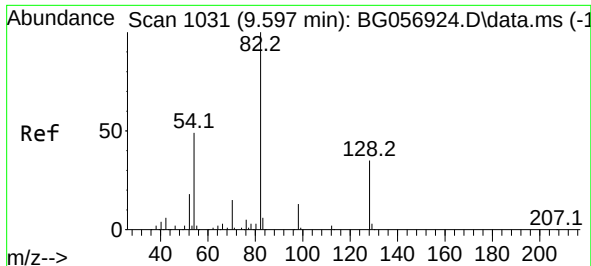
Tgt Ion: 99 Resp: 133989  
Ion Ratio Lower Upper  
99 100  
42 18.1 15.7 23.5  
71 40.3 32.5 48.7



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.246 min Scan# 1312  
Delta R.T. -0.003 min  
Lab File: BG057073.D  
Acq: 12 Apr 2023 21:34

Tgt Ion: 136 Resp: 58684  
Ion Ratio Lower Upper  
136 100  
137 10.4 8.6 13.0  
54 8.8 6.9 10.3  
68 5.7 3.8 5.6#





#23

Nitrobenzene-d5

Concen: 59.817 ng

RT: 9.583 min Scan# 1029

Delta R.T. -0.003 min

Lab File: BG057073.D

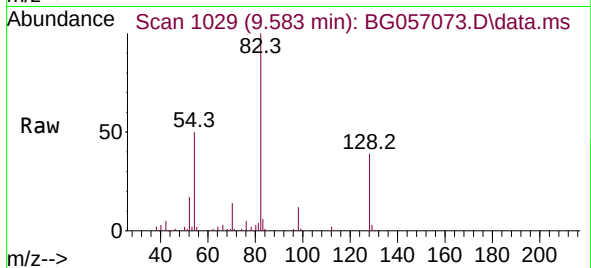
Acq: 12 Apr 2023 21:34

Instrument :

BNA\_G

ClientSampleId :

20230329-COMP-7



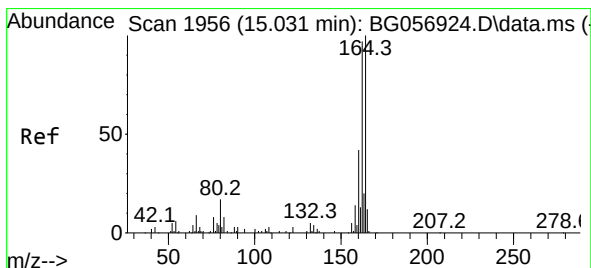
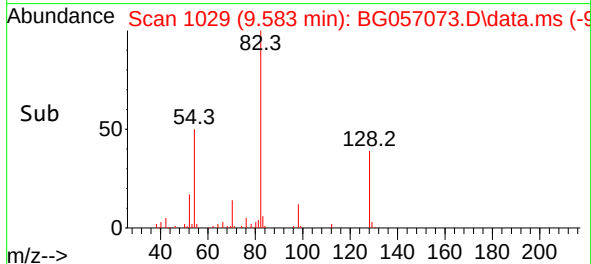
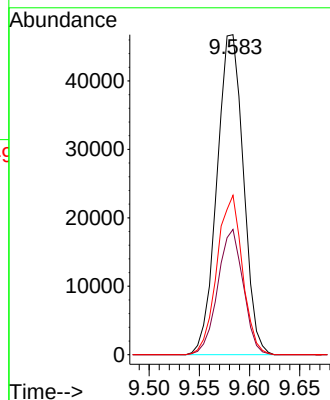
Tgt Ion: 82 Resp: 85790

Ion Ratio Lower Upper

82 100

128 39.1 27.9 41.9

54 49.8 39.4 59.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.017 min Scan# 1954

Delta R.T. -0.003 min

Lab File: BG057073.D

Acq: 12 Apr 2023 21:34

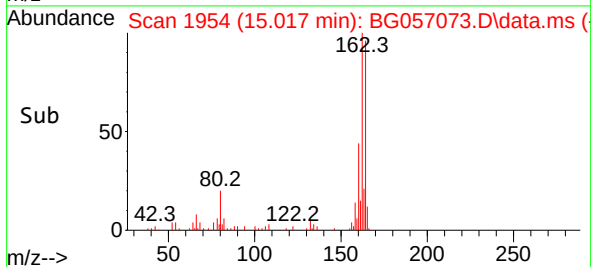
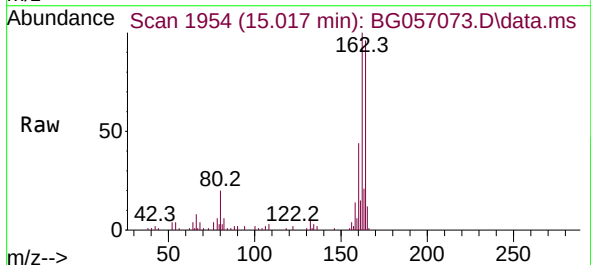
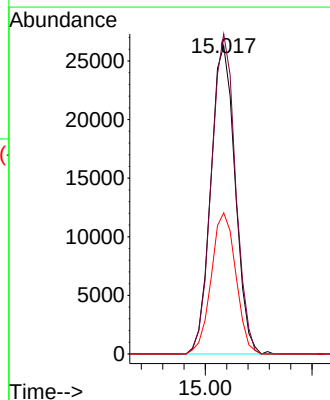
Tgt Ion: 164 Resp: 41632

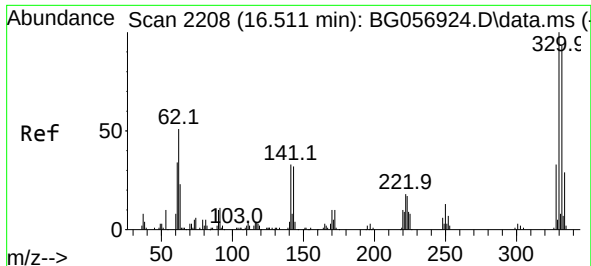
Ion Ratio Lower Upper

164 100

162 103.9 77.8 116.8

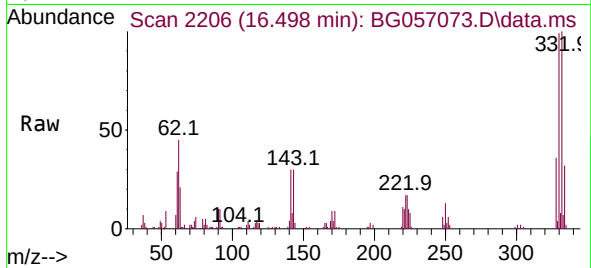
160 45.8 33.5 50.3



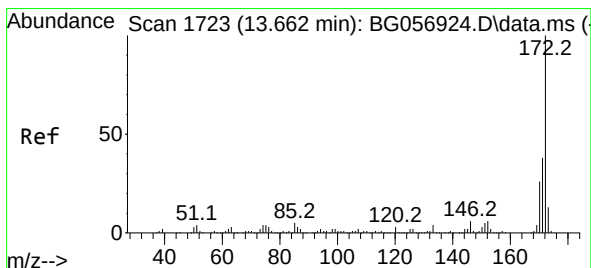
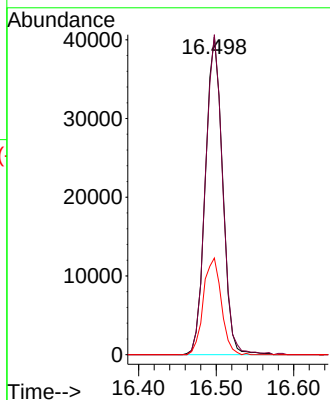
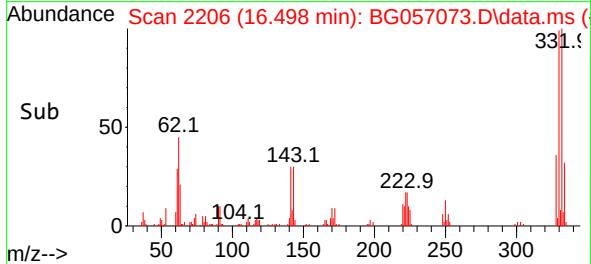


#42  
2,4,6-Tribromophenol  
Concen: 93.477 ng  
RT: 16.498 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BG057073.D  
Acq: 12 Apr 2023 21:34

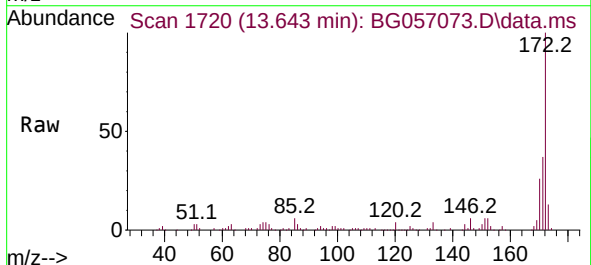
Instrument :  
BNA\_G  
ClientSampleId :  
20230329-COMP-7



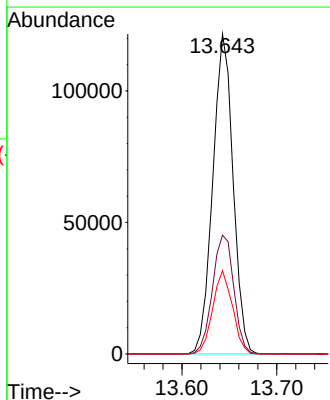
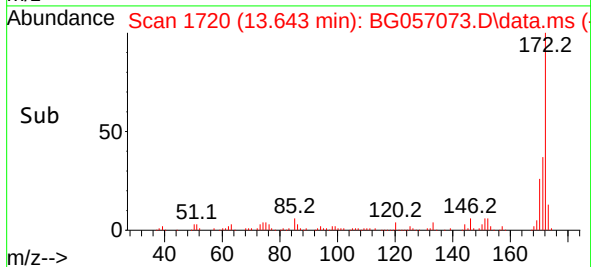
Tgt Ion:330 Resp: 62170  
Ion Ratio Lower Upper  
330 100  
332 100.3 76.1 114.1  
141 31.6 25.8 38.6

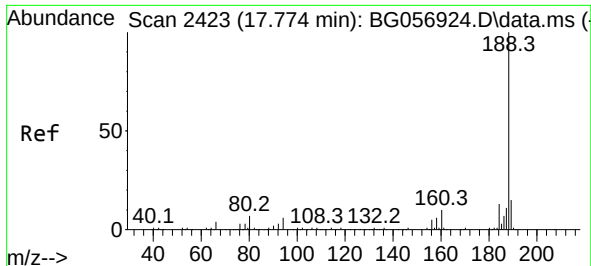


#45  
2-Fluorobiphenyl  
Concen: 58.864 ng  
RT: 13.643 min Scan# 1720  
Delta R.T. -0.003 min  
Lab File: BG057073.D  
Acq: 12 Apr 2023 21:34



Tgt Ion:172 Resp: 180723  
Ion Ratio Lower Upper  
172 100  
171 37.1 30.6 46.0  
170 26.0 20.6 30.8

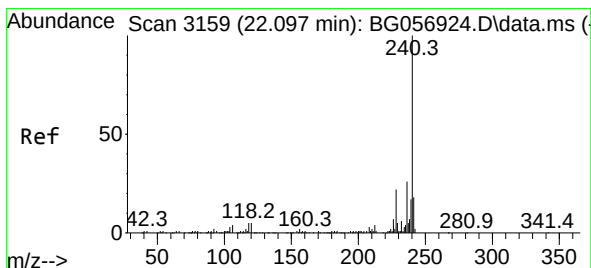
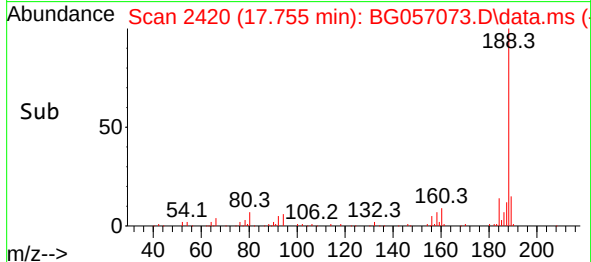
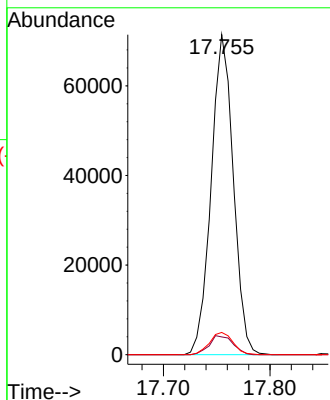
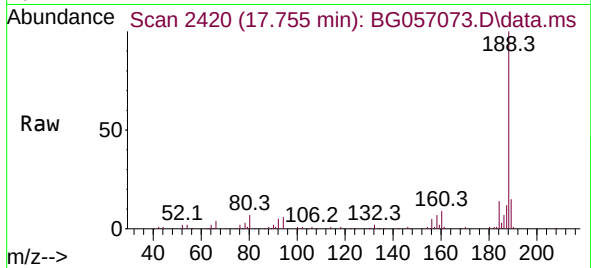




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.755 min Scan# 2420  
Delta R.T. -0.008 min  
Lab File: BG057073.D  
Acq: 12 Apr 2023 21:34

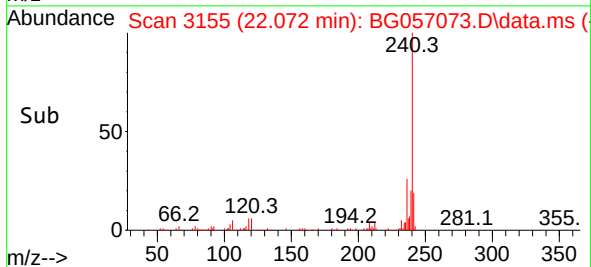
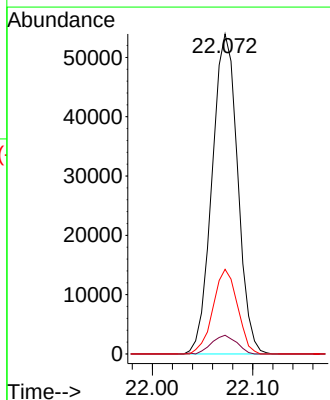
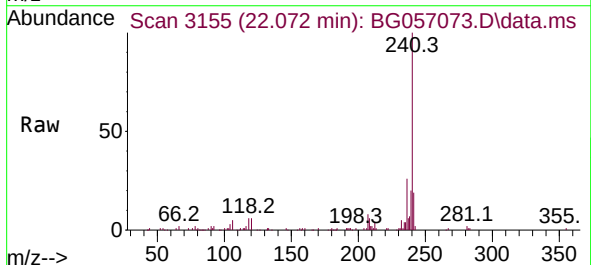
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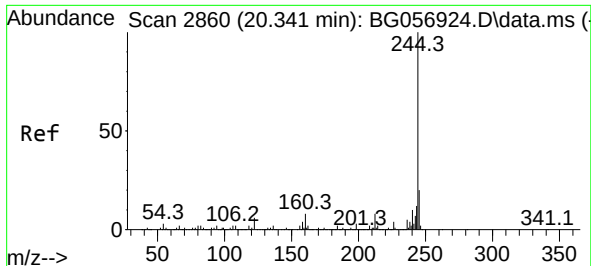
Tgt Ion:188 Resp: 102971  
Ion Ratio Lower Upper  
188 100  
94 5.5 4.6 6.8  
80 7.0 5.5 8.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 22.072 min Scan# 3155  
Delta R.T. -0.009 min  
Lab File: BG057073.D  
Acq: 12 Apr 2023 21:34

Tgt Ion:240 Resp: 95363  
Ion Ratio Lower Upper  
240 100  
120 5.8 3.8 5.6#  
236 26.4 21.0 31.6

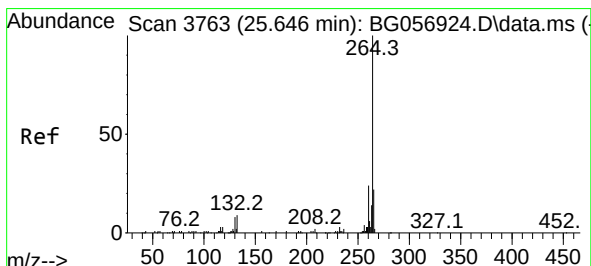
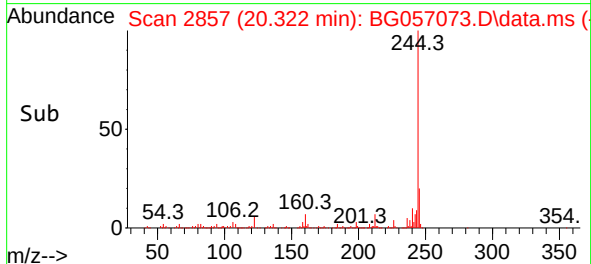
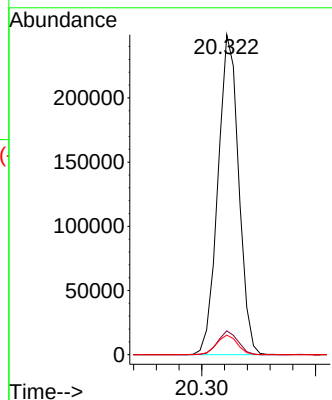
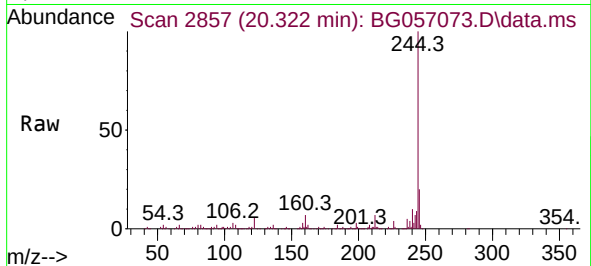




#79  
 Terphenyl-d14  
 Concen: 56.085 ng  
 RT: 20.322 min Scan# 21  
 Delta R.T. -0.003 min  
 Lab File: BG057073.D  
 Acq: 12 Apr 2023 21:34

Instrument :  
 BNA\_G  
 ClientSampleId :  
 20230329-COMP-7

Tgt Ion:244 Resp: 316071  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 6.1 9.1  
 122 6.1 5.0 7.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.609 min Scan# 3757  
 Delta R.T. -0.003 min  
 Lab File: BG057073.D  
 Acq: 12 Apr 2023 21:34

Tgt Ion:264 Resp: 101680  
 Ion Ratio Lower Upper  
 264 100  
 260 24.0 19.0 28.4  
 265 22.6 17.8 26.6

