

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG012323\  
 Data File : BG056386.D  
 Acq On : 23 Jan 2023 16:24  
 Operator : CG/JU  
 Sample : 01251-02  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 COMP-1

Quant Time: Jan 24 01:22:22 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

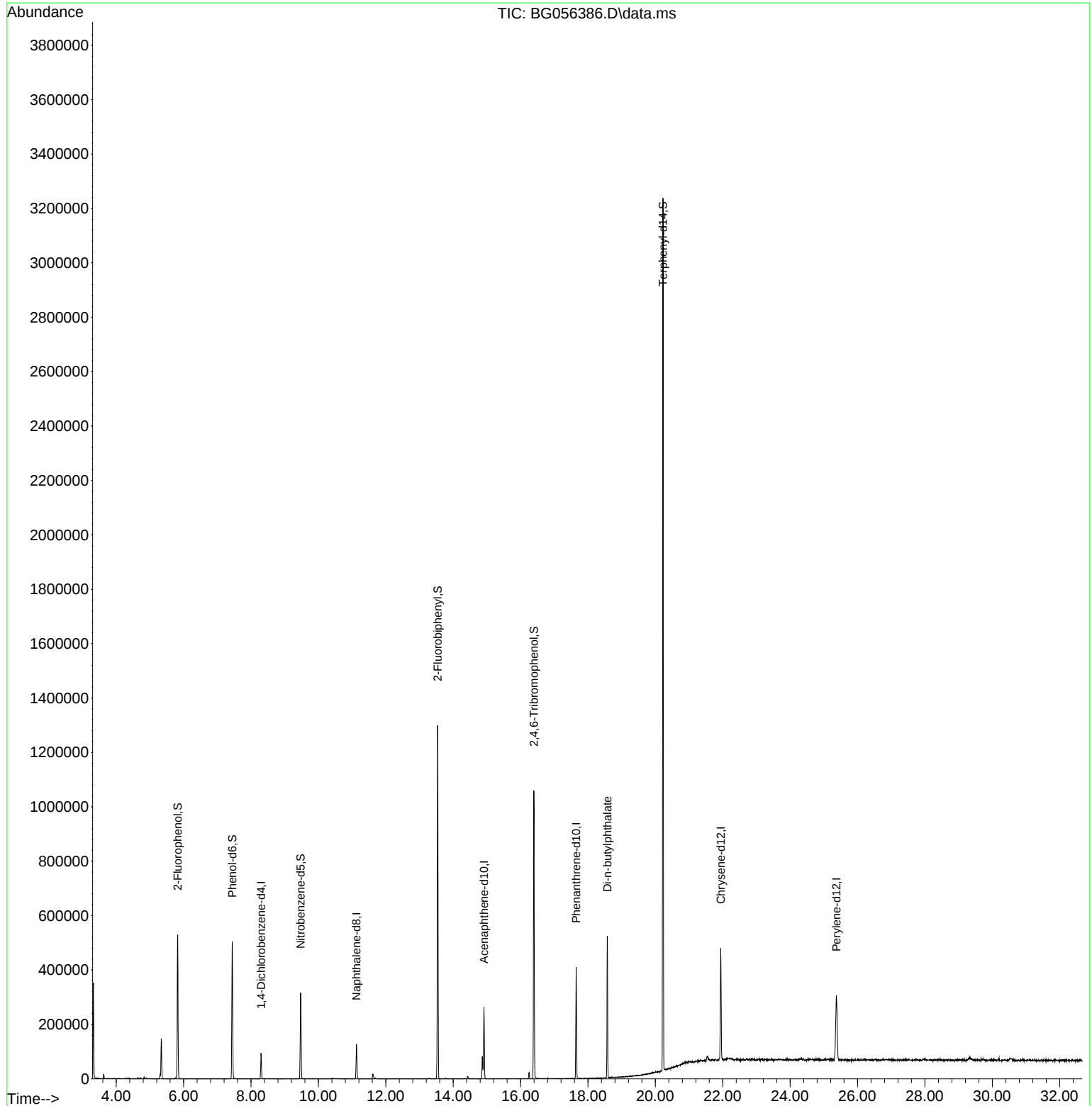
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min)  |
|-----------------------------|--------|------|----------|---------|-------|-----------|
| -----                       |        |      |          |         |       |           |
| Internal Standards          |        |      |          |         |       |           |
| 1) 1,4-Dichlorobenzene-d4   | 8.297  | 152  | 30154    | 20.000  | ng    | 0.00      |
| 21) Naphthalene-d8          | 11.129 | 136  | 117989   | 20.000  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 14.913 | 164  | 95411    | 20.000  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 17.651 | 188  | 281099   | 20.000  | ng    | 0.00      |
| 76) Chrysene-d12            | 21.940 | 240  | 271473   | 20.000  | ng    | #-0.01    |
| 86) Perylene-d12            | 25.371 | 264  | 291257   | 20.000  | ng    | -0.02     |
| System Monitoring Compounds |        |      |          |         |       |           |
| 5) 2-Fluorophenol           | 5.823  | 112  | 296941   | 175.826 | ng    | 0.00      |
| 7) Phenol-d6                | 7.445  | 99   | 401214   | 154.696 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 9.472  | 82   | 228233   | 98.945  | ng    | -0.01     |
| 42) 2,4,6-Tribromophenol    | 16.393 | 330  | 235795   | 195.136 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 13.538 | 172  | 732525   | 106.019 | ng    | 0.00      |
| 79) Terphenyl-d14           | 20.224 | 244  | 1705579  | 112.526 | ng    | 0.00      |
| Target Compounds            |        |      |          |         |       |           |
| 74) Di-n-butylphthalate     | 18.573 | 149  | 405275   | 32.186  | ng    | Qvalue 99 |
| -----                       |        |      |          |         |       |           |

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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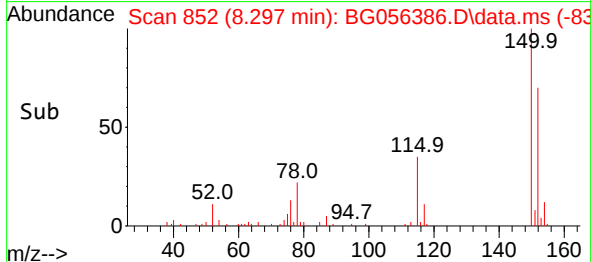
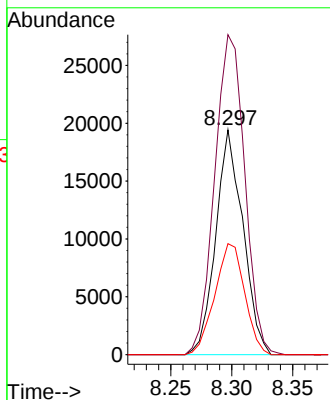
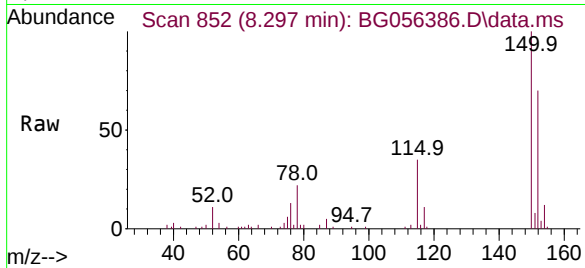




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.297 min Scan# 81  
Delta R.T. -0.009 min  
Lab File: BG056386.D  
Acq: 23 Jan 2023 16:24

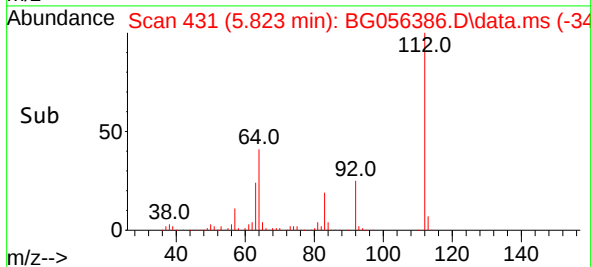
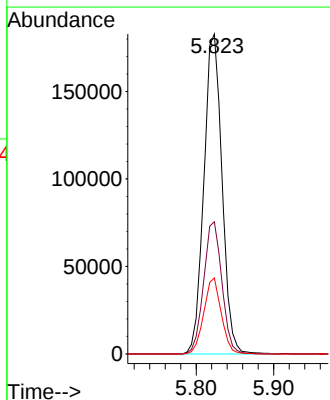
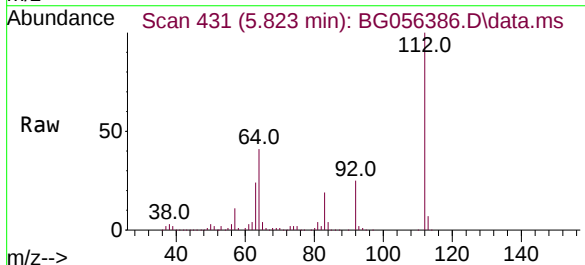
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-1

Tgt Ion:152 Resp: 30154  
Ion Ratio Lower Upper  
152 100  
150 142.4 127.9 191.9  
115 49.4 44.2 66.2



#5  
2-Fluorophenol  
Concen: 175.826 ng  
RT: 5.823 min Scan# 431  
Delta R.T. -0.003 min  
Lab File: BG056386.D  
Acq: 23 Jan 2023 16:24

Tgt Ion:112 Resp: 296941  
Ion Ratio Lower Upper  
112 100  
64 41.3 33.3 49.9  
63 23.7 19.0 28.4

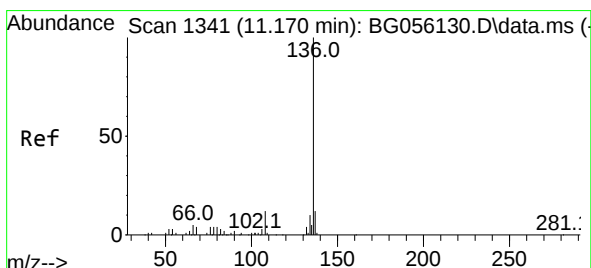
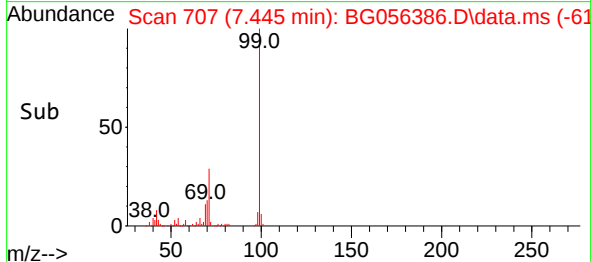
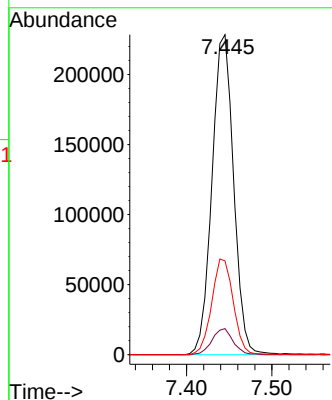
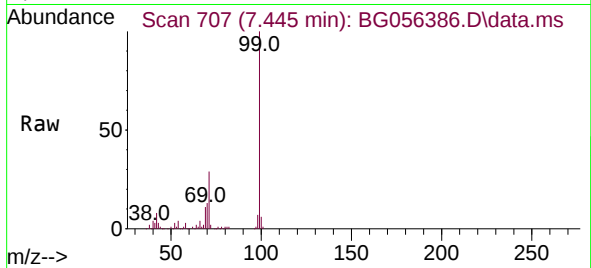




#7  
Phenol-d6  
Concen: 154.696 ng  
RT: 7.445 min Scan# 70  
Delta R.T. -0.003 min  
Lab File: BG056386.D  
Acq: 23 Jan 2023 16:24

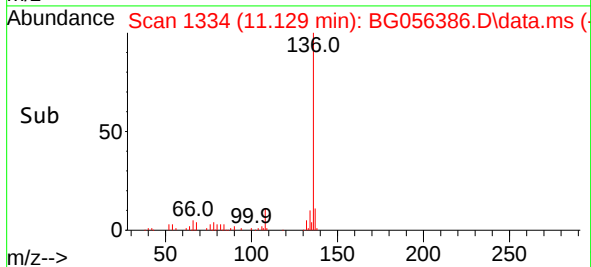
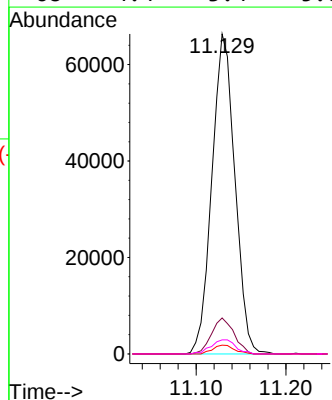
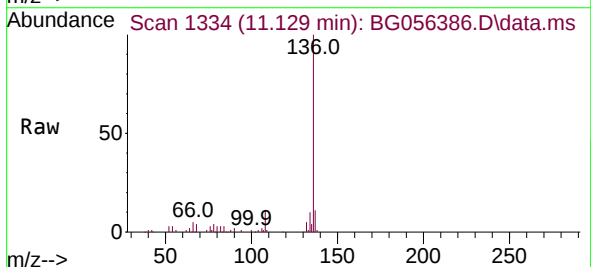
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-1

Tgt Ion: 99 Resp: 401214  
Ion Ratio Lower Upper  
99 100  
42 8.1 5.9 8.9  
71 29.3 25.4 38.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.129 min Scan# 1334  
Delta R.T. -0.009 min  
Lab File: BG056386.D  
Acq: 23 Jan 2023 16:24

Tgt Ion: 136 Resp: 117989  
Ion Ratio Lower Upper  
136 100  
137 11.2 9.4 14.0  
54 2.7 2.2 3.2  
68 4.4 3.4 5.0





#23

Nitrobenzene-d5

Concen: 98.945 ng

RT: 9.472 min Scan# 1052

Delta R.T. -0.015 min

Lab File: BG056386.D

Acq: 23 Jan 2023 16:24

Instrument :

BNA\_G

ClientSampleId :

COMP-1

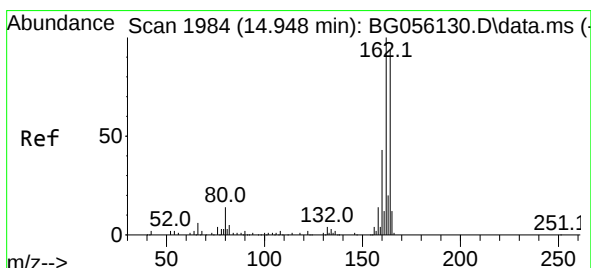
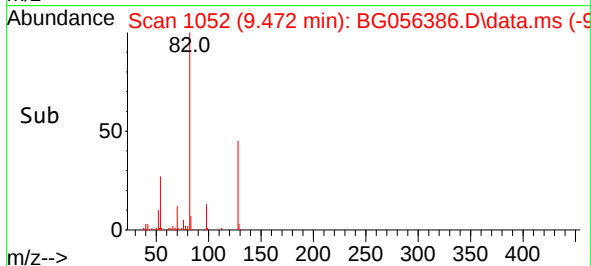
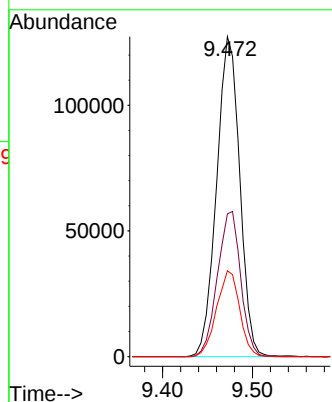
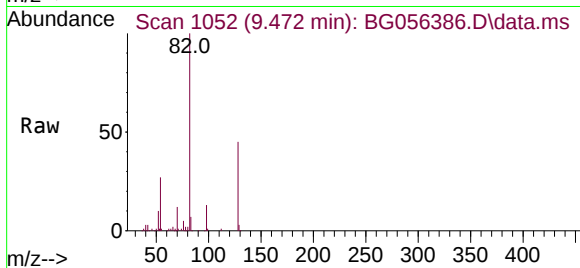
Tgt Ion: 82 Resp: 228233

Ion Ratio Lower Upper

82 100

128 44.6 33.4 50.2

54 26.8 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.913 min Scan# 1978

Delta R.T. -0.009 min

Lab File: BG056386.D

Acq: 23 Jan 2023 16:24

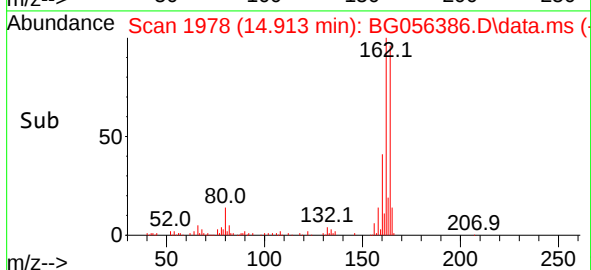
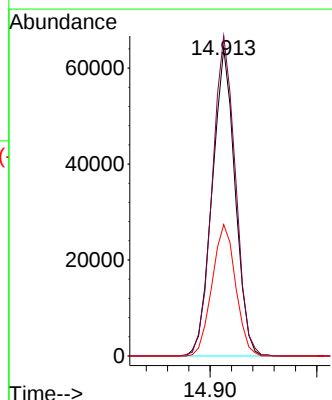
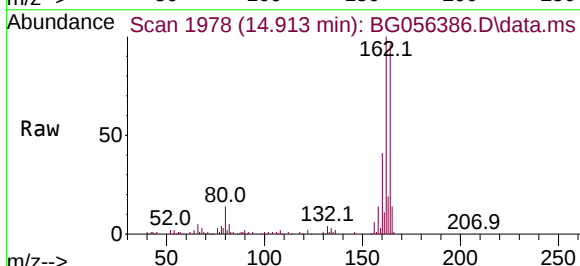
Tgt Ion: 164 Resp: 95411

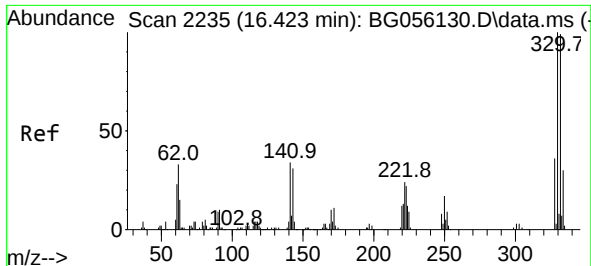
Ion Ratio Lower Upper

164 100

162 104.0 84.7 127.1

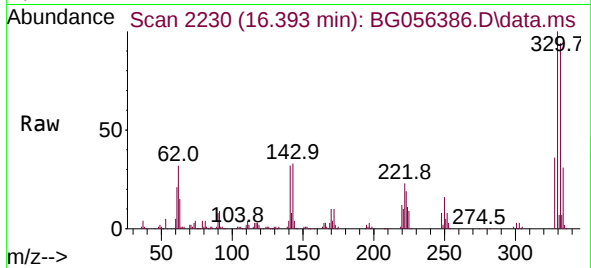
160 42.7 36.3 54.5



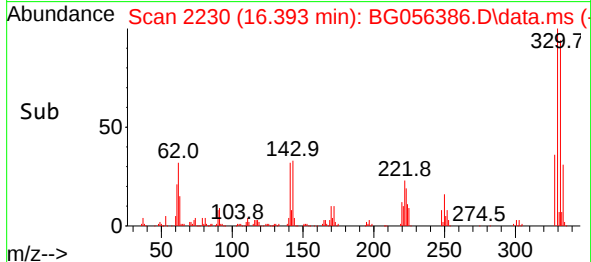
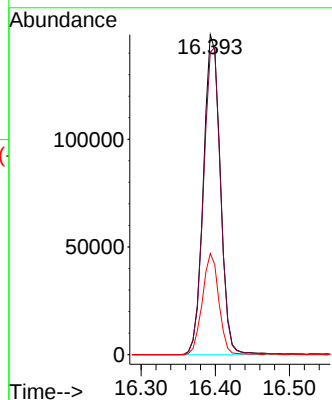


#42  
 2,4,6-Tribromophenol  
 Concen: 195.136 ng  
 RT: 16.393 min Scan# 21  
 Delta R.T. -0.009 min  
 Lab File: BG056386.D  
 Acq: 23 Jan 2023 16:24

Instrument :  
 BNA\_G  
 ClientSampleId :  
 COMP-1

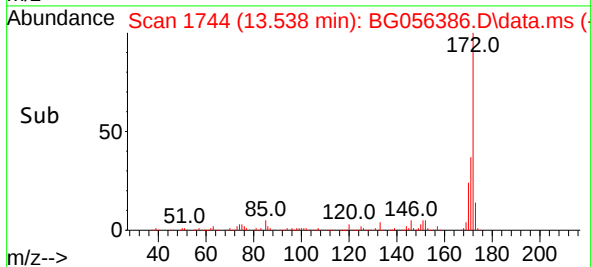
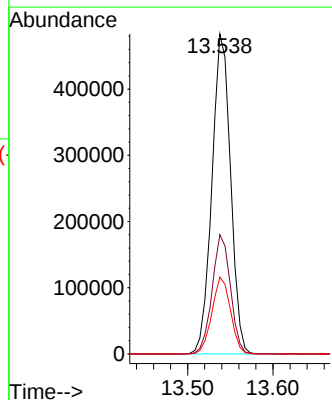
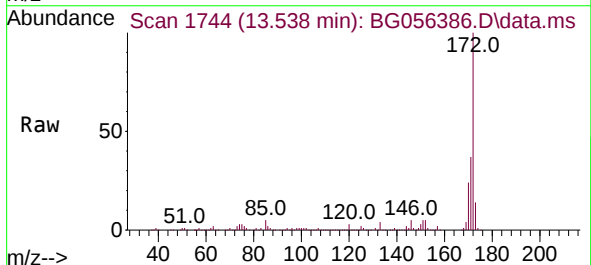


Tgt Ion:330 Resp: 235795  
 Ion Ratio Lower Upper  
 330 100  
 332 97.0 77.3 115.9  
 141 30.6 27.9 41.9



#45  
 2-Fluorobiphenyl  
 Concen: 106.019 ng  
 RT: 13.538 min Scan# 1744  
 Delta R.T. -0.009 min  
 Lab File: BG056386.D  
 Acq: 23 Jan 2023 16:24

Tgt Ion:172 Resp: 732525  
 Ion Ratio Lower Upper  
 172 100  
 171 37.2 29.6 44.4  
 170 24.0 19.4 29.2

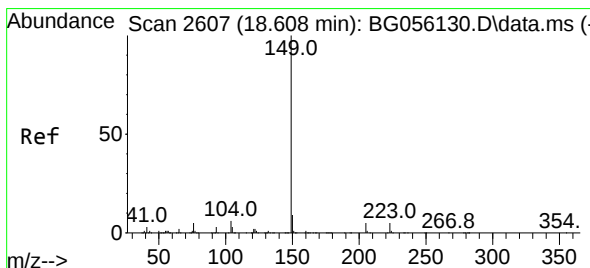
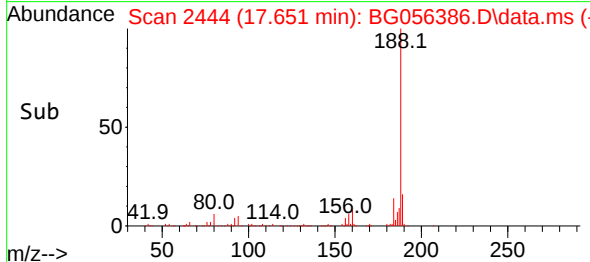
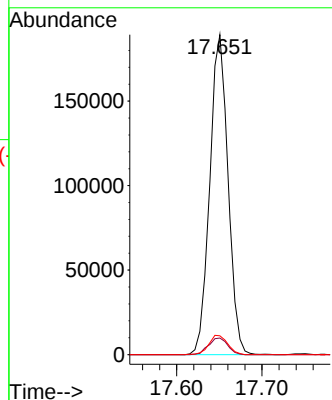
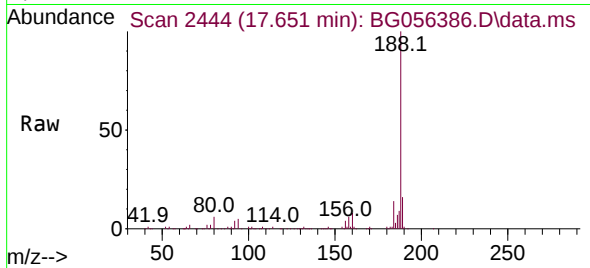




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.651 min Scan# 2449  
Delta R.T. -0.009 min  
Lab File: BG056386.D  
Acq: 23 Jan 2023 16:24

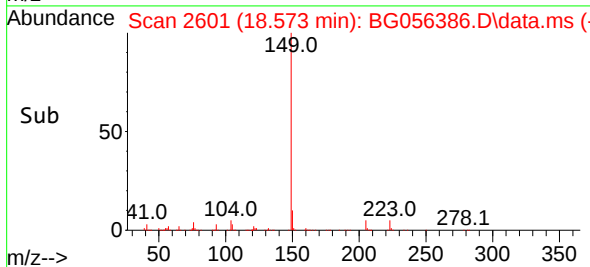
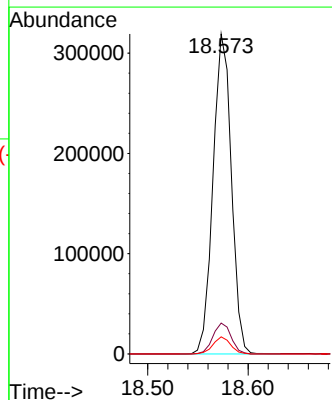
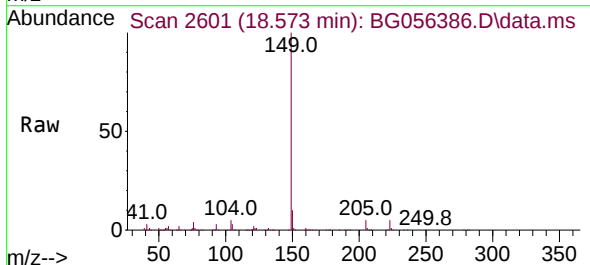
Instrument :  
BNA\_G  
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COMP-1

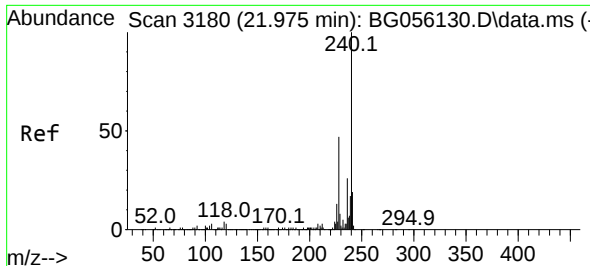
Tgt Ion:188 Resp: 281099  
Ion Ratio Lower Upper  
188 100  
94 5.2 4.2 6.2  
80 5.9 5.0 7.4



#74  
Di-n-butylphthalate  
Concen: 32.186 ng  
RT: 18.573 min Scan# 2601  
Delta R.T. -0.009 min  
Lab File: BG056386.D  
Acq: 23 Jan 2023 16:24

Tgt Ion:149 Resp: 405275  
Ion Ratio Lower Upper  
149 100  
150 9.6 7.4 11.2  
104 5.4 4.4 6.6

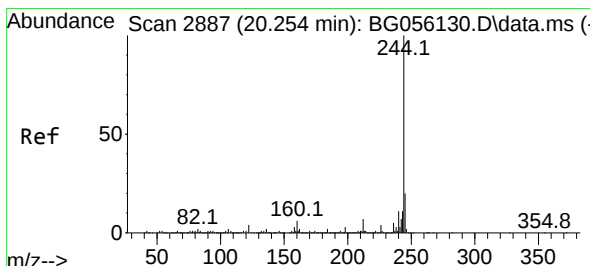
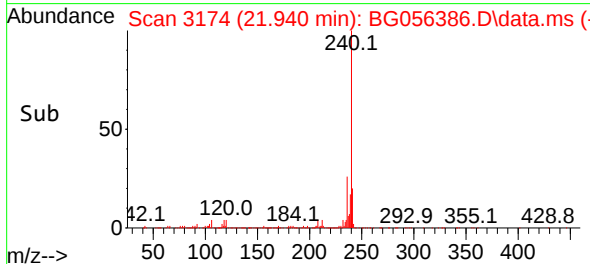
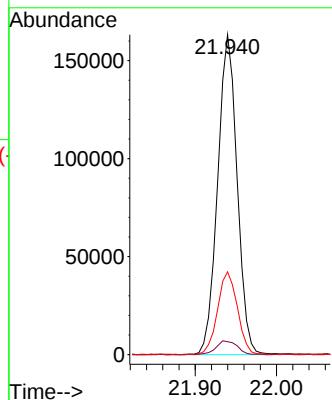
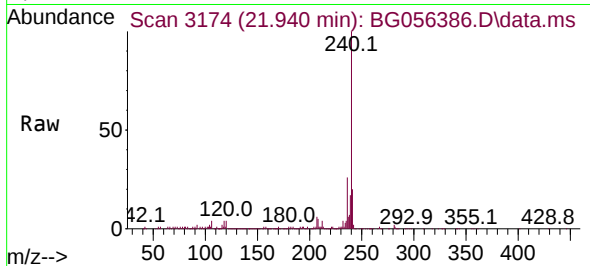




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.940 min Scan# 3180  
Delta R.T. -0.015 min  
Lab File: BG056386.D  
Acq: 23 Jan 2023 16:24

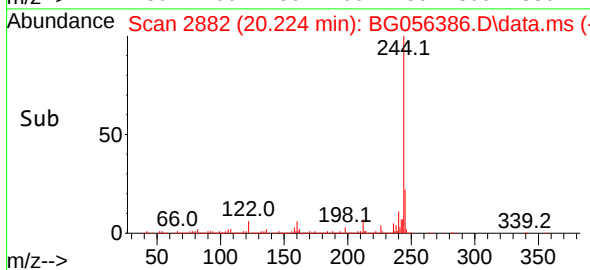
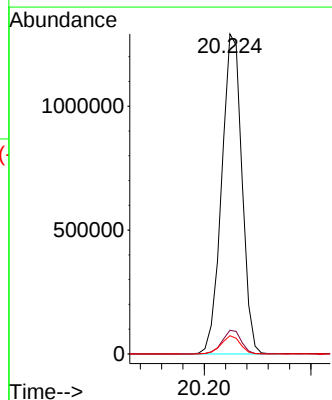
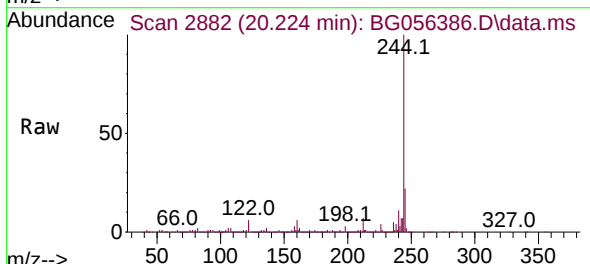
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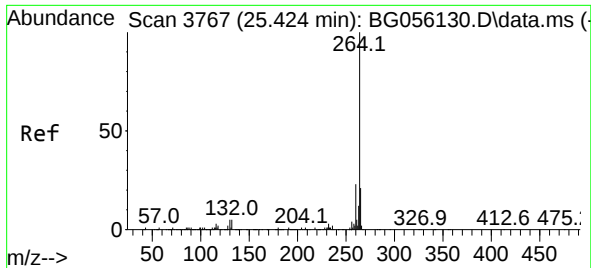
Tgt Ion:240 Resp: 271473  
Ion Ratio Lower Upper  
240 100  
120 4.0 2.6 4.0#  
236 25.9 20.8 31.2



#79  
Terphenyl-d14  
Concen: 112.526 ng  
RT: 20.224 min Scan# 2882  
Delta R.T. -0.009 min  
Lab File: BG056386.D  
Acq: 23 Jan 2023 16:24

Tgt Ion:244 Resp: 1705579  
Ion Ratio Lower Upper  
244 100  
212 7.4 5.7 8.5  
122 5.7 3.5 5.3#





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.371 min Scan# 31  
Delta R.T. -0.021 min  
Lab File: BG056386.D  
Acq: 23 Jan 2023 16:24

Instrument :  
BNA\_G  
ClientSampleId :  
COMP-1

Tgt Ion:264 Resp: 291257  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 25.0  | 18.6  | 28.0  |
| 265 | 23.7  | 16.7  | 25.1  |

