

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG011823\  
 Data File : BG056334.D  
 Acq On : 18 Jan 2023 18:47  
 Operator : CG/JU  
 Sample : 01184-04  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 APNB-NORTH

Quant Time: Jan 19 00:33:45 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG122722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 19 00:31:30 2023  
 Response via : Initial Calibration

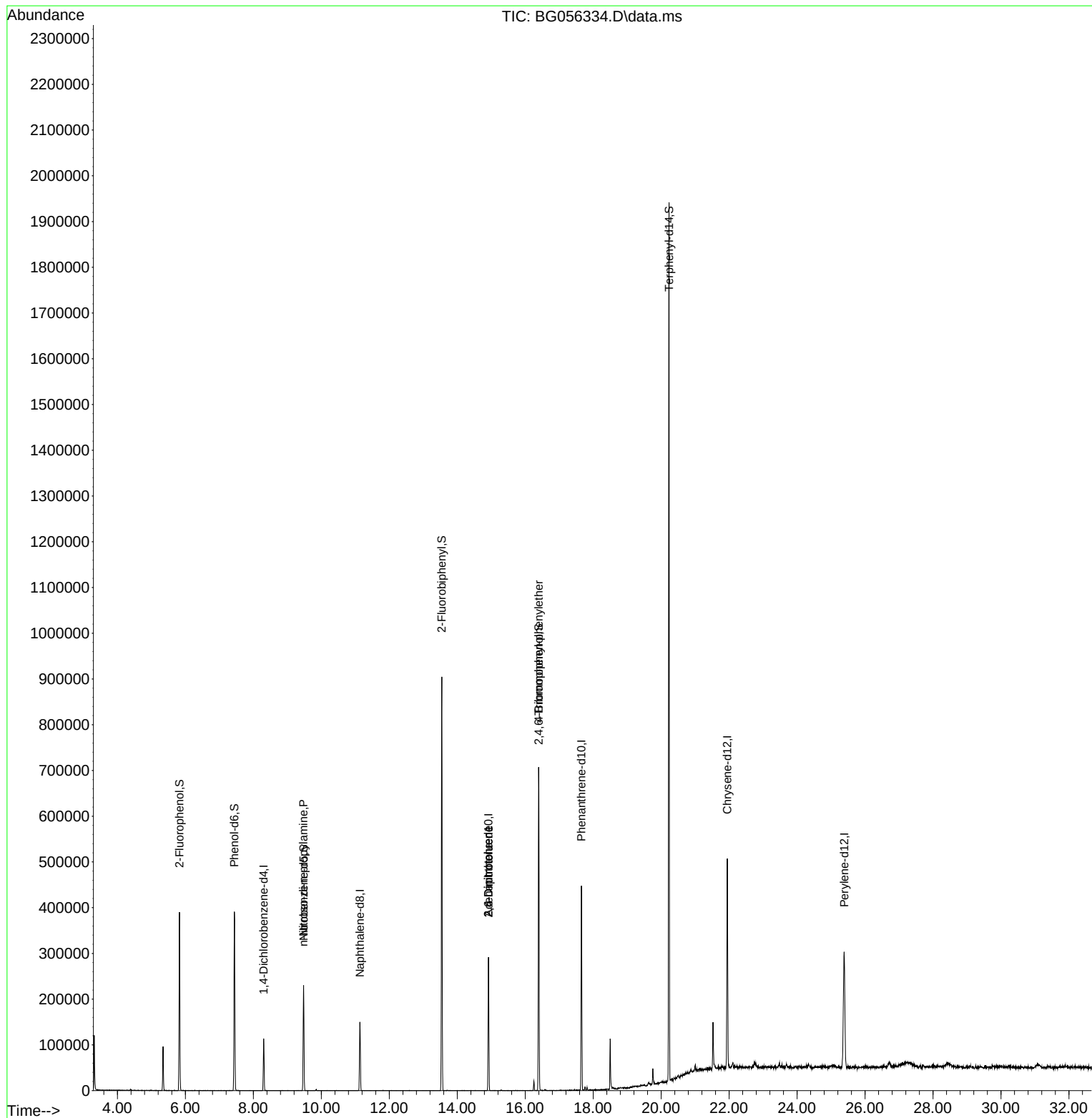
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.305  | 152  | 36519    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.137 | 136  | 141661   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.915 | 164  | 114670   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.653 | 188  | 316999   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.948 | 240  | 300036   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 25.385 | 264  | 318346   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.826  | 112  | 210155   | 102.750 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.441  | 99   | 301298   | 95.924  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.480  | 82   | 164268   | 59.315  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.401 | 330  | 150700   | 103.768 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.546 | 172  | 514424   | 61.949  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.232 | 244  | 1096136  | 65.433  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 19) n-Nitroso-di-n-propyla... | 9.474  | 70   | 19546    | 10.233  | ng    | # 71     |
| 51) 2,6-Dinitrotoluene        | 14.915 | 165  | 14953    | 7.581   | ng    | # 33     |
| 57) 2,4-Dinitrotoluene        | 14.915 | 165  | 14953    | 5.421   | ng    | # 30     |
| 67) 4-Bromophenyl-phenylether | 16.396 | 248  | 12225    | 3.028   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

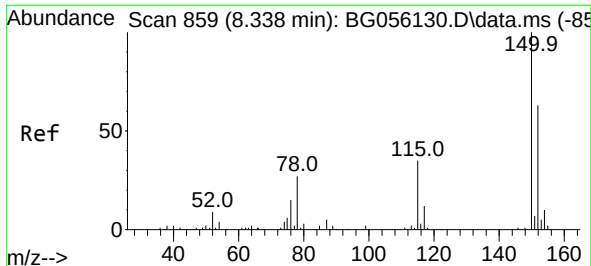
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG122722.M  
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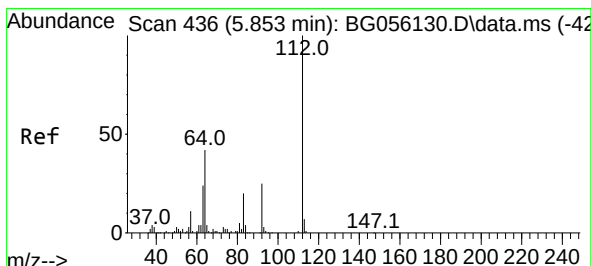
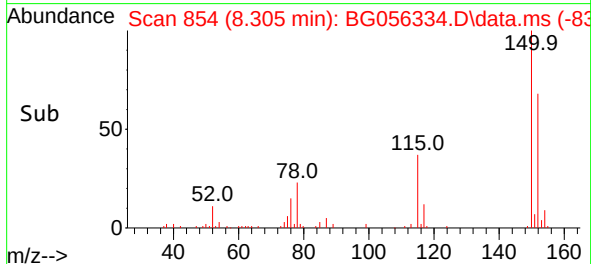
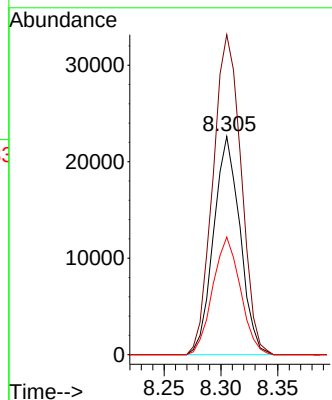
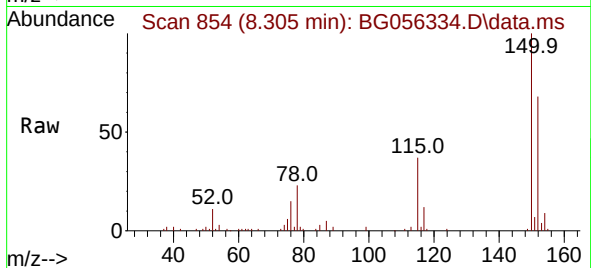




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.305 min Scan# 81  
Delta R.T. -0.001 min  
Lab File: BG056334.D  
Acq: 18 Jan 2023 18:47

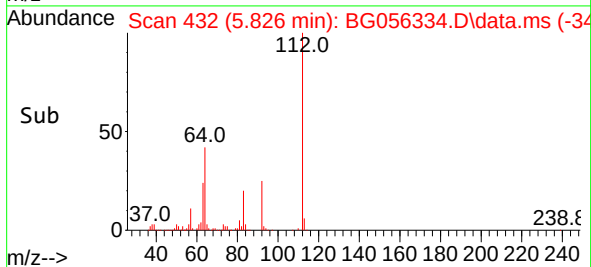
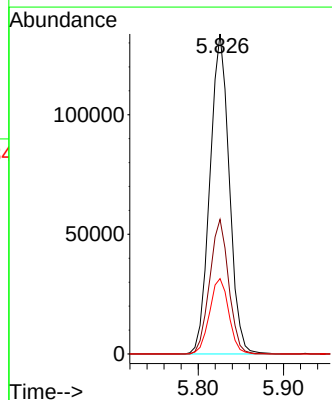
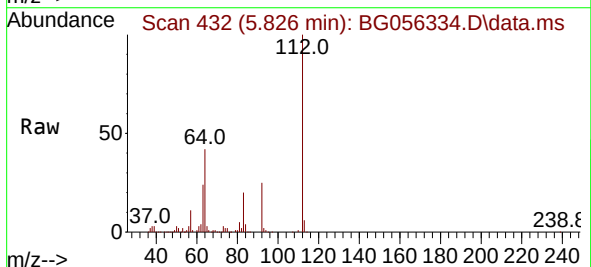
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BNA\_G  
ClientSampleId :  
APNB-NORTH

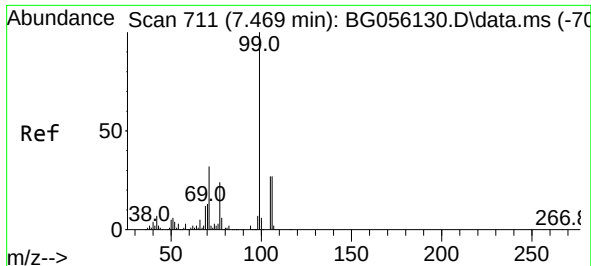
Tgt Ion:152 Resp: 36519  
Ion Ratio Lower Upper  
152 100  
150 146.6 127.9 191.9  
115 53.9 44.2 66.2



#5  
2-Fluorophenol  
Concen: 102.750 ng  
RT: 5.826 min Scan# 432  
Delta R.T. -0.001 min  
Lab File: BG056334.D  
Acq: 18 Jan 2023 18:47

Tgt Ion:112 Resp: 210155  
Ion Ratio Lower Upper  
112 100  
64 42.1 33.3 49.9  
63 23.5 19.0 28.4

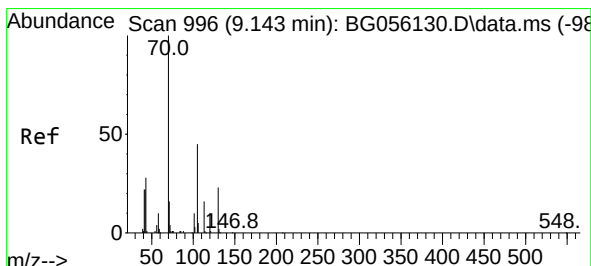
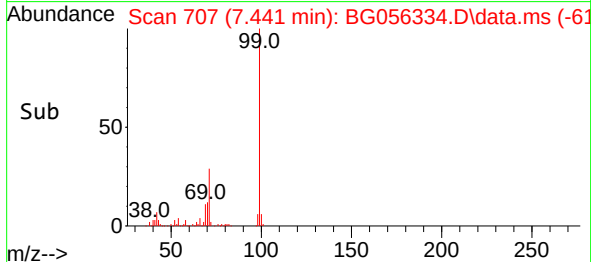
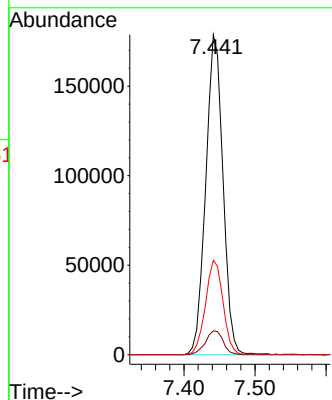
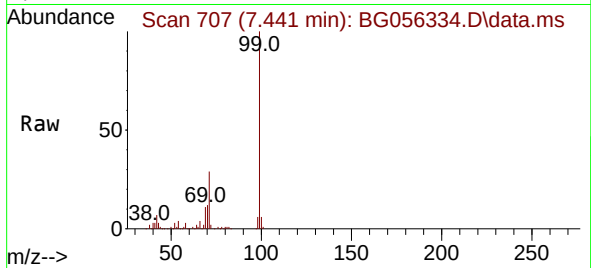




#7  
Phenol-d6  
Concen: 95.924 ng  
RT: 7.441 min Scan# 70  
Delta R.T. -0.007 min  
Lab File: BG056334.D  
Acq: 18 Jan 2023 18:47

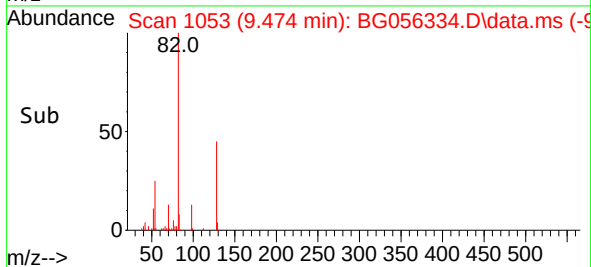
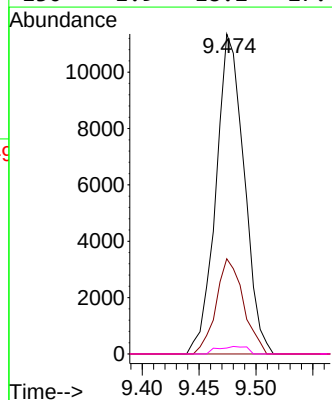
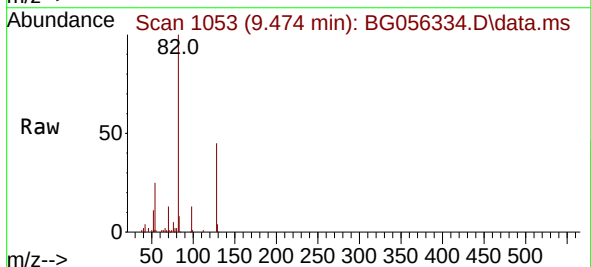
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BNA\_G  
ClientSampleId :  
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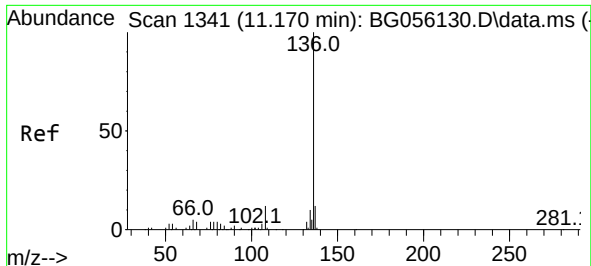
Tgt Ion: 99 Resp: 301298  
Ion Ratio Lower Upper  
99 100  
42 7.4 5.9 8.9  
71 29.5 25.4 38.2



#19  
n-Nitroso-di-n-propylamine  
Concen: 10.233 ng  
RT: 9.474 min Scan# 1053  
Delta R.T. 0.363 min  
Lab File: BG056334.D  
Acq: 18 Jan 2023 18:47

Tgt Ion: 70 Resp: 19546  
Ion Ratio Lower Upper  
70 100  
42 29.7 18.2 27.2#  
101 0.0 8.3 12.5#  
130 1.9 18.2 27.4#

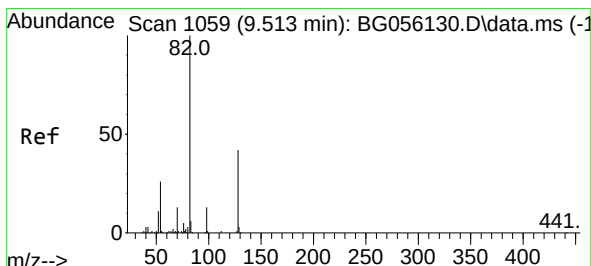
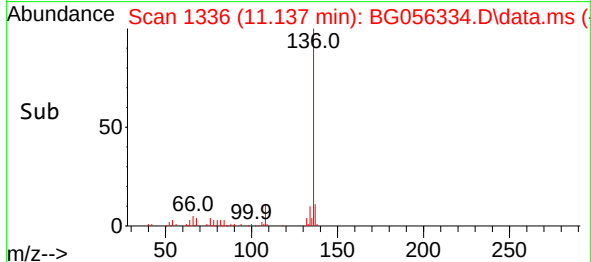
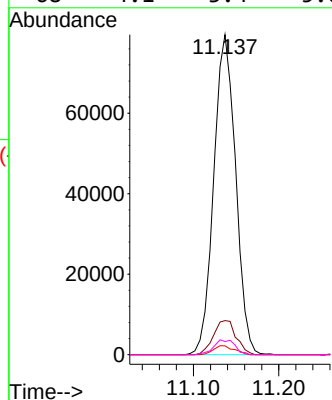
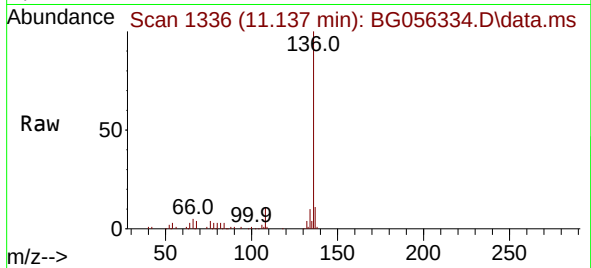




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.137 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: BG056334.D  
Acq: 18 Jan 2023 18:47

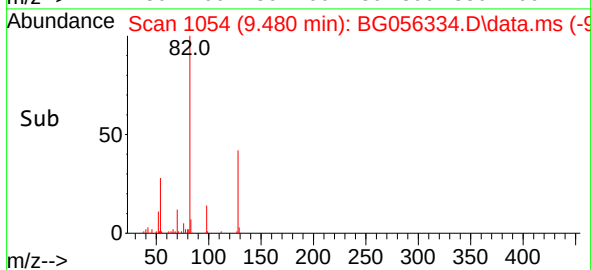
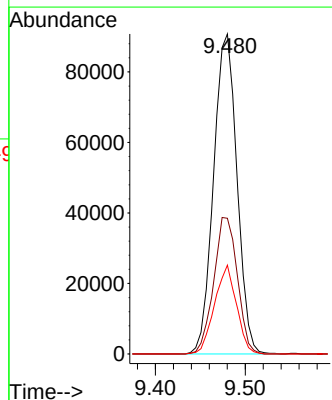
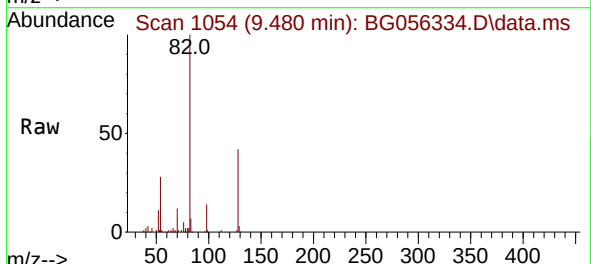
Instrument :  
BNA\_G  
ClientSampleId :  
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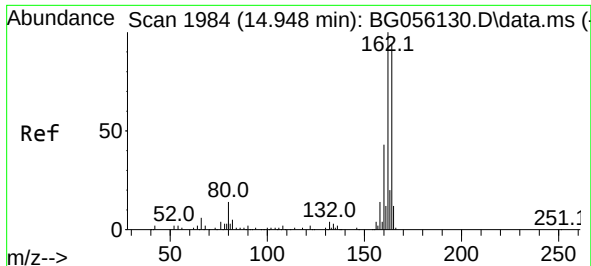
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 141661 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.6  | 9.4   | 14.0   |
| 54       | 2.8   | 2.2   | 3.2    |
| 68       | 4.1   | 3.4   | 5.0    |



#23  
Nitrobenzene-d5  
Concen: 59.315 ng  
RT: 9.480 min Scan# 1054  
Delta R.T. -0.007 min  
Lab File: BG056334.D  
Acq: 18 Jan 2023 18:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 164268 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 42.4  | 33.4  | 50.2   |
| 54       | 27.7  | 20.3  | 30.5   |

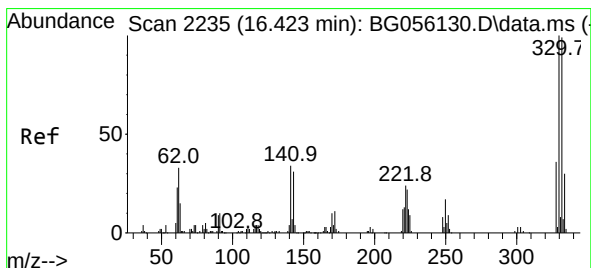
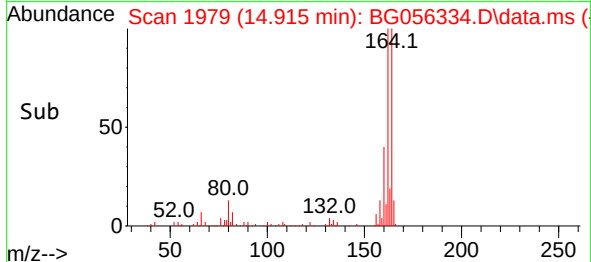
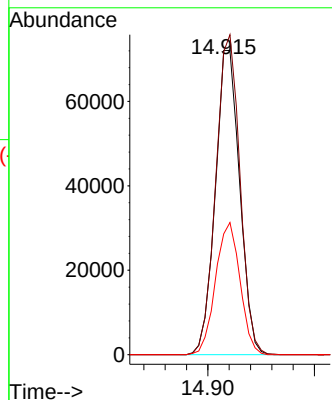
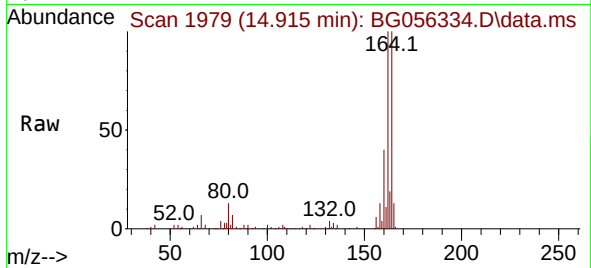




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.915 min Scan# 1984  
Delta R.T. -0.007 min  
Lab File: BG056334.D  
Acq: 18 Jan 2023 18:47

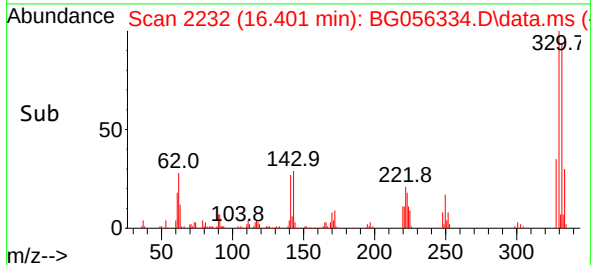
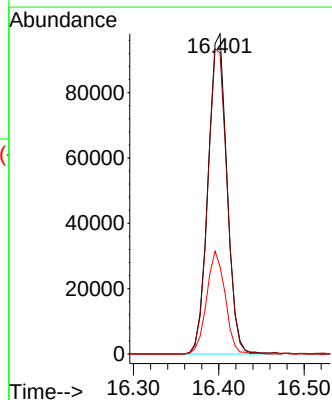
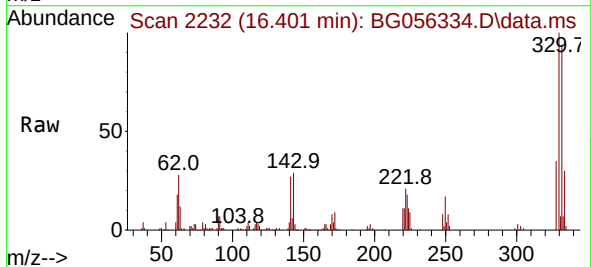
Instrument :  
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ClientSampleId :  
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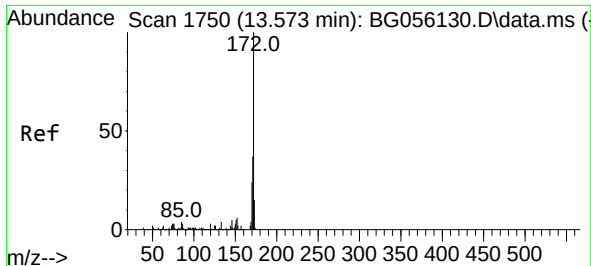
Tgt Ion:164 Resp: 114670  
Ion Ratio Lower Upper  
164 100  
162 99.5 84.7 127.1  
160 39.7 36.3 54.5



#42  
2,4,6-Tribromophenol  
Concen: 103.768 ng  
RT: 16.401 min Scan# 2232  
Delta R.T. -0.001 min  
Lab File: BG056334.D  
Acq: 18 Jan 2023 18:47

Tgt Ion:330 Resp: 150700  
Ion Ratio Lower Upper  
330 100  
332 97.1 77.3 115.9  
141 31.4 27.9 41.9

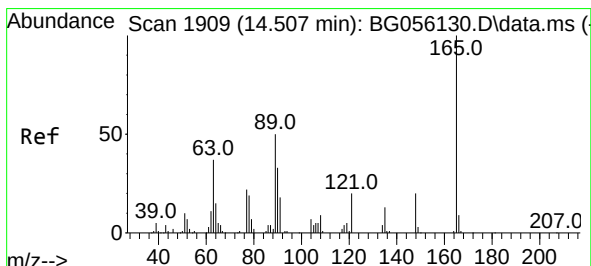
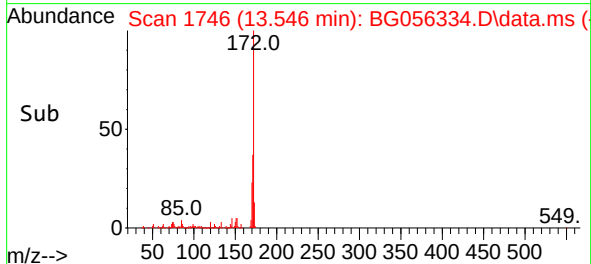
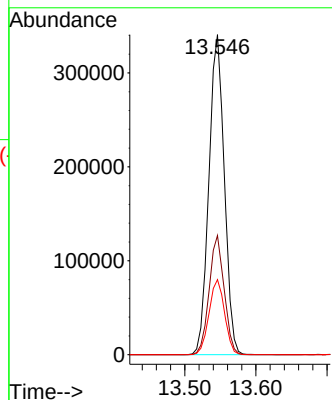
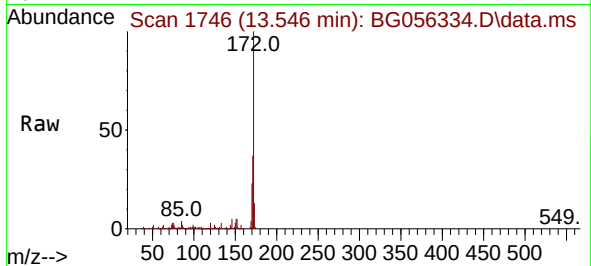




#45  
2-Fluorobiphenyl  
Concen: 61.949 ng  
RT: 13.546 min Scan# 1  
Delta R.T. -0.001 min  
Lab File: BG056334.D  
Acq: 18 Jan 2023 18:47

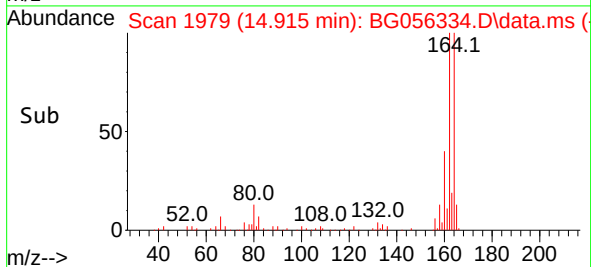
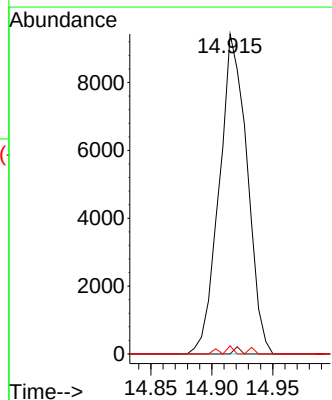
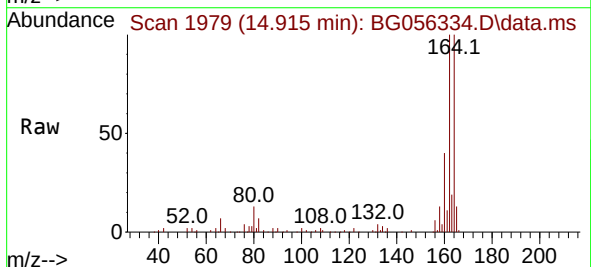
Instrument :  
BNA\_G  
ClientSampleId :  
APNB-NORTH

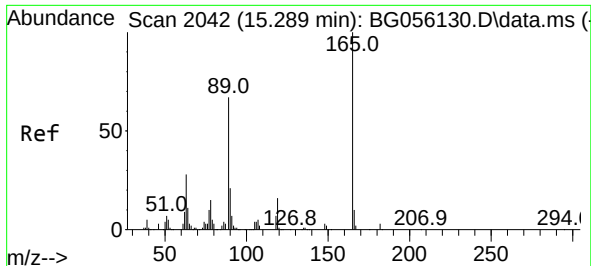
Tgt Ion:172 Resp: 514424  
Ion Ratio Lower Upper  
172 100  
171 37.3 29.6 44.4  
170 23.5 19.4 29.2



#51  
2,6-Dinitrotoluene  
Concen: 7.581 ng  
RT: 14.915 min Scan# 1979  
Delta R.T. 0.428 min  
Lab File: BG056334.D  
Acq: 18 Jan 2023 18:47

Tgt Ion:165 Resp: 14953  
Ion Ratio Lower Upper  
165 100  
63 0.0 32.2 48.2#  
89 2.5 39.8 59.8#

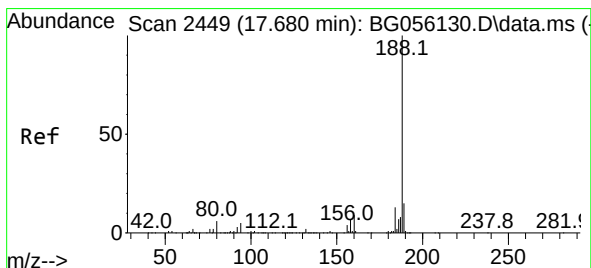
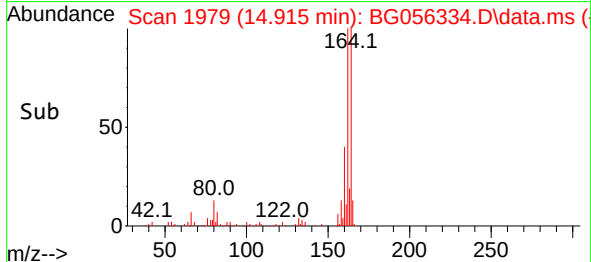
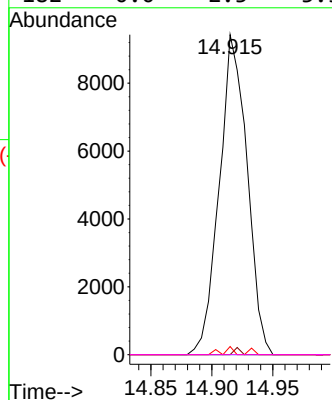
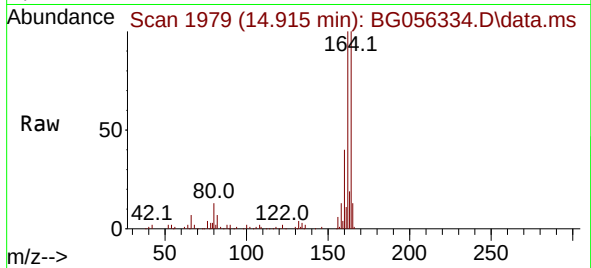




#57  
2,4-Dinitrotoluene  
Concen: 5.421 ng  
RT: 14.915 min Scan# 14953  
Delta R.T. -0.359 min  
Lab File: BG056334.D  
Acq: 18 Jan 2023 18:47

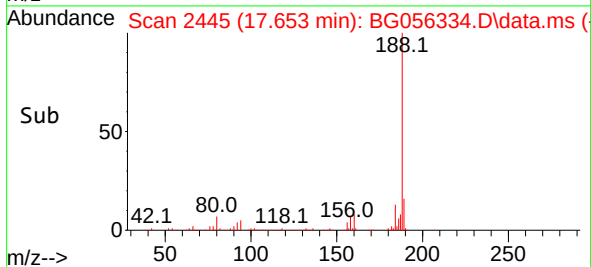
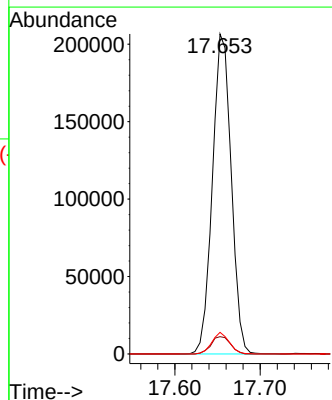
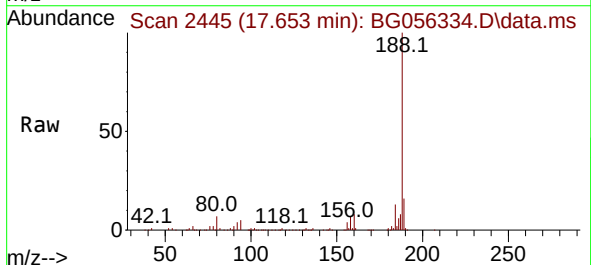
Instrument :  
BNA\_G  
ClientSampleId :  
APNB-NORTH

Tgt Ion:165 Resp: 14953  
Ion Ratio Lower Upper  
165 100  
63 0.0 22.6 34.0#  
89 2.5 53.2 79.8#  
182 0.0 2.3 3.5#

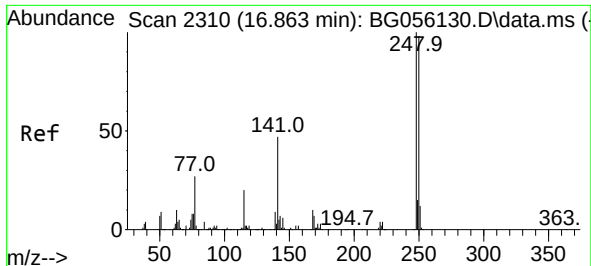


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.653 min Scan# 2445  
Delta R.T. -0.007 min  
Lab File: BG056334.D  
Acq: 18 Jan 2023 18:47

Tgt Ion:188 Resp: 316999  
Ion Ratio Lower Upper  
188 100  
94 5.4 4.2 6.2  
80 6.7 5.0 7.4



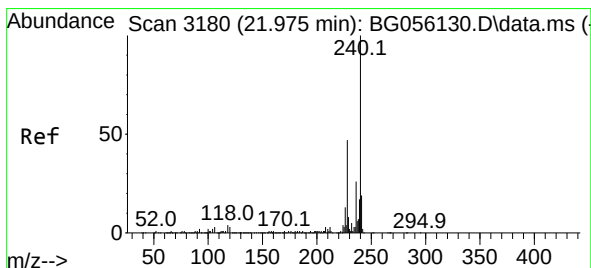
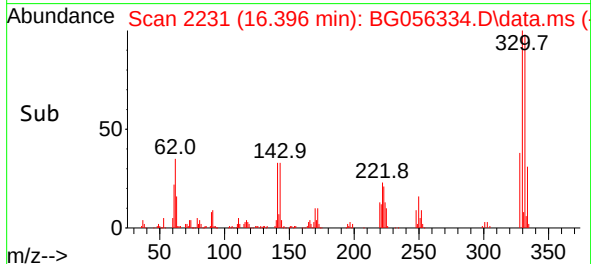
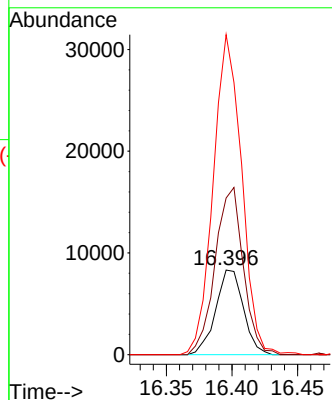
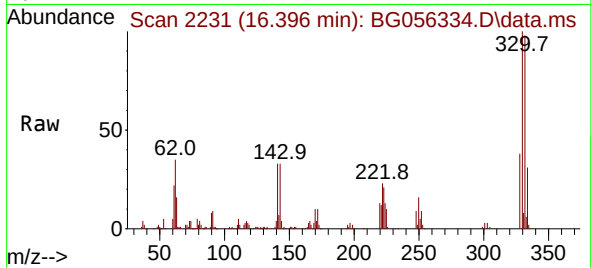




#67  
4-Bromophenyl-phenylether  
Concen: 3.028 ng  
RT: 16.396 min Scan# 21  
Delta R.T. -0.442 min  
Lab File: BG056334.D  
Acq: 18 Jan 2023 18:47

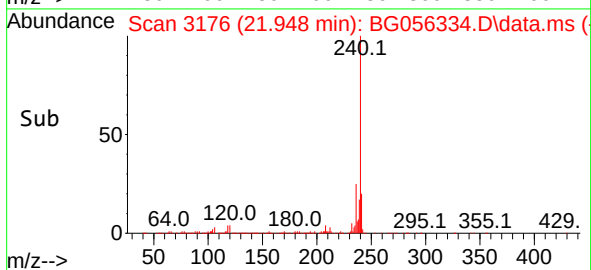
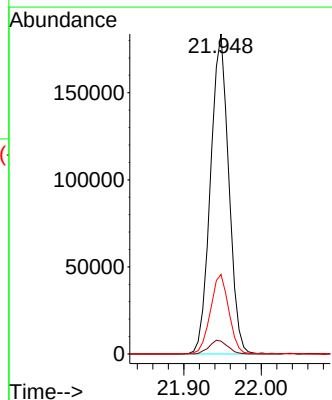
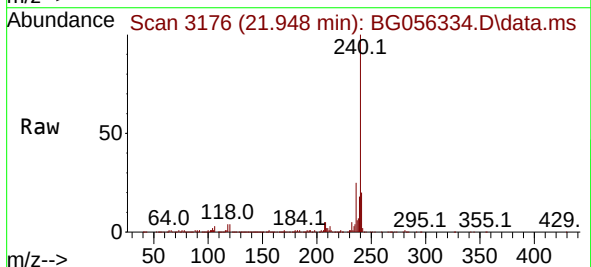
Instrument :  
BNA\_G  
ClientSampleId :  
APNB-NORTH

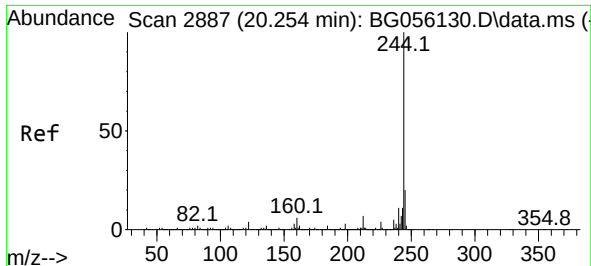
Tgt Ion:248 Resp: 12225  
Ion Ratio Lower Upper  
248 100  
250 148.7 78.2 117.4#  
141 303.8 37.6 56.4#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.948 min Scan# 3176  
Delta R.T. -0.007 min  
Lab File: BG056334.D  
Acq: 18 Jan 2023 18:47

Tgt Ion:240 Resp: 300036  
Ion Ratio Lower Upper  
240 100  
120 4.0 2.6 4.0#  
236 24.9 20.8 31.2

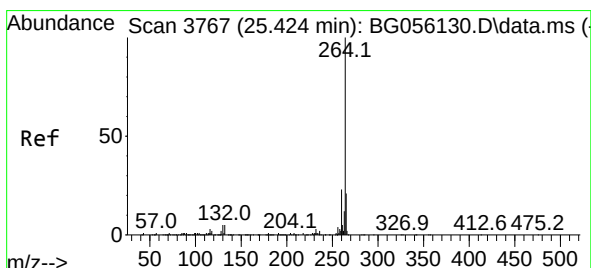
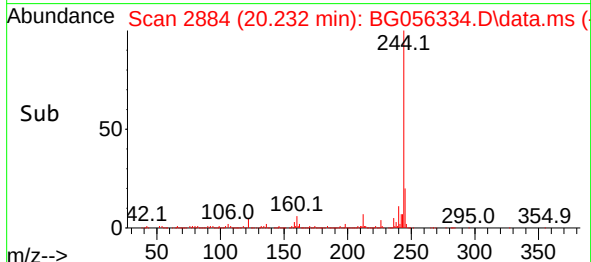
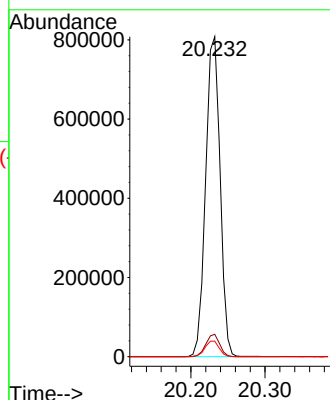
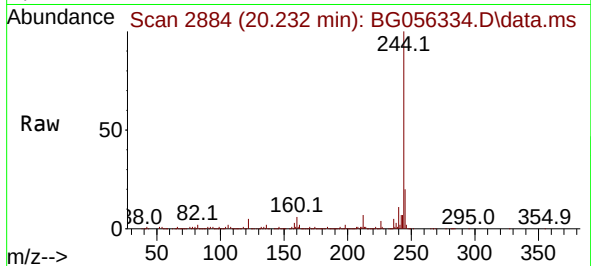




#79  
 Terphenyl-d14  
 Concen: 65.433 ng  
 RT: 20.232 min Scan# 21  
 Delta R.T. -0.001 min  
 Lab File: BG056334.D  
 Acq: 18 Jan 2023 18:47

Instrument :  
 BNA\_G  
 ClientSampleId :  
 APNB-NORTH

Tgt Ion:244 Resp: 1096136  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.7 8.5  
 122 4.9 3.5 5.3



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.385 min Scan# 3761  
 Delta R.T. -0.007 min  
 Lab File: BG056334.D  
 Acq: 18 Jan 2023 18:47

Tgt Ion:264 Resp: 318346  
 Ion Ratio Lower Upper  
 264 100  
 260 23.6 18.6 28.0  
 265 20.6 16.7 25.1

