

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG101122\  
 Data File : BG055122.D  
 Acq On : 11 Oct 2022 10:51  
 Operator : CG/JU  
 Sample : PB148225BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB148225BL

Quant Time: Oct 12 06:17:27 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   | 8.325  | 152  | 31930    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 11.157 | 136  | 135853   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.935 | 164  | 99069    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.667 | 188  | 252655   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.962 | 240  | 264673   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 25.411 | 264  | 278523   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.846  | 112  | 231194   | 160.825 | ng    | 0.00     |
| 7) Phenol-d6                | 7.456  | 99   | 304583   | 141.410 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.500  | 82   | 191242   | 84.117  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.410 | 330  | 174678   | 167.752 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.566 | 172  | 491546   | 77.458  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.247 | 244  | 1052759  | 80.394  | ng    | 0.00     |

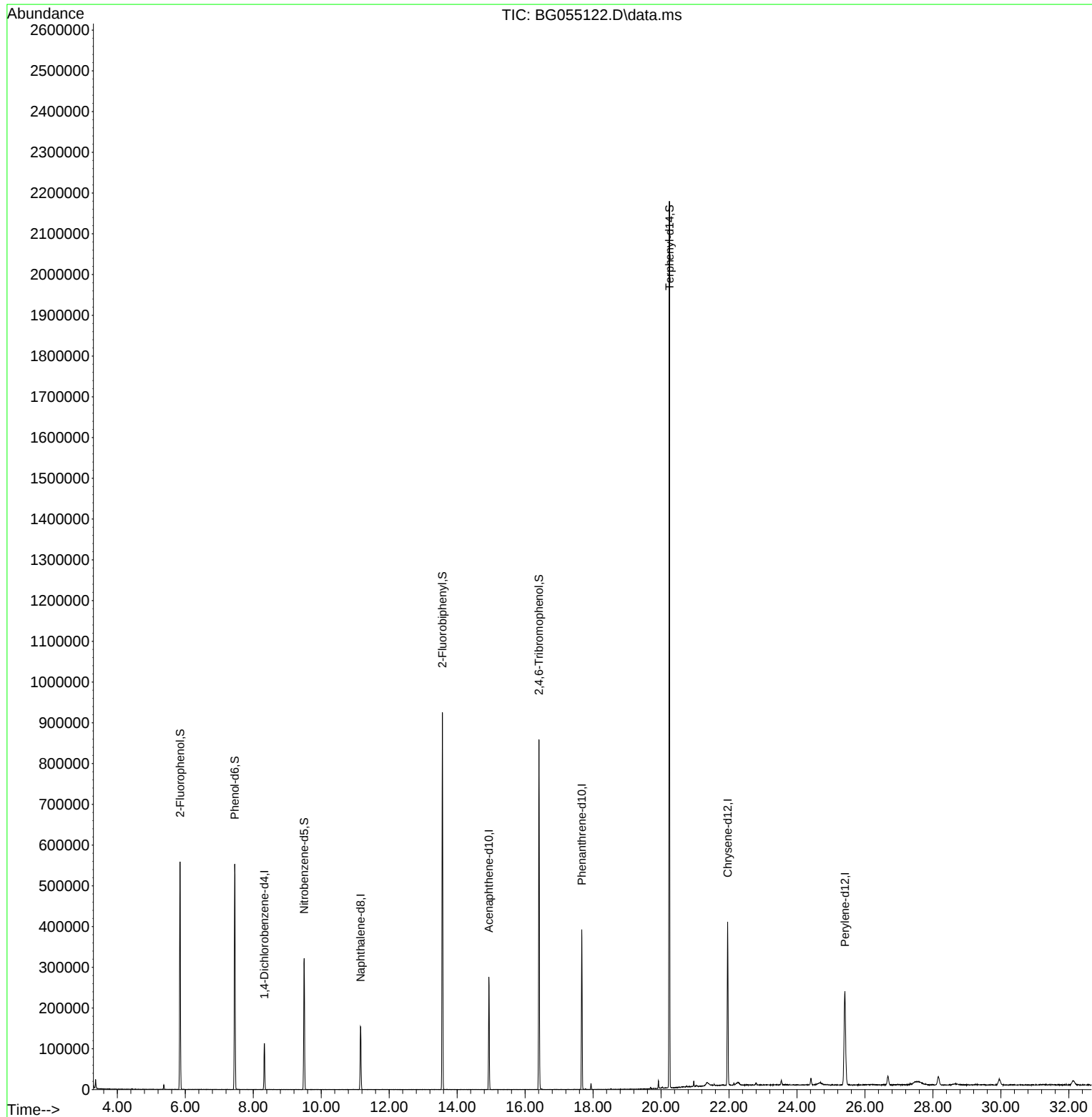
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

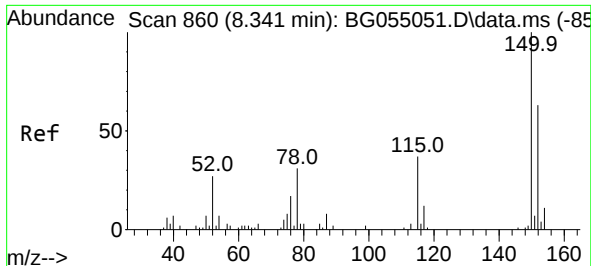
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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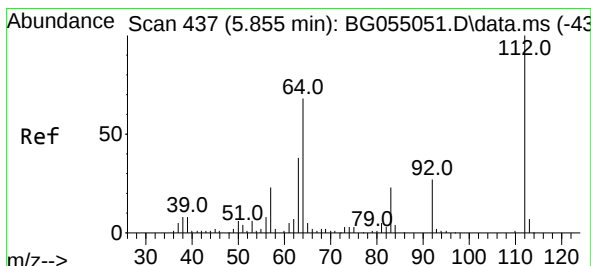
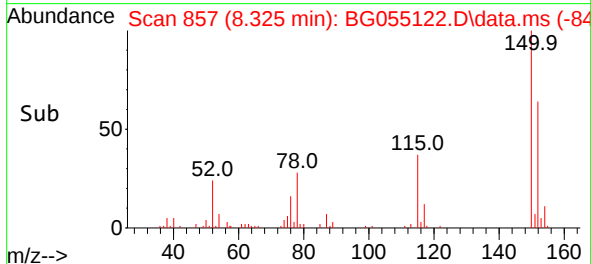
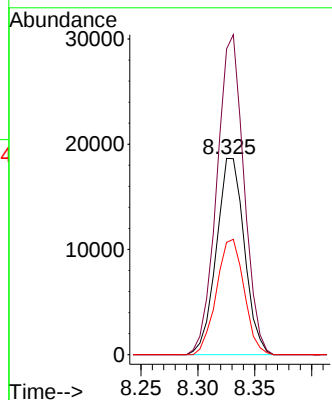
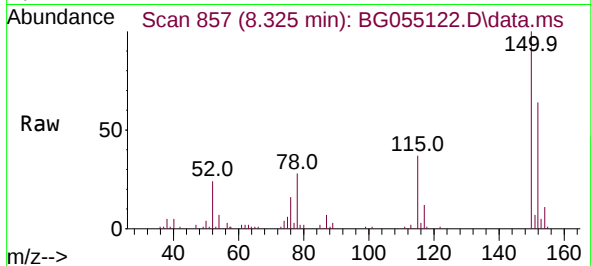




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.325 min Scan# 81  
Delta R.T. -0.013 min  
Lab File: BG055122.D  
Acq: 11 Oct 2022 10:51

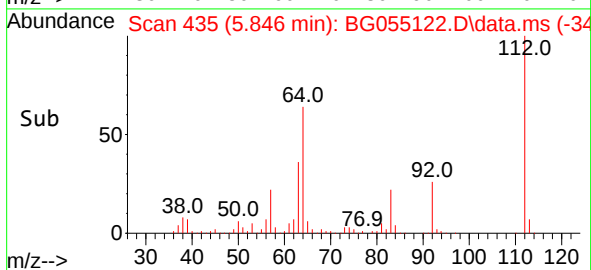
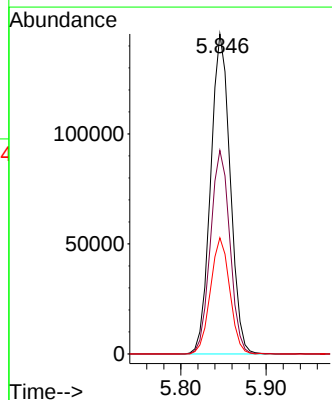
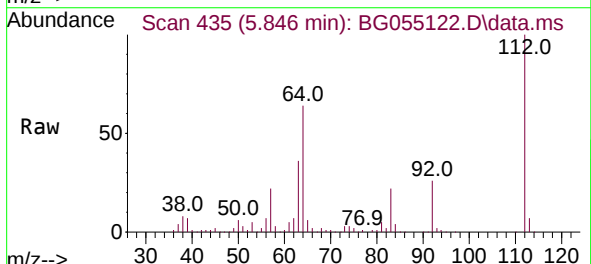
Instrument :  
BNA\_G  
ClientSampleId :  
PB148225BL

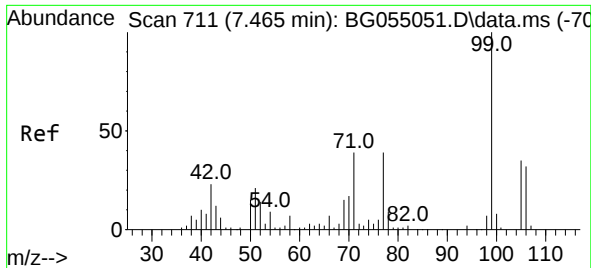
Tgt Ion:152 Resp: 31930  
Ion Ratio Lower Upper  
152 100  
150 155.7 128.0 192.0  
115 57.2 47.7 71.5



#5  
2-Fluorophenol  
Concen: 160.825 ng  
RT: 5.846 min Scan# 435  
Delta R.T. -0.007 min  
Lab File: BG055122.D  
Acq: 11 Oct 2022 10:51

Tgt Ion:112 Resp: 231194  
Ion Ratio Lower Upper  
112 100  
64 63.6 54.5 81.7  
63 36.3 30.5 45.7

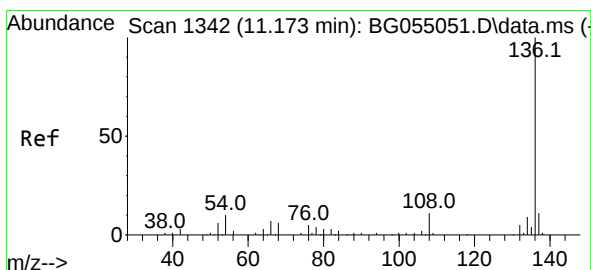
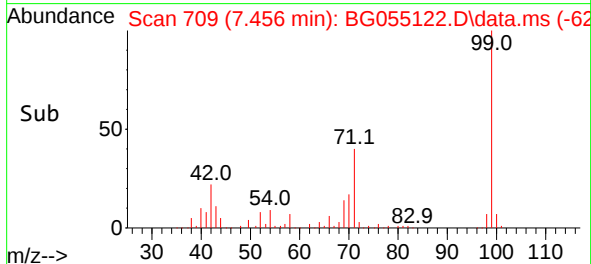
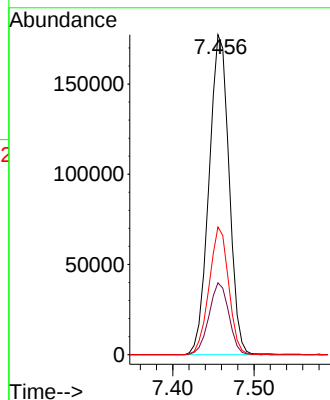
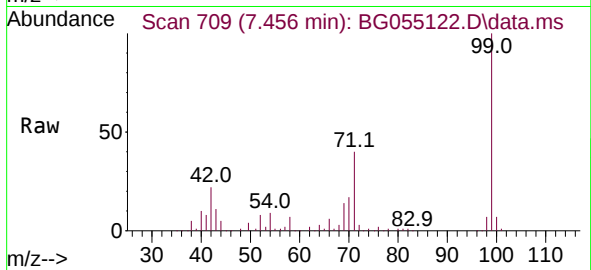




#7  
Phenol-d6  
Concen: 141.410 ng  
RT: 7.456 min Scan# 70  
Delta R.T. -0.007 min  
Lab File: BG055122.D  
Acq: 11 Oct 2022 10:51

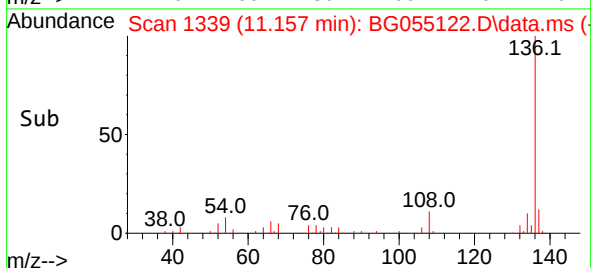
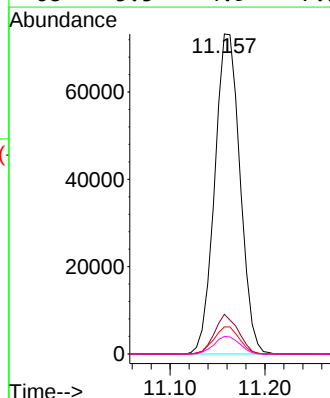
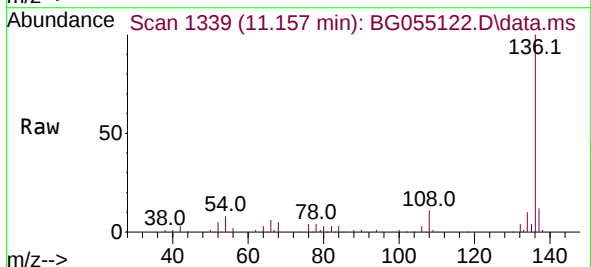
Instrument :  
BNA\_G  
ClientSampleId :  
PB148225BL

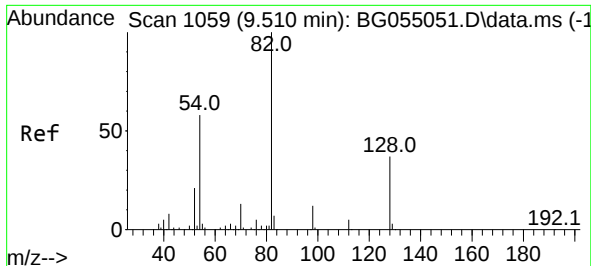
Tgt Ion: 99 Resp: 304583  
Ion Ratio Lower Upper  
99 100  
42 22.4 18.6 28.0  
71 39.9 31.2 46.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.157 min Scan# 1339  
Delta R.T. -0.012 min  
Lab File: BG055122.D  
Acq: 11 Oct 2022 10:51

Tgt Ion:136 Resp: 135853  
Ion Ratio Lower Upper  
136 100  
137 12.4 8.7 13.1  
54 8.4 8.2 12.4  
68 5.5 4.9 7.3





#23

Nitrobenzene-d5

Concen: 84.117 ng

RT: 9.500 min Scan# 1059

Delta R.T. -0.007 min

Lab File: BG055122.D

Acq: 11 Oct 2022 10:51

Instrument :

BNA\_G

ClientSampleId :

PB148225BL

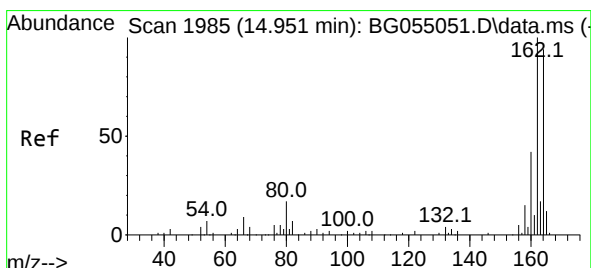
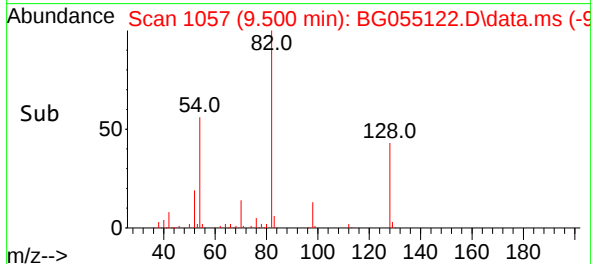
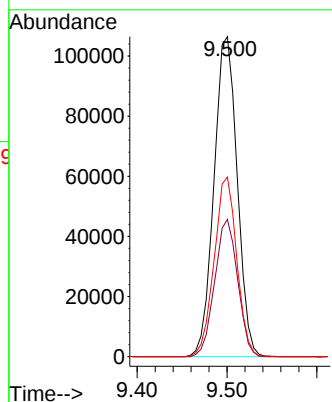
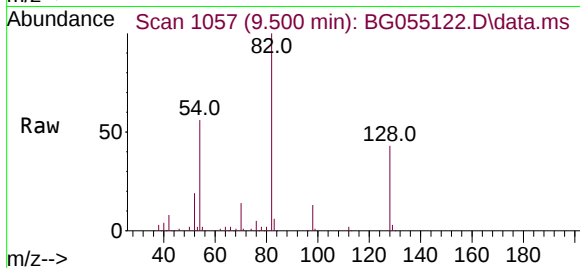
Tgt Ion: 82 Resp: 191242

Ion Ratio Lower Upper

82 100

128 42.9 29.5 44.3

54 56.1 46.7 70.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.935 min Scan# 1982

Delta R.T. -0.007 min

Lab File: BG055122.D

Acq: 11 Oct 2022 10:51

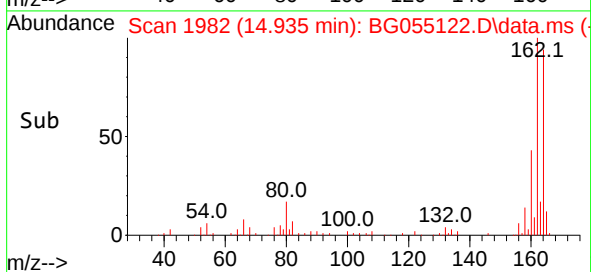
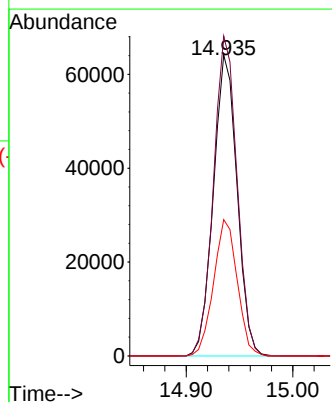
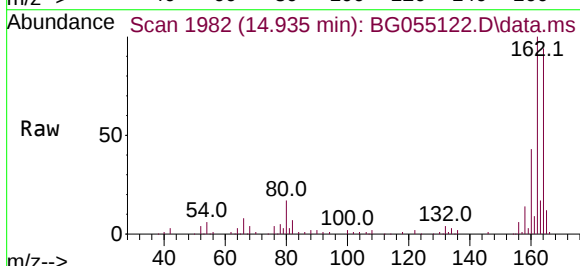
Tgt Ion:164 Resp: 99069

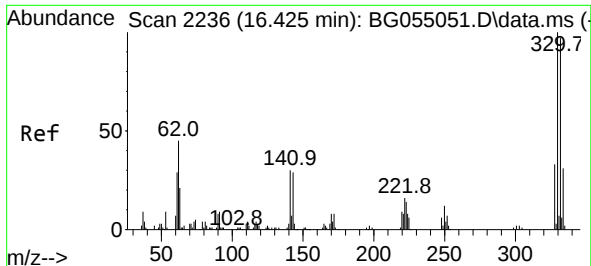
Ion Ratio Lower Upper

164 100

162 106.4 85.5 128.3

160 45.3 35.5 53.3

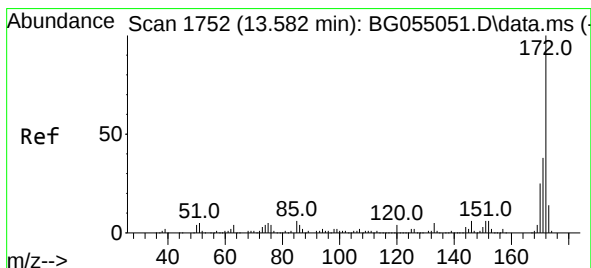
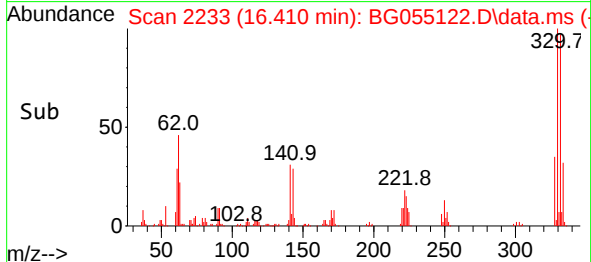
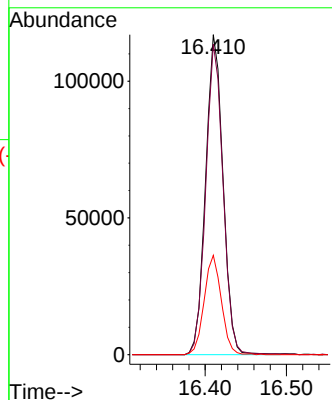
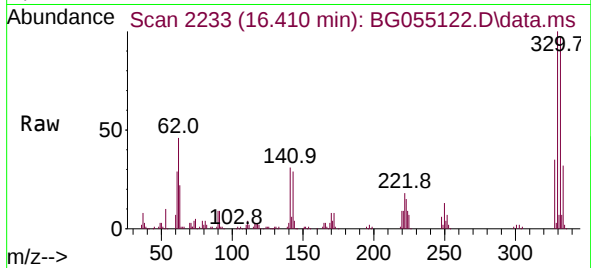




#42  
2,4,6-Tribromophenol  
Concen: 167.752 ng  
RT: 16.410 min Scan# 21  
Delta R.T. -0.007 min  
Lab File: BG055122.D  
Acq: 11 Oct 2022 10:51

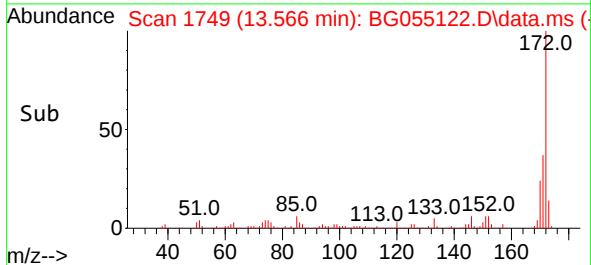
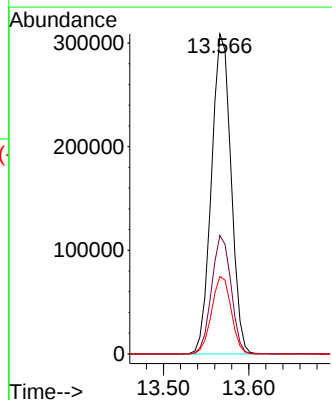
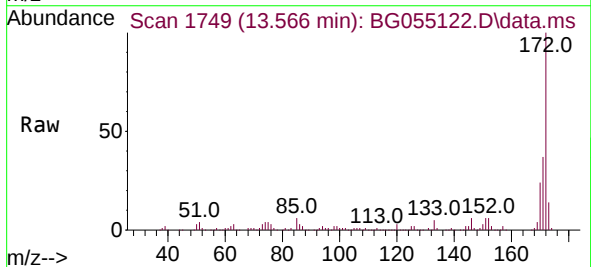
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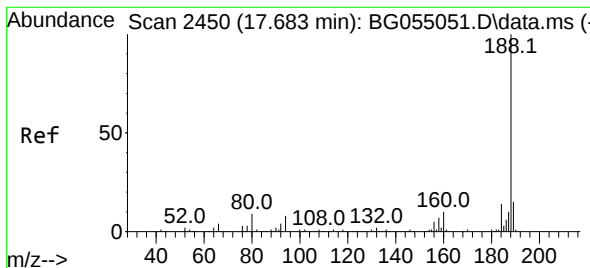
Tgt Ion:330 Resp: 174678  
Ion Ratio Lower Upper  
330 100  
332 96.6 77.4 116.0  
141 30.6 25.0 37.4



#45  
2-Fluorobiphenyl  
Concen: 77.458 ng  
RT: 13.566 min Scan# 1749  
Delta R.T. -0.007 min  
Lab File: BG055122.D  
Acq: 11 Oct 2022 10:51

Tgt Ion:172 Resp: 491546  
Ion Ratio Lower Upper  
172 100  
171 37.0 30.1 45.1  
170 24.2 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.667 min Scan# 24

Delta R.T. -0.007 min

Lab File: BG055122.D

Acq: 11 Oct 2022 10:51

Instrument :

BNA\_G

ClientSampleId :

PB148225BL

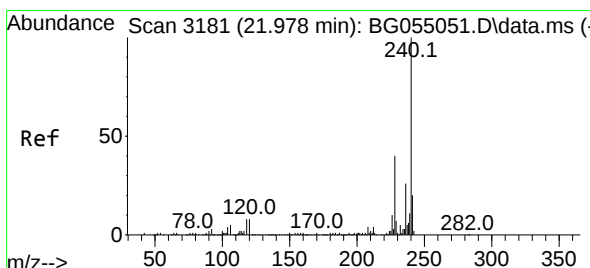
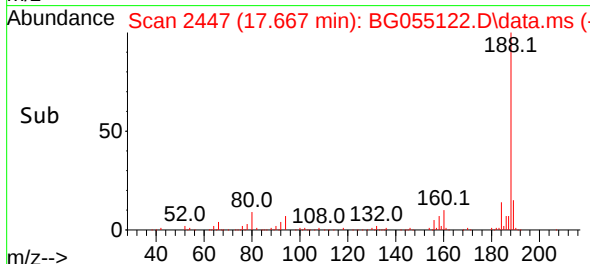
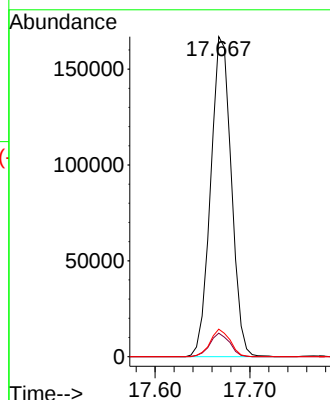
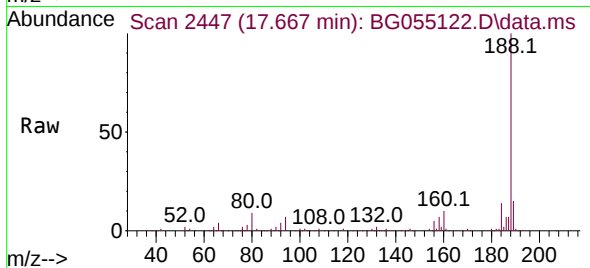
Tgt Ion:188 Resp: 252655

Ion Ratio Lower Upper

188 100

94 7.3 6.2 9.2

80 8.6 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.962 min Scan# 3178

Delta R.T. -0.007 min

Lab File: BG055122.D

Acq: 11 Oct 2022 10:51

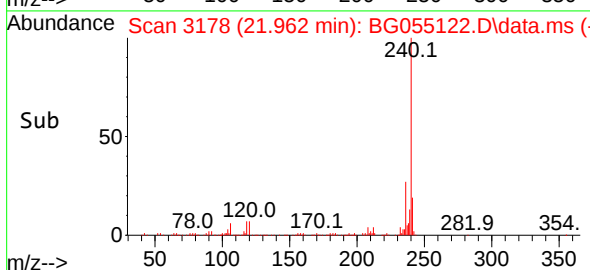
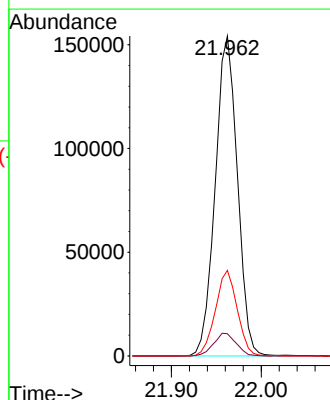
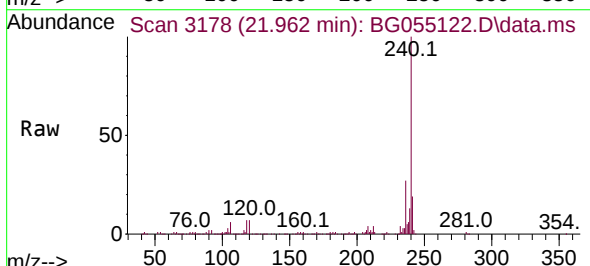
Tgt Ion:240 Resp: 264673

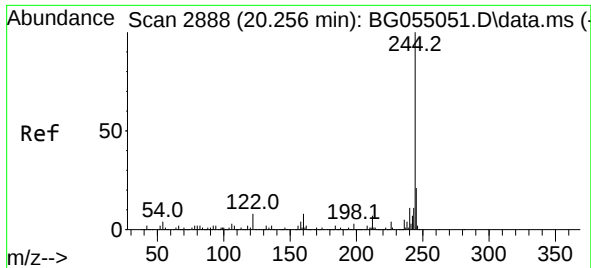
Ion Ratio Lower Upper

240 100

120 6.9 6.2 9.4

236 26.7 20.6 30.8

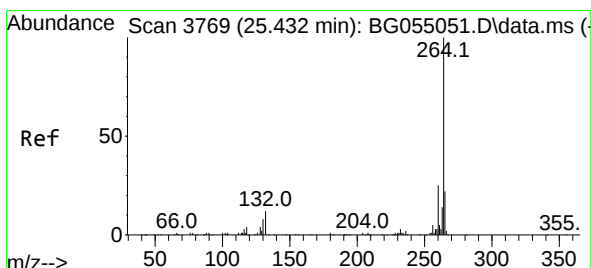
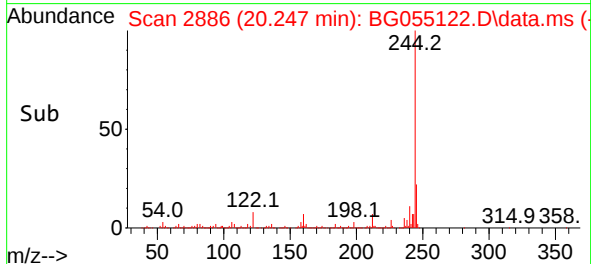
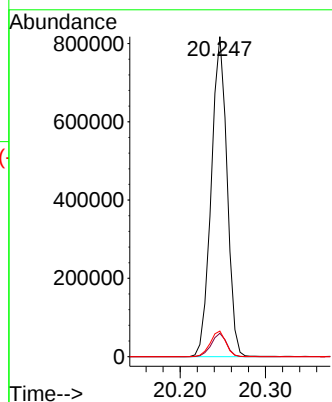
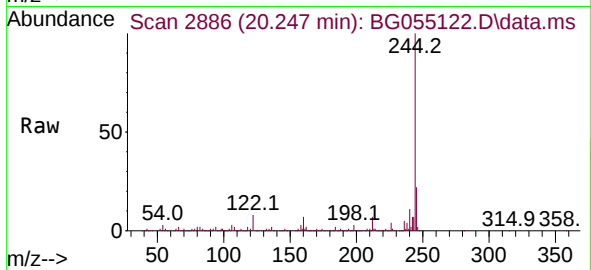




#79  
 Terphenyl-d14  
 Concen: 80.394 ng  
 RT: 20.247 min Scan# 2886  
 Delta R.T. -0.007 min  
 Lab File: BG055122.D  
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Tgt Ion:244 Resp: 1052759  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 6.0 9.0  
 122 8.0 6.6 10.0



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.411 min Scan# 3765  
 Delta R.T. -0.007 min  
 Lab File: BG055122.D  
 Acq: 11 Oct 2022 10:51

Tgt Ion:264 Resp: 278523  
 Ion Ratio Lower Upper  
 264 100  
 260 23.2 19.7 29.5  
 265 20.8 17.8 26.6

