

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091322\  
 Data File : BG054937.D  
 Acq On : 14 Sep 2022 1:19  
 Operator : CG/JU  
 Sample : N4579-07  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CHERRY-HILL-COMP-12

Quant Time: Sep 14 03:25:54 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   | 8.135  | 152  | 46608    | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.961 | 136  | 184188   | 20.000 | ng    | #-0.01   |
| 39) Acenaphthene-d10        | 14.768 | 164  | 124088   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.518 | 188  | 277415   | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12            | 21.813 | 240  | 277828   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 25.185 | 264  | 292441   | 20.000 | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.679  | 112  | 246167   | 91.973 | ng    | 0.00     |
| 7) Phenol-d6                | 7.288  | 99   | 322710   | 88.163 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 9.310  | 82   | 187303   | 53.384 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 16.260 | 330  | 153258   | 98.840 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.393 | 172  | 480236   | 58.169 | ng    | -0.01    |
| 79) Terphenyl-d14           | 20.115 | 244  | 769651   | 54.889 | ng    | -0.01    |

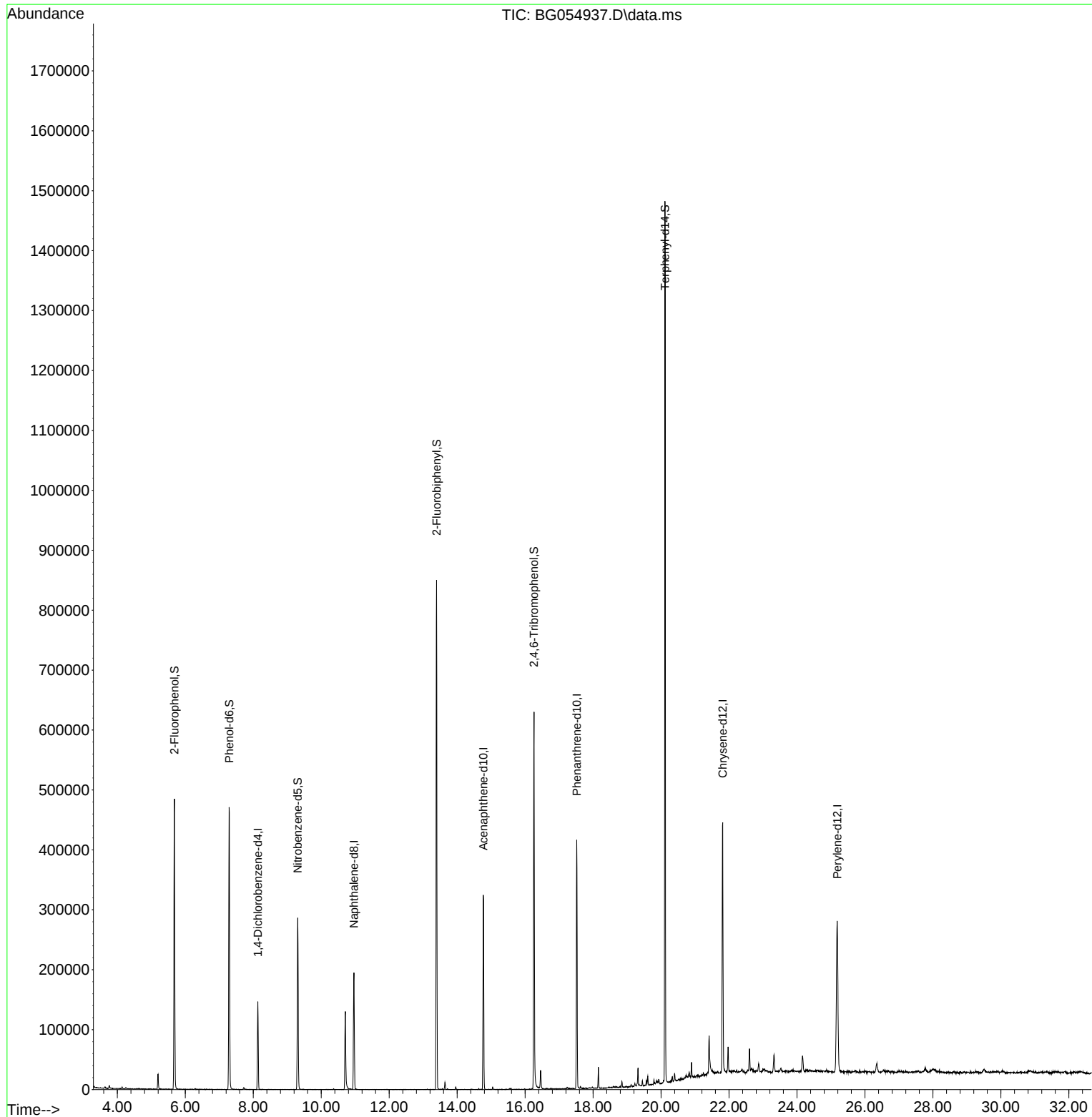
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|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

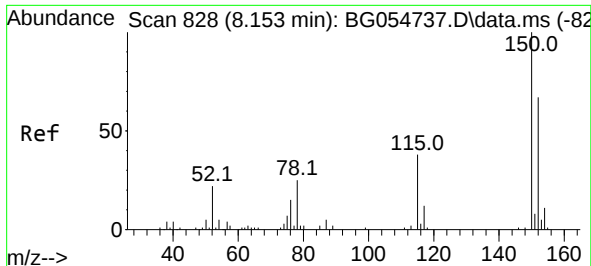
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Sep 10 01:53:42 2022  
Response via : Initial Calibration

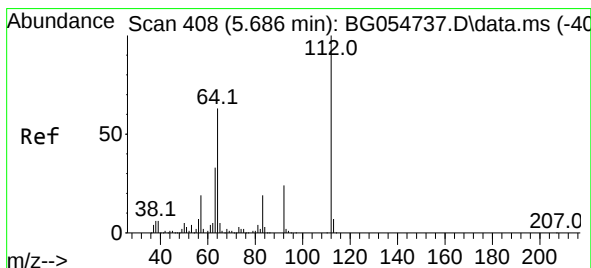
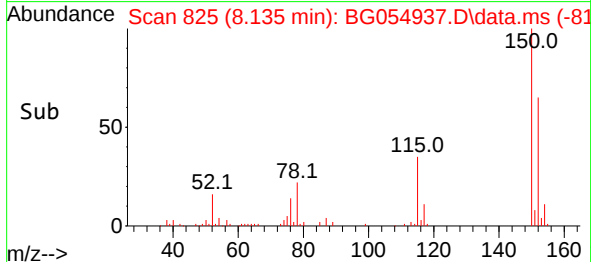
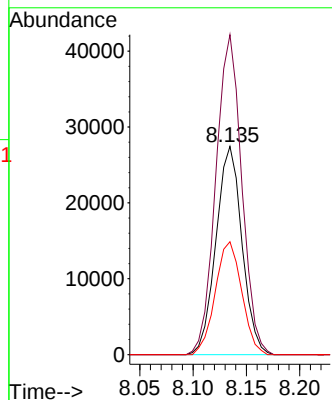
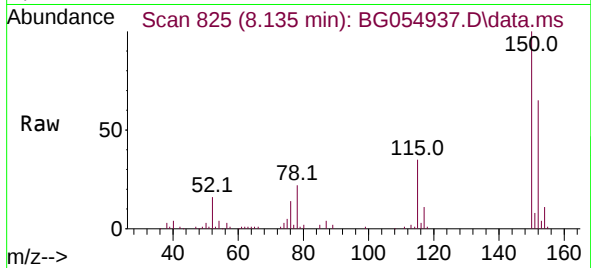




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.135 min Scan# 81  
Delta R.T. -0.011 min  
Lab File: BG054937.D  
Acq: 14 Sep 2022 1:19

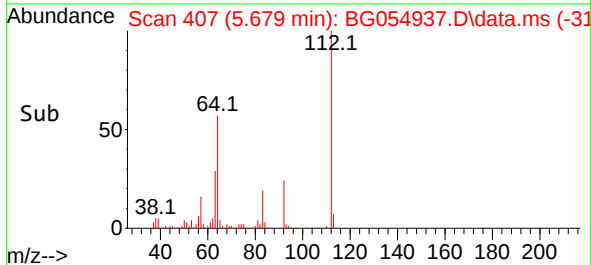
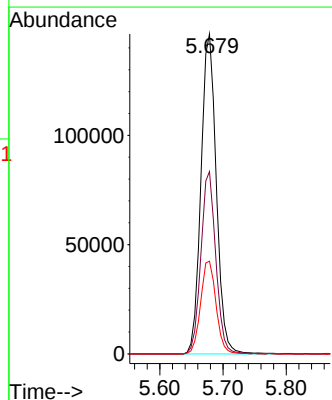
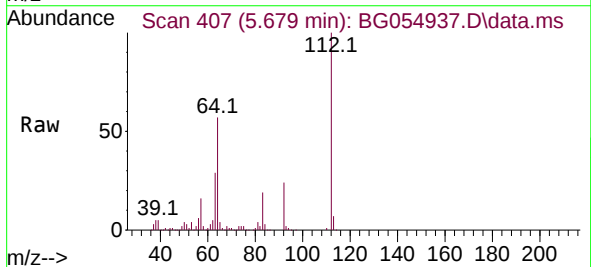
Instrument :  
BNA\_G  
ClientSampleId :  
CHERRY-HILL-COMP-12

Tgt Ion:152 Resp: 46608  
Ion Ratio Lower Upper  
152 100  
150 153.6 125.2 187.8  
115 54.2 47.9 71.9



#5  
2-Fluorophenol  
Concen: 91.973 ng  
RT: 5.679 min Scan# 407  
Delta R.T. -0.006 min  
Lab File: BG054937.D  
Acq: 14 Sep 2022 1:19

Tgt Ion:112 Resp: 246167  
Ion Ratio Lower Upper  
112 100  
64 57.0 49.3 73.9  
63 29.0 26.3 39.5

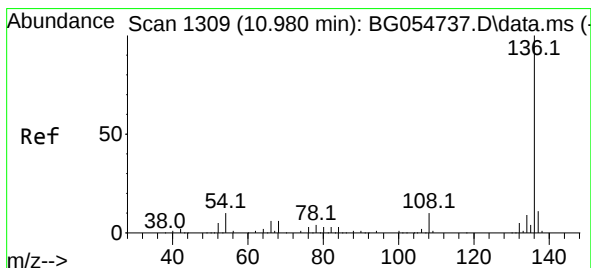
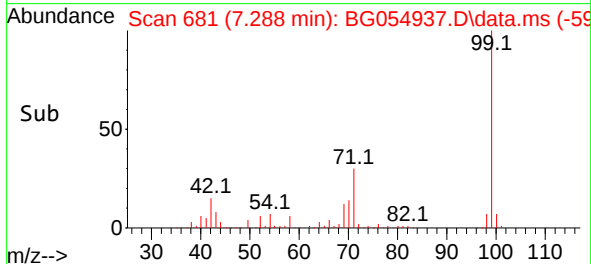
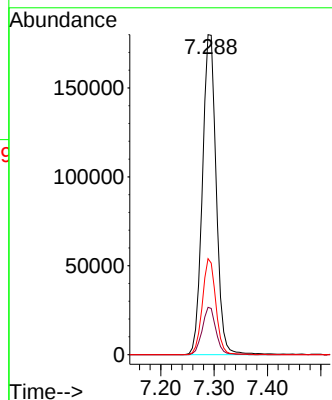
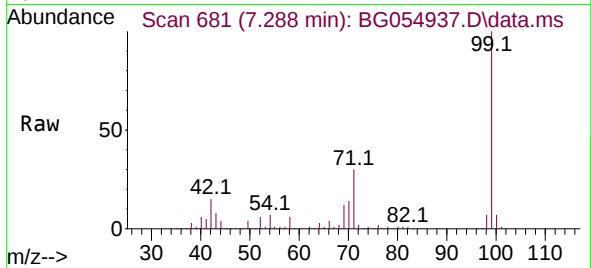




#7  
Phenol-d6  
Concen: 88.163 ng  
RT: 7.288 min Scan# 681  
Delta R.T. -0.012 min  
Lab File: BG054937.D  
Acq: 14 Sep 2022 1:19

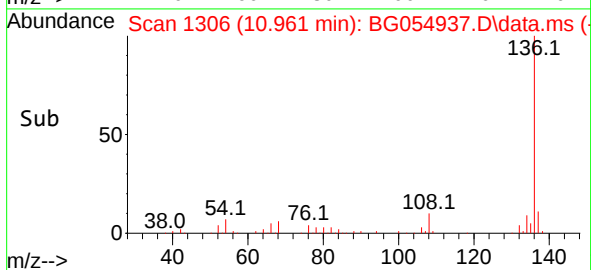
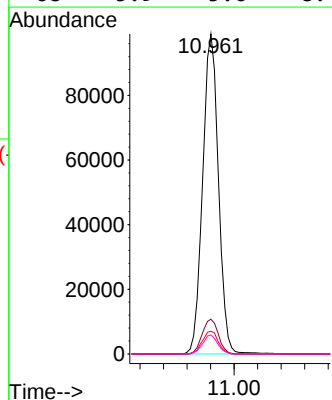
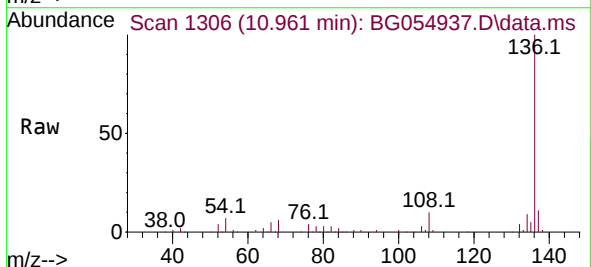
Instrument :  
BNA\_G  
ClientSampleId :  
CHERRY-HILL-COMP-12

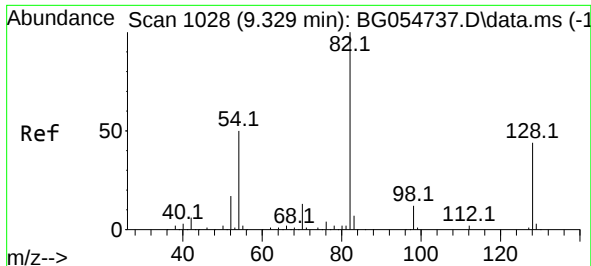
Tgt Ion: 99 Resp: 322710  
Ion Ratio Lower Upper  
99 100  
42 14.8 14.6 22.0  
71 30.0 24.6 37.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.961 min Scan# 1306  
Delta R.T. -0.012 min  
Lab File: BG054937.D  
Acq: 14 Sep 2022 1:19

Tgt Ion: 136 Resp: 184188  
Ion Ratio Lower Upper  
136 100  
137 10.8 9.2 13.8  
54 7.1 7.7 11.5#  
68 5.9 5.6 8.4





#23

Nitrobenzene-d5

Concen: 53.384 ng

RT: 9.310 min Scan# 1025

Delta R.T. -0.012 min

Lab File: BG054937.D

Acq: 14 Sep 2022 1:19

Instrument :

BNA\_G

ClientSampleId :

CHERRY-HILL-COMP-12

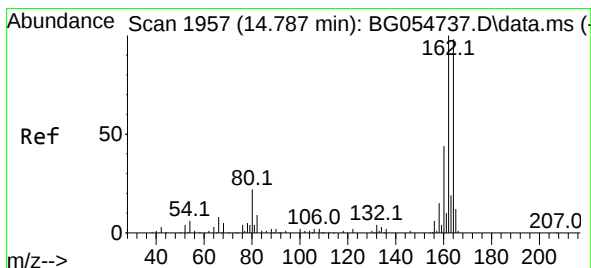
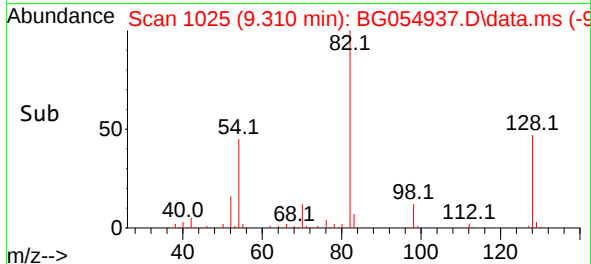
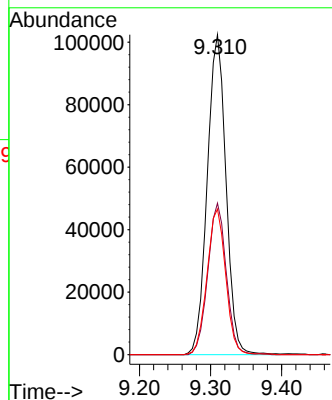
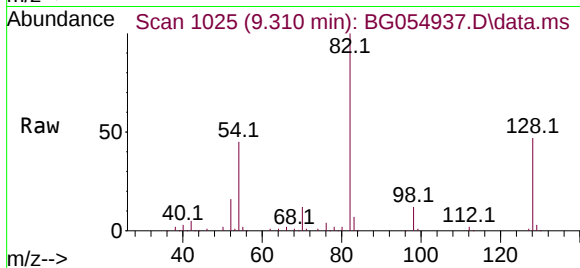
Tgt Ion: 82 Resp: 187303

Ion Ratio Lower Upper

82 100

128 47.3 32.2 48.2

54 45.5 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.768 min Scan# 1954

Delta R.T. -0.012 min

Lab File: BG054937.D

Acq: 14 Sep 2022 1:19

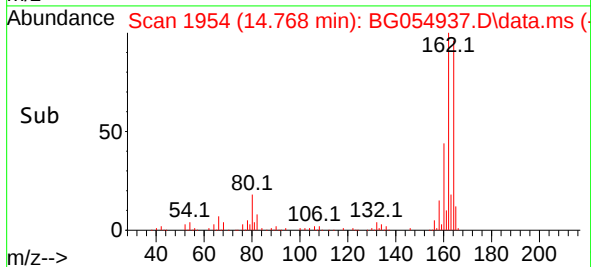
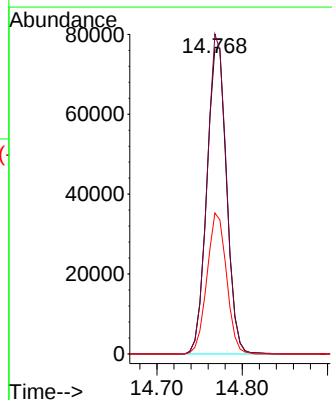
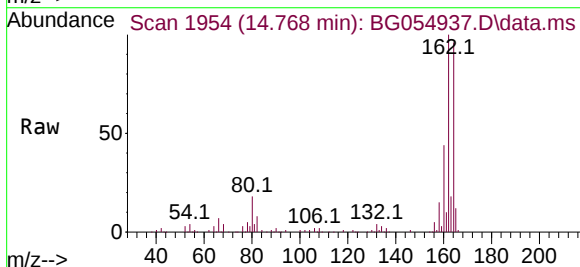
Tgt Ion:164 Resp: 124088

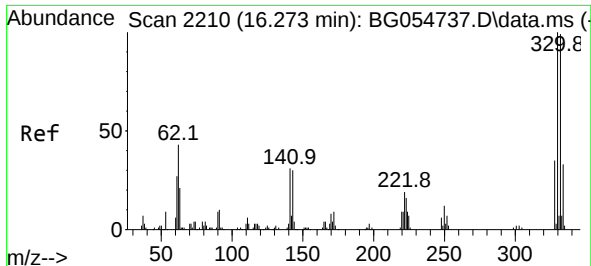
Ion Ratio Lower Upper

164 100

162 104.3 83.0 124.4

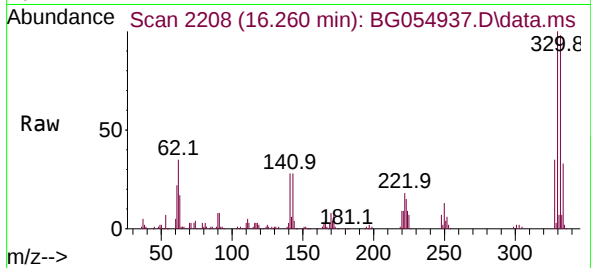
160 45.9 38.0 57.0



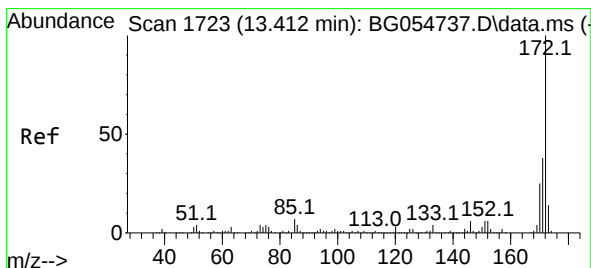
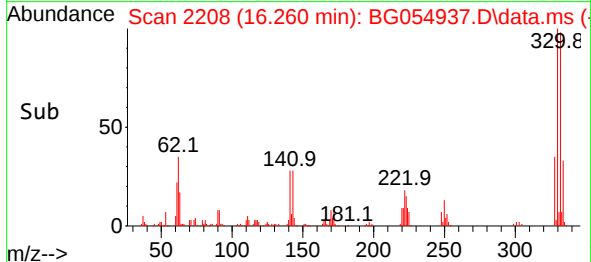
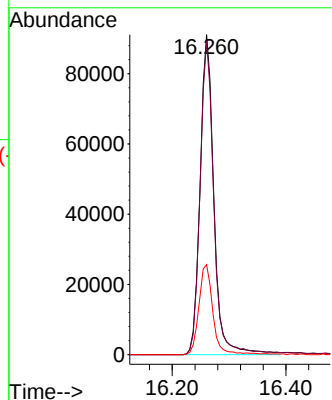


#42  
2,4,6-Tribromophenol  
Concen: 98.840 ng  
RT: 16.260 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BG054937.D  
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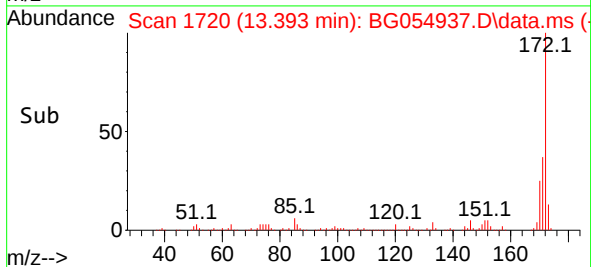
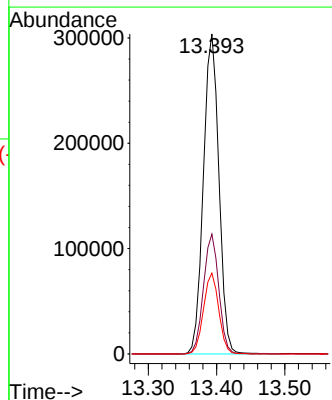
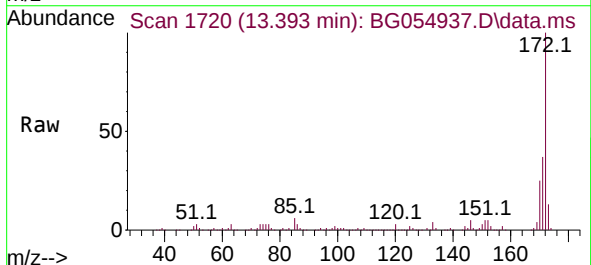


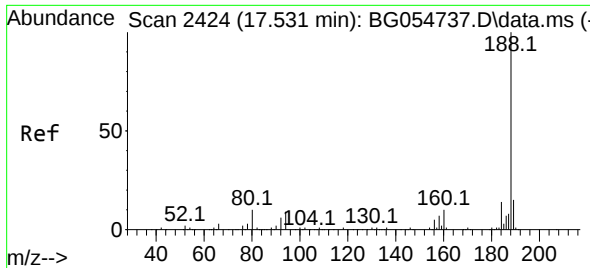
Tgt Ion:330 Resp: 153258  
Ion Ratio Lower Upper  
330 100  
332 98.3 79.8 119.6  
141 28.0 26.8 40.2



#45  
2-Fluorobiphenyl  
Concen: 58.169 ng  
RT: 13.393 min Scan# 1720  
Delta R.T. -0.012 min  
Lab File: BG054937.D  
Acq: 14 Sep 2022 1:19

Tgt Ion:172 Resp: 480236  
Ion Ratio Lower Upper  
172 100  
171 37.4 31.2 46.8  
170 25.3 20.6 30.8

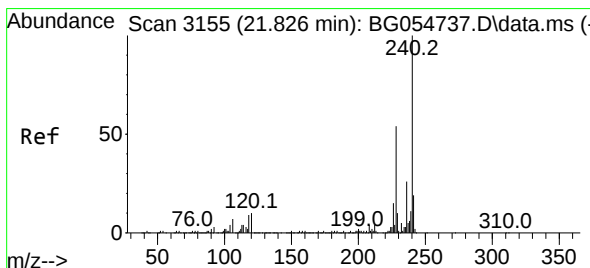
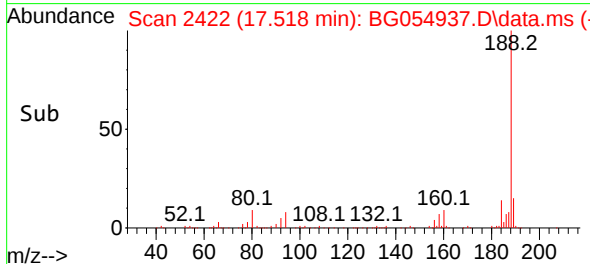
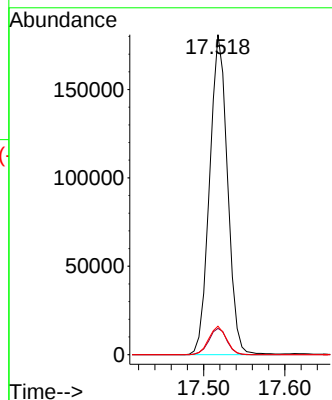
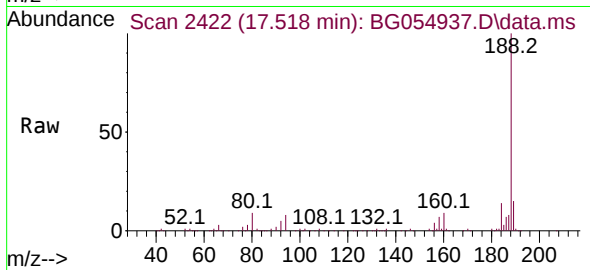




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.518 min Scan# 2422  
Delta R.T. -0.012 min  
Lab File: BG054937.D  
Acq: 14 Sep 2022 1:19

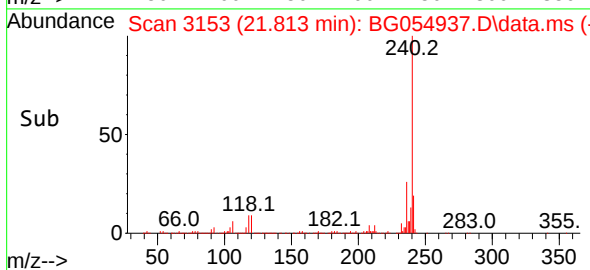
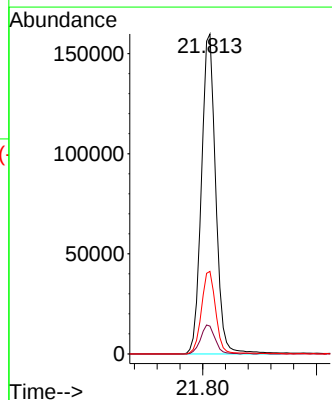
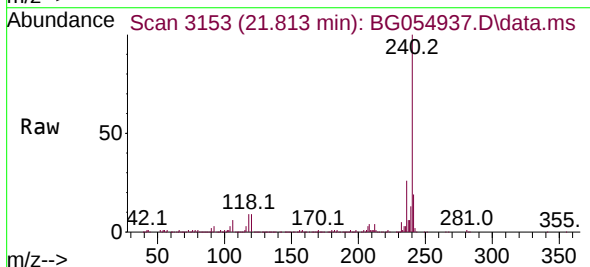
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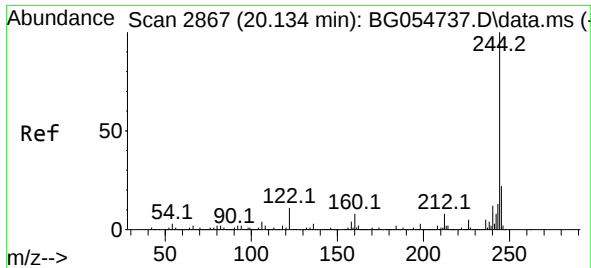
Tgt Ion:188 Resp: 277415  
Ion Ratio Lower Upper  
188 100  
94 8.2 7.0 10.4  
80 8.9 7.9 11.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.813 min Scan# 3153  
Delta R.T. -0.012 min  
Lab File: BG054937.D  
Acq: 14 Sep 2022 1:19

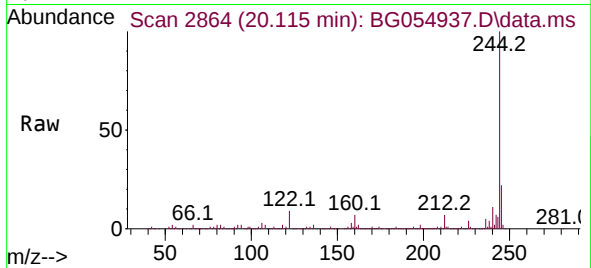
Tgt Ion:240 Resp: 277828  
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120 8.7 8.2 12.4  
236 25.8 21.2 31.8



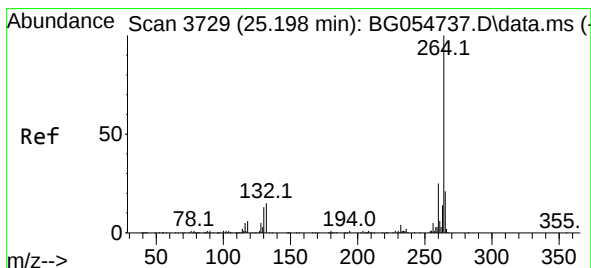
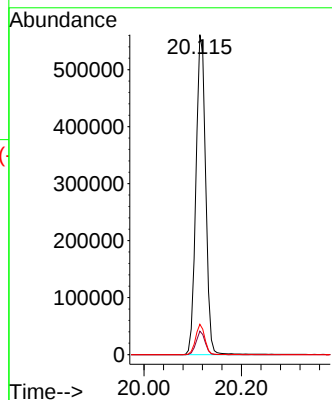
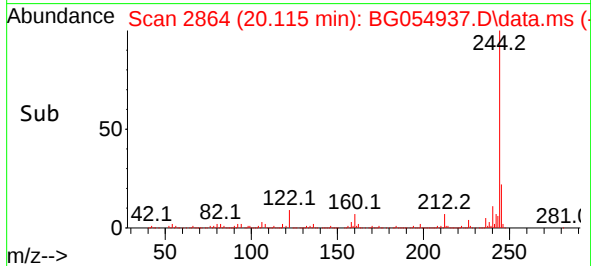


#79  
 Terphenyl-d14  
 Concen: 54.889 ng  
 RT: 20.115 min Scan# 2864  
 Delta R.T. -0.012 min  
 Lab File: BG054937.D  
 Acq: 14 Sep 2022 1:19

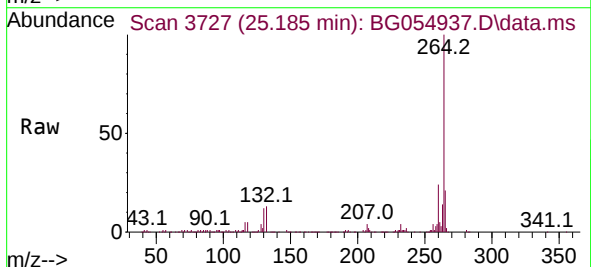
Instrument :  
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 CHERRY-HILL-COMP-12



Tgt Ion:244 Resp: 769651  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 6.2 9.2  
 122 9.5 9.0 13.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.185 min Scan# 3727  
 Delta R.T. -0.017 min  
 Lab File: BG054937.D  
 Acq: 14 Sep 2022 1:19



Tgt Ion:264 Resp: 292441  
 Ion Ratio Lower Upper  
 264 100  
 260 23.6 19.9 29.9  
 265 21.4 16.9 25.3

