

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083022\  
 Data File : BG054792.D  
 Acq On : 30 Aug 2022 16:35  
 Operator : CG/JU  
 Sample : N4375-05  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 WC-2

Quant Time: Aug 31 02:07:31 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 25 17:50:55 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.147  | 152  | 42435    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.973 | 136  | 172593   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.781 | 164  | 122072   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.530 | 188  | 295197   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.820 | 240  | 287193   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 25.186 | 264  | 298420   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.691  | 112  | 310002   | 127.212 | ng    | 0.00     |
| 7) Phenol-d6                | 7.295  | 99   | 379067   | 113.744 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.322  | 82   | 282427   | 85.904  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.267 | 330  | 228218   | 149.615 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.406 | 172  | 700834   | 86.290  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.127 | 244  | 1352740  | 93.328  | ng    | 0.00     |

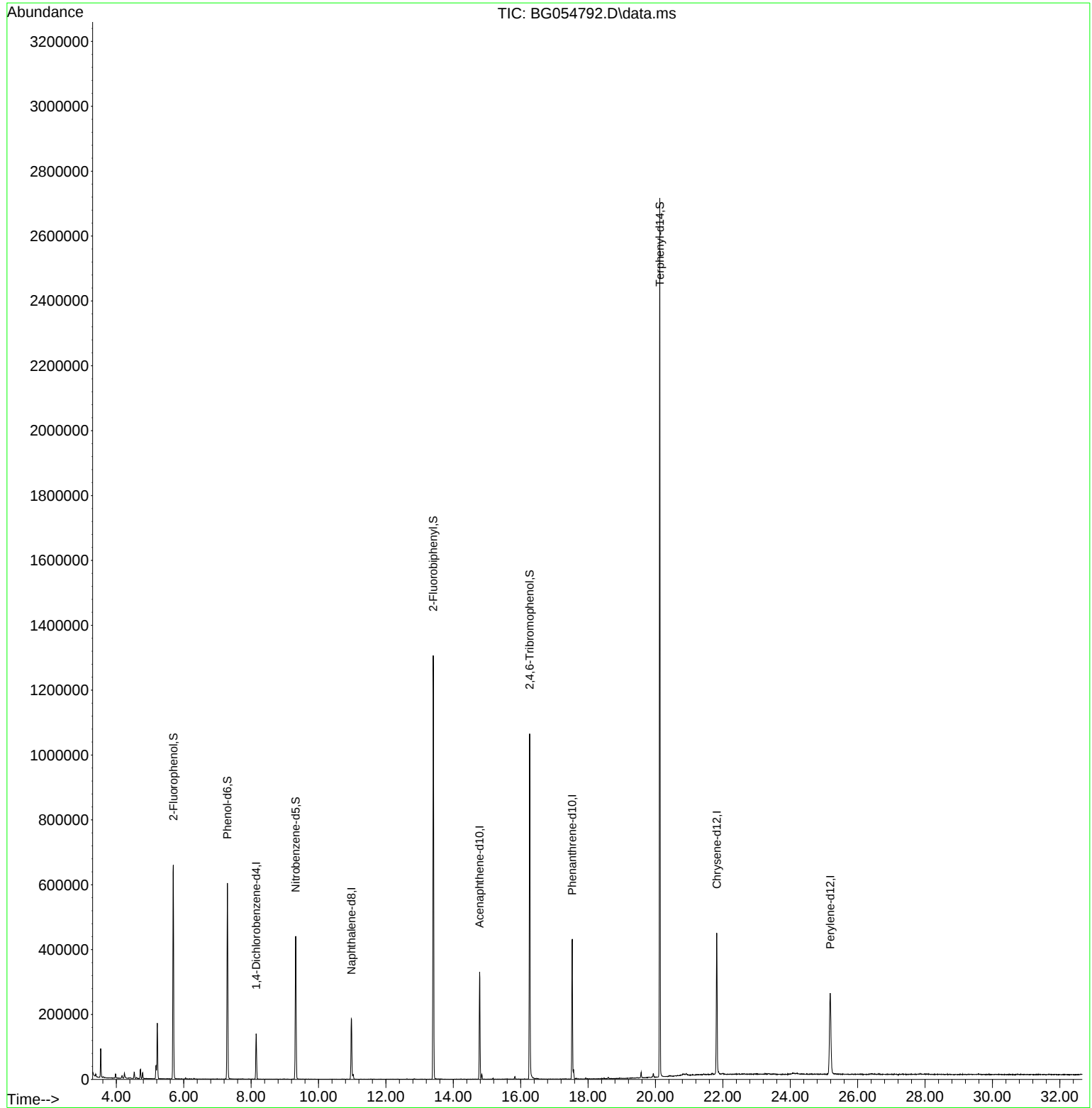
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

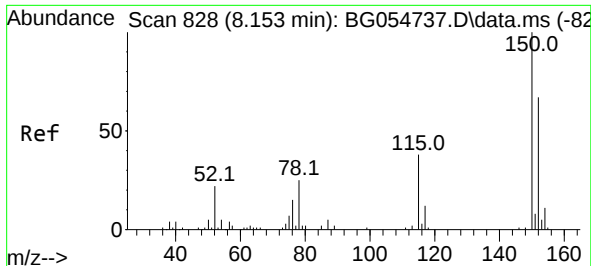
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 31 02:07:31 2022  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Aug 25 17:50:55 2022  
Response via : Initial Calibration

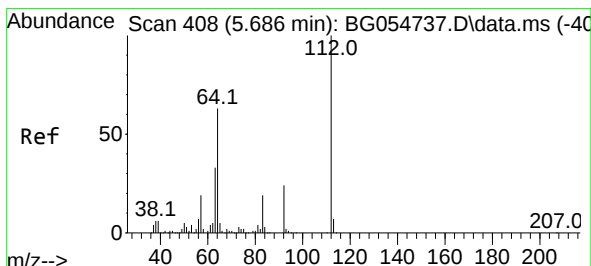
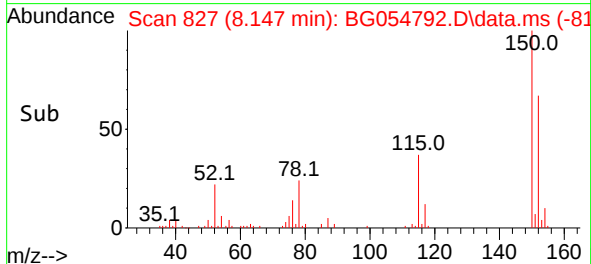
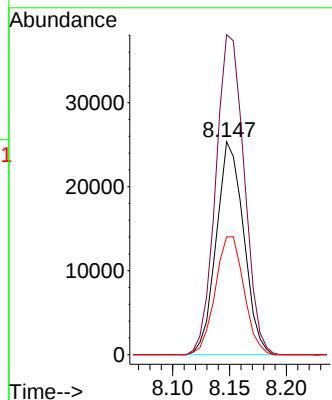
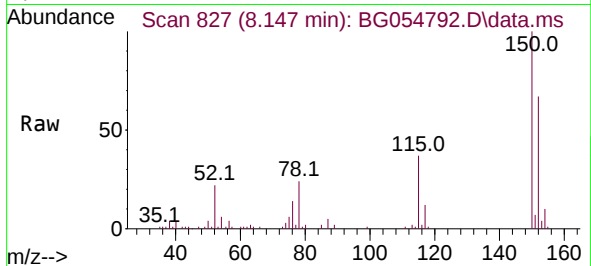




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.147 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BG054792.D  
Acq: 30 Aug 2022 16:35

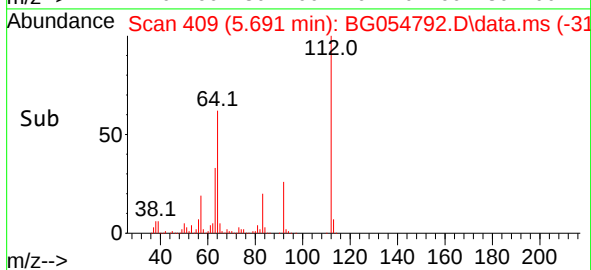
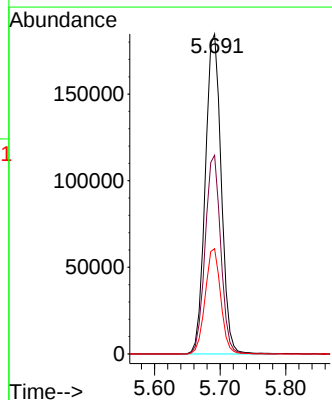
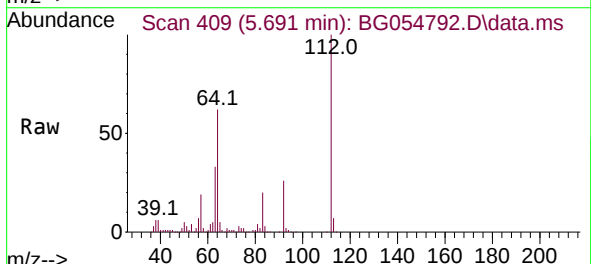
Instrument :  
BNA\_G  
ClientSampleId :  
WC-2

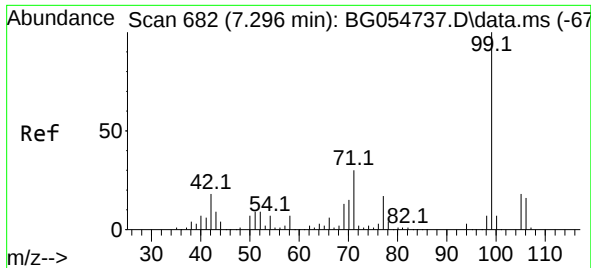
Tgt Ion:152 Resp: 42435  
Ion Ratio Lower Upper  
152 100  
150 150.4 125.2 187.8  
115 55.3 47.9 71.9



#5  
2-Fluorophenol  
Concen: 127.212 ng  
RT: 5.691 min Scan# 409  
Delta R.T. 0.006 min  
Lab File: BG054792.D  
Acq: 30 Aug 2022 16:35

Tgt Ion:112 Resp: 310002  
Ion Ratio Lower Upper  
112 100  
64 62.1 49.3 73.9  
63 32.9 26.3 39.5

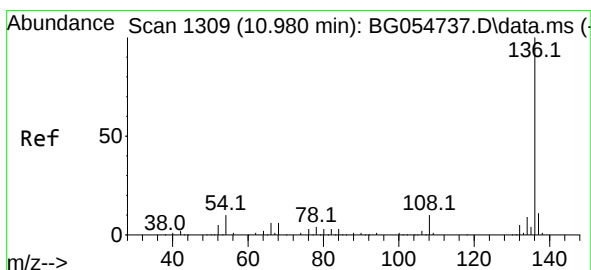
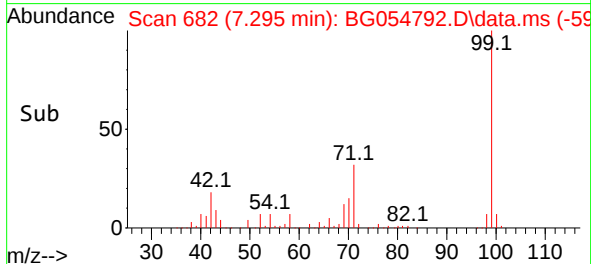
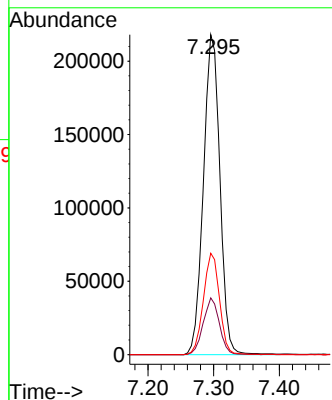
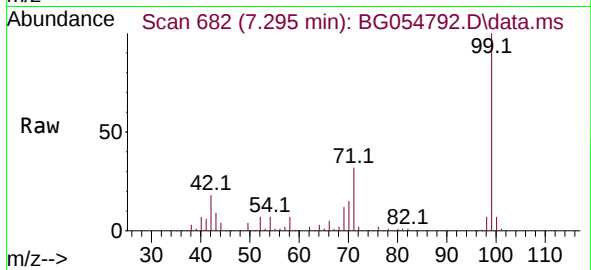




#7  
Phenol-d6  
Concen: 113.744 ng  
RT: 7.295 min Scan# 682  
Delta R.T. -0.000 min  
Lab File: BG054792.D  
Acq: 30 Aug 2022 16:35

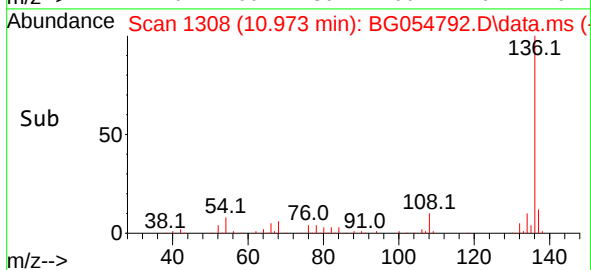
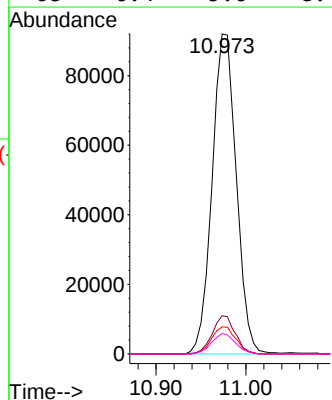
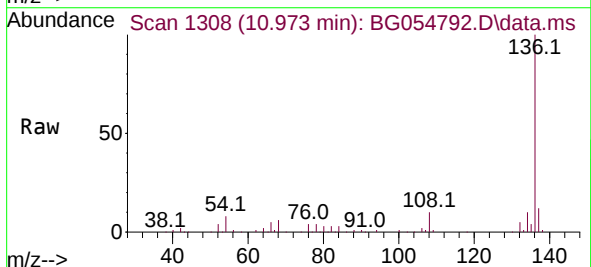
Instrument :  
BNA\_G  
ClientSampleId :  
WC-2

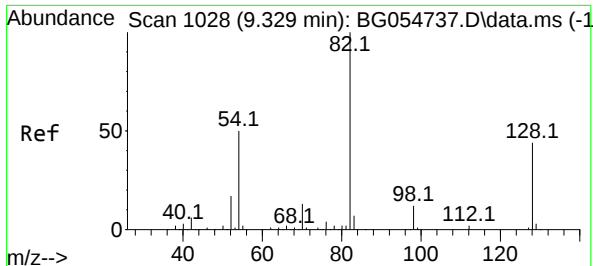
Tgt Ion: 99 Resp: 379067  
Ion Ratio Lower Upper  
99 100  
42 17.7 14.6 22.0  
71 31.7 24.6 37.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.973 min Scan# 1308  
Delta R.T. -0.007 min  
Lab File: BG054792.D  
Acq: 30 Aug 2022 16:35

Tgt Ion: 136 Resp: 172593  
Ion Ratio Lower Upper  
136 100  
137 11.9 9.2 13.8  
54 8.4 7.7 11.5  
68 6.4 5.6 8.4





#23

Nitrobenzene-d5

Concen: 85.904 ng

RT: 9.322 min Scan# 10

Delta R.T. -0.006 min

Lab File: BG054792.D

Acq: 30 Aug 2022 16:35

Instrument :

BNA\_G

ClientSampleId :

WC-2

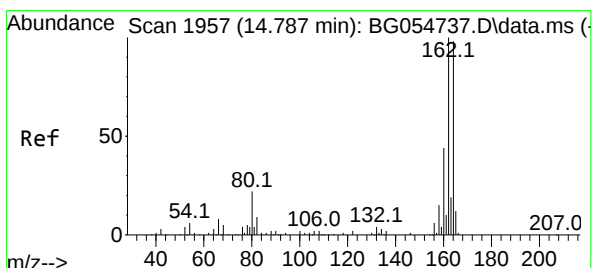
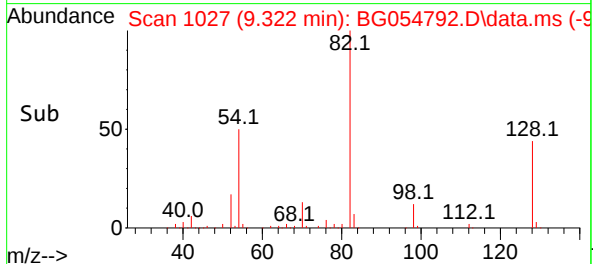
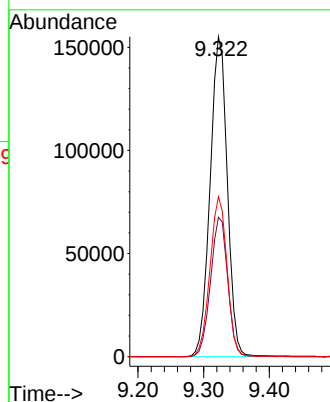
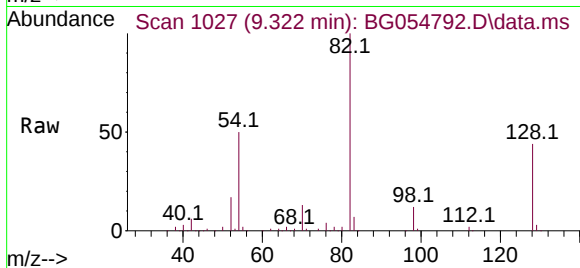
Tgt Ion: 82 Resp: 282427

Ion Ratio Lower Upper

82 100

128 43.6 32.2 48.2

54 50.0 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.781 min Scan# 1956

Delta R.T. -0.006 min

Lab File: BG054792.D

Acq: 30 Aug 2022 16:35

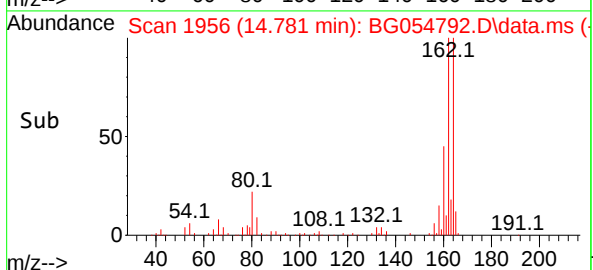
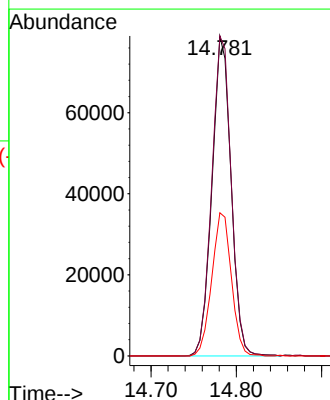
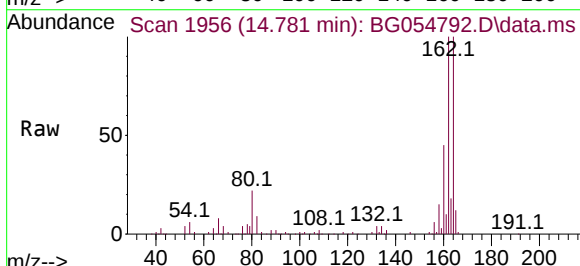
Tgt Ion:164 Resp: 122072

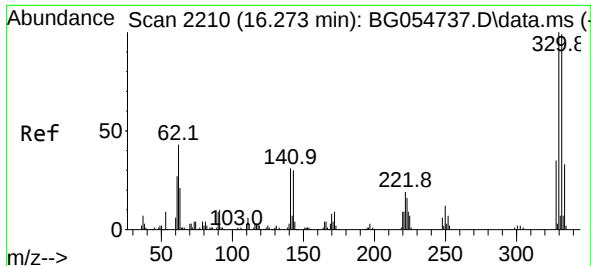
Ion Ratio Lower Upper

164 100

162 100.1 83.0 124.4

160 44.8 38.0 57.0

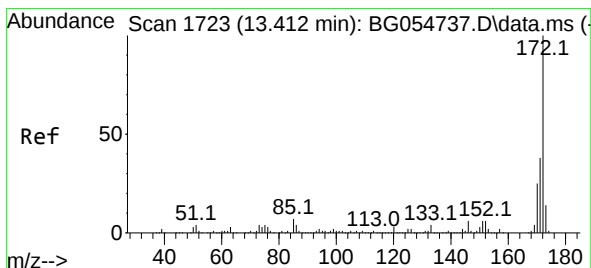
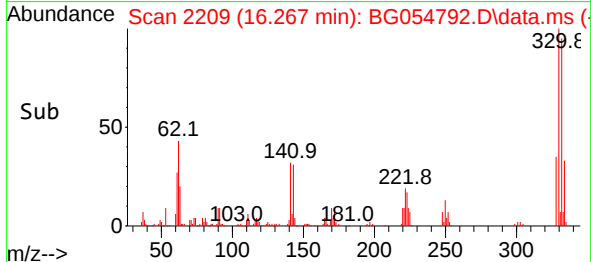
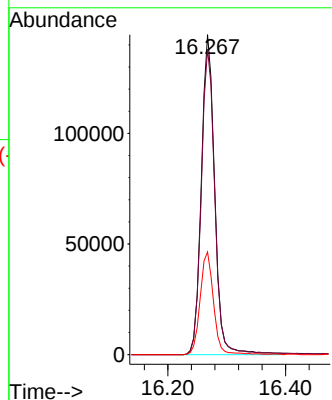
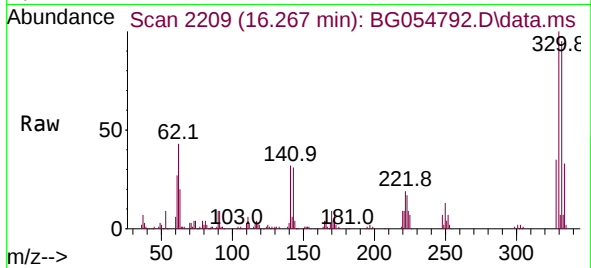




#42  
 2,4,6-Tribromophenol  
 Concen: 149.615 ng  
 RT: 16.267 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BG054792.D  
 Acq: 30 Aug 2022 16:35

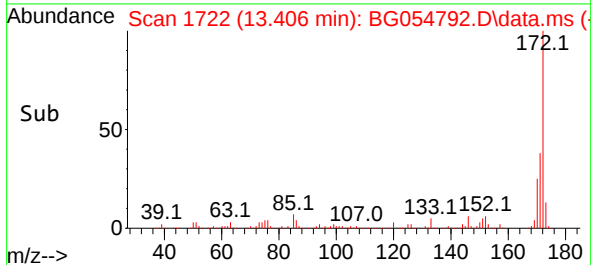
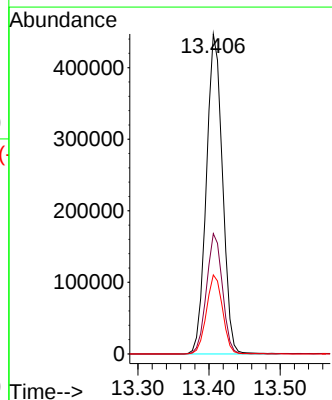
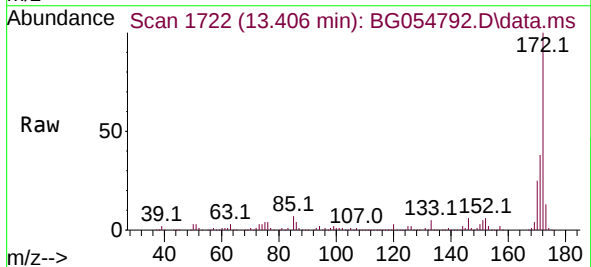
Instrument :  
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 ClientSampleId :  
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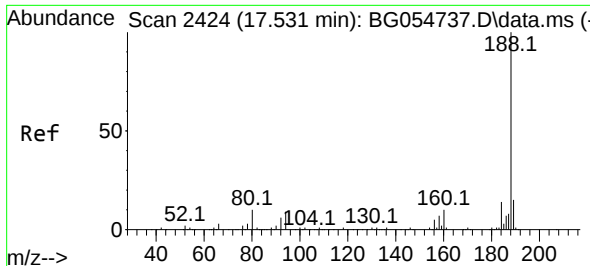
Tgt Ion:330 Resp: 228218  
 Ion Ratio Lower Upper  
 330 100  
 332 97.3 79.8 119.6  
 141 32.0 26.8 40.2



#45  
 2-Fluorobiphenyl  
 Concen: 86.290 ng  
 RT: 13.406 min Scan# 1722  
 Delta R.T. -0.006 min  
 Lab File: BG054792.D  
 Acq: 30 Aug 2022 16:35

Tgt Ion:172 Resp: 700834  
 Ion Ratio Lower Upper  
 172 100  
 171 37.6 31.2 46.8  
 170 24.7 20.6 30.8

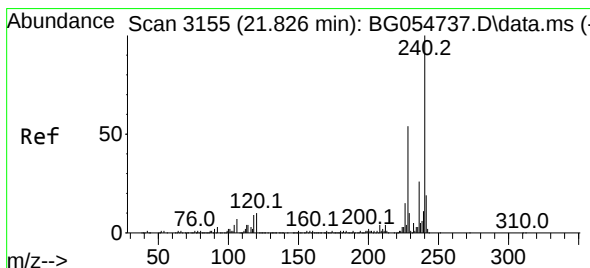
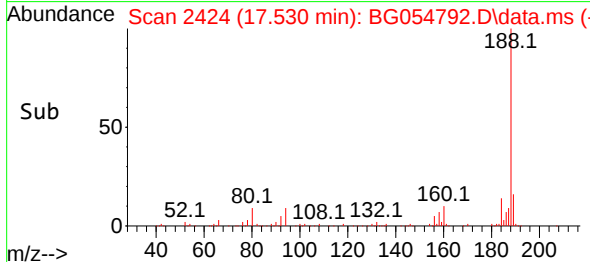
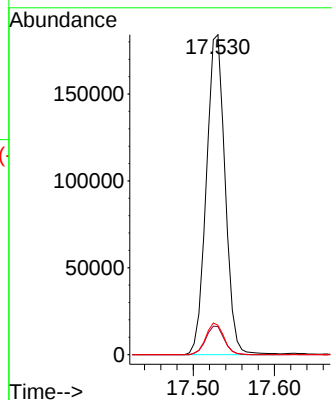
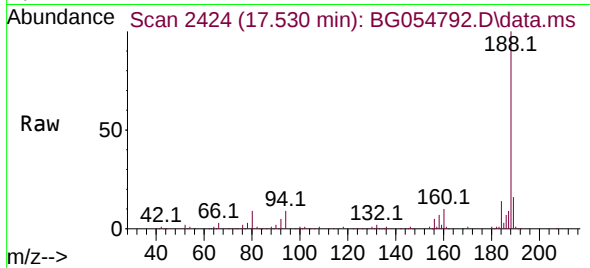




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.530 min Scan# 24  
Delta R.T. -0.000 min  
Lab File: BG054792.D  
Acq: 30 Aug 2022 16:35

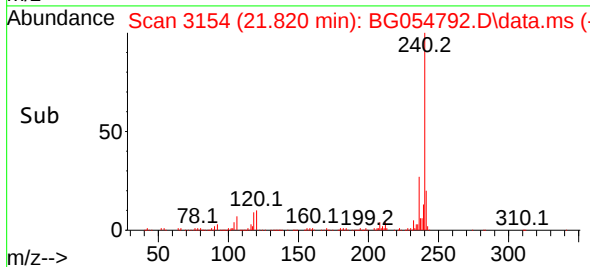
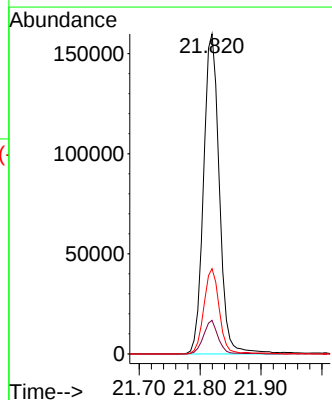
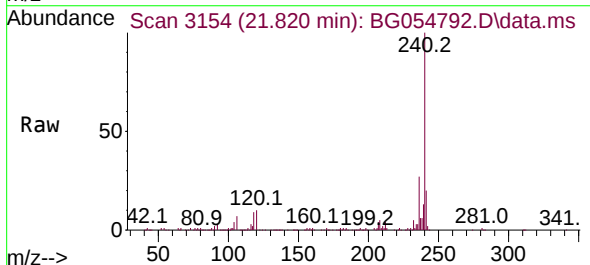
Instrument :  
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ClientSampleId :  
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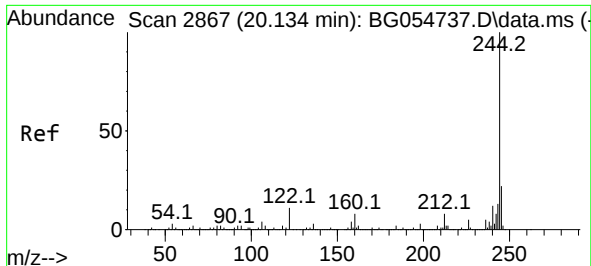
Tgt Ion:188 Resp: 295197  
Ion Ratio Lower Upper  
188 100  
94 8.8 7.0 10.4  
80 9.2 7.9 11.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.820 min Scan# 3154  
Delta R.T. -0.006 min  
Lab File: BG054792.D  
Acq: 30 Aug 2022 16:35

Tgt Ion:240 Resp: 287193  
Ion Ratio Lower Upper  
240 100  
120 10.5 8.2 12.4  
236 26.6 21.2 31.8

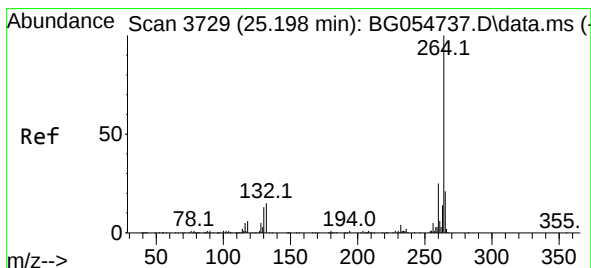
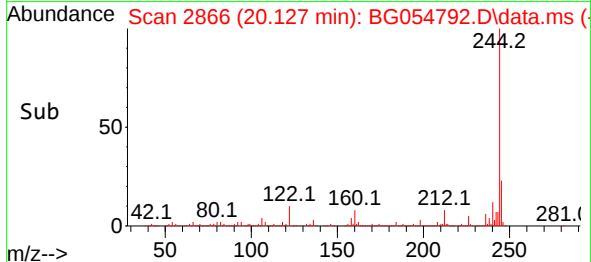
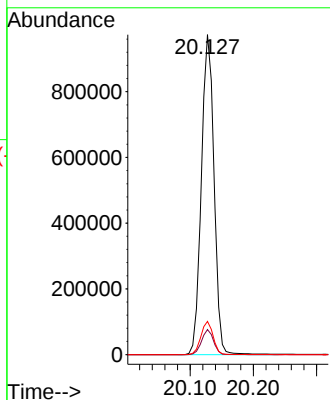
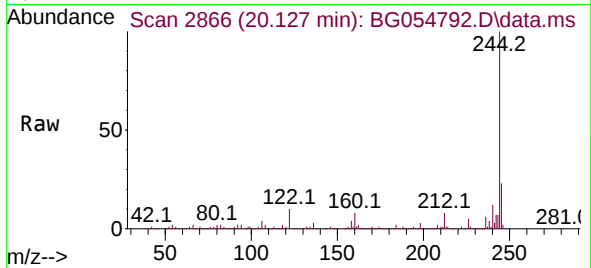




#79  
 Terphenyl-d14  
 Concen: 93.328 ng  
 RT: 20.127 min Scan# 2866  
 Delta R.T. -0.006 min  
 Lab File: BG054792.D  
 Acq: 30 Aug 2022 16:35

Instrument :  
 BNA\_G  
 ClientSampleId :  
 WC-2

Tgt Ion:244 Resp: 1352740  
 Ion Ratio Lower Upper  
 244 100  
 212 7.8 6.2 9.2  
 122 10.4 9.0 13.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.186 min Scan# 3727  
 Delta R.T. -0.012 min  
 Lab File: BG054792.D  
 Acq: 30 Aug 2022 16:35

Tgt Ion:264 Resp: 298420  
 Ion Ratio Lower Upper  
 264 100  
 260 24.1 19.9 29.9  
 265 21.1 16.9 25.3

