

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091422\  
 Data File : BG054942.D  
 Acq On : 14 Sep 2022 13:57  
 Operator : CG/JU  
 Sample : N4579-23  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CHERRY-HILL-COMP-16

Quant Time: Sep 15 03:19:29 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 15 03:14:10 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.129  | 152  | 37014    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.961 | 136  | 154036   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.769 | 164  | 113733   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.518 | 188  | 261513   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.813 | 240  | 247753   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 25.186 | 264  | 262118   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.673  | 112  | 206199   | 97.008  | ng    | 0.00     |
| 7) Phenol-d6                | 7.289  | 99   | 280536   | 96.507  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.310  | 82   | 162154   | 55.263  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.261 | 330  | 142419   | 100.213 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.394 | 172  | 436435   | 57.676  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.115 | 244  | 686127   | 54.873  | ng    | 0.00     |

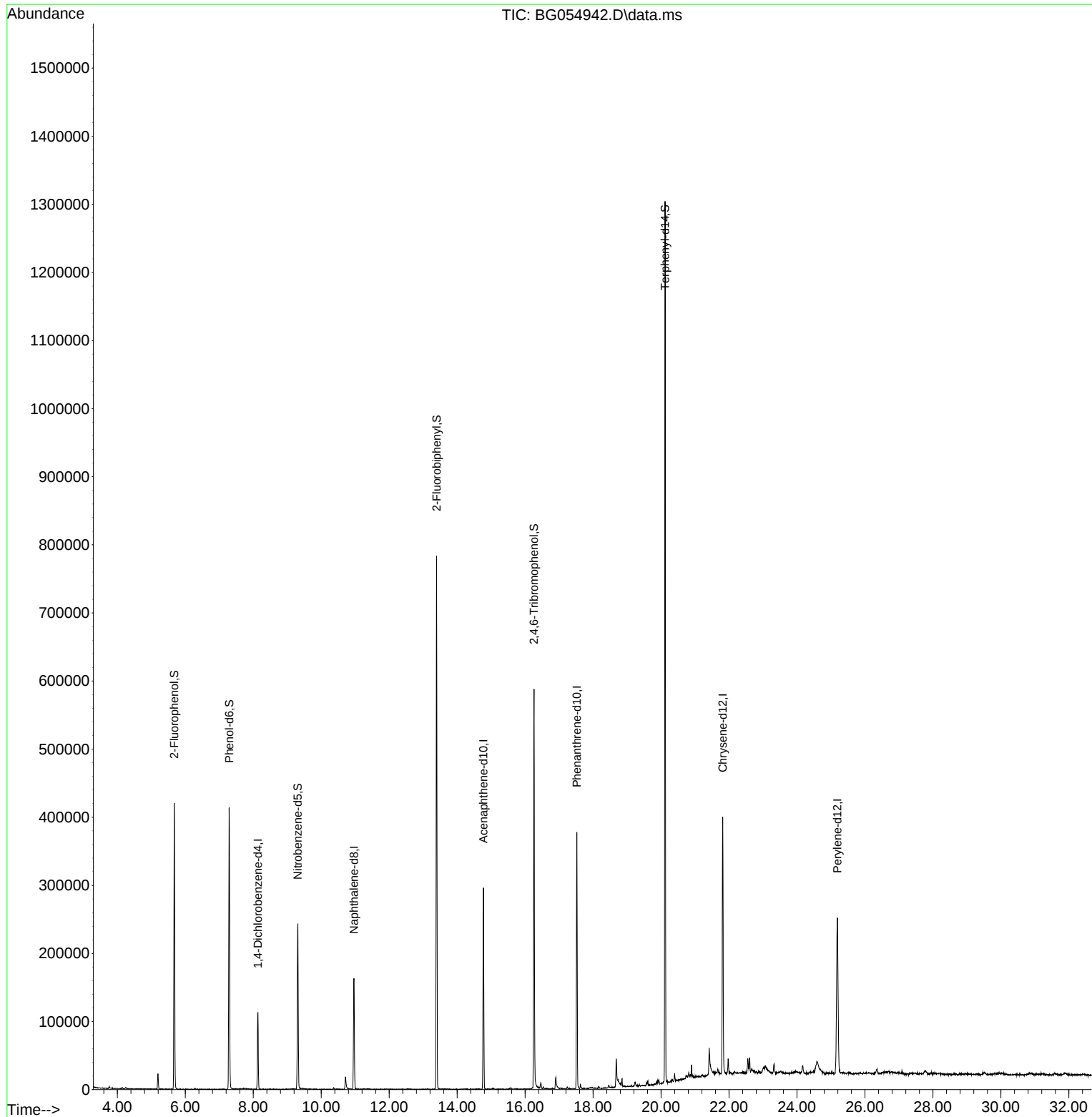
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

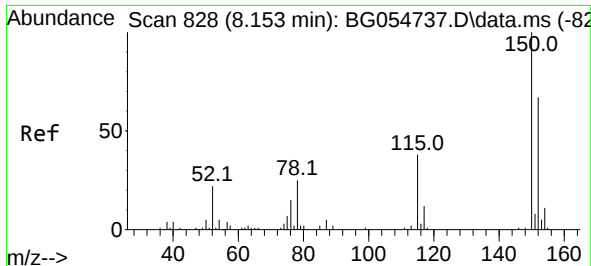
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082522.M  
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QLast Update : Thu Sep 15 03:14:10 2022  
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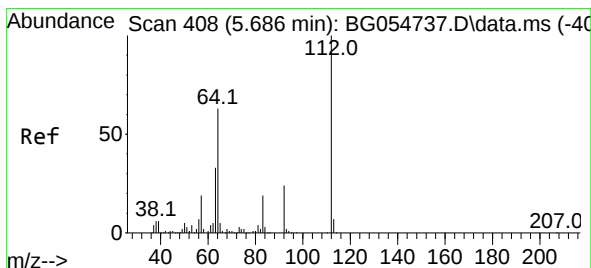
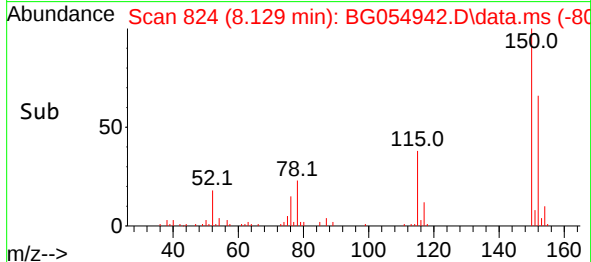
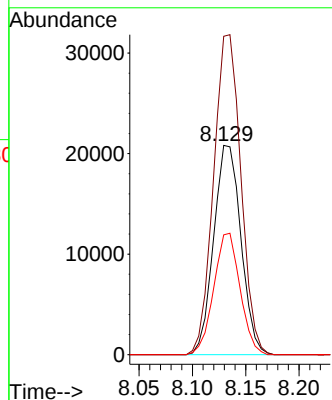
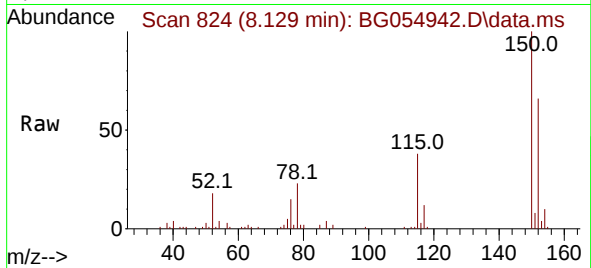




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.129 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BG054942.D  
Acq: 14 Sep 2022 13:57

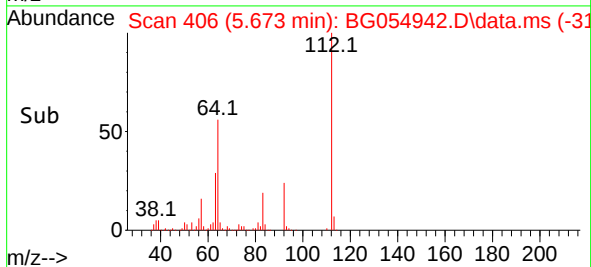
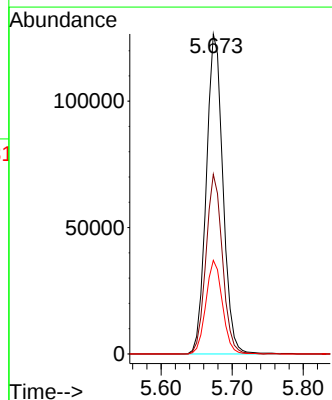
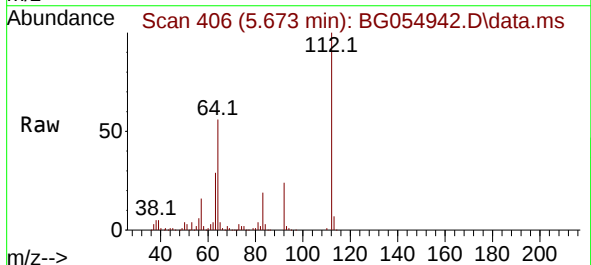
Instrument :  
BNA\_G  
ClientSampleId :  
CHERRY-HILL-COMP-16

Tgt Ion:152 Resp: 37014  
Ion Ratio Lower Upper  
152 100  
150 152.2 125.2 187.8  
115 57.3 47.9 71.9



#5  
2-Fluorophenol  
Concen: 97.008 ng  
RT: 5.673 min Scan# 406  
Delta R.T. 0.000 min  
Lab File: BG054942.D  
Acq: 14 Sep 2022 13:57

Tgt Ion:112 Resp: 206199  
Ion Ratio Lower Upper  
112 100  
64 56.2 49.3 73.9  
63 29.2 26.3 39.5

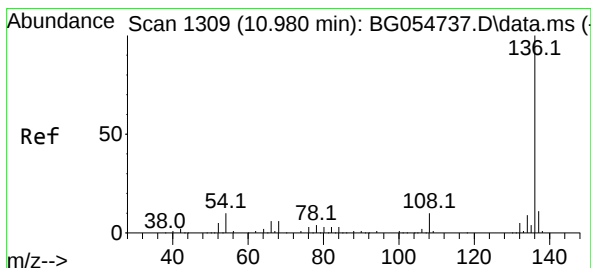
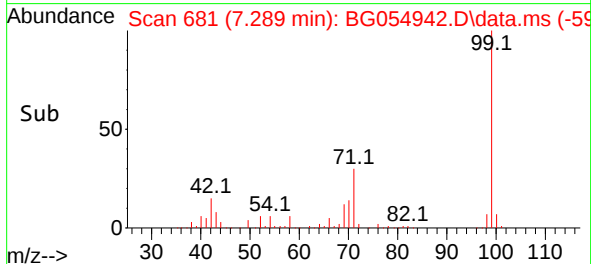
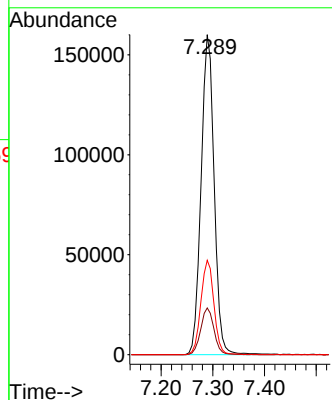
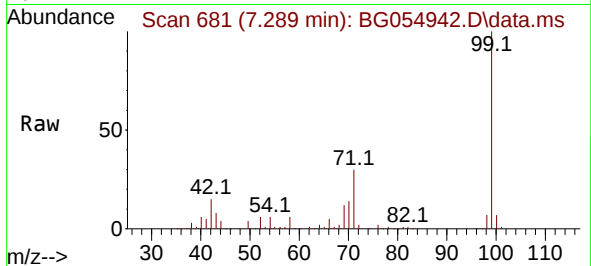




#7  
Phenol-d6  
Concen: 96.507 ng  
RT: 7.289 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BG054942.D  
Acq: 14 Sep 2022 13:57

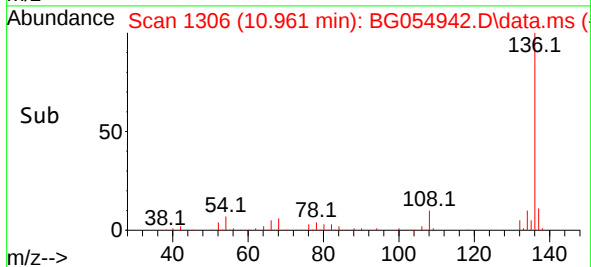
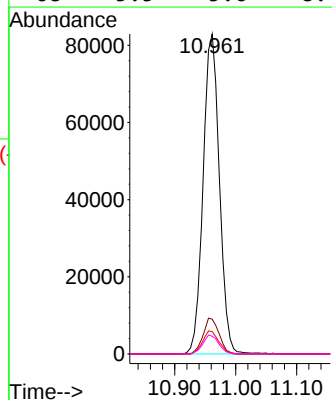
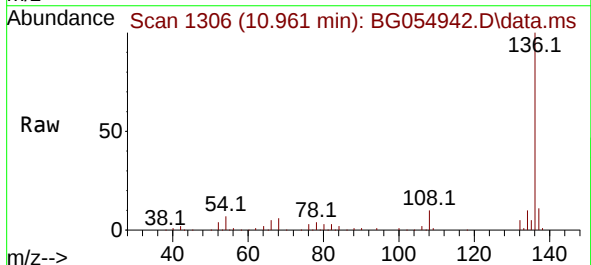
Instrument :  
BNA\_G  
ClientSampleId :  
CHERRY-HILL-COMP-16

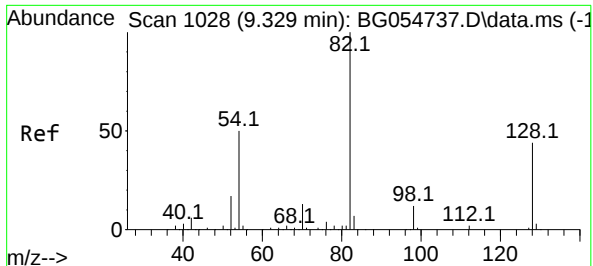
Tgt Ion: 99 Resp: 280536  
Ion Ratio Lower Upper  
99 100  
42 14.6 14.6 22.0#  
71 29.5 24.6 37.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.961 min Scan# 1306  
Delta R.T. 0.000 min  
Lab File: BG054942.D  
Acq: 14 Sep 2022 13:57

Tgt Ion: 136 Resp: 154036  
Ion Ratio Lower Upper  
136 100  
137 10.9 9.2 13.8  
54 7.0 7.7 11.5#  
68 5.5 5.6 8.4#





#23

Nitrobenzene-d5

Concen: 55.263 ng

RT: 9.310 min Scan# 1025

Delta R.T. 0.000 min

Lab File: BG054942.D

Acq: 14 Sep 2022 13:57

Instrument :

BNA\_G

ClientSampleId :

CHERRY-HILL-COMP-16

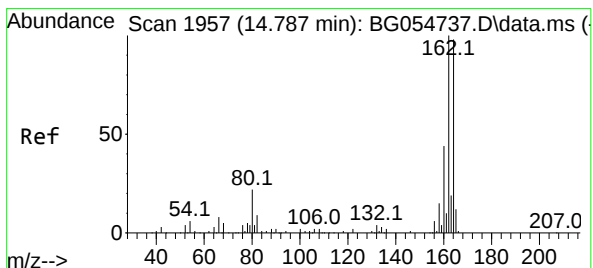
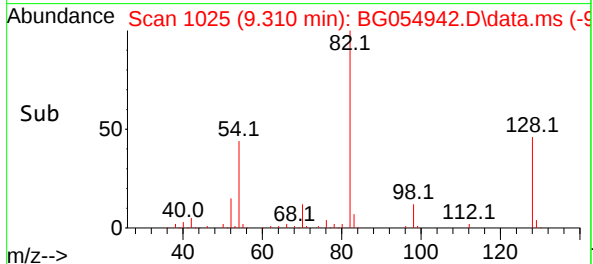
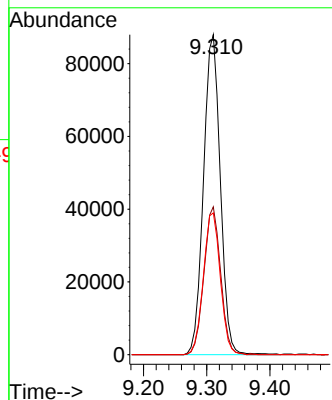
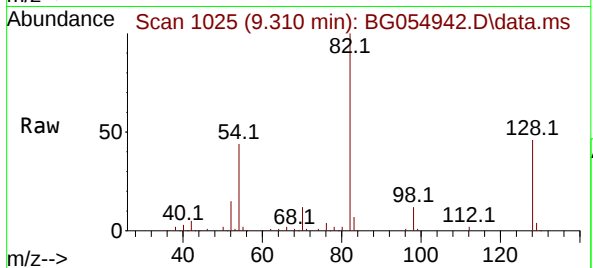
Tgt Ion: 82 Resp: 162154

Ion Ratio Lower Upper

82 100

128 46.2 32.2 48.2

54 44.3 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.769 min Scan# 1954

Delta R.T. -0.005 min

Lab File: BG054942.D

Acq: 14 Sep 2022 13:57

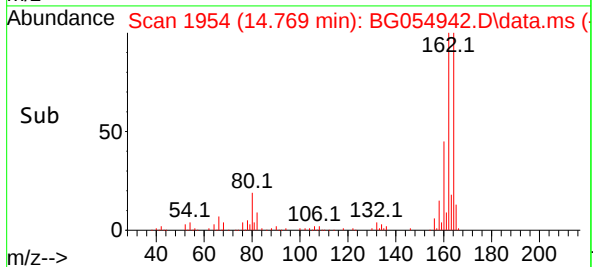
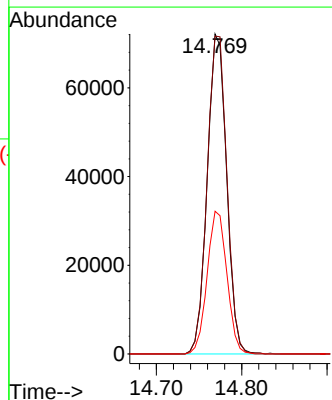
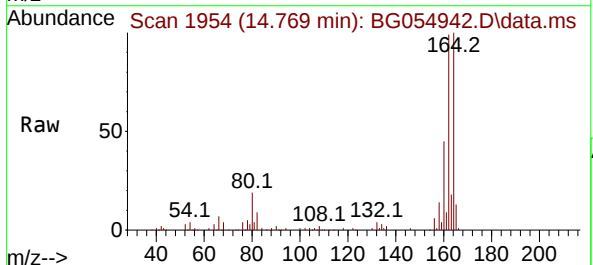
Tgt Ion:164 Resp: 113733

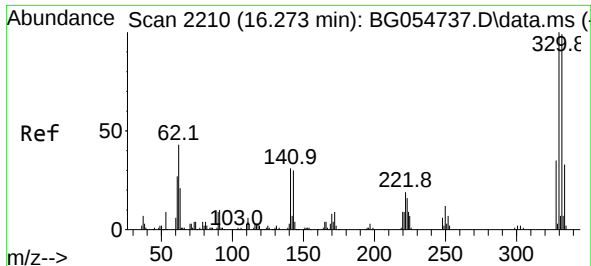
Ion Ratio Lower Upper

164 100

162 99.4 83.0 124.4

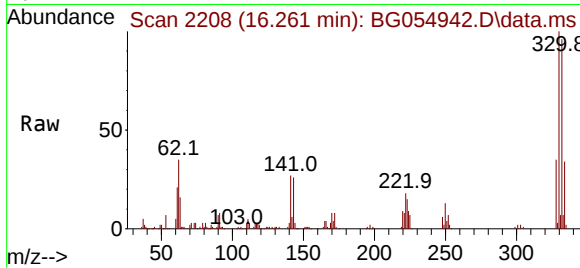
160 44.6 38.0 57.0



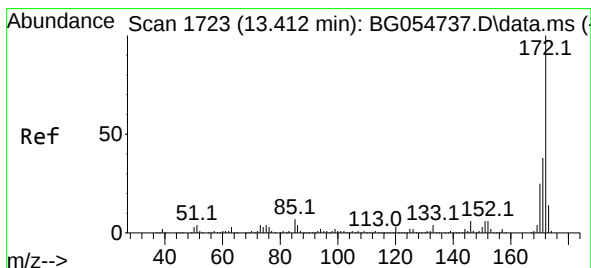
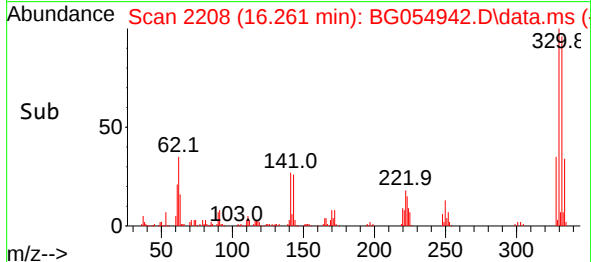
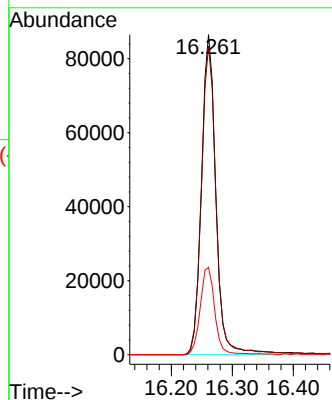


#42  
2,4,6-Tribromophenol  
Concen: 100.213 ng  
RT: 16.261 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BG054942.D  
Acq: 14 Sep 2022 13:57

Instrument :  
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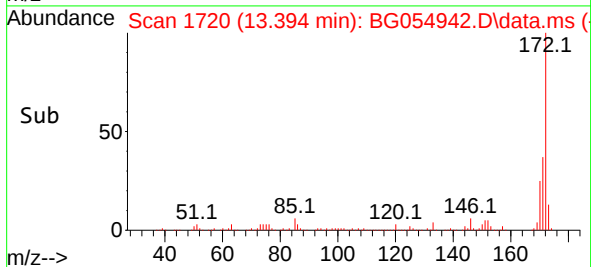
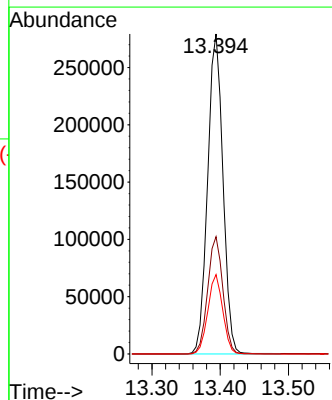
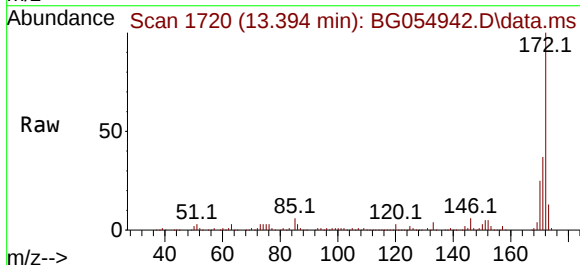


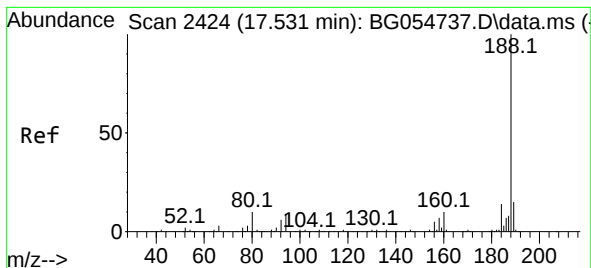
Tgt Ion:330 Resp: 142419  
Ion Ratio Lower Upper  
330 100  
332 98.0 79.8 119.6  
141 27.8 26.8 40.2



#45  
2-Fluorobiphenyl  
Concen: 57.676 ng  
RT: 13.394 min Scan# 1720  
Delta R.T. 0.000 min  
Lab File: BG054942.D  
Acq: 14 Sep 2022 13:57

Tgt Ion:172 Resp: 436435  
Ion Ratio Lower Upper  
172 100  
171 36.7 31.2 46.8  
170 24.8 20.6 30.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.518 min Scan# 24

Delta R.T. -0.005 min

Lab File: BG054942.D

Acq: 14 Sep 2022 13:57

Instrument :

BNA\_G

ClientSampleId :

CHERRY-HILL-COMP-16

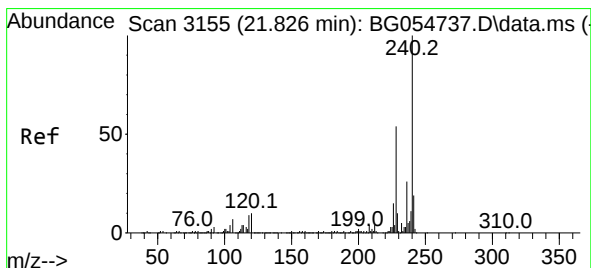
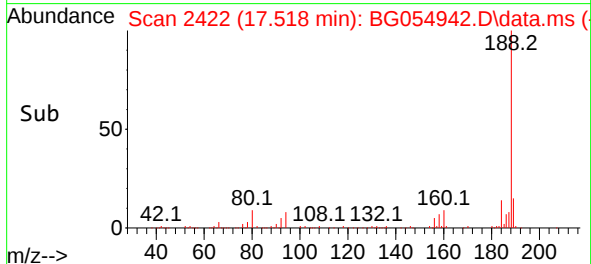
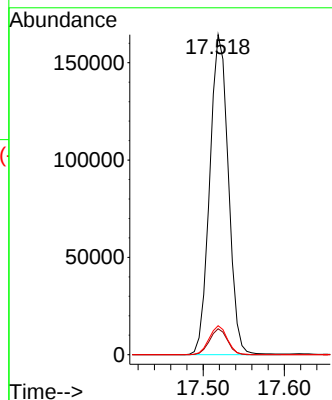
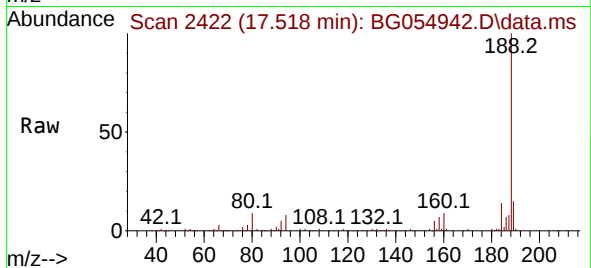
Tgt Ion:188 Resp: 261513

Ion Ratio Lower Upper

188 100

94 8.1 7.0 10.4

80 9.1 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.813 min Scan# 3153

Delta R.T. -0.005 min

Lab File: BG054942.D

Acq: 14 Sep 2022 13:57

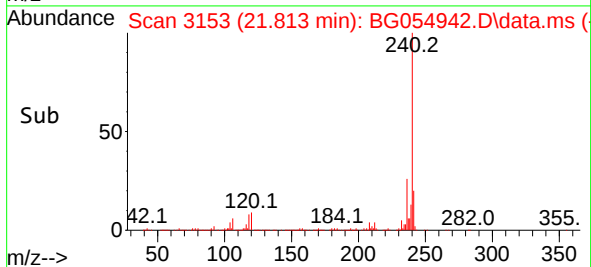
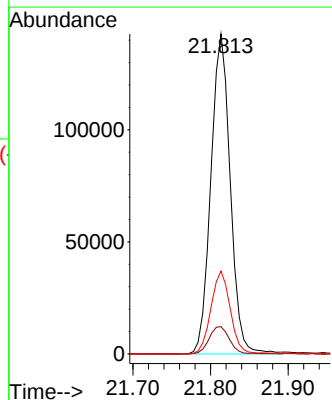
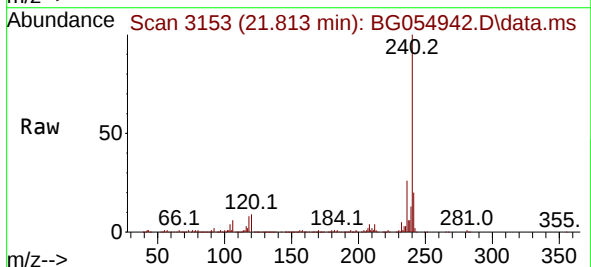
Tgt Ion:240 Resp: 247753

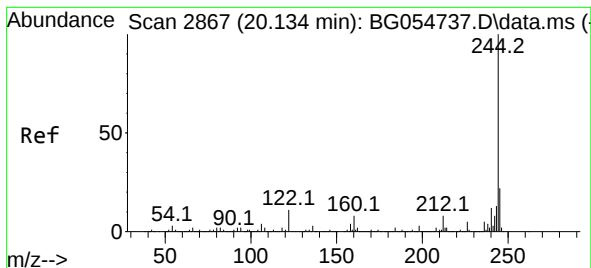
Ion Ratio Lower Upper

240 100

120 8.5 8.2 12.4

236 25.9 21.2 31.8





#79

Terphenyl-d14

Concen: 54.873 ng

RT: 20.115 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG054942.D

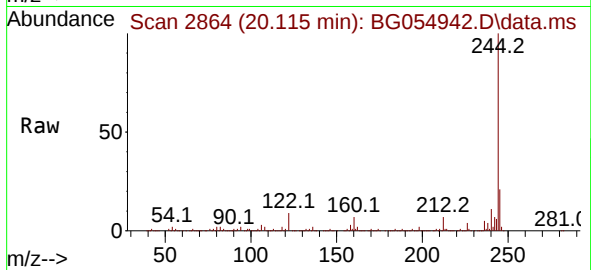
Acq: 14 Sep 2022 13:57

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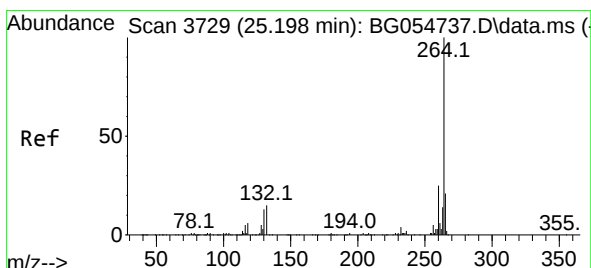
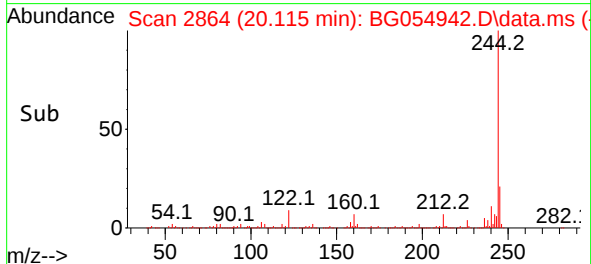
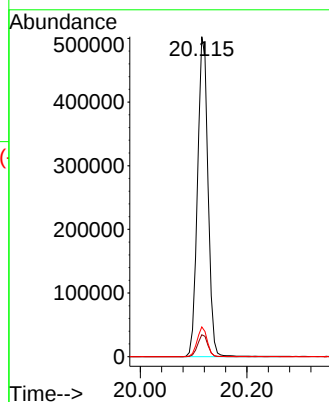
Tgt Ion:244 Resp: 686127

Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.2

122 9.3 9.0 13.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.186 min Scan# 3727

Delta R.T. 0.000 min

Lab File: BG054942.D

Acq: 14 Sep 2022 13:57

Tgt Ion:264 Resp: 262118

Ion Ratio Lower Upper

264 100

260 24.2 19.9 29.9

265 22.3 16.9 25.3

