

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG020823\  
 Data File : BG056580.D  
 Acq On : 8 Feb 2023 13:35  
 Operator : CG/JU  
 Sample : PB150729BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB150729BL

Quant Time: Feb 09 02:06:40 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG012723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 08 03:02:11 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.264  | 152  | 30263    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.096 | 136  | 125403   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.892 | 164  | 104095   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.630 | 188  | 283665   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.919 | 240  | 266554   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 25.338 | 264  | 287119   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.791  | 112  | 262338   | 159.466 | ng    | 0.00     |
| 7) Phenol-d6                | 7.418  | 99   | 360331   | 147.828 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.445  | 82   | 183476   | 83.082  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.372 | 330  | 182412   | 131.812 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.511 | 172  | 636859   | 84.822  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.203 | 244  | 1334805  | 87.952  | ng    | 0.00     |

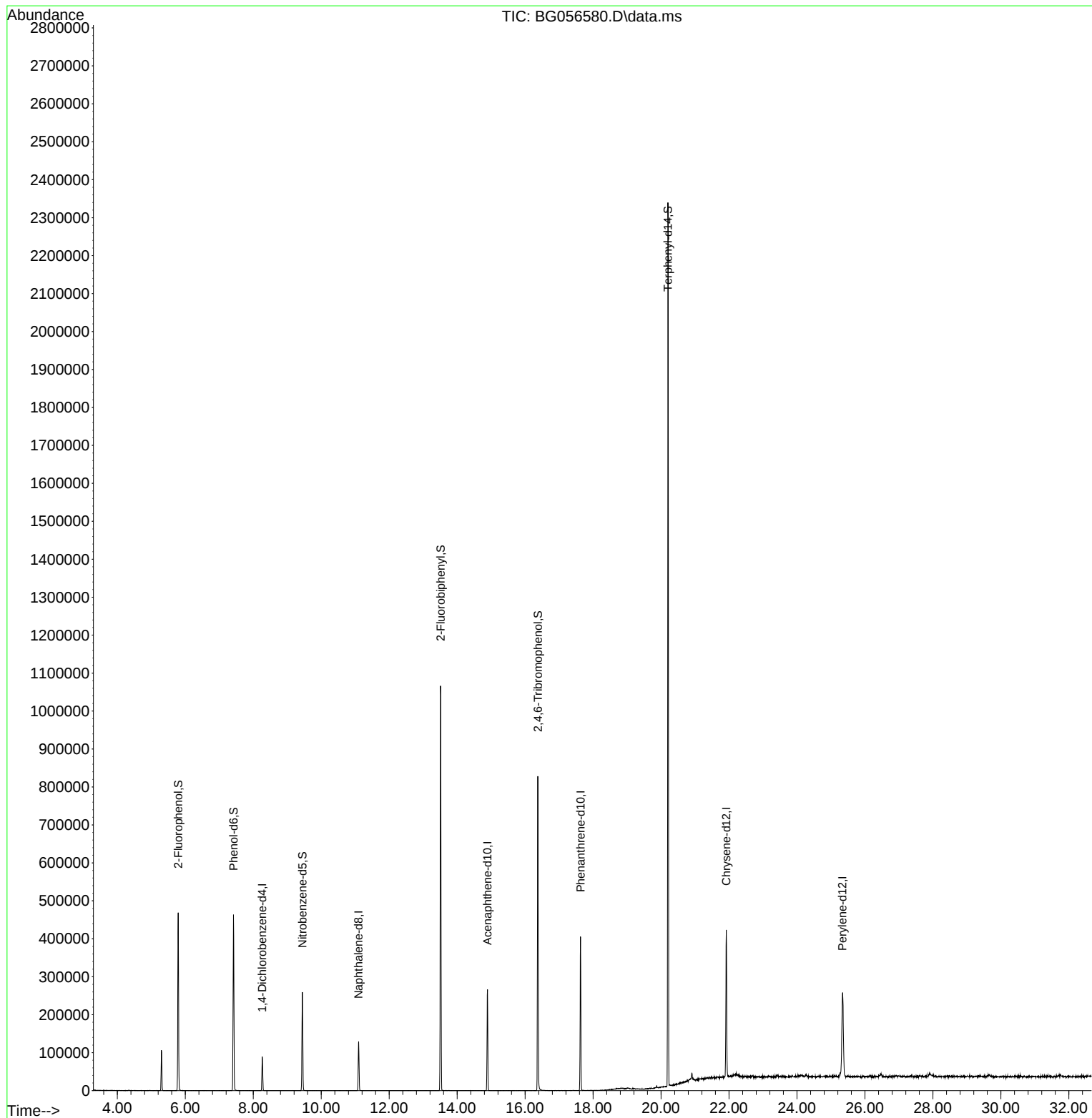
Target Compounds Qvalue

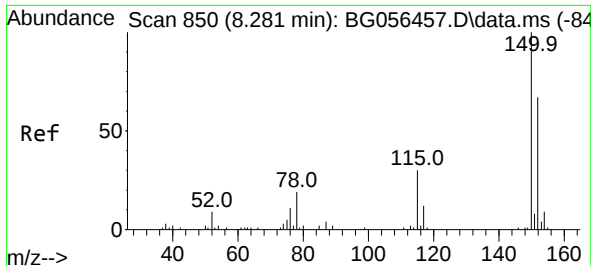
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG020823\  
Data File : BG056580.D  
Acq On : 8 Feb 2023 13:35  
Operator : CG/JU  
Sample : PB150729BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PB150729BL

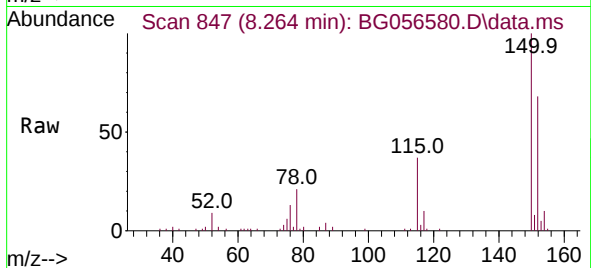
Quant Time: Feb 09 02:06:40 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG012723.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Feb 08 03:02:11 2023  
Response via : Initial Calibration



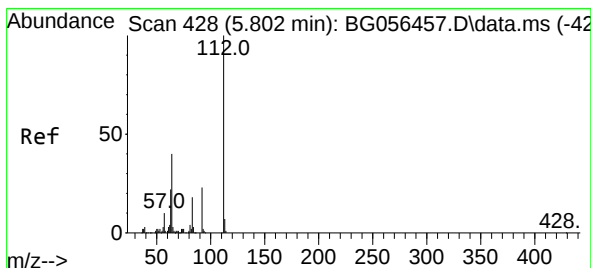
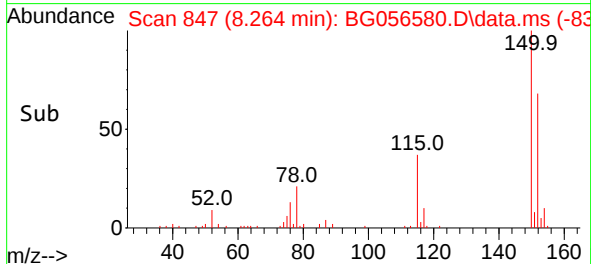
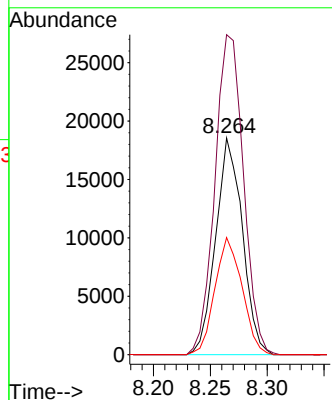


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.264 min Scan# 84  
Delta R.T. -0.005 min  
Lab File: BG056580.D  
Acq: 8 Feb 2023 13:35

Instrument :  
BNA\_G  
ClientSampleId :  
PB150729BL

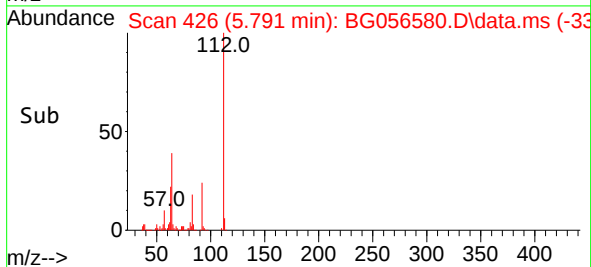
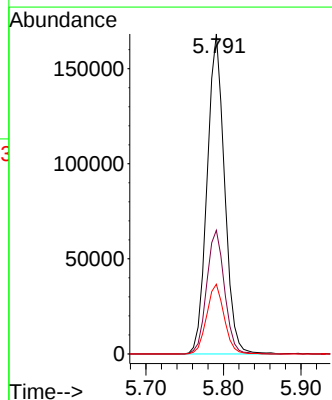
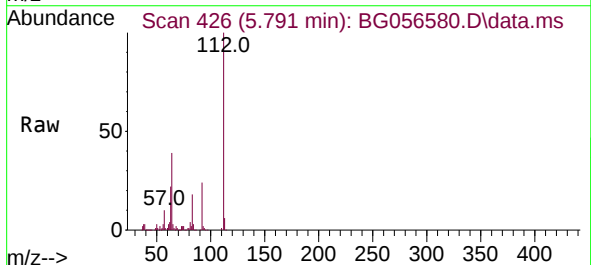


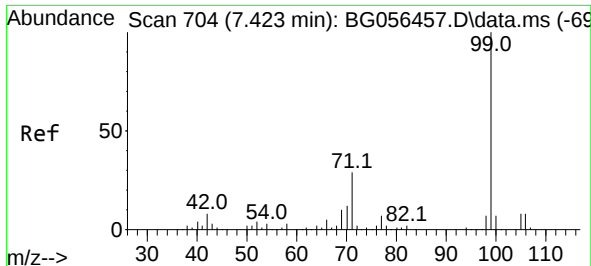
Tgt Ion:152 Resp: 30263  
Ion Ratio Lower Upper  
152 100  
150 147.7 120.2 180.4  
115 54.1 36.3 54.5



#5  
2-Fluorophenol  
Concen: 159.466 ng  
RT: 5.791 min Scan# 426  
Delta R.T. 0.001 min  
Lab File: BG056580.D  
Acq: 8 Feb 2023 13:35

Tgt Ion:112 Resp: 262338  
Ion Ratio Lower Upper  
112 100  
64 38.6 31.9 47.9  
63 21.8 17.4 26.0

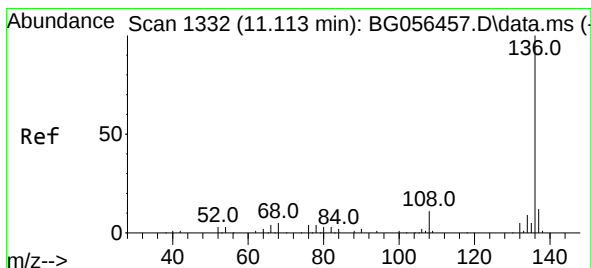
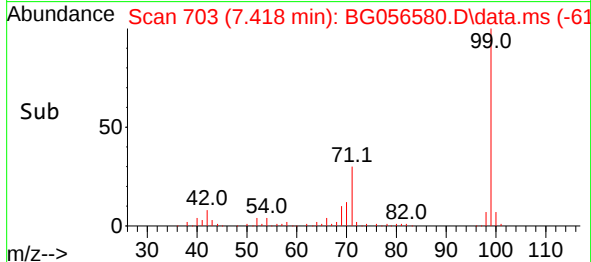
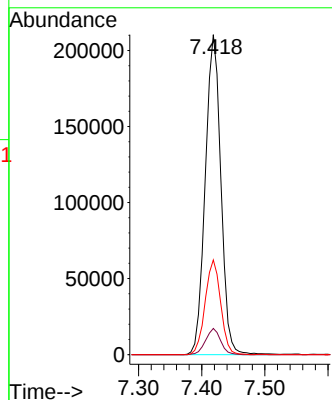
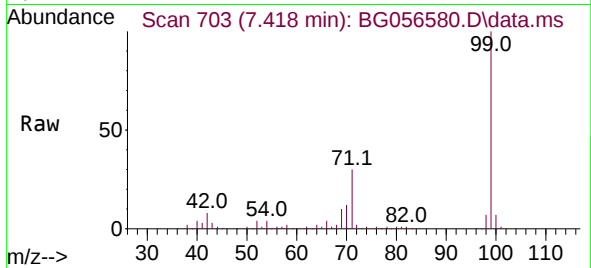




#7  
Phenol-d6  
Concen: 147.828 ng  
RT: 7.418 min Scan# 704  
Delta R.T. 0.001 min  
Lab File: BG056580.D  
Acq: 8 Feb 2023 13:35

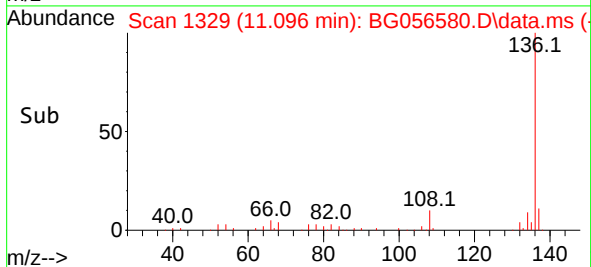
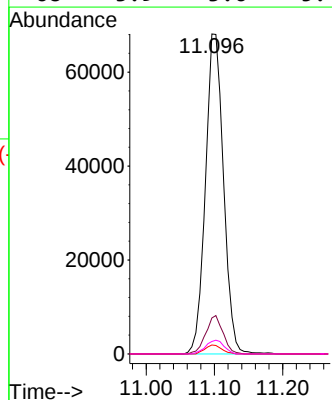
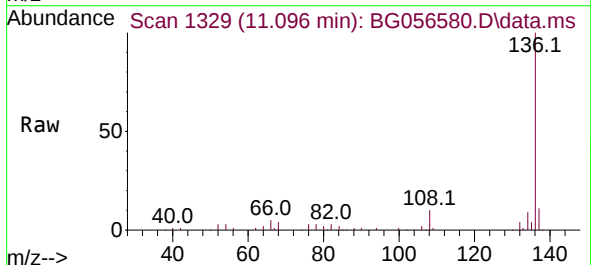
Instrument :  
BNA\_G  
ClientSampleId :  
PB150729BL

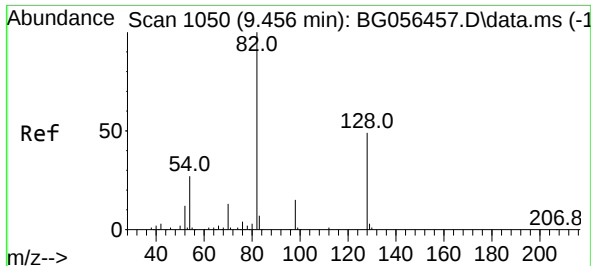
Tgt Ion: 99 Resp: 360331  
Ion Ratio Lower Upper  
99 100  
42 8.2 6.6 10.0  
71 29.6 23.4 35.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.096 min Scan# 1329  
Delta R.T. -0.005 min  
Lab File: BG056580.D  
Acq: 8 Feb 2023 13:35

Tgt Ion: 136 Resp: 125403  
Ion Ratio Lower Upper  
136 100  
137 11.2 9.4 14.0  
54 2.8 2.2 3.4  
68 3.9 3.6 5.4

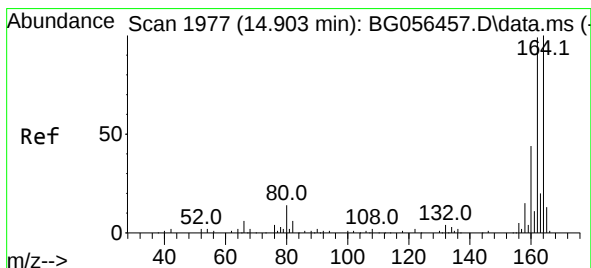
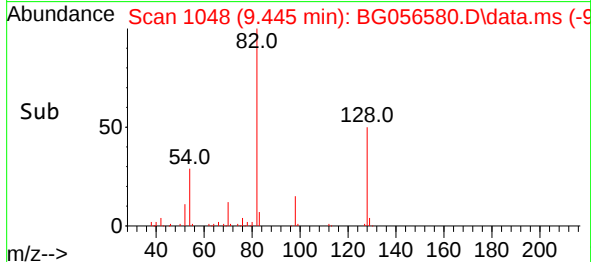
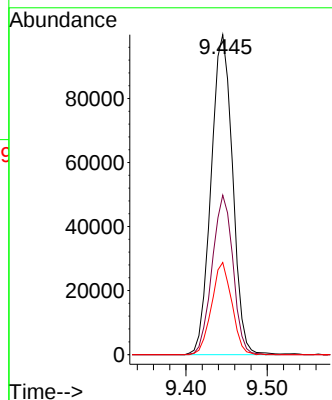
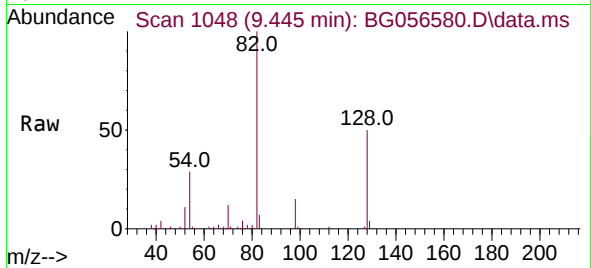




#23  
Nitrobenzene-d5  
Concen: 83.082 ng  
RT: 9.445 min Scan# 1048  
Delta R.T. 0.001 min  
Lab File: BG056580.D  
Acq: 8 Feb 2023 13:35

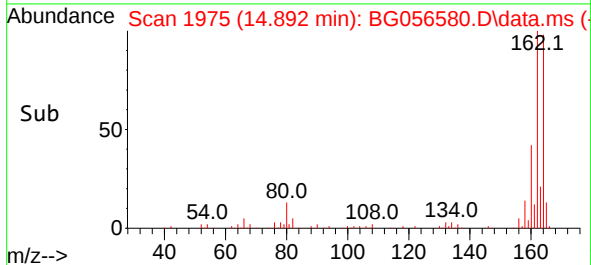
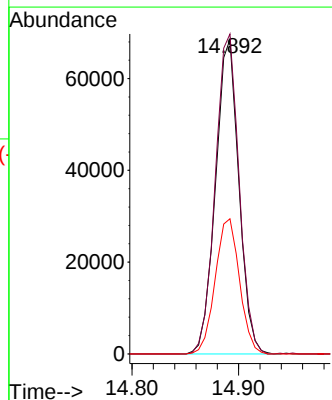
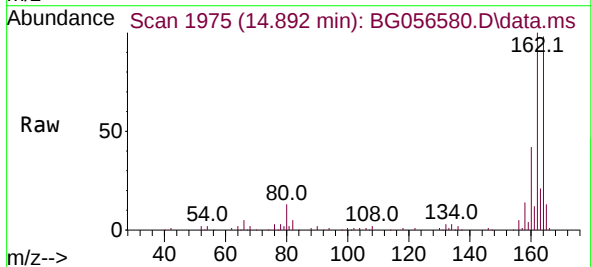
Instrument :  
BNA\_G  
ClientSampleId :  
PB150729BL

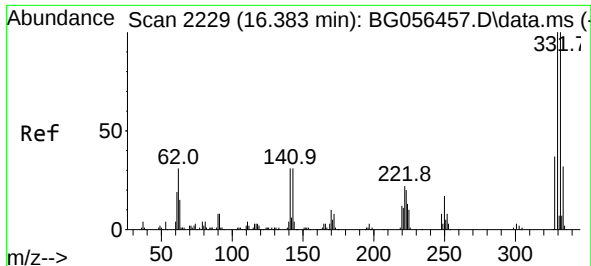
Tgt Ion: 82 Resp: 183476  
Ion Ratio Lower Upper  
82 100  
128 49.8 39.4 59.2  
54 28.8 21.4 32.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.892 min Scan# 1975  
Delta R.T. 0.001 min  
Lab File: BG056580.D  
Acq: 8 Feb 2023 13:35

Tgt Ion:164 Resp: 104095  
Ion Ratio Lower Upper  
164 100  
162 101.8 79.6 119.4  
160 43.0 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 131.812 ng

RT: 16.372 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG056580.D

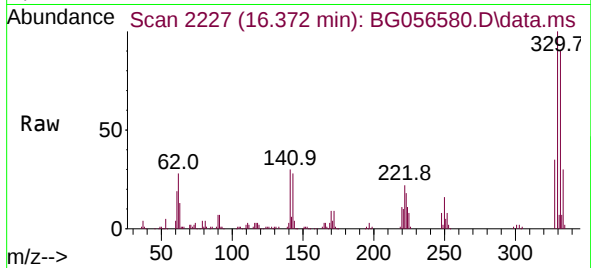
Acq: 8 Feb 2023 13:35

Instrument :

BNA\_G

ClientSampleId :

PB150729BL



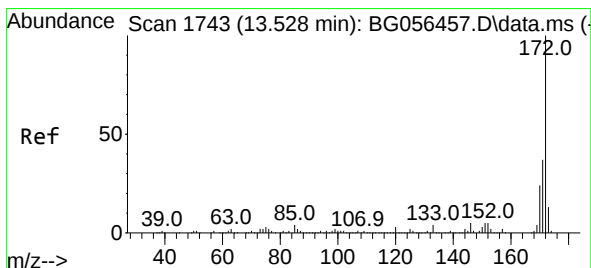
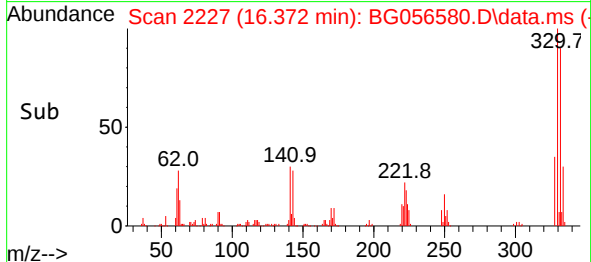
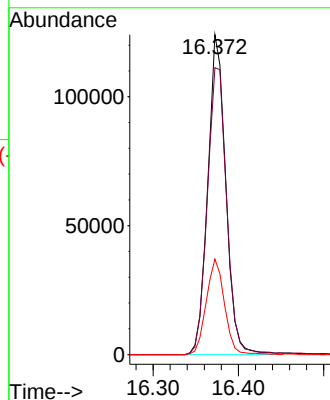
Tgt Ion:330 Resp: 182412

Ion Ratio Lower Upper

330 100

332 96.2 79.0 118.6

141 30.2 24.2 36.4



#45

2-Fluorobiphenyl

Concen: 84.822 ng

RT: 13.511 min Scan# 1740

Delta R.T. -0.005 min

Lab File: BG056580.D

Acq: 8 Feb 2023 13:35

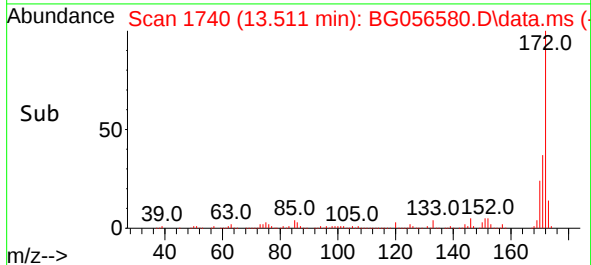
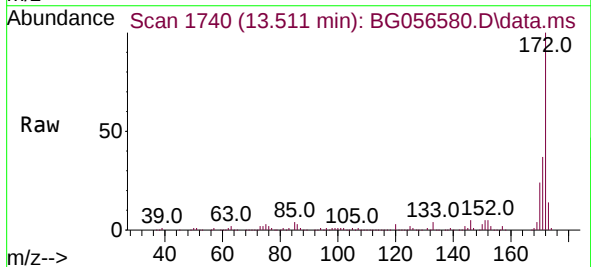
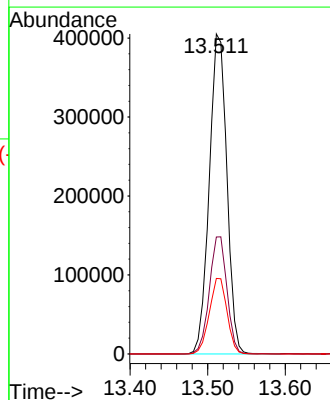
Tgt Ion:172 Resp: 636859

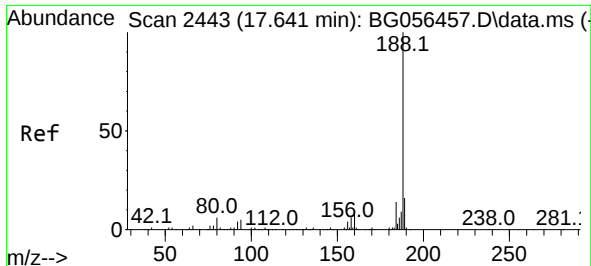
Ion Ratio Lower Upper

172 100

171 36.5 29.5 44.3

170 23.6 19.2 28.8

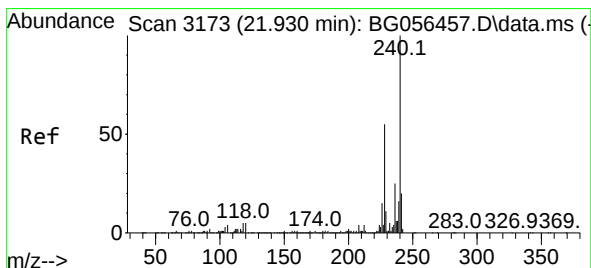
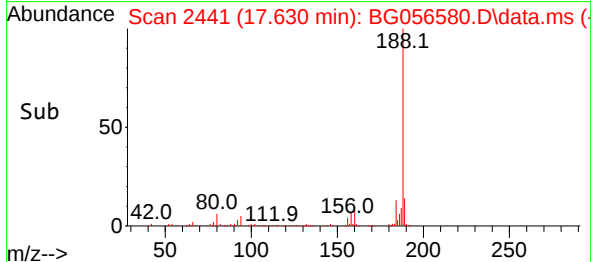
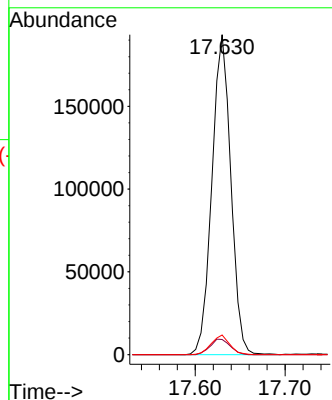
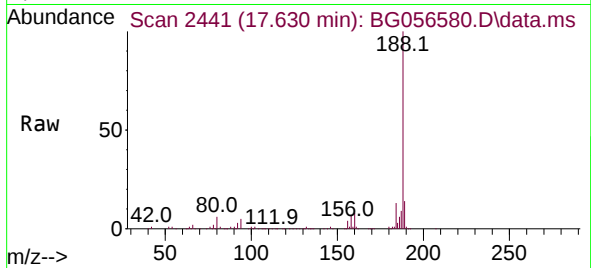




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.630 min Scan# 2441  
Delta R.T. 0.001 min  
Lab File: BG056580.D  
Acq: 8 Feb 2023 13:35

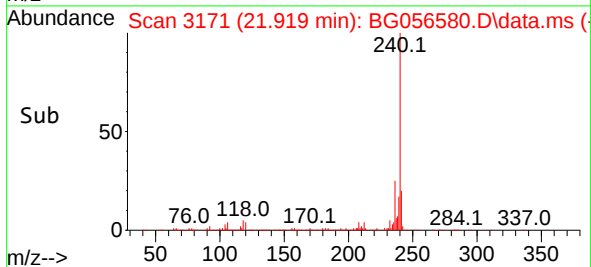
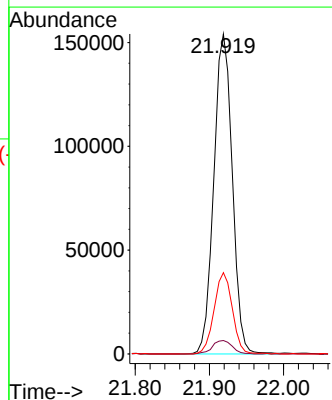
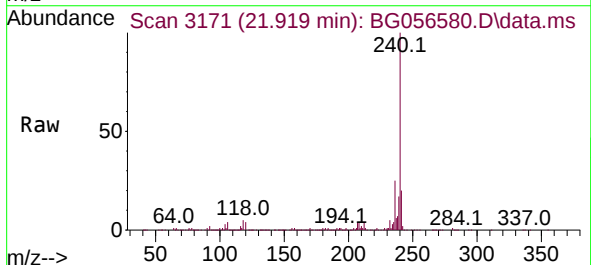
Instrument :  
BNA\_G  
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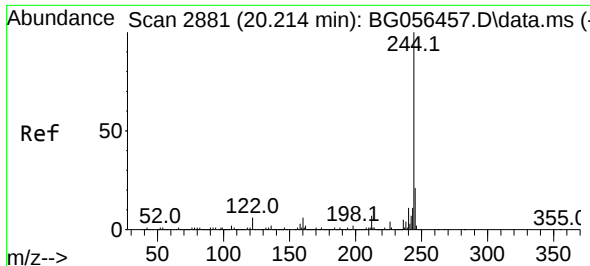
Tgt Ion:188 Resp: 283665  
Ion Ratio Lower Upper  
188 100  
94 4.7 4.1 6.1  
80 6.1 5.0 7.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.919 min Scan# 3171  
Delta R.T. -0.005 min  
Lab File: BG056580.D  
Acq: 8 Feb 2023 13:35

Tgt Ion:240 Resp: 266554  
Ion Ratio Lower Upper  
240 100  
120 4.2 3.8 5.8  
236 25.4 20.2 30.2

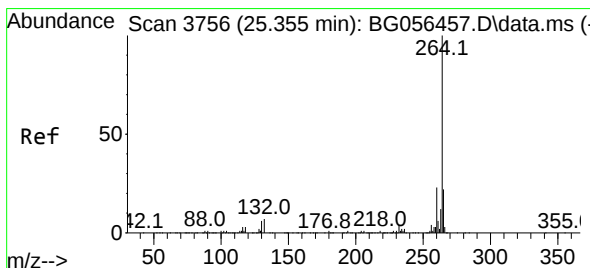
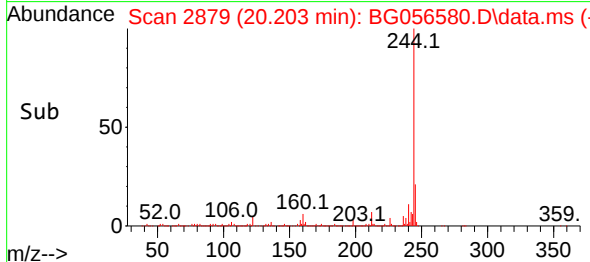
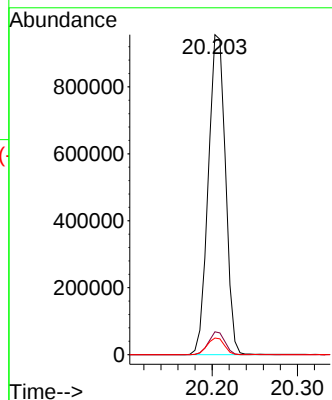
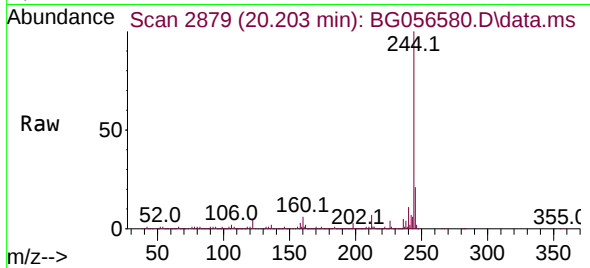




#79  
 Terphenyl-d14  
 Concen: 87.952 ng  
 RT: 20.203 min Scan# 2881  
 Delta R.T. -0.005 min  
 Lab File: BG056580.D  
 Acq: 8 Feb 2023 13:35

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB150729BL

Tgt Ion:244 Resp: 1334805  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.5 8.3  
 122 5.2 4.4 6.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.338 min Scan# 3753  
 Delta R.T. 0.001 min  
 Lab File: BG056580.D  
 Acq: 8 Feb 2023 13:35

Tgt Ion:264 Resp: 287119  
 Ion Ratio Lower Upper  
 264 100  
 260 23.2 18.2 27.4  
 265 20.4 18.1 27.1

