

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG112222\  
 Data File : BG055742.D  
 Acq On : 22 Nov 2022 16:26  
 Operator : CG/JU  
 Sample : PB149238BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB149238BL

Quant Time: Nov 23 01:39:10 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 23 01:35:20 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.246  | 152  | 35517    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.072 | 136  | 153573   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.867 | 164  | 115983   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.611 | 188  | 293814   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.906 | 240  | 277044   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 25.314 | 264  | 289267   | 20.000  | ng    | 0.01     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.772  | 112  | 303454   | 154.433 | ng    | 0.00     |
| 7) Phenol-d6                | 7.388  | 99   | 388221   | 148.421 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.415  | 82   | 244071   | 84.001  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.354 | 330  | 222517   | 136.247 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.493 | 172  | 634125   | 81.908  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.197 | 244  | 1211418  | 87.459  | ng    | 0.00     |

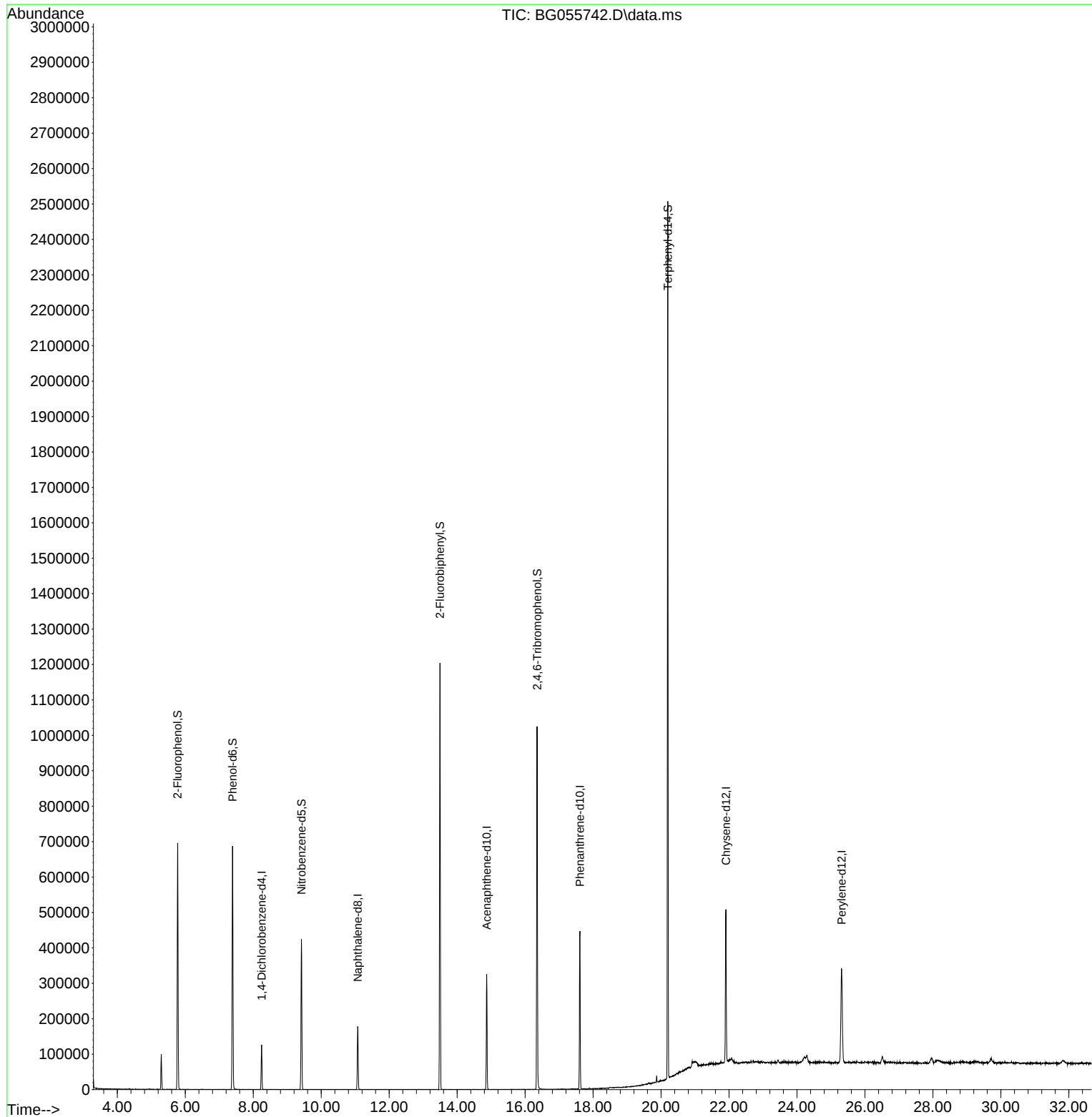
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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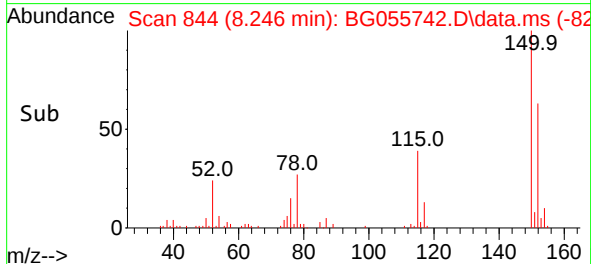
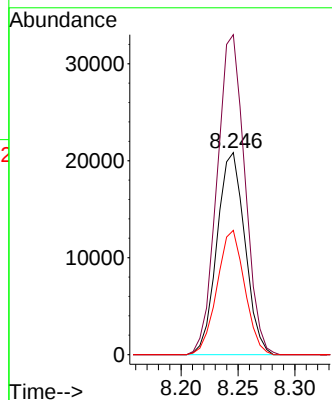
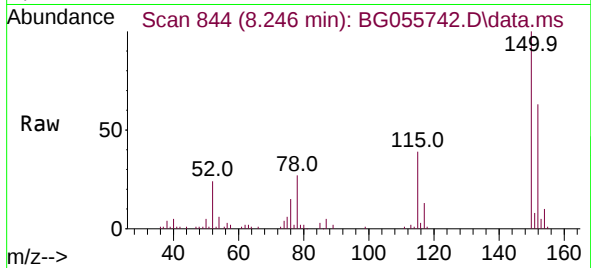




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.246 min Scan# 84  
Delta R.T. -0.000 min  
Lab File: BG055742.D  
Acq: 22 Nov 2022 16:26

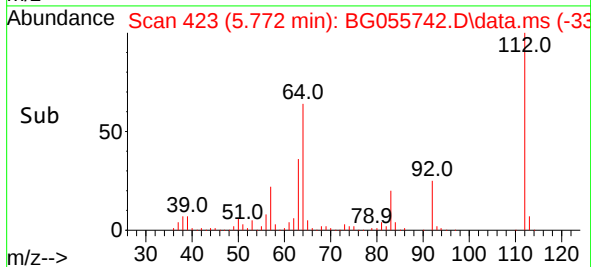
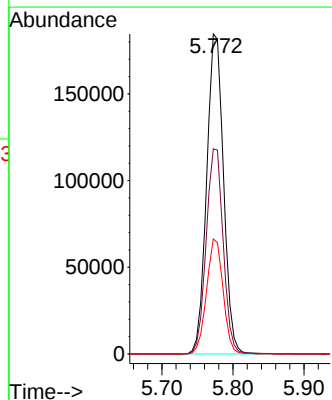
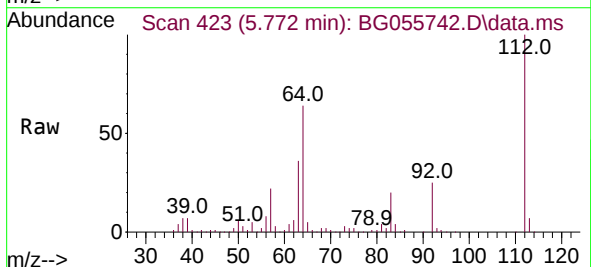
Instrument :  
BNA\_G  
ClientSampleId :  
PB149238BL

Tgt Ion:152 Resp: 35517  
Ion Ratio Lower Upper  
152 100  
150 158.4 123.0 184.6  
115 61.5 47.0 70.4



#5  
2-Fluorophenol  
Concen: 154.433 ng  
RT: 5.772 min Scan# 423  
Delta R.T. -0.000 min  
Lab File: BG055742.D  
Acq: 22 Nov 2022 16:26

Tgt Ion:112 Resp: 303454  
Ion Ratio Lower Upper  
112 100  
64 64.1 50.6 76.0  
63 35.9 27.5 41.3

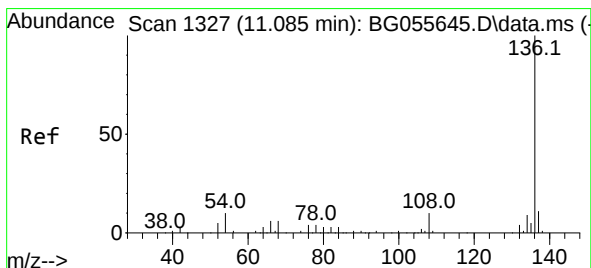
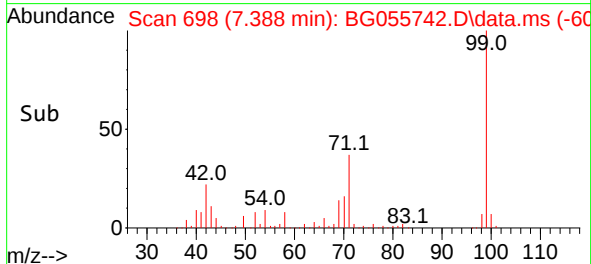
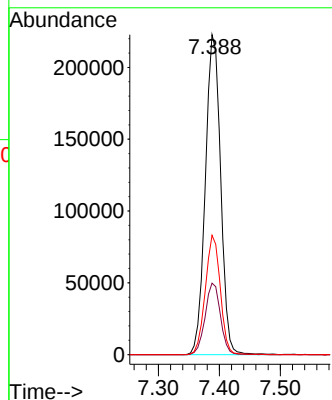
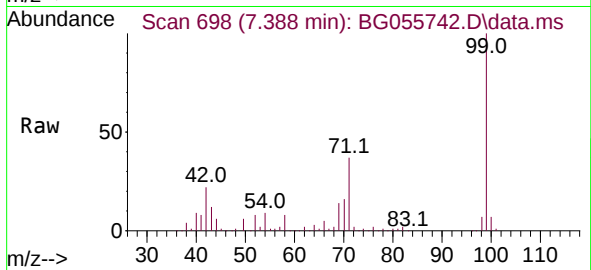




#7  
Phenol-d6  
Concen: 148.421 ng  
RT: 7.388 min Scan# 69  
Delta R.T. -0.000 min  
Lab File: BG055742.D  
Acq: 22 Nov 2022 16:26

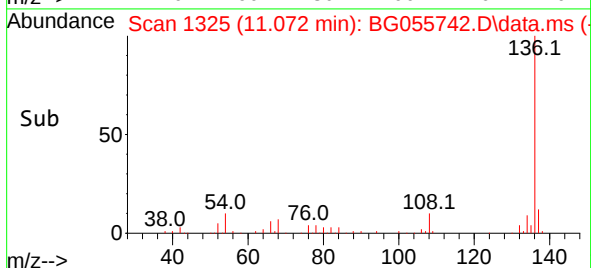
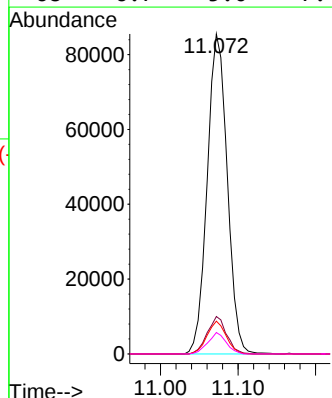
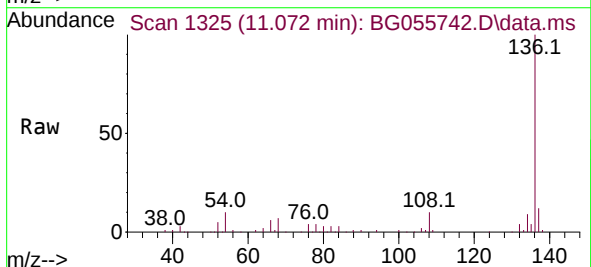
Instrument :  
BNA\_G  
ClientSampleId :  
PB149238BL

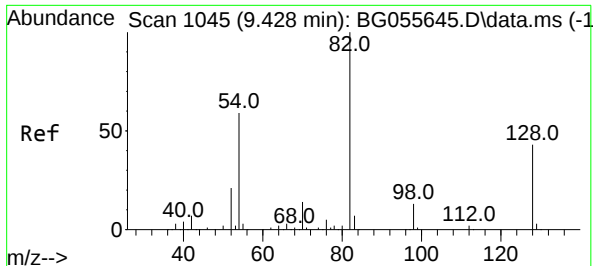
Tgt Ion: 99 Resp: 388221  
Ion Ratio Lower Upper  
99 100  
42 22.3 18.0 27.0  
71 37.3 29.0 43.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.072 min Scan# 1325  
Delta R.T. -0.000 min  
Lab File: BG055742.D  
Acq: 22 Nov 2022 16:26

Tgt Ion: 136 Resp: 153573  
Ion Ratio Lower Upper  
136 100  
137 11.7 9.0 13.6  
54 10.2 7.8 11.6  
68 6.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 84.001 ng

RT: 9.415 min Scan# 1043

Delta R.T. -0.000 min

Lab File: BG055742.D

Acq: 22 Nov 2022 16:26

Instrument :

BNA\_G

ClientSampleId :

PB149238BL

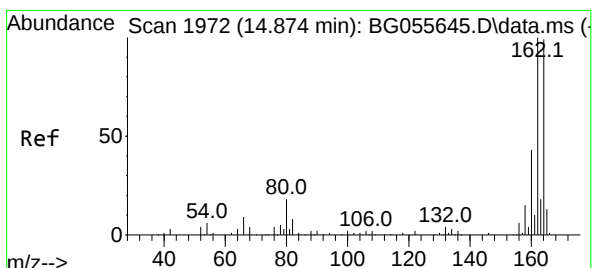
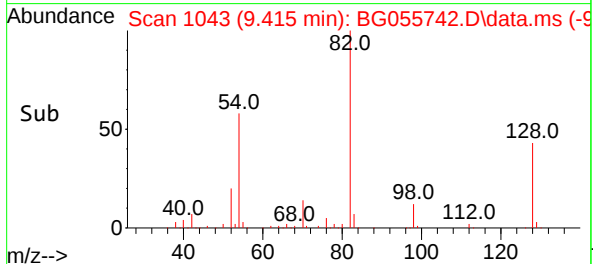
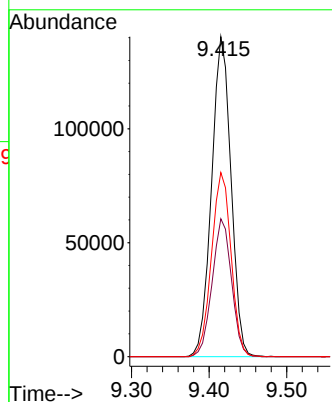
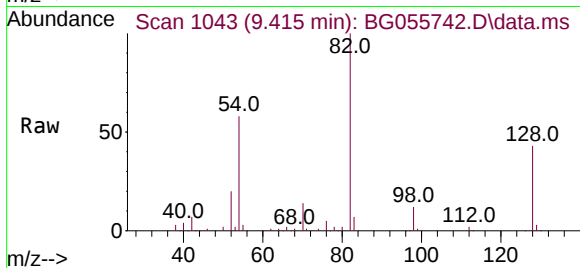
Tgt Ion: 82 Resp: 244071

Ion Ratio Lower Upper

82 100

128 43.1 34.1 51.1

54 57.5 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.867 min Scan# 1971

Delta R.T. -0.000 min

Lab File: BG055742.D

Acq: 22 Nov 2022 16:26

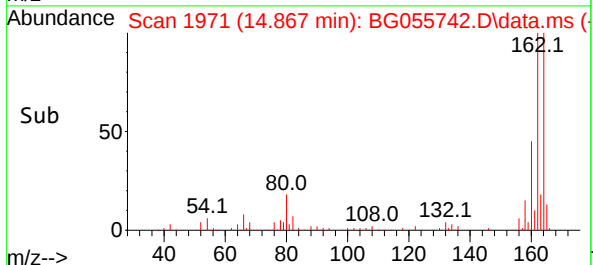
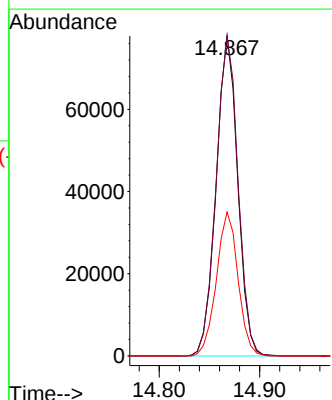
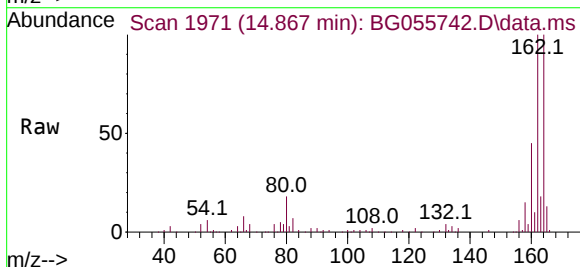
Tgt Ion: 164 Resp: 115983

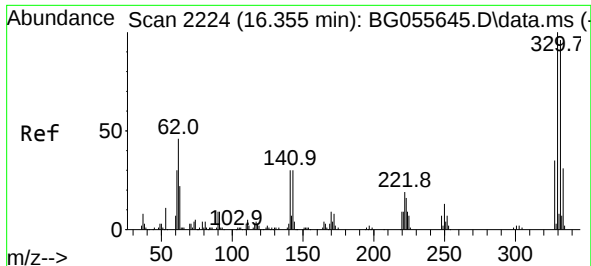
Ion Ratio Lower Upper

164 100

162 100.1 81.1 121.7

160 45.0 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 136.247 ng

RT: 16.354 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG055742.D

Acq: 22 Nov 2022 16:26

Instrument :

BNA\_G

ClientSampleId :

PB149238BL

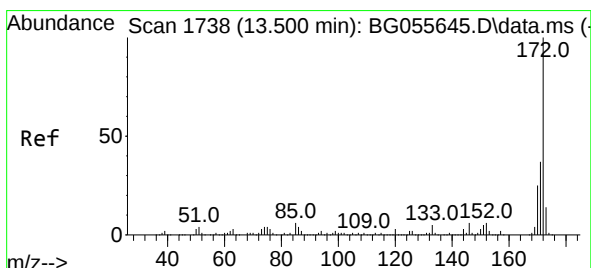
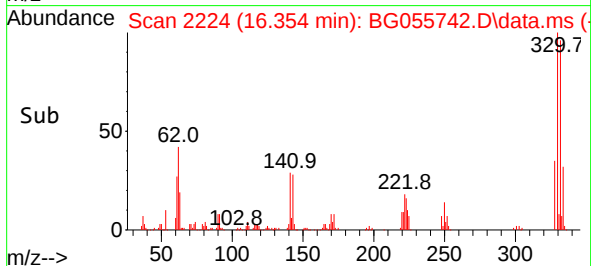
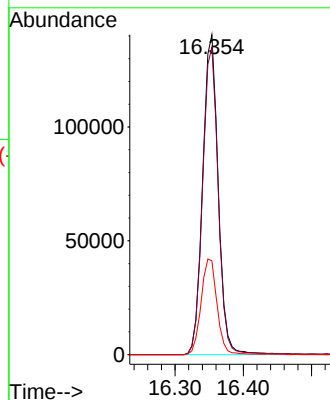
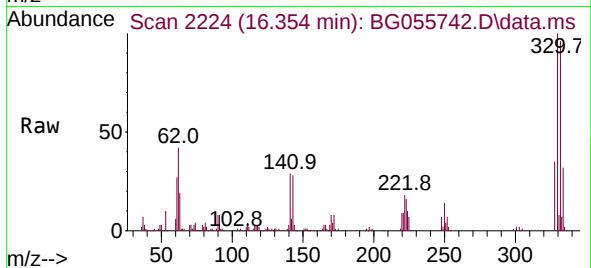
Tgt Ion:330 Resp: 222517

Ion Ratio Lower Upper

330 100

332 96.8 77.8 116.8

141 30.7 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 81.908 ng

RT: 13.493 min Scan# 1737

Delta R.T. -0.000 min

Lab File: BG055742.D

Acq: 22 Nov 2022 16:26

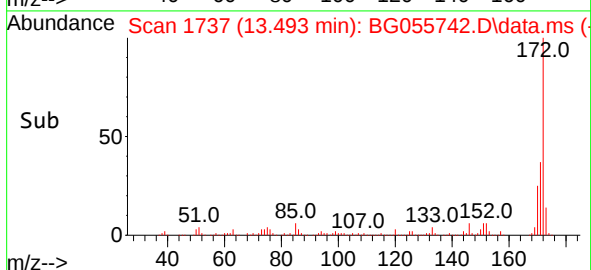
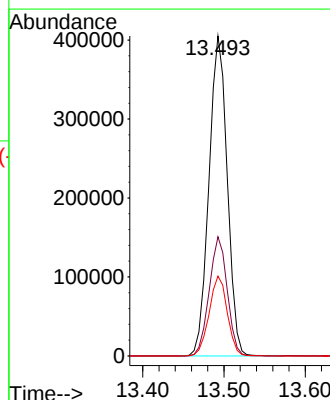
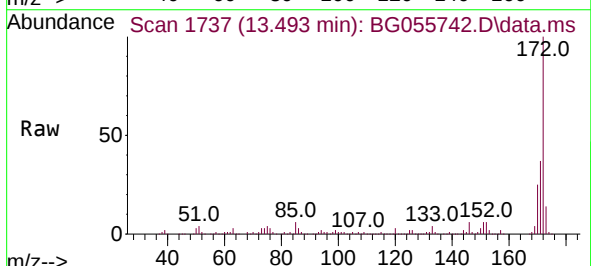
Tgt Ion:172 Resp: 634125

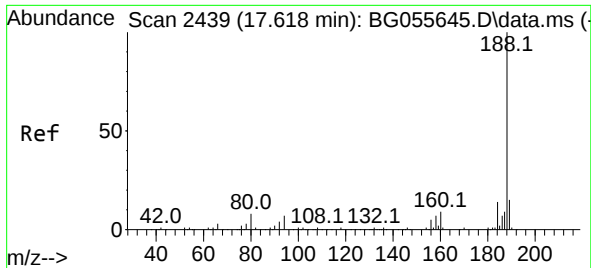
Ion Ratio Lower Upper

172 100

171 37.2 29.8 44.6

170 24.9 20.2 30.4

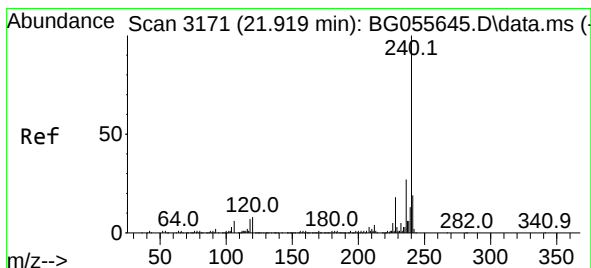
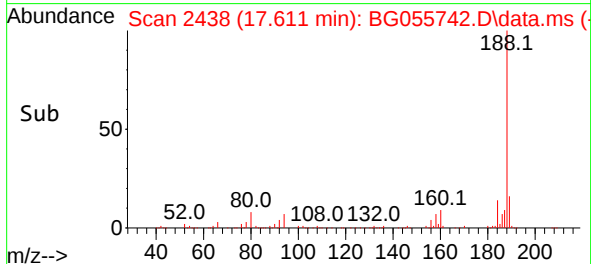
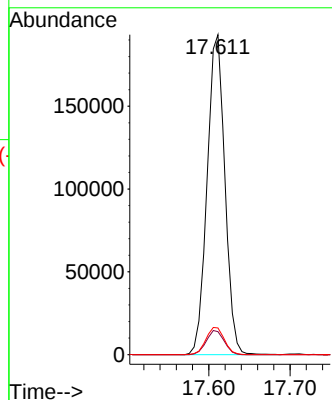
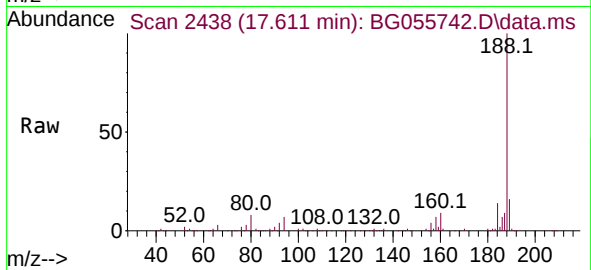




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.611 min Scan# 2439  
Delta R.T. 0.006 min  
Lab File: BG055742.D  
Acq: 22 Nov 2022 16:26

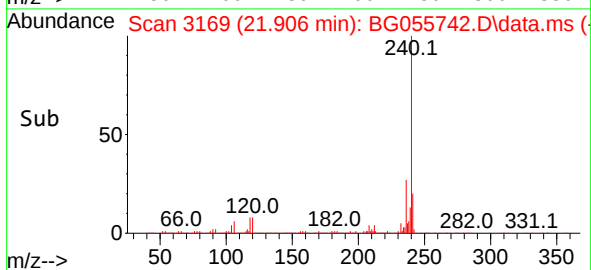
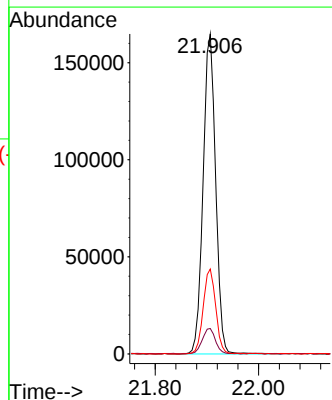
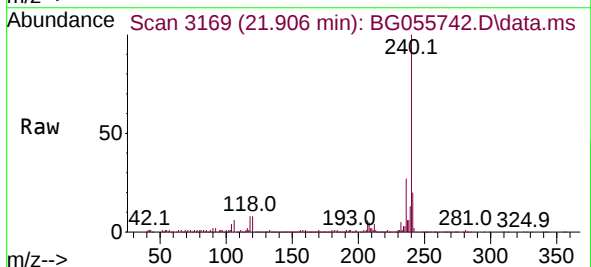
Instrument :  
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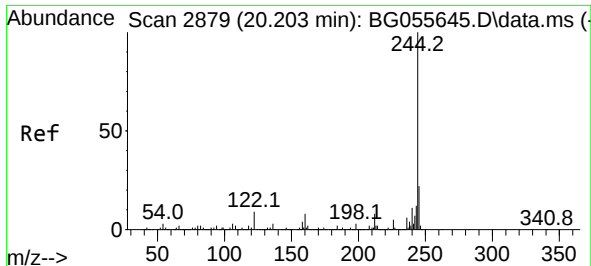
Tgt Ion:188 Resp: 293814  
Ion Ratio Lower Upper  
188 100  
94 7.2 5.4 8.2  
80 8.3 6.6 10.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.906 min Scan# 3169  
Delta R.T. -0.000 min  
Lab File: BG055742.D  
Acq: 22 Nov 2022 16:26

Tgt Ion:240 Resp: 277044  
Ion Ratio Lower Upper  
240 100  
120 7.9 6.3 9.5  
236 26.5 21.9 32.9

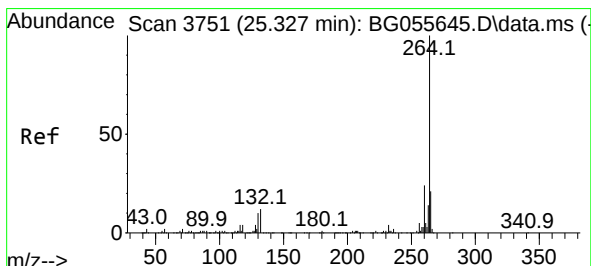
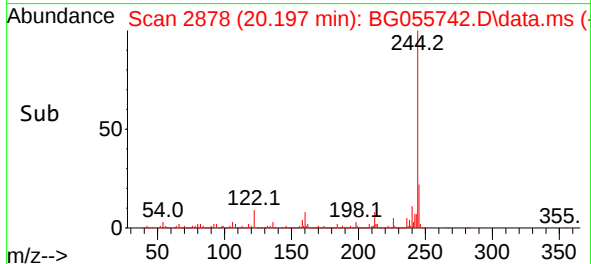
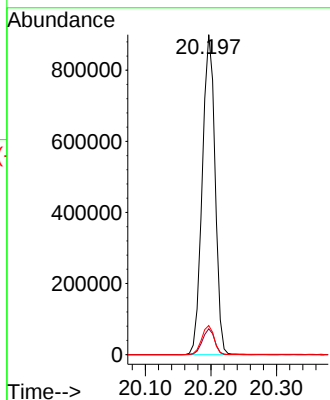
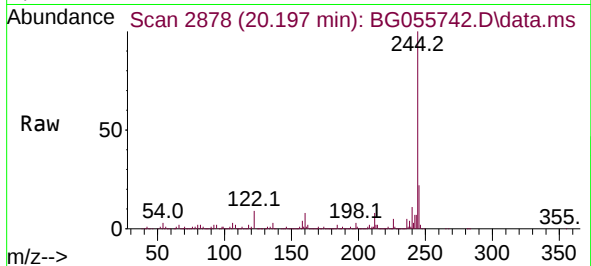




#79  
 Terphenyl-d14  
 Concen: 87.459 ng  
 RT: 20.197 min Scan# 2879  
 Delta R.T. 0.006 min  
 Lab File: BG055742.D  
 Acq: 22 Nov 2022 16:26

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB149238BL

Tgt Ion:244 Resp: 1211418  
 Ion Ratio Lower Upper  
 244 100  
 212 8.1 6.3 9.5  
 122 9.1 6.9 10.3



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.314 min Scan# 3749  
 Delta R.T. 0.012 min  
 Lab File: BG055742.D  
 Acq: 22 Nov 2022 16:26

Tgt Ion:264 Resp: 289267  
 Ion Ratio Lower Upper  
 264 100  
 260 24.6 19.5 29.3  
 265 21.4 17.1 25.7

