

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG101022\  
 Data File : BG055111.D  
 Acq On : 10 Oct 2022 13:43  
 Operator : CG/JU  
 Sample : PB148187BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB148187BL

Quant Time: Oct 11 04:03:15 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100322.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Oct 08 03:04:59 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.332  | 152  | 28033    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.158 | 136  | 121071   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.936 | 164  | 91763    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.668 | 188  | 253927   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.963 | 240  | 272180   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 25.406 | 264  | 282299   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.847  | 112  | 208874   | 165.497 | ng    | 0.00     |
| 7) Phenol-d6                | 7.457  | 99   | 276592   | 146.266 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.502  | 82   | 172107   | 84.943  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.411 | 330  | 161088   | 167.045 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.567 | 172  | 446985   | 76.044  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.248 | 244  | 1084203  | 80.512  | ng    | 0.00     |

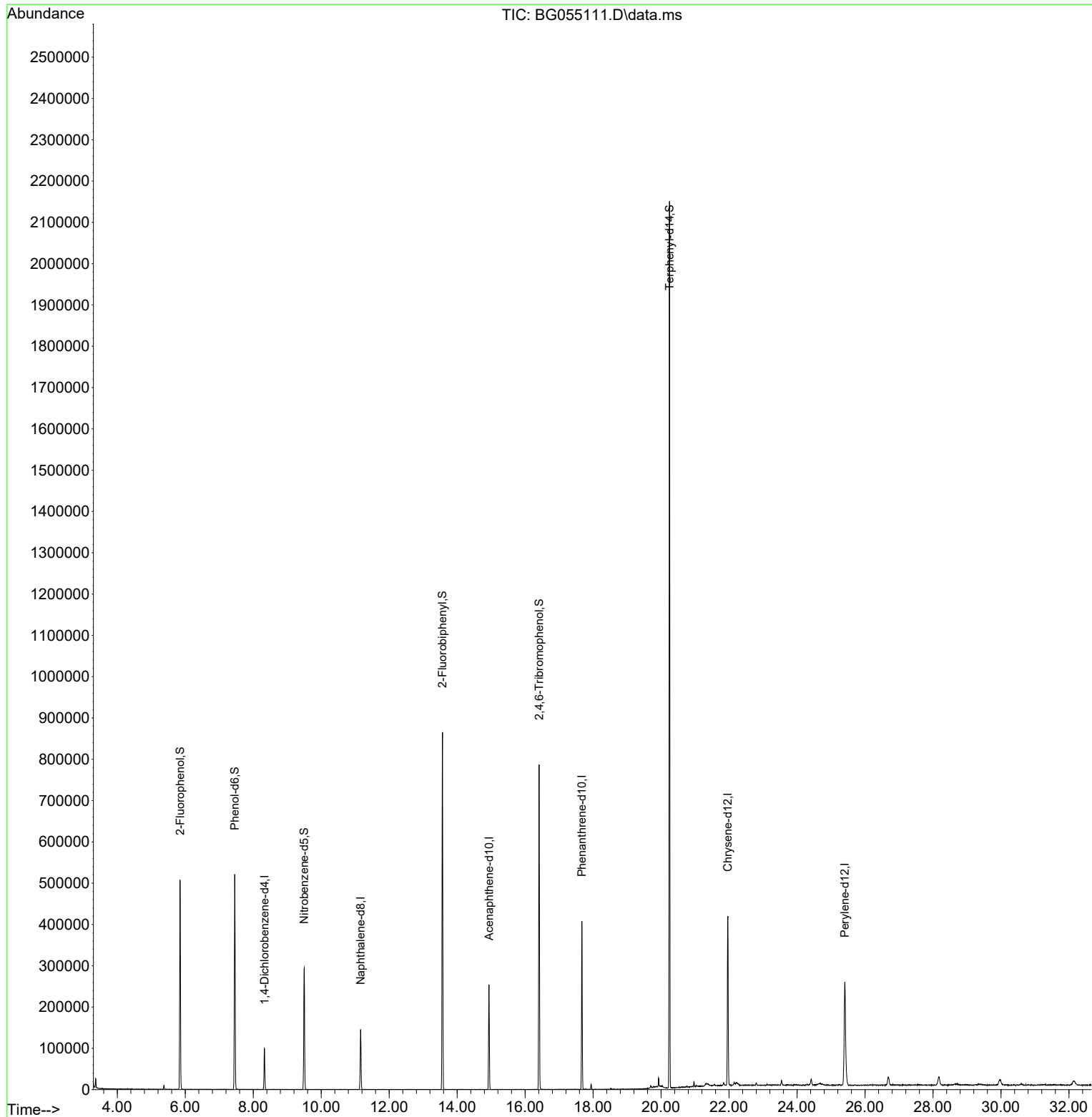
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

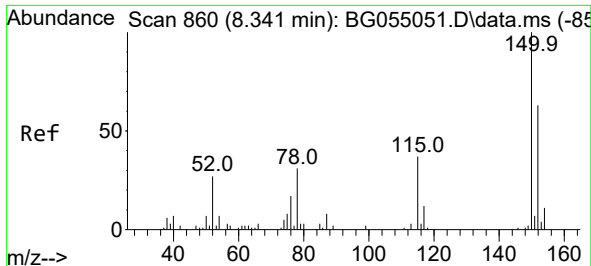
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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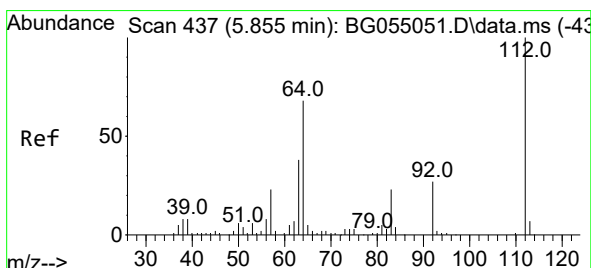
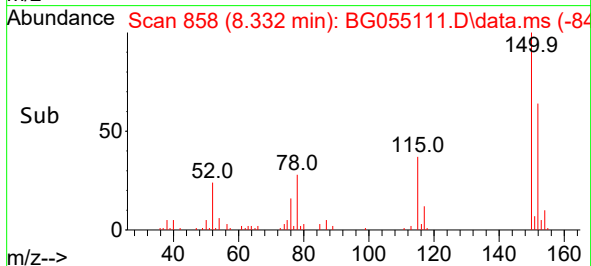
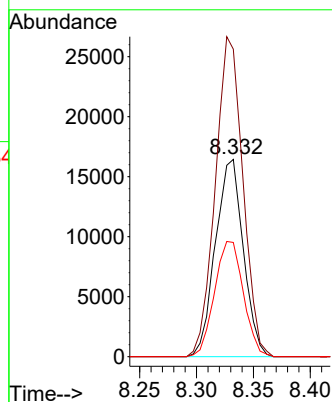
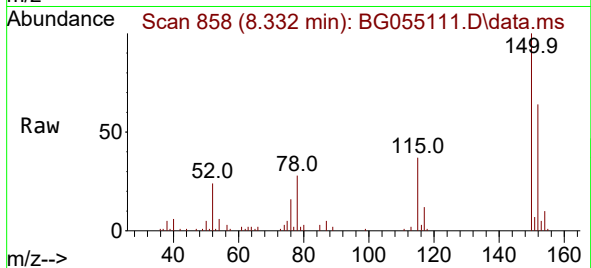




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.332 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BG055111.D  
Acq: 10 Oct 2022 13:43

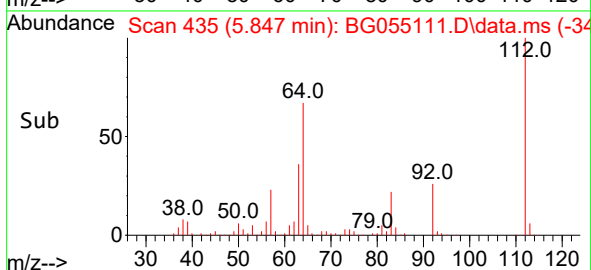
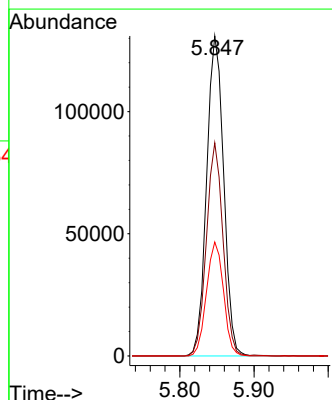
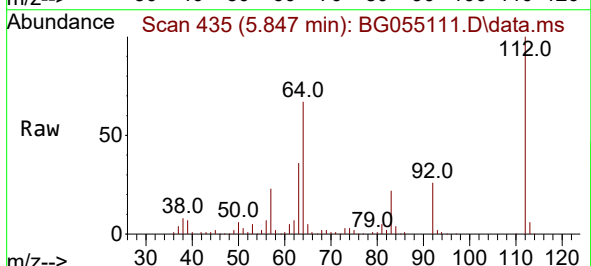
Instrument :  
BNA\_G  
ClientSampleId :  
PB148187BL

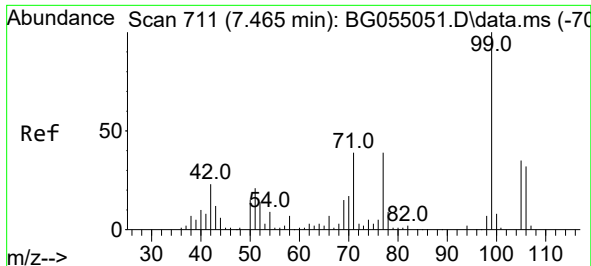
Tgt Ion:152 Resp: 28033  
Ion Ratio Lower Upper  
152 100  
150 155.8 128.0 192.0  
115 57.9 47.7 71.5



#5  
2-Fluorophenol  
Concen: 165.497 ng  
RT: 5.847 min Scan# 435  
Delta R.T. -0.005 min  
Lab File: BG055111.D  
Acq: 10 Oct 2022 13:43

Tgt Ion:112 Resp: 208874  
Ion Ratio Lower Upper  
112 100  
64 66.6 54.5 81.7  
63 35.6 30.5 45.7

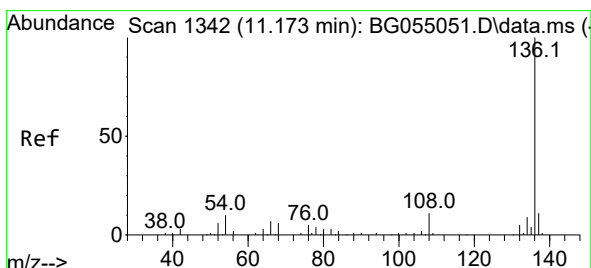
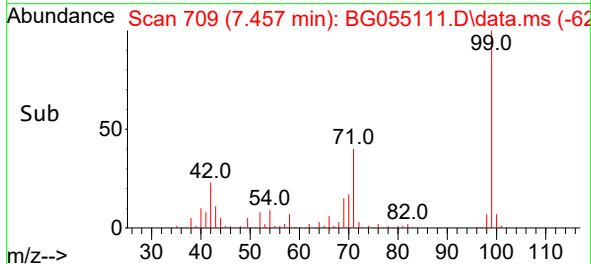
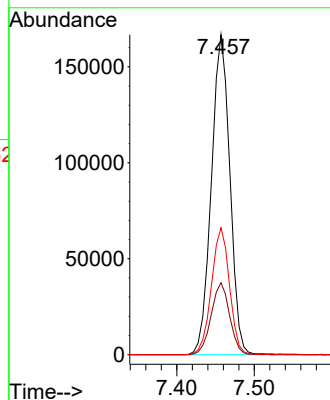
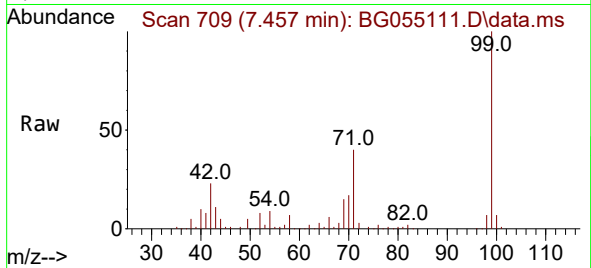




#7  
Phenol-d6  
Concen: 146.266 ng  
RT: 7.457 min Scan# 709  
Delta R.T. -0.005 min  
Lab File: BG055111.D  
Acq: 10 Oct 2022 13:43

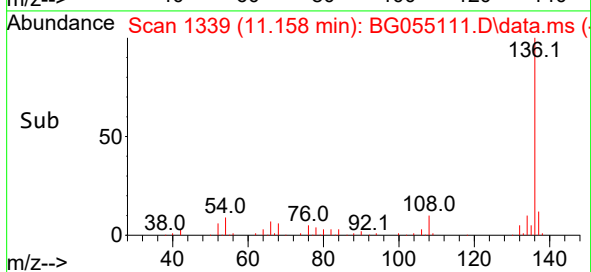
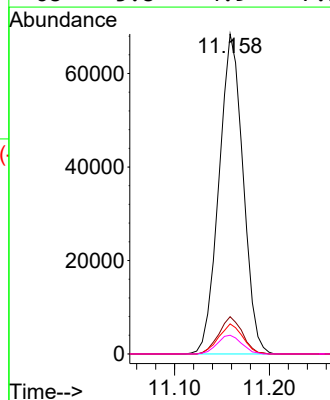
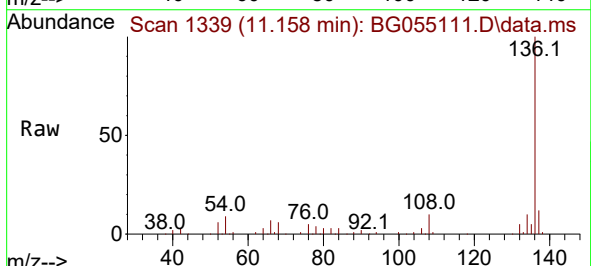
Instrument :  
BNA\_G  
ClientSampleId :  
PB148187BL

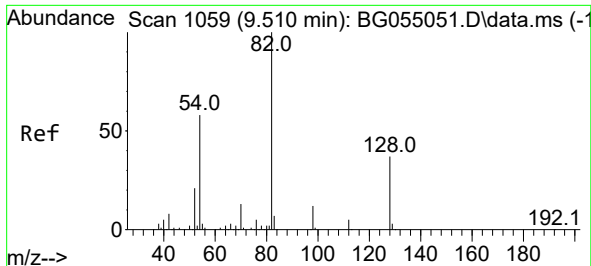
Tgt Ion: 99 Resp: 276592  
Ion Ratio Lower Upper  
99 100  
42 22.5 18.6 28.0  
71 39.7 31.2 46.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.158 min Scan# 1339  
Delta R.T. -0.011 min  
Lab File: BG055111.D  
Acq: 10 Oct 2022 13:43

Tgt Ion: 136 Resp: 121071  
Ion Ratio Lower Upper  
136 100  
137 11.7 8.7 13.1  
54 9.4 8.2 12.4  
68 5.8 4.9 7.3

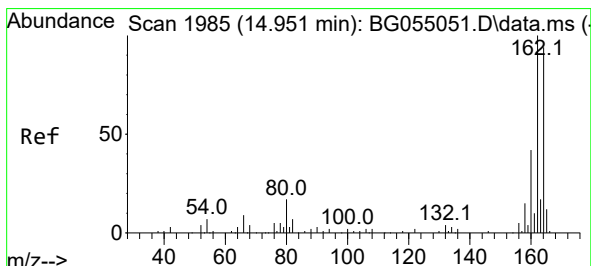
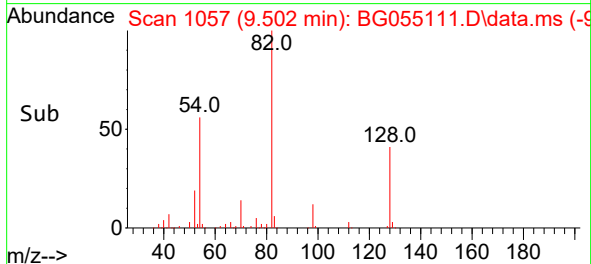
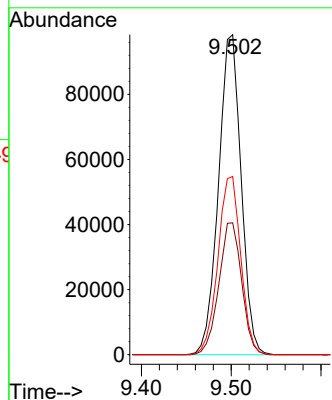
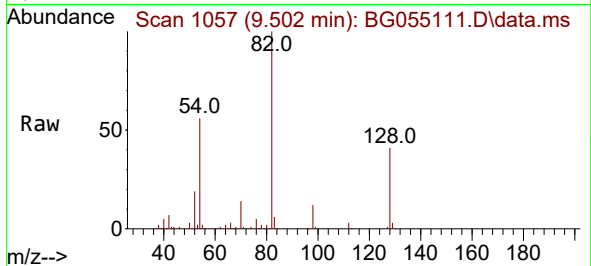




#23  
Nitrobenzene-d5  
Concen: 84.943 ng  
RT: 9.502 min Scan# 1057  
Delta R.T. -0.005 min  
Lab File: BG055111.D  
Acq: 10 Oct 2022 13:43

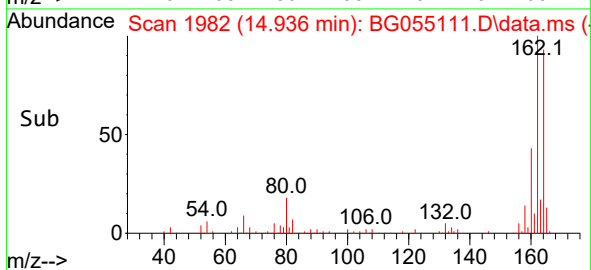
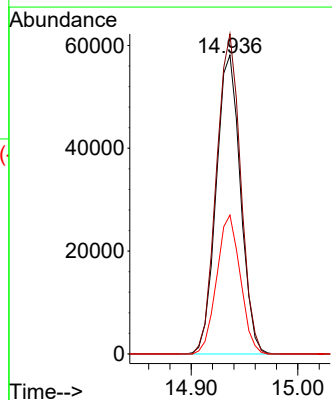
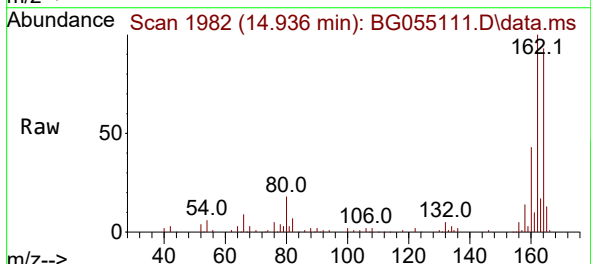
Instrument :  
BNA\_G  
ClientSampleId :  
PB148187BL

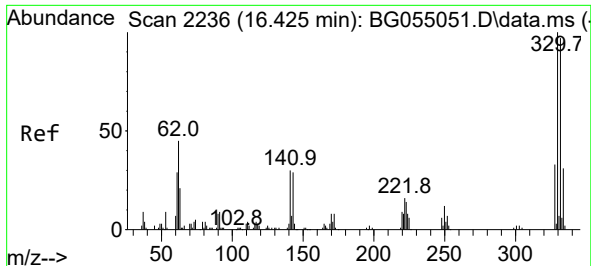
Tgt Ion: 82 Resp: 172107  
Ion Ratio Lower Upper  
82 100  
128 41.2 29.5 44.3  
54 55.7 46.7 70.1



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.936 min Scan# 1982  
Delta R.T. -0.005 min  
Lab File: BG055111.D  
Acq: 10 Oct 2022 13:43

Tgt Ion:164 Resp: 91763  
Ion Ratio Lower Upper  
164 100  
162 107.1 85.5 128.3  
160 46.5 35.5 53.3





#42

2,4,6-Tribromophenol

Concen: 167.045 ng

RT: 16.411 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG055111.D

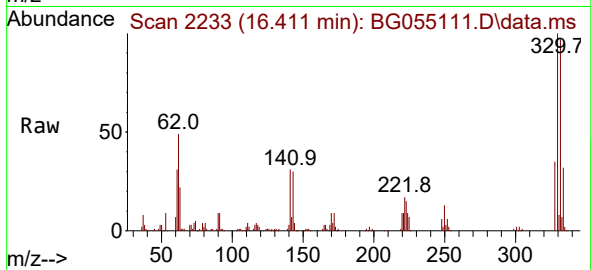
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Instrument :

BNA\_G

ClientSampleId :

PB148187BL



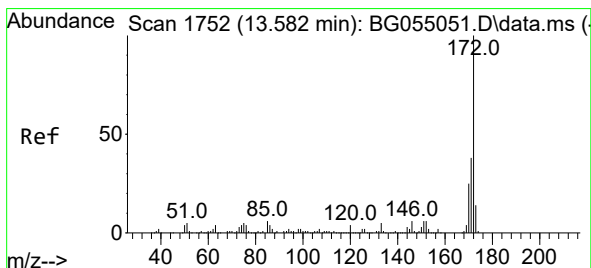
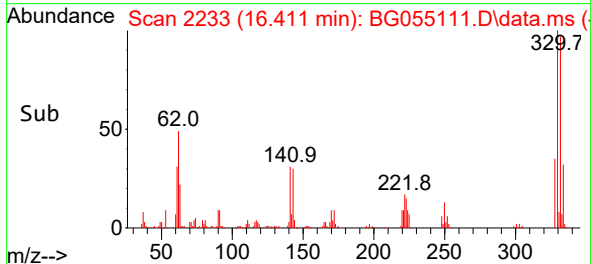
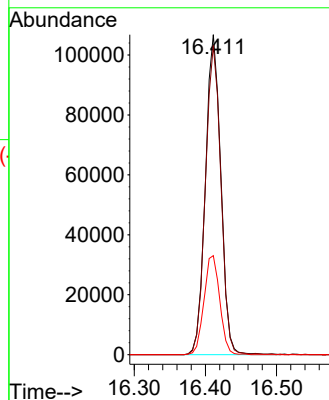
Tgt Ion:330 Resp: 161088

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

141 31.7 25.0 37.4



#45

2-Fluorobiphenyl

Concen: 76.044 ng

RT: 13.567 min Scan# 1749

Delta R.T. -0.005 min

Lab File: BG055111.D

Acq: 10 Oct 2022 13:43

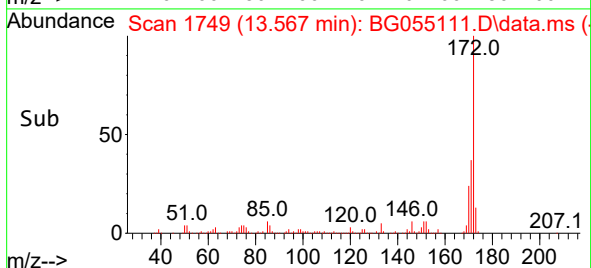
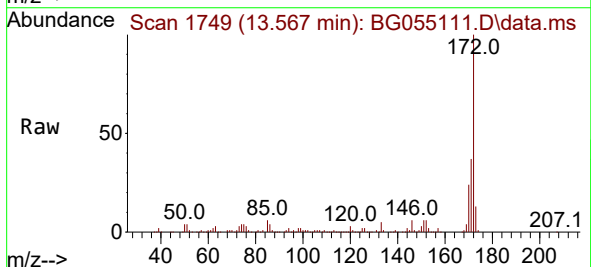
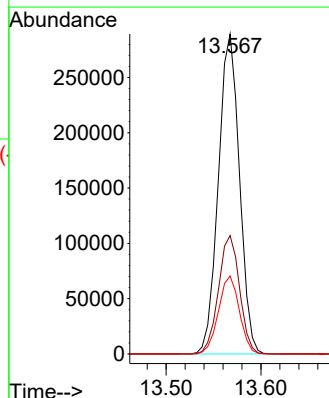
Tgt Ion:172 Resp: 446985

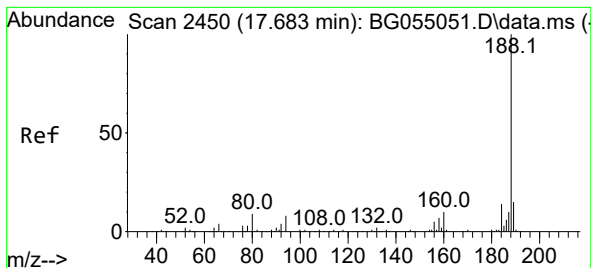
Ion Ratio Lower Upper

172 100

171 37.0 30.1 45.1

170 24.4 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.668 min Scan# 24

Delta R.T. -0.005 min

Lab File: BG055111.D

Acq: 10 Oct 2022 13:43

Instrument :

BNA\_G

ClientSampleId :

PB148187BL

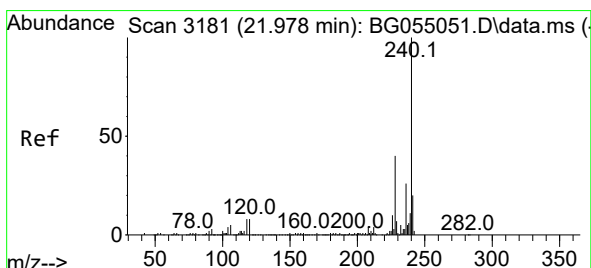
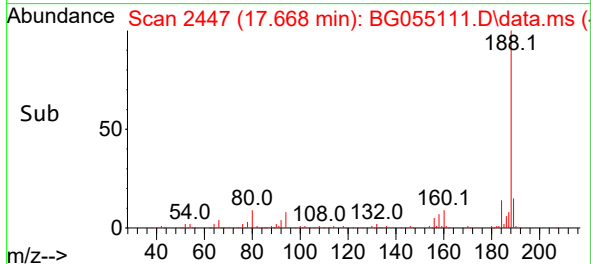
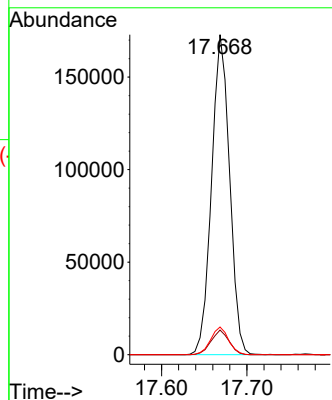
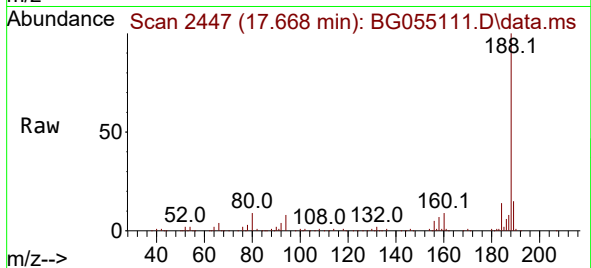
Tgt Ion:188 Resp: 253927

Ion Ratio Lower Upper

188 100

94 7.7 6.2 9.2

80 8.6 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.963 min Scan# 3178

Delta R.T. -0.005 min

Lab File: BG055111.D

Acq: 10 Oct 2022 13:43

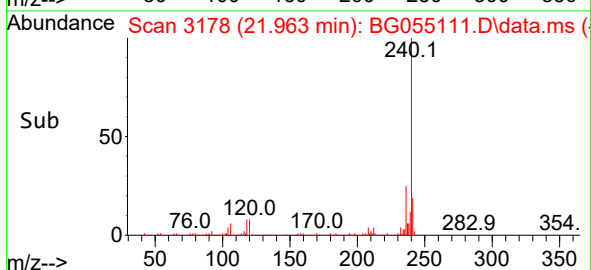
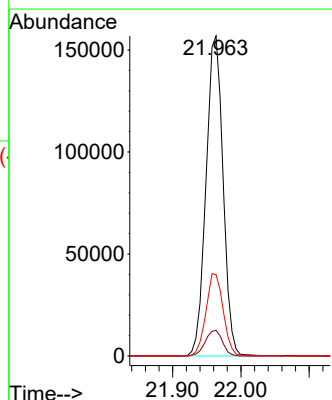
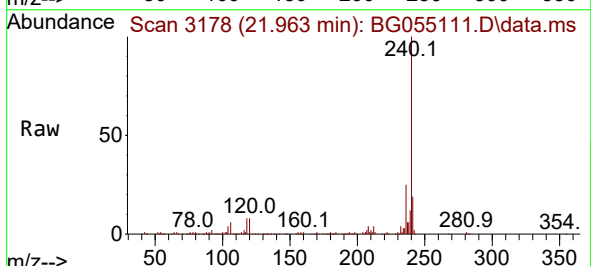
Tgt Ion:240 Resp: 272180

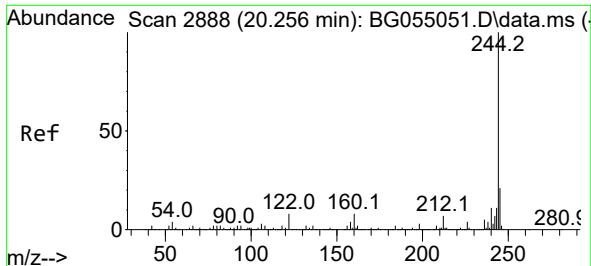
Ion Ratio Lower Upper

240 100

120 8.0 6.2 9.4

236 25.4 20.6 30.8

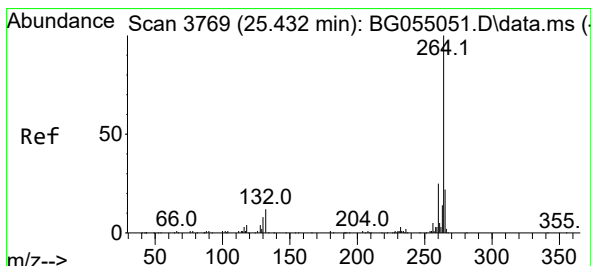
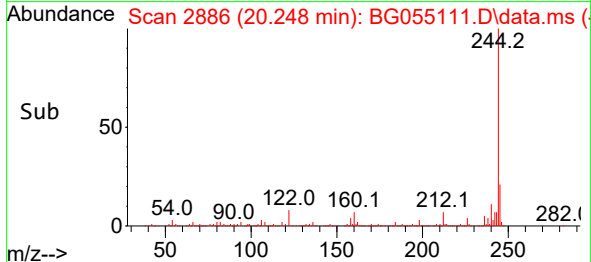
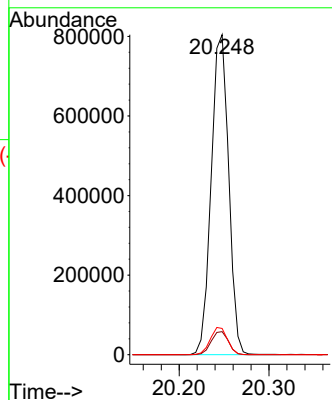
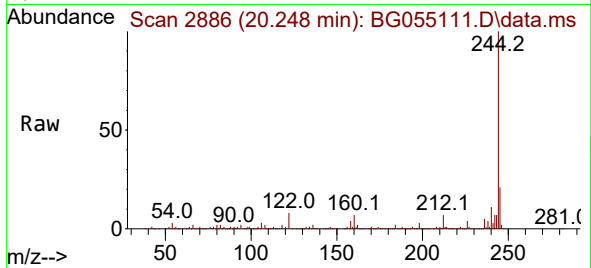




#79  
 Terphenyl-d14  
 Concen: 80.512 ng  
 RT: 20.248 min Scan# 21  
 Delta R.T. -0.005 min  
 Lab File: BG055111.D  
 Acq: 10 Oct 2022 13:43

Instrument :  
 BNA\_G  
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 PB148187BL

Tgt Ion:244 Resp: 1084203  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 6.0 9.0  
 122 8.2 6.6 10.0



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.406 min Scan# 3764  
 Delta R.T. -0.011 min  
 Lab File: BG055111.D  
 Acq: 10 Oct 2022 13:43

Tgt Ion:264 Resp: 282299  
 Ion Ratio Lower Upper  
 264 100  
 260 24.5 19.7 29.5  
 265 22.1 17.8 26.6

