

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG011223\  
 Data File : BG056269.D  
 Acq On : 12 Jan 2023 15:14  
 Operator : CG/JU  
 Sample : 01106-02  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MH-3

Quant Time: Jan 13 04:26:39 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 12 03:38:40 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.313  | 152  | 45359    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.151 | 136  | 170602   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.929 | 164  | 142150   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.661 | 188  | 385751   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.956 | 240  | 376712   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 25.399 | 264  | 407651   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.834  | 112  | 333068   | 131.108 | ng    | 0.00     |
| 7) Phenol-d6                | 7.450  | 99   | 427478   | 109.572 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.488  | 82   | 280292   | 84.040  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.410 | 330  | 254807   | 141.535 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.554 | 172  | 902811   | 87.702  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.241 | 244  | 1931396  | 91.827  | ng    | 0.00     |

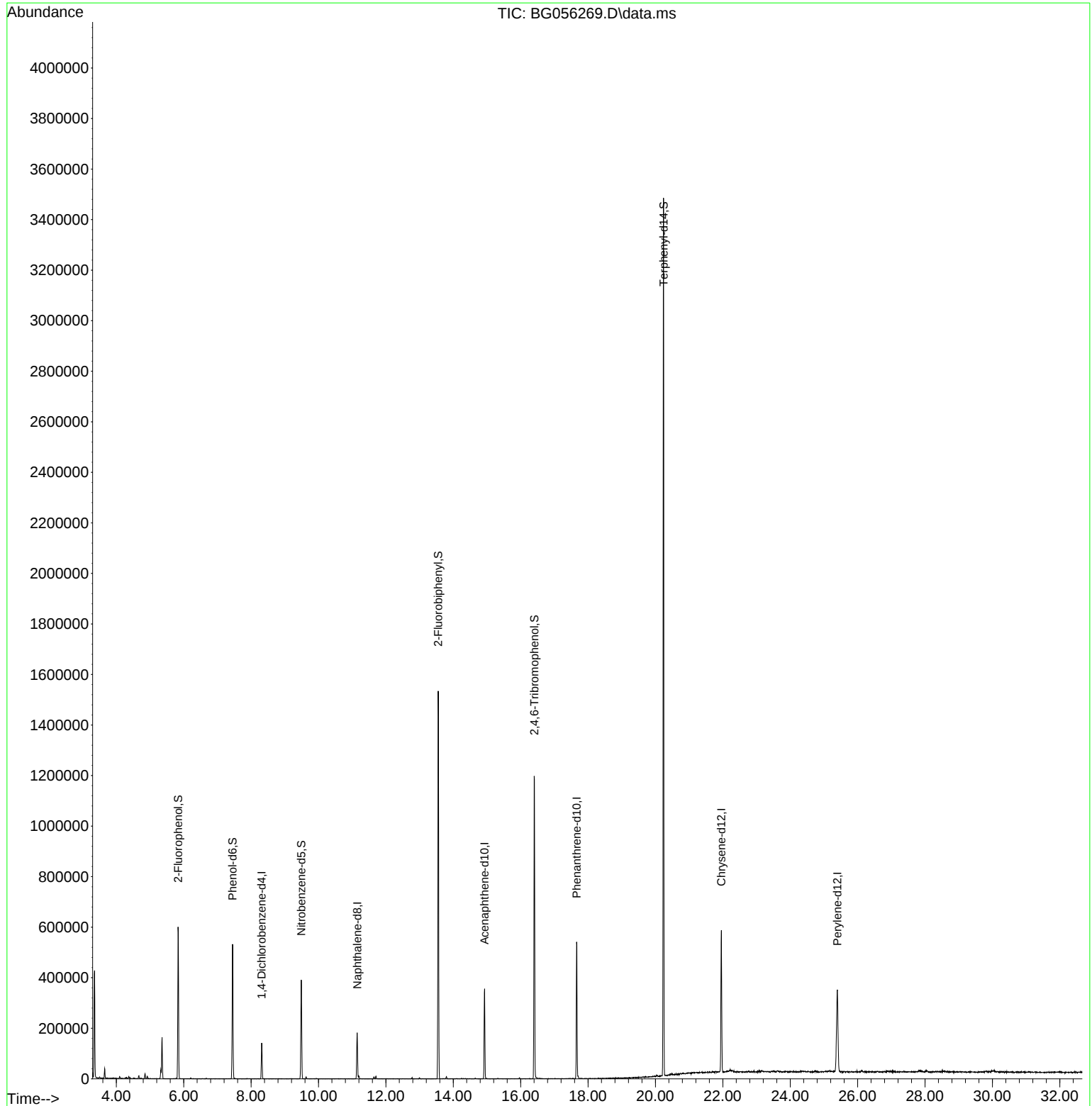
Target Compounds Qvalue

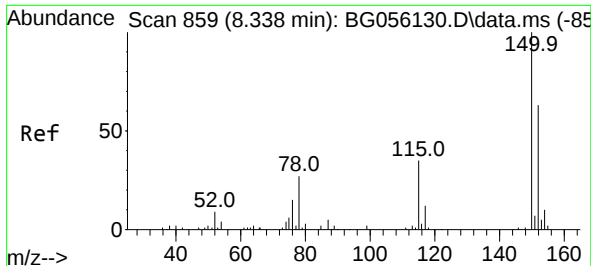
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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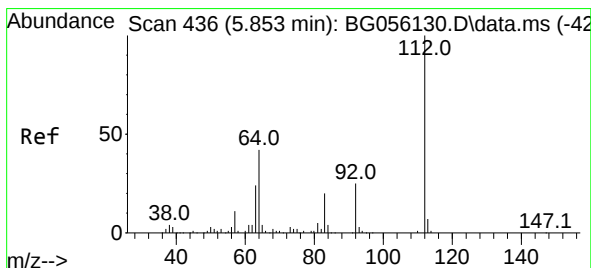
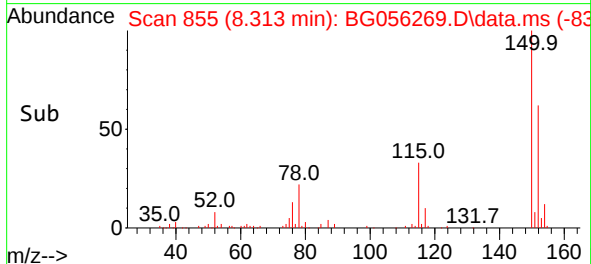
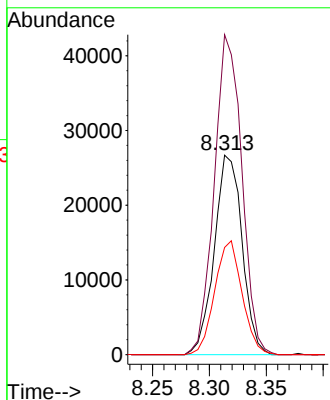
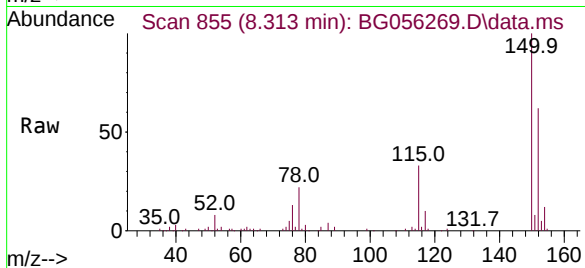




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.313 min Scan# 81  
Delta R.T. -0.004 min  
Lab File: BG056269.D  
Acq: 12 Jan 2023 15:14

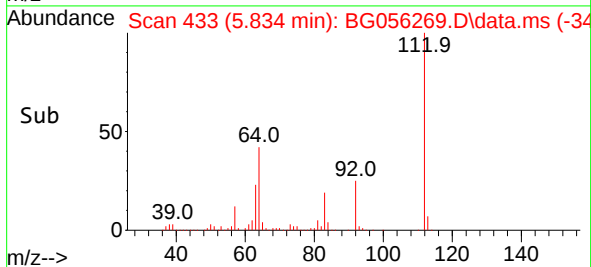
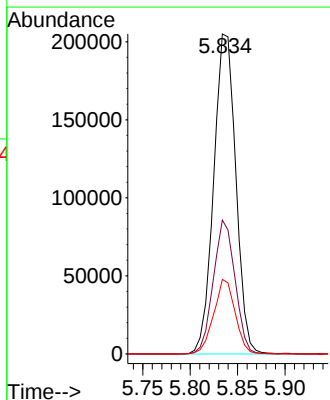
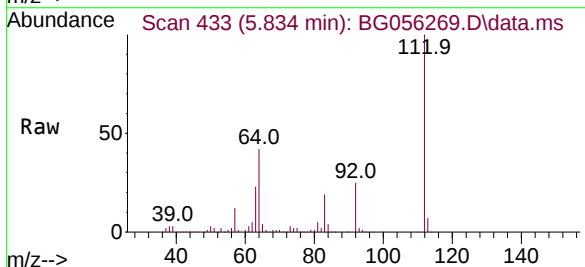
Instrument :  
BNA\_G  
ClientSampleId :  
MH-3

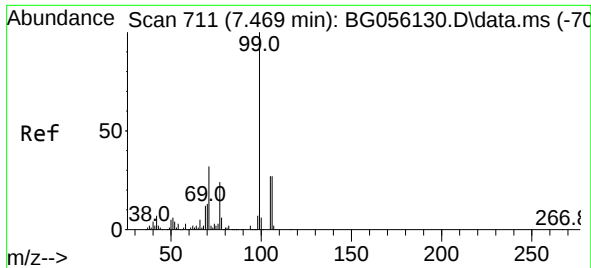
Tgt Ion:152 Resp: 45359  
Ion Ratio Lower Upper  
152 100  
150 160.5 127.9 191.9  
115 53.7 44.2 66.2



#5  
2-Fluorophenol  
Concen: 131.108 ng  
RT: 5.834 min Scan# 433  
Delta R.T. 0.008 min  
Lab File: BG056269.D  
Acq: 12 Jan 2023 15:14

Tgt Ion:112 Resp: 333068  
Ion Ratio Lower Upper  
112 100  
64 41.8 33.3 49.9  
63 23.3 19.0 28.4

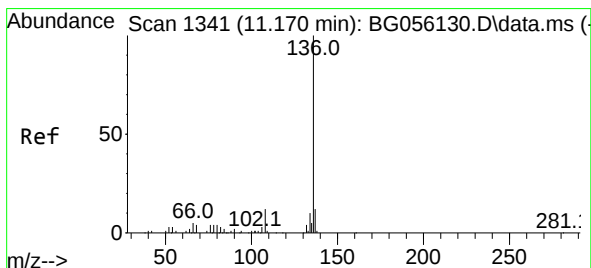
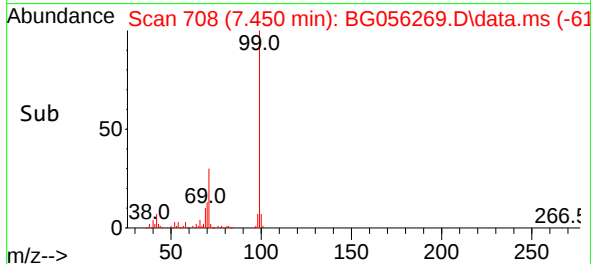
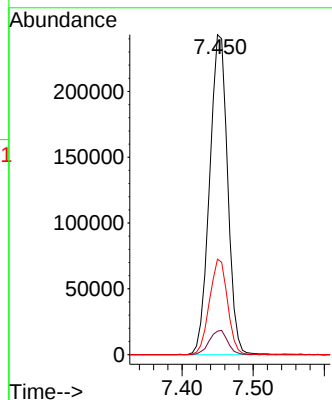
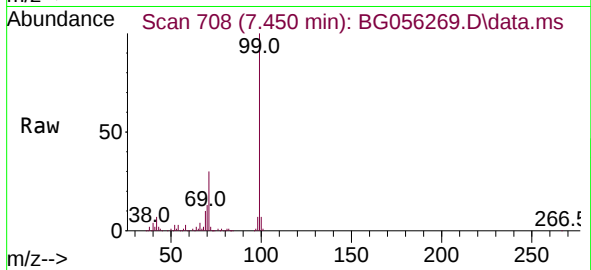




#7  
Phenol-d6  
Concen: 109.572 ng  
RT: 7.450 min Scan# 70  
Delta R.T. 0.003 min  
Lab File: BG056269.D  
Acq: 12 Jan 2023 15:14

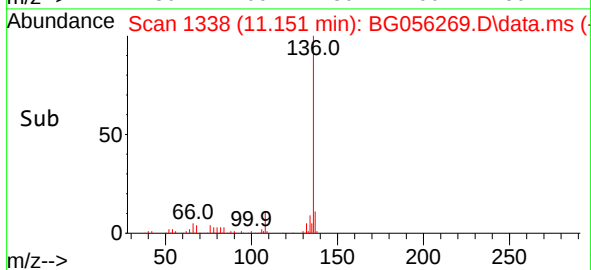
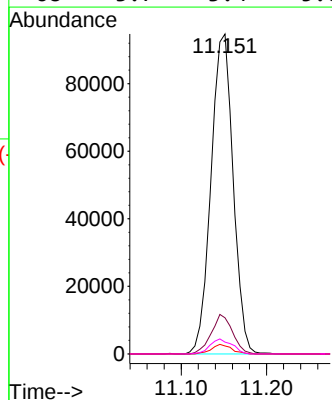
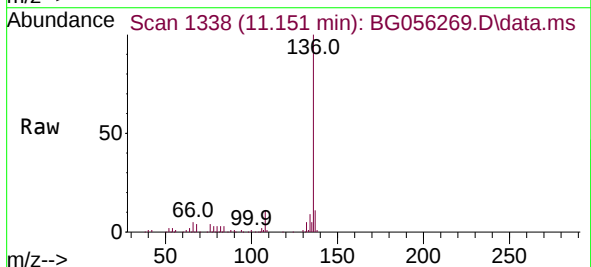
Instrument :  
BNA\_G  
ClientSampleId :  
MH-3

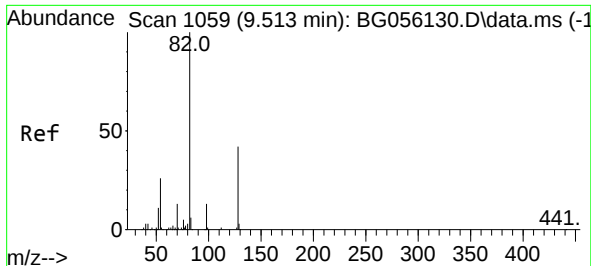
Tgt Ion: 99 Resp: 427478  
Ion Ratio Lower Upper  
99 100  
42 7.3 5.9 8.9  
71 29.8 25.4 38.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.151 min Scan# 1338  
Delta R.T. 0.003 min  
Lab File: BG056269.D  
Acq: 12 Jan 2023 15:14

Tgt Ion: 136 Resp: 170602  
Ion Ratio Lower Upper  
136 100  
137 11.3 9.4 14.0  
54 2.5 2.2 3.2  
68 3.7 3.4 5.0





#23

Nitrobenzene-d5

Concen: 84.040 ng

RT: 9.488 min Scan# 1055

Delta R.T. -0.003 min

Lab File: BG056269.D

Acq: 12 Jan 2023 15:14

Instrument :

BNA\_G

ClientSampleId :

MH-3

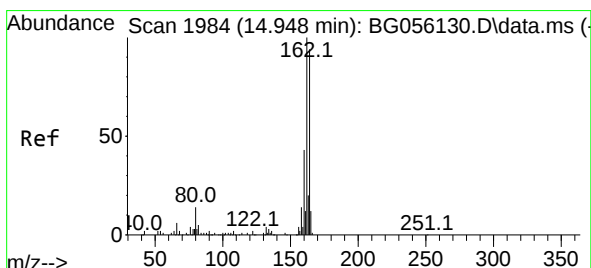
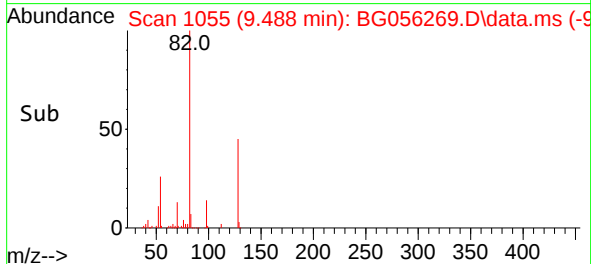
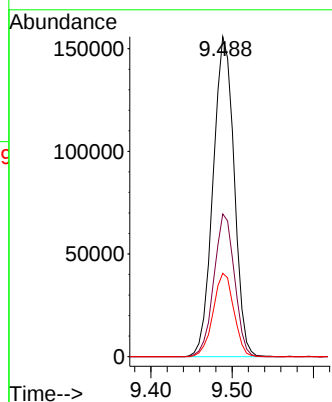
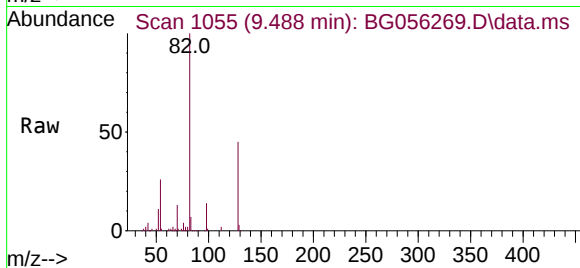
Tgt Ion: 82 Resp: 280292

Ion Ratio Lower Upper

82 100

128 44.6 33.4 50.2

54 26.0 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.929 min Scan# 1981

Delta R.T. 0.003 min

Lab File: BG056269.D

Acq: 12 Jan 2023 15:14

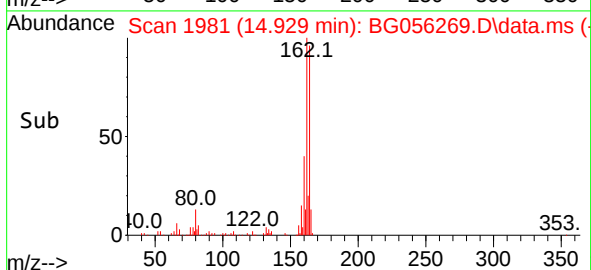
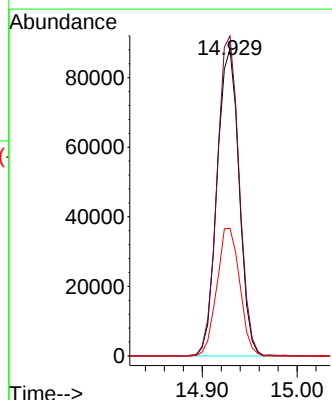
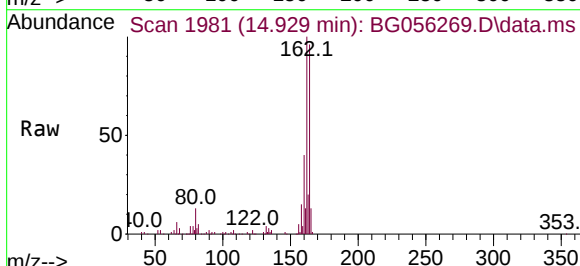
Tgt Ion:164 Resp: 142150

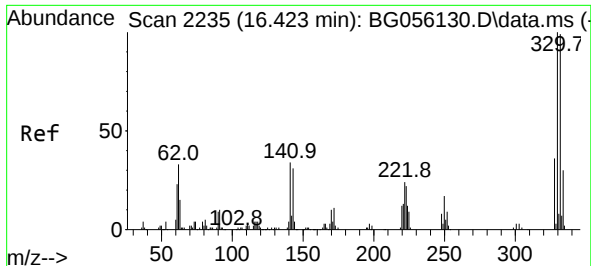
Ion Ratio Lower Upper

164 100

162 104.3 84.7 127.1

160 41.6 36.3 54.5

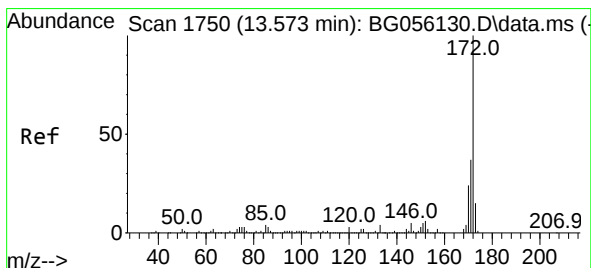
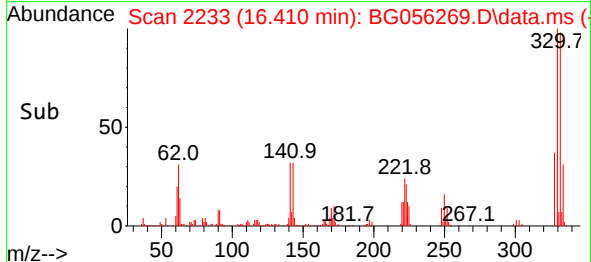
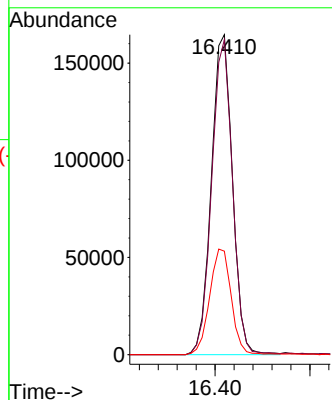
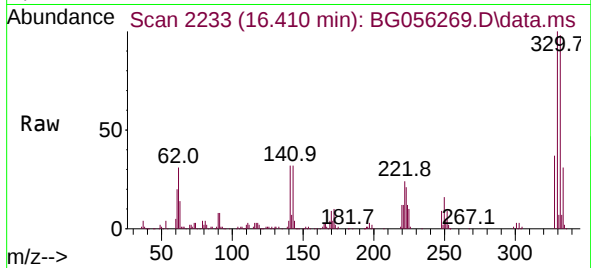




#42  
 2,4,6-Tribromophenol  
 Concen: 141.535 ng  
 RT: 16.410 min Scan# 21  
 Delta R.T. 0.003 min  
 Lab File: BG056269.D  
 Acq: 12 Jan 2023 15:14

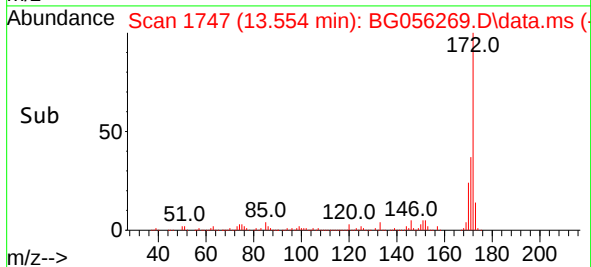
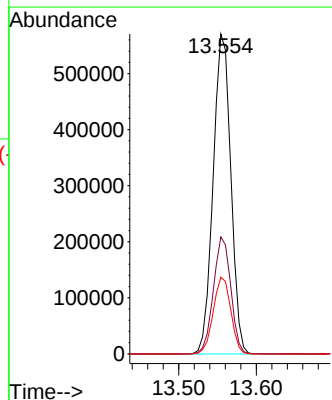
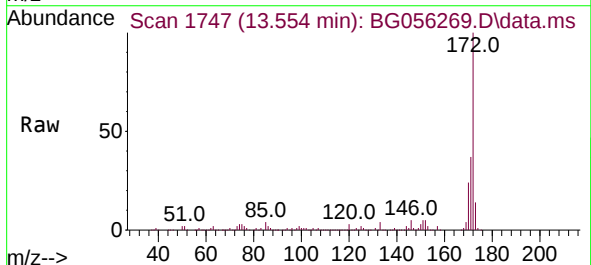
Instrument :  
 BNA\_G  
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 MH-3

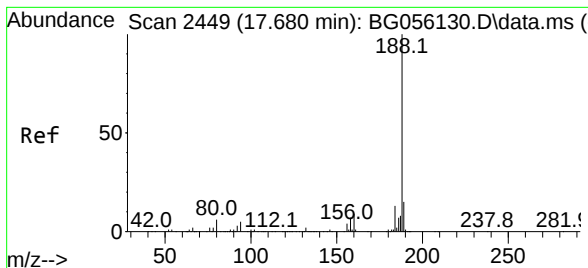
Tgt Ion:330 Resp: 254807  
 Ion Ratio Lower Upper  
 330 100  
 332 96.7 77.3 115.9  
 141 33.8 27.9 41.9



#45  
 2-Fluorobiphenyl  
 Concen: 87.702 ng  
 RT: 13.554 min Scan# 1747  
 Delta R.T. -0.003 min  
 Lab File: BG056269.D  
 Acq: 12 Jan 2023 15:14

Tgt Ion:172 Resp: 902811  
 Ion Ratio Lower Upper  
 172 100  
 171 36.5 29.6 44.4  
 170 24.0 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.661 min Scan# 2446

Delta R.T. -0.003 min

Lab File: BG056269.D

Acq: 12 Jan 2023 15:14

Instrument :

BNA\_G

ClientSampleId :

MH-3

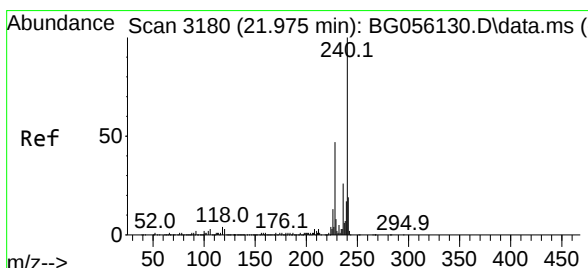
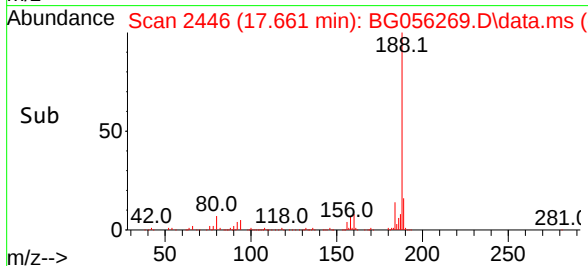
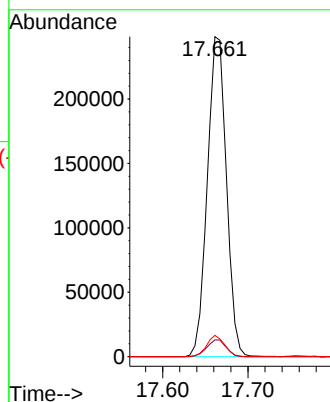
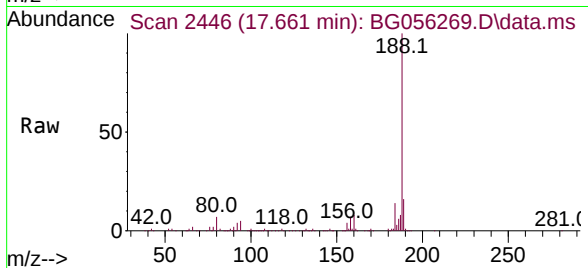
Tgt Ion:188 Resp: 385751

Ion Ratio Lower Upper

188 100

94 5.2 4.2 6.2

80 6.6 5.0 7.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.956 min Scan# 3177

Delta R.T. -0.003 min

Lab File: BG056269.D

Acq: 12 Jan 2023 15:14

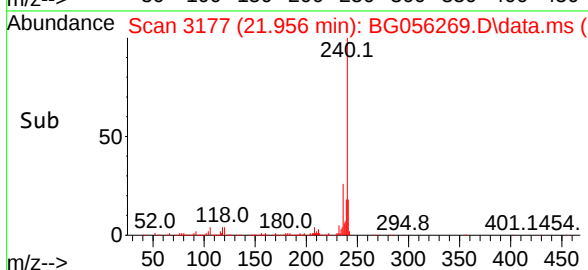
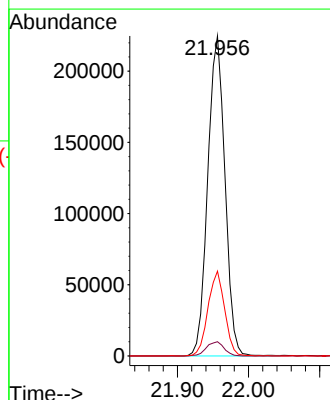
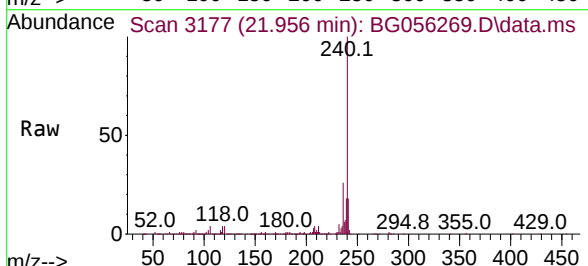
Tgt Ion:240 Resp: 376712

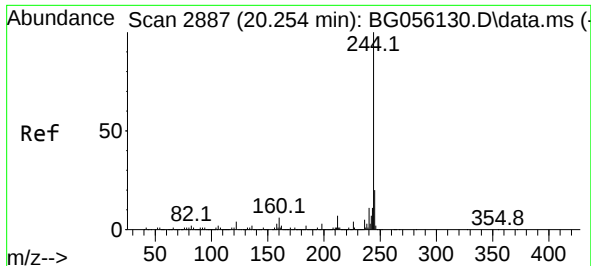
Ion Ratio Lower Upper

240 100

120 4.4 2.6 4.0#

236 26.5 20.8 31.2

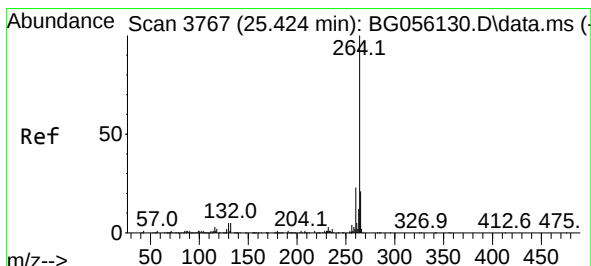
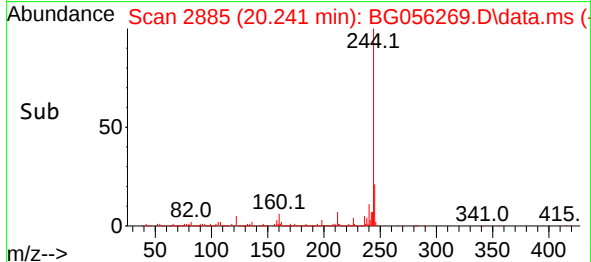
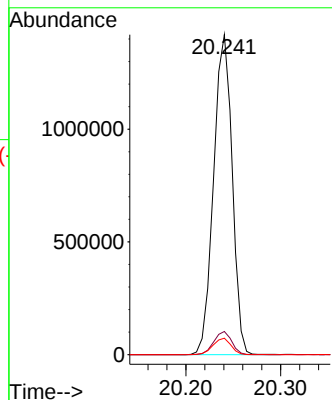
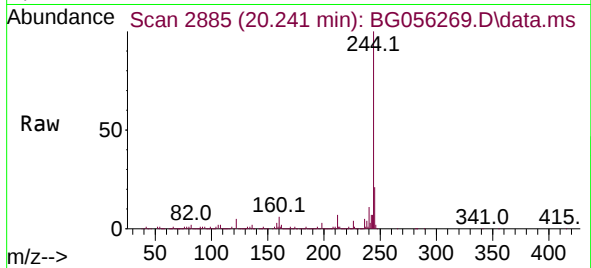




#79  
 Terphenyl-d14  
 Concen: 91.827 ng  
 RT: 20.241 min Scan# 2885  
 Delta R.T. 0.003 min  
 Lab File: BG056269.D  
 Acq: 12 Jan 2023 15:14

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MH-3

Tgt Ion:244 Resp: 1931396  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 5.7 8.5  
 122 5.1 3.5 5.3



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.399 min Scan# 3763  
 Delta R.T. -0.003 min  
 Lab File: BG056269.D  
 Acq: 12 Jan 2023 15:14

Tgt Ion:264 Resp: 407651  
 Ion Ratio Lower Upper  
 264 100  
 260 24.3 18.6 28.0  
 265 21.7 16.7 25.1

