

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111722\  
 Data File : BG055668.D  
 Acq On : 17 Nov 2022 16:31  
 Operator : CG/JU  
 Sample : PB149126BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB149126BL

Quant Time: Nov 18 03:14:58 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 17 02:02:46 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.252  | 152  | 32359    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.078 | 136  | 138776   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.874 | 164  | 106833   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.612 | 188  | 277469   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.913 | 240  | 268983   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 25.321 | 264  | 280568   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.779  | 112  | 280045   | 156.428 | ng    | 0.00     |
| 7) Phenol-d6                | 7.389  | 99   | 362258   | 152.011 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.422  | 82   | 224277   | 85.419  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.355 | 330  | 217486   | 144.572 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.499 | 172  | 592351   | 83.066  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.203 | 244  | 1204480  | 89.564  | ng    | 0.00     |

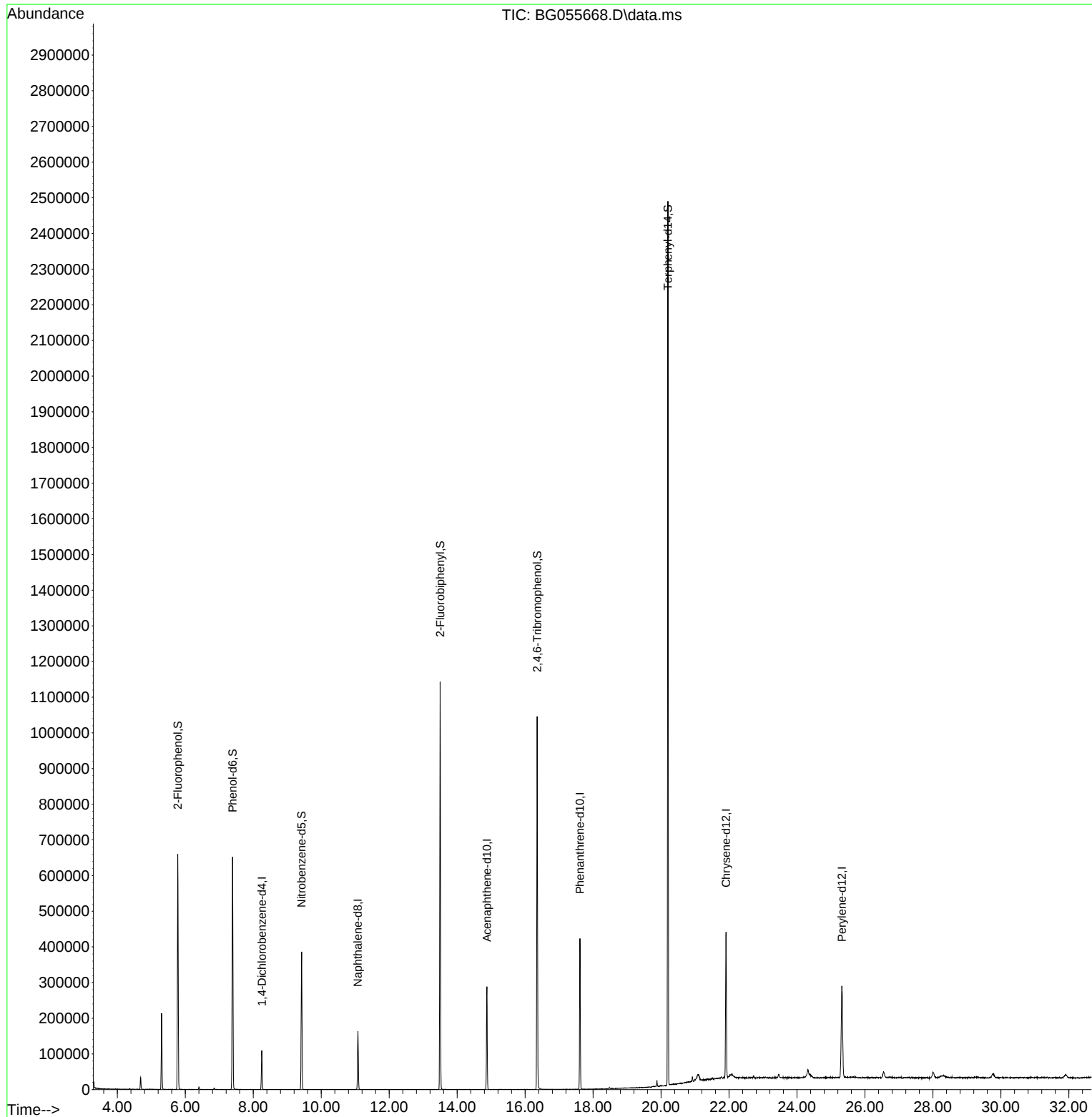
Target Compounds Qvalue

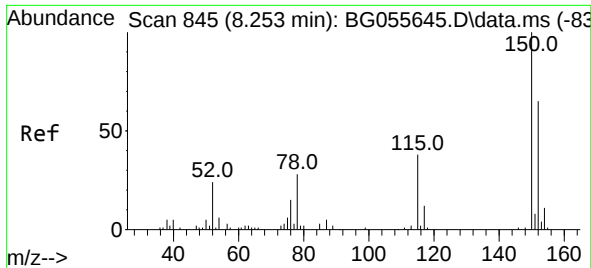
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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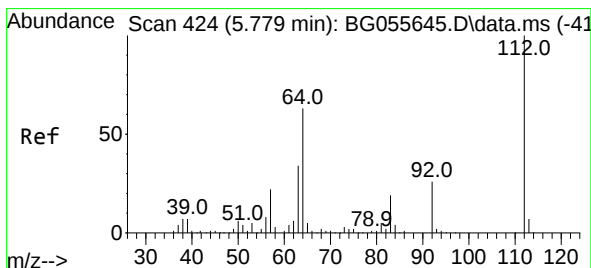
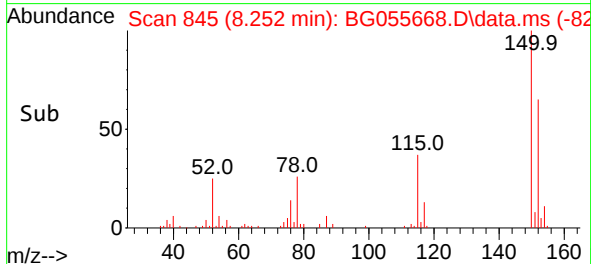
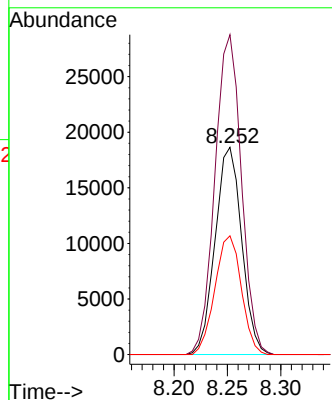
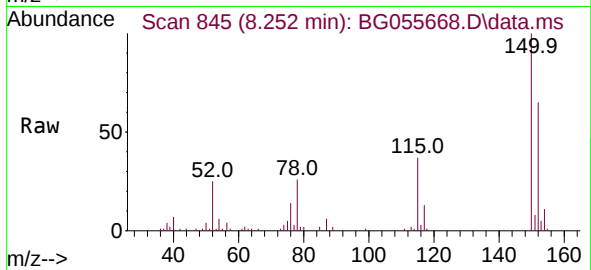




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.252 min Scan# 845  
Delta R.T. -0.001 min  
Lab File: BG055668.D  
Acq: 17 Nov 2022 16:31

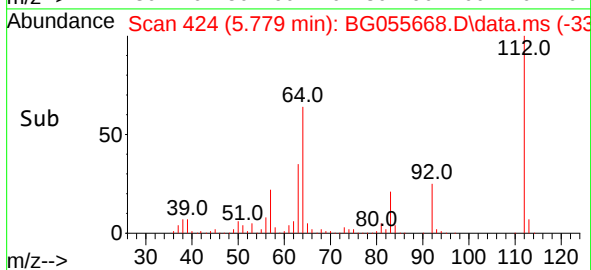
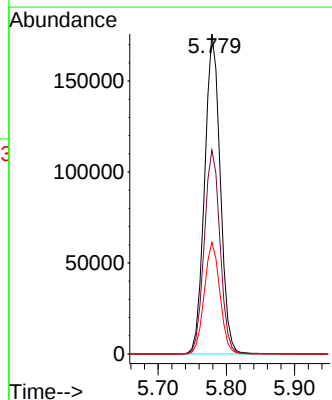
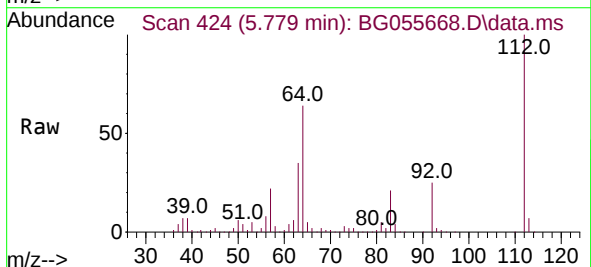
Instrument :  
BNA\_G  
ClientSampleId :  
PB149126BL

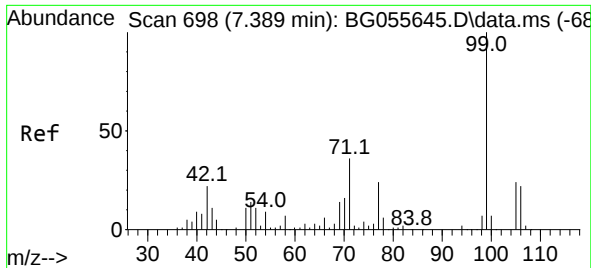
Tgt Ion:152 Resp: 32359  
Ion Ratio Lower Upper  
152 100  
150 154.4 123.0 184.6  
115 57.4 47.0 70.4



#5  
2-Fluorophenol  
Concen: 156.428 ng  
RT: 5.779 min Scan# 424  
Delta R.T. -0.000 min  
Lab File: BG055668.D  
Acq: 17 Nov 2022 16:31

Tgt Ion:112 Resp: 280045  
Ion Ratio Lower Upper  
112 100  
64 63.7 50.6 76.0  
63 34.9 27.5 41.3

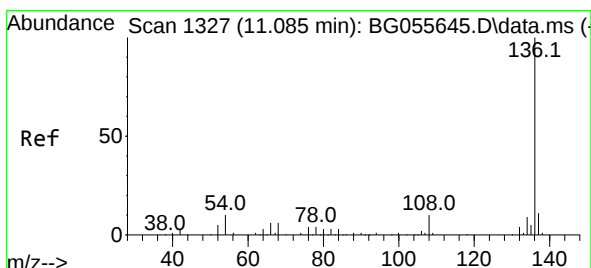
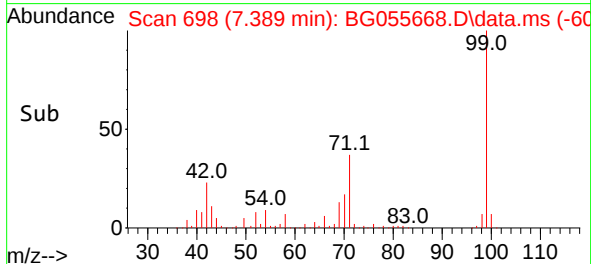
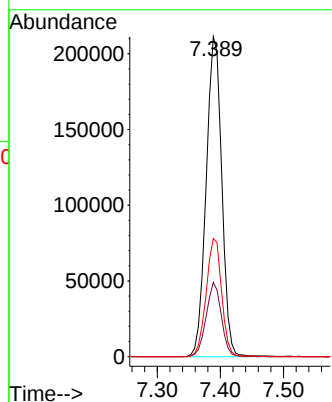
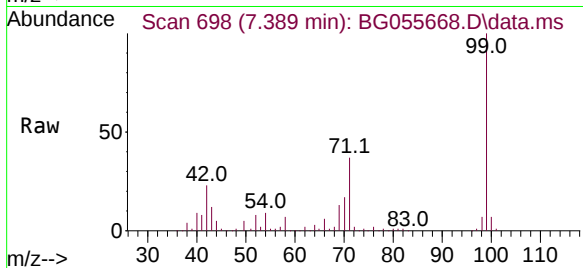




#7  
Phenol-d6  
Concen: 152.011 ng  
RT: 7.389 min Scan# 698  
Delta R.T. -0.000 min  
Lab File: BG055668.D  
Acq: 17 Nov 2022 16:31

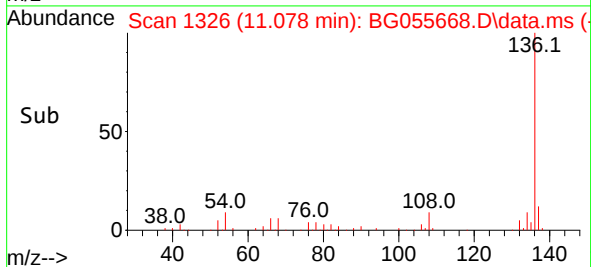
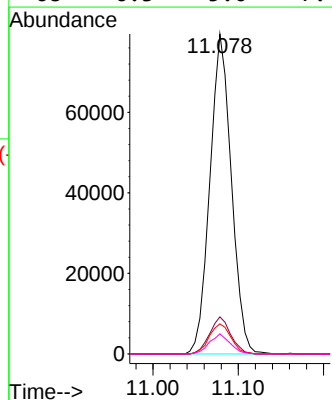
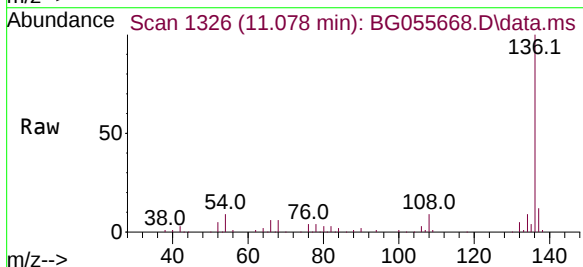
Instrument :  
BNA\_G  
ClientSampleId :  
PB149126BL

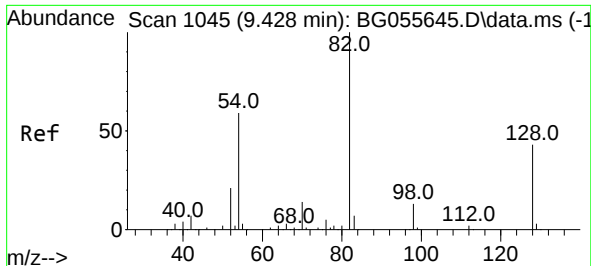
Tgt Ion: 99 Resp: 362258  
Ion Ratio Lower Upper  
99 100  
42 23.2 18.0 27.0  
71 36.9 29.0 43.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.078 min Scan# 1326  
Delta R.T. -0.006 min  
Lab File: BG055668.D  
Acq: 17 Nov 2022 16:31

Tgt Ion:136 Resp: 138776  
Ion Ratio Lower Upper  
136 100  
137 11.6 9.0 13.6  
54 9.4 7.8 11.6  
68 6.3 5.0 7.4





#23

Nitrobenzene-d5

Concen: 85.419 ng

RT: 9.422 min Scan# 1045

Delta R.T. -0.006 min

Lab File: BG055668.D

Acq: 17 Nov 2022 16:31

Instrument :

BNA\_G

ClientSampleId :

PB149126BL

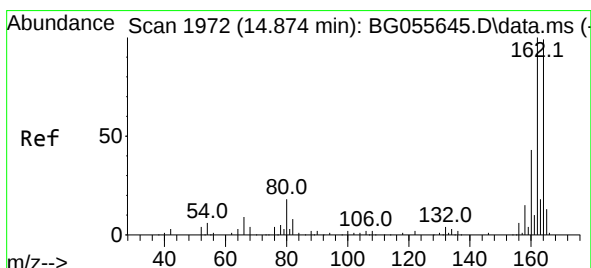
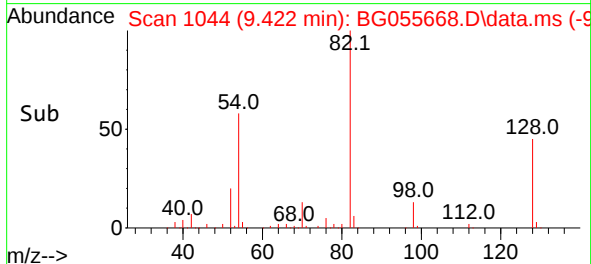
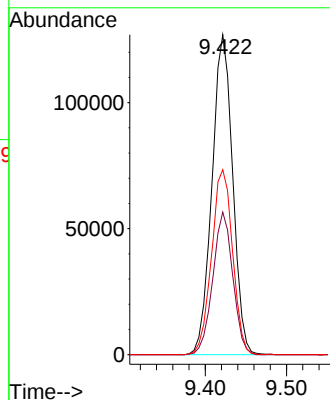
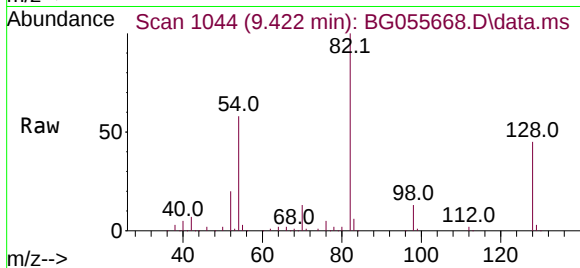
Tgt Ion: 82 Resp: 224277

Ion Ratio Lower Upper

82 100

128 44.5 34.1 51.1

54 57.8 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.874 min Scan# 1972

Delta R.T. -0.000 min

Lab File: BG055668.D

Acq: 17 Nov 2022 16:31

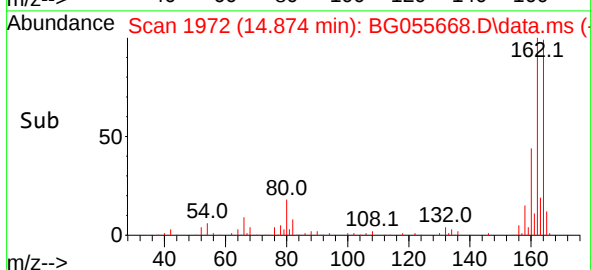
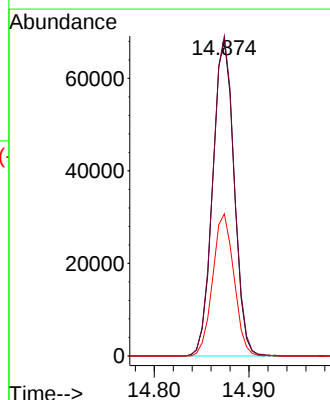
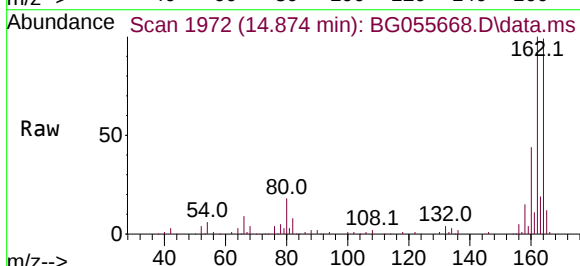
Tgt Ion: 164 Resp: 106833

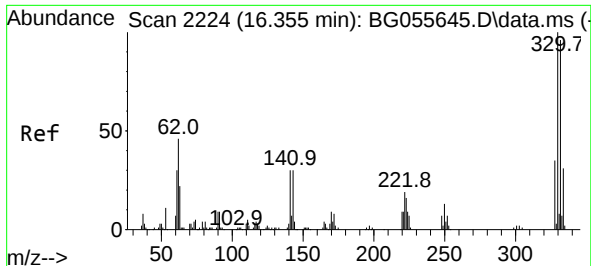
Ion Ratio Lower Upper

164 100

162 101.1 81.1 121.7

160 44.9 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 144.572 ng

RT: 16.355 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG055668.D

Acq: 17 Nov 2022 16:31

Instrument :

BNA\_G

ClientSampleId :

PB149126BL

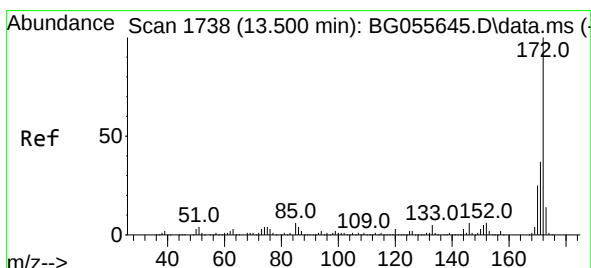
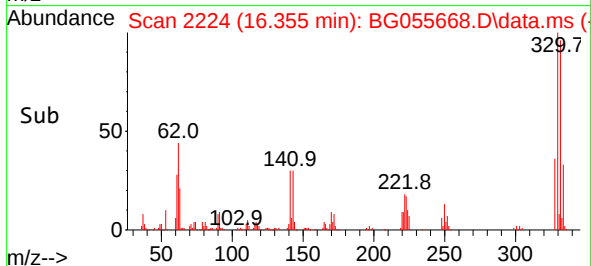
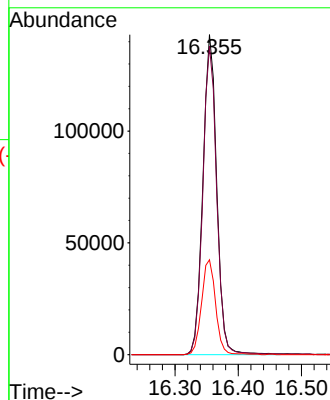
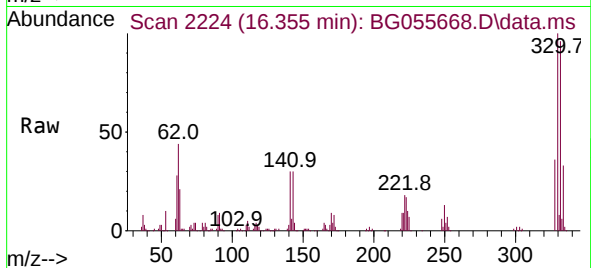
Tgt Ion:330 Resp: 217486

Ion Ratio Lower Upper

330 100

332 96.5 77.8 116.8

141 30.1 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 83.066 ng

RT: 13.499 min Scan# 1738

Delta R.T. -0.000 min

Lab File: BG055668.D

Acq: 17 Nov 2022 16:31

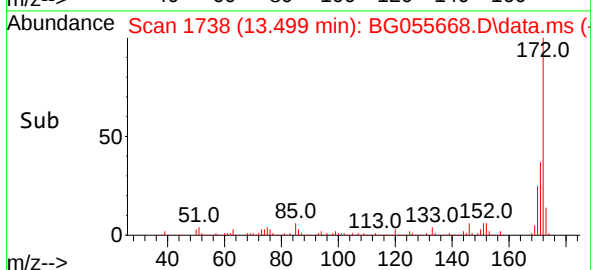
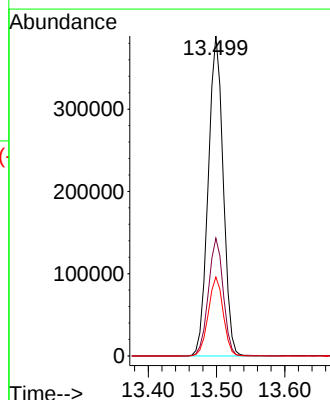
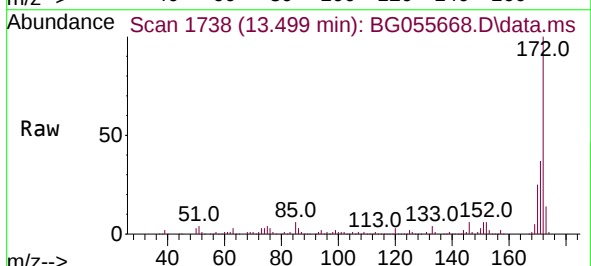
Tgt Ion:172 Resp: 592351

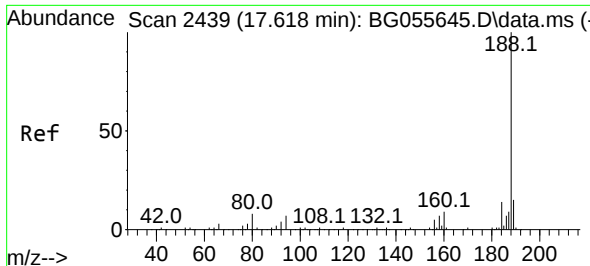
Ion Ratio Lower Upper

172 100

171 36.8 29.8 44.6

170 24.6 20.2 30.4

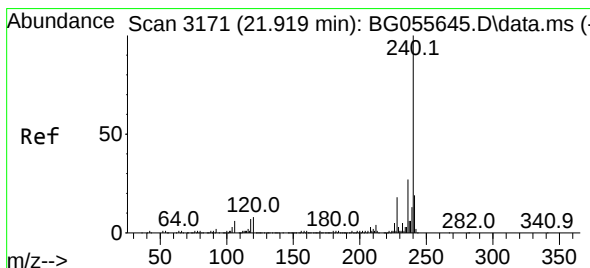
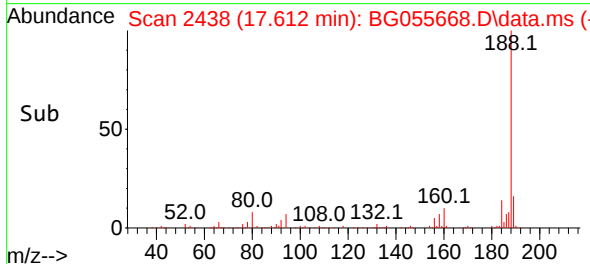
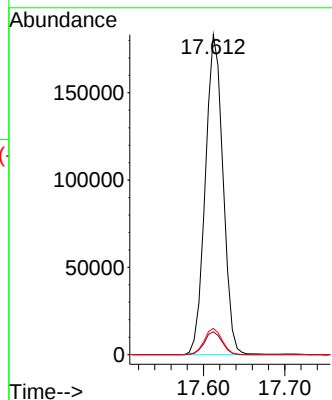
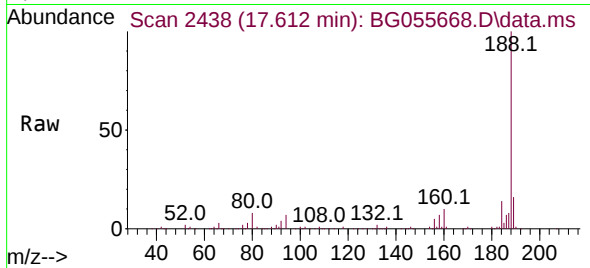




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.612 min Scan# 2439  
Delta R.T. -0.006 min  
Lab File: BG055668.D  
Acq: 17 Nov 2022 16:31

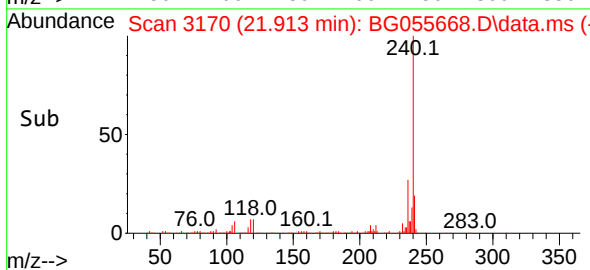
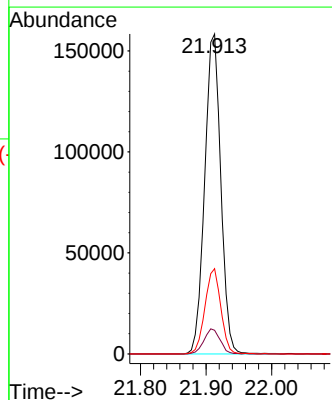
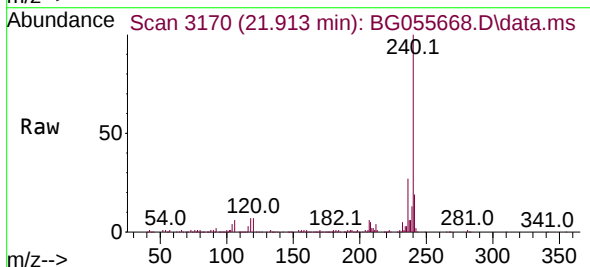
Instrument :  
BNA\_G  
ClientSampleId :  
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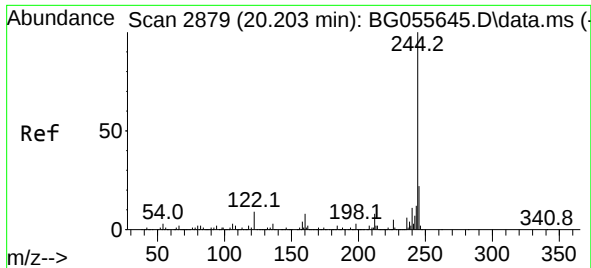
Tgt Ion:188 Resp: 277469  
Ion Ratio Lower Upper  
188 100  
94 7.1 5.4 8.2  
80 8.2 6.6 10.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.913 min Scan# 3170  
Delta R.T. -0.006 min  
Lab File: BG055668.D  
Acq: 17 Nov 2022 16:31

Tgt Ion:240 Resp: 268983  
Ion Ratio Lower Upper  
240 100  
120 7.4 6.3 9.5  
236 26.6 21.9 32.9

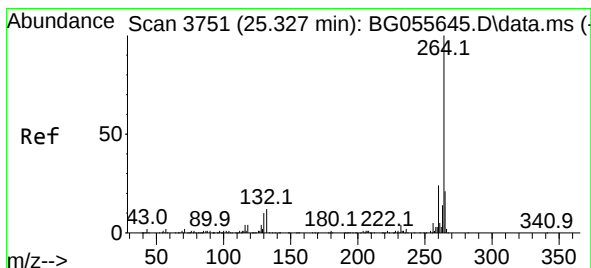
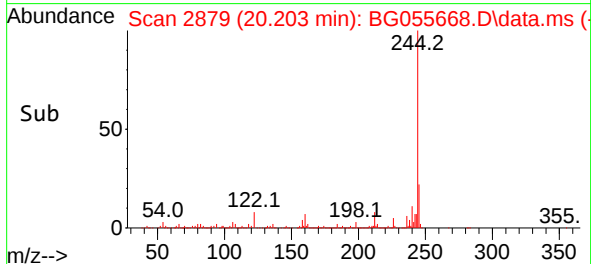
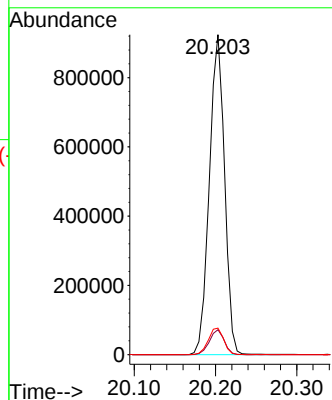
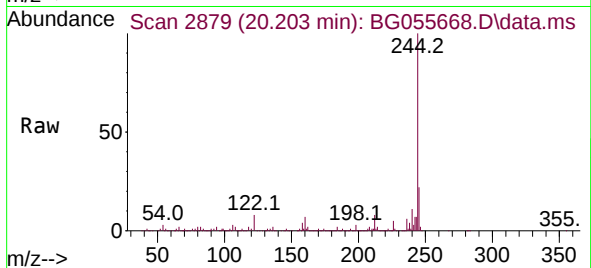




#79  
 Terphenyl-d14  
 Concen: 89.564 ng  
 RT: 20.203 min Scan# 2879  
 Delta R.T. -0.000 min  
 Lab File: BG055668.D  
 Acq: 17 Nov 2022 16:31

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB149126BL

Tgt Ion:244 Resp: 1204480  
 Ion Ratio Lower Upper  
 244 100  
 212 7.8 6.3 9.5  
 122 8.3 6.9 10.3



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.321 min Scan# 3750  
 Delta R.T. -0.006 min  
 Lab File: BG055668.D  
 Acq: 17 Nov 2022 16:31

Tgt Ion:264 Resp: 280568  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 19.5 29.3  
 265 22.0 17.1 25.7

