

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG012523\  
 Data File : BG056431.D  
 Acq On : 25 Jan 2023 19:27  
 Operator : CG/JU  
 Sample : 01260-23  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-28

Quant Time: Jan 26 01:13:20 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG122722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 25 04:54:56 2023  
 Response via : Initial Calibration

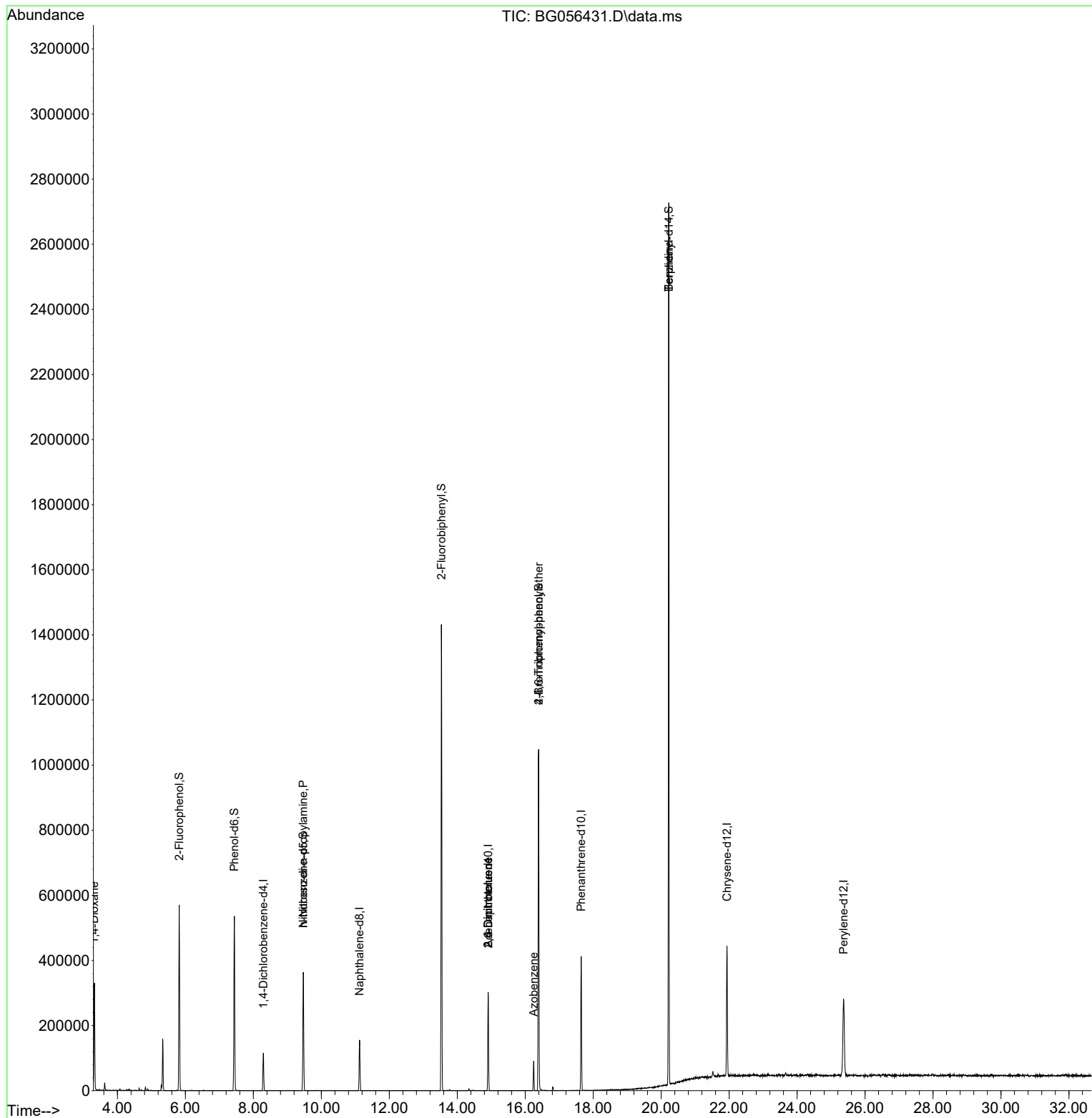
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.293  | 152  | 38597    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.125 | 136  | 151675   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.909 | 164  | 115960   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.647 | 188  | 293226   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.936 | 240  | 273244   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 25.367 | 264  | 290049   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.820  | 112  | 323850   | 149.813 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.441  | 99   | 412571   | 124.278 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.468  | 82   | 252630   | 85.198  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.395 | 330  | 236708   | 161.178 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.534 | 172  | 839682   | 99.993  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.226 | 244  | 1506283  | 98.733  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.317  | 88   | 3961     | 4.012   | ng    | # 1      |
| 19) n-Nitroso-di-n-propyla... | 9.468  | 70   | 31307    | 15.509  | ng    | # 73     |
| 51) 2,6-Dinitrotoluene        | 14.909 | 165  | 15531    | 7.786   | ng    | # 32     |
| 57) 2,4-Dinitrotoluene        | 14.909 | 165  | 15531    | 5.568   | ng    | # 28     |
| 63) Azobenzene                | 16.249 | 77   | 23246    | 3.431   | ng    | # 1      |
| 67) 4-Bromophenyl-phenylether | 16.395 | 248  | 18812    | 5.038   | ng    | # 1      |
| 77) Benzidine                 | 20.226 | 184  | 19874    | 2.075   | ng    | # 93     |
| -----                         |        |      |          |         |       |          |

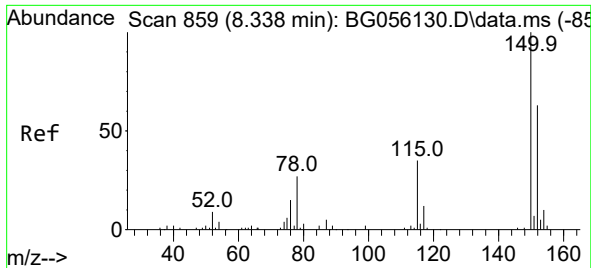
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG012523\  
Data File : BG056431.D  
Acq On : 25 Jan 2023 19:27  
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Sample : 01260-23  
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ALS Vial : 13 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG122722.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jan 25 04:54:56 2023  
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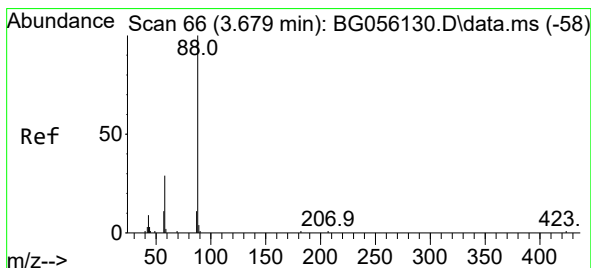
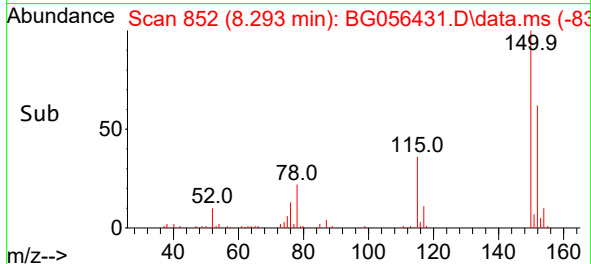
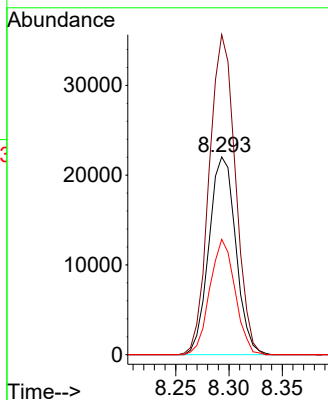
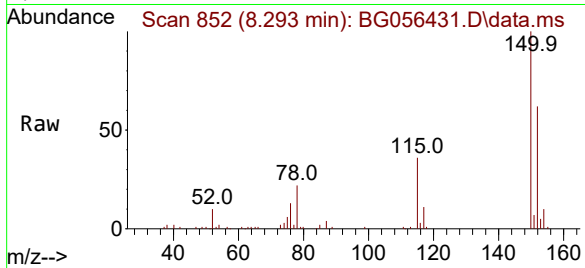




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.293 min Scan# 8  
Delta R.T. 0.000 min  
Lab File: BG056431.D  
Acq: 25 Jan 2023 19:27

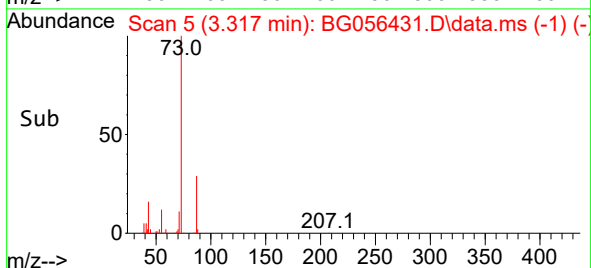
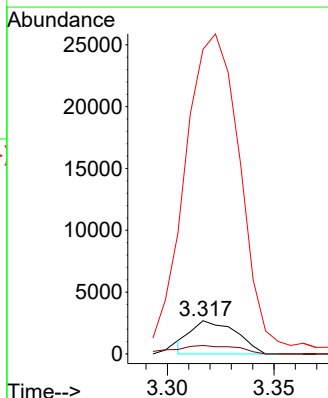
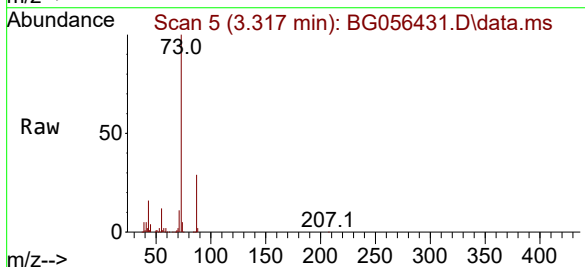
Instrument :  
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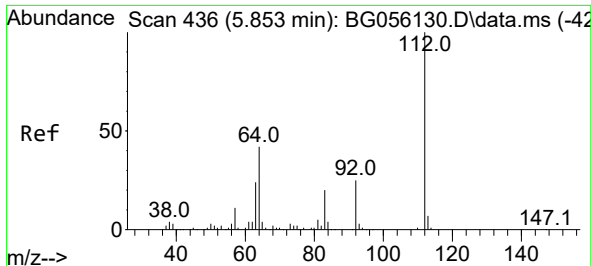
Tgt Ion:152 Resp: 38597  
Ion Ratio Lower Upper  
152 100  
150 161.8 127.9 191.9  
115 58.3 44.2 66.2



#2  
1,4-Dioxane  
Concen: 4.012 ng  
RT: 3.317 min Scan# 5  
Delta R.T. -0.300 min  
Lab File: BG056431.D  
Acq: 25 Jan 2023 19:27

Tgt Ion: 88 Resp: 3961  
Ion Ratio Lower Upper  
88 100  
58 28.0 21.4 32.0  
43 1018.5 7.1 10.7#

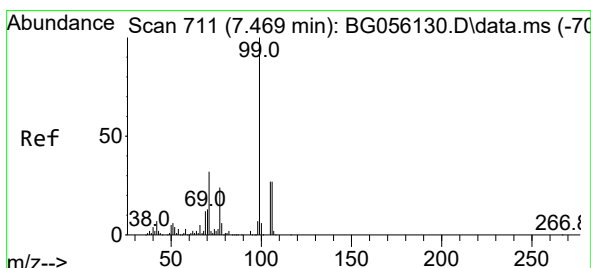
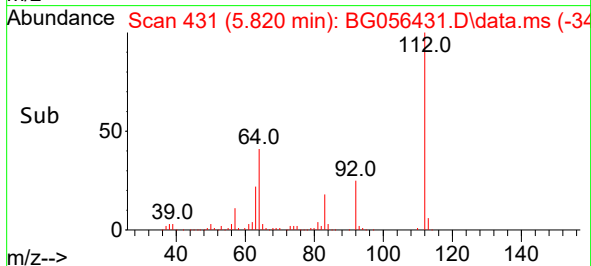
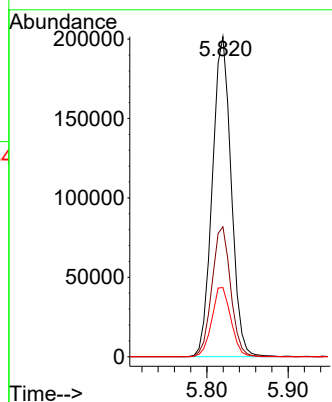
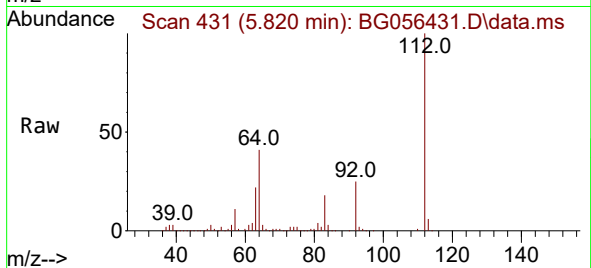




#5  
2-Fluorophenol  
Concen: 149.813 ng  
RT: 5.820 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: BG056431.D  
Acq: 25 Jan 2023 19:27

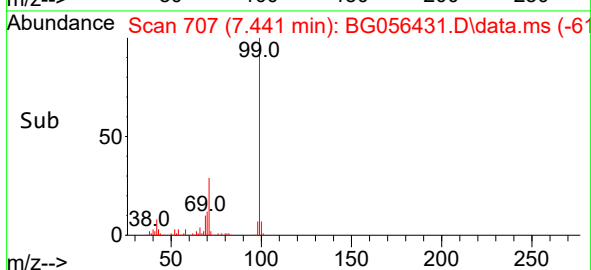
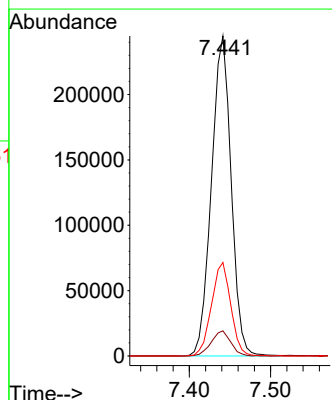
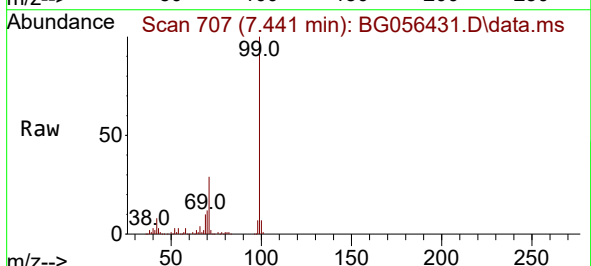
Instrument :  
BNA\_G  
ClientSampleId :  
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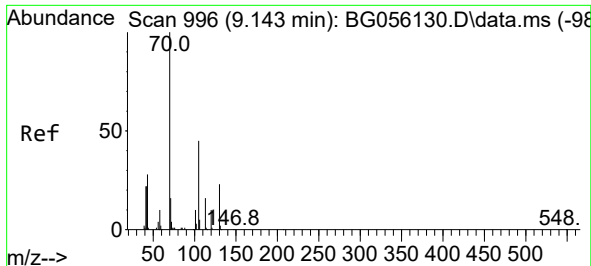
Tgt Ion:112 Resp: 323850  
Ion Ratio Lower Upper  
112 100  
64 40.6 33.3 49.9  
63 21.6 19.0 28.4



#7  
Phenol-d6  
Concen: 124.278 ng  
RT: 7.441 min Scan# 707  
Delta R.T. 0.006 min  
Lab File: BG056431.D  
Acq: 25 Jan 2023 19:27

Tgt Ion: 99 Resp: 412571  
Ion Ratio Lower Upper  
99 100  
42 7.9 5.9 8.9  
71 29.2 25.4 38.2

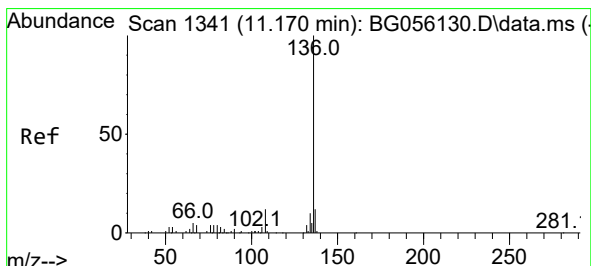
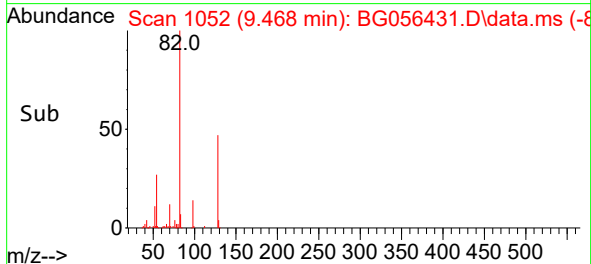
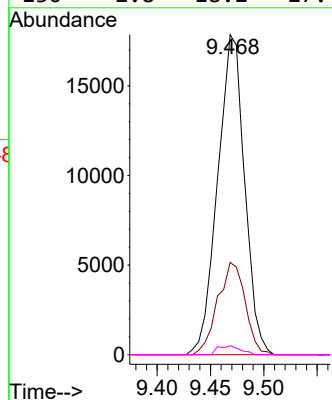
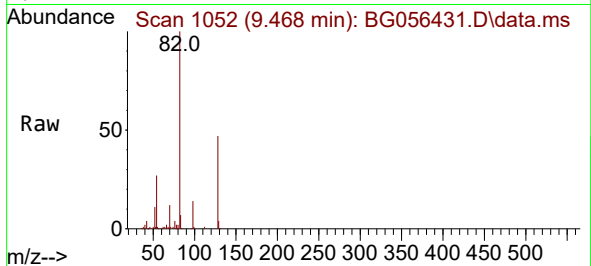




#19  
n-Nitroso-di-n-propylamine  
Concen: 15.509 ng  
RT: 9.468 min Scan# 1052  
Delta R.T. 0.370 min  
Lab File: BG056431.D  
Acq: 25 Jan 2023 19:27

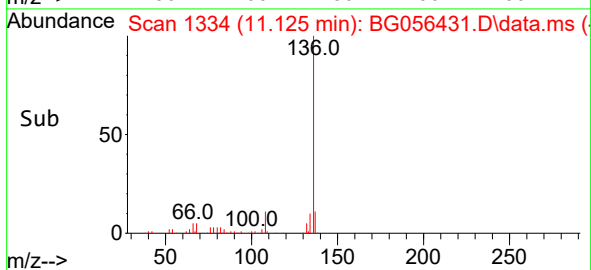
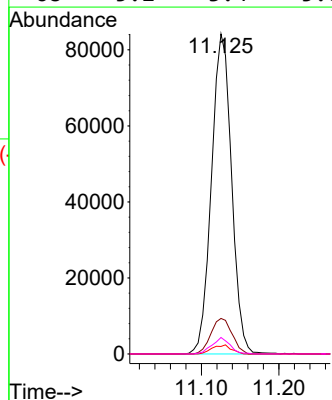
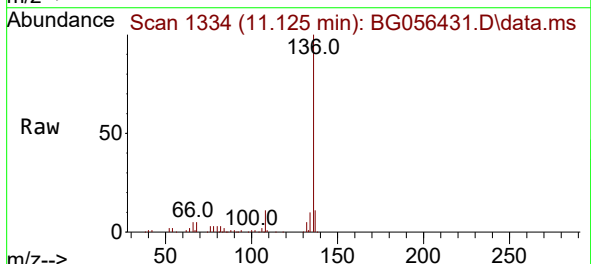
Instrument :  
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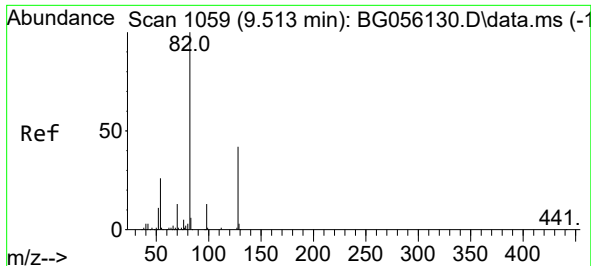
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 31307 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 28.9  | 18.2  | 27.2# |
| 101      | 0.0   | 8.3   | 12.5# |
| 130      | 2.8   | 18.2  | 27.4# |



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.125 min Scan# 1334  
Delta R.T. -0.006 min  
Lab File: BG056431.D  
Acq: 25 Jan 2023 19:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 151675 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.1  | 9.4   | 14.0   |
| 54       | 2.4   | 2.2   | 3.2    |
| 68       | 5.2   | 3.4   | 5.0#   |

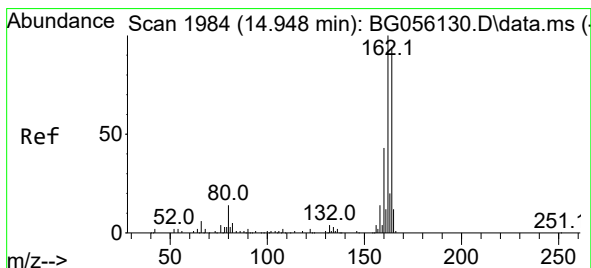
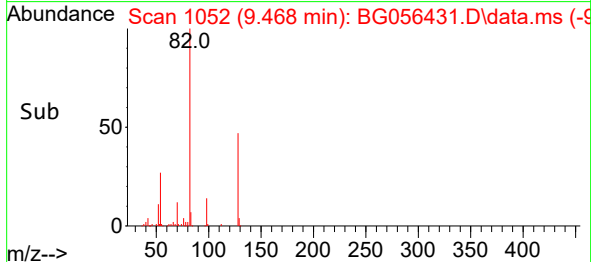
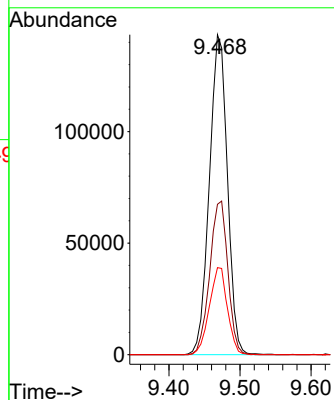
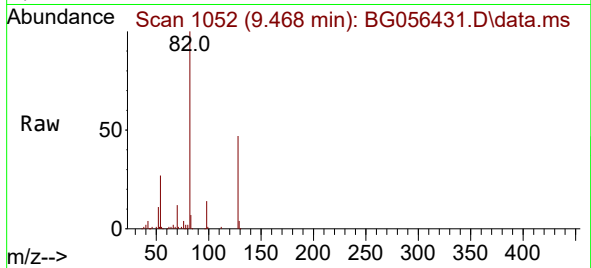




#23  
Nitrobenzene-d5  
Concen: 85.198 ng  
RT: 9.468 min Scan# 1052  
Delta R.T. -0.006 min  
Lab File: BG056431.D  
Acq: 25 Jan 2023 19:27

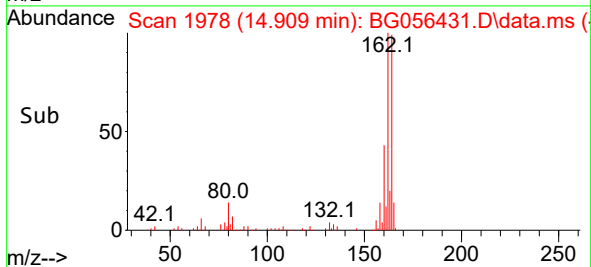
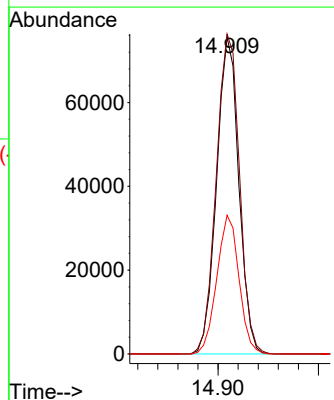
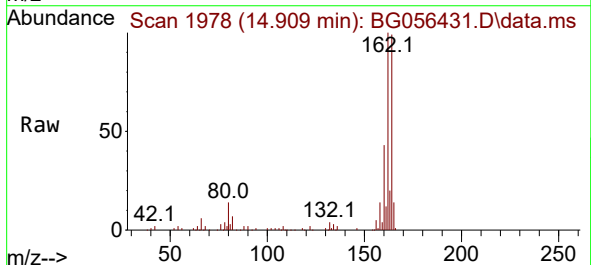
Instrument :  
BNA\_G  
ClientSampleId :  
TP-28

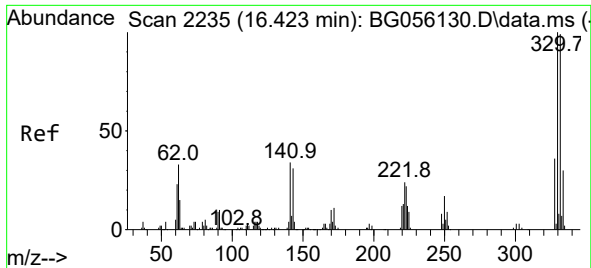
Tgt Ion: 82 Resp: 252630  
Ion Ratio Lower Upper  
82 100  
128 47.0 33.4 50.2  
54 27.2 20.3 30.5



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.909 min Scan# 1978  
Delta R.T. -0.006 min  
Lab File: BG056431.D  
Acq: 25 Jan 2023 19:27

Tgt Ion:164 Resp: 115960  
Ion Ratio Lower Upper  
164 100  
162 101.0 84.7 127.1  
160 43.7 36.3 54.5

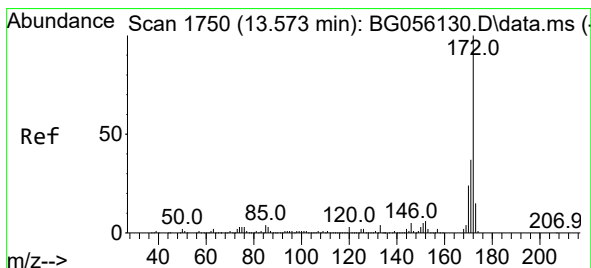
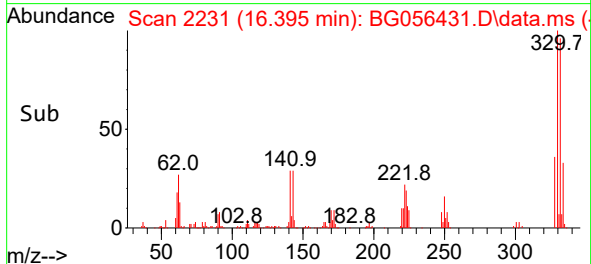
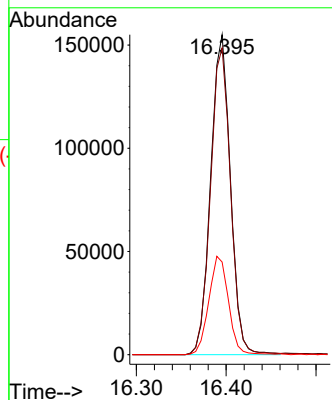
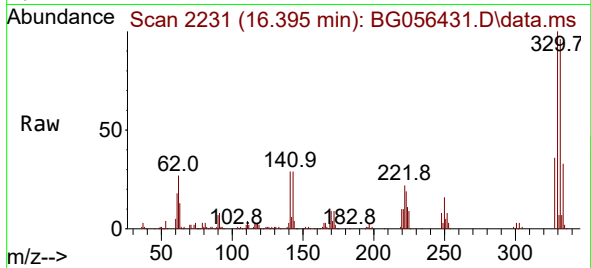




#42  
 2,4,6-Tribromophenol  
 Concen: 161.178 ng  
 RT: 16.395 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BG056431.D  
 Acq: 25 Jan 2023 19:27

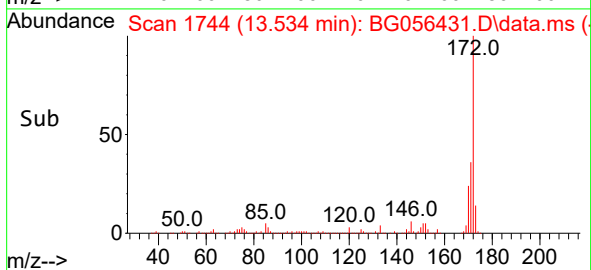
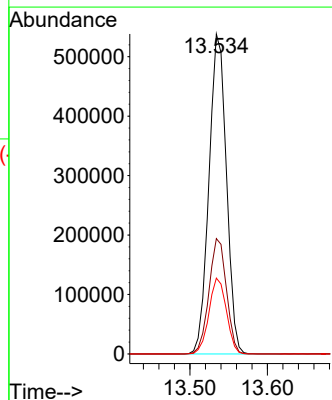
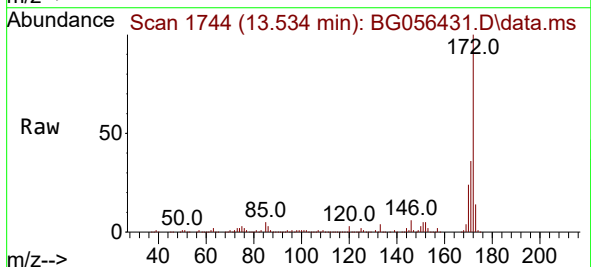
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 BNA\_G  
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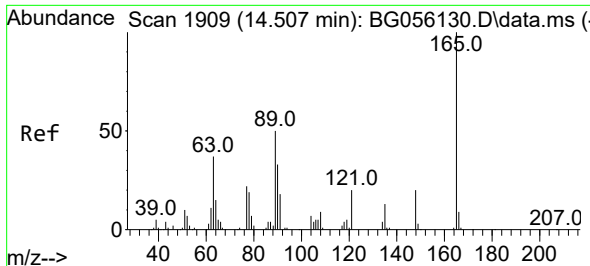
Tgt Ion:330 Resp: 236708  
 Ion Ratio Lower Upper  
 330 100  
 332 97.8 77.3 115.9  
 141 30.7 27.9 41.9



#45  
 2-Fluorobiphenyl  
 Concen: 99.993 ng  
 RT: 13.534 min Scan# 1744  
 Delta R.T. -0.006 min  
 Lab File: BG056431.D  
 Acq: 25 Jan 2023 19:27

Tgt Ion:172 Resp: 839682  
 Ion Ratio Lower Upper  
 172 100  
 171 36.0 29.6 44.4  
 170 23.7 19.4 29.2

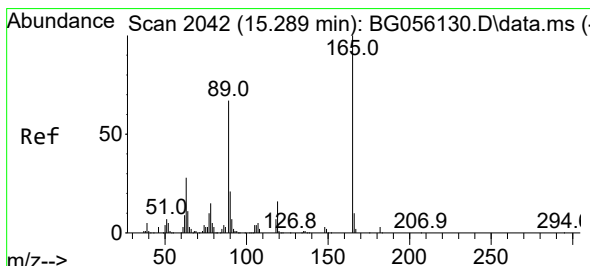
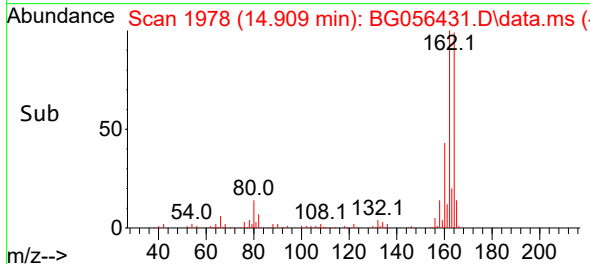
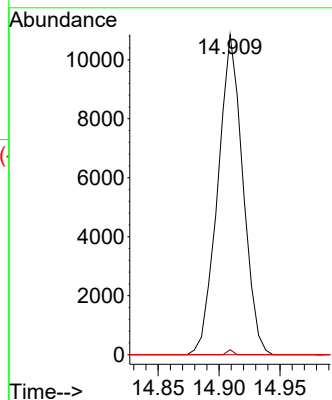
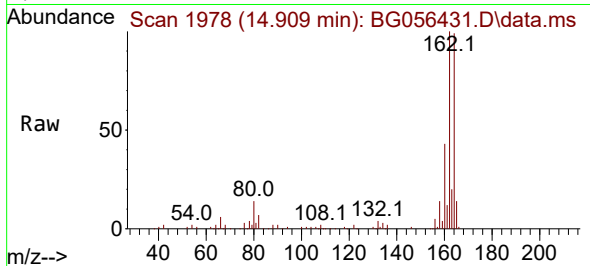




#51  
2,6-Dinitrotoluene  
Concen: 7.786 ng  
RT: 14.909 min Scan# 1909  
Delta R.T. 0.429 min  
Lab File: BG056431.D  
Acq: 25 Jan 2023 19:27

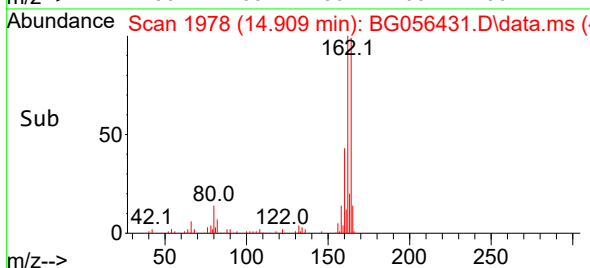
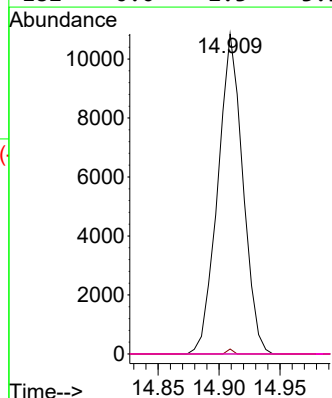
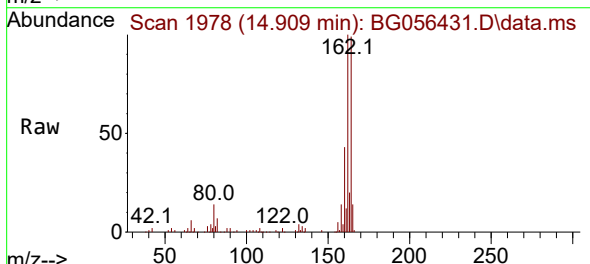
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BNA\_G  
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Tgt Ion:165 Resp: 15531  
Ion Ratio Lower Upper  
165 100  
63 1.6 32.2 48.2#  
89 0.0 39.8 59.8#

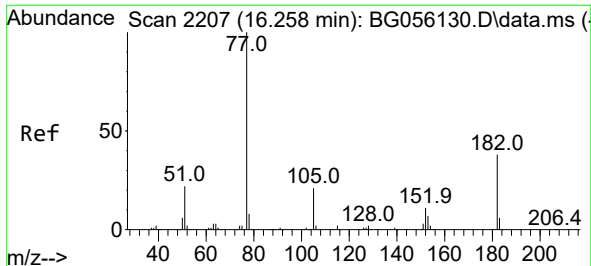


#57  
2,4-Dinitrotoluene  
Concen: 5.568 ng  
RT: 14.909 min Scan# 1978  
Delta R.T. -0.358 min  
Lab File: BG056431.D  
Acq: 25 Jan 2023 19:27

Tgt Ion:165 Resp: 15531  
Ion Ratio Lower Upper  
165 100  
63 1.6 22.6 34.0#  
89 0.0 53.2 79.8#  
182 0.0 2.3 3.5#



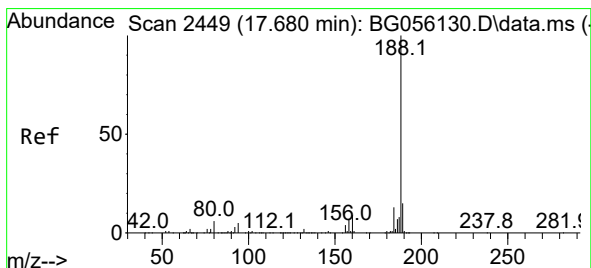
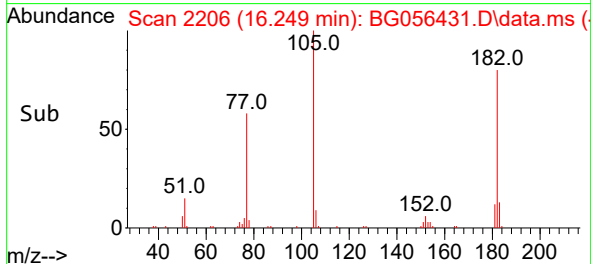
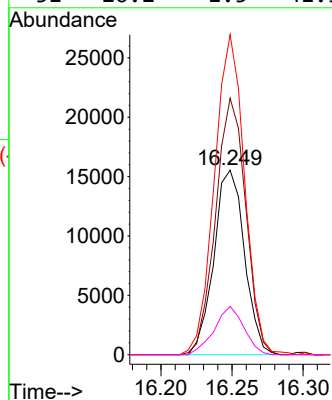
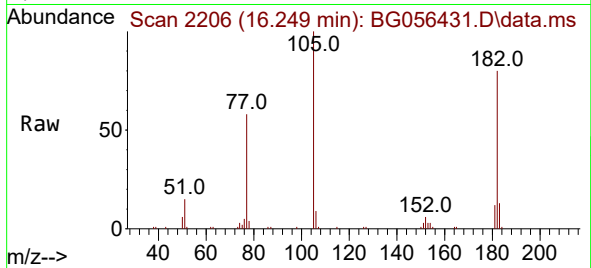




#63  
Azobenzene  
Concen: 3.431 ng  
RT: 16.249 min Scan# 21  
Delta R.T. 0.018 min  
Lab File: BG056431.D  
Acq: 25 Jan 2023 19:27

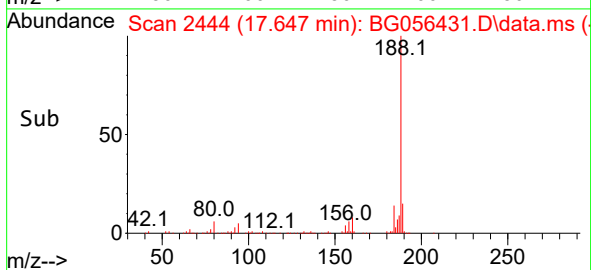
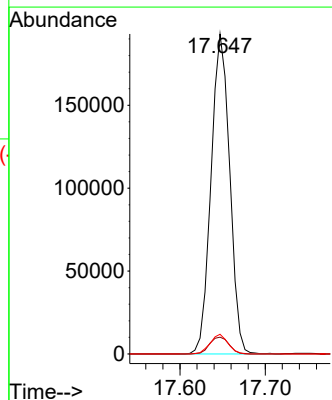
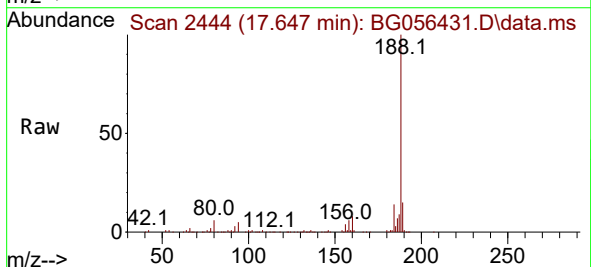
Instrument :  
BNA\_G  
ClientSampleId :  
TP-28

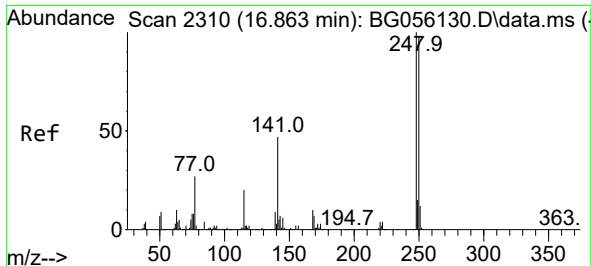
Tgt Ion: 77 Resp: 23246  
Ion Ratio Lower Upper  
77 100  
182 139.0 18.5 58.5#  
105 173.5 1.4 41.4#  
51 26.2 1.5 41.5



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.647 min Scan# 2444  
Delta R.T. -0.006 min  
Lab File: BG056431.D  
Acq: 25 Jan 2023 19:27

Tgt Ion: 188 Resp: 293226  
Ion Ratio Lower Upper  
188 100  
94 5.2 4.2 6.2  
80 6.1 5.0 7.4

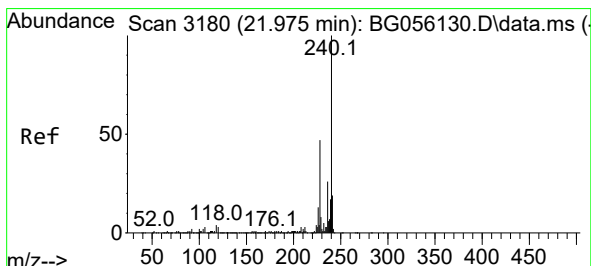
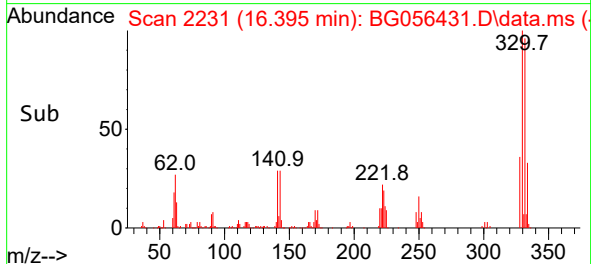
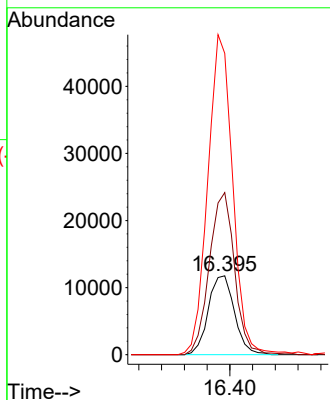
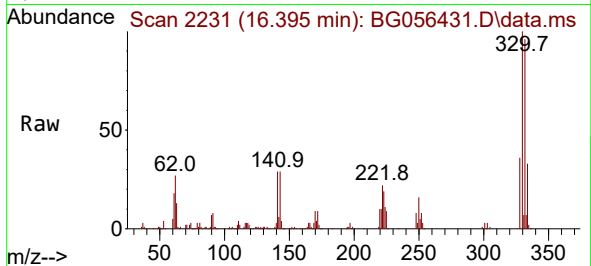




#67  
4-Bromophenyl-phenylether  
Concen: 5.038 ng  
RT: 16.395 min Scan# 21  
Delta R.T. -0.435 min  
Lab File: BG056431.D  
Acq: 25 Jan 2023 19:27

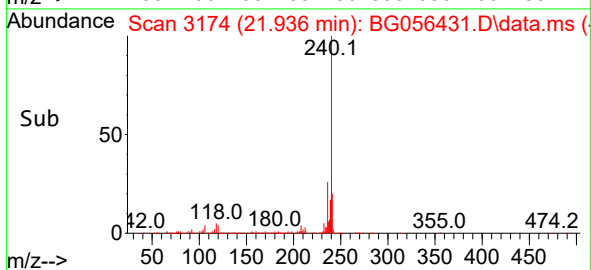
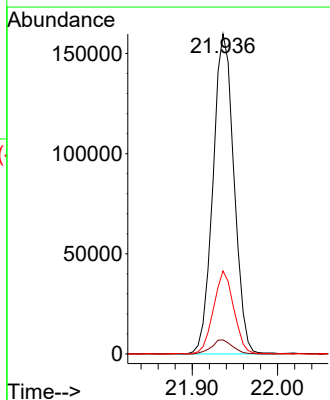
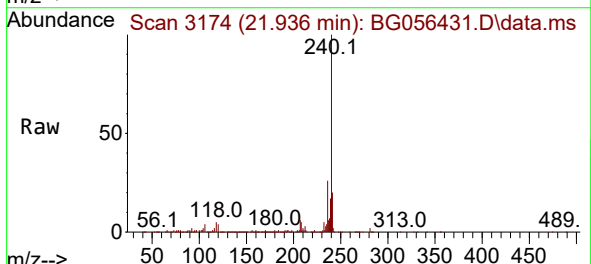
Instrument :  
BNA\_G  
ClientSampleId :  
TP-28

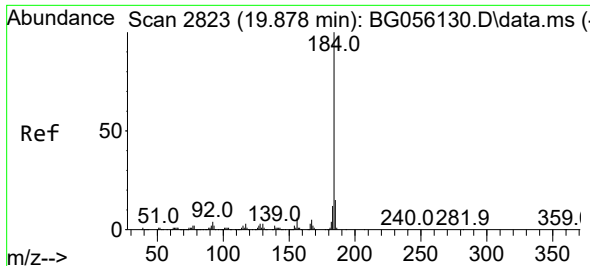
Tgt Ion:248 Resp: 18812  
Ion Ratio Lower Upper  
248 100  
250 205.3 78.2 117.4#  
141 381.6 37.6 56.4#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.936 min Scan# 3174  
Delta R.T. -0.006 min  
Lab File: BG056431.D  
Acq: 25 Jan 2023 19:27

Tgt Ion:240 Resp: 273244  
Ion Ratio Lower Upper  
240 100  
120 4.4 2.6 4.0#  
236 25.9 20.8 31.2

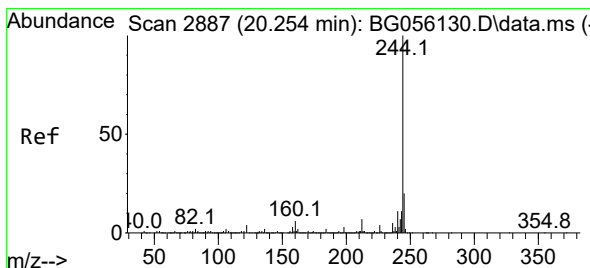
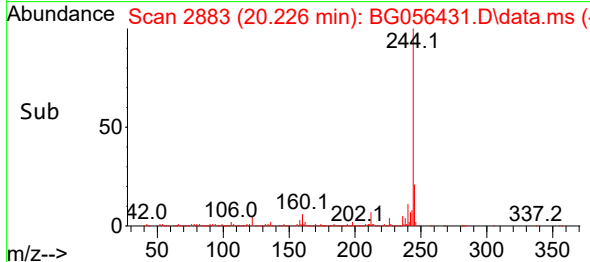
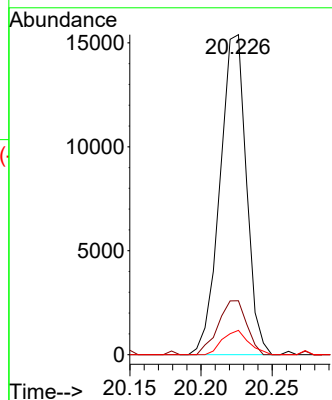
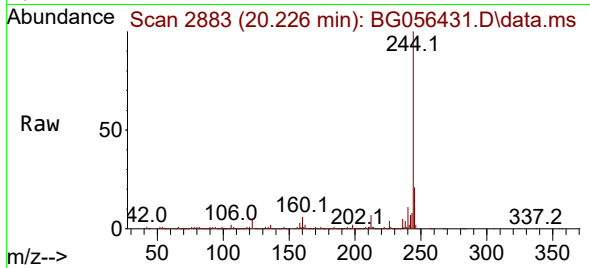




#77  
Benzidine  
Concen: 2.075 ng  
RT: 20.226 min Scan# 2883  
Delta R.T. 0.376 min  
Lab File: BG056431.D  
Acq: 25 Jan 2023 19:27

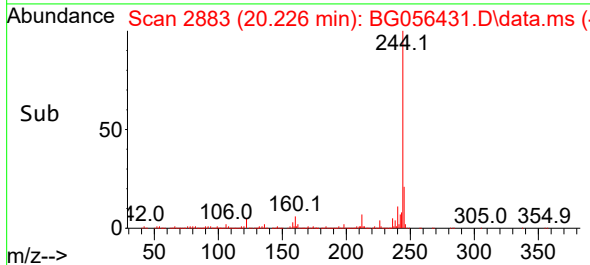
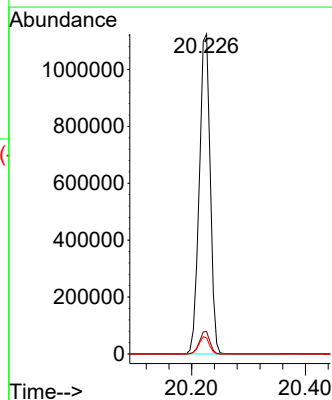
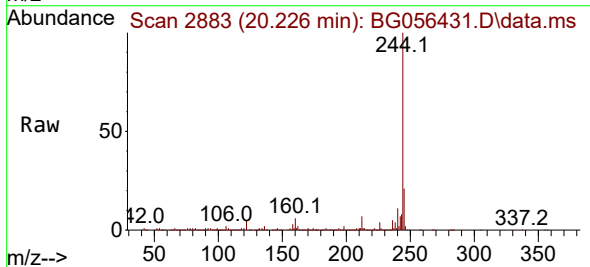
Instrument :  
BNA\_G  
ClientSampleId :  
TP-28

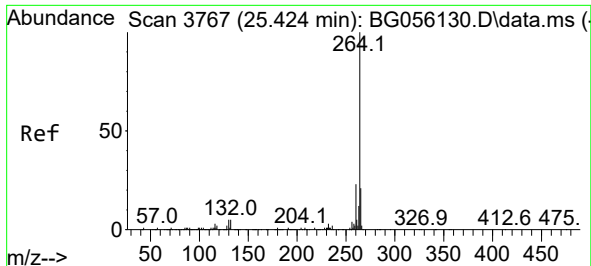
Tgt Ion:184 Resp: 19874  
Ion Ratio Lower Upper  
184 100  
185 16.9 12.2 18.2  
183 7.6 9.4 14.0#



#79  
Terphenyl-d14  
Concen: 98.733 ng  
RT: 20.226 min Scan# 2883  
Delta R.T. 0.000 min  
Lab File: BG056431.D  
Acq: 25 Jan 2023 19:27

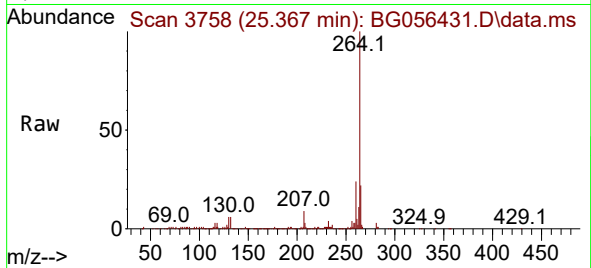
Tgt Ion:244 Resp: 1506283  
Ion Ratio Lower Upper  
244 100  
212 7.0 5.7 8.5  
122 5.0 3.5 5.3





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.367 min Scan# 31  
 Delta R.T. -0.006 min  
 Lab File: BG056431.D  
 Acq: 25 Jan 2023 19:27

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-28



Tgt Ion:264 Resp: 290049  
 Ion Ratio Lower Upper  
 264 100  
 260 23.9 18.6 28.0  
 265 22.5 16.7 25.1

