

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082622\  
 Data File : BG054760.D  
 Acq On : 26 Aug 2022 18:06  
 Operator : CG/JU  
 Sample : N4226-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 B-1

Quant Time: Aug 27 02:15:54 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   | 8.153  | 152  | 47290    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.973 | 136  | 198579   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.780 | 164  | 136495   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.524 | 188  | 307598   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.819 | 240  | 294309   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 25.186 | 264  | 309370   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.685  | 112  | 305010   | 112.314 | ng    | 0.00     |
| 7) Phenol-d6                | 7.295  | 99   | 434768   | 117.064 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.322  | 82   | 270055   | 71.392  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.267 | 330  | 166359   | 97.537  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.411 | 172  | 665869   | 73.322  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.127 | 244  | 1130848  | 76.133  | ng    | 0.00     |

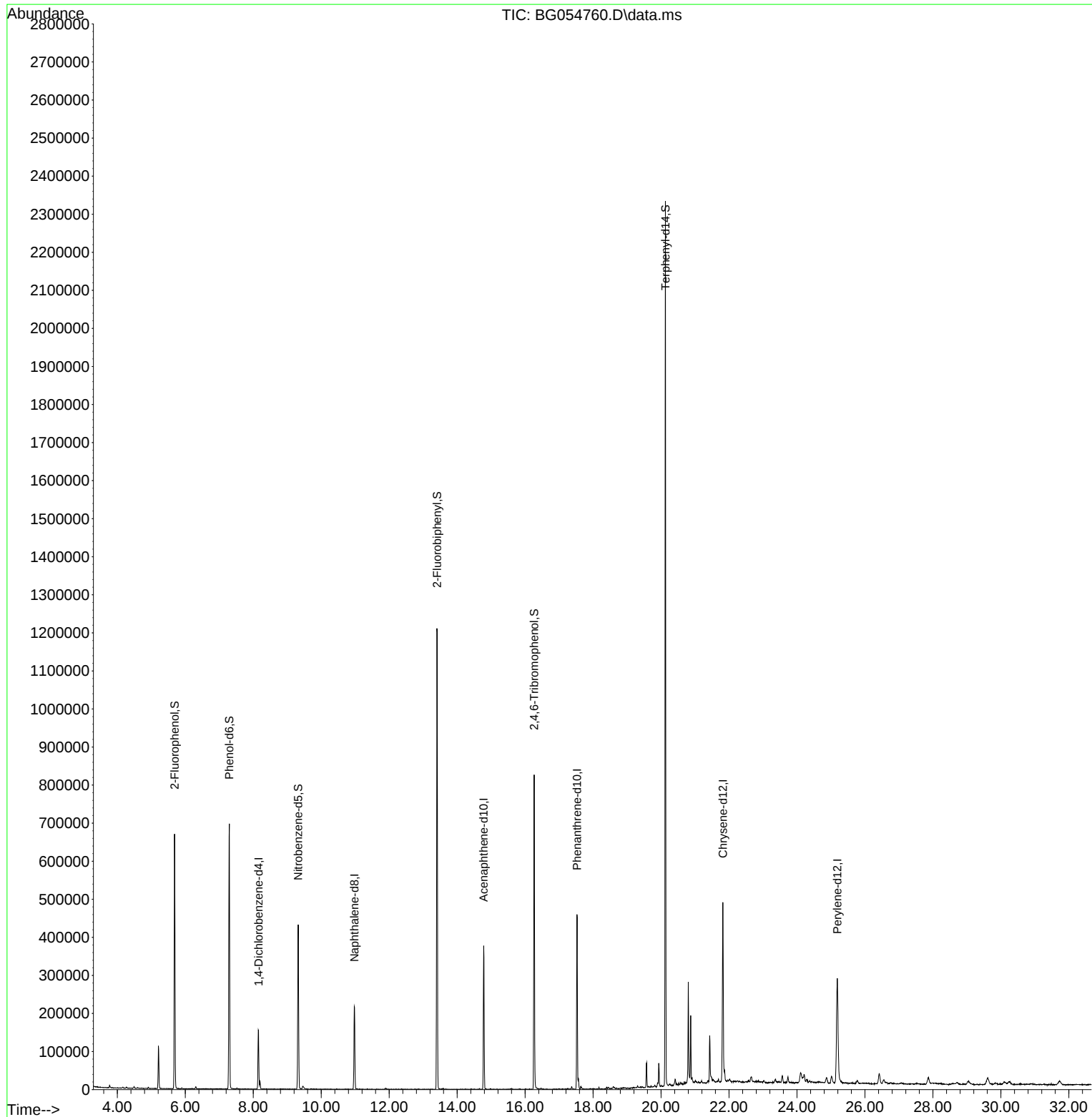
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

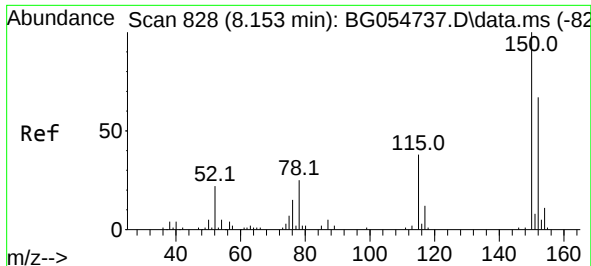
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082622\  
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ALS Vial : 13 Sample Multiplier: 1

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Quant Time: Aug 27 02:15:54 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

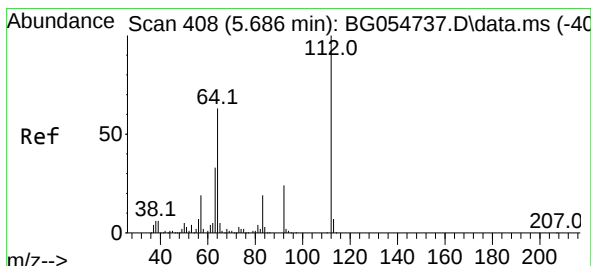
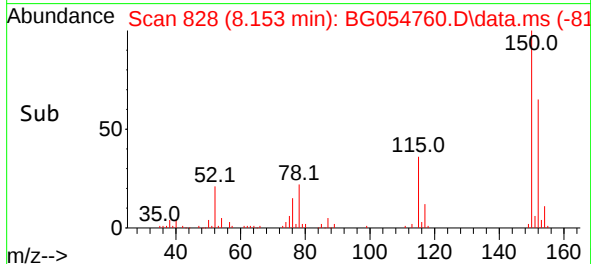
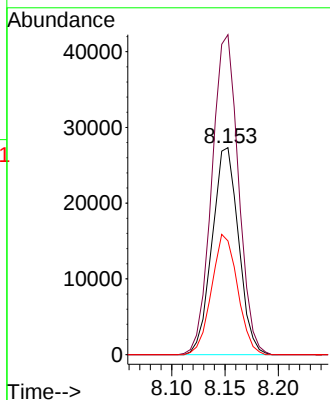
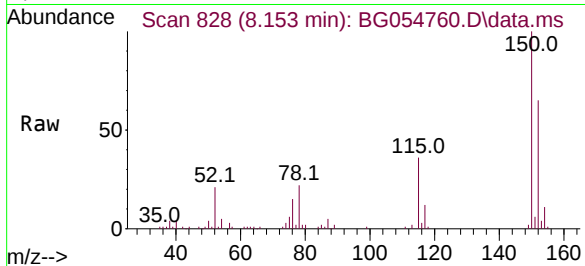




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.153 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BG054760.D  
Acq: 26 Aug 2022 18:06

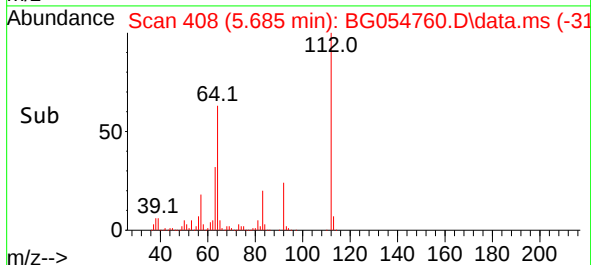
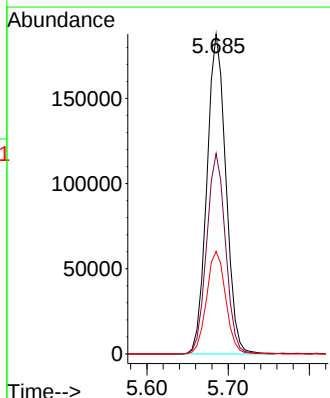
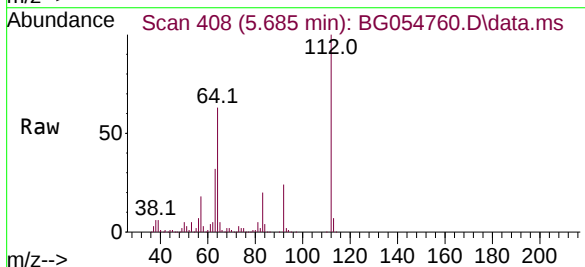
Instrument :  
BNA\_G  
ClientSampleId :  
B-1

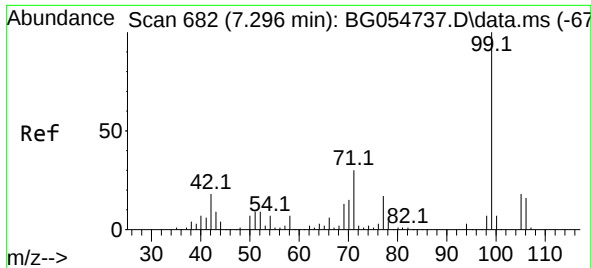
Tgt Ion:152 Resp: 47290  
Ion Ratio Lower Upper  
152 100  
150 154.6 125.2 187.8  
115 55.0 47.9 71.9



#5  
2-Fluorophenol  
Concen: 112.314 ng  
RT: 5.685 min Scan# 408  
Delta R.T. -0.001 min  
Lab File: BG054760.D  
Acq: 26 Aug 2022 18:06

Tgt Ion:112 Resp: 305010  
Ion Ratio Lower Upper  
112 100  
64 62.6 49.3 73.9  
63 32.0 26.3 39.5

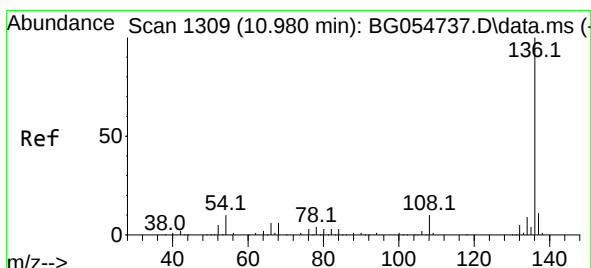
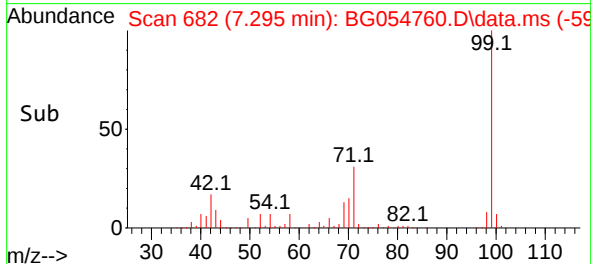
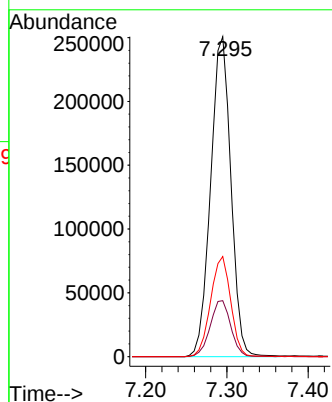
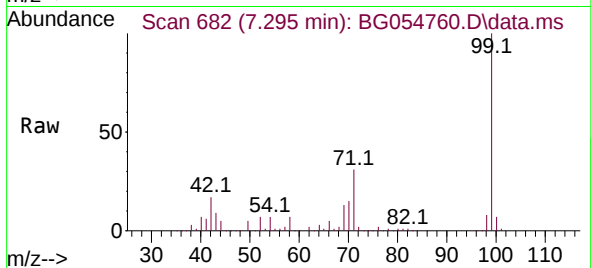




#7  
Phenol-d6  
Concen: 117.064 ng  
RT: 7.295 min Scan# 682  
Delta R.T. -0.001 min  
Lab File: BG054760.D  
Acq: 26 Aug 2022 18:06

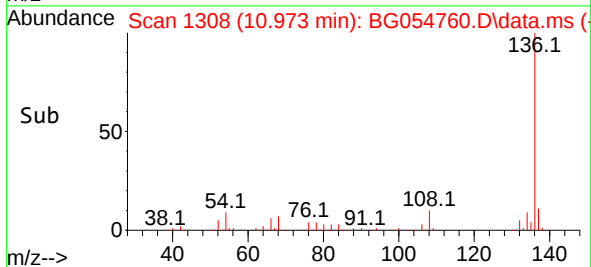
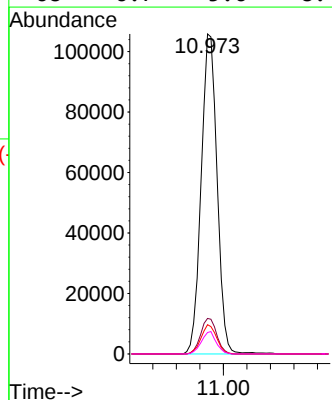
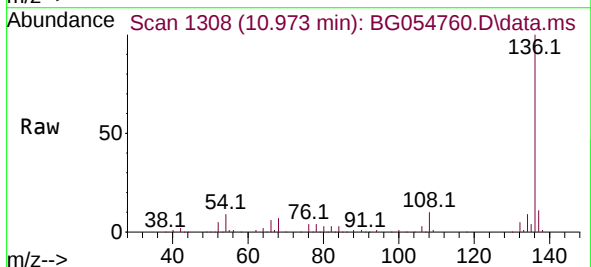
Instrument :  
BNA\_G  
ClientSampleId :  
B-1

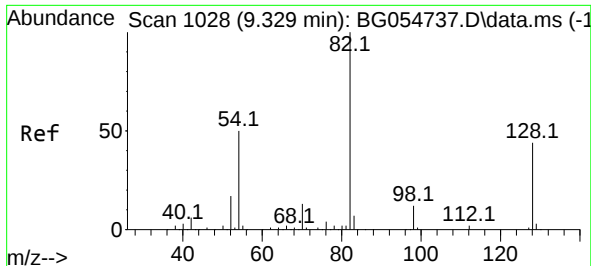
Tgt Ion: 99 Resp: 434768  
Ion Ratio Lower Upper  
99 100  
42 17.5 14.6 22.0  
71 31.3 24.6 37.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.973 min Scan# 1308  
Delta R.T. -0.007 min  
Lab File: BG054760.D  
Acq: 26 Aug 2022 18:06

Tgt Ion: 136 Resp: 198579  
Ion Ratio Lower Upper  
136 100  
137 11.1 9.2 13.8  
54 9.1 7.7 11.5  
68 6.7 5.6 8.4





#23

Nitrobenzene-d5

Concen: 71.392 ng

RT: 9.322 min Scan# 10

Delta R.T. -0.007 min

Lab File: BG054760.D

Acq: 26 Aug 2022 18:06

Instrument :

BNA\_G

ClientSampleId :

B-1

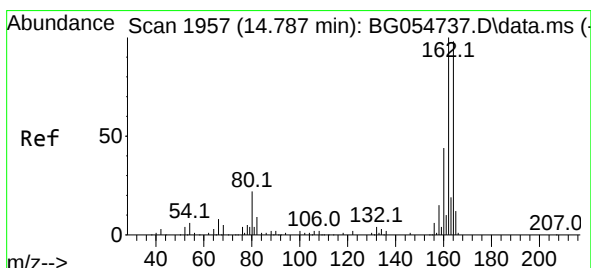
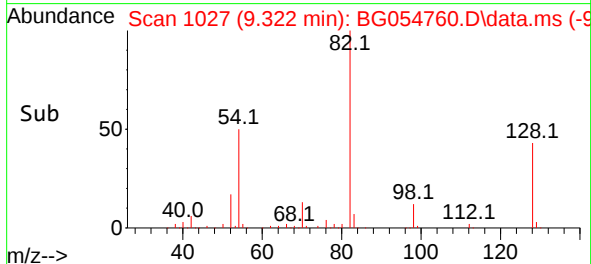
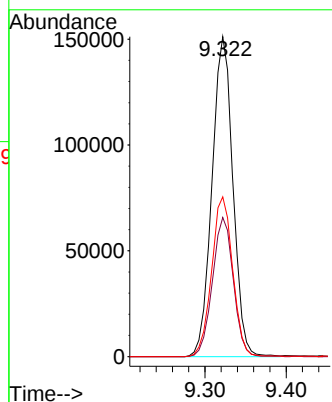
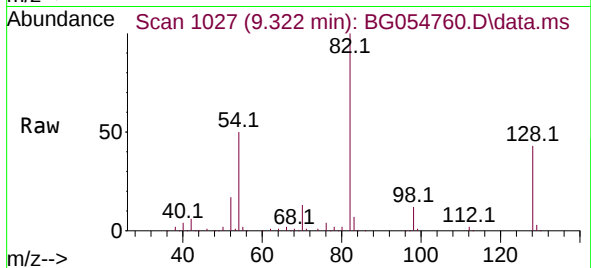
Tgt Ion: 82 Resp: 27055

Ion Ratio Lower Upper

82 100

128 43.5 32.2 48.2

54 49.9 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.780 min Scan# 1956

Delta R.T. -0.007 min

Lab File: BG054760.D

Acq: 26 Aug 2022 18:06

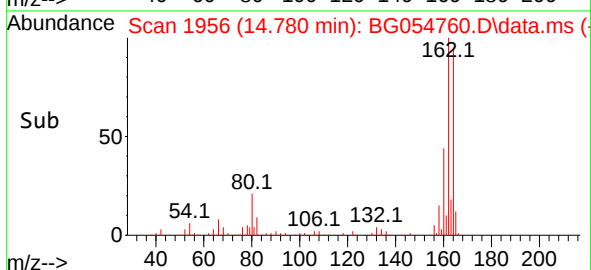
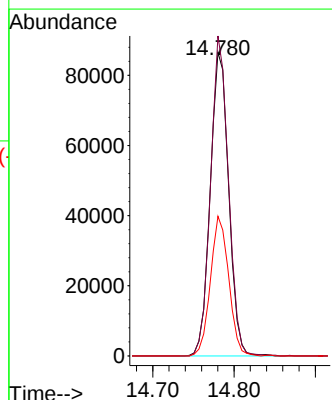
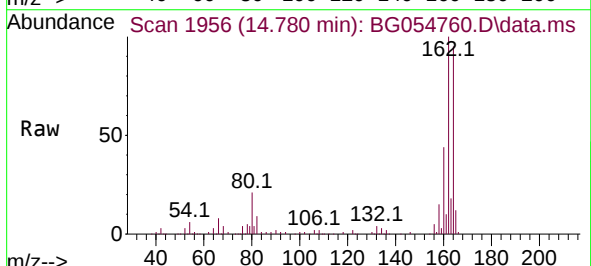
Tgt Ion:164 Resp: 136495

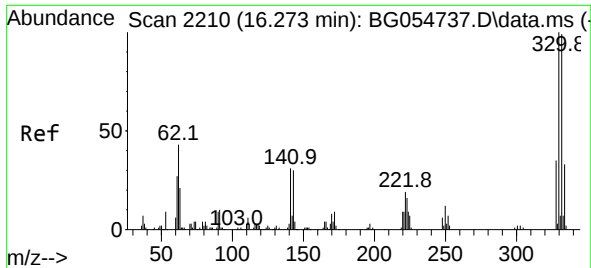
Ion Ratio Lower Upper

164 100

162 105.4 83.0 124.4

160 46.0 38.0 57.0

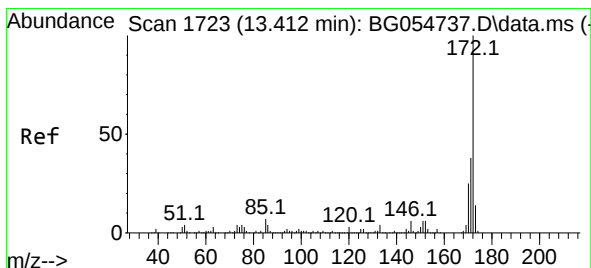
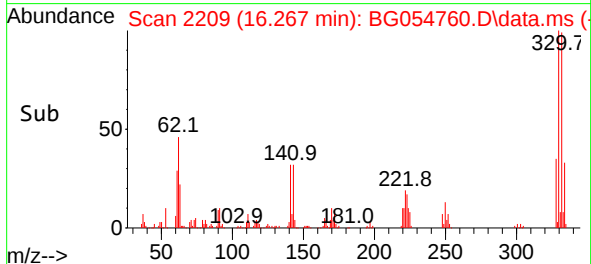
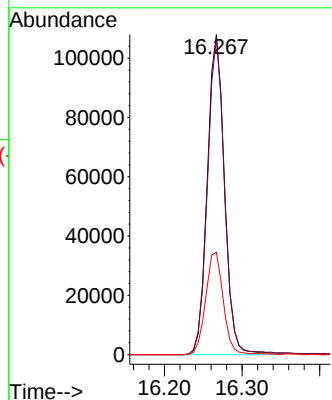
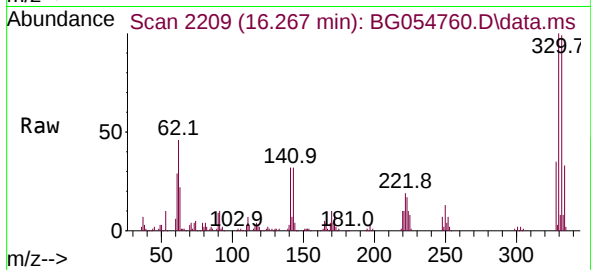




#42  
2,4,6-Tribromophenol  
Concen: 97.537 ng  
RT: 16.267 min Scan# 2210  
Delta R.T. -0.007 min  
Lab File: BG054760.D  
Acq: 26 Aug 2022 18:06

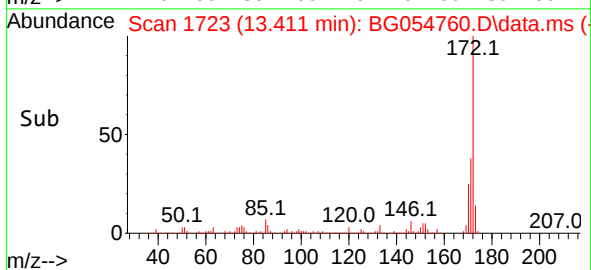
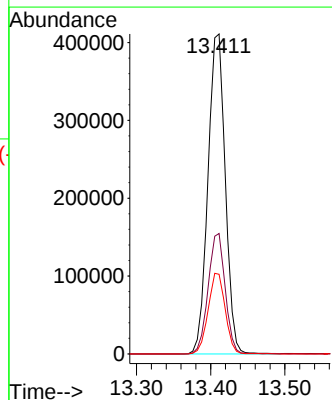
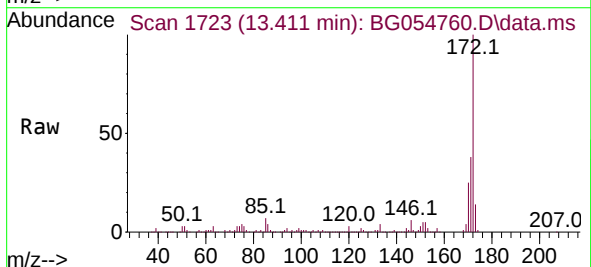
Instrument :  
BNA\_G  
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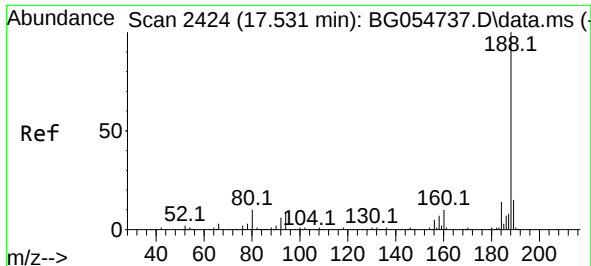
Tgt Ion:330 Resp: 166359  
Ion Ratio Lower Upper  
330 100  
332 97.4 79.8 119.6  
141 32.8 26.8 40.2



#45  
2-Fluorobiphenyl  
Concen: 73.322 ng  
RT: 13.411 min Scan# 1723  
Delta R.T. -0.001 min  
Lab File: BG054760.D  
Acq: 26 Aug 2022 18:06

Tgt Ion:172 Resp: 665869  
Ion Ratio Lower Upper  
172 100  
171 37.6 31.2 46.8  
170 24.9 20.6 30.8

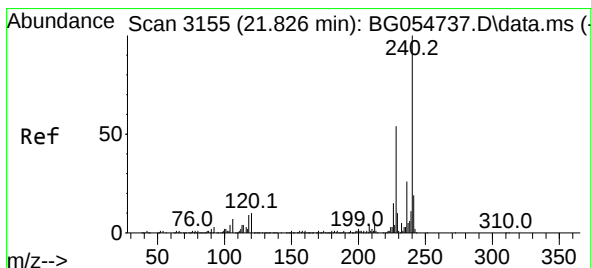
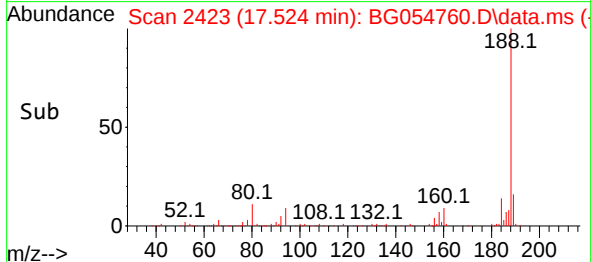
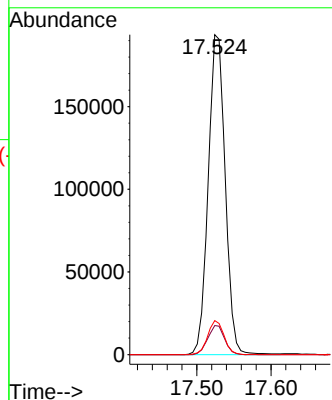
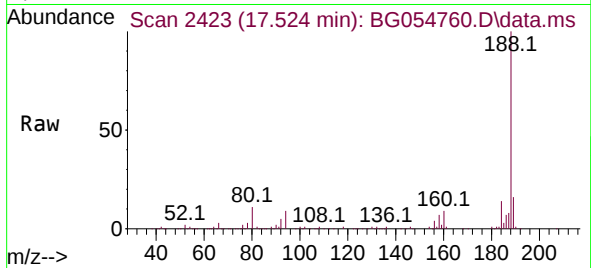




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.524 min Scan# 2423  
Delta R.T. -0.007 min  
Lab File: BG054760.D  
Acq: 26 Aug 2022 18:06

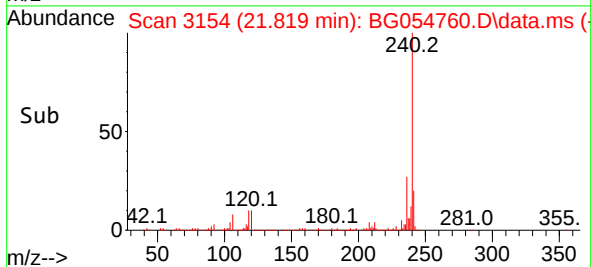
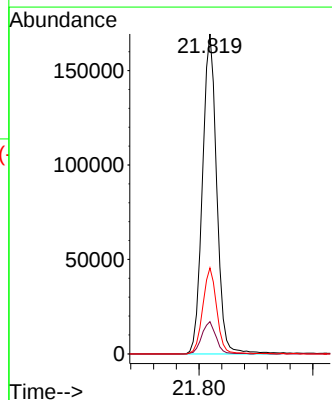
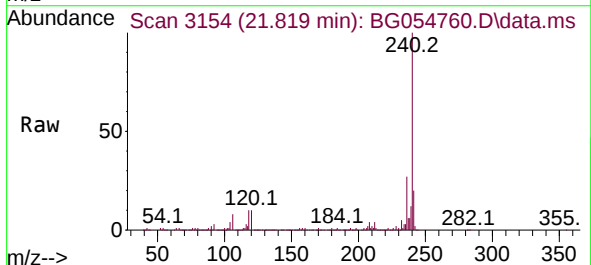
Instrument :  
BNA\_G  
ClientSampleId :  
B-1

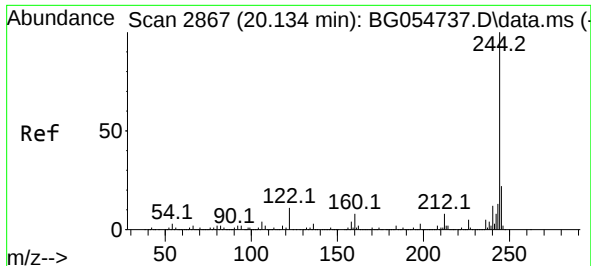
Tgt Ion:188 Resp: 307598  
Ion Ratio Lower Upper  
188 100  
94 9.1 7.0 10.4  
80 10.6 7.9 11.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.819 min Scan# 3154  
Delta R.T. -0.007 min  
Lab File: BG054760.D  
Acq: 26 Aug 2022 18:06

Tgt Ion:240 Resp: 294309  
Ion Ratio Lower Upper  
240 100  
120 10.1 8.2 12.4  
236 26.9 21.2 31.8

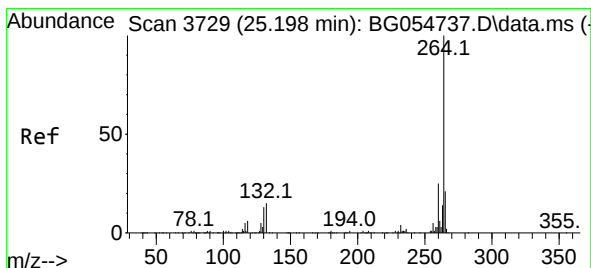
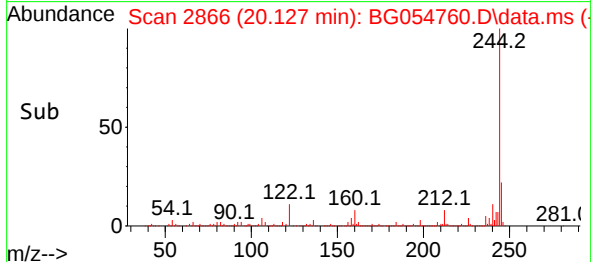
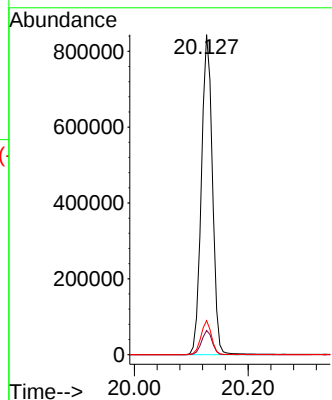
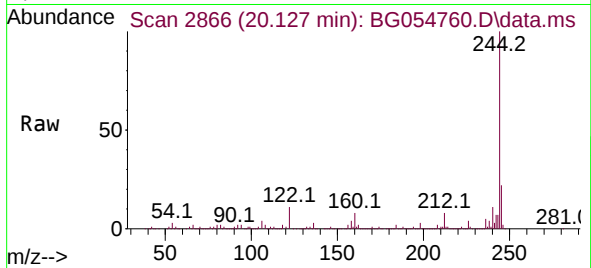




#79  
 Terphenyl-d14  
 Concen: 76.133 ng  
 RT: 20.127 min Scan# 2866  
 Delta R.T. -0.007 min  
 Lab File: BG054760.D  
 Acq: 26 Aug 2022 18:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
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Tgt Ion:244 Resp: 1130848  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 6.2 9.2  
 122 10.6 9.0 13.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.186 min Scan# 3727  
 Delta R.T. -0.013 min  
 Lab File: BG054760.D  
 Acq: 26 Aug 2022 18:06

Tgt Ion:264 Resp: 309370  
 Ion Ratio Lower Upper  
 264 100  
 260 24.2 19.9 29.9  
 265 21.8 16.9 25.3

