

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG041323\  
 Data File : BG057086.D  
 Acq On : 13 Apr 2023 17:53  
 Operator : CG/JU  
 Sample : 02321-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 E9074-BAYC-001

Quant Time: Apr 13 19:03:12 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

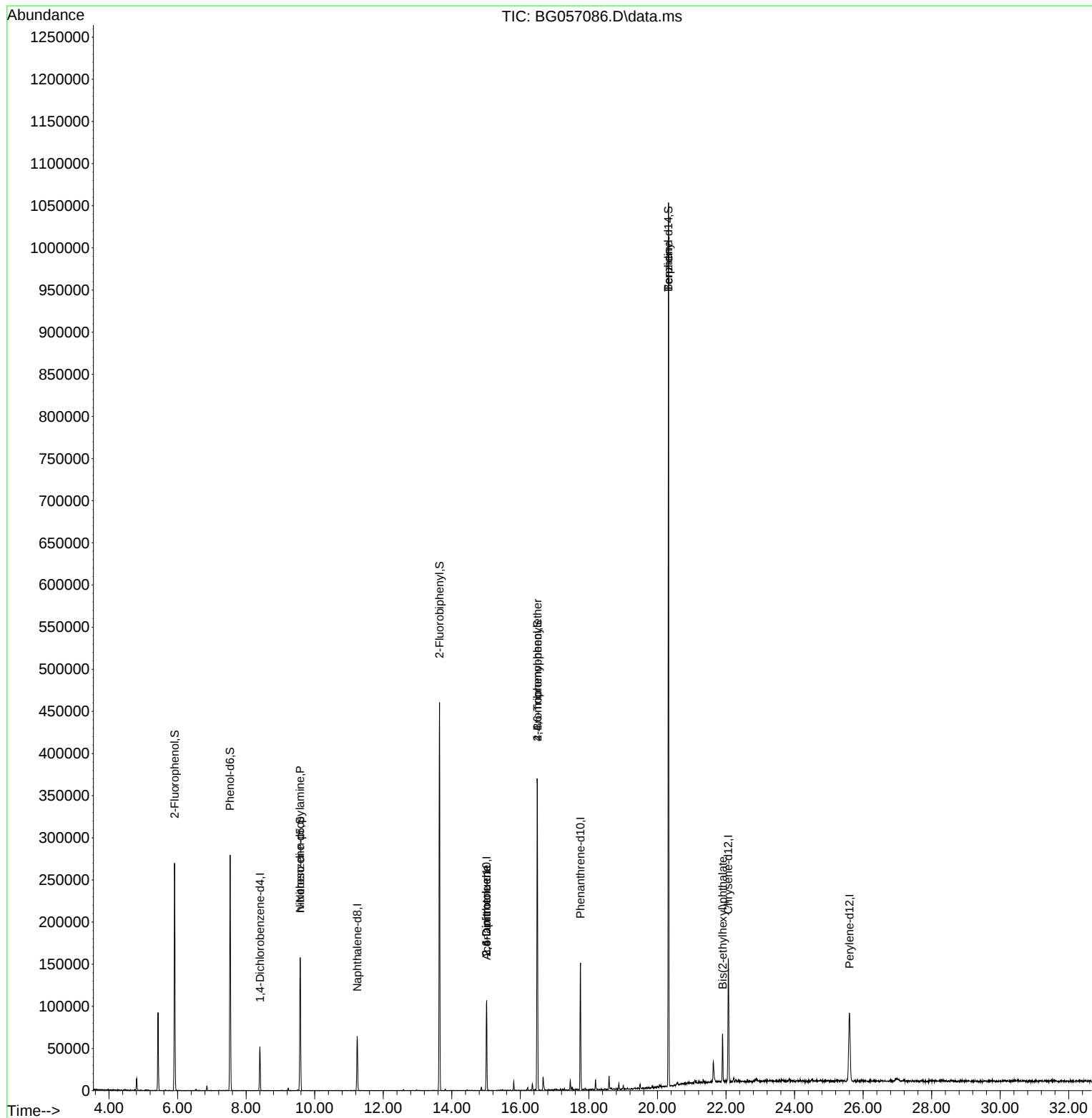
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.402  | 152  | 14193    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.240 | 136  | 52993    | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 15.011 | 164  | 39498    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.754 | 188  | 95519    | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 22.066 | 240  | 93668    | 20.000  | ng    | #-0.01   |
| 86) Perylene-d12              | 25.603 | 264  | 99708    | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.912  | 112  | 111256   | 125.456 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.533  | 99   | 154687   | 116.627 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.577  | 82   | 102078   | 78.818  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.497 | 330  | 77284    | 122.480 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.642 | 172  | 231227   | 79.383  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.321 | 244  | 505969   | 91.406  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 19) n-Nitroso-di-n-propyla... | 9.577  | 70   | 14784    | 15.584  | ng    | # 72     |
| 51) 2,6-Dinitrotoluene        | 15.017 | 165  | 4791     | 7.125   | ng    | # 18     |
| 57) 2,4-Dinitrotoluene        | 15.017 | 165  | 4791     | 5.052   | ng    | # 18     |
| 67) 4-Bromophenyl-phenylether | 16.497 | 248  | 4724     | 3.997   | ng    | # 1      |
| 77) Benzidine                 | 20.321 | 184  | 8286     | 3.236   | ng    | # 89     |
| 84) Bis(2-ethylhexyl)phtha... | 21.902 | 149  | 24504    | 7.591   | ng    | 97       |
| -----                         |        |      |          |         |       |          |

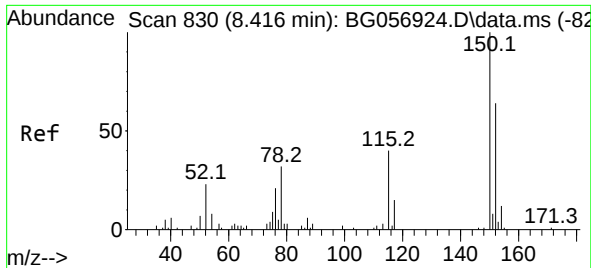
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG041323\  
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Quant Time: Apr 13 19:03:12 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

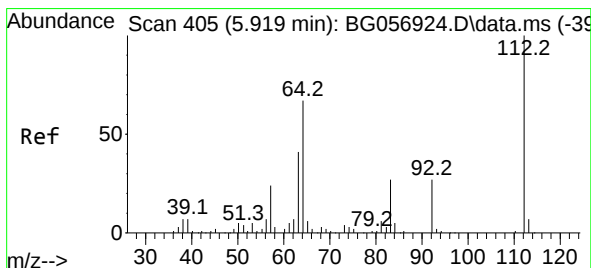
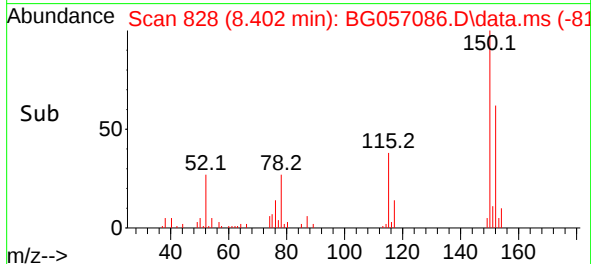
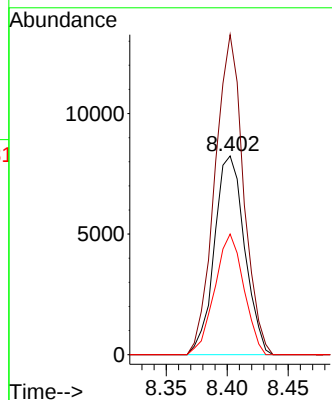
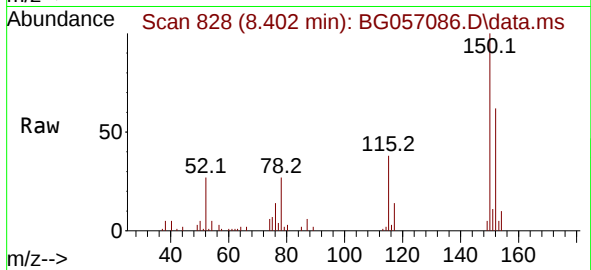




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.402 min Scan# 81  
Delta R.T. -0.009 min  
Lab File: BG057086.D  
Acq: 13 Apr 2023 17:53

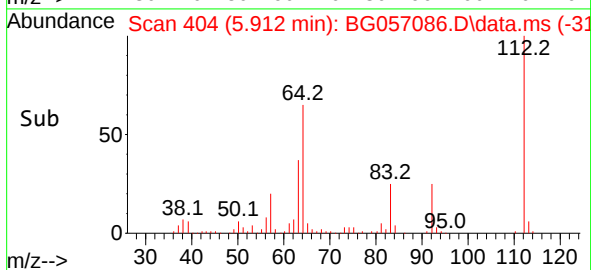
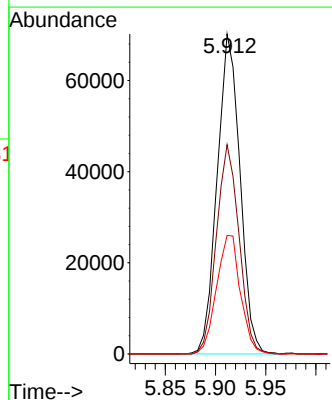
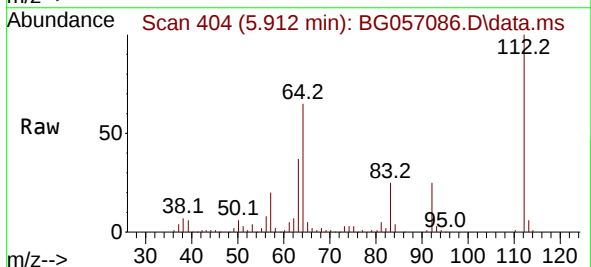
Instrument :  
BNA\_G  
ClientSampleId :  
E9074-BAYC-001

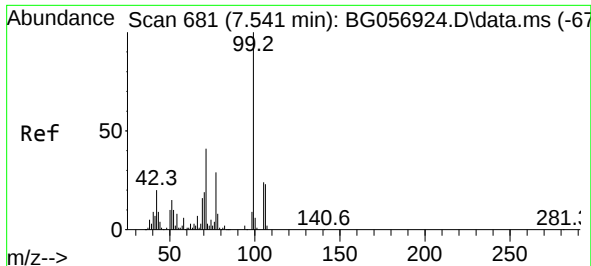
Tgt Ion:152 Resp: 14193  
Ion Ratio Lower Upper  
152 100  
150 161.1 124.1 186.1  
115 60.7 49.1 73.7



#5  
2-Fluorophenol  
Concen: 125.456 ng  
RT: 5.912 min Scan# 404  
Delta R.T. -0.003 min  
Lab File: BG057086.D  
Acq: 13 Apr 2023 17:53

Tgt Ion:112 Resp: 111256  
Ion Ratio Lower Upper  
112 100  
64 65.4 53.2 79.8  
63 37.1 32.6 48.8

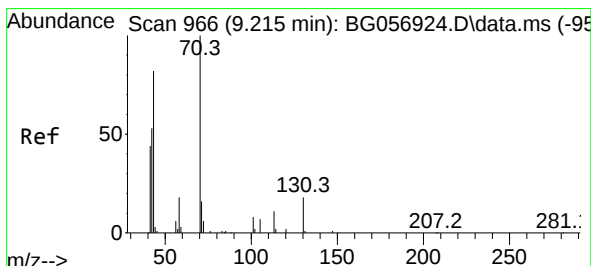
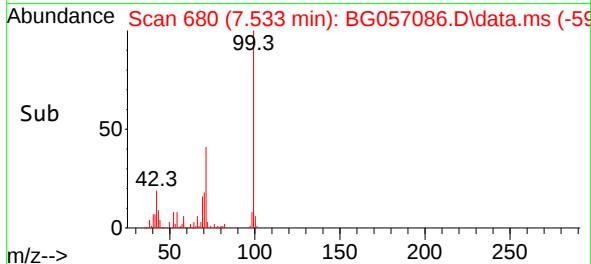
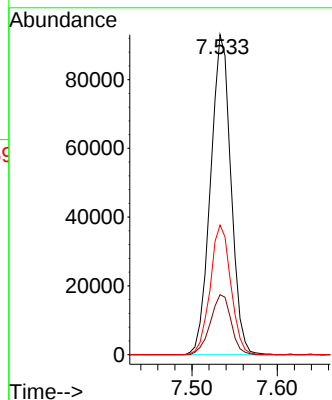
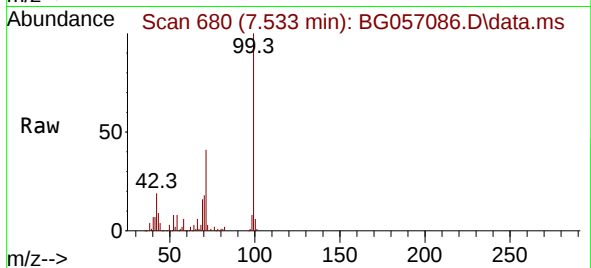




#7  
Phenol-d6  
Concen: 116.627 ng  
RT: 7.533 min Scan# 61  
Delta R.T. -0.003 min  
Lab File: BG057086.D  
Acq: 13 Apr 2023 17:53

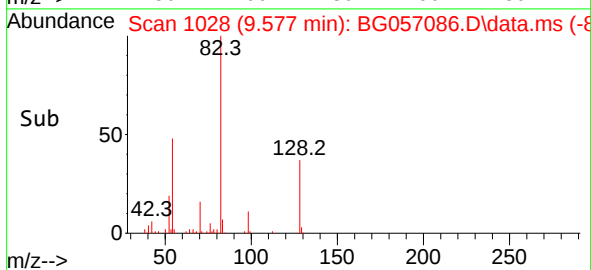
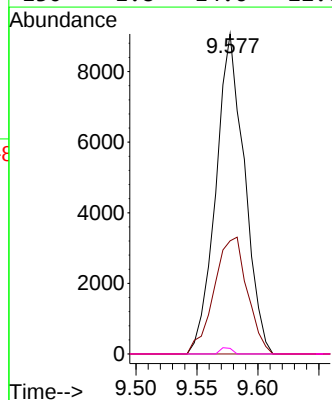
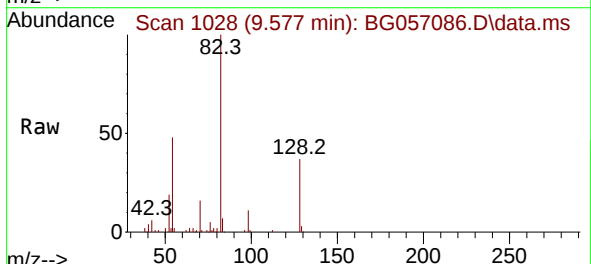
Instrument :  
BNA\_G  
ClientSampleId :  
E9074-BAYC-001

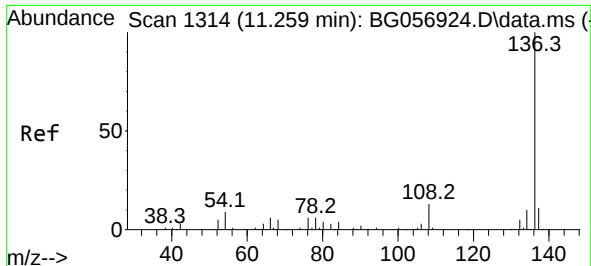
Tgt Ion: 99 Resp: 154687  
Ion Ratio Lower Upper  
99 100  
42 18.7 15.7 23.5  
71 40.5 32.5 48.7



#19  
n-Nitroso-di-n-propylamine  
Concen: 15.584 ng  
RT: 9.577 min Scan# 1028  
Delta R.T. 0.367 min  
Lab File: BG057086.D  
Acq: 13 Apr 2023 17:53

Tgt Ion: 70 Resp: 14784  
Ion Ratio Lower Upper  
70 100  
42 35.4 43.4 65.0#  
101 0.0 6.2 9.2#  
130 1.8 14.6 22.0#

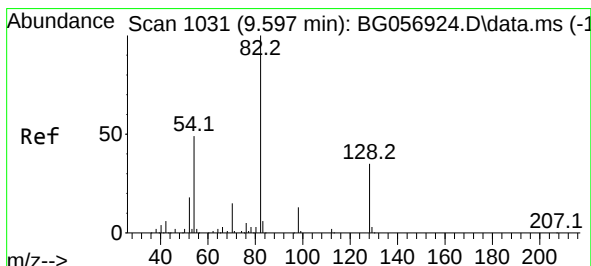
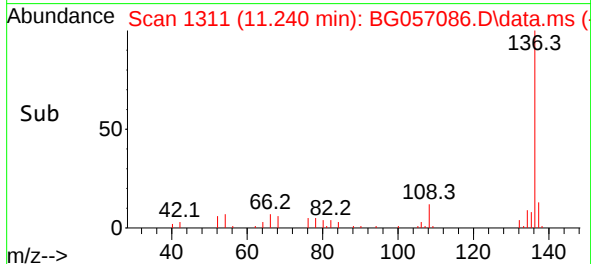
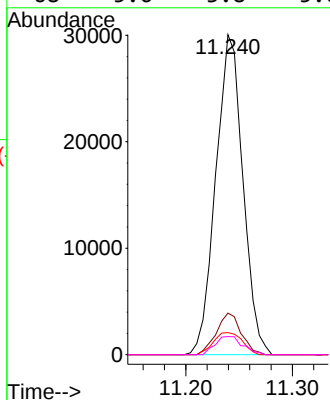
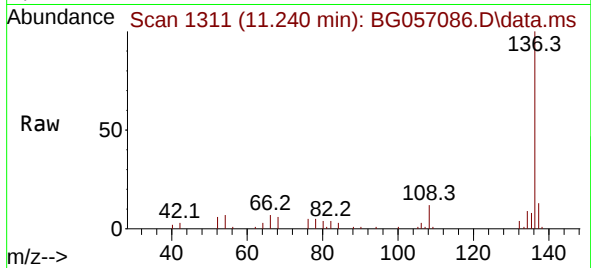




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.240 min Scan# 11  
Delta R.T. -0.009 min  
Lab File: BG057086.D  
Acq: 13 Apr 2023 17:53

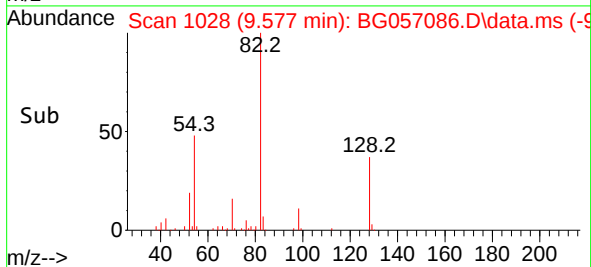
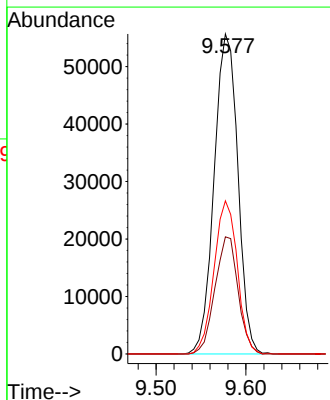
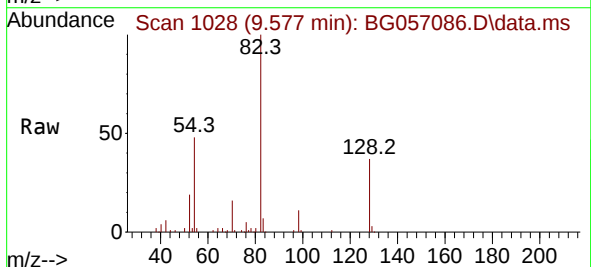
Instrument :  
BNA\_G  
ClientSampleId :  
E9074-BAYC-001

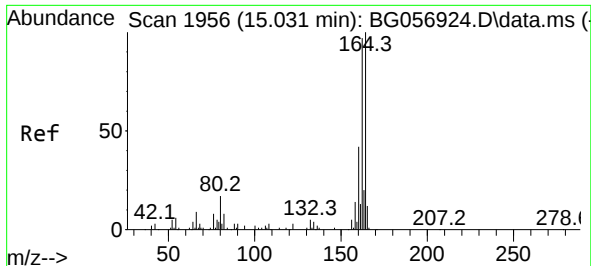
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 52993 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 13.0  | 8.6   | 13.0# |
| 54        | 6.9   | 6.9   | 10.3  |
| 68        | 5.6   | 3.8   | 5.6   |



#23  
Nitrobenzene-d5  
Concen: 78.818 ng  
RT: 9.577 min Scan# 1028  
Delta R.T. -0.009 min  
Lab File: BG057086.D  
Acq: 13 Apr 2023 17:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 102078 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 36.6  | 27.9  | 41.9   |
| 54        | 47.9  | 39.4  | 59.2   |

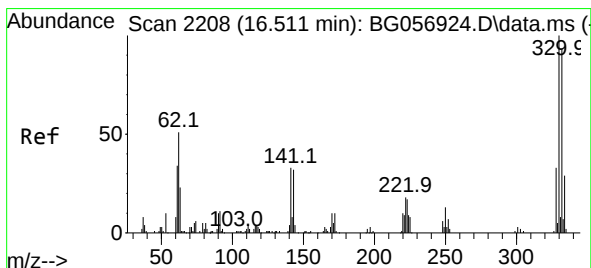
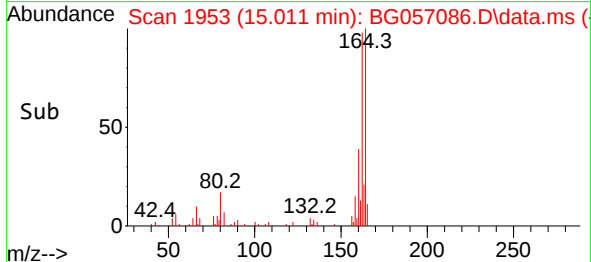
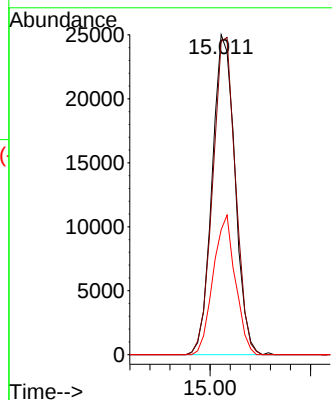
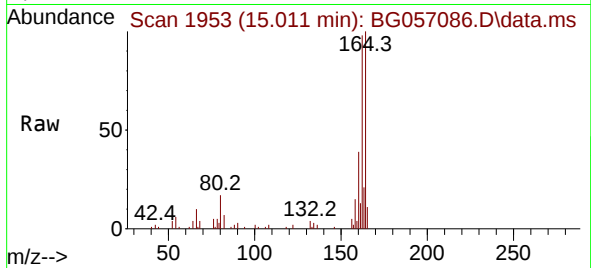




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 15.011 min Scan# 1953  
Delta R.T. -0.009 min  
Lab File: BG057086.D  
Acq: 13 Apr 2023 17:53

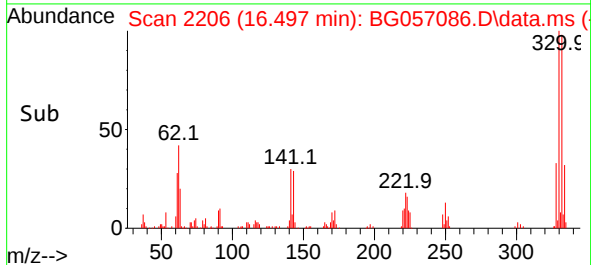
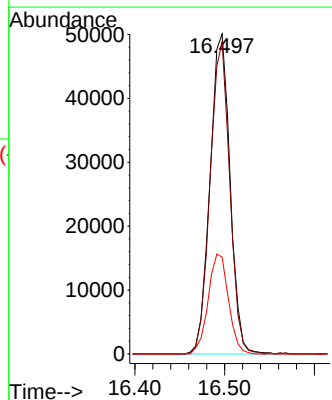
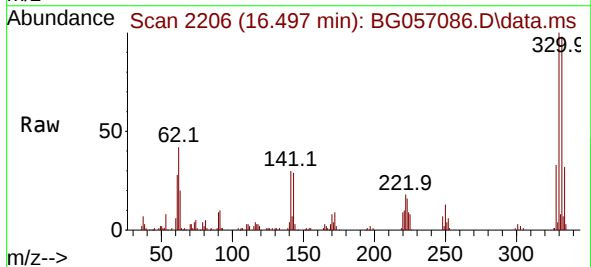
Instrument :  
BNA\_G  
ClientSampleId :  
E9074-BAYC-001

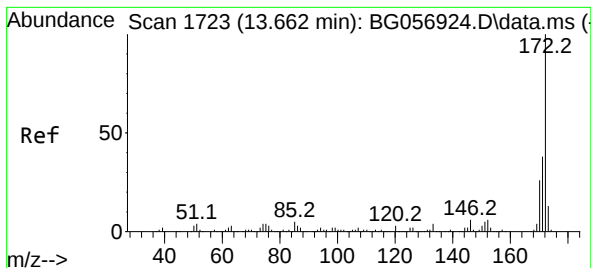
Tgt Ion:164 Resp: 39498  
Ion Ratio Lower Upper  
164 100  
162 98.0 77.8 116.8  
160 39.0 33.5 50.3



#42  
2,4,6-Tribromophenol  
Concen: 122.480 ng  
RT: 16.497 min Scan# 2206  
Delta R.T. -0.003 min  
Lab File: BG057086.D  
Acq: 13 Apr 2023 17:53

Tgt Ion:330 Resp: 77284  
Ion Ratio Lower Upper  
330 100  
332 96.0 76.1 114.1  
141 31.7 25.8 38.6

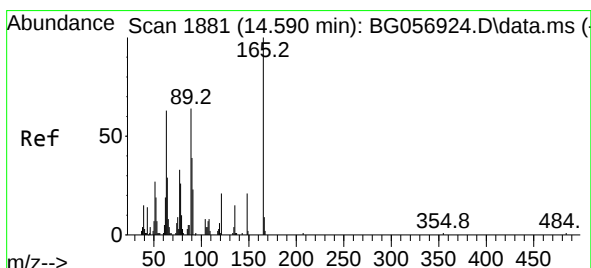
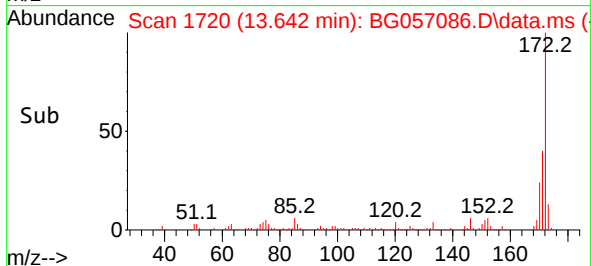
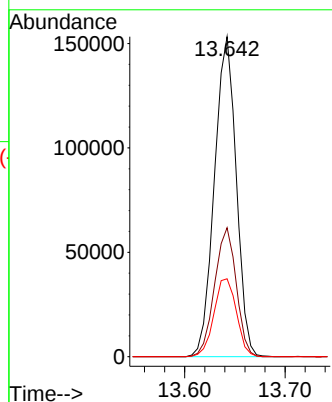
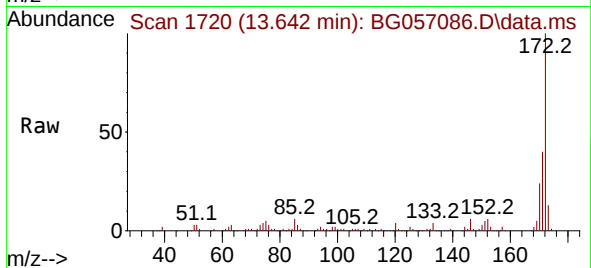




#45  
2-Fluorobiphenyl  
Concen: 79.383 ng  
RT: 13.642 min Scan# 1  
Delta R.T. -0.003 min  
Lab File: BG057086.D  
Acq: 13 Apr 2023 17:53

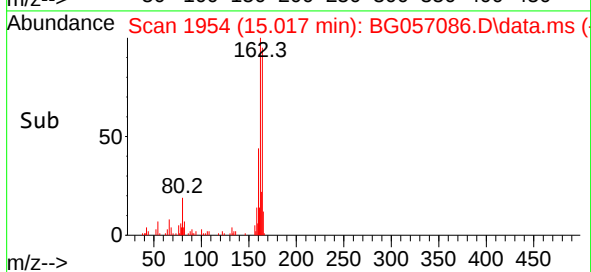
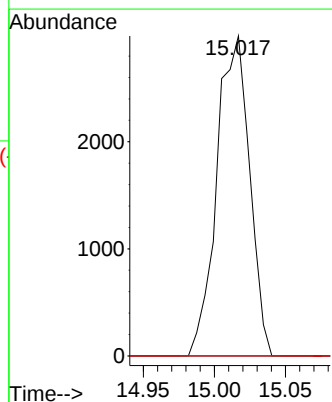
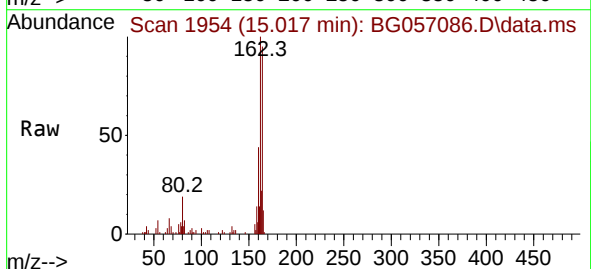
Instrument :  
BNA\_G  
ClientSampleId :  
E9074-BAYC-001

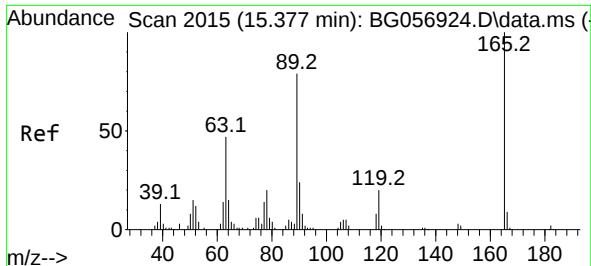
Tgt Ion:172 Resp: 231227  
Ion Ratio Lower Upper  
172 100  
171 40.3 30.6 46.0  
170 24.4 20.6 30.8



#51  
2,6-Dinitrotoluene  
Concen: 7.125 ng  
RT: 15.017 min Scan# 1954  
Delta R.T. 0.432 min  
Lab File: BG057086.D  
Acq: 13 Apr 2023 17:53

Tgt Ion:165 Resp: 4791  
Ion Ratio Lower Upper  
165 100  
63 0.0 53.0 79.6#  
89 0.0 51.0 76.4#





#57

2,4-Dinitrotoluene

Concen: 5.052 ng

RT: 15.017 min Scan# 1954

Delta R.T. -0.350 min

Lab File: BG057086.D

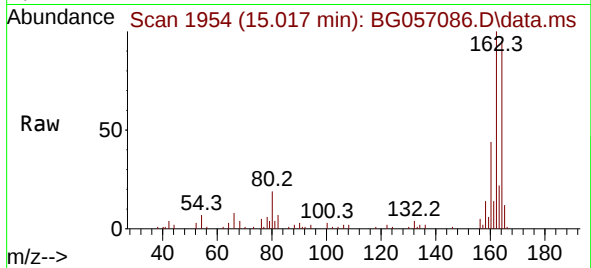
Acq: 13 Apr 2023 17:53

Instrument :

BNA\_G

ClientSampleId :

E9074-BAYC-001



Tgt Ion:165 Resp: 4791

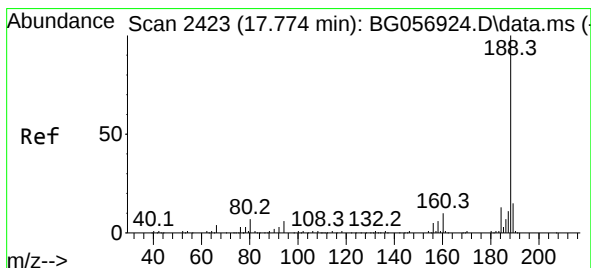
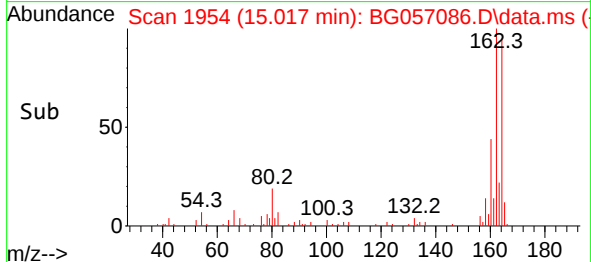
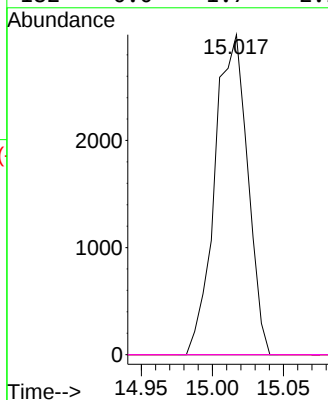
Ion Ratio Lower Upper

165 100

63 0.0 37.7 56.5#

89 0.0 63.2 94.8#

182 0.0 1.7 2.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.754 min Scan# 2420

Delta R.T. -0.009 min

Lab File: BG057086.D

Acq: 13 Apr 2023 17:53

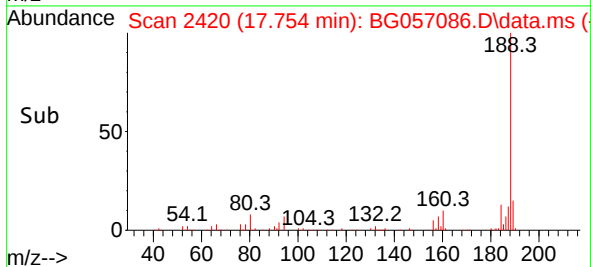
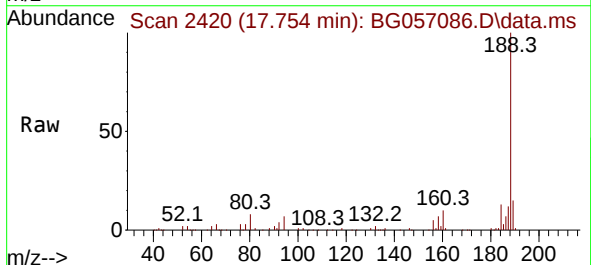
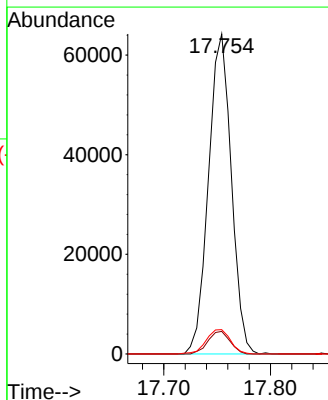
Tgt Ion:188 Resp: 95519

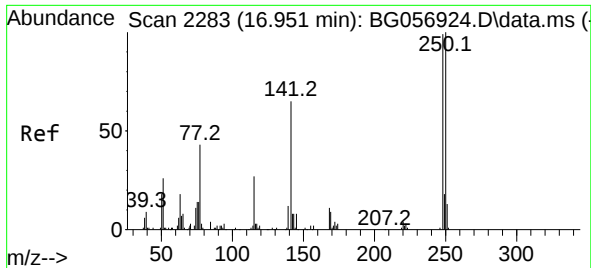
Ion Ratio Lower Upper

188 100

94 7.1 4.6 6.8#

80 7.6 5.5 8.3

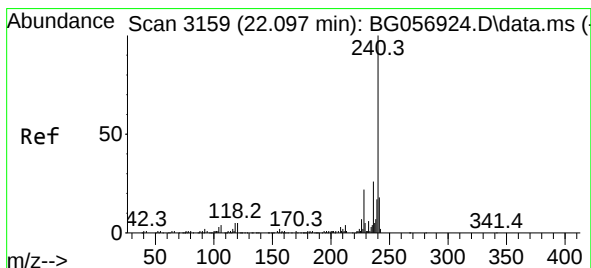
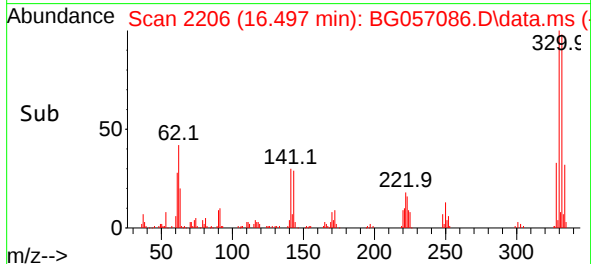
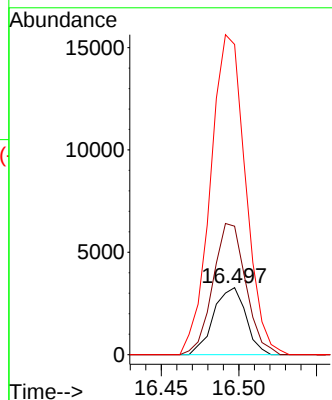
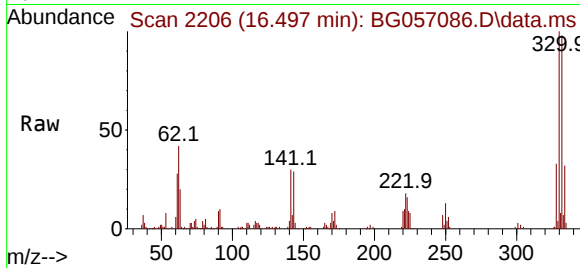




#67  
4-Bromophenyl-phenylether  
Concen: 3.997 ng  
RT: 16.497 min Scan# 21  
Delta R.T. -0.438 min  
Lab File: BG057086.D  
Acq: 13 Apr 2023 17:53

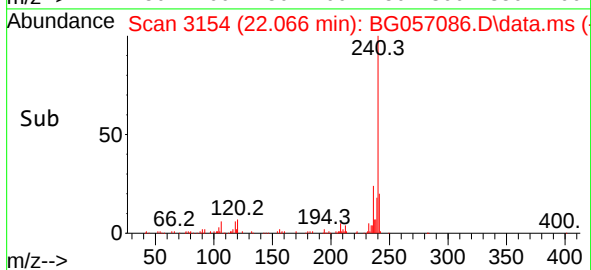
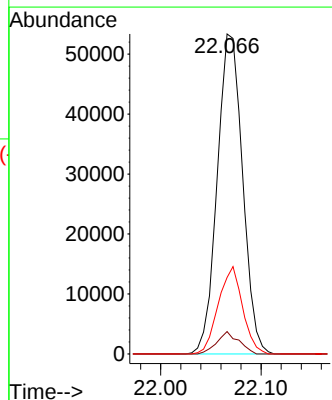
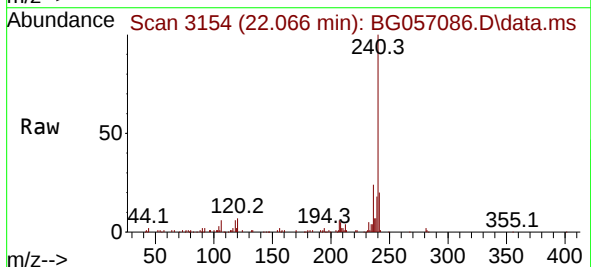
Instrument :  
BNA\_G  
ClientSampleId :  
E9074-BAYC-001

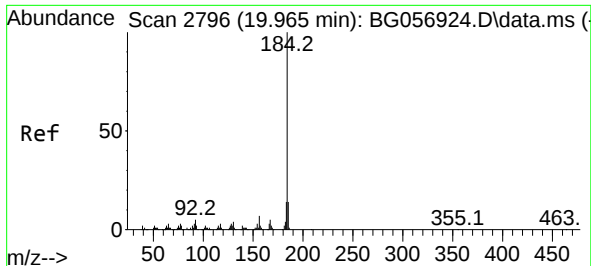
Tgt Ion:248 Resp: 4724  
Ion Ratio Lower Upper  
248 100  
250 191.8 80.5 120.7#  
141 463.0 52.0 78.0#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 22.066 min Scan# 3154  
Delta R.T. -0.015 min  
Lab File: BG057086.D  
Acq: 13 Apr 2023 17:53

Tgt Ion:240 Resp: 93668  
Ion Ratio Lower Upper  
240 100  
120 7.0 3.8 5.6#  
236 23.9 21.0 31.6

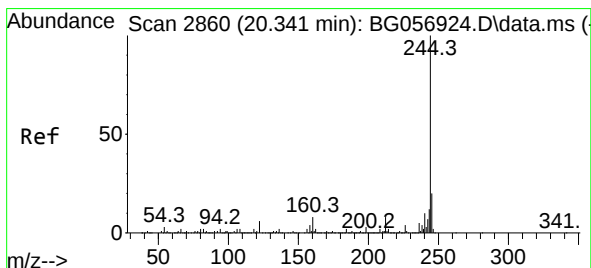
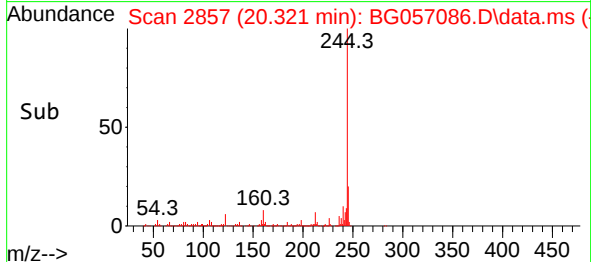
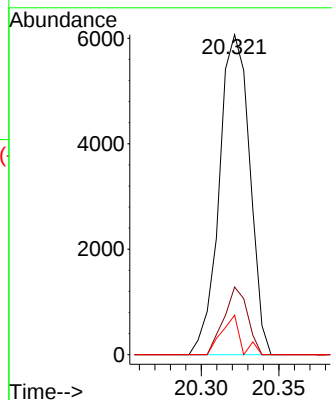
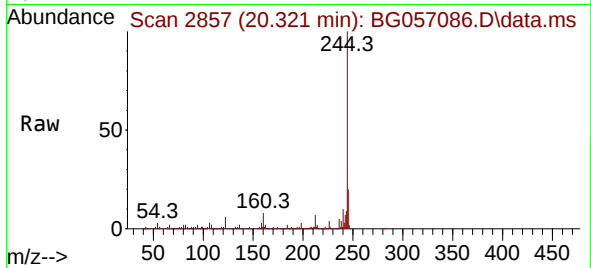




#77  
Benzidine  
Concen: 3.236 ng  
RT: 20.321 min Scan# 2857  
Delta R.T. 0.367 min  
Lab File: BG057086.D  
Acq: 13 Apr 2023 17:53

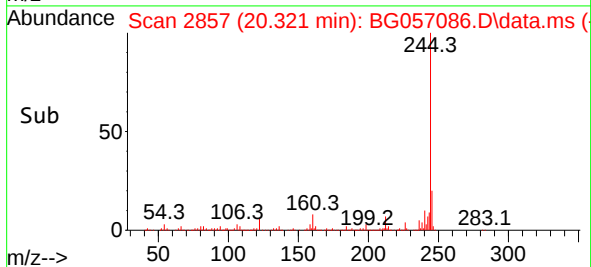
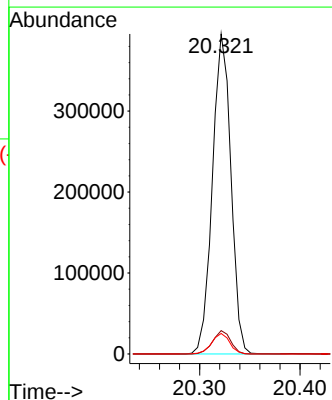
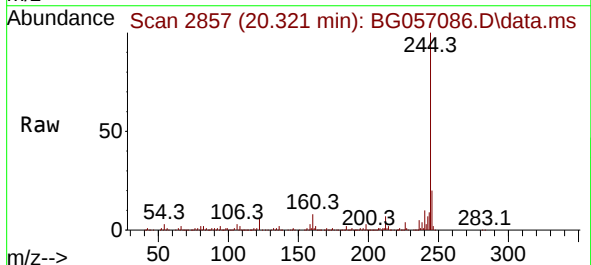
Instrument :  
BNA\_G  
ClientSampleId :  
E9074-BAYC-001

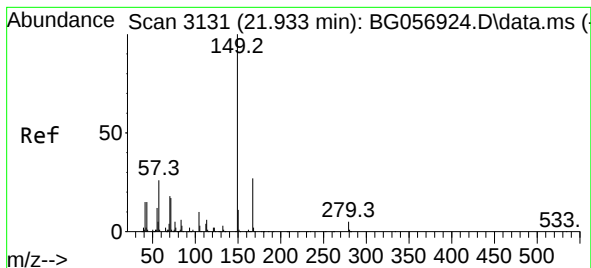
Tgt Ion:184 Resp: 8286  
Ion Ratio Lower Upper  
184 100  
185 21.2 11.0 16.4#  
183 12.4 11.4 17.0



#79  
Terphenyl-d14  
Concen: 91.406 ng  
RT: 20.321 min Scan# 2857  
Delta R.T. -0.003 min  
Lab File: BG057086.D  
Acq: 13 Apr 2023 17:53

Tgt Ion:244 Resp: 505969  
Ion Ratio Lower Upper  
244 100  
212 7.3 6.1 9.1  
122 6.4 5.0 7.4

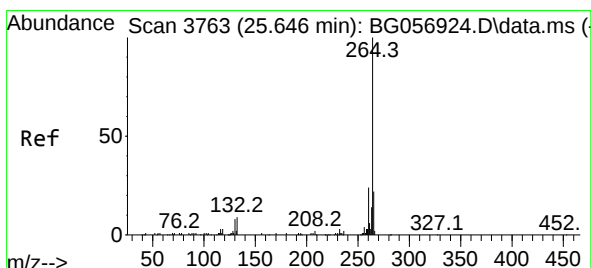
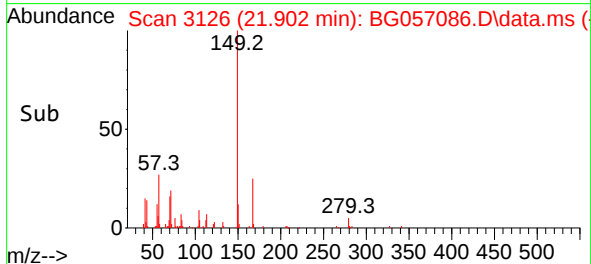
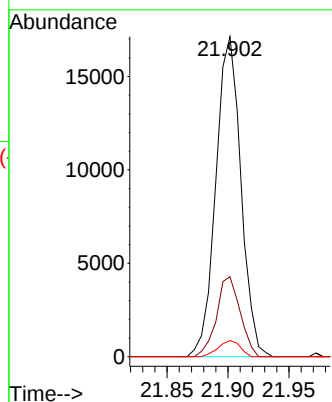
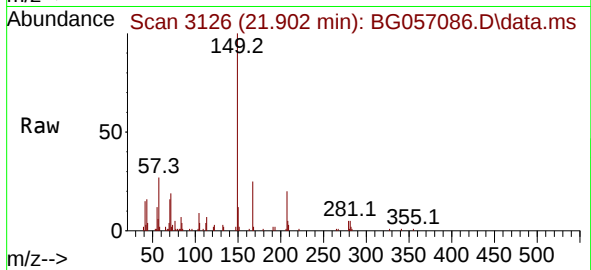




#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 7.591 ng  
 RT: 21.902 min Scan# 3131  
 Delta R.T. -0.009 min  
 Lab File: BG057086.D  
 Acq: 13 Apr 2023 17:53

Instrument :  
 BNA\_G  
 ClientSampleId :  
 E9074-BAYC-001

Tgt Ion:149 Resp: 24504  
 Ion Ratio Lower Upper  
 149 100  
 167 25.0 21.4 32.2  
 279 5.1 3.9 5.9



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.603 min Scan# 3756  
 Delta R.T. -0.009 min  
 Lab File: BG057086.D  
 Acq: 13 Apr 2023 17:53

Tgt Ion:264 Resp: 99708  
 Ion Ratio Lower Upper  
 264 100  
 260 22.8 19.0 28.4  
 265 22.5 17.8 26.6

