

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG012023\  
 Data File : BG056366.D  
 Acq On : 20 Jan 2023 13:53  
 Operator : CG/JU  
 Sample : 01217-15  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BORING-2

Quant Time: Jan 22 23:59:16 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   | 8.302  | 152  | 38240    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.134 | 136  | 132221   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.918 | 164  | 101764   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.656 | 188  | 286008   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.951 | 240  | 291652   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 25.388 | 264  | 311009   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.829  | 112  | 273305   | 127.611 | ng    | 0.00     |
| 7) Phenol-d6                | 7.445  | 99   | 329232   | 100.100 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.478  | 82   | 213553   | 82.616  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.399 | 330  | 211080   | 163.777 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.543 | 172  | 668866   | 90.763  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.236 | 244  | 1628200  | 99.989  | ng    | 0.00     |

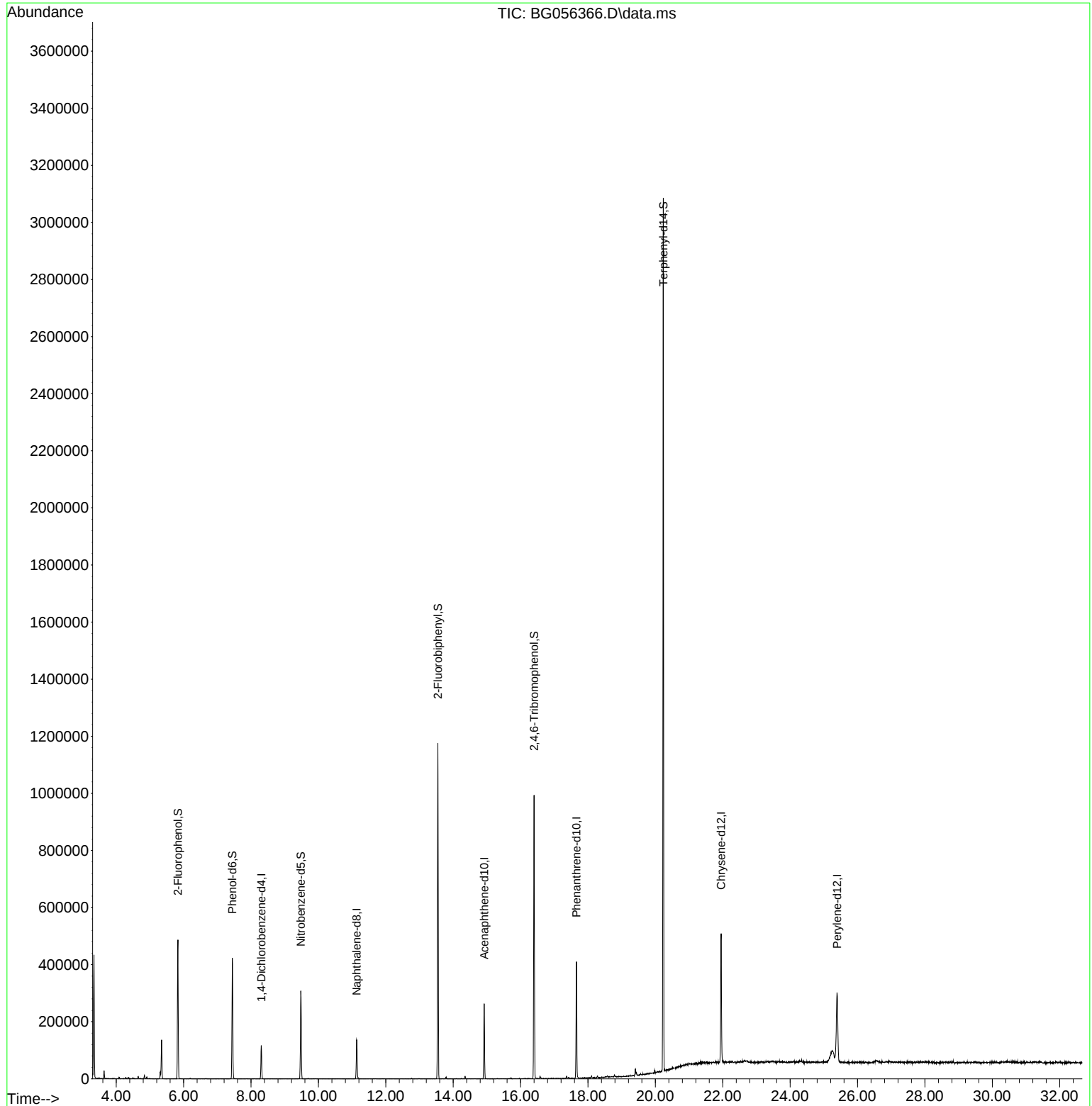
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|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

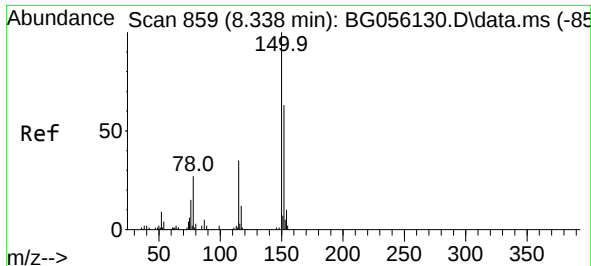
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG012023\  
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Sample : 01217-15  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
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BORING-2

Quant Time: Jan 22 23:59:16 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

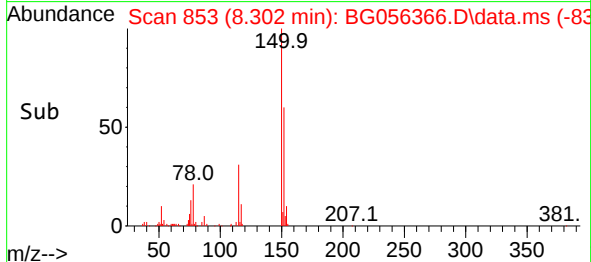
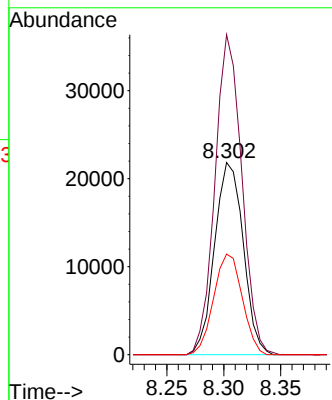
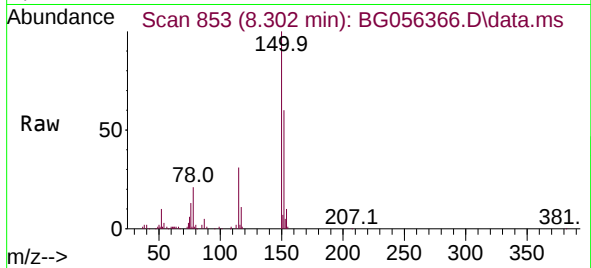




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.302 min Scan# 81  
Delta R.T. -0.004 min  
Lab File: BG056366.D  
Acq: 20 Jan 2023 13:53

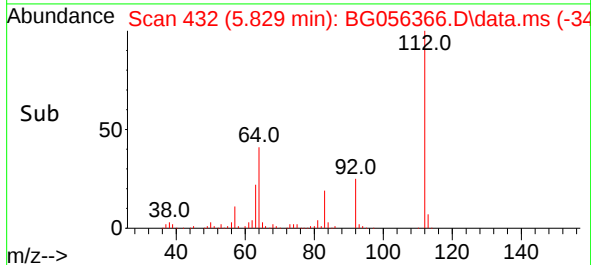
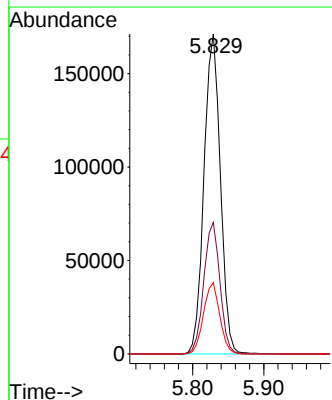
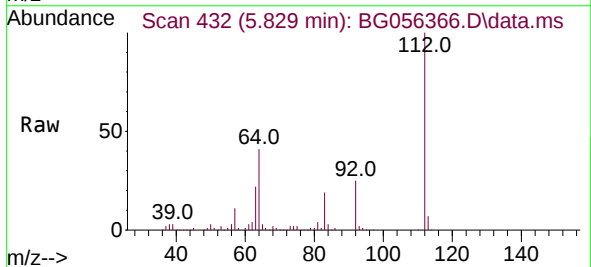
Instrument :  
BNA\_G  
ClientSampleId :  
BORING-2

Tgt Ion:152 Resp: 38240  
Ion Ratio Lower Upper  
152 100  
150 166.6 127.9 191.9  
115 52.4 44.2 66.2



#5  
2-Fluorophenol  
Concen: 127.611 ng  
RT: 5.829 min Scan# 432  
Delta R.T. 0.002 min  
Lab File: BG056366.D  
Acq: 20 Jan 2023 13:53

Tgt Ion:112 Resp: 273305  
Ion Ratio Lower Upper  
112 100  
64 41.1 33.3 49.9  
63 22.3 19.0 28.4

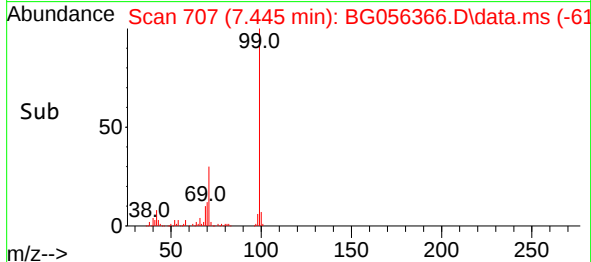
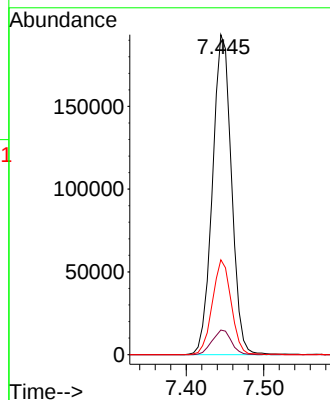
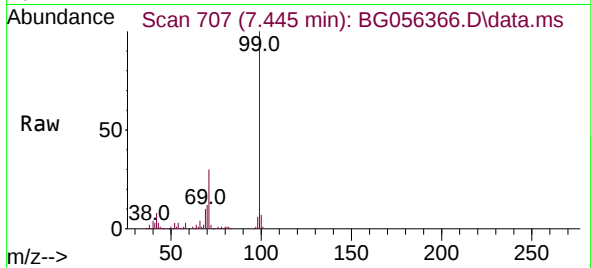




#7  
Phenol-d6  
Concen: 100.100 ng  
RT: 7.445 min Scan# 70  
Delta R.T. -0.003 min  
Lab File: BG056366.D  
Acq: 20 Jan 2023 13:53

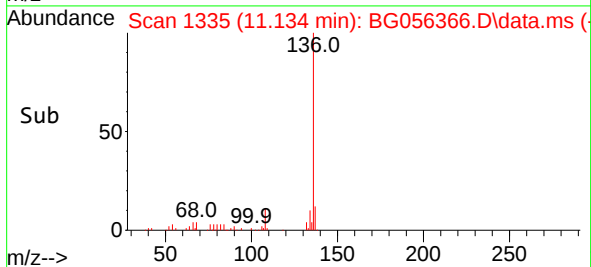
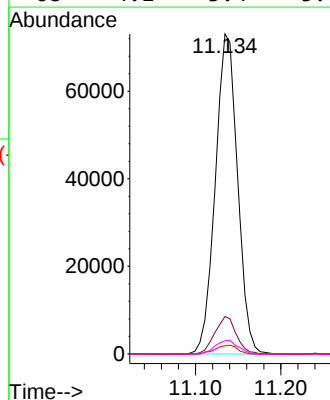
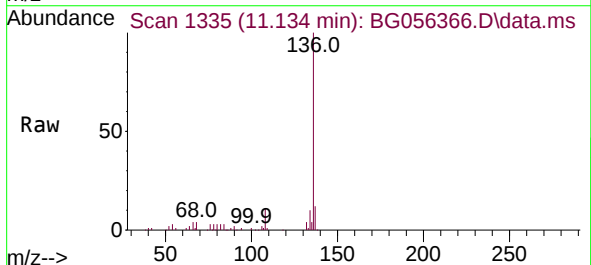
Instrument :  
BNA\_G  
ClientSampleId :  
BORING-2

Tgt Ion: 99 Resp: 329232  
Ion Ratio Lower Upper  
99 100  
42 7.7 5.9 8.9  
71 29.6 25.4 38.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.134 min Scan# 1335  
Delta R.T. -0.003 min  
Lab File: BG056366.D  
Acq: 20 Jan 2023 13:53

Tgt Ion: 136 Resp: 132221  
Ion Ratio Lower Upper  
136 100  
137 11.7 9.4 14.0  
54 2.5 2.2 3.2  
68 4.1 3.4 5.0

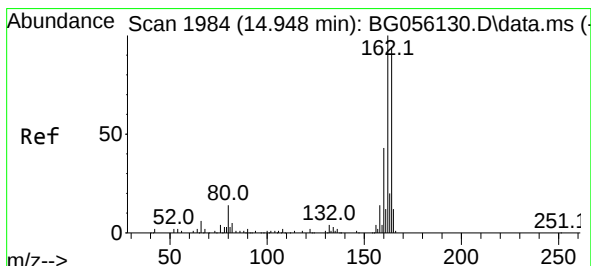
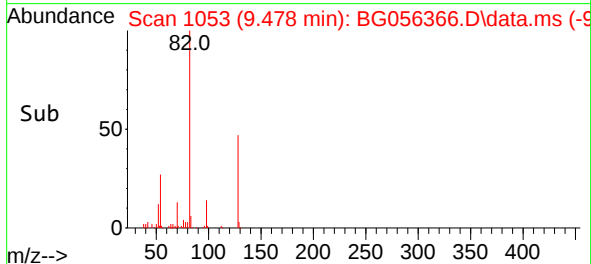
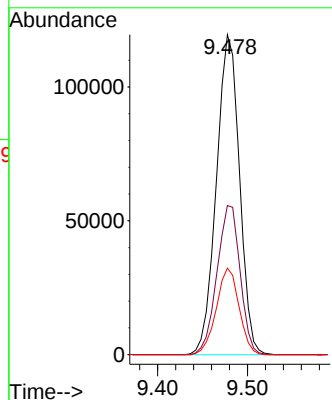
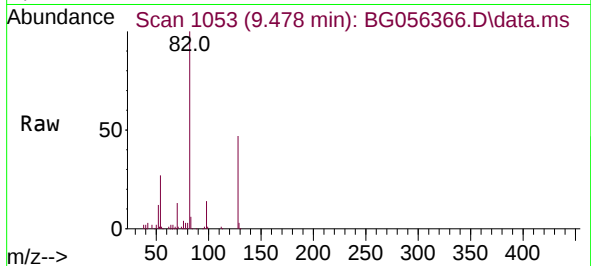




#23  
Nitrobenzene-d5  
Concen: 82.616 ng  
RT: 9.478 min Scan# 1053  
Delta R.T. -0.009 min  
Lab File: BG056366.D  
Acq: 20 Jan 2023 13:53

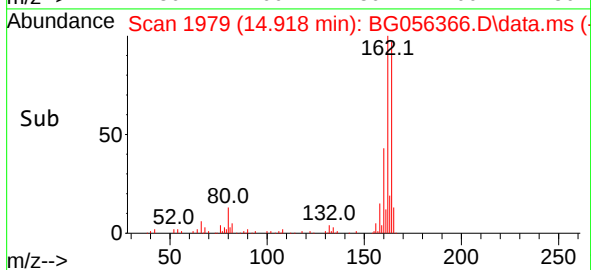
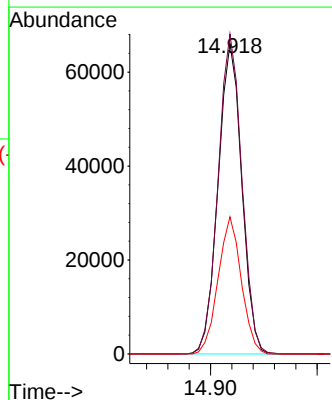
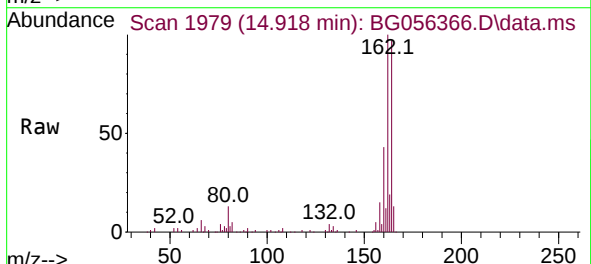
Instrument :  
BNA\_G  
ClientSampleId :  
BORING-2

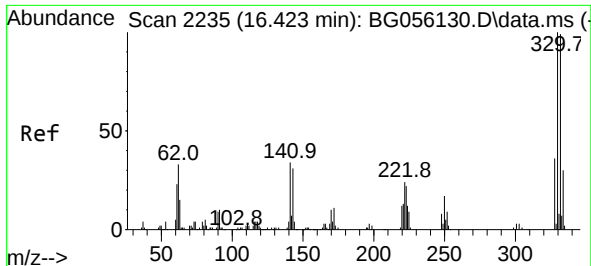
Tgt Ion: 82 Resp: 213553  
Ion Ratio Lower Upper  
82 100  
128 46.6 33.4 50.2  
54 27.0 20.3 30.5



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.918 min Scan# 1979  
Delta R.T. -0.003 min  
Lab File: BG056366.D  
Acq: 20 Jan 2023 13:53

Tgt Ion: 164 Resp: 101764  
Ion Ratio Lower Upper  
164 100  
162 103.1 84.7 127.1  
160 44.2 36.3 54.5

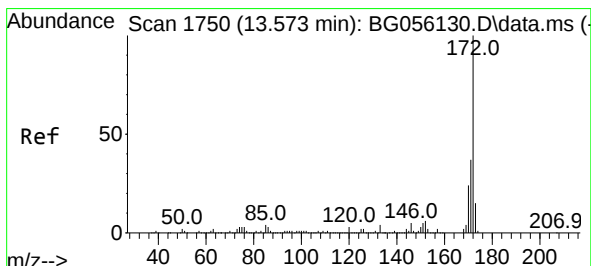
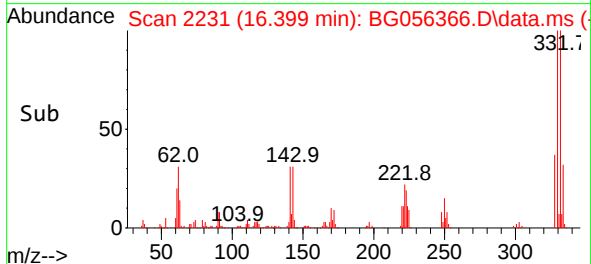
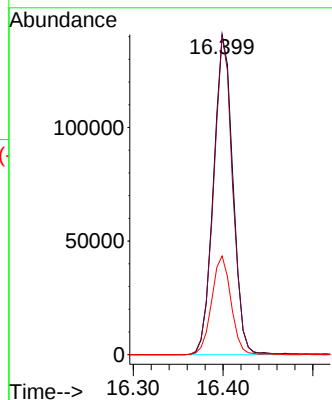
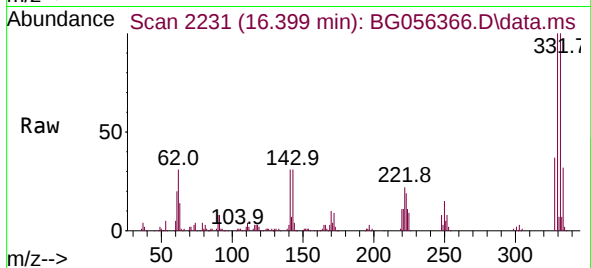




#42  
2,4,6-Tribromophenol  
Concen: 163.777 ng  
RT: 16.399 min Scan# 211  
Delta R.T. -0.003 min  
Lab File: BG056366.D  
Acq: 20 Jan 2023 13:53

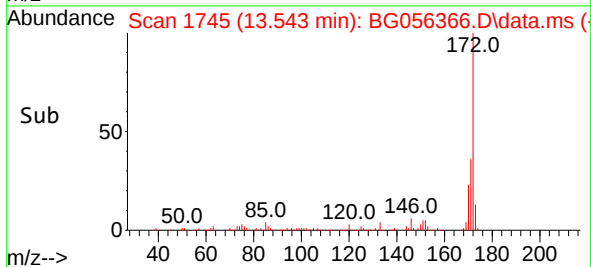
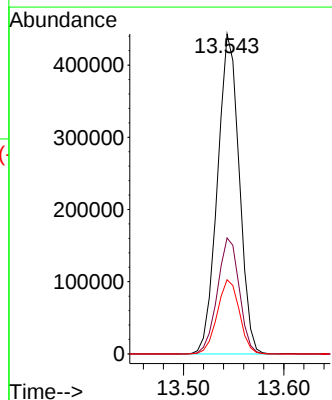
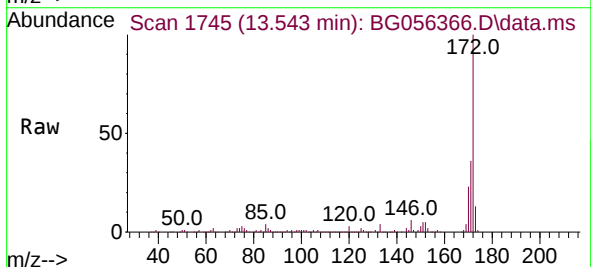
Instrument :  
BNA\_G  
ClientSampleId :  
BORING-2

Tgt Ion:330 Resp: 211080  
Ion Ratio Lower Upper  
330 100  
332 97.7 77.3 115.9  
141 30.8 27.9 41.9



#45  
2-Fluorobiphenyl  
Concen: 90.763 ng  
RT: 13.543 min Scan# 1745  
Delta R.T. -0.003 min  
Lab File: BG056366.D  
Acq: 20 Jan 2023 13:53

Tgt Ion:172 Resp: 668866  
Ion Ratio Lower Upper  
172 100  
171 36.2 29.6 44.4  
170 23.2 19.4 29.2

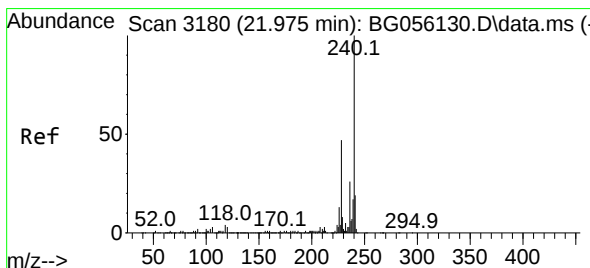
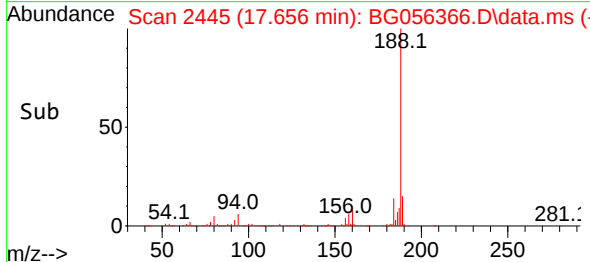
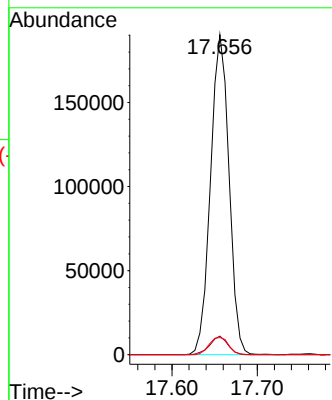
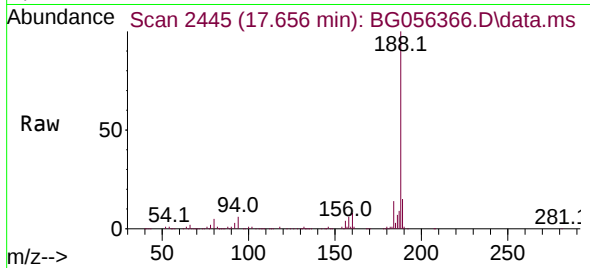




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.656 min Scan# 2445  
Delta R.T. -0.003 min  
Lab File: BG056366.D  
Acq: 20 Jan 2023 13:53

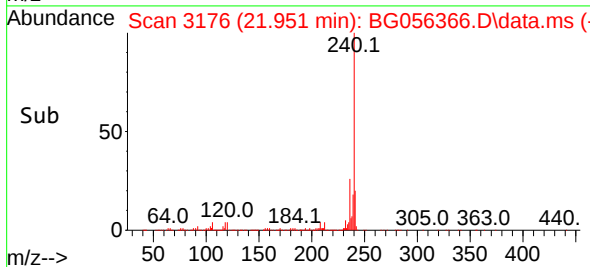
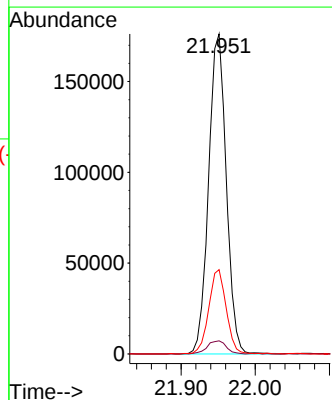
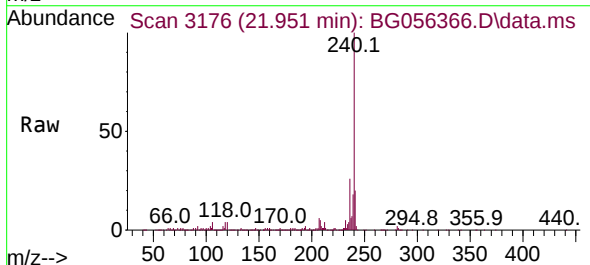
Instrument :  
BNA\_G  
ClientSampleId :  
BORING-2

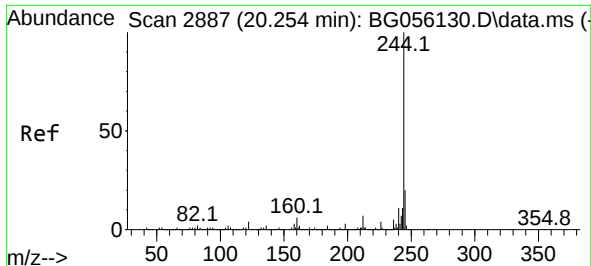
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|-------------|-------|---------|
| Tgt Ion:188 | Resp: | 286008  |
| Ion Ratio   | Lower | Upper   |
| 188         | 100   |         |
| 94          | 5.8   | 4.2 6.2 |
| 80          | 5.3   | 5.0 7.4 |



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.951 min Scan# 3176  
Delta R.T. -0.003 min  
Lab File: BG056366.D  
Acq: 20 Jan 2023 13:53

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:240 | Resp: | 291652    |
| Ion Ratio   | Lower | Upper     |
| 240         | 100   |           |
| 120         | 4.1   | 2.6 4.0#  |
| 236         | 26.3  | 20.8 31.2 |

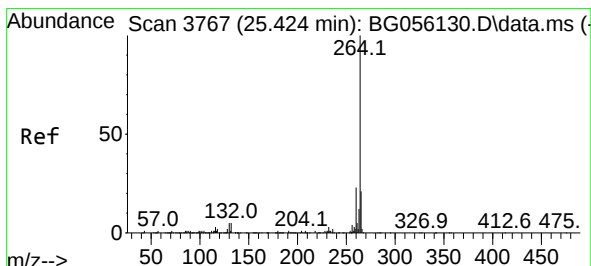
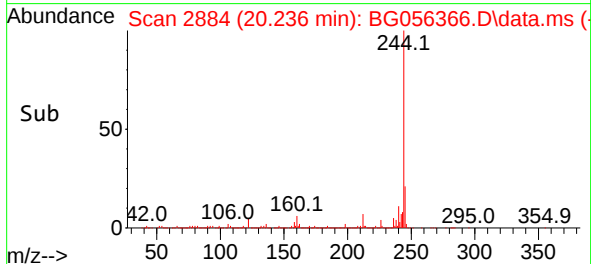
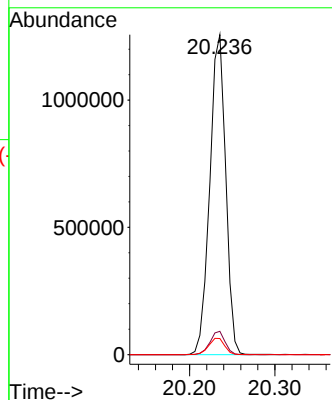
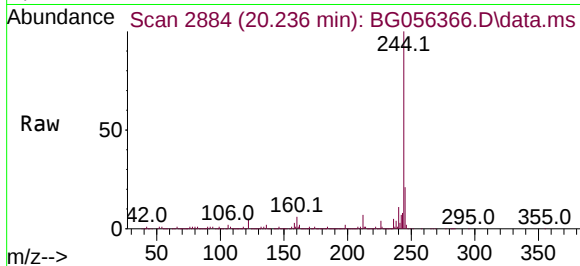




#79  
 Terphenyl-d14  
 Concen: 99.989 ng  
 RT: 20.236 min Scan# 2884  
 Delta R.T. 0.002 min  
 Lab File: BG056366.D  
 Acq: 20 Jan 2023 13:53

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BORING-2

Tgt Ion:244 Resp: 1628200  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 5.7 8.5  
 122 5.0 3.5 5.3



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.388 min Scan# 3761  
 Delta R.T. -0.003 min  
 Lab File: BG056366.D  
 Acq: 20 Jan 2023 13:53

Tgt Ion:264 Resp: 311009  
 Ion Ratio Lower Upper  
 264 100  
 260 24.7 18.6 28.0  
 265 23.3 16.7 25.1

