

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG012323\  
 Data File : BG056389.D  
 Acq On : 23 Jan 2023 18:28  
 Operator : CG/JU  
 Sample : 01217-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BORING-4

Quant Time: Jan 24 01:23:26 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG122722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 19 00:31:30 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.296  | 152  | 34168    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.128 | 136  | 131732   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.912 | 164  | 109815   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.650 | 188  | 299971   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.939 | 240  | 278881   | 20.000  | ng    | #-0.02   |
| 86) Perylene-d12            | 25.364 | 264  | 295603   | 20.000  | ng    | -0.03    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.817  | 112  | 199218   | 104.104 | ng    | 0.00     |
| 7) Phenol-d6                | 7.438  | 99   | 271673   | 92.443  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.471  | 82   | 143789   | 55.833  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 16.392 | 330  | 107305   | 77.154  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.537 | 172  | 446447   | 56.140  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.223 | 244  | 934021   | 59.985  | ng    | 0.00     |

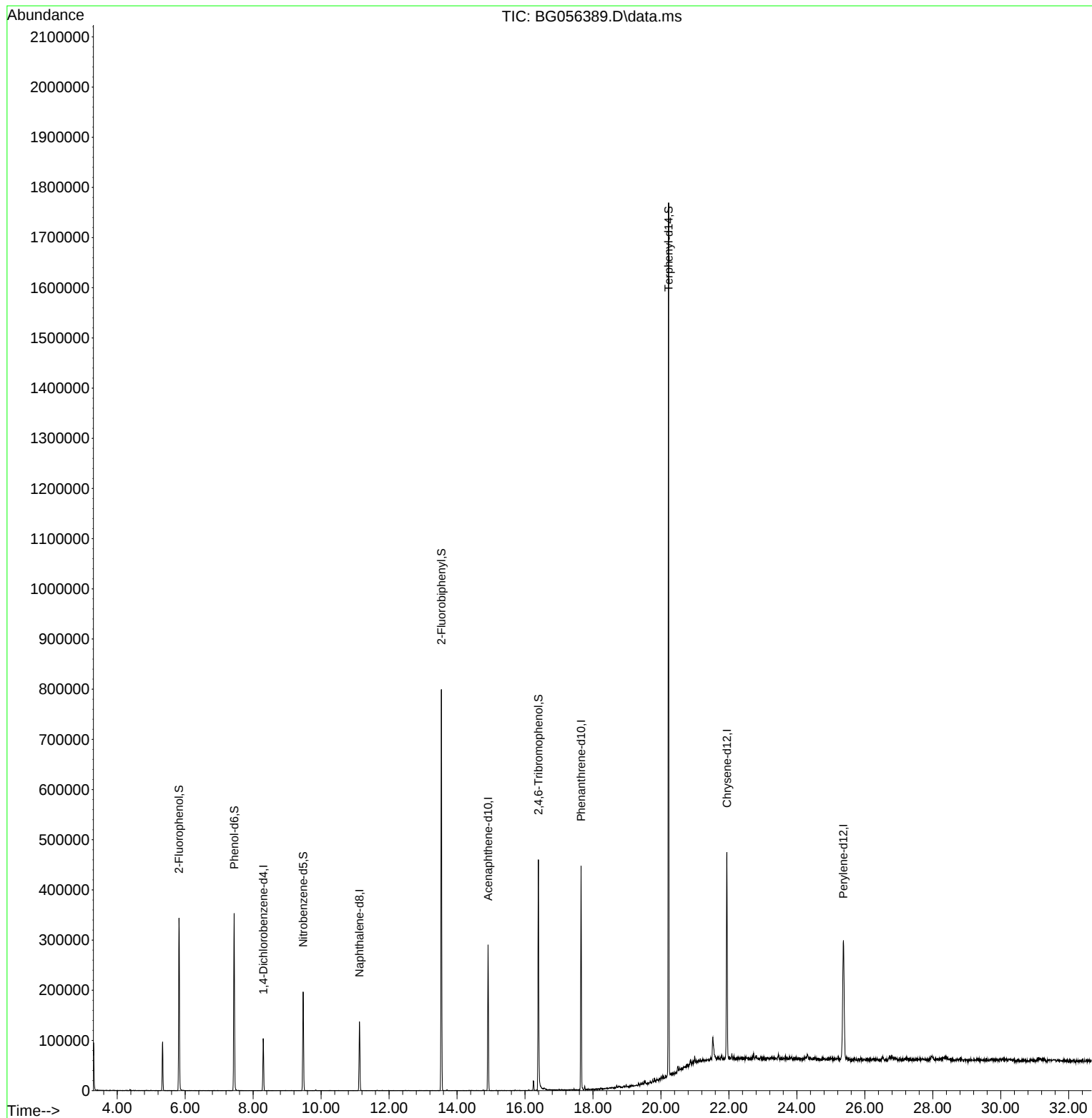
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

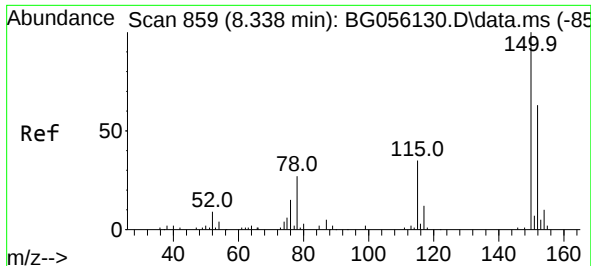
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :  
ALS Vial : 11 Sample Multiplier: 1

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BNA\_G  
ClientSampleId :  
BORING-4

Quant Time: Jan 24 01:23:26 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG122722.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jan 19 00:31:30 2023  
Response via : Initial Calibration

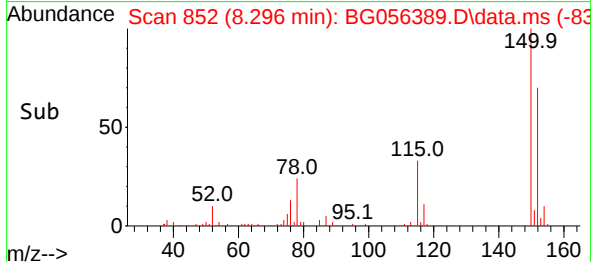
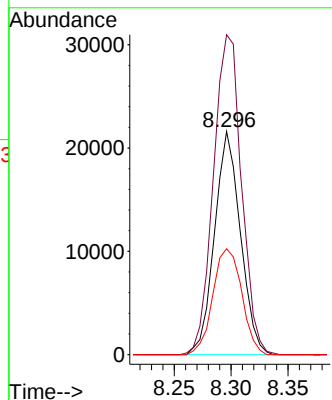
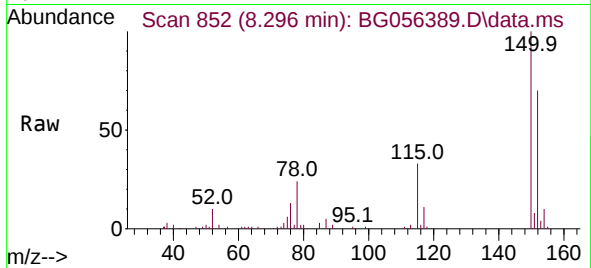




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.296 min Scan# 81  
Delta R.T. -0.010 min  
Lab File: BG056389.D  
Acq: 23 Jan 2023 18:28

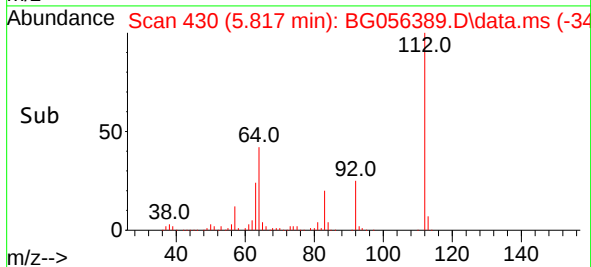
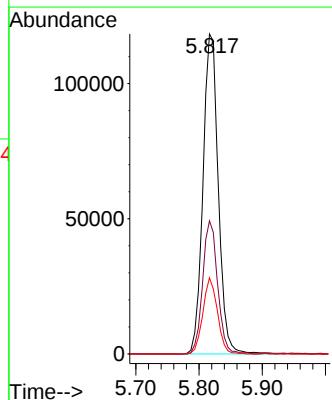
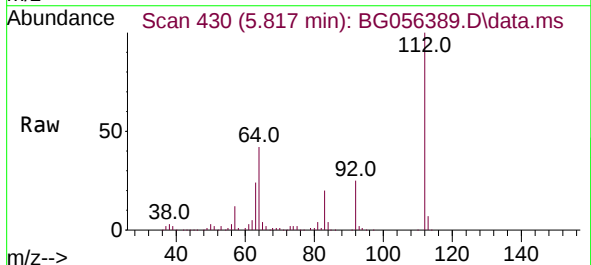
Instrument :  
BNA\_G  
ClientSampleId :  
BORING-4

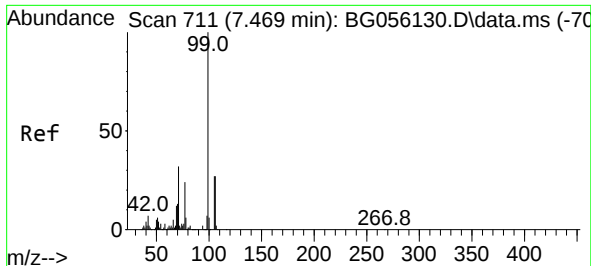
Tgt Ion:152 Resp: 34168  
Ion Ratio Lower Upper  
152 100  
150 143.4 127.9 191.9  
115 47.5 44.2 66.2



#5  
2-Fluorophenol  
Concen: 104.104 ng  
RT: 5.817 min Scan# 430  
Delta R.T. -0.010 min  
Lab File: BG056389.D  
Acq: 23 Jan 2023 18:28

Tgt Ion:112 Resp: 199218  
Ion Ratio Lower Upper  
112 100  
64 41.6 33.3 49.9  
63 23.8 19.0 28.4

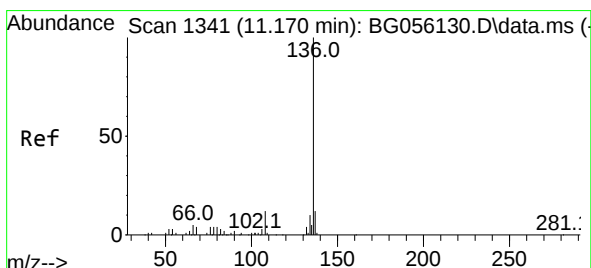
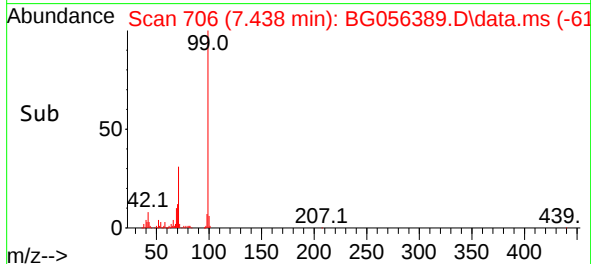
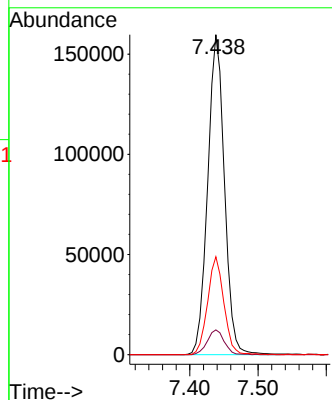
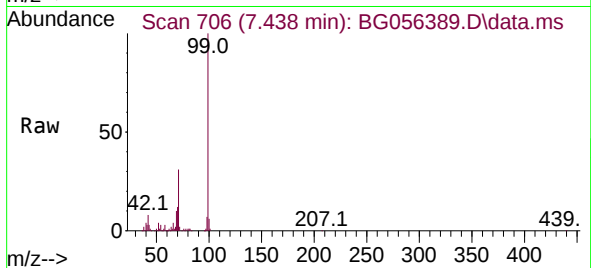




#7  
Phenol-d6  
Concen: 92.443 ng  
RT: 7.438 min Scan# 706  
Delta R.T. -0.010 min  
Lab File: BG056389.D  
Acq: 23 Jan 2023 18:28

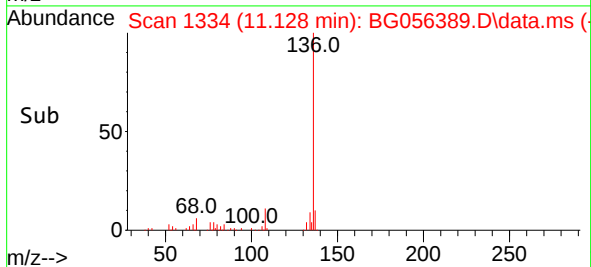
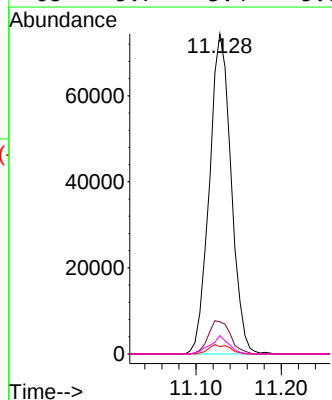
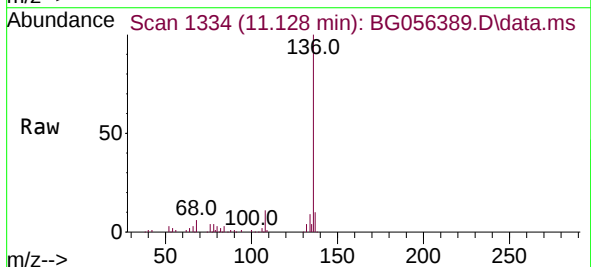
Instrument :  
BNA\_G  
ClientSampleId :  
BORING-4

Tgt Ion: 99 Resp: 271673  
Ion Ratio Lower Upper  
99 100  
42 7.7 5.9 8.9  
71 30.6 25.4 38.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.128 min Scan# 1334  
Delta R.T. -0.010 min  
Lab File: BG056389.D  
Acq: 23 Jan 2023 18:28

Tgt Ion: 136 Resp: 131732  
Ion Ratio Lower Upper  
136 100  
137 10.0 9.4 14.0  
54 2.3 2.2 3.2  
68 5.7 3.4 5.0#





#23

Nitrobenzene-d5

Concen: 55.833 ng

RT: 9.471 min Scan# 1052

Delta R.T. -0.016 min

Lab File: BG056389.D

Acq: 23 Jan 2023 18:28

Instrument :

BNA\_G

ClientSampleId :

BORING-4

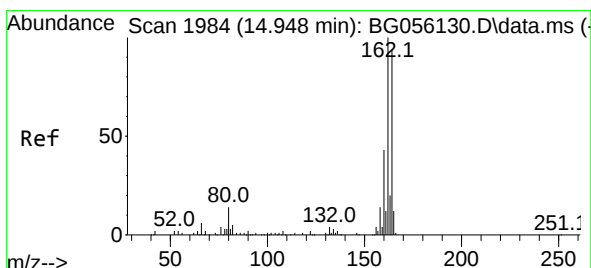
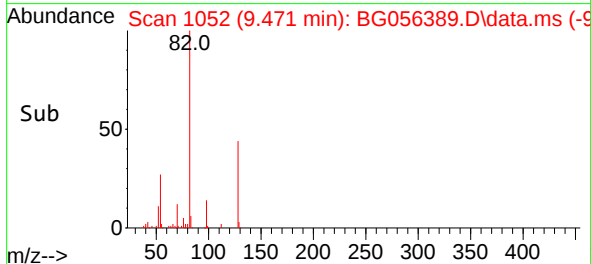
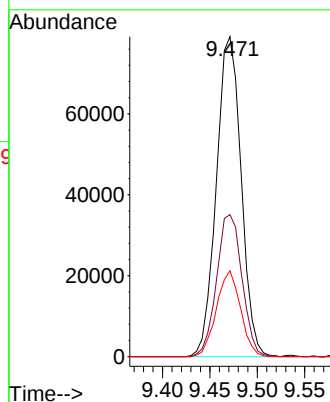
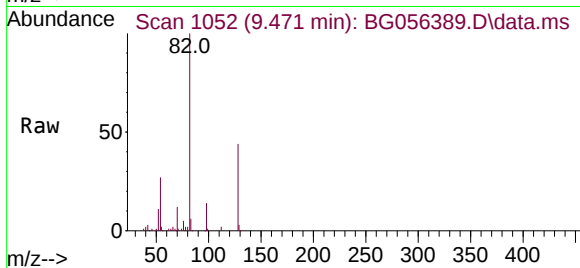
Tgt Ion: 82 Resp: 143789

Ion Ratio Lower Upper

82 100

128 44.4 33.4 50.2

54 26.8 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.912 min Scan# 1978

Delta R.T. -0.010 min

Lab File: BG056389.D

Acq: 23 Jan 2023 18:28

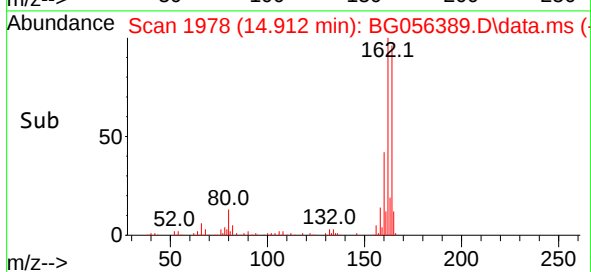
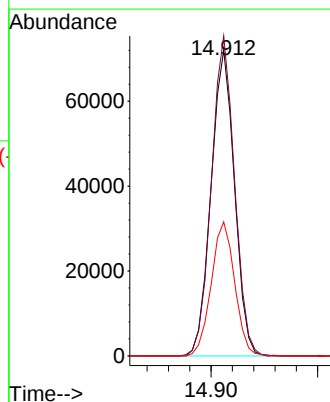
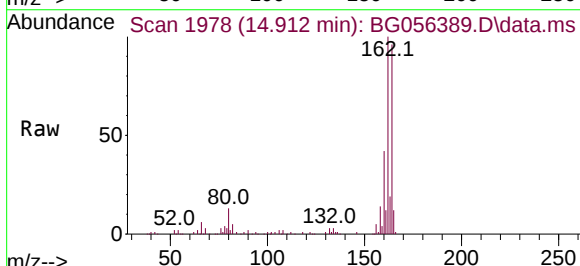
Tgt Ion:164 Resp: 109815

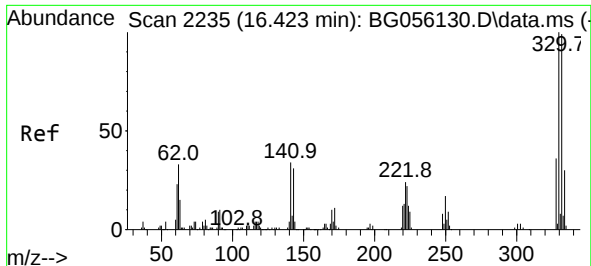
Ion Ratio Lower Upper

164 100

162 104.6 84.7 127.1

160 43.8 36.3 54.5

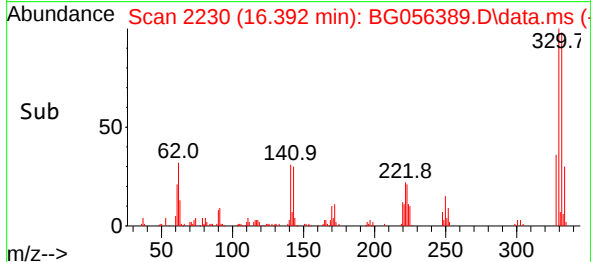
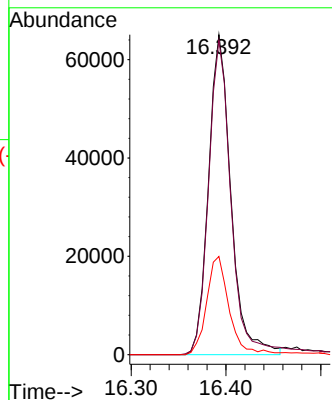
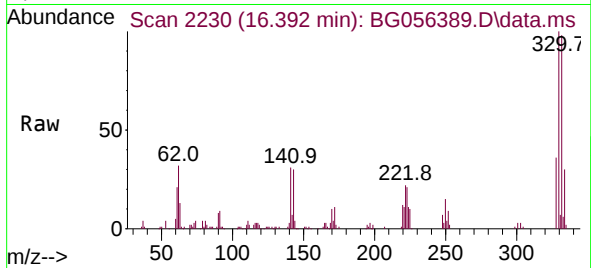




#42  
2,4,6-Tribromophenol  
Concen: 77.154 ng  
RT: 16.392 min Scan# 21  
Delta R.T. -0.010 min  
Lab File: BG056389.D  
Acq: 23 Jan 2023 18:28

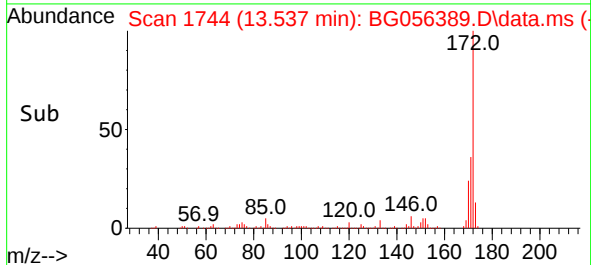
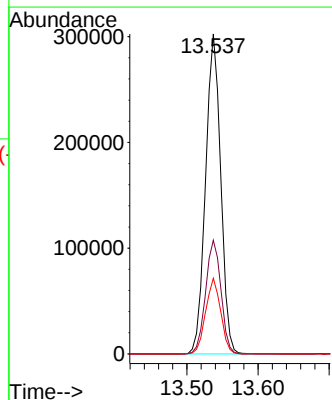
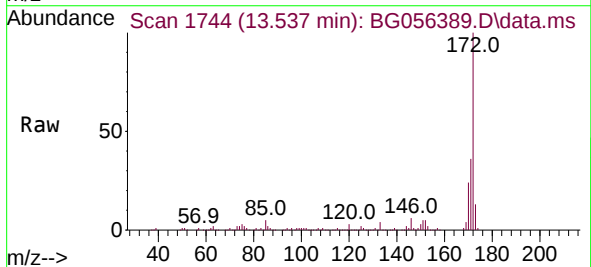
Instrument :  
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BORING-4

Tgt Ion:330 Resp: 107305  
Ion Ratio Lower Upper  
330 100  
332 99.9 77.3 115.9  
141 30.7 27.9 41.9



#45  
2-Fluorobiphenyl  
Concen: 56.140 ng  
RT: 13.537 min Scan# 1744  
Delta R.T. -0.010 min  
Lab File: BG056389.D  
Acq: 23 Jan 2023 18:28

Tgt Ion:172 Resp: 446447  
Ion Ratio Lower Upper  
172 100  
171 35.5 29.6 44.4  
170 23.6 19.4 29.2

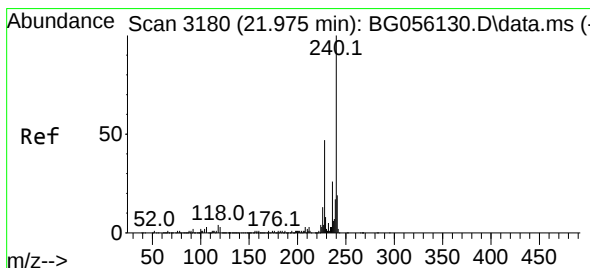
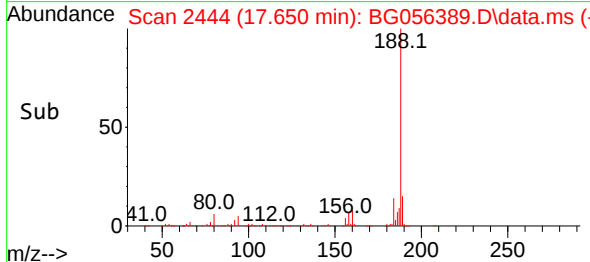
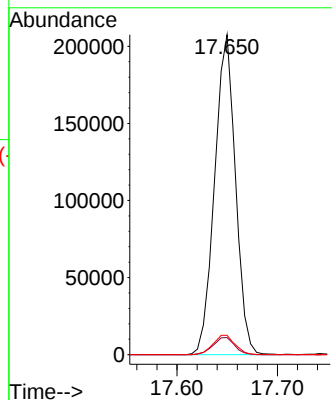
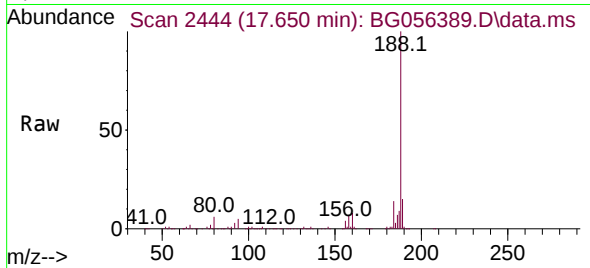




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.650 min Scan# 2444  
Delta R.T. -0.010 min  
Lab File: BG056389.D  
Acq: 23 Jan 2023 18:28

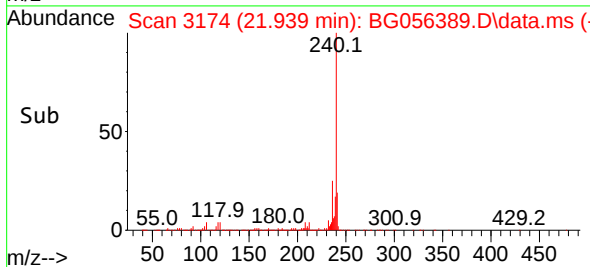
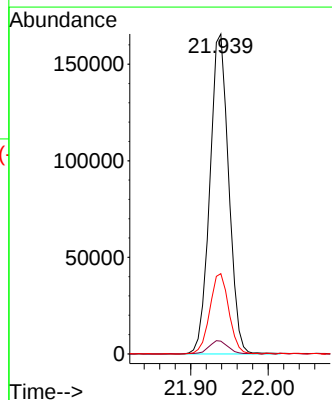
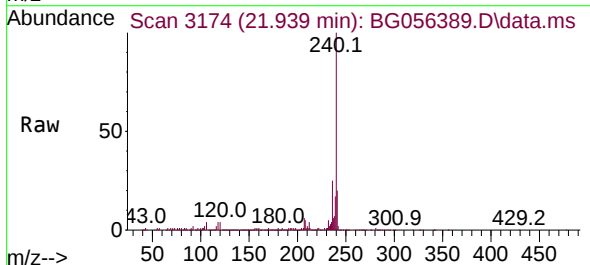
Instrument :  
BNA\_G  
ClientSampleId :  
BORING-4

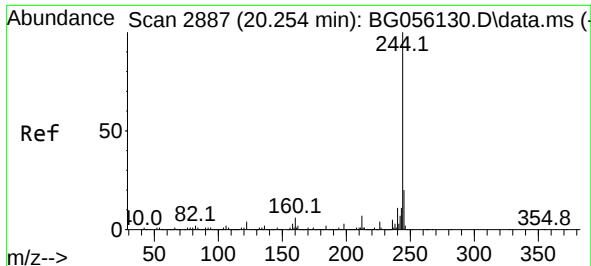
Tgt Ion:188 Resp: 299971  
Ion Ratio Lower Upper  
188 100  
94 5.4 4.2 6.2  
80 6.0 5.0 7.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.939 min Scan# 3174  
Delta R.T. -0.016 min  
Lab File: BG056389.D  
Acq: 23 Jan 2023 18:28

Tgt Ion:240 Resp: 278881  
Ion Ratio Lower Upper  
240 100  
120 4.0 2.6 4.0#  
236 25.1 20.8 31.2

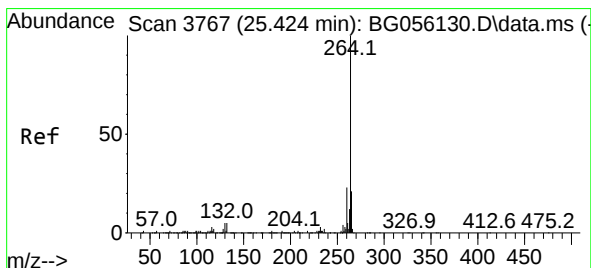
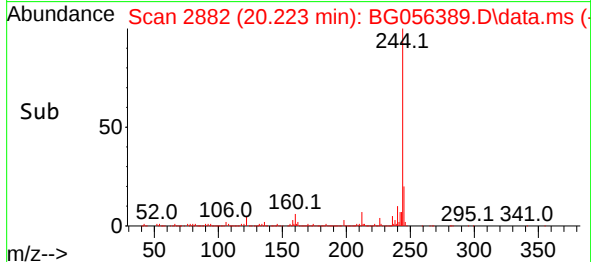
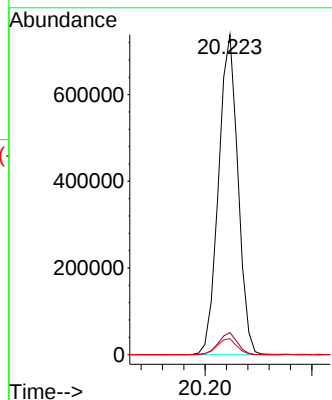
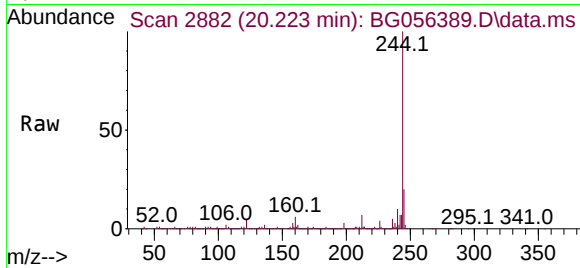




#79  
 Terphenyl-d14  
 Concen: 59.985 ng  
 RT: 20.223 min Scan# 2887  
 Delta R.T. -0.010 min  
 Lab File: BG056389.D  
 Acq: 23 Jan 2023 18:28

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BORING-4

|             |              |
|-------------|--------------|
| Tgt Ion:244 | Resp: 934021 |
| Ion Ratio   | Lower Upper  |
| 244         | 100          |
| 212         | 6.9 5.7 8.5  |
| 122         | 5.0 3.5 5.3  |



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.364 min Scan# 3757  
 Delta R.T. -0.027 min  
 Lab File: BG056389.D  
 Acq: 23 Jan 2023 18:28

|             |                |
|-------------|----------------|
| Tgt Ion:264 | Resp: 295603   |
| Ion Ratio   | Lower Upper    |
| 264         | 100            |
| 260         | 22.4 18.6 28.0 |
| 265         | 22.0 16.7 25.1 |

