

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG101922\  
 Data File : BG055212.D  
 Acq On : 19 Oct 2022 19:13  
 Operator : CG/JU  
 Sample : PB148386BL  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB148386BL

Quant Time: Oct 20 09:40:33 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG101922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 20 09:21:42 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.288  | 152  | 41108    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.120 | 136  | 188197   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.898 | 164  | 131547   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.630 | 188  | 327420   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.914 | 240  | 299906   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 25.321 | 264  | 299517   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.809  | 112  | 332865   | 145.682 | ng    | 0.00     |
| 7) Phenol-d6                | 7.425  | 99   | 463231   | 133.050 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.458  | 82   | 285732   | 73.298  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.379 | 330  | 178391   | 130.872 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.529 | 172  | 631163   | 76.639  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.210 | 244  | 1197061  | 74.373  | ng    | 0.00     |

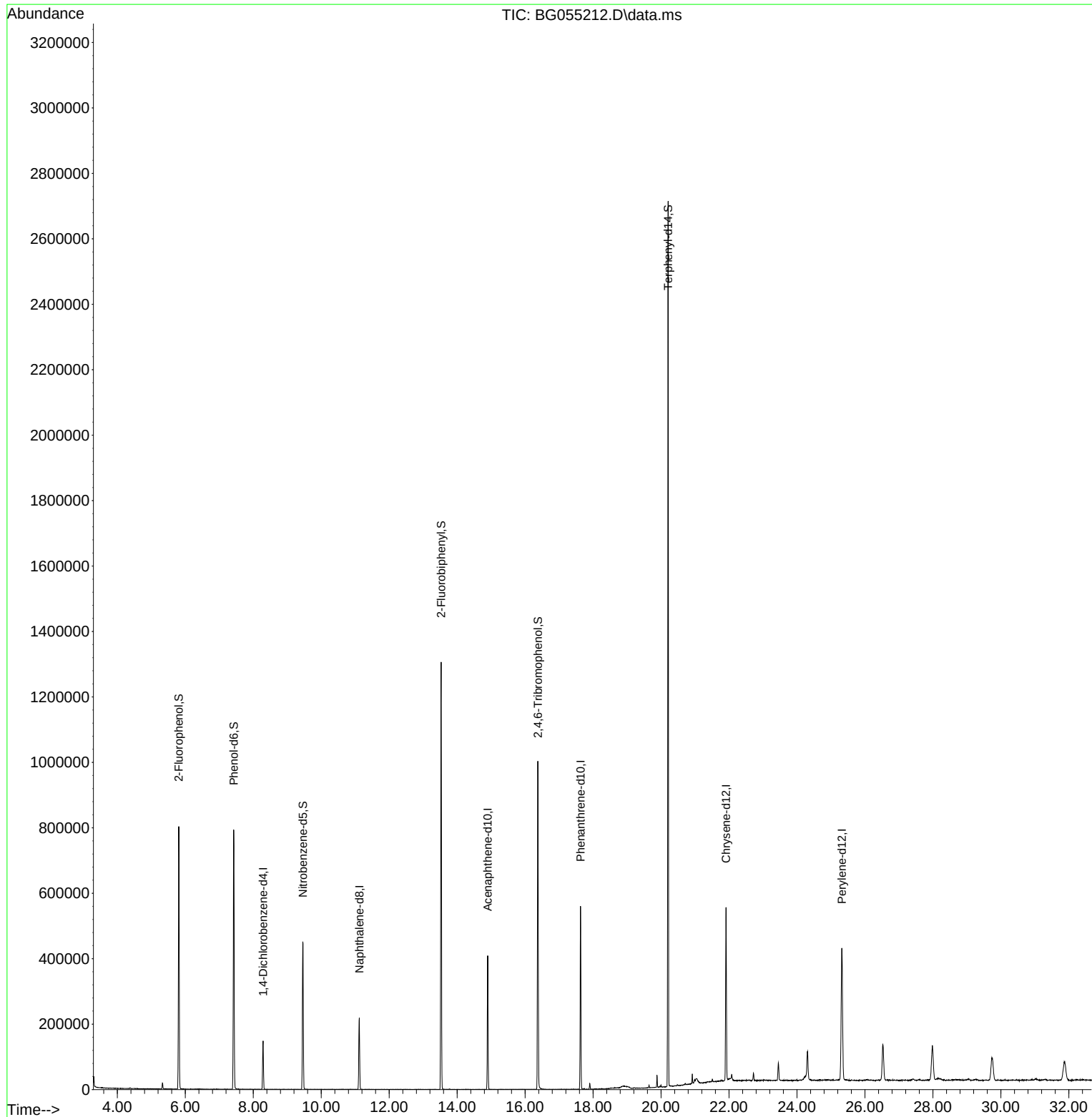
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

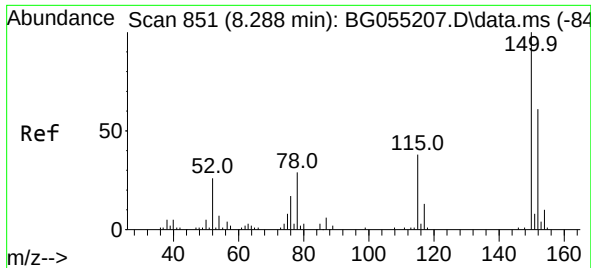
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

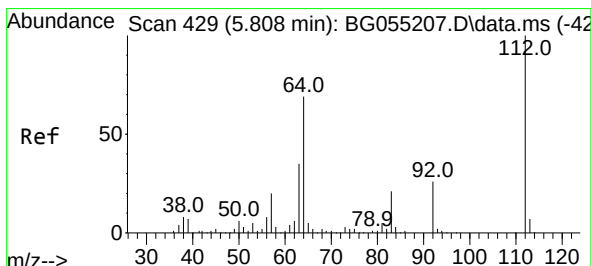
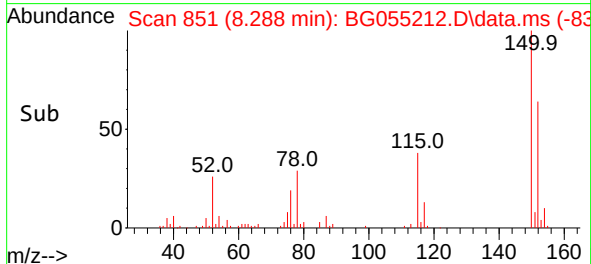
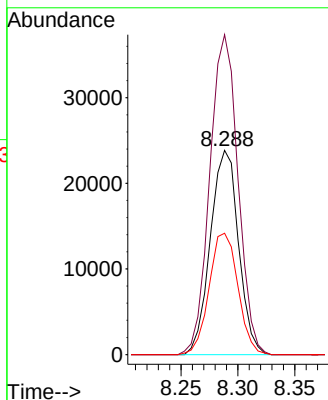
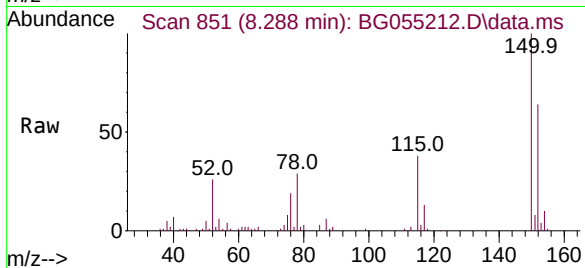




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.288 min Scan# 851  
 Delta R.T. 0.000 min  
 Lab File: BG055212.D  
 Acq: 19 Oct 2022 19:13

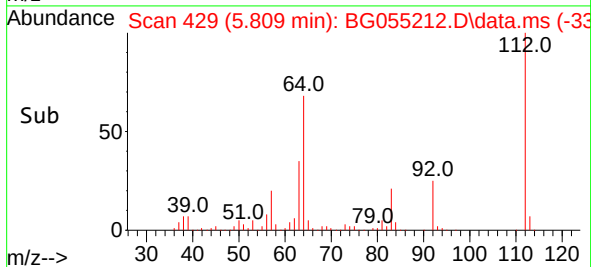
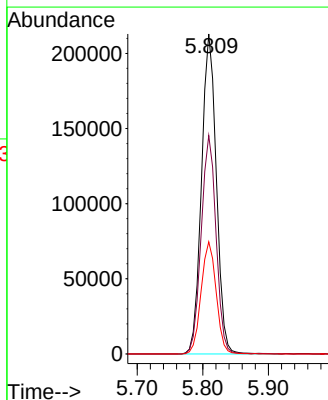
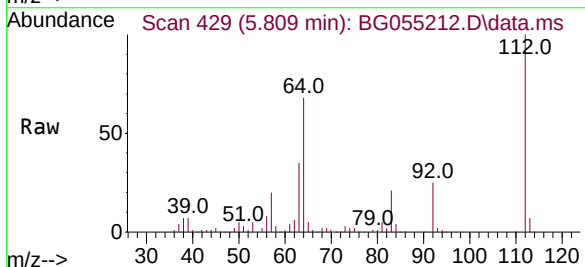
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB148386BL

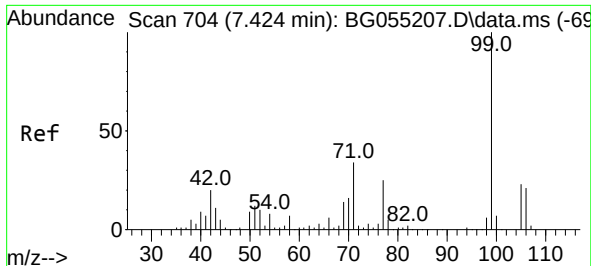
Tgt Ion:152 Resp: 41108  
 Ion Ratio Lower Upper  
 152 100  
 150 156.7 130.2 195.2  
 115 59.4 50.0 75.0



#5  
 2-Fluorophenol  
 Concen: 145.682 ng  
 RT: 5.809 min Scan# 429  
 Delta R.T. 0.001 min  
 Lab File: BG055212.D  
 Acq: 19 Oct 2022 19:13

Tgt Ion:112 Resp: 332865  
 Ion Ratio Lower Upper  
 112 100  
 64 68.2 55.1 82.7  
 63 35.0 27.8 41.6

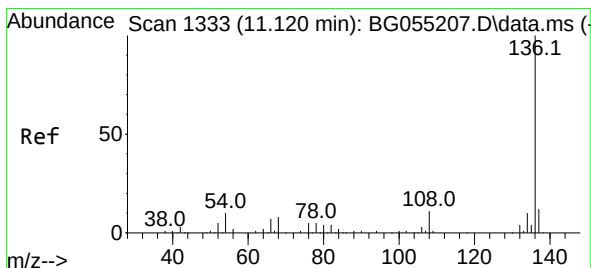
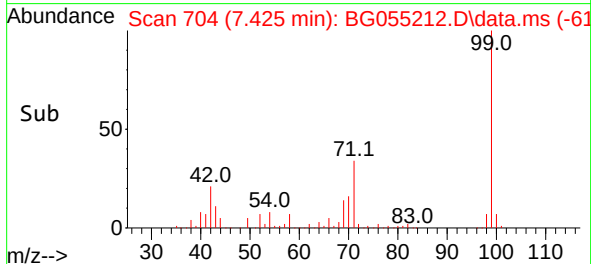
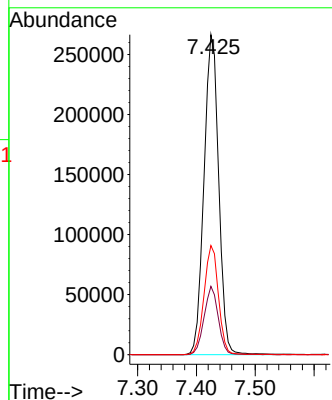
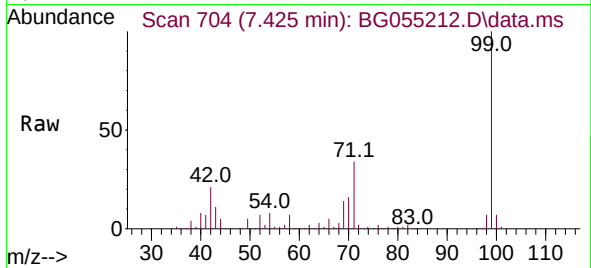




#7  
Phenol-d6  
Concen: 133.050 ng  
RT: 7.425 min Scan# 704  
Delta R.T. 0.001 min  
Lab File: BG055212.D  
Acq: 19 Oct 2022 19:13

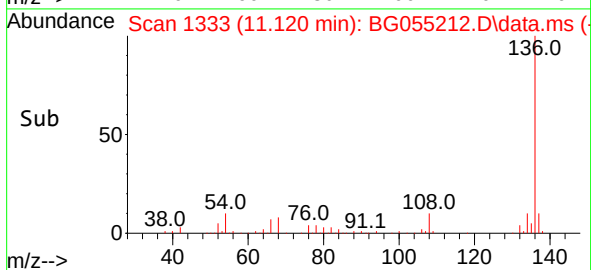
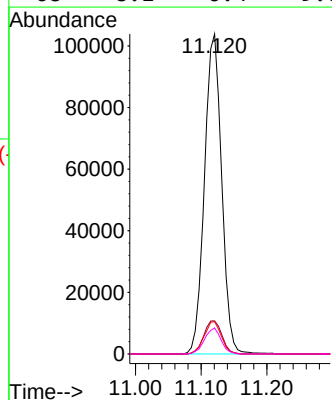
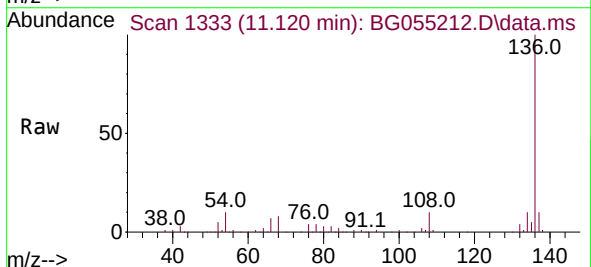
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BNA\_G  
ClientSampleId :  
PB148386BL

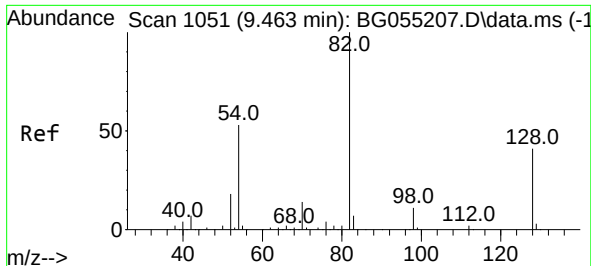
Tgt Ion: 99 Resp: 463231  
Ion Ratio Lower Upper  
99 100  
42 21.3 16.2 24.4  
71 34.1 27.3 40.9



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.120 min Scan# 1333  
Delta R.T. 0.000 min  
Lab File: BG055212.D  
Acq: 19 Oct 2022 19:13

Tgt Ion: 136 Resp: 188197  
Ion Ratio Lower Upper  
136 100  
137 10.3 9.3 13.9  
54 10.1 8.2 12.4  
68 8.1 6.4 9.6





#23

Nitrobenzene-d5

Concen: 73.298 ng

RT: 9.458 min Scan# 1050

Delta R.T. -0.005 min

Lab File: BG055212.D

Acq: 19 Oct 2022 19:13

Instrument :

BNA\_G

ClientSampleId :

PB148386BL

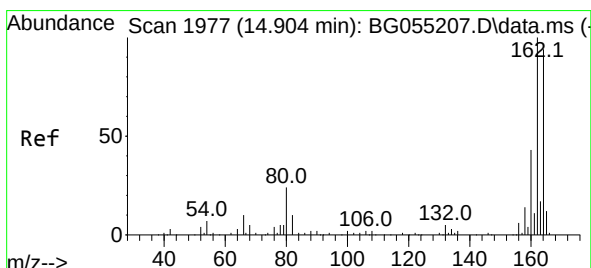
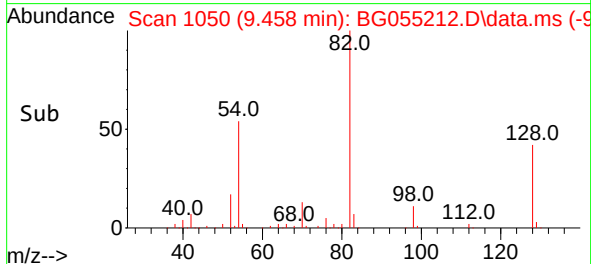
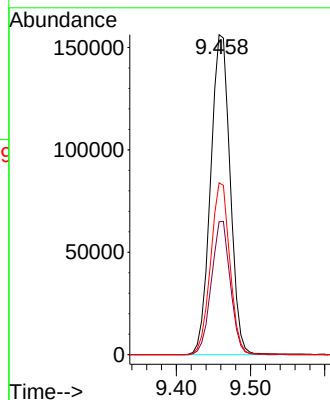
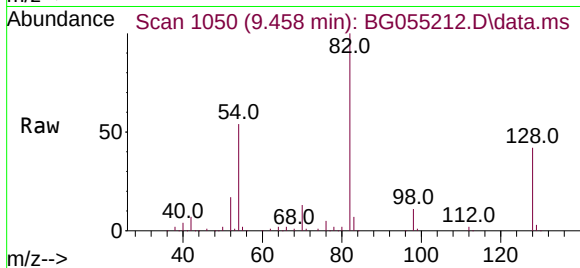
Tgt Ion: 82 Resp: 285732

Ion Ratio Lower Upper

82 100

128 41.5 32.3 48.5

54 53.7 42.6 63.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.898 min Scan# 1776

Delta R.T. -0.006 min

Lab File: BG055212.D

Acq: 19 Oct 2022 19:13

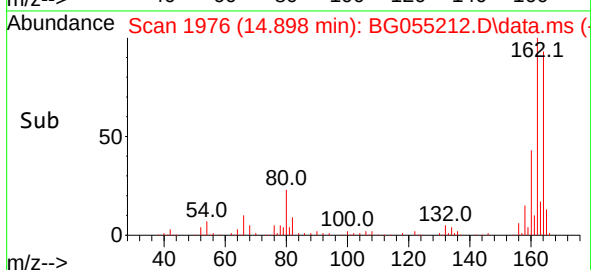
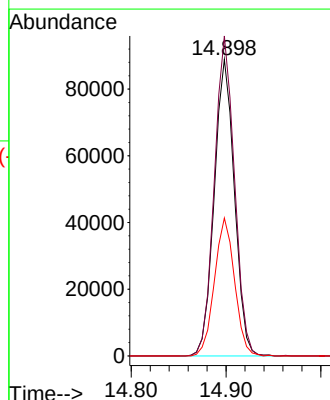
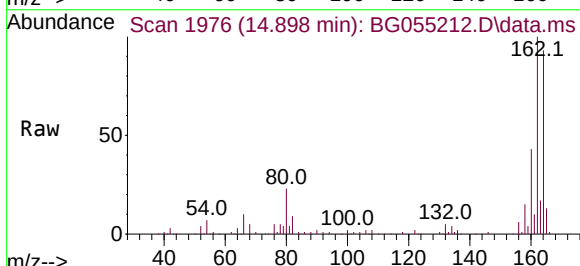
Tgt Ion:164 Resp: 131547

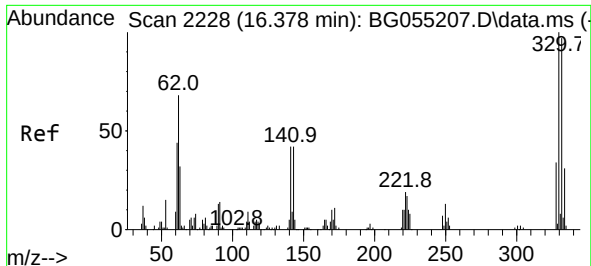
Ion Ratio Lower Upper

164 100

162 107.9 85.2 127.8

160 46.5 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 130.872 ng

RT: 16.379 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG055212.D

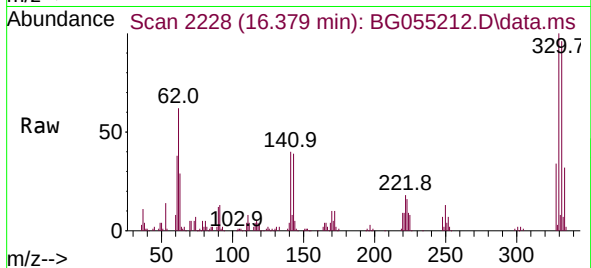
Acq: 19 Oct 2022 19:13

Instrument :

BNA\_G

ClientSampleId :

PB148386BL



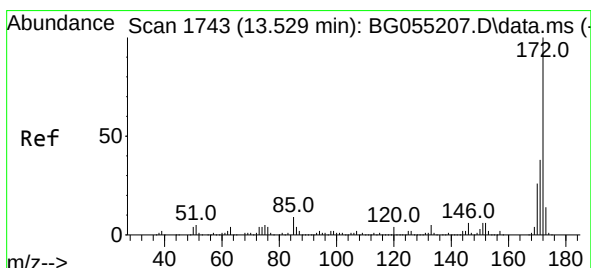
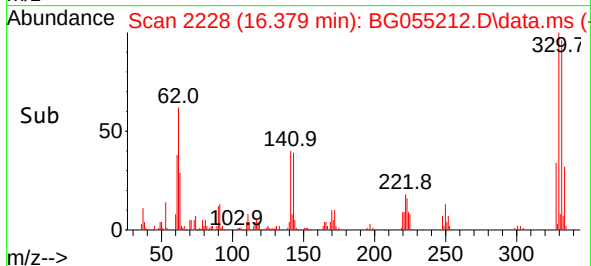
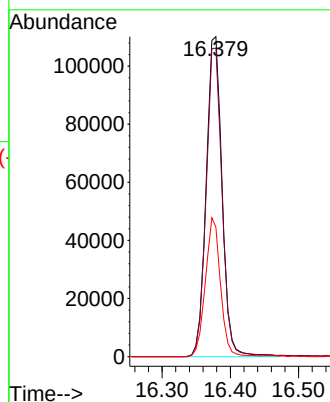
Tgt Ion:330 Resp: 178391

Ion Ratio Lower Upper

330 100

332 96.5 77.5 116.3

141 41.3 33.5 50.3



#45

2-Fluorobiphenyl

Concen: 76.639 ng

RT: 13.529 min Scan# 1743

Delta R.T. 0.000 min

Lab File: BG055212.D

Acq: 19 Oct 2022 19:13

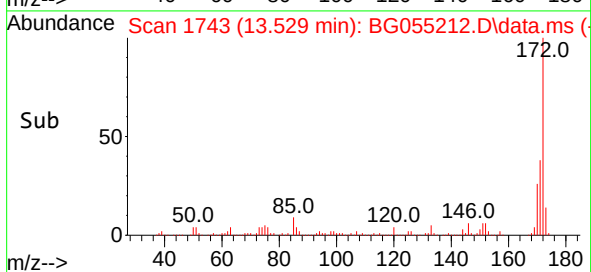
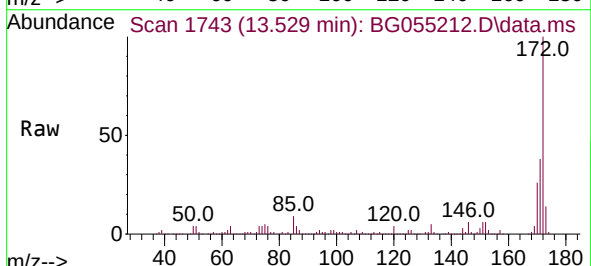
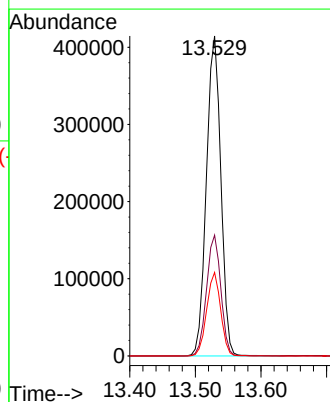
Tgt Ion:172 Resp: 631163

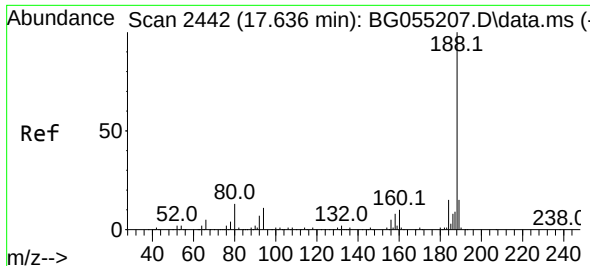
Ion Ratio Lower Upper

172 100

171 37.7 30.3 45.5

170 26.1 20.6 30.8

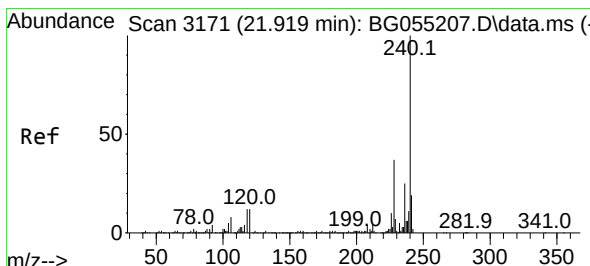
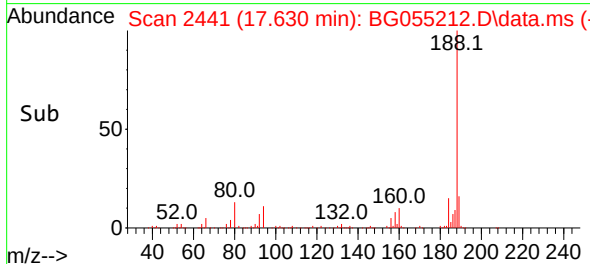
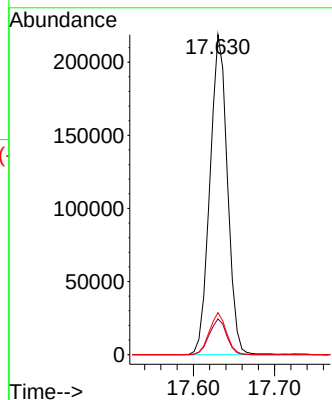
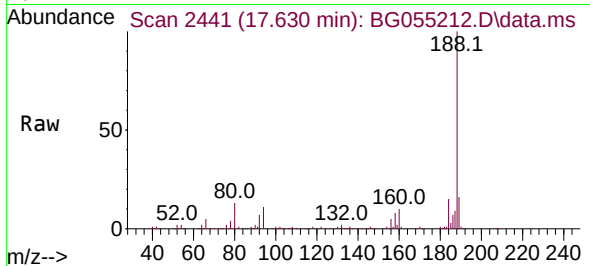




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.630 min Scan# 2442  
Delta R.T. -0.005 min  
Lab File: BG055212.D  
Acq: 19 Oct 2022 19:13

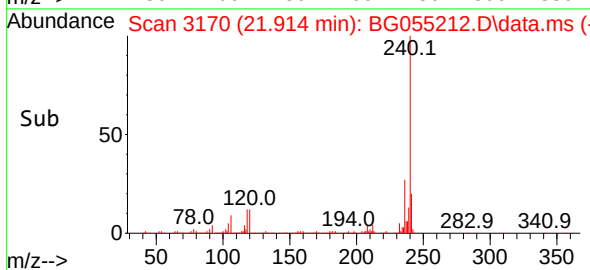
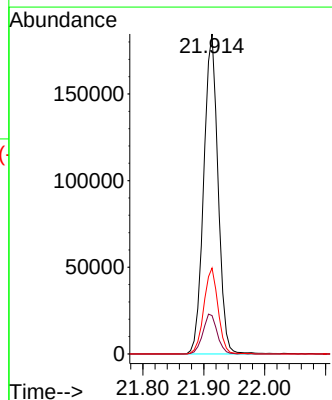
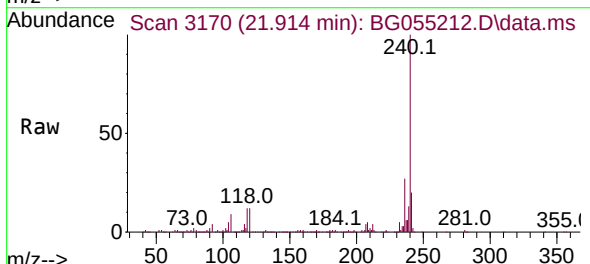
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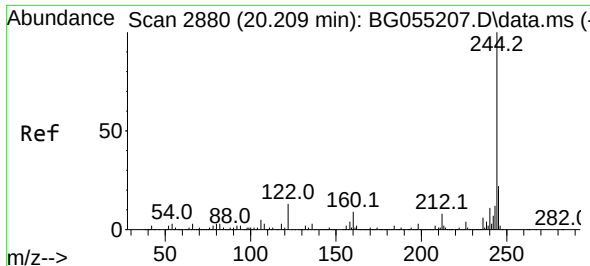
Tgt Ion:188 Resp: 327420  
Ion Ratio Lower Upper  
188 100  
94 11.2 8.6 12.8  
80 13.1 10.4 15.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.914 min Scan# 3170  
Delta R.T. -0.005 min  
Lab File: BG055212.D  
Acq: 19 Oct 2022 19:13

Tgt Ion:240 Resp: 299906  
Ion Ratio Lower Upper  
240 100  
120 12.0 9.2 13.8  
236 26.8 20.4 30.6

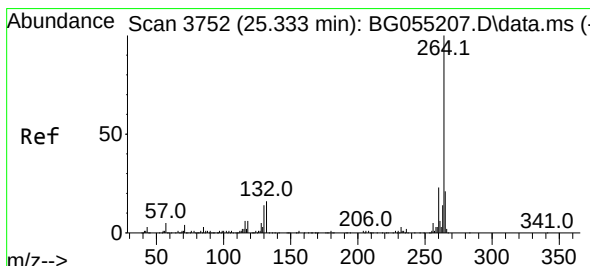
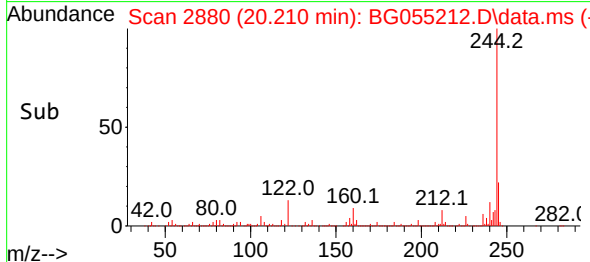
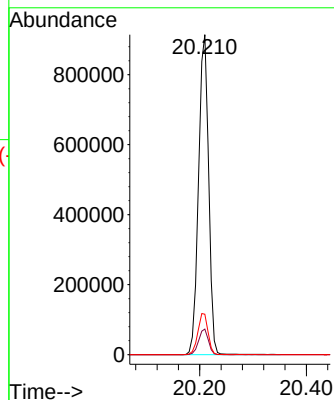
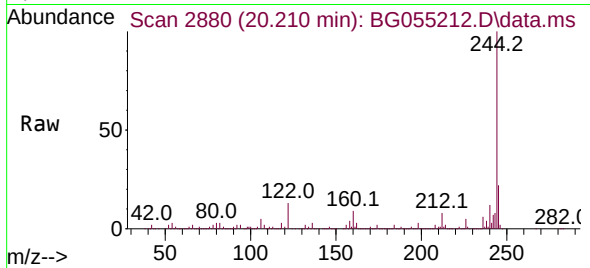




#79  
 Terphenyl-d14  
 Concen: 74.373 ng  
 RT: 20.210 min Scan# 2880  
 Delta R.T. 0.001 min  
 Lab File: BG055212.D  
 Acq: 19 Oct 2022 19:13

Instrument :  
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 ClientSampleId :  
 PB148386BL

Tgt Ion:244 Resp: 1197061  
 Ion Ratio Lower Upper  
 244 100  
 212 8.0 6.3 9.5  
 122 12.6 10.0 15.0



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.321 min Scan# 3750  
 Delta R.T. -0.011 min  
 Lab File: BG055212.D  
 Acq: 19 Oct 2022 19:13

Tgt Ion:264 Resp: 299517  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 18.6 27.8  
 265 21.0 17.1 25.7

