

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG110722\  
 Data File : BG055494.D  
 Acq On : 8 Nov 2022 2:24  
 Operator : CG/JU  
 Sample : N5415-10  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 R-23

Quant Time: Nov 08 03:56:14 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG110122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 08 03:46:08 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.082  | 152  | 33006    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.909 | 136  | 149225   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.722 | 164  | 101410   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.460 | 188  | 212582   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.714 | 240  | 206106   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 24.980 | 264  | 235295   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.609  | 112  | 173698   | 94.509 | ng    | 0.00     |
| 7) Phenol-d6                | 7.242  | 99   | 225156   | 88.341 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.258  | 82   | 132965   | 47.488 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.208 | 330  | 127191   | 91.950 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.347 | 172  | 380879   | 55.686 | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.045 | 244  | 583977   | 55.096 | ng    | 0.00     |

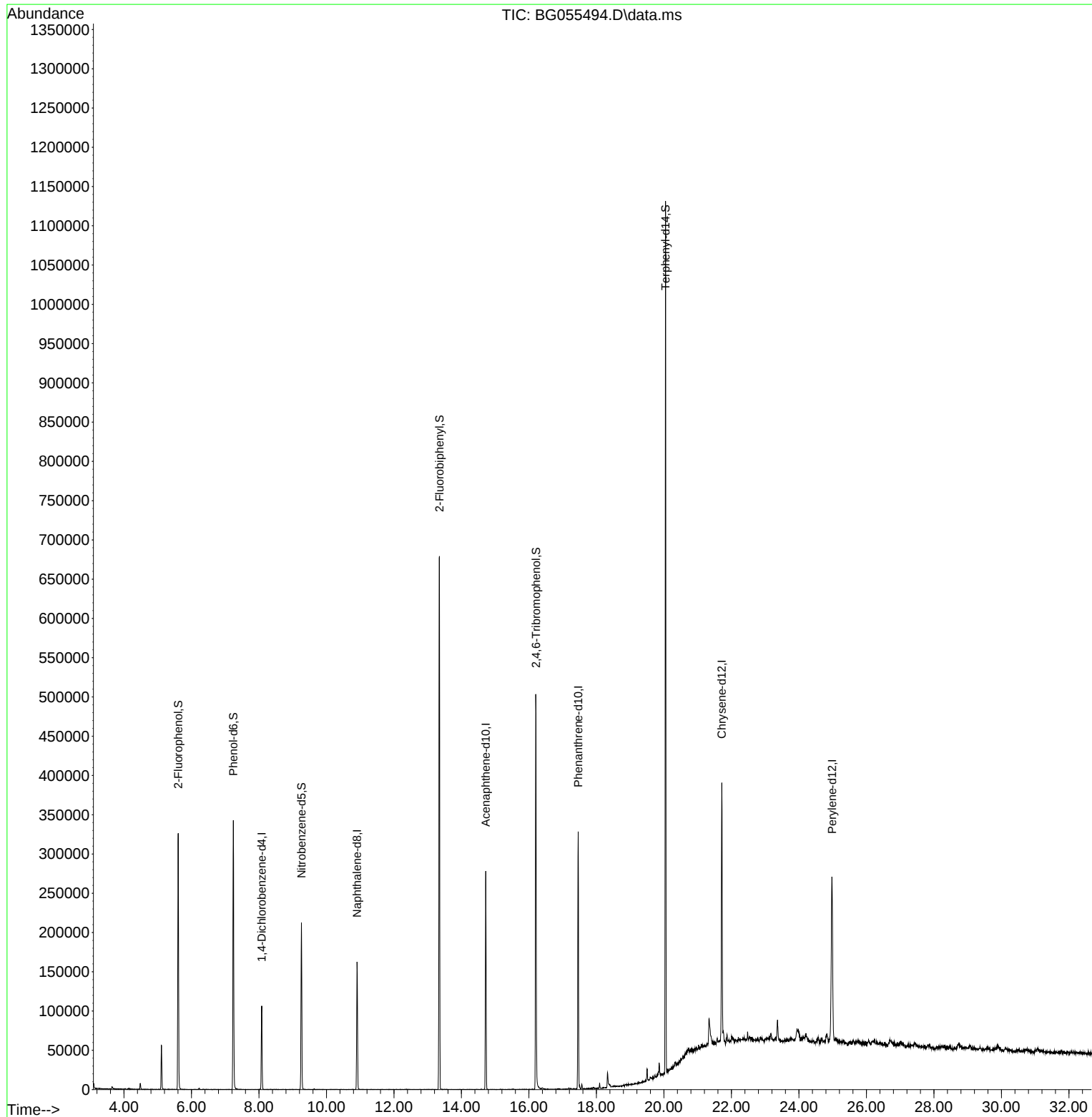
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

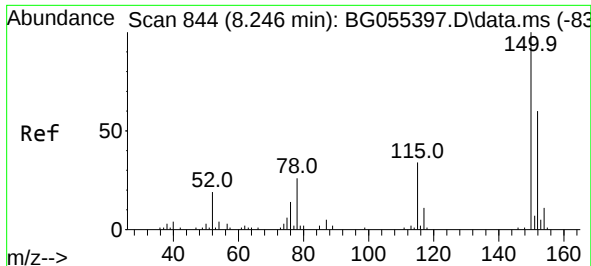
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG110722\  
Data File : BG055494.D  
Acq On : 8 Nov 2022 2:24  
Operator : CG/JU  
Sample : N5415-10  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
R-23

Quant Time: Nov 08 03:56:14 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG110122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Nov 08 03:46:08 2022  
Response via : Initial Calibration

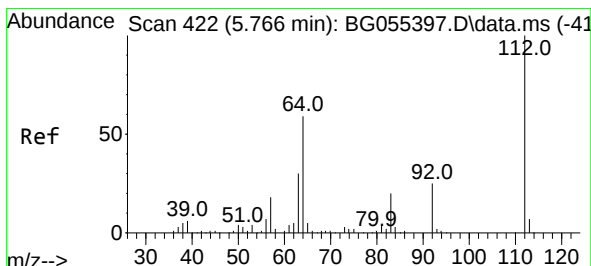
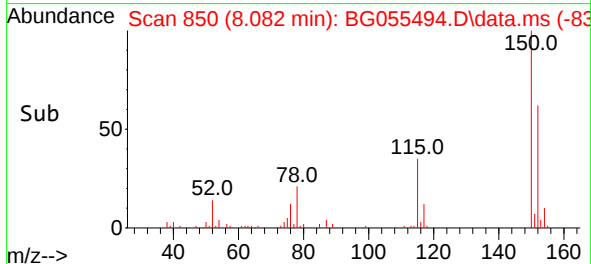
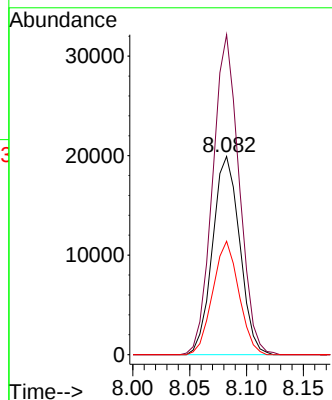
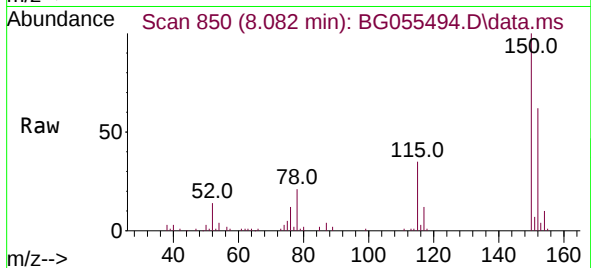




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.082 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BG055494.D  
Acq: 8 Nov 2022 2:24

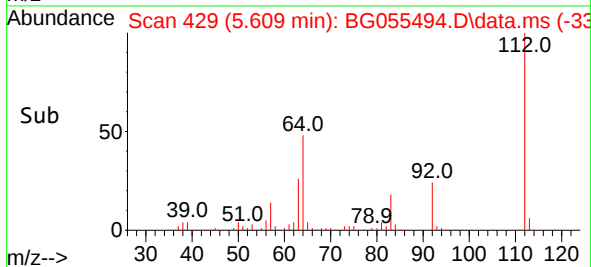
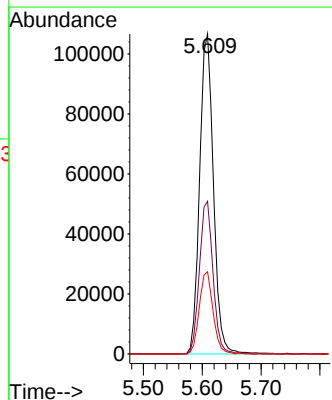
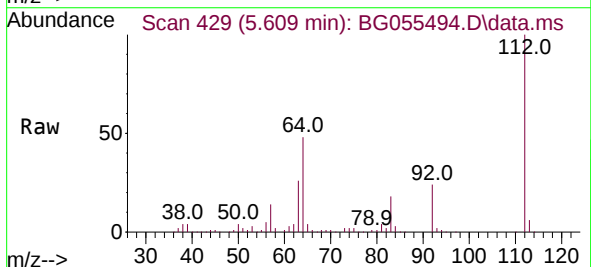
Instrument :  
BNA\_G  
ClientSampleId :  
R-23

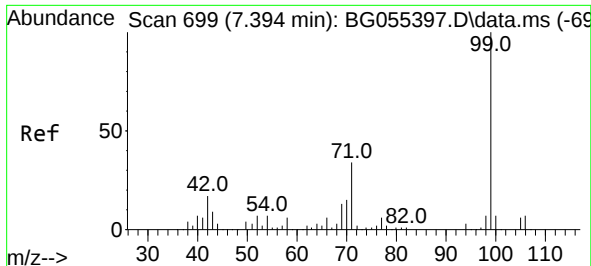
Tgt Ion:152 Resp: 33006  
Ion Ratio Lower Upper  
152 100  
150 161.4 132.8 199.2  
115 57.2 45.1 67.7



#5  
2-Fluorophenol  
Concen: 94.509 ng  
RT: 5.609 min Scan# 429  
Delta R.T. -0.000 min  
Lab File: BG055494.D  
Acq: 8 Nov 2022 2:24

Tgt Ion:112 Resp: 173698  
Ion Ratio Lower Upper  
112 100  
64 47.7 47.2 70.8  
63 25.7 24.3 36.5

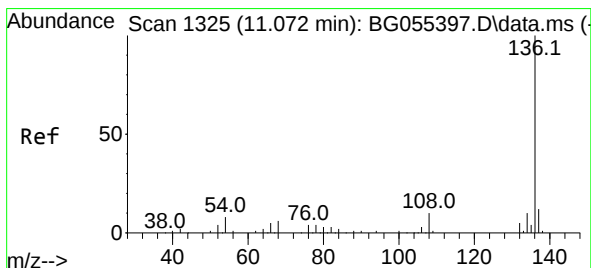
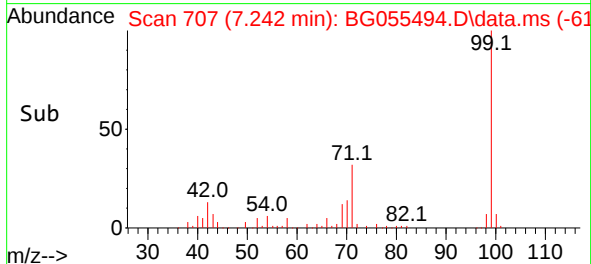
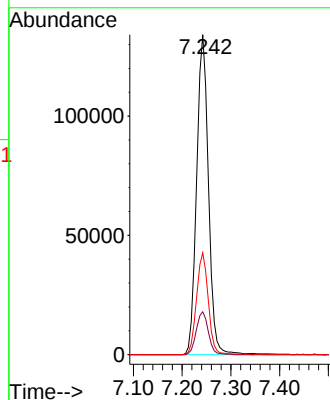
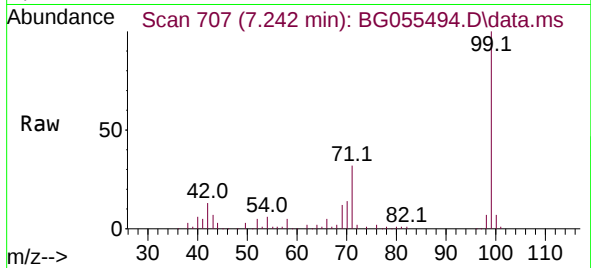




#7  
Phenol-d6  
Concen: 88.341 ng  
RT: 7.242 min Scan# 70  
Delta R.T. -0.000 min  
Lab File: BG055494.D  
Acq: 8 Nov 2022 2:24

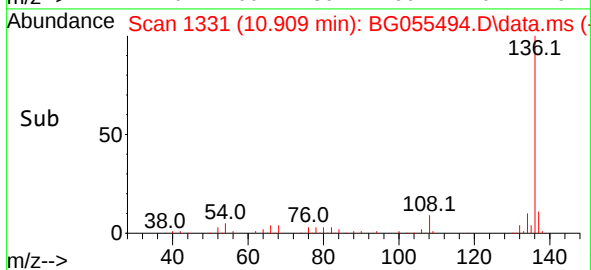
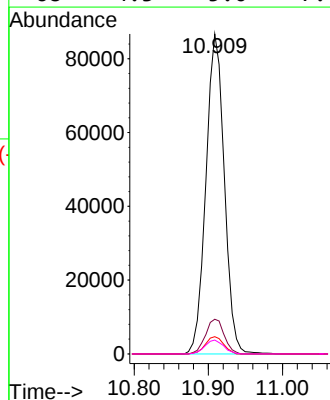
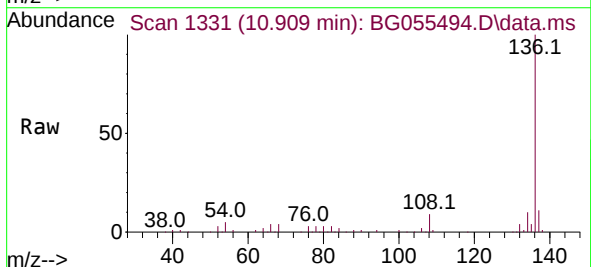
Instrument :  
BNA\_G  
ClientSampleId :  
R-23

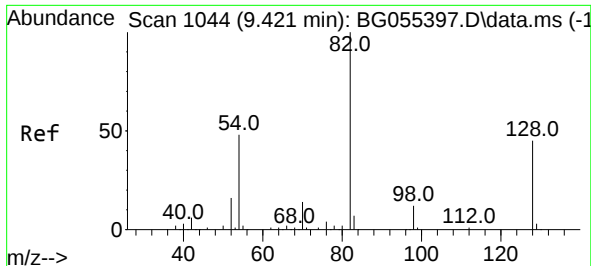
Tgt Ion: 99 Resp: 225156  
Ion Ratio Lower Upper  
99 100  
42 13.4 13.5 20.3#  
71 31.8 27.4 41.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.909 min Scan# 1331  
Delta R.T. -0.006 min  
Lab File: BG055494.D  
Acq: 8 Nov 2022 2:24

Tgt Ion: 136 Resp: 149225  
Ion Ratio Lower Upper  
136 100  
137 10.8 9.4 14.2  
54 5.4 6.1 9.1#  
68 4.3 5.0 7.4#





#23

Nitrobenzene-d5

Concen: 47.488 ng

RT: 9.258 min Scan# 1044

Delta R.T. -0.006 min

Lab File: BG055494.D

Acq: 8 Nov 2022 2:24

Instrument :

BNA\_G

ClientSampleId :

R-23

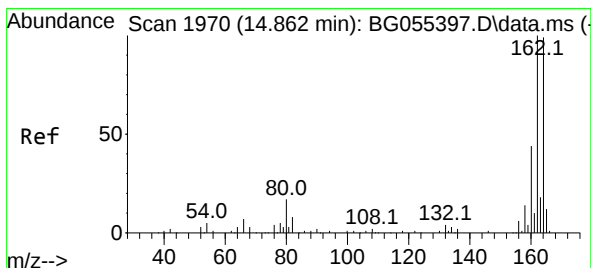
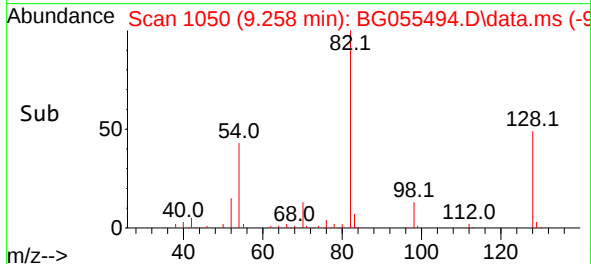
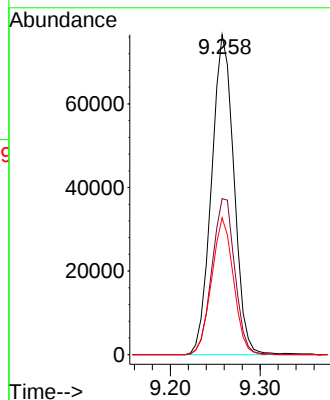
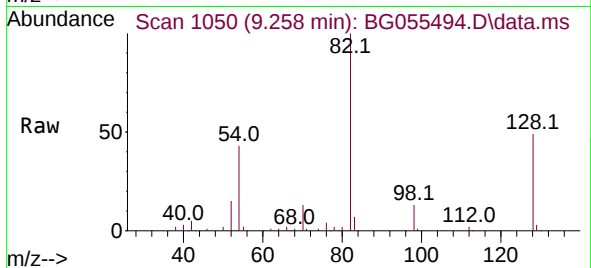
Tgt Ion: 82 Resp: 132965

Ion Ratio Lower Upper

82 100

128 48.7 35.8 53.8

54 42.8 38.1 57.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.722 min Scan# 1980

Delta R.T. -0.006 min

Lab File: BG055494.D

Acq: 8 Nov 2022 2:24

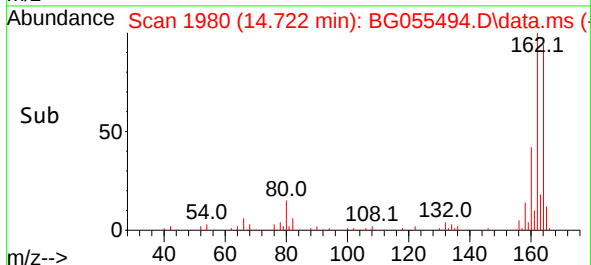
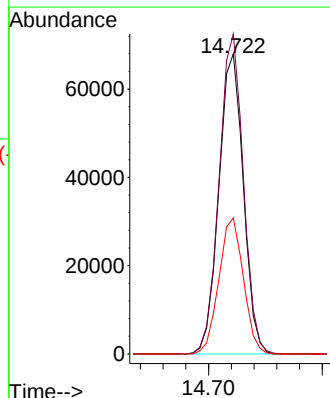
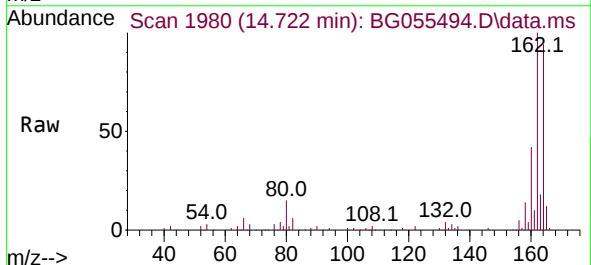
Tgt Ion:164 Resp: 101410

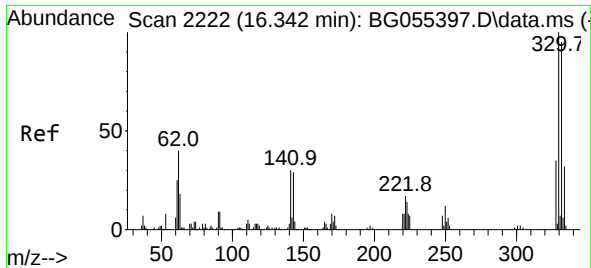
Ion Ratio Lower Upper

164 100

162 106.7 81.1 121.7

160 45.3 35.8 53.6

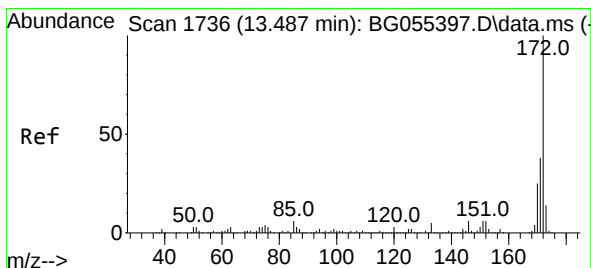
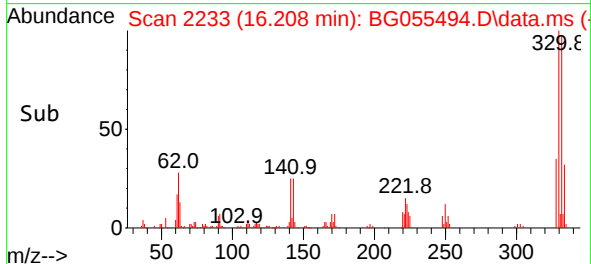
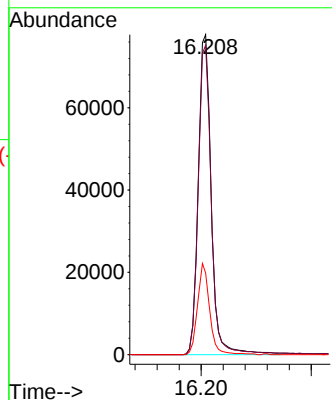
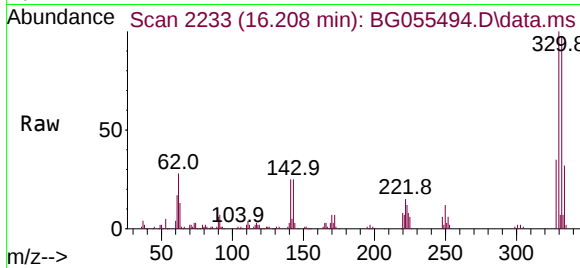




#42  
2,4,6-Tribromophenol  
Concen: 91.950 ng  
RT: 16.208 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BG055494.D  
Acq: 8 Nov 2022 2:24

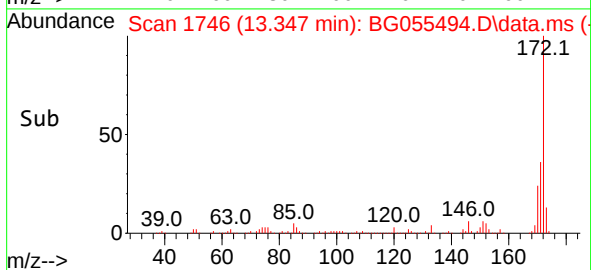
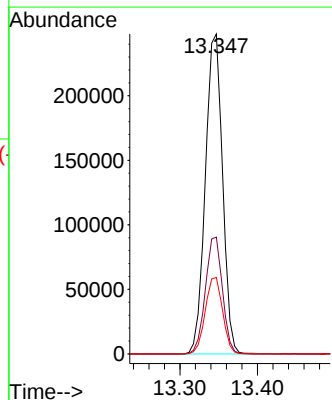
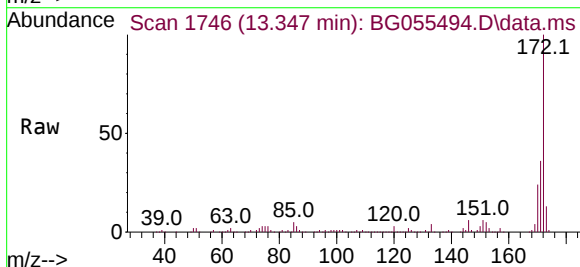
Instrument :  
BNA\_G  
ClientSampleId :  
R-23

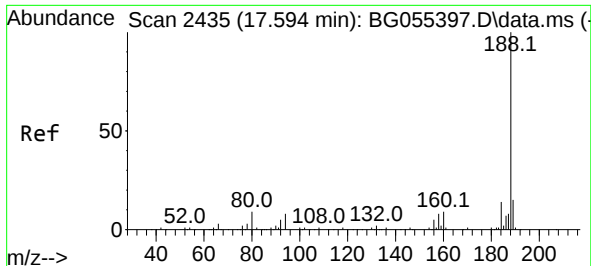
Tgt Ion:330 Resp: 127191  
Ion Ratio Lower Upper  
330 100  
332 96.7 77.8 116.6  
141 26.6 24.2 36.2



#45  
2-Fluorobiphenyl  
Concen: 55.686 ng  
RT: 13.347 min Scan# 1746  
Delta R.T. -0.000 min  
Lab File: BG055494.D  
Acq: 8 Nov 2022 2:24

Tgt Ion:172 Resp: 380879  
Ion Ratio Lower Upper  
172 100  
171 36.5 30.2 45.2  
170 23.9 20.2 30.2

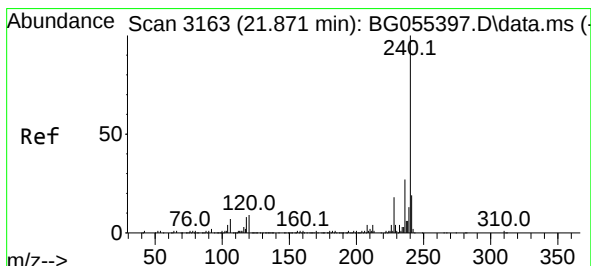
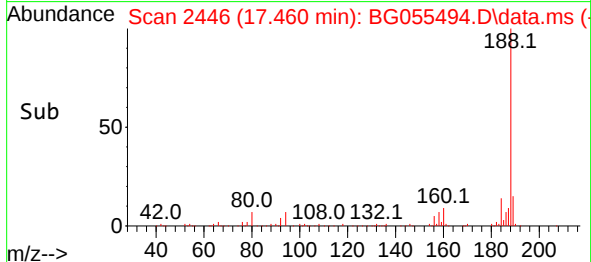
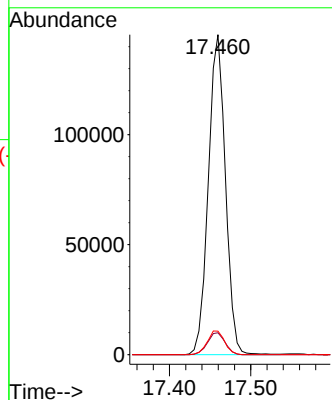
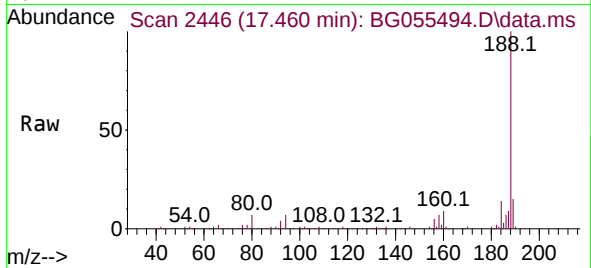




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.460 min Scan# 2435  
Delta R.T. -0.006 min  
Lab File: BG055494.D  
Acq: 8 Nov 2022 2:24

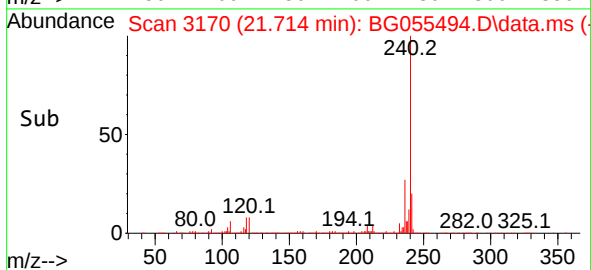
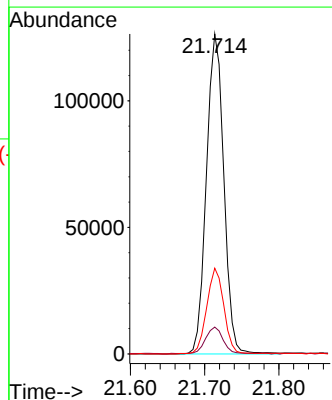
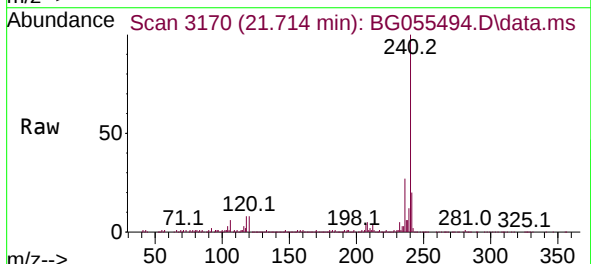
Instrument :  
BNA\_G  
ClientSampleId :  
R-23

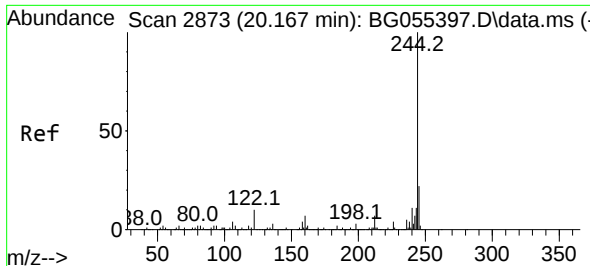
Tgt Ion:188 Resp: 212582  
Ion Ratio Lower Upper  
188 100  
94 6.8 6.5 9.7  
80 7.3 7.4 11.0#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.714 min Scan# 3170  
Delta R.T. -0.012 min  
Lab File: BG055494.D  
Acq: 8 Nov 2022 2:24

Tgt Ion:240 Resp: 206106  
Ion Ratio Lower Upper  
240 100  
120 8.4 6.9 10.3  
236 26.8 21.5 32.3

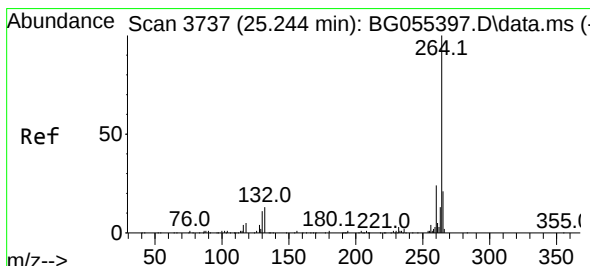
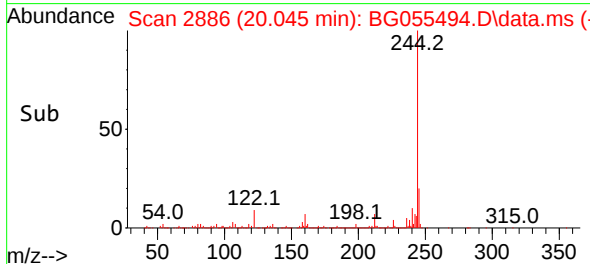
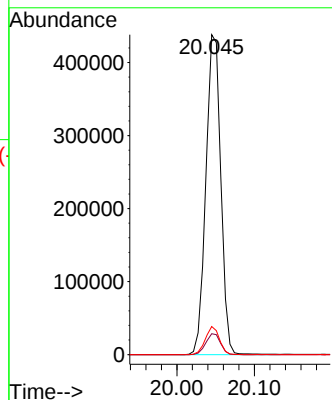
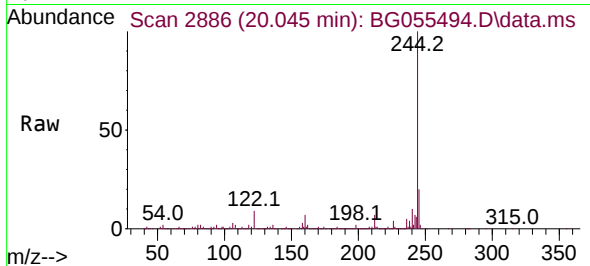




#79  
 Terphenyl-d14  
 Concen: 55.096 ng  
 RT: 20.045 min Scan# 2873  
 Delta R.T. -0.006 min  
 Lab File: BG055494.D  
 Acq: 8 Nov 2022 2:24

Instrument :  
 BNA\_G  
 ClientSampleId :  
 R-23

Tgt Ion:244 Resp: 583977  
 Ion Ratio Lower Upper  
 244 100  
 212 6.5 5.8 8.8  
 122 8.8 7.8 11.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.980 min Scan# 3726  
 Delta R.T. -0.006 min  
 Lab File: BG055494.D  
 Acq: 8 Nov 2022 2:24

Tgt Ion:264 Resp: 235295  
 Ion Ratio Lower Upper  
 264 100  
 260 23.4 18.9 28.3  
 265 21.7 17.1 25.7

