

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120822\  
 Data File : BG055929.D  
 Acq On : 8 Dec 2022 16:01  
 Operator : CG/JU  
 Sample : N5897-02  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 COMPOSITE

Quant Time: Dec 09 08:10:07 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 09 07:57:14 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.142  | 152  | 24325    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.968 | 136  | 95493    | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.776 | 164  | 72109    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.520 | 188  | 199893   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.797 | 240  | 192298   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 25.128 | 264  | 215751   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.675  | 112  | 199230   | 148.042 | ng    | 0.00     |
| 7) Phenol-d6                | 7.302  | 99   | 233239   | 130.197 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.317  | 82   | 184248   | 101.980 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.268 | 330  | 177508   | 174.818 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.401 | 172  | 465647   | 96.742  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.111 | 244  | 1039935  | 108.166 | ng    | 0.00     |

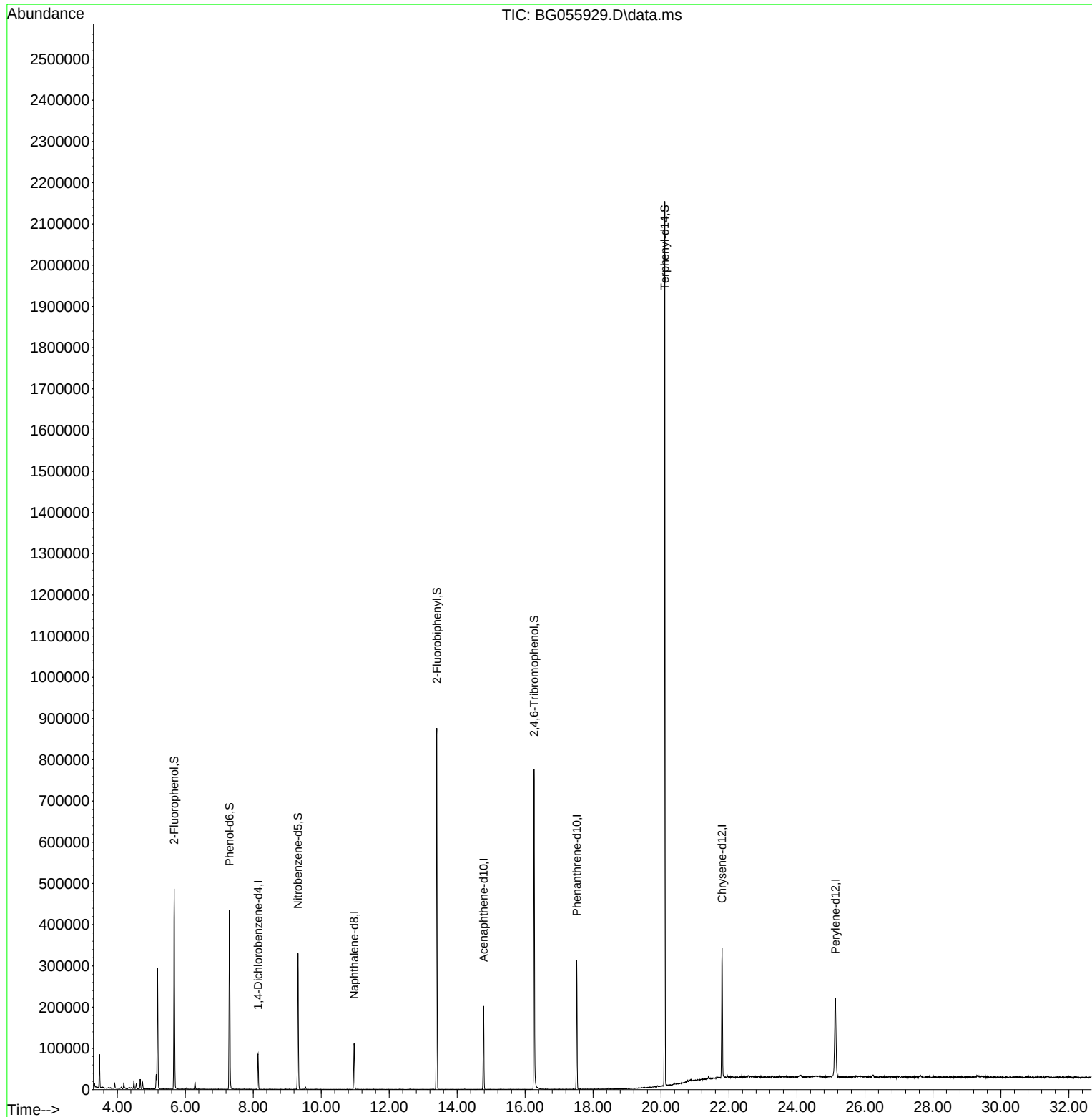
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

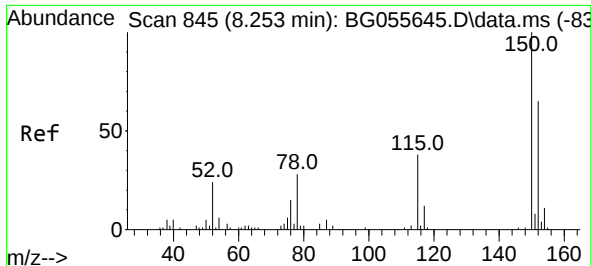
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120822\  
Data File : BG055929.D  
Acq On : 8 Dec 2022 16:01  
Operator : CG/JU  
Sample : N5897-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
COMPOSITE

Quant Time: Dec 09 08:10:07 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Dec 09 07:57:14 2022  
Response via : Initial Calibration

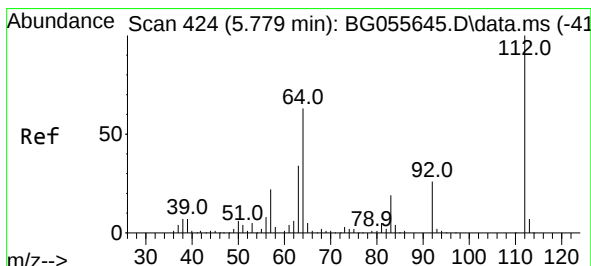
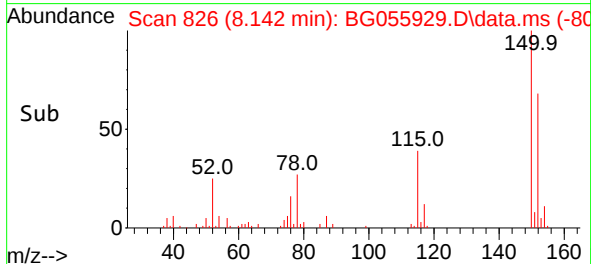
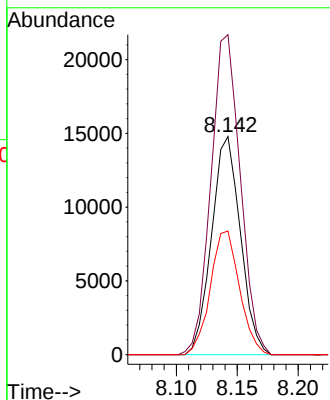
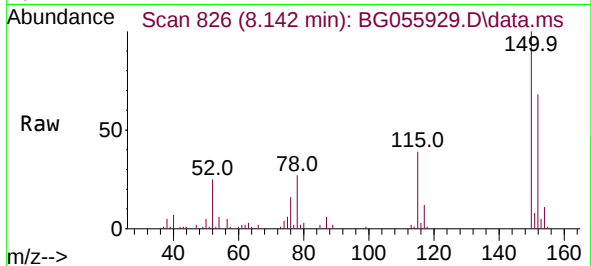




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.142 min Scan# 81  
Delta R.T. 0.002 min  
Lab File: BG055929.D  
Acq: 8 Dec 2022 16:01

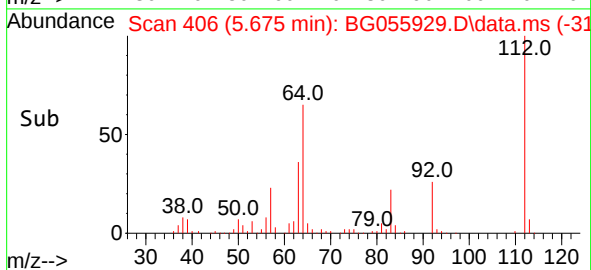
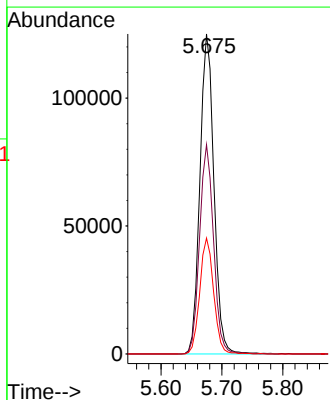
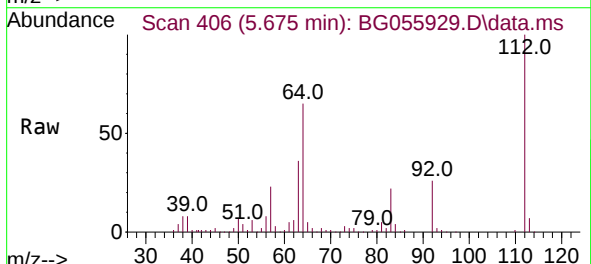
Instrument :  
BNA\_G  
ClientSampleId :  
COMPOSITE

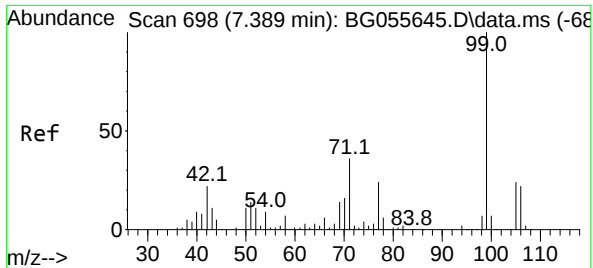
Tgt Ion:152 Resp: 24325  
Ion Ratio Lower Upper  
152 100  
150 146.8 123.0 184.6  
115 56.7 47.0 70.4



#5  
2-Fluorophenol  
Concen: 148.042 ng  
RT: 5.675 min Scan# 406  
Delta R.T. 0.002 min  
Lab File: BG055929.D  
Acq: 8 Dec 2022 16:01

Tgt Ion:112 Resp: 199230  
Ion Ratio Lower Upper  
112 100  
64 65.4 50.6 76.0  
63 36.2 27.5 41.3

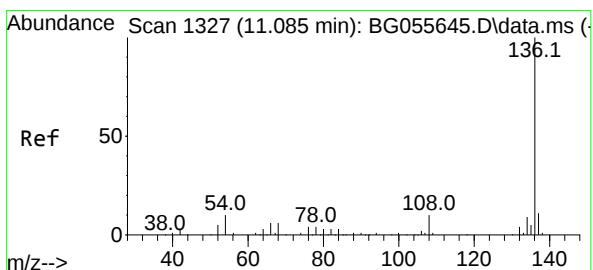
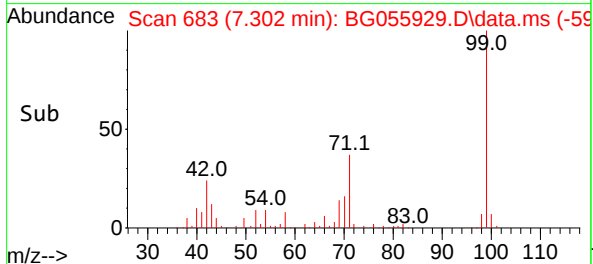
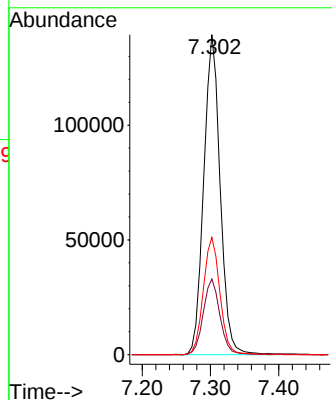
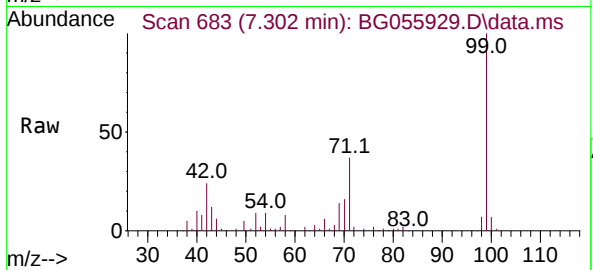




#7  
Phenol-d6  
Concen: 130.197 ng  
RT: 7.302 min Scan# 68  
Delta R.T. 0.002 min  
Lab File: BG055929.D  
Acq: 8 Dec 2022 16:01

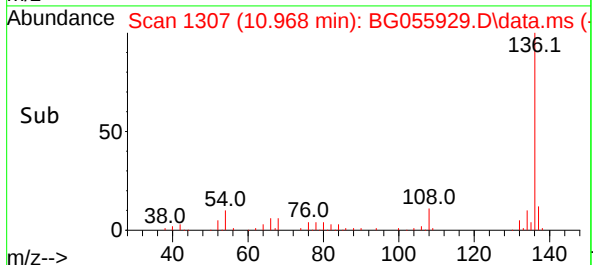
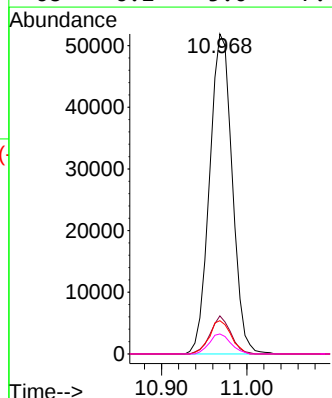
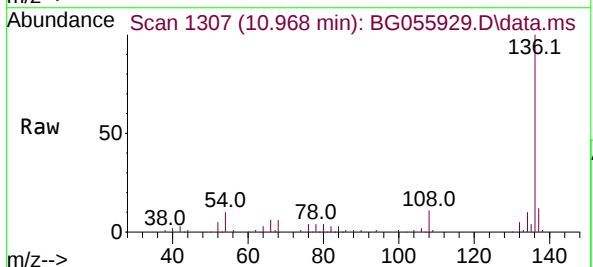
Instrument :  
BNA\_G  
ClientSampleId :  
COMPOSITE

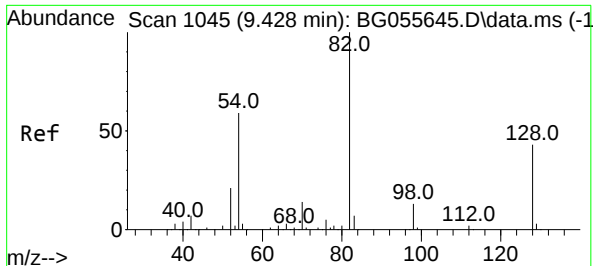
Tgt Ion: 99 Resp: 233239  
Ion Ratio Lower Upper  
99 100  
42 23.6 18.0 27.0  
71 36.6 29.0 43.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.968 min Scan# 1307  
Delta R.T. -0.004 min  
Lab File: BG055929.D  
Acq: 8 Dec 2022 16:01

Tgt Ion:136 Resp: 95493  
Ion Ratio Lower Upper  
136 100  
137 11.9 9.0 13.6  
54 10.4 7.8 11.6  
68 6.2 5.0 7.4





#23

Nitrobenzene-d5

Concen: 101.980 ng

RT: 9.317 min Scan# 1045

Delta R.T. -0.004 min

Lab File: BG055929.D

Acq: 8 Dec 2022 16:01

Instrument :

BNA\_G

ClientSampleId :

COMPOSITE

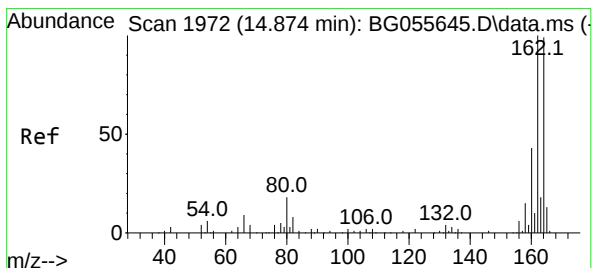
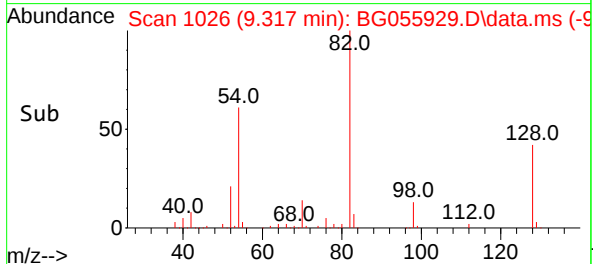
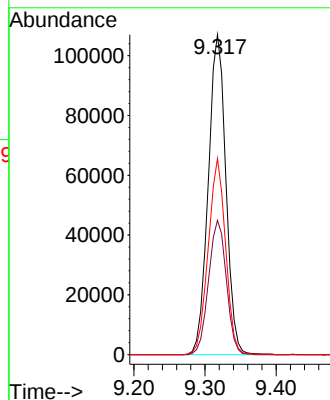
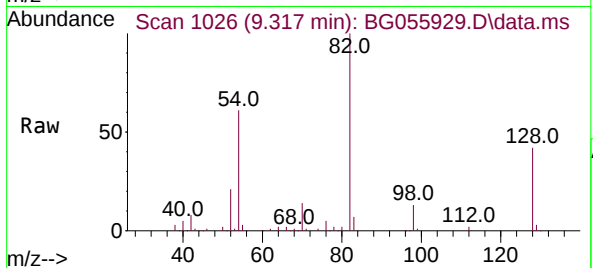
Tgt Ion: 82 Resp: 184248

Ion Ratio Lower Upper

82 100

128 42.0 34.1 51.1

54 61.3 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.776 min Scan# 1955

Delta R.T. -0.004 min

Lab File: BG055929.D

Acq: 8 Dec 2022 16:01

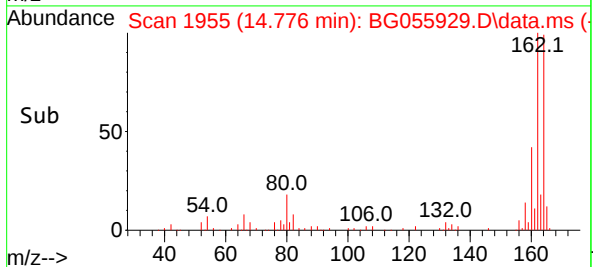
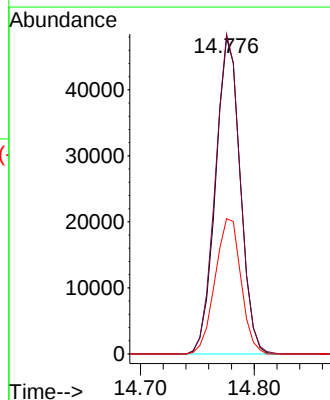
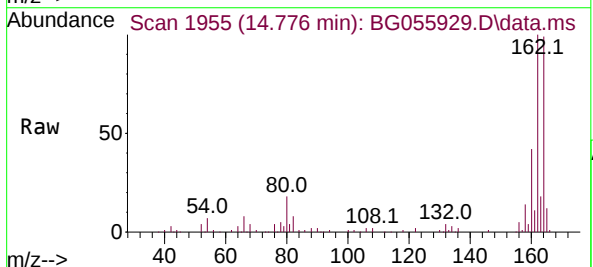
Tgt Ion:164 Resp: 72109

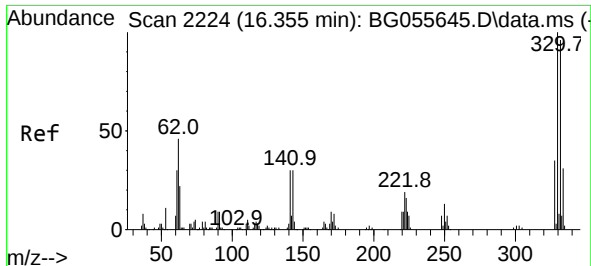
Ion Ratio Lower Upper

164 100

162 101.3 81.1 121.7

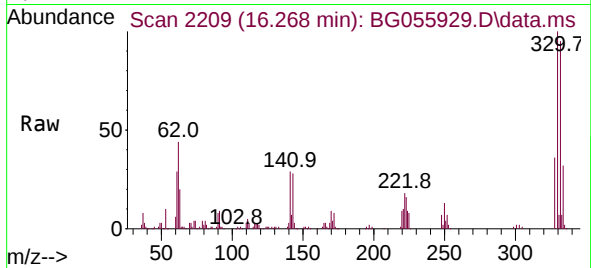
160 42.9 34.8 52.2



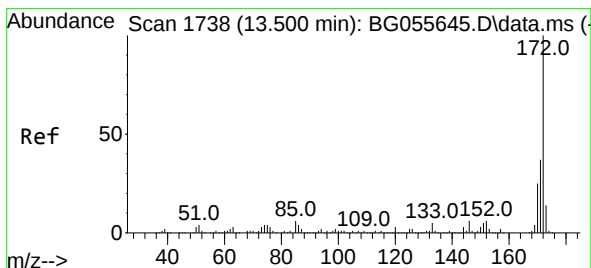
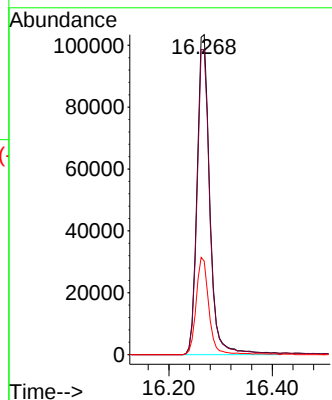
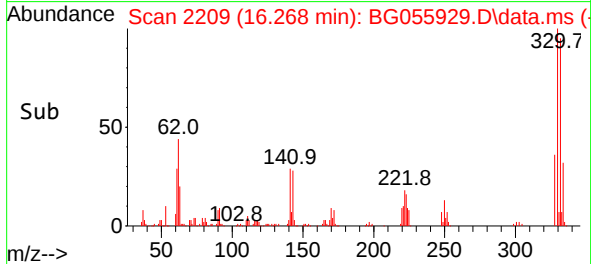


#42  
2,4,6-Tribromophenol  
Concen: 174.818 ng  
RT: 16.268 min Scan# 21  
Delta R.T. 0.002 min  
Lab File: BG055929.D  
Acq: 8 Dec 2022 16:01

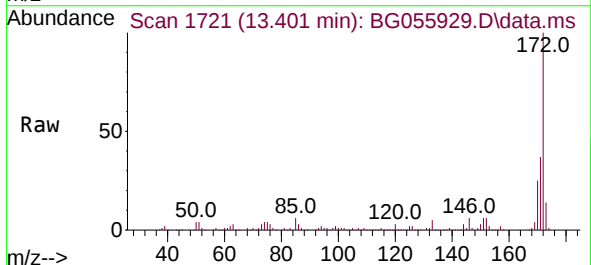
Instrument :  
BNA\_G  
ClientSampleId :  
COMPOSITE



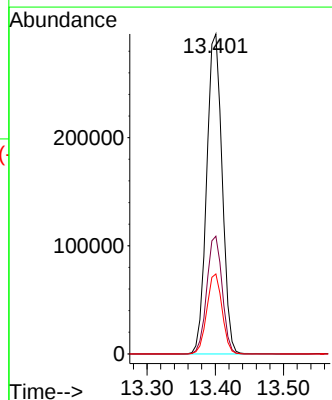
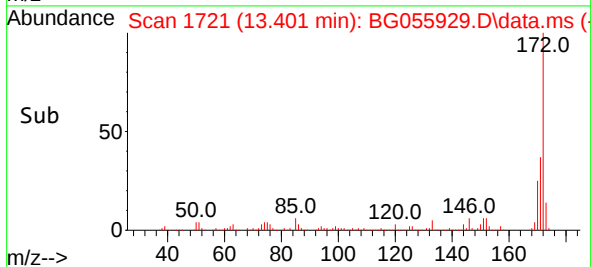
Tgt Ion:330 Resp: 177508  
Ion Ratio Lower Upper  
330 100  
332 95.3 77.8 116.8  
141 30.1 23.9 35.9

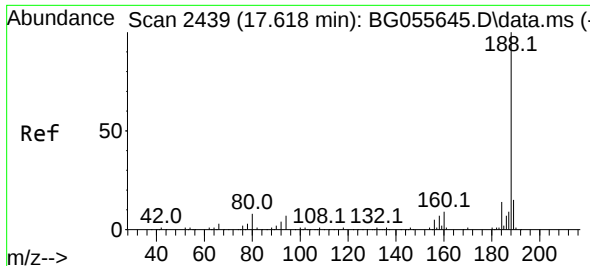


#45  
2-Fluorobiphenyl  
Concen: 96.742 ng  
RT: 13.401 min Scan# 1721  
Delta R.T. -0.004 min  
Lab File: BG055929.D  
Acq: 8 Dec 2022 16:01



Tgt Ion:172 Resp: 465647  
Ion Ratio Lower Upper  
172 100  
171 36.8 29.8 44.6  
170 25.0 20.2 30.4

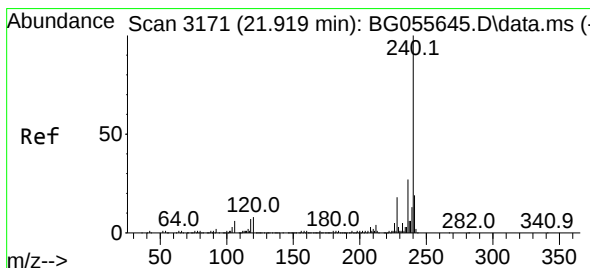
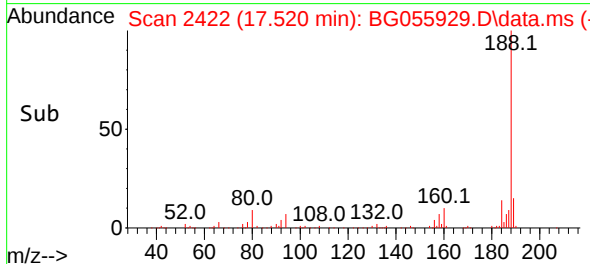
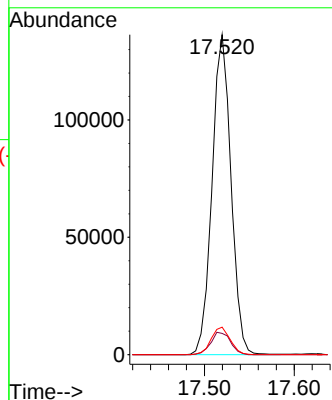
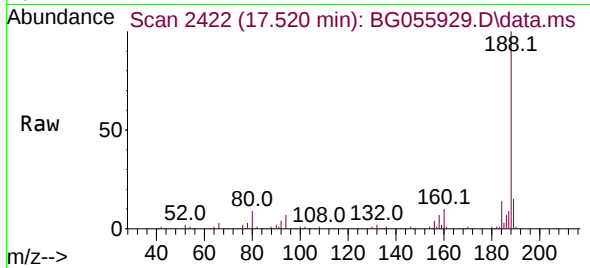




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.520 min Scan# 24  
Delta R.T. -0.004 min  
Lab File: BG055929.D  
Acq: 8 Dec 2022 16:01

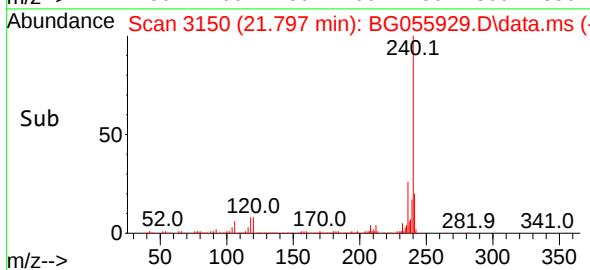
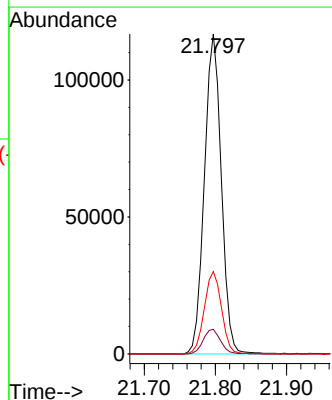
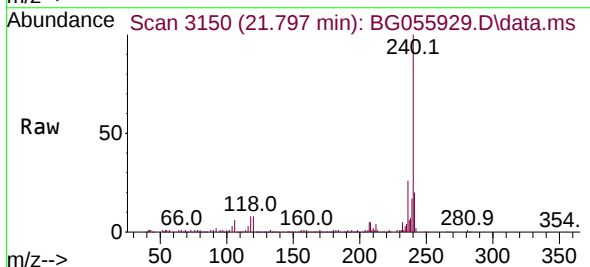
Instrument :  
BNA\_G  
ClientSampleId :  
COMPOSITE

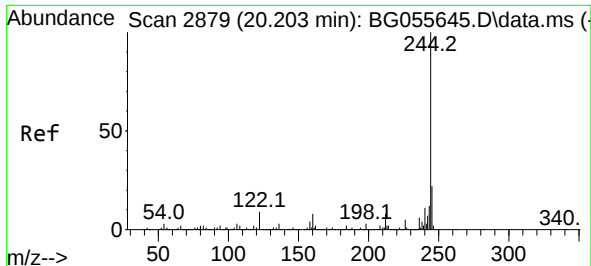
Tgt Ion:188 Resp: 199893  
Ion Ratio Lower Upper  
188 100  
94 6.6 5.4 8.2  
80 8.6 6.6 10.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.797 min Scan# 3150  
Delta R.T. -0.004 min  
Lab File: BG055929.D  
Acq: 8 Dec 2022 16:01

Tgt Ion:240 Resp: 192298  
Ion Ratio Lower Upper  
240 100  
120 7.7 6.3 9.5  
236 25.7 21.9 32.9

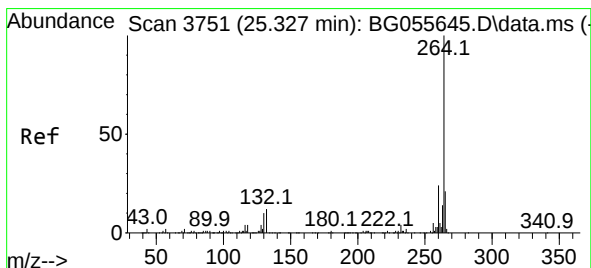
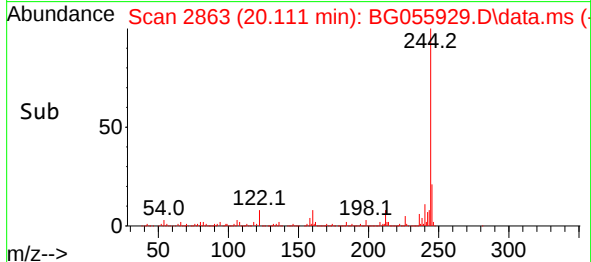
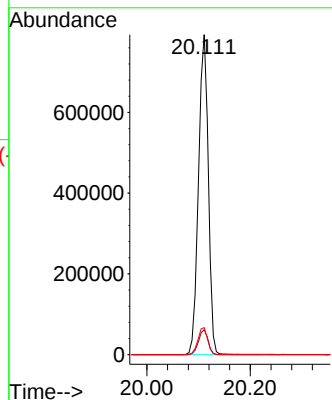
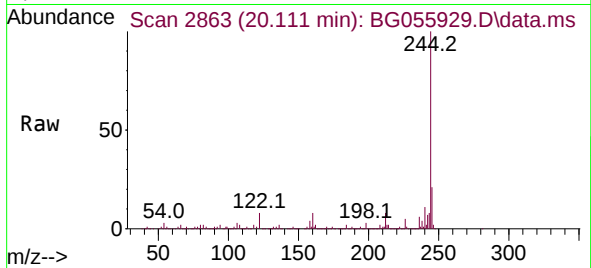




#79  
 Terphenyl-d14  
 Concen: 108.166 ng  
 RT: 20.111 min Scan# 2879  
 Delta R.T. 0.002 min  
 Lab File: BG055929.D  
 Acq: 8 Dec 2022 16:01

Instrument :  
 BNA\_G  
 ClientSampleId :  
 COMPOSITE

Tgt Ion:244 Resp: 1039935  
 Ion Ratio Lower Upper  
 244 100  
 212 7.8 6.3 9.5  
 122 8.4 6.9 10.3



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.128 min Scan# 3717  
 Delta R.T. -0.004 min  
 Lab File: BG055929.D  
 Acq: 8 Dec 2022 16:01

Tgt Ion:264 Resp: 215751  
 Ion Ratio Lower Upper  
 264 100  
 260 24.2 19.5 29.3  
 265 20.1 17.1 25.7

