

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091222\  
 Data File : BG054911.D  
 Acq On : 12 Sep 2022 18:12  
 Operator : CG/JU  
 Sample : N4555-02  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 257248-4

Quant Time: Sep 13 03:06:37 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 10 01:53:42 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.137  | 152  | 33479    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.969 | 136  | 132914   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.776 | 164  | 97326    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.526 | 188  | 237033   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.815 | 240  | 258197   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 25.194 | 264  | 267808   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.681  | 112  | 111134   | 57.805  | ng    | 0.00     |
| 7) Phenol-d6                | 7.297  | 99   | 83915    | 31.916  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.312  | 82   | 214314   | 84.647  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.269 | 330  | 182620   | 150.162 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.396 | 172  | 583450   | 90.103  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.123 | 244  | 1086149  | 83.350  | ng    | 0.00     |

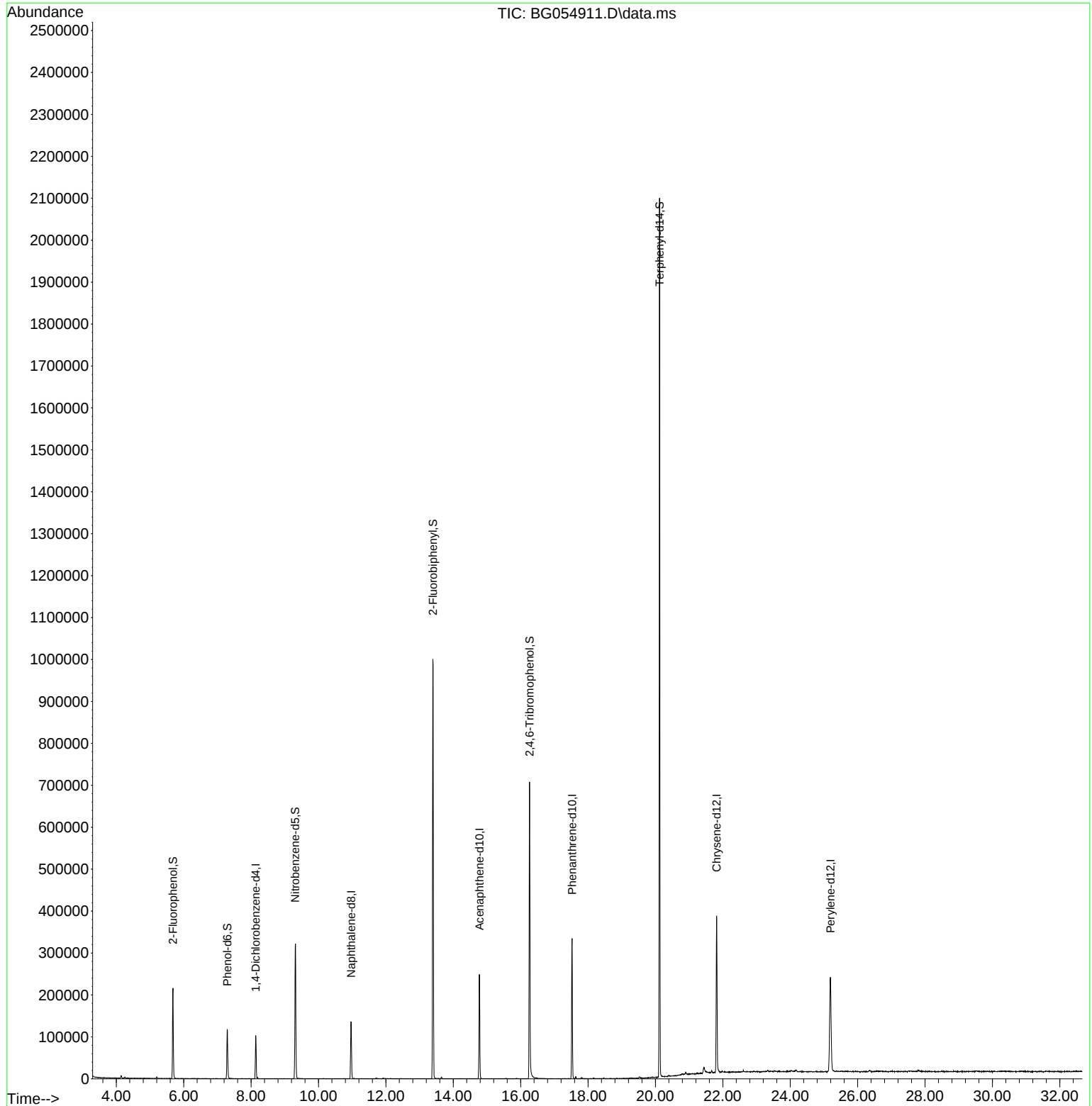
Target Compounds Qvalue

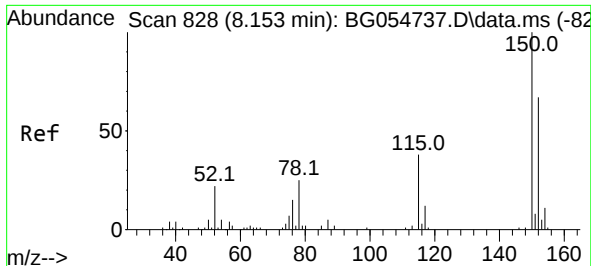
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091222\  
Data File : BG054911.D  
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Instrument :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Sep 10 01:53:42 2022  
Response via : Initial Calibration

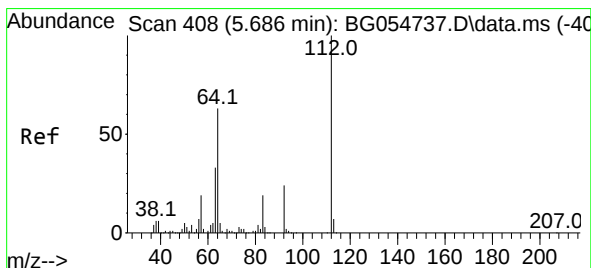
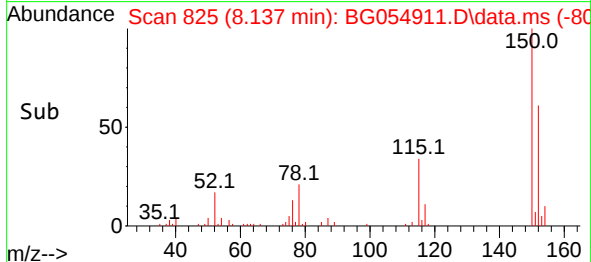
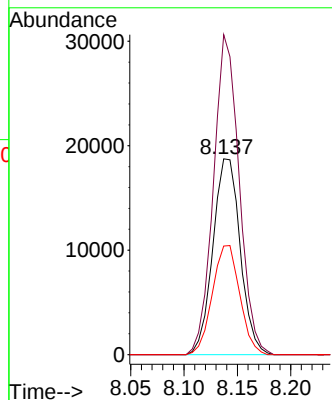
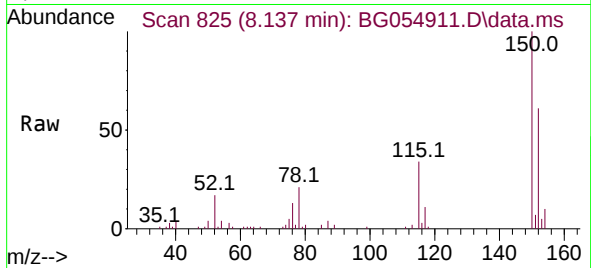




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.137 min Scan# 81  
Delta R.T. -0.009 min  
Lab File: BG054911.D  
Acq: 12 Sep 2022 18:12

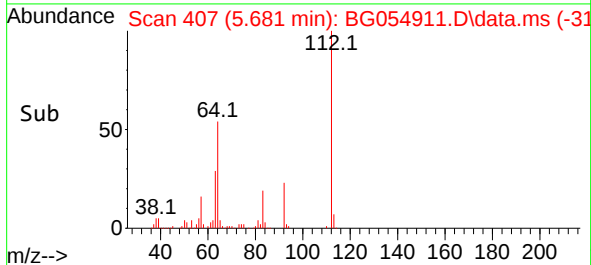
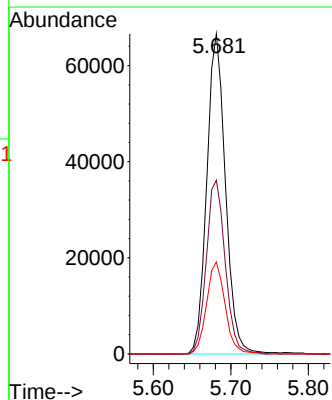
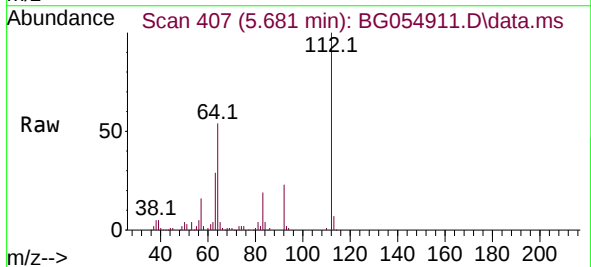
Instrument :  
BNA\_G  
ClientSampleId :  
257248-4

Tgt Ion:152 Resp: 33479  
Ion Ratio Lower Upper  
152 100  
150 163.4 125.2 187.8  
115 55.5 47.9 71.9



#5  
2-Fluorophenol  
Concen: 57.805 ng  
RT: 5.681 min Scan# 407  
Delta R.T. -0.003 min  
Lab File: BG054911.D  
Acq: 12 Sep 2022 18:12

Tgt Ion:112 Resp: 111134  
Ion Ratio Lower Upper  
112 100  
64 54.3 49.3 73.9  
63 28.7 26.3 39.5

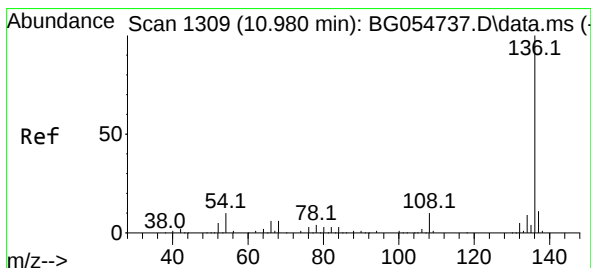
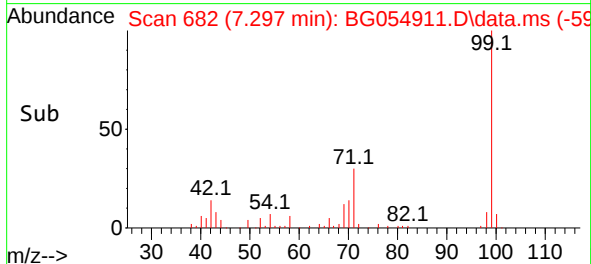
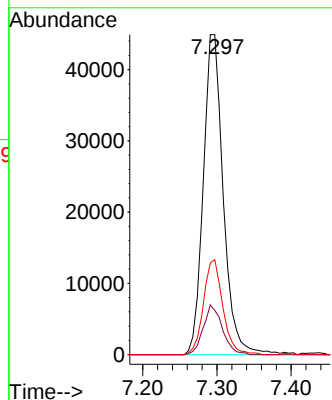
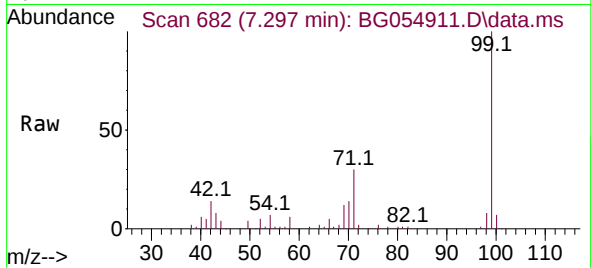




#7  
Phenol-d6  
Concen: 31.916 ng  
RT: 7.297 min Scan# 681  
Delta R.T. -0.003 min  
Lab File: BG054911.D  
Acq: 12 Sep 2022 18:12

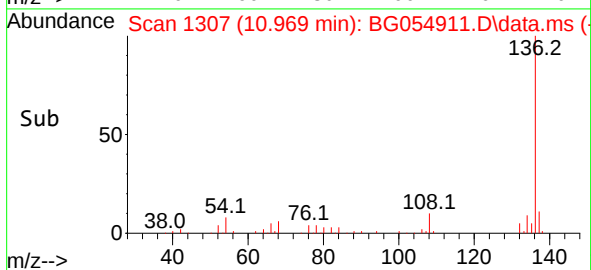
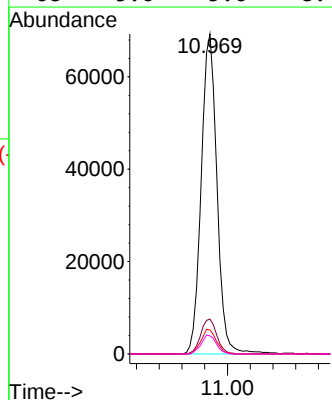
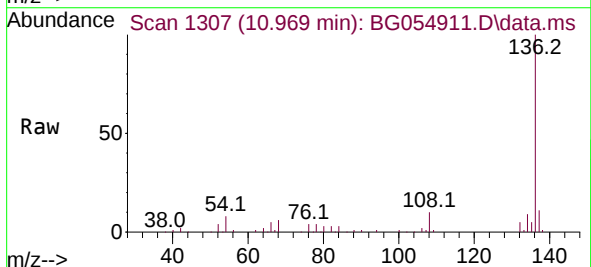
Instrument :  
BNA\_G  
ClientSampleId :  
257248-4

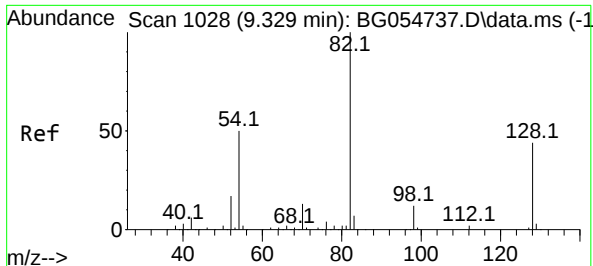
Tgt Ion: 99 Resp: 83915  
Ion Ratio Lower Upper  
99 100  
42 13.8 14.6 22.0#  
71 29.7 24.6 37.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.969 min Scan# 1307  
Delta R.T. -0.003 min  
Lab File: BG054911.D  
Acq: 12 Sep 2022 18:12

Tgt Ion: 136 Resp: 132914  
Ion Ratio Lower Upper  
136 100  
137 10.9 9.2 13.8  
54 7.5 7.7 11.5#  
68 5.6 5.6 8.4





#23

Nitrobenzene-d5

Concen: 84.647 ng

RT: 9.312 min Scan# 1025

Delta R.T. -0.009 min

Lab File: BG054911.D

Acq: 12 Sep 2022 18:12

Instrument :

BNA\_G

ClientSampleId :

257248-4

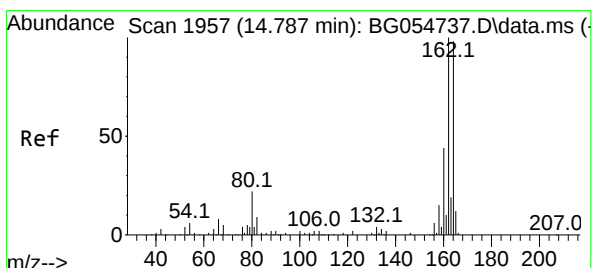
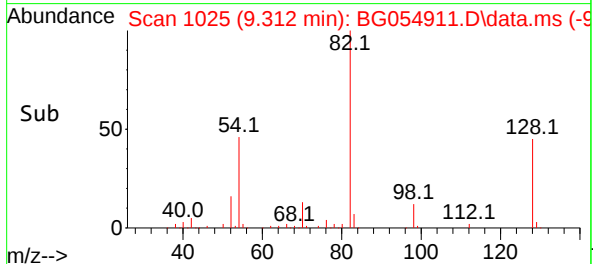
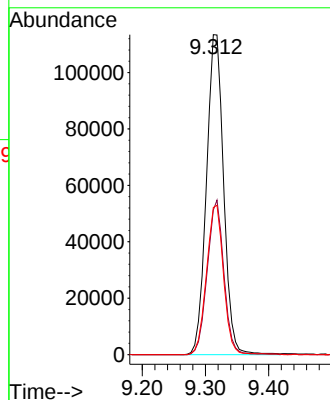
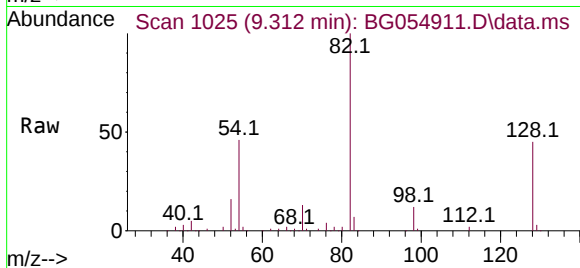
Tgt Ion: 82 Resp: 214314

Ion Ratio Lower Upper

82 100

128 45.2 32.2 48.2

54 46.0 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.776 min Scan# 1955

Delta R.T. -0.003 min

Lab File: BG054911.D

Acq: 12 Sep 2022 18:12

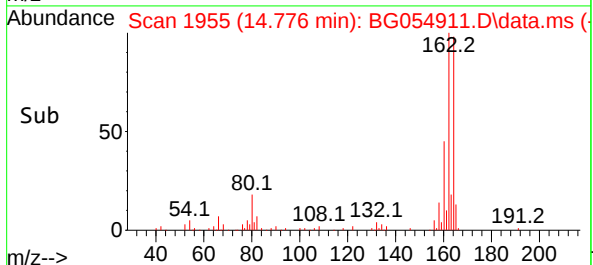
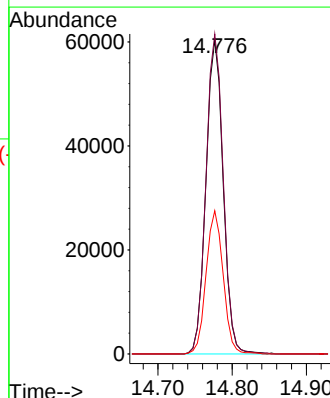
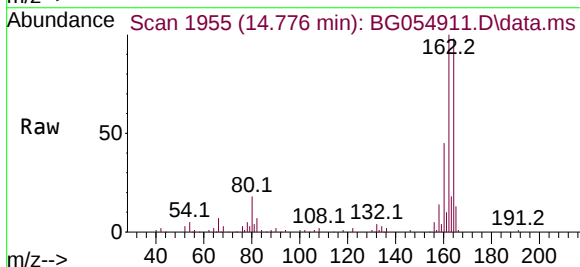
Tgt Ion: 164 Resp: 97326

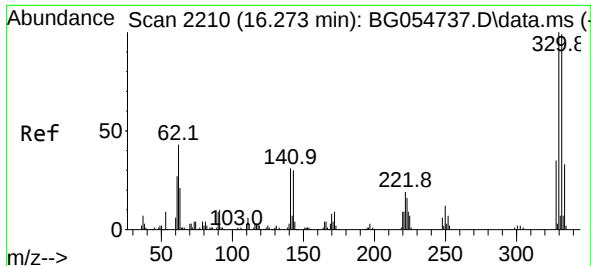
Ion Ratio Lower Upper

164 100

162 102.0 83.0 124.4

160 45.6 38.0 57.0

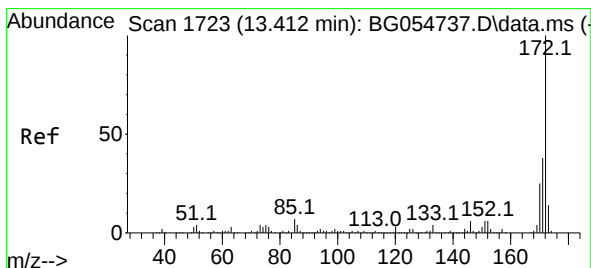
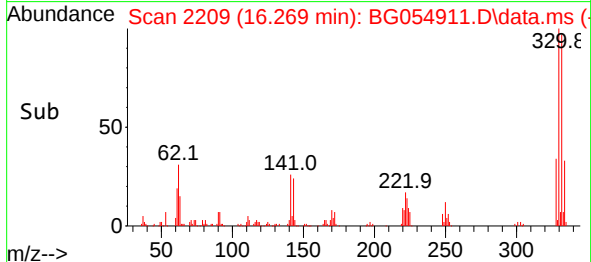
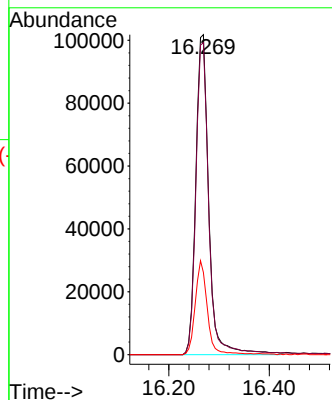
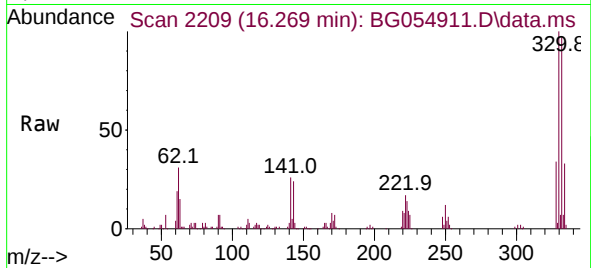




#42  
2,4,6-Tribromophenol  
Concen: 150.162 ng  
RT: 16.269 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BG054911.D  
Acq: 12 Sep 2022 18:12

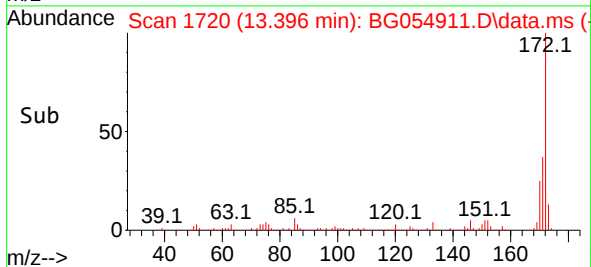
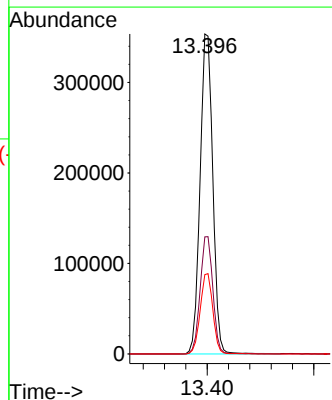
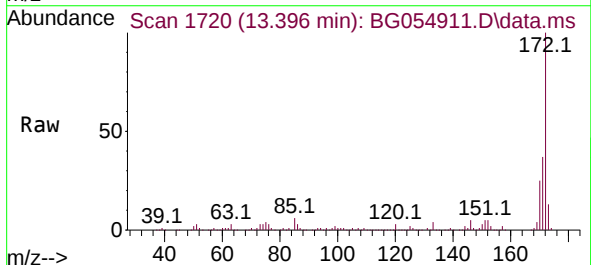
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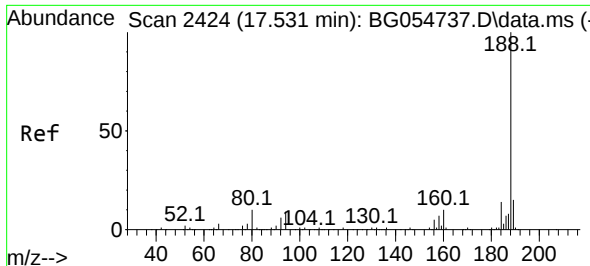
Tgt Ion:330 Resp: 182620  
Ion Ratio Lower Upper  
330 100  
332 97.6 79.8 119.6  
141 27.1 26.8 40.2



#45  
2-Fluorobiphenyl  
Concen: 90.103 ng  
RT: 13.396 min Scan# 1720  
Delta R.T. -0.009 min  
Lab File: BG054911.D  
Acq: 12 Sep 2022 18:12

Tgt Ion:172 Resp: 583450  
Ion Ratio Lower Upper  
172 100  
171 36.6 31.2 46.8  
170 24.8 20.6 30.8

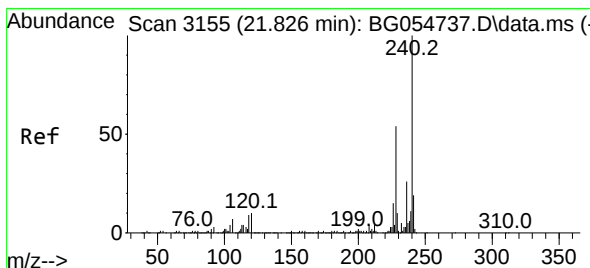
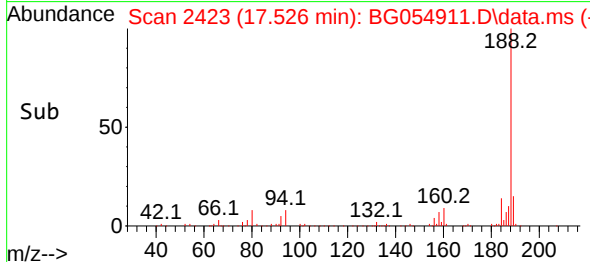
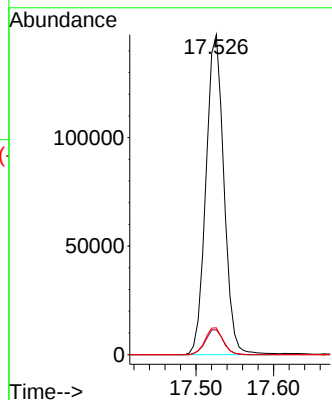
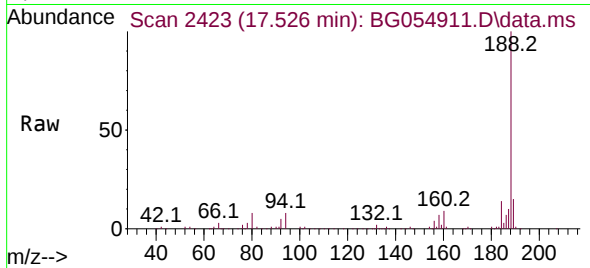




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.526 min Scan# 24  
Delta R.T. -0.003 min  
Lab File: BG054911.D  
Acq: 12 Sep 2022 18:12

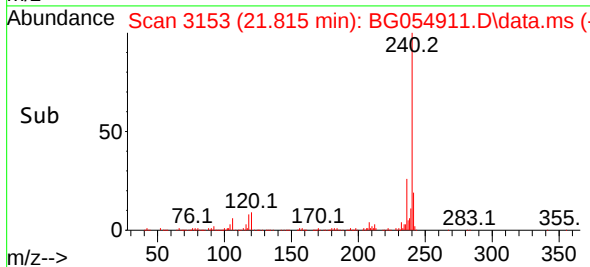
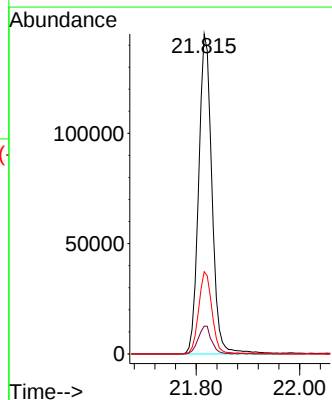
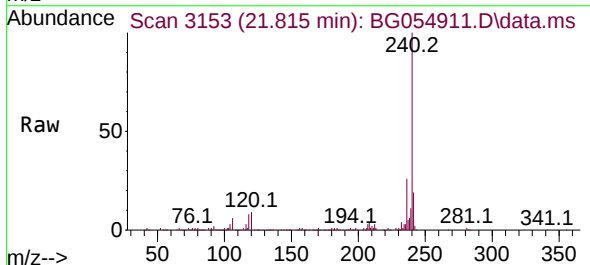
Instrument :  
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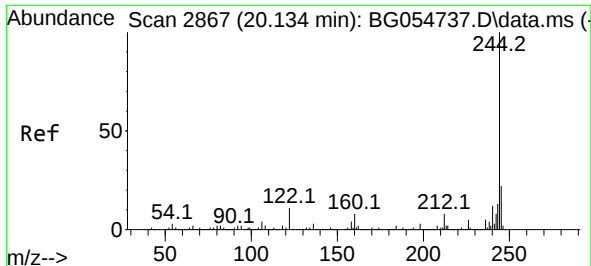
Tgt Ion:188 Resp: 237033  
Ion Ratio Lower Upper  
188 100  
94 7.7 7.0 10.4  
80 8.4 7.9 11.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.815 min Scan# 3153  
Delta R.T. -0.009 min  
Lab File: BG054911.D  
Acq: 12 Sep 2022 18:12

Tgt Ion:240 Resp: 258197  
Ion Ratio Lower Upper  
240 100  
120 8.7 8.2 12.4  
236 25.7 21.2 31.8

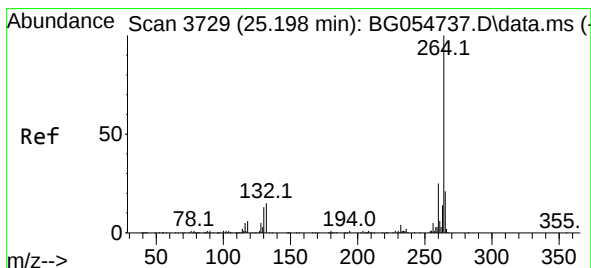
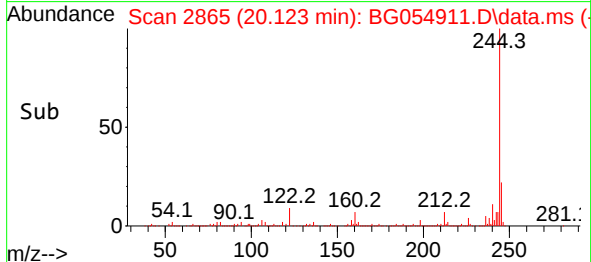
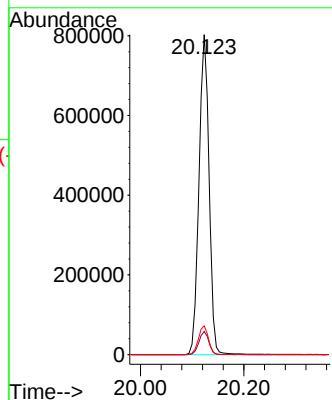
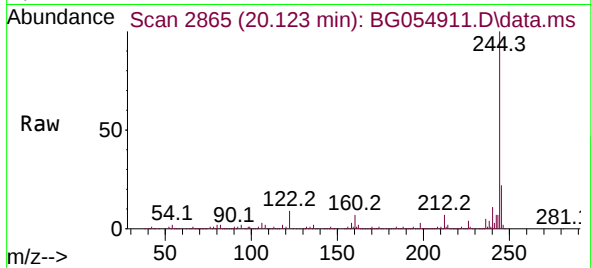




#79  
 Terphenyl-d14  
 Concen: 83.350 ng  
 RT: 20.123 min Scan# 2865  
 Delta R.T. -0.003 min  
 Lab File: BG054911.D  
 Acq: 12 Sep 2022 18:12

Instrument :  
 BNA\_G  
 ClientSampleId :  
 257248-4

Tgt Ion:244 Resp: 1086149  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 6.2 9.2  
 122 9.0 9.0 13.6#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.194 min Scan# 3728  
 Delta R.T. -0.009 min  
 Lab File: BG054911.D  
 Acq: 12 Sep 2022 18:12

Tgt Ion:264 Resp: 267808  
 Ion Ratio Lower Upper  
 264 100  
 260 23.6 19.9 29.9  
 265 21.2 16.9 25.3

