

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG041423\  
 Data File : BG057098.D  
 Acq On : 14 Apr 2023 13:32  
 Operator : CG/JU  
 Sample : 02320-01RE  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 E9074-BAYS-001RE

Quant Time: Apr 14 15:41:08 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG033023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 13 05:15:23 2023  
 Response via : Initial Calibration

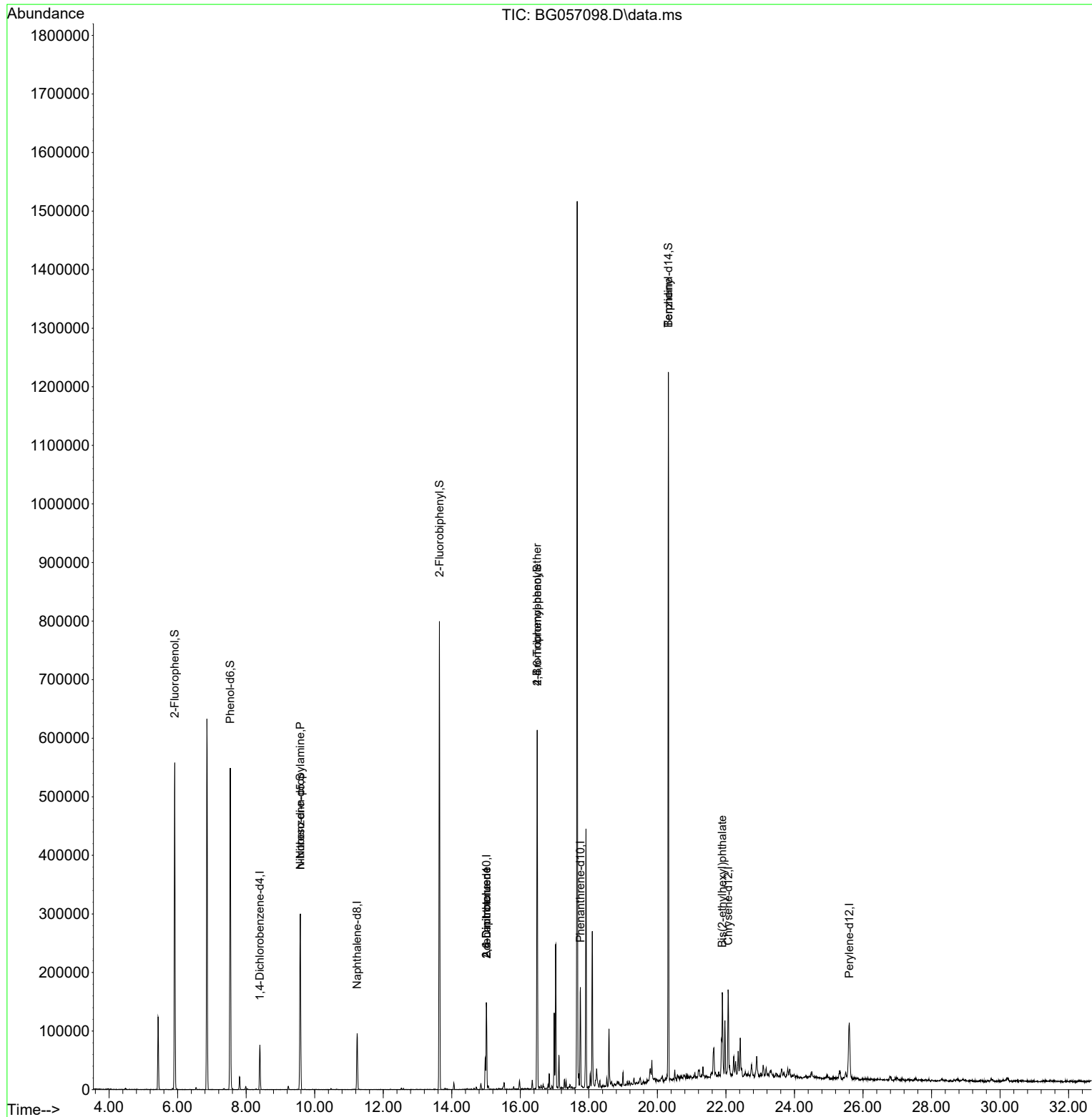
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.401  | 152  | 20941    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.239 | 136  | 80746    | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 15.010 | 164  | 52337    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.753 | 188  | 106047   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 22.065 | 240  | 92437    | 20.000  | ng    | #-0.02   |
| 86) Perylene-d12              | 25.602 | 264  | 102010   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.916  | 112  | 234644   | 179.330 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.538  | 99   | 318094   | 162.546 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.582  | 82   | 199386   | 101.038 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.496 | 330  | 127839   | 152.899 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.641 | 172  | 405536   | 105.071 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.320 | 244  | 589717   | 107.954 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 19) n-Nitroso-di-n-propyla... | 9.582  | 70   | 27802    | 19.862  | ng    | # 80     |
| 51) 2,6-Dinitrotoluene        | 15.010 | 165  | 6412     | 7.197   | ng    | # 20     |
| 57) 2,4-Dinitrotoluene        | 15.010 | 165  | 6412     | 5.103   | ng    | # 22     |
| 67) 4-Bromophenyl-phenylether | 16.490 | 248  | 8027     | 6.118   | ng    | # 1      |
| 77) Benzidine                 | 20.320 | 184  | 9914     | 3.924   | ng    | 95       |
| 84) Bis(2-ethylhexyl)phtha... | 21.895 | 149  | 58434    | 18.342  | ng    | 95       |
| -----                         |        |      |          |         |       |          |

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

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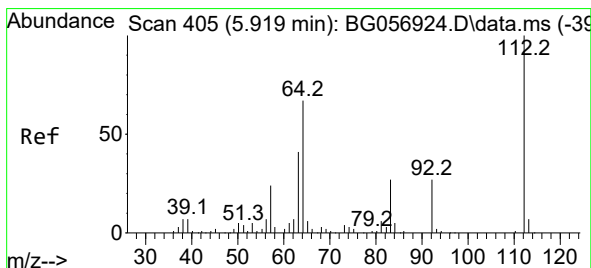
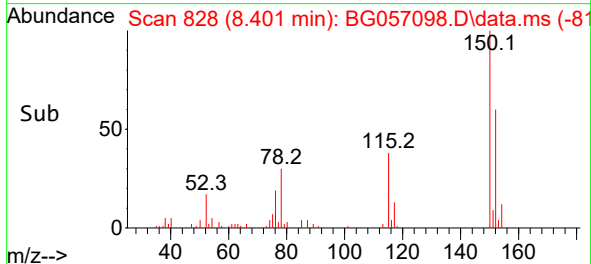
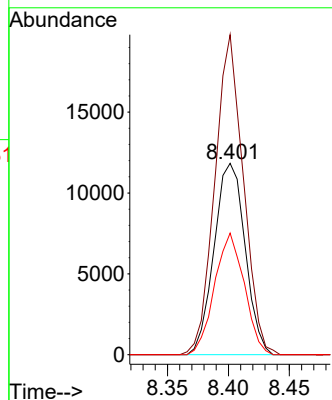
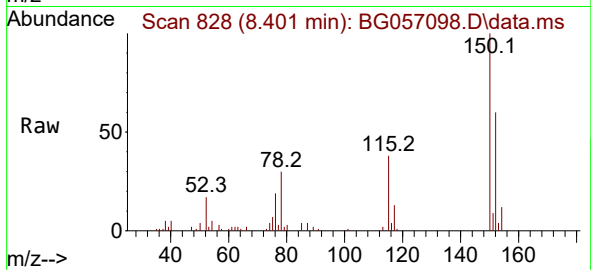




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.401 min Scan# 81  
Delta R.T. -0.010 min  
Lab File: BG057098.D  
Acq: 14 Apr 2023 13:32

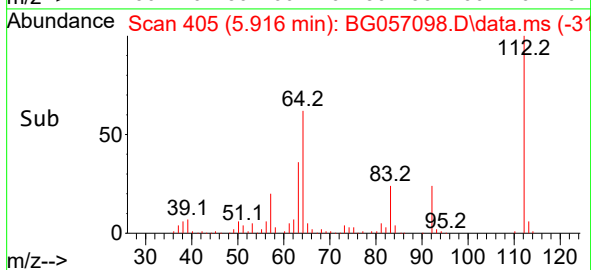
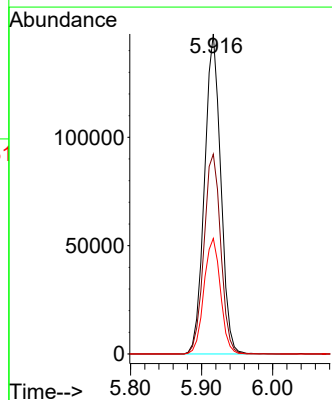
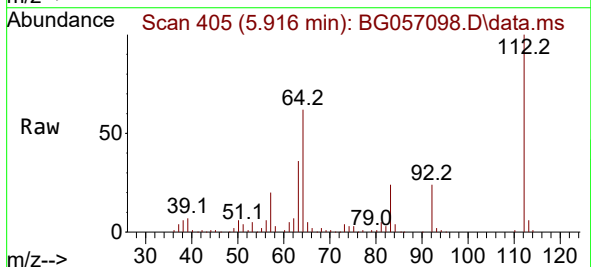
Instrument :  
BNA\_G  
ClientSampleId :  
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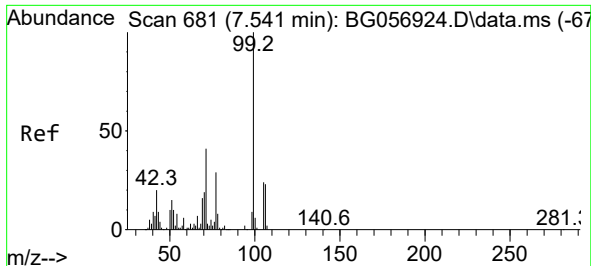
Tgt Ion:152 Resp: 20941  
Ion Ratio Lower Upper  
152 100  
150 167.2 124.1 186.1  
115 63.6 49.1 73.7



#5  
2-Fluorophenol  
Concen: 179.330 ng  
RT: 5.916 min Scan# 405  
Delta R.T. 0.002 min  
Lab File: BG057098.D  
Acq: 14 Apr 2023 13:32

Tgt Ion:112 Resp: 234644  
Ion Ratio Lower Upper  
112 100  
64 62.4 53.2 79.8  
63 36.1 32.6 48.8

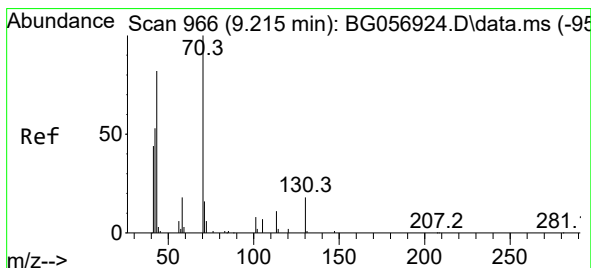
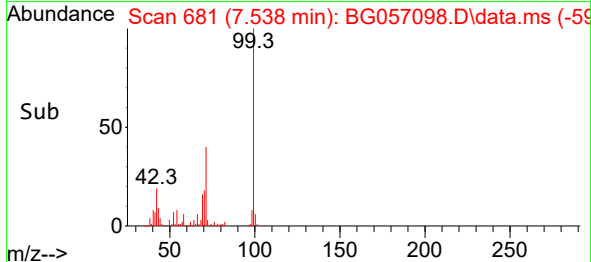
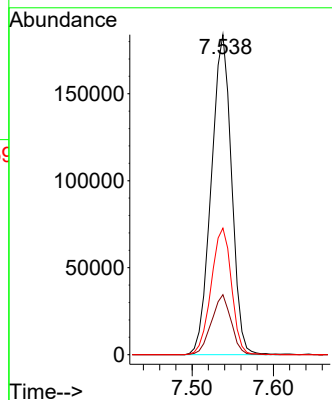
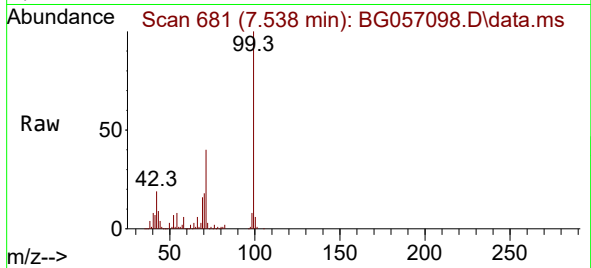




#7  
Phenol-d6  
Concen: 162.546 ng  
RT: 7.538 min Scan# 61  
Delta R.T. 0.002 min  
Lab File: BG057098.D  
Acq: 14 Apr 2023 13:32

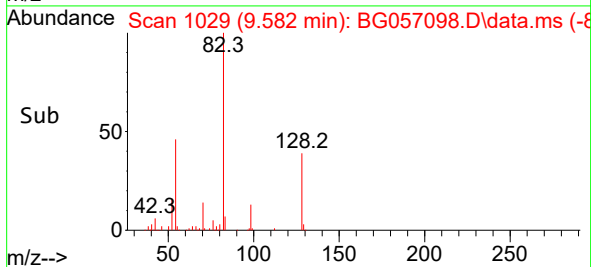
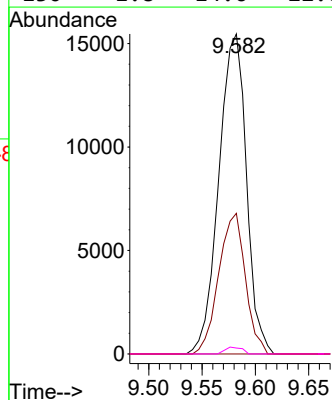
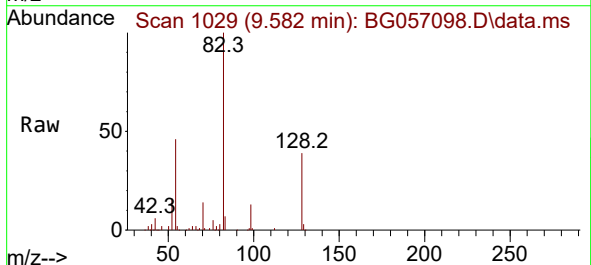
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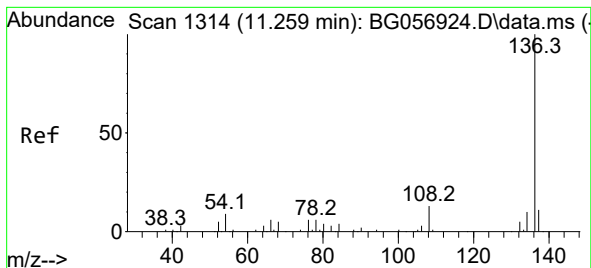
Tgt Ion: 99 Resp: 318094  
Ion Ratio Lower Upper  
99 100  
42 18.8 15.7 23.5  
71 39.6 32.5 48.7



#19  
n-Nitroso-di-n-propylamine  
Concen: 19.862 ng  
RT: 9.582 min Scan# 1029  
Delta R.T. 0.372 min  
Lab File: BG057098.D  
Acq: 14 Apr 2023 13:32

Tgt Ion: 70 Resp: 27802  
Ion Ratio Lower Upper  
70 100  
42 44.0 43.4 65.0  
101 0.0 6.2 9.2#  
130 1.8 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.239 min Scan# 11

Delta R.T. -0.010 min

Lab File: BG057098.D

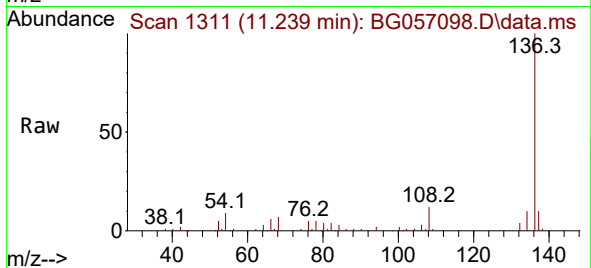
Acq: 14 Apr 2023 13:32

Instrument :

BNA\_G

ClientSampleId :

E9074-BAYS-001RE



Tgt Ion:136 Resp: 80746

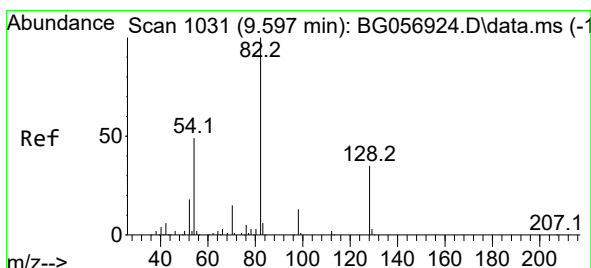
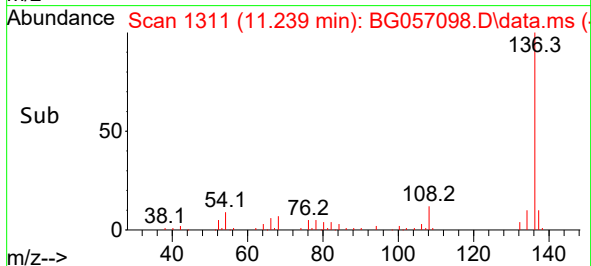
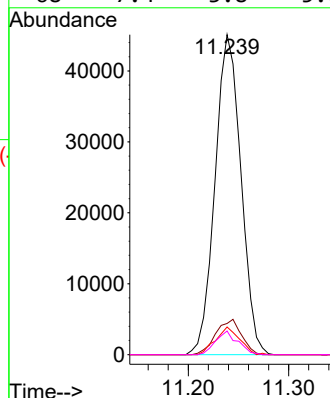
Ion Ratio Lower Upper

136 100

137 9.8 8.6 13.0

54 8.7 6.9 10.3

68 7.4 3.8 5.6#



#23

Nitrobenzene-d5

Concen: 101.038 ng

RT: 9.582 min Scan# 1029

Delta R.T. -0.004 min

Lab File: BG057098.D

Acq: 14 Apr 2023 13:32

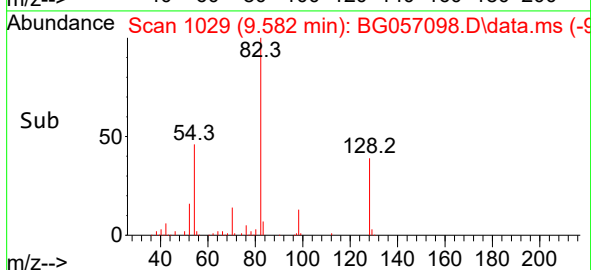
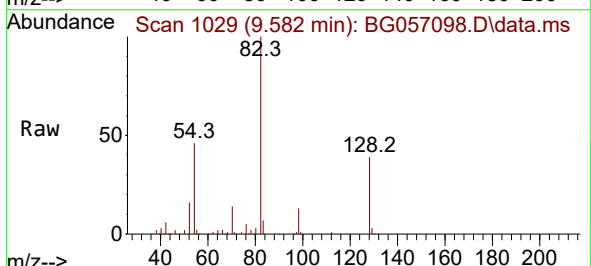
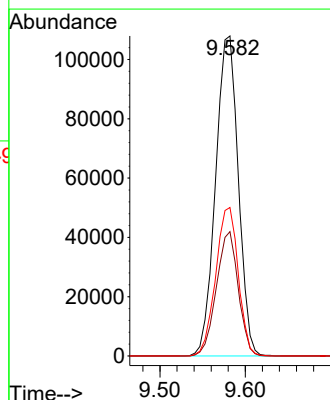
Tgt Ion: 82 Resp: 199386

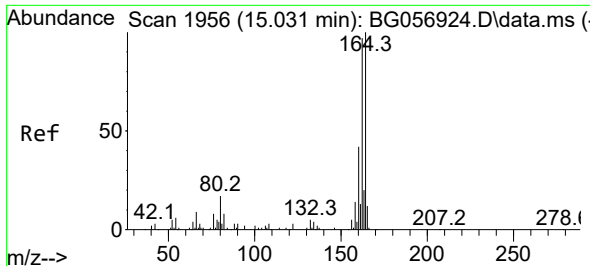
Ion Ratio Lower Upper

82 100

128 38.8 27.9 41.9

54 46.4 39.4 59.2

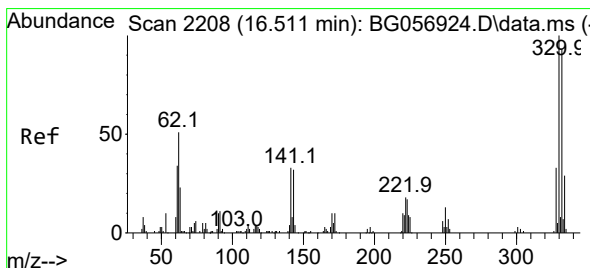
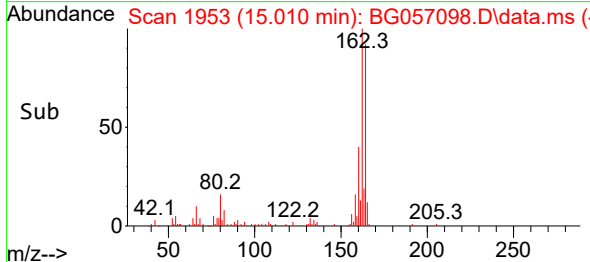
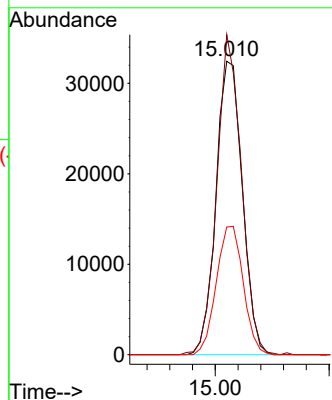
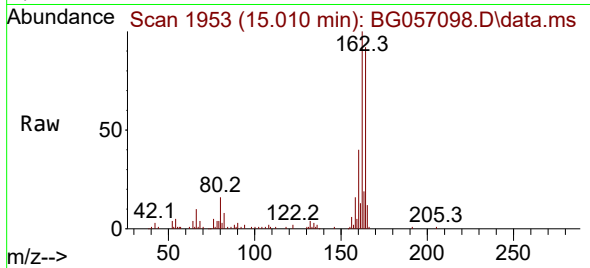




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 15.010 min Scan# 1953  
Delta R.T. -0.010 min  
Lab File: BG057098.D  
Acq: 14 Apr 2023 13:32

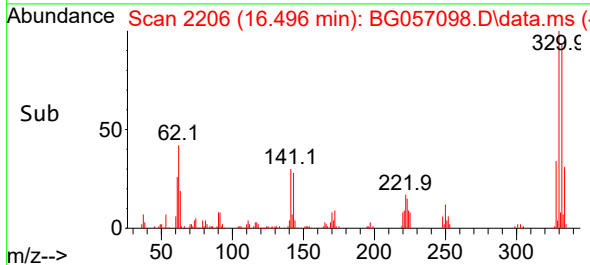
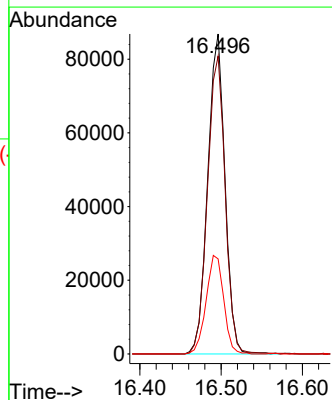
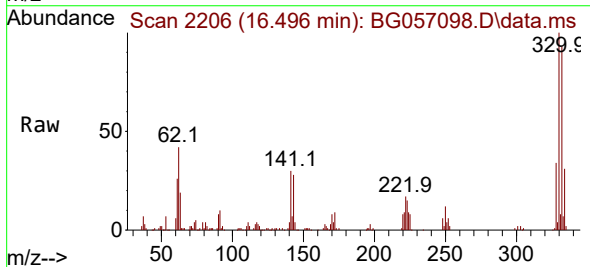
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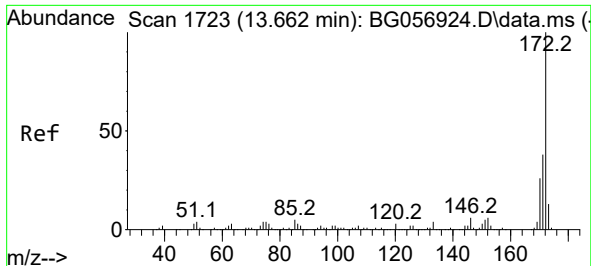
Tgt Ion:164 Resp: 52337  
Ion Ratio Lower Upper  
164 100  
162 109.0 77.8 116.8  
160 43.5 33.5 50.3



#42  
2,4,6-Tribromophenol  
Concen: 152.899 ng  
RT: 16.496 min Scan# 2206  
Delta R.T. -0.004 min  
Lab File: BG057098.D  
Acq: 14 Apr 2023 13:32

Tgt Ion:330 Resp: 127839  
Ion Ratio Lower Upper  
330 100  
332 95.8 76.1 114.1  
141 31.4 25.8 38.6

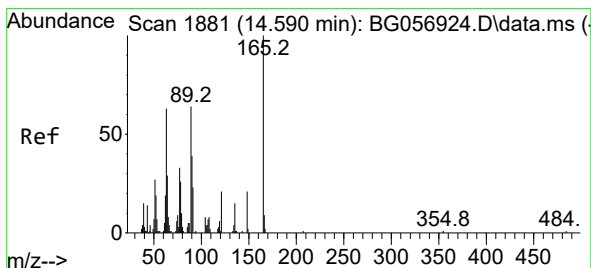
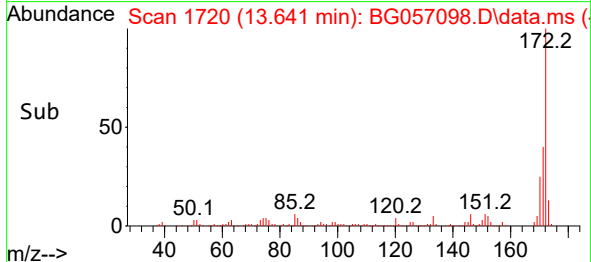
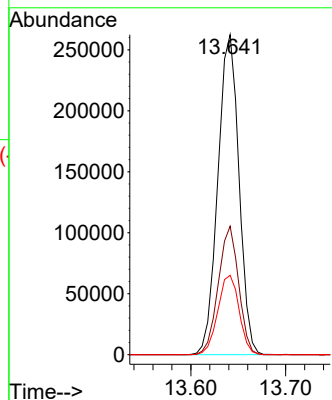
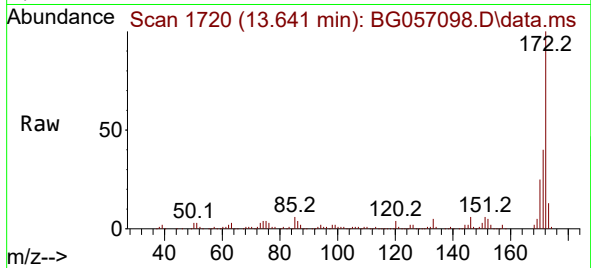




#45  
2-Fluorobiphenyl  
Concen: 105.071 ng  
RT: 13.641 min Scan# 1  
Delta R.T. -0.004 min  
Lab File: BG057098.D  
Acq: 14 Apr 2023 13:32

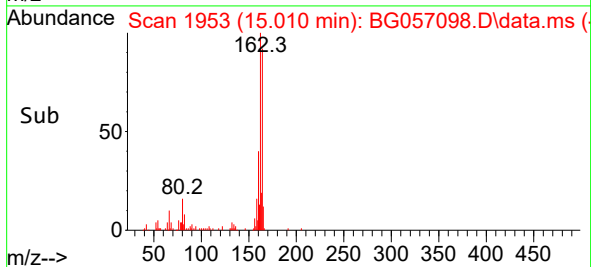
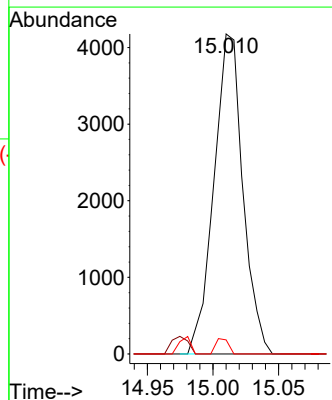
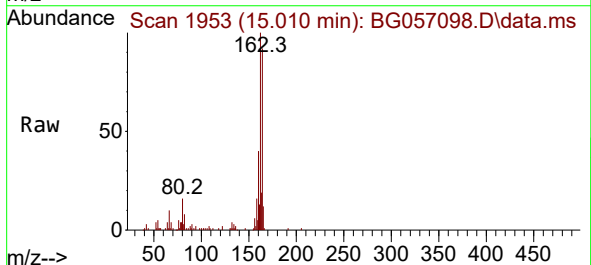
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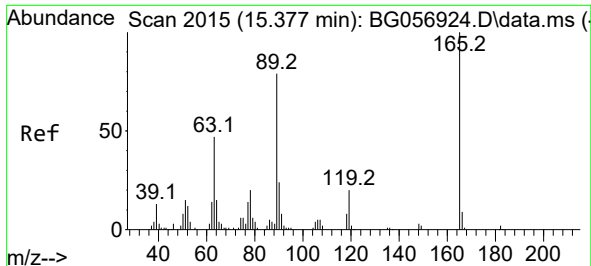
Tgt Ion:172 Resp: 405536  
Ion Ratio Lower Upper  
172 100  
171 40.1 30.6 46.0  
170 24.8 20.6 30.8



#51  
2,6-Dinitrotoluene  
Concen: 7.197 ng  
RT: 15.010 min Scan# 1953  
Delta R.T. 0.425 min  
Lab File: BG057098.D  
Acq: 14 Apr 2023 13:32

Tgt Ion:165 Resp: 6412  
Ion Ratio Lower Upper  
165 100  
63 0.0 53.0 79.6#  
89 4.4 51.0 76.4#





#57

2,4-Dinitrotoluene

Concen: 5.103 ng

RT: 15.010 min Scan# 1953

Delta R.T. -0.356 min

Lab File: BG057098.D

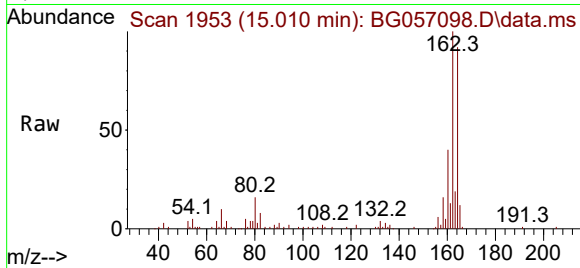
Acq: 14 Apr 2023 13:32

Instrument :

BNA\_G

ClientSampleId :

E9074-BAYS-001RE



Tgt Ion:165 Resp: 6412

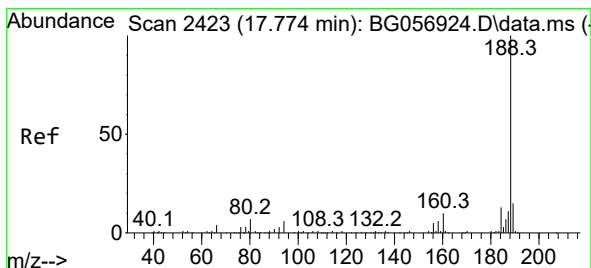
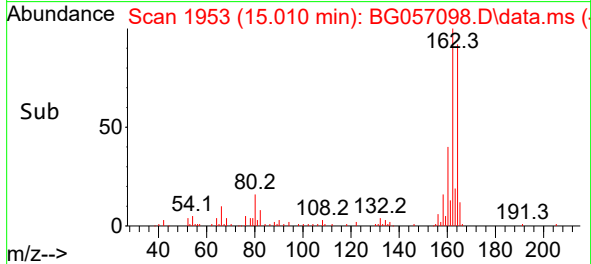
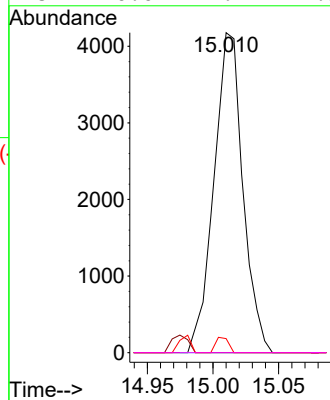
Ion Ratio Lower Upper

165 100

63 0.0 37.7 56.5#

89 4.4 63.2 94.8#

182 0.0 1.7 2.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.753 min Scan# 2420

Delta R.T. -0.010 min

Lab File: BG057098.D

Acq: 14 Apr 2023 13:32

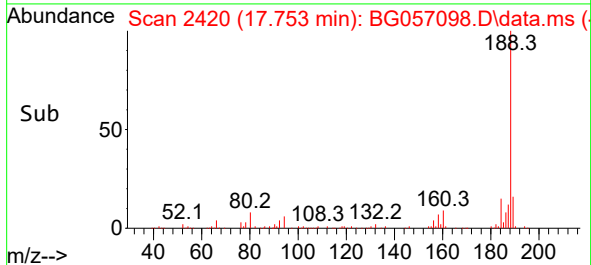
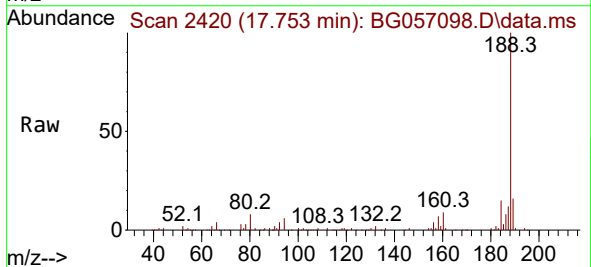
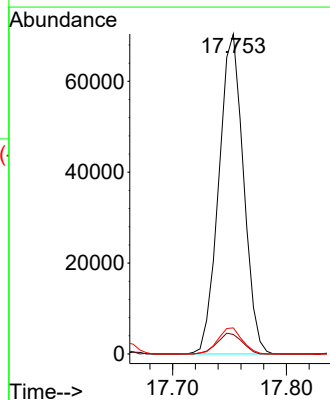
Tgt Ion:188 Resp: 106047

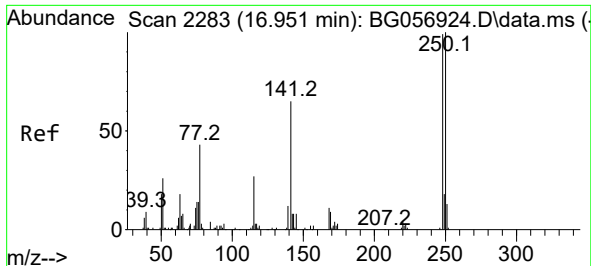
Ion Ratio Lower Upper

188 100

94 6.1 4.6 6.8

80 8.2 5.5 8.3

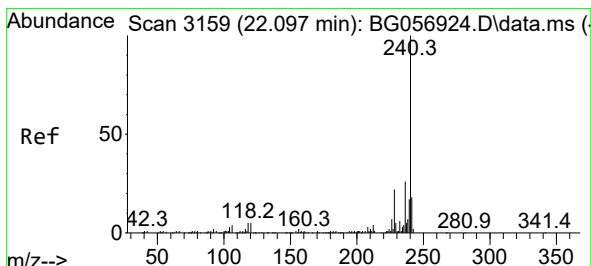
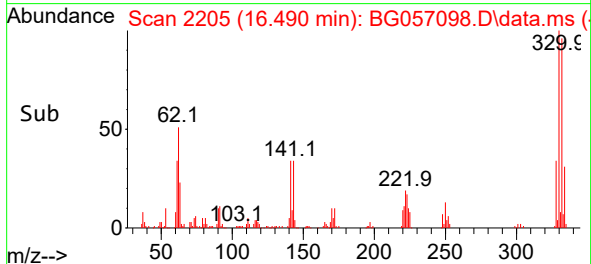
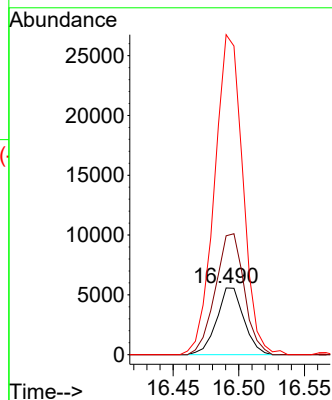
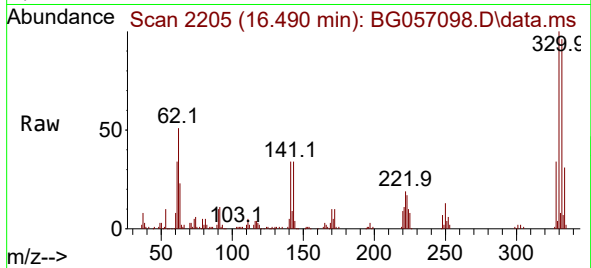




#67  
4-Bromophenyl-phenylether  
Concen: 6.118 ng  
RT: 16.490 min Scan# 21  
Delta R.T. -0.445 min  
Lab File: BG057098.D  
Acq: 14 Apr 2023 13:32

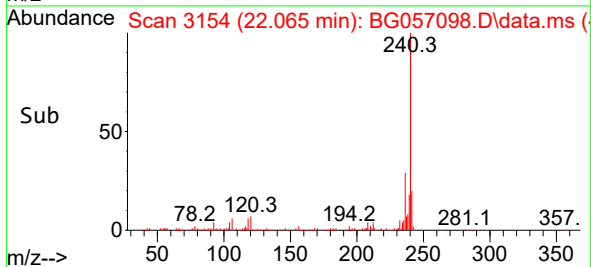
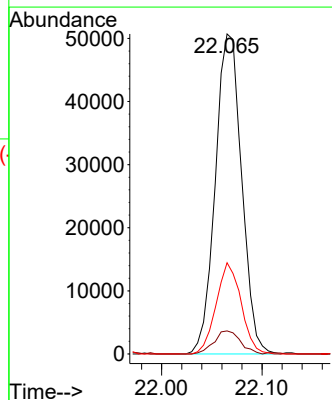
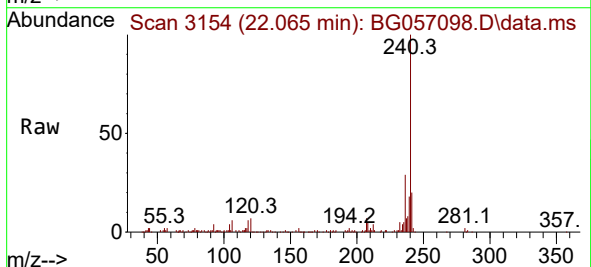
Instrument :  
BNA\_G  
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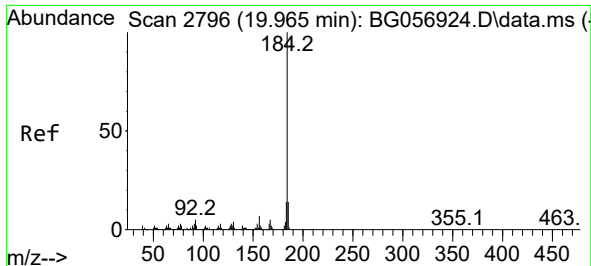
Tgt Ion:248 Resp: 8027  
Ion Ratio Lower Upper  
248 100  
250 178.2 80.5 120.7#  
141 479.6 52.0 78.0#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 22.065 min Scan# 3154  
Delta R.T. -0.016 min  
Lab File: BG057098.D  
Acq: 14 Apr 2023 13:32

Tgt Ion:240 Resp: 92437  
Ion Ratio Lower Upper  
240 100  
120 7.2 3.8 5.6#  
236 28.5 21.0 31.6

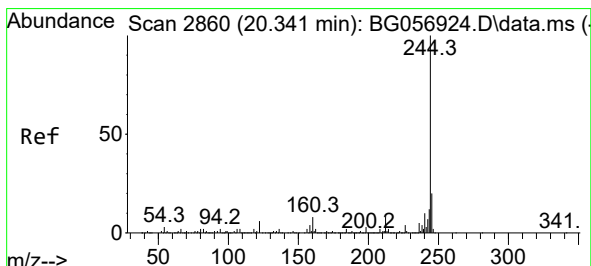
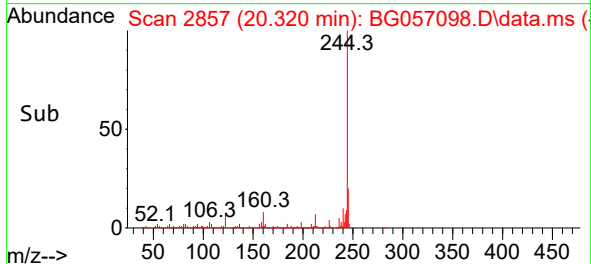
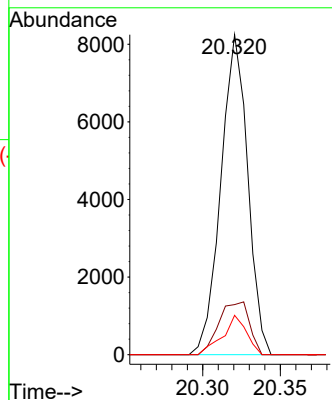
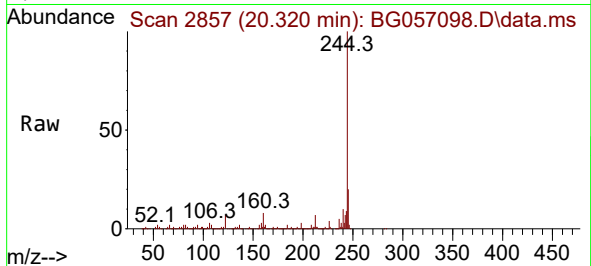




#77  
Benzidine  
Concen: 3.924 ng  
RT: 20.320 min Scan# 2857  
Delta R.T. 0.366 min  
Lab File: BG057098.D  
Acq: 14 Apr 2023 13:32

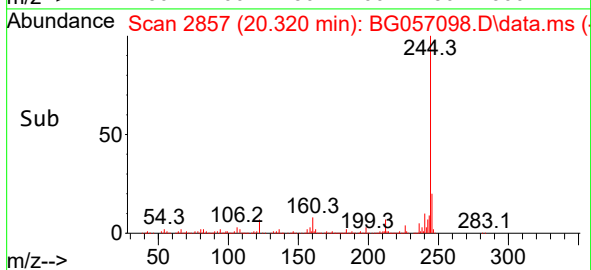
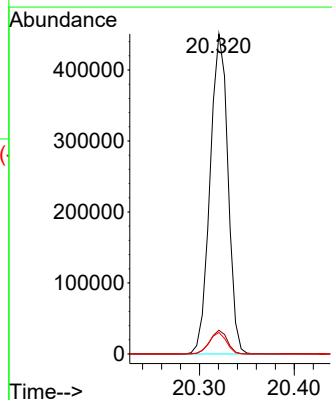
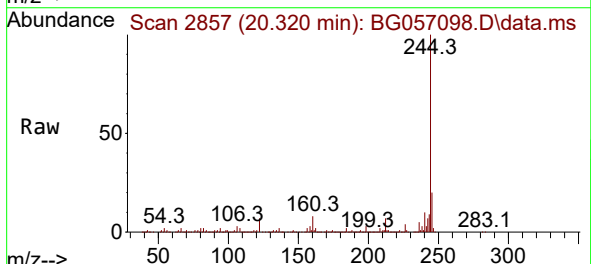
Instrument :  
BNA\_G  
ClientSampleId :  
E9074-BAYS-001RE

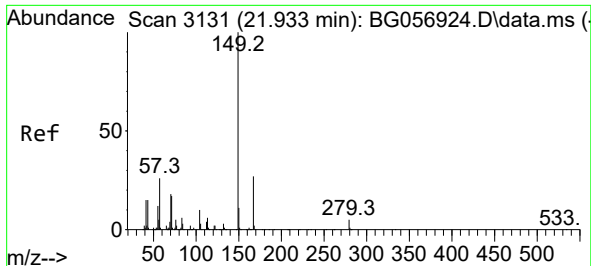
Tgt Ion:184 Resp: 9914  
Ion Ratio Lower Upper  
184 100  
185 15.7 11.0 16.4  
183 12.3 11.4 17.0



#79  
Terphenyl-d14  
Concen: 107.954 ng  
RT: 20.320 min Scan# 2857  
Delta R.T. -0.004 min  
Lab File: BG057098.D  
Acq: 14 Apr 2023 13:32

Tgt Ion:244 Resp: 589717  
Ion Ratio Lower Upper  
244 100  
212 7.4 6.1 9.1  
122 6.7 5.0 7.4

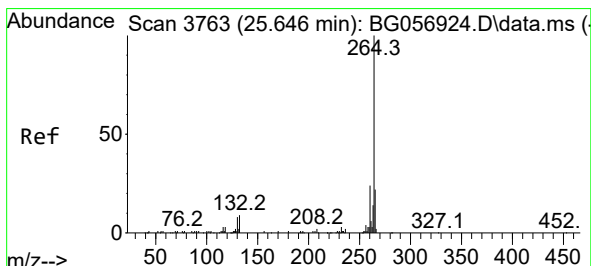
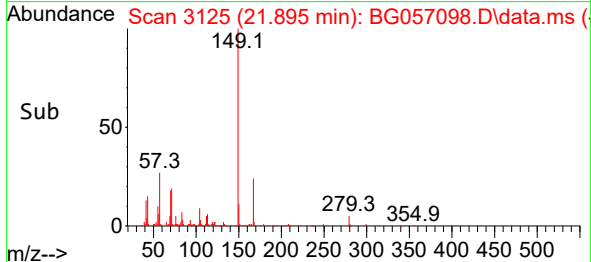
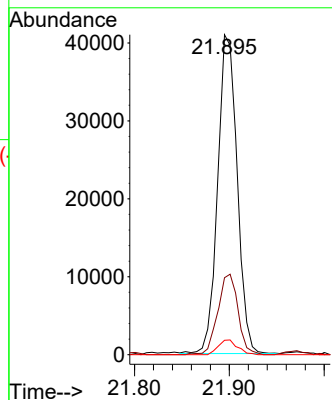
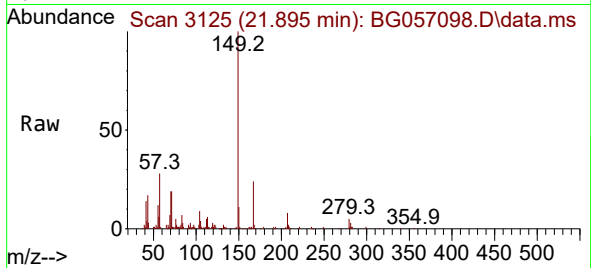




#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 18.342 ng  
 RT: 21.895 min Scan# 3131  
 Delta R.T. -0.016 min  
 Lab File: BG057098.D  
 Acq: 14 Apr 2023 13:32

Instrument :  
 BNA\_G  
 ClientSampleId :  
 E9074-BAYS-001RE

Tgt Ion:149 Resp: 58434  
 Ion Ratio Lower Upper  
 149 100  
 167 24.1 21.4 32.2  
 279 4.5 3.9 5.9



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.602 min Scan# 3756  
 Delta R.T. -0.010 min  
 Lab File: BG057098.D  
 Acq: 14 Apr 2023 13:32

Tgt Ion:264 Resp: 102010  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 19.0 28.4  
 265 20.7 17.8 26.6

