

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080123\  
 Data File : BG058560.D  
 Acq On : 1 Aug 2023 13:17  
 Operator : MA/JU  
 Sample : 03769-11  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 B-P30A

Quant Time: Aug 01 19:01:54 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG072823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 28 22:29:07 2023  
 Response via : Initial Calibration

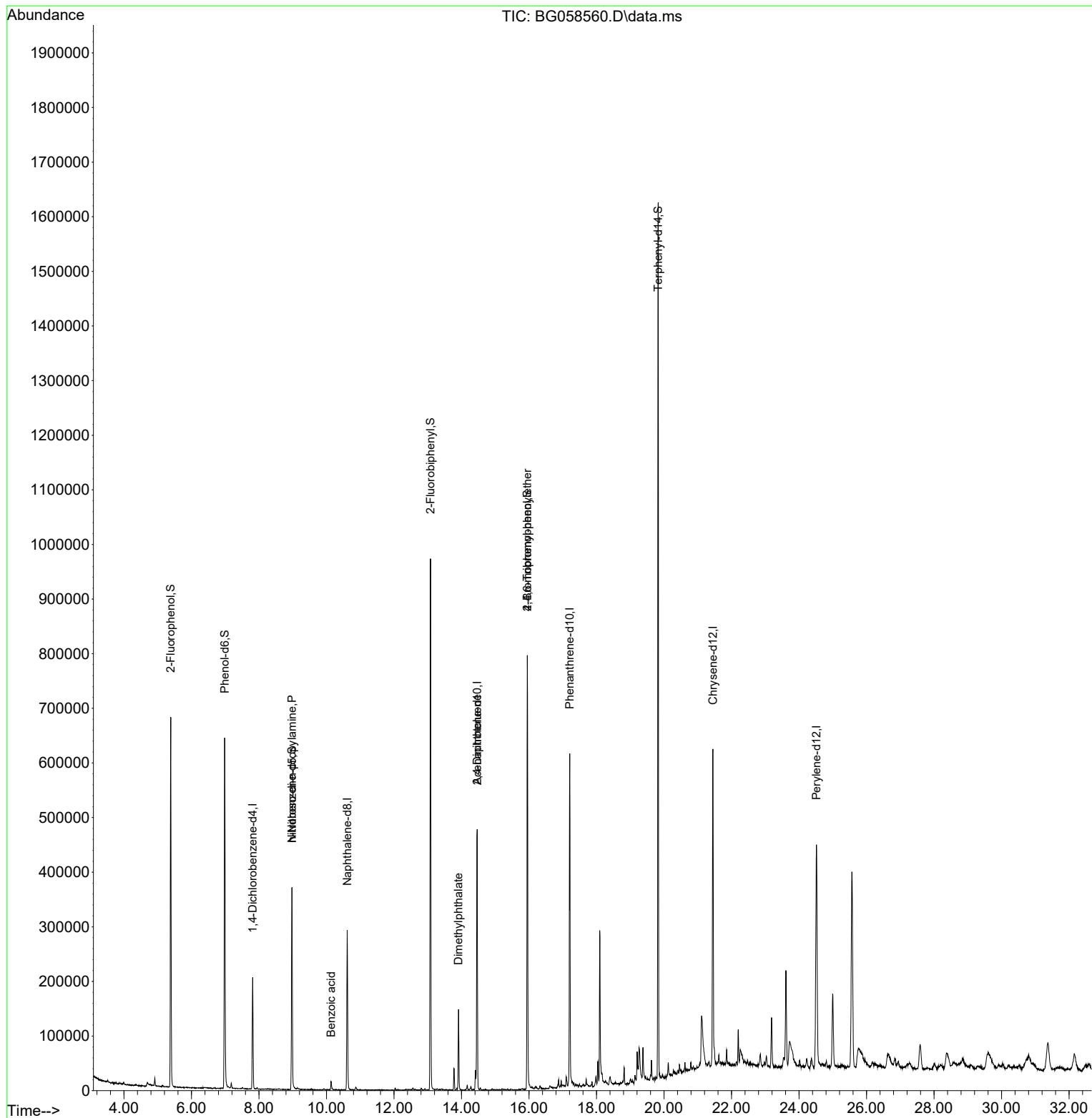
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min)    |
|-------------------------------|--------|------|----------|--------|-------|-------------|
| -----                         |        |      |          |        |       |             |
| Internal Standards            |        |      |          |        |       |             |
| 1) 1,4-Dichlorobenzene-d4     | 7.812  | 152  | 56683    | 20.000 | ng    | 0.00        |
| 21) Naphthalene-d8            | 10.614 | 136  | 251323   | 20.000 | ng    | 0.00        |
| 39) Acenaphthene-d10          | 14.463 | 164  | 175526   | 20.000 | ng    | 0.00        |
| 64) Phenanthrene-d10          | 17.206 | 188  | 390558   | 20.000 | ng    | 0.00        |
| 76) Chrysene-d12              | 21.448 | 240  | 343388   | 20.000 | ng    | 0.00        |
| 86) Perylene-d12              | 24.515 | 264  | 423549   | 20.000 | ng    | 0.00        |
| System Monitoring Compounds   |        |      |          |        |       |             |
| 5) 2-Fluorophenol             | 5.385  | 112  | 284154   | 76.622 | ng    | 0.00        |
| 7) Phenol-d6                  | 6.983  | 99   | 395443   | 76.631 | ng    | 0.00        |
| 23) Nitrobenzene-d5           | 8.975  | 82   | 237587   | 46.440 | ng    | 0.00        |
| 42) 2,4,6-Tribromophenol      | 15.949 | 330  | 179231   | 62.298 | ng    | 0.00        |
| 45) 2-Fluorobiphenyl          | 13.082 | 172  | 540070   | 46.110 | ng    | 0.00        |
| 79) Terphenyl-d14             | 19.827 | 244  | 860508   | 47.125 | ng    | 0.00        |
| Target Compounds              |        |      |          |        |       |             |
| 19) n-Nitroso-di-n-propyla... | 8.975  | 70   | 28657    | 8.597  | ng    | Qvalue # 82 |
| 32) Benzoic acid              | 10.138 | 122  | 75       | 4.586  | ng    | # 56        |
| 50) Dimethylphthalate         | 13.910 | 163  | 102425   | 7.770  | ng    | 100         |
| 57) 2,4-Dinitrotoluene        | 14.463 | 165  | 21912    | 5.464  | ng    | # 24        |
| 67) 4-Bromophenyl-phenylether | 15.949 | 248  | 11137    | 2.514  | ng    | # 1         |
| -----                         |        |      |          |        |       |             |

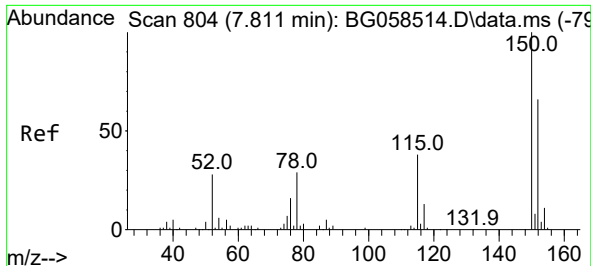
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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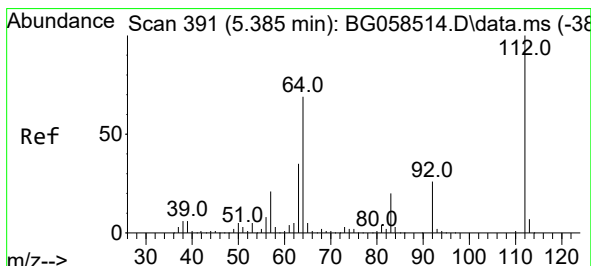
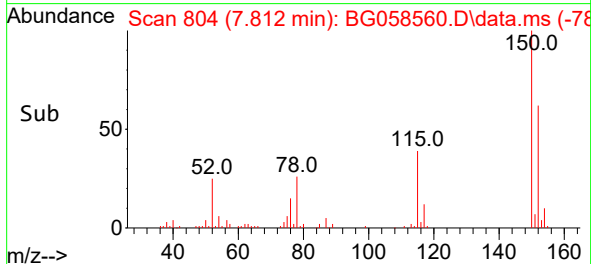
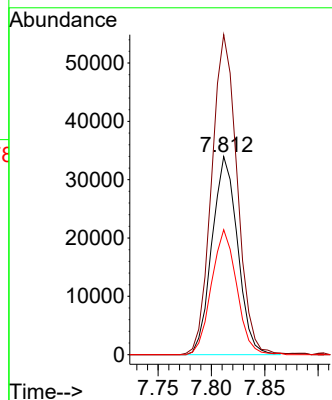
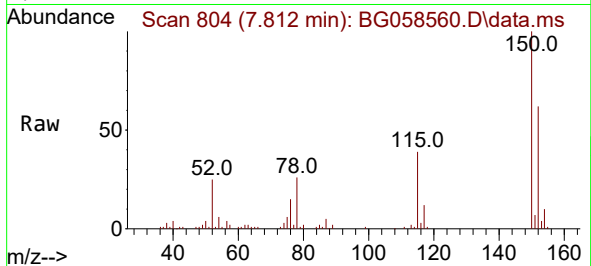




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.812 min Scan# 804  
Delta R.T. 0.001 min  
Lab File: BG058560.D  
Acq: 1 Aug 2023 13:17

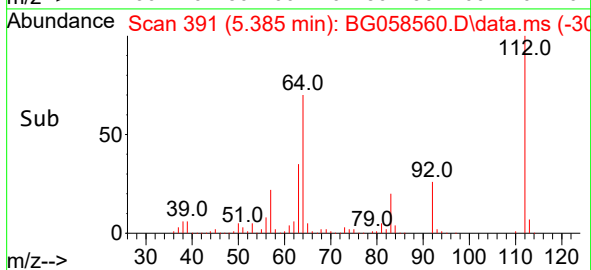
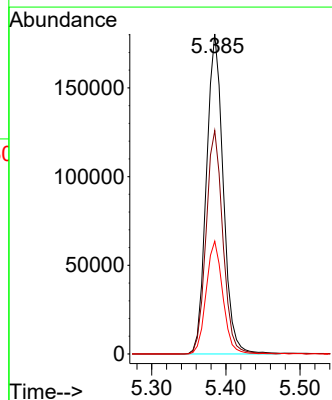
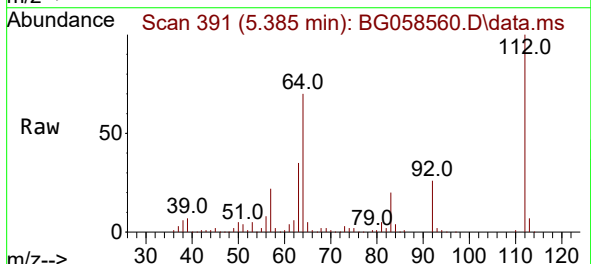
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ClientSampleId :  
B-P30A

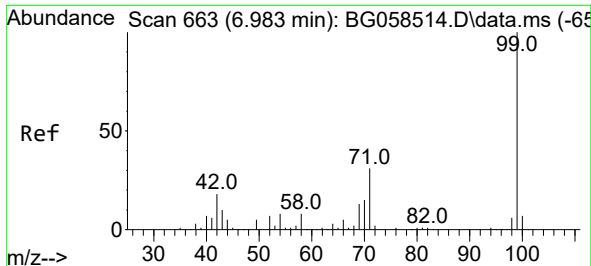
Tgt Ion:152 Resp: 56683  
Ion Ratio Lower Upper  
152 100  
150 161.6 120.5 180.7  
115 63.1 45.9 68.9



#5  
2-Fluorophenol  
Concen: 76.622 ng  
RT: 5.385 min Scan# 391  
Delta R.T. 0.000 min  
Lab File: BG058560.D  
Acq: 1 Aug 2023 13:17

Tgt Ion:112 Resp: 284154  
Ion Ratio Lower Upper  
112 100  
64 69.8 55.3 82.9  
63 35.3 28.3 42.5

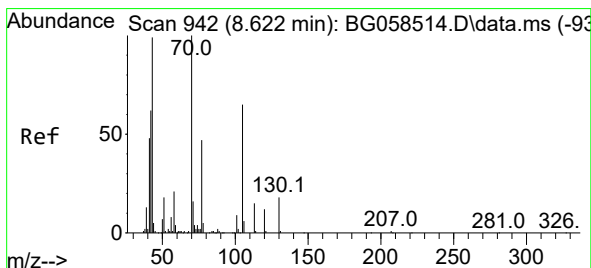
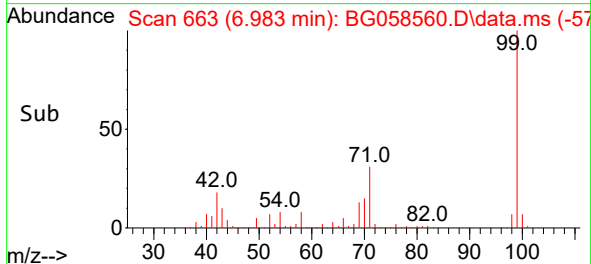
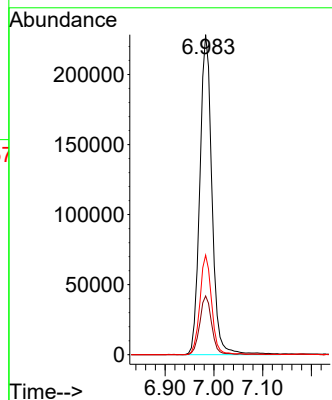
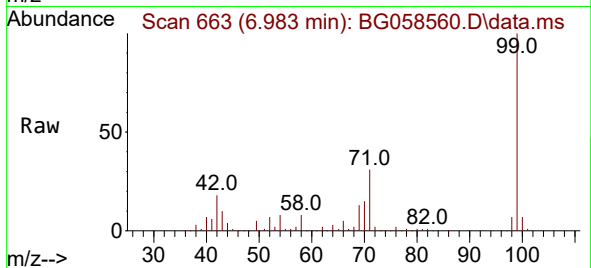




#7  
Phenol-d6  
Concen: 76.631 ng  
RT: 6.983 min Scan# 60  
Delta R.T. 0.000 min  
Lab File: BG058560.D  
Acq: 1 Aug 2023 13:17

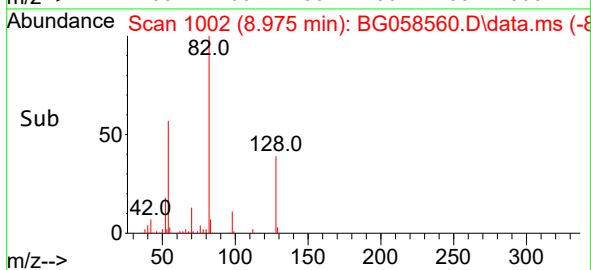
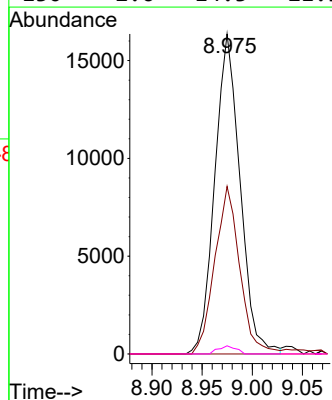
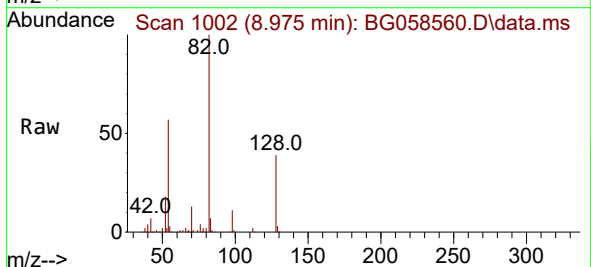
Instrument :  
BNA\_G  
ClientSampleId :  
B-P30A

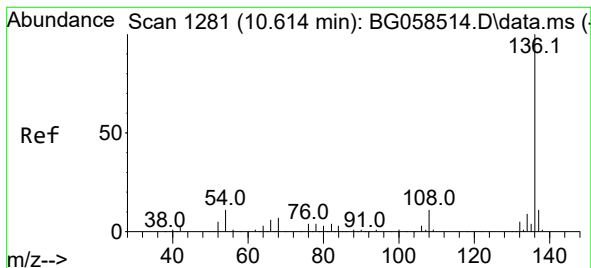
Tgt Ion: 99 Resp: 395443  
Ion Ratio Lower Upper  
99 100  
42 18.3 14.6 21.8  
71 31.1 25.0 37.4



#19  
n-Nitroso-di-n-propylamine  
Concen: 8.597 ng  
RT: 8.975 min Scan# 1002  
Delta R.T. 0.353 min  
Lab File: BG058560.D  
Acq: 1 Aug 2023 13:17

Tgt Ion: 70 Resp: 28657  
Ion Ratio Lower Upper  
70 100  
42 52.3 49.7 74.5  
101 0.0 7.0 10.4#  
130 2.6 14.3 21.5#

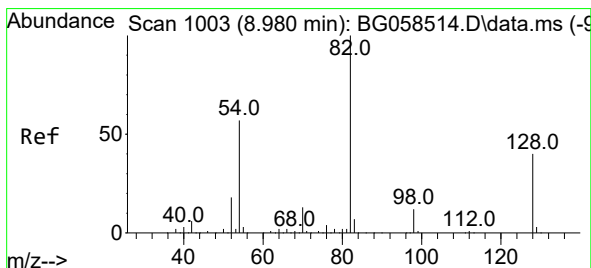
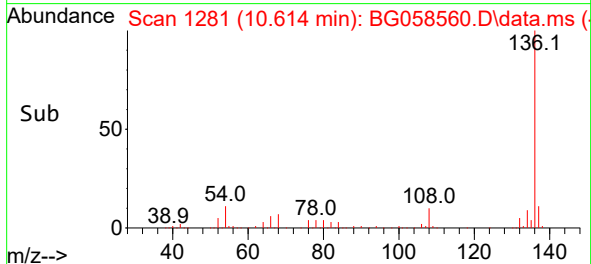
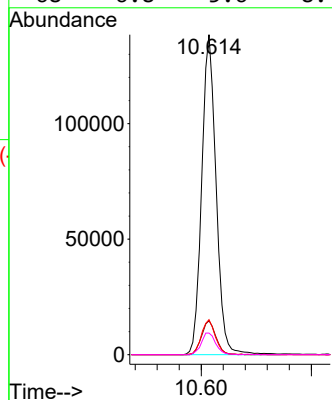
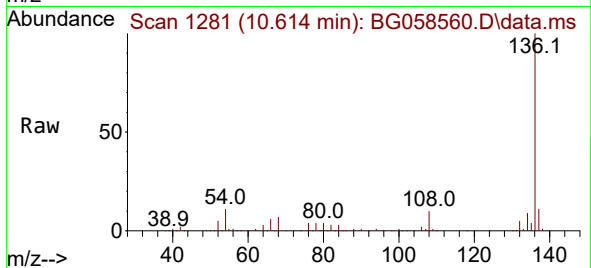




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.614 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BG058560.D  
Acq: 1 Aug 2023 13:17

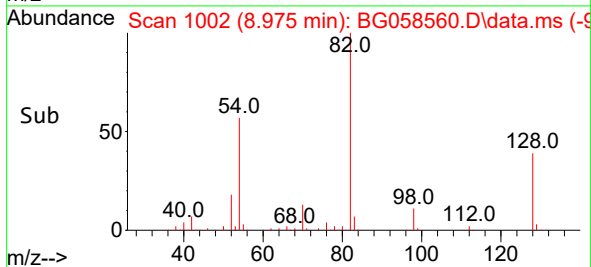
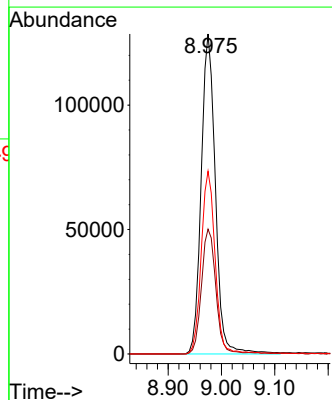
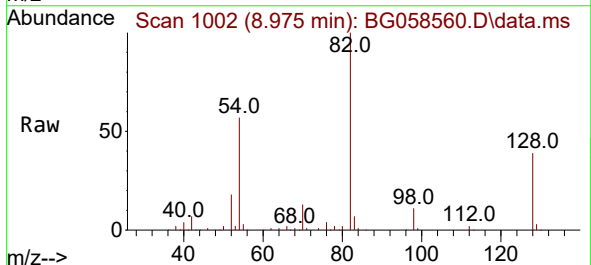
Instrument :  
BNA\_G  
ClientSampleId :  
B-P30A

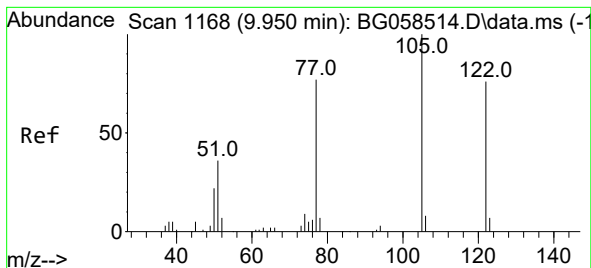
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 251323 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.6  | 8.6   | 13.0   |
| 54       | 10.9  | 8.9   | 13.3   |
| 68       | 6.8   | 5.6   | 8.4    |



#23  
Nitrobenzene-d5  
Concen: 46.440 ng  
RT: 8.975 min Scan# 1002  
Delta R.T. -0.006 min  
Lab File: BG058560.D  
Acq: 1 Aug 2023 13:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 237587 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 39.0  | 32.2  | 48.2   |
| 54       | 57.1  | 46.0  | 69.0   |





#32

Benzoic acid

Concen: 4.586 ng

RT: 10.138 min Scan# 1168

Delta R.T. 0.188 min

Lab File: BG058560.D

Acq: 1 Aug 2023 13:17

Instrument :

BNA\_G

ClientSampleId :

B-P30A

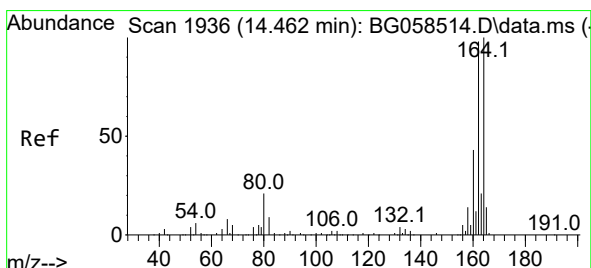
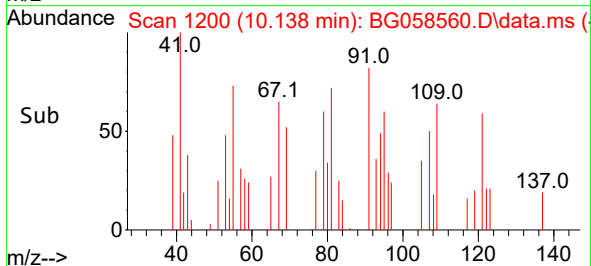
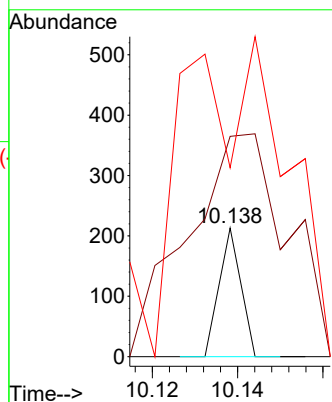
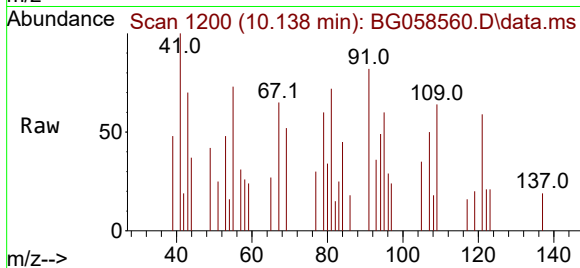
Tgt Ion:122 Resp: 75

Ion Ratio Lower Upper

122 100

105 171.4 106.5 146.5#

77 146.9 78.1 118.1#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan# 1936

Delta R.T. 0.000 min

Lab File: BG058560.D

Acq: 1 Aug 2023 13:17

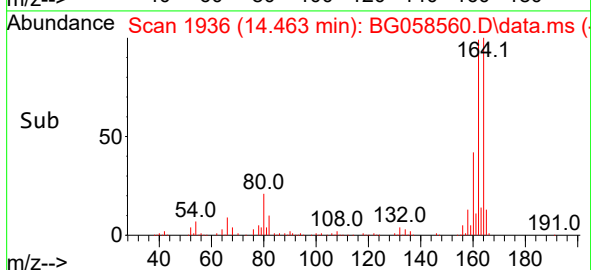
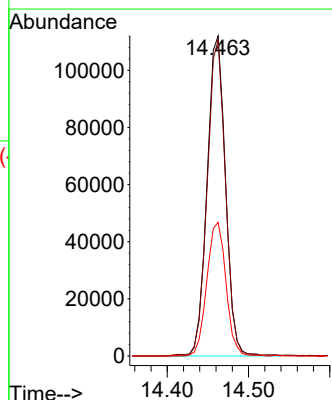
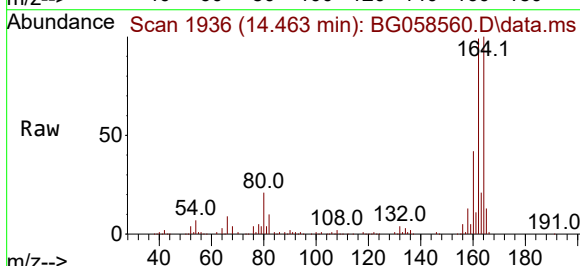
Tgt Ion:164 Resp: 175526

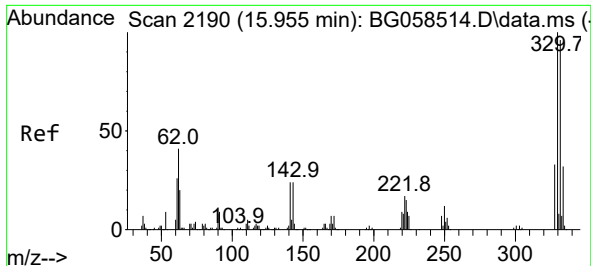
Ion Ratio Lower Upper

164 100

162 98.8 78.3 117.5

160 41.7 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 62.298 ng

RT: 15.949 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG058560.D

Acq: 1 Aug 2023 13:17

Instrument :

BNA\_G

ClientSampleId :

B-P30A

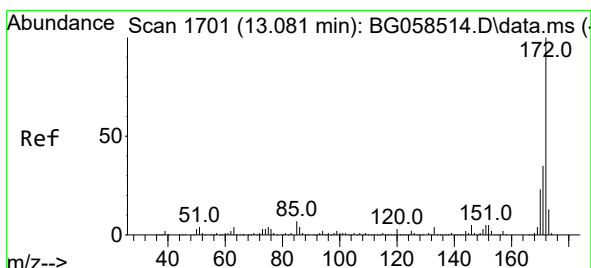
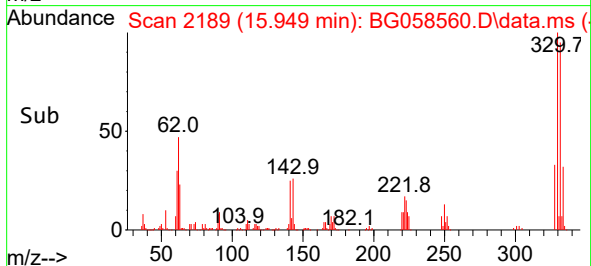
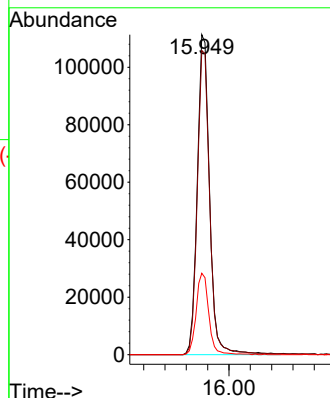
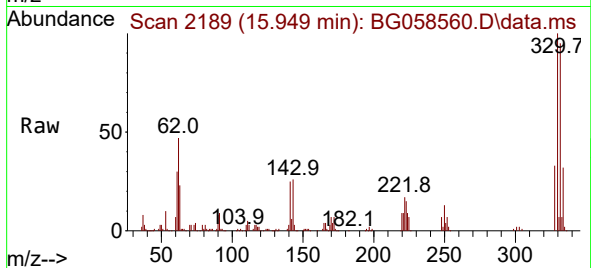
Tgt Ion:330 Resp: 179231

Ion Ratio Lower Upper

330 100

332 95.9 77.5 116.3

141 25.9 20.7 31.1



#45

2-Fluorobiphenyl

Concen: 46.110 ng

RT: 13.082 min Scan# 1701

Delta R.T. 0.000 min

Lab File: BG058560.D

Acq: 1 Aug 2023 13:17

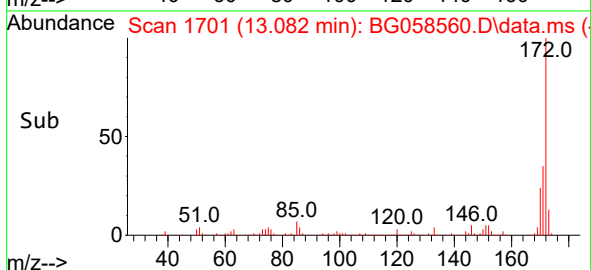
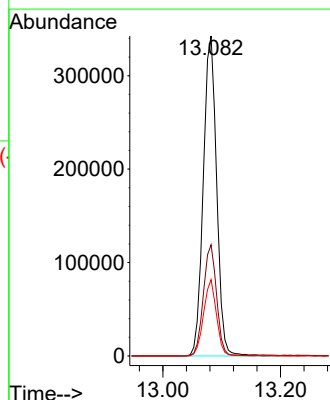
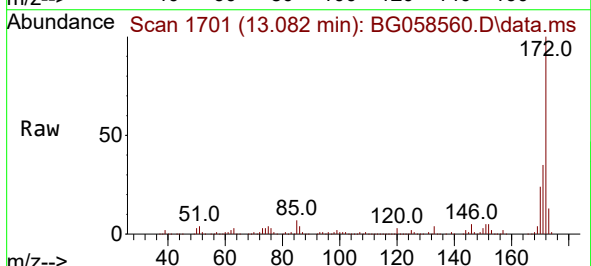
Tgt Ion:172 Resp: 540070

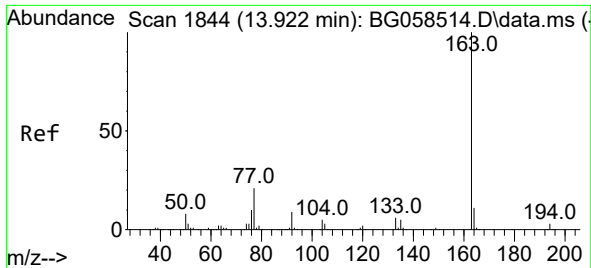
Ion Ratio Lower Upper

172 100

171 34.8 28.0 42.0

170 23.9 18.4 27.6

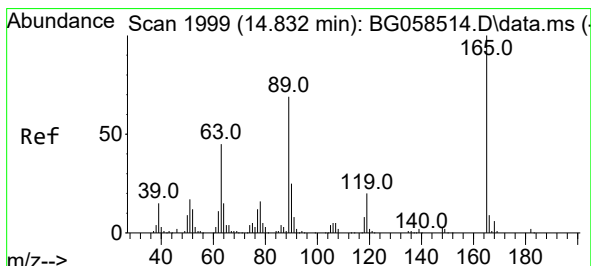
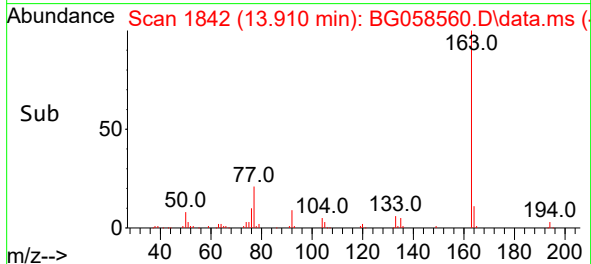
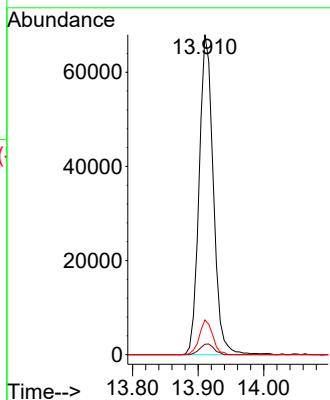
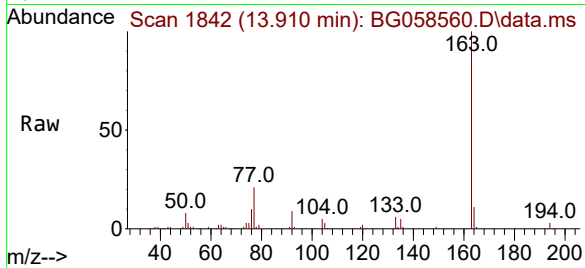




#50  
Dimethylphthalate  
Concen: 7.770 ng  
RT: 13.910 min Scan# 11  
Delta R.T. -0.011 min  
Lab File: BG058560.D  
Acq: 1 Aug 2023 13:17

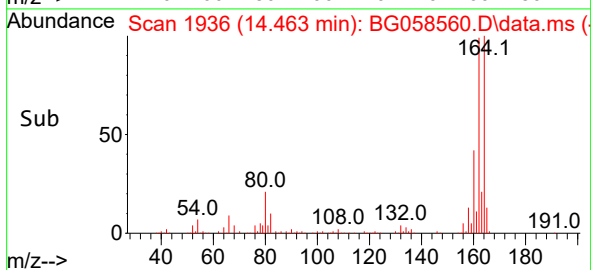
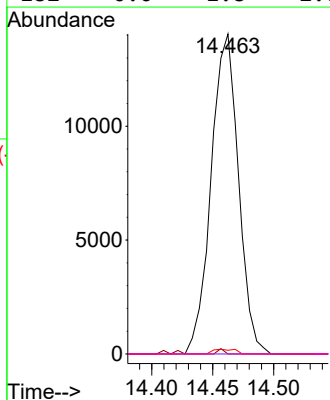
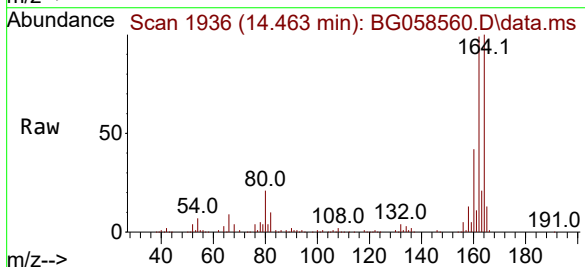
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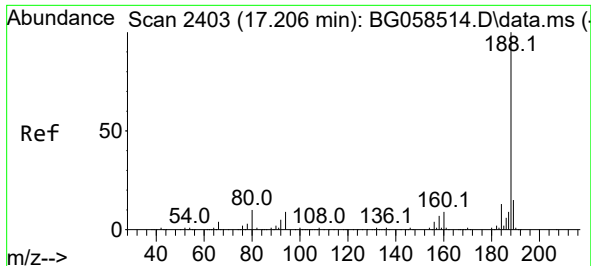
Tgt Ion:163 Resp: 102425  
Ion Ratio Lower Upper  
163 100  
194 3.3 2.7 4.1  
164 10.9 8.6 12.8



#57  
2,4-Dinitrotoluene  
Concen: 5.464 ng  
RT: 14.463 min Scan# 1936  
Delta R.T. -0.369 min  
Lab File: BG058560.D  
Acq: 1 Aug 2023 13:17

Tgt Ion:165 Resp: 21912  
Ion Ratio Lower Upper  
165 100  
63 0.0 36.6 54.8#  
89 1.2 55.4 83.0#  
182 0.0 1.8 2.6#

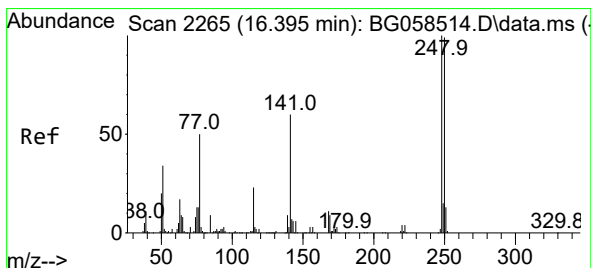
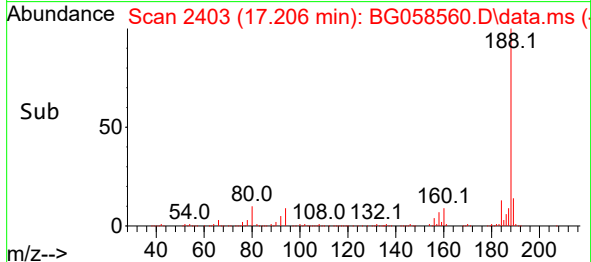
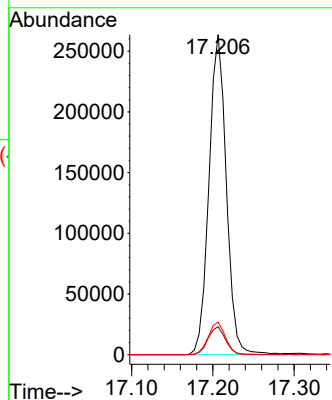
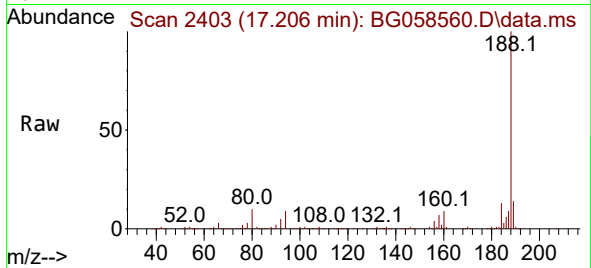




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.206 min Scan# 24  
Delta R.T. 0.000 min  
Lab File: BG058560.D  
Acq: 1 Aug 2023 13:17

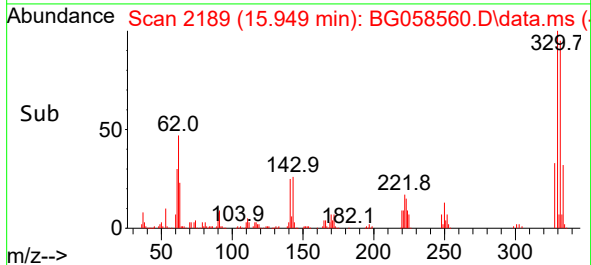
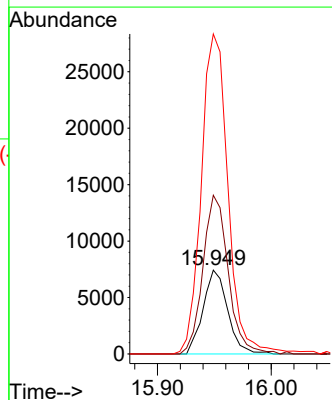
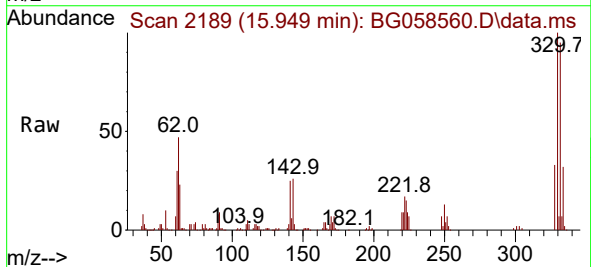
Instrument :  
BNA\_G  
ClientSampleId :  
B-P30A

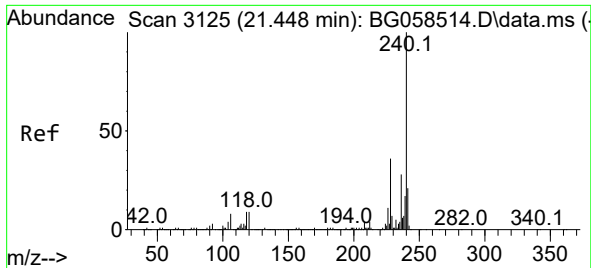
Tgt Ion:188 Resp: 390558  
Ion Ratio Lower Upper  
188 100  
94 8.8 7.0 10.6  
80 10.2 8.1 12.1



#67  
4-Bromophenyl-phenylether  
Concen: 2.514 ng  
RT: 15.949 min Scan# 2189  
Delta R.T. -0.446 min  
Lab File: BG058560.D  
Acq: 1 Aug 2023 13:17

Tgt Ion:248 Resp: 11137  
Ion Ratio Lower Upper  
248 100  
250 189.5 79.5 119.3#  
141 381.8 48.2 72.2#

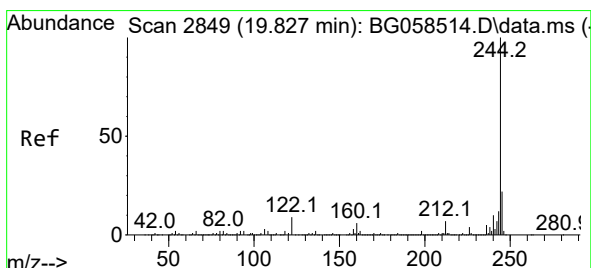
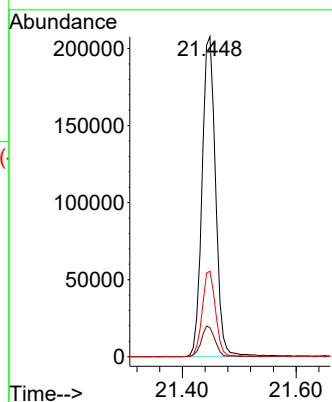
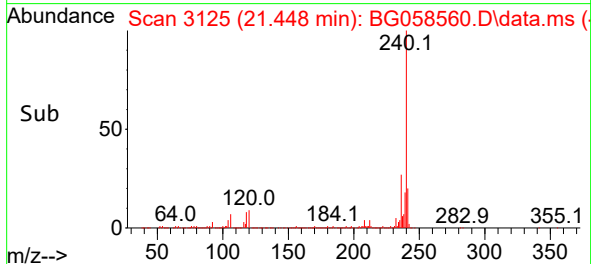
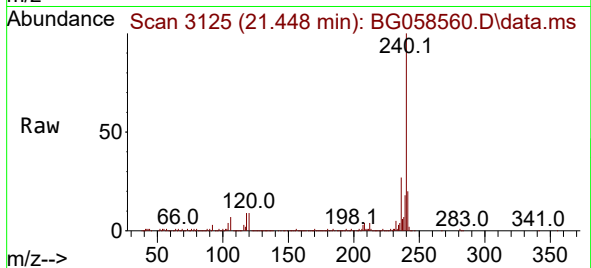




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.448 min Scan# 3125  
Delta R.T. 0.000 min  
Lab File: BG058560.D  
Acq: 1 Aug 2023 13:17

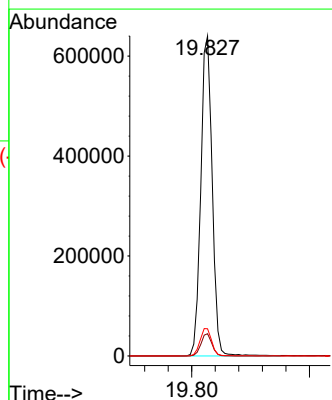
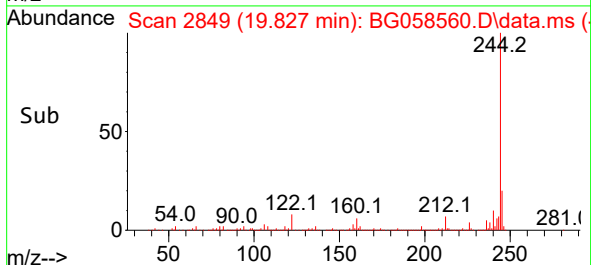
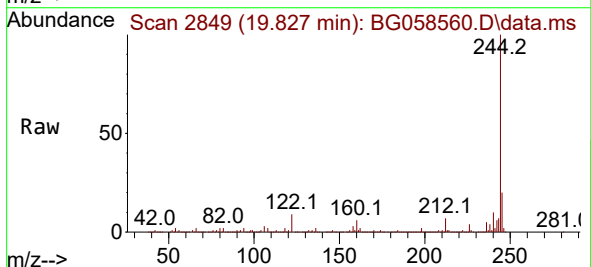
Instrument :  
BNA\_G  
ClientSampleId :  
B-P30A

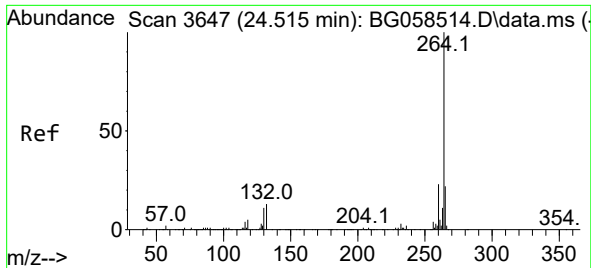
Tgt Ion:240 Resp: 343388  
Ion Ratio Lower Upper  
240 100  
120 9.1 7.4 11.0  
236 26.7 22.2 33.4



#79  
Terphenyl-d14  
Concen: 47.125 ng  
RT: 19.827 min Scan# 2849  
Delta R.T. 0.000 min  
Lab File: BG058560.D  
Acq: 1 Aug 2023 13:17

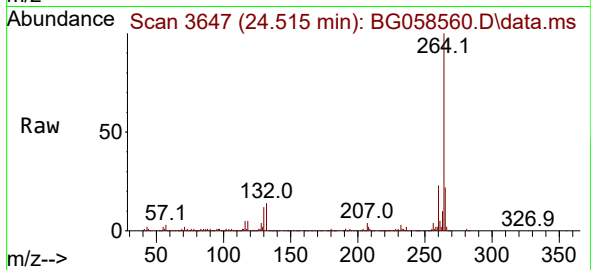
Tgt Ion:244 Resp: 860508  
Ion Ratio Lower Upper  
244 100  
212 7.0 5.9 8.9  
122 8.5 6.8 10.2





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.515 min Scan# 30  
 Delta R.T. 0.000 min  
 Lab File: BG058560.D  
 Acq: 1 Aug 2023 13:17

Instrument :  
 BNA\_G  
 ClientSampleId :  
 B-P30A



Tgt Ion:264 Resp: 423549  
 Ion Ratio Lower Upper  
 264 100  
 260 23.0 18.4 27.6  
 265 21.9 17.9 26.9

