

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG012023\  
 Data File : BG056374.D  
 Acq On : 20 Jan 2023 19:28  
 Operator : CG/JU  
 Sample : 01237-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 COMP-1-2-3A

Quant Time: Jan 23 00:01:52 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

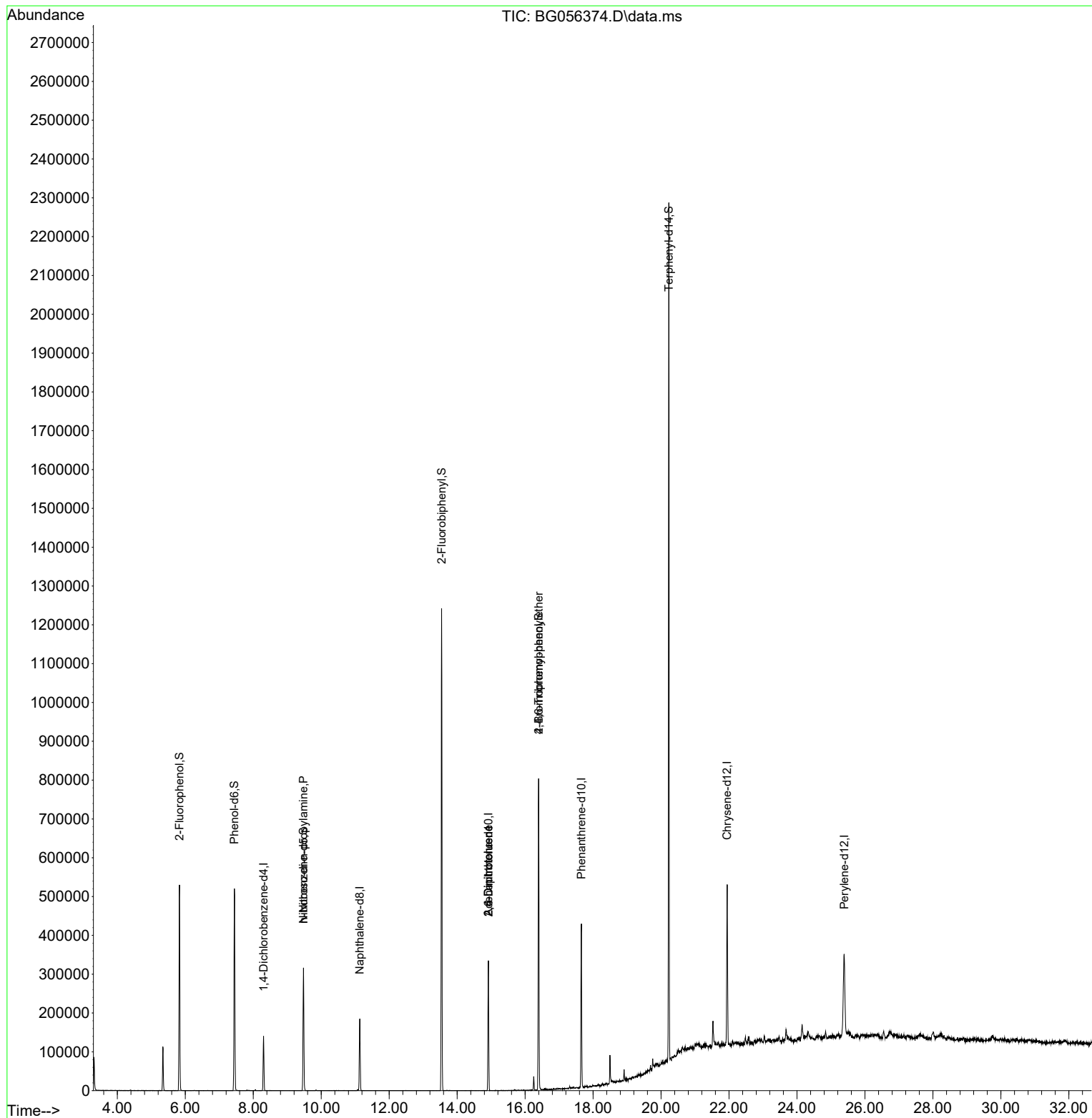
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.302  | 152  | 46699    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.134 | 136  | 174680   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.918 | 164  | 129969   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.656 | 188  | 296527   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.945 | 240  | 275480   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 25.388 | 264  | 307031   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.828  | 112  | 300820   | 115.016 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.444  | 99   | 415204   | 103.372 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.477  | 82   | 222124   | 65.045  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.398 | 330  | 177062   | 107.569 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.543 | 172  | 710861   | 75.528  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.229 | 244  | 1157589  | 75.261  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 19) n-Nitroso-di-n-propyla... | 9.477  | 70   | 28192    | 11.543  | ng    | Qvalue   |
| 51) 2,6-Dinitrotoluene        | 14.918 | 165  | 16853    | 7.538   | ng    | # 79     |
| 57) 2,4-Dinitrotoluene        | 14.918 | 165  | 16853    | 5.390   | ng    | # 32     |
| 67) 4-Bromophenyl-phenylether | 16.398 | 248  | 14440    | 3.824   | ng    | # 29     |
| 67) 4-Bromophenyl-phenylether | 16.398 | 248  | 14440    | 3.824   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

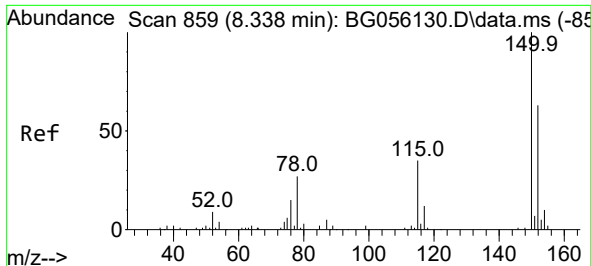
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG012023\  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jan 19 00:31:30 2023  
Response via : Initial Calibration

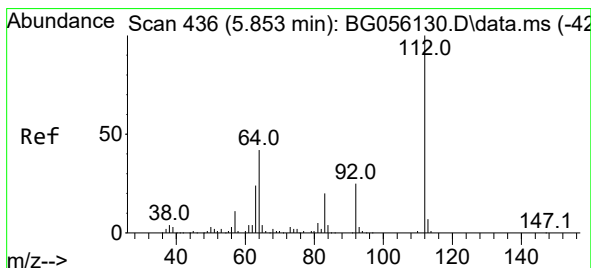
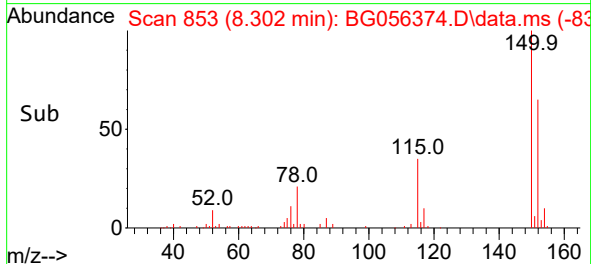
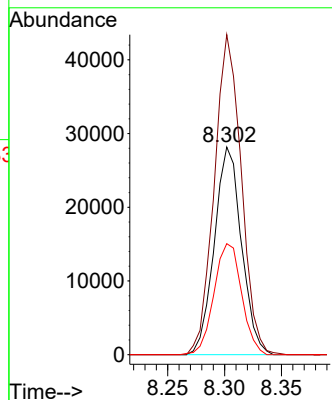
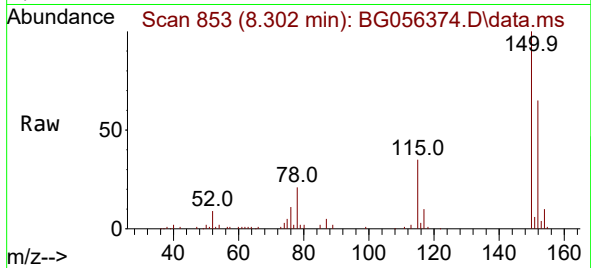




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.302 min Scan# 81  
Delta R.T. -0.004 min  
Lab File: BG056374.D  
Acq: 20 Jan 2023 19:28

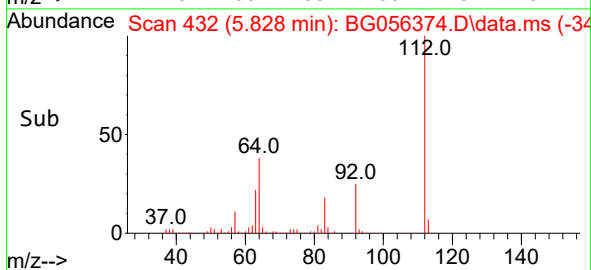
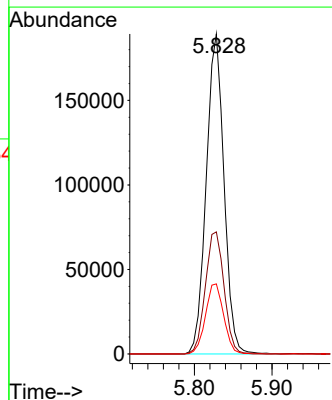
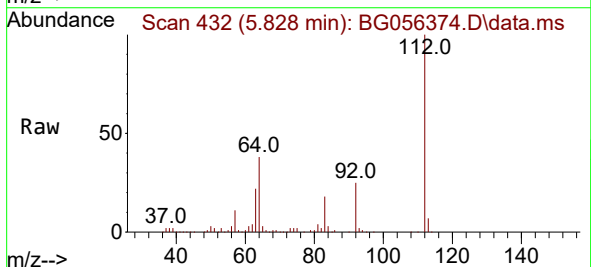
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-1-2-3A

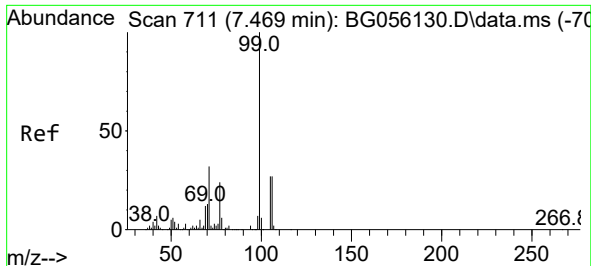
Tgt Ion:152 Resp: 46699  
Ion Ratio Lower Upper  
152 100  
150 154.1 127.9 191.9  
115 53.5 44.2 66.2



#5  
2-Fluorophenol  
Concen: 115.016 ng  
RT: 5.828 min Scan# 432  
Delta R.T. 0.002 min  
Lab File: BG056374.D  
Acq: 20 Jan 2023 19:28

Tgt Ion:112 Resp: 300820  
Ion Ratio Lower Upper  
112 100  
64 38.2 33.3 49.9  
63 21.9 19.0 28.4

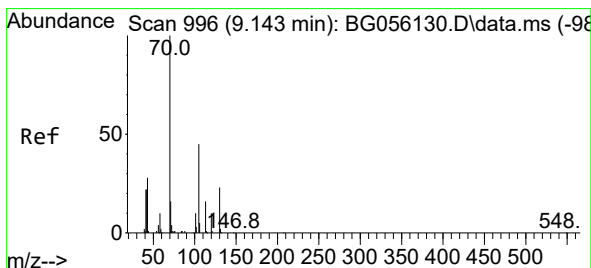
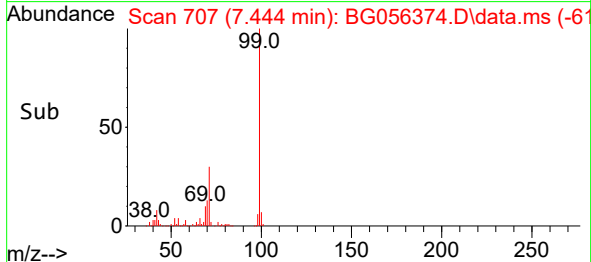
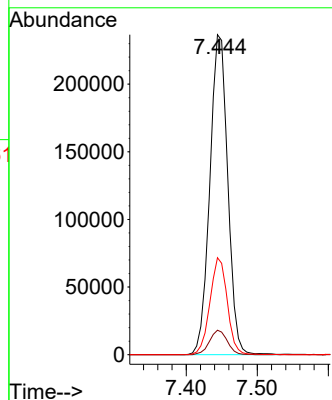
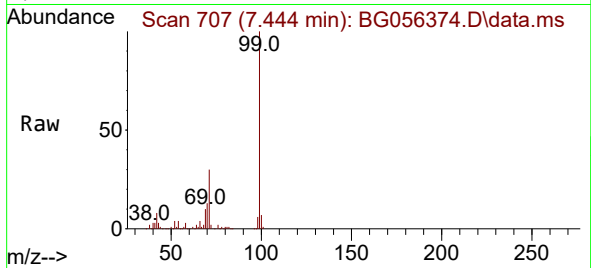




#7  
Phenol-d6  
Concen: 103.372 ng  
RT: 7.444 min Scan# 70  
Delta R.T. -0.004 min  
Lab File: BG056374.D  
Acq: 20 Jan 2023 19:28

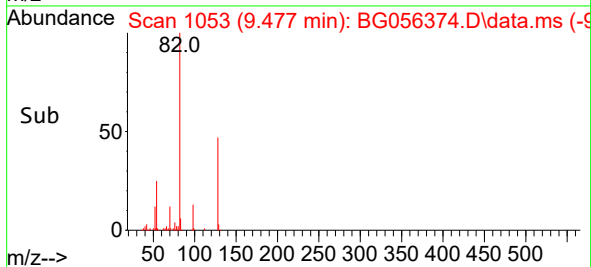
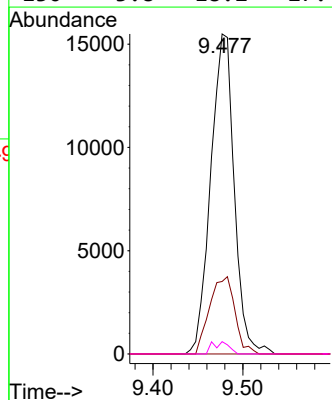
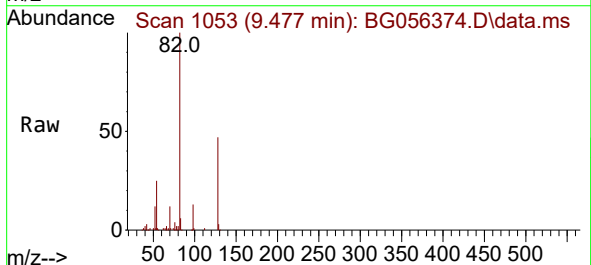
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-1-2-3A

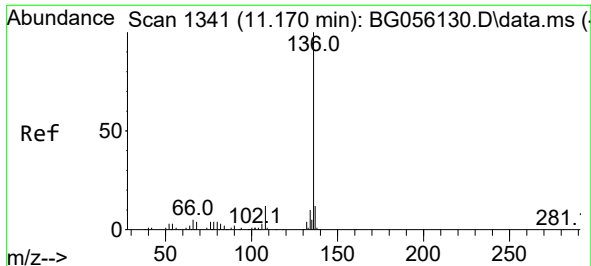
Tgt Ion: 99 Resp: 415204  
Ion Ratio Lower Upper  
99 100  
42 7.6 5.9 8.9  
71 30.3 25.4 38.2



#19  
n-Nitroso-di-n-propylamine  
Concen: 11.543 ng  
RT: 9.477 min Scan# 1053  
Delta R.T. 0.366 min  
Lab File: BG056374.D  
Acq: 20 Jan 2023 19:28

Tgt Ion: 70 Resp: 28192  
Ion Ratio Lower Upper  
70 100  
42 22.7 18.2 27.2  
101 0.0 8.3 12.5#  
130 3.8 18.2 27.4#

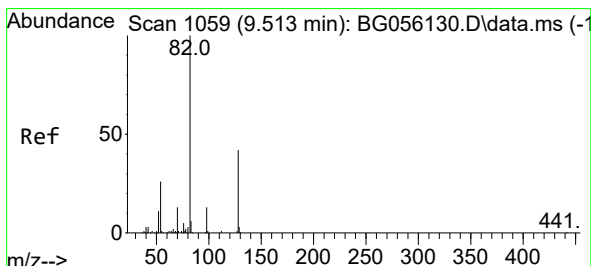
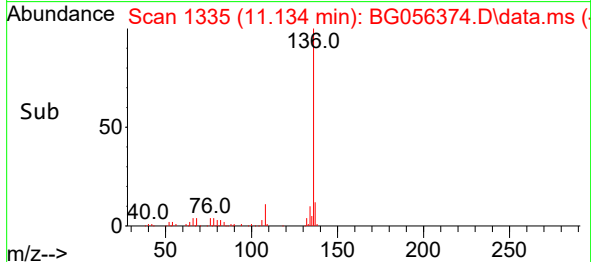
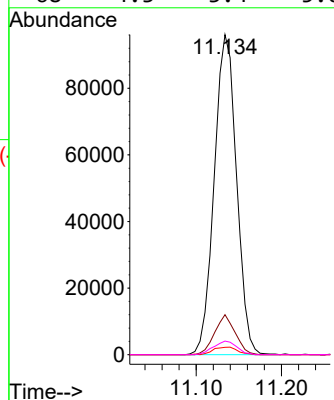
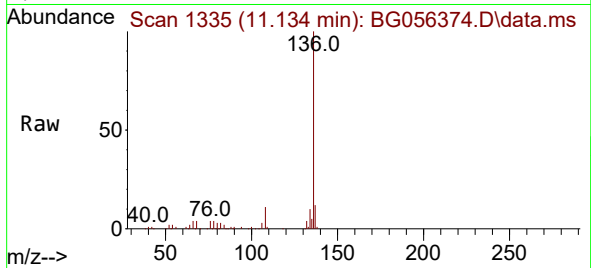




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.134 min Scan# 11  
Delta R.T. -0.004 min  
Lab File: BG056374.D  
Acq: 20 Jan 2023 19:28

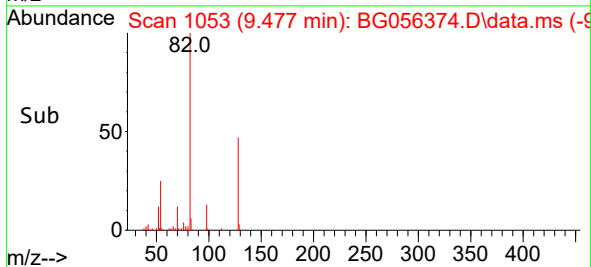
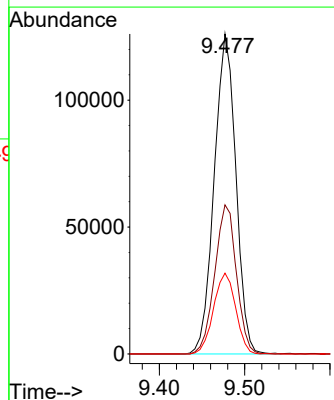
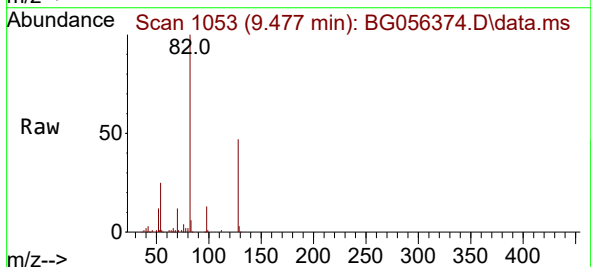
Instrument :  
BNA\_G  
ClientSampleId :  
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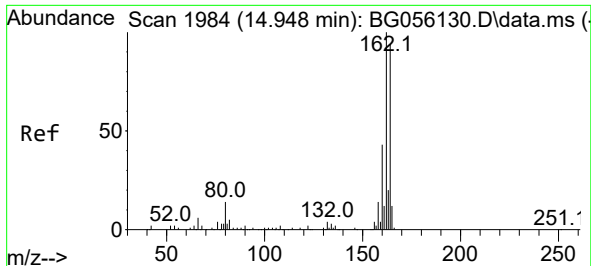
Tgt Ion:136 Resp: 174680  
Ion Ratio Lower Upper  
136 100  
137 12.5 9.4 14.0  
54 2.3 2.2 3.2  
68 4.3 3.4 5.0



#23  
Nitrobenzene-d5  
Concen: 65.045 ng  
RT: 9.477 min Scan# 1053  
Delta R.T. -0.010 min  
Lab File: BG056374.D  
Acq: 20 Jan 2023 19:28

Tgt Ion: 82 Resp: 222124  
Ion Ratio Lower Upper  
82 100  
128 46.6 33.4 50.2  
54 25.3 20.3 30.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.918 min Scan# 1984

Delta R.T. -0.004 min

Lab File: BG056374.D

Acq: 20 Jan 2023 19:28

Instrument :

BNA\_G

ClientSampleId :

COMP-1-2-3A

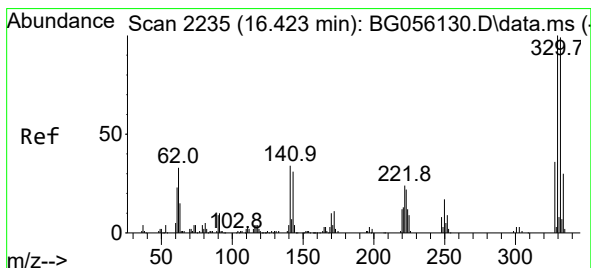
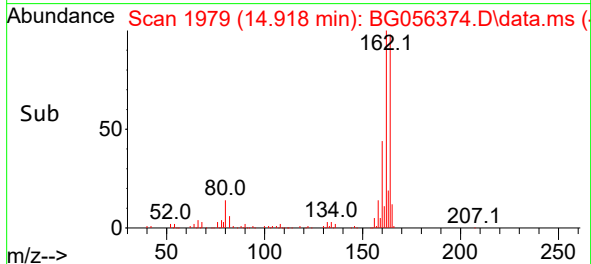
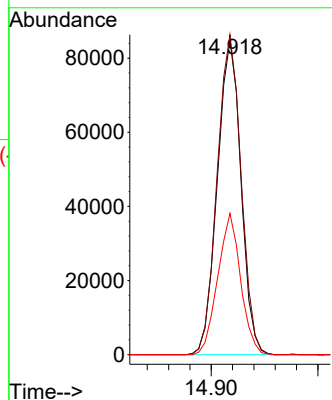
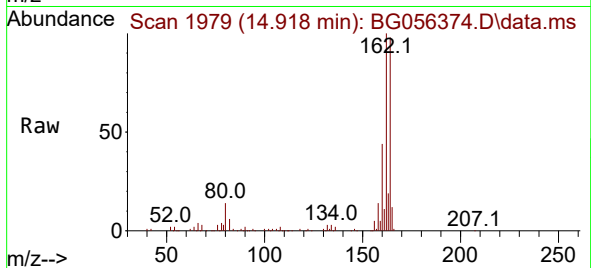
Tgt Ion:164 Resp: 129969

Ion Ratio Lower Upper

164 100

162 101.8 84.7 127.1

160 45.0 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 107.569 ng

RT: 16.398 min Scan# 2231

Delta R.T. -0.004 min

Lab File: BG056374.D

Acq: 20 Jan 2023 19:28

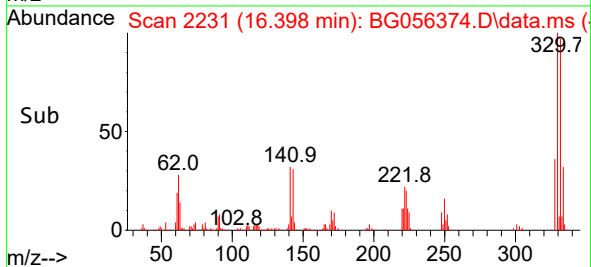
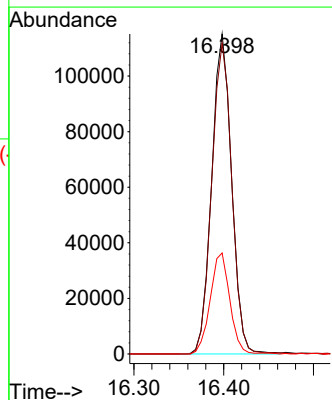
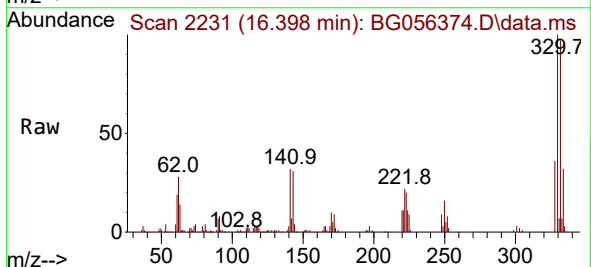
Tgt Ion:330 Resp: 177062

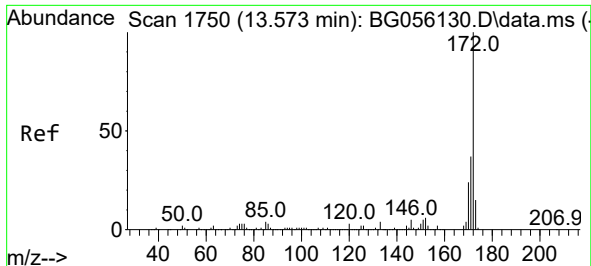
Ion Ratio Lower Upper

330 100

332 98.2 77.3 115.9

141 31.2 27.9 41.9

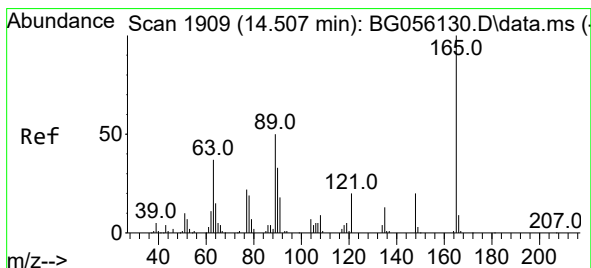
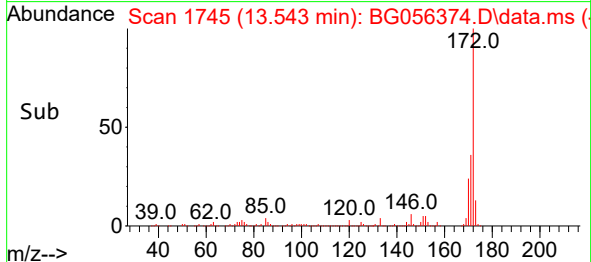
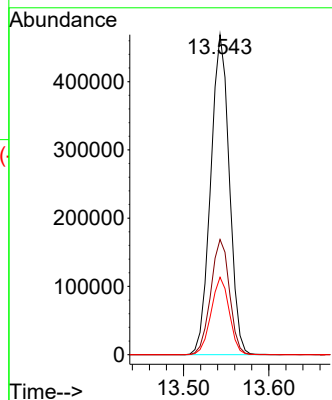
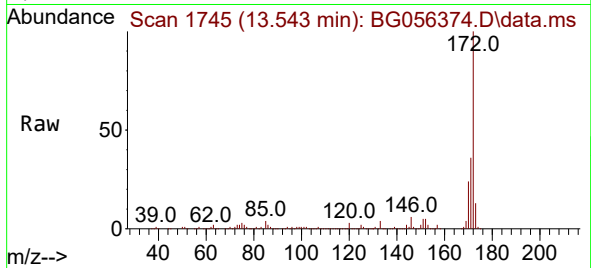




#45  
2-Fluorobiphenyl  
Concen: 75.528 ng  
RT: 13.543 min Scan# 1  
Delta R.T. -0.004 min  
Lab File: BG056374.D  
Acq: 20 Jan 2023 19:28

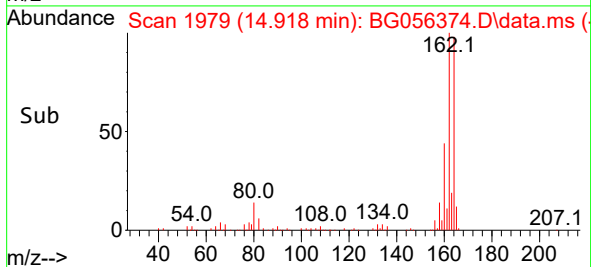
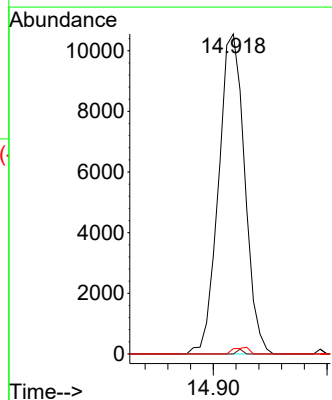
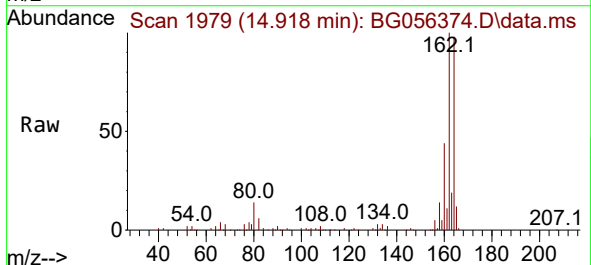
Instrument :  
BNA\_G  
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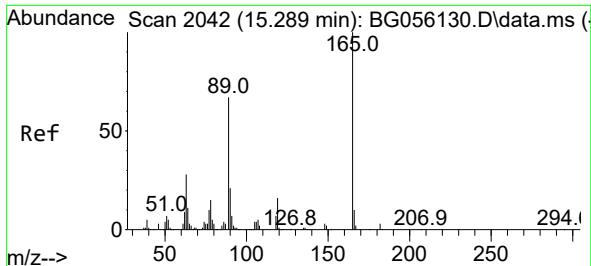
Tgt Ion:172 Resp: 710861  
Ion Ratio Lower Upper  
172 100  
171 36.0 29.6 44.4  
170 24.2 19.4 29.2



#51  
2,6-Dinitrotoluene  
Concen: 7.538 ng  
RT: 14.918 min Scan# 1979  
Delta R.T. 0.431 min  
Lab File: BG056374.D  
Acq: 20 Jan 2023 19:28

Tgt Ion:165 Resp: 16853  
Ion Ratio Lower Upper  
165 100  
63 0.0 32.2 48.2#  
89 1.7 39.8 59.8#





#57

2,4-Dinitrotoluene

Concen: 5.390 ng

RT: 14.918 min Scan# 14

Delta R.T. -0.357 min

Lab File: BG056374.D

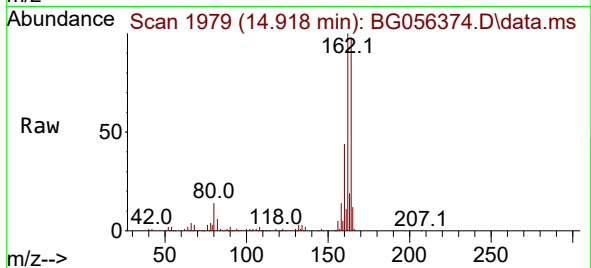
Acq: 20 Jan 2023 19:28

Instrument :

BNA\_G

ClientSampleId :

COMP-1-2-3A



Tgt Ion:165 Resp: 16853

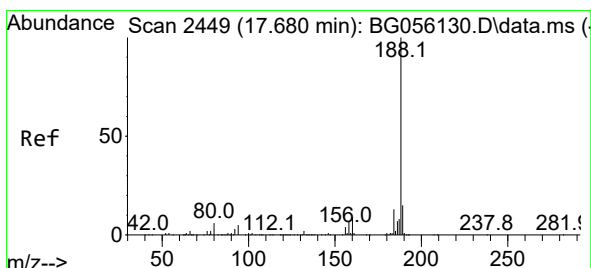
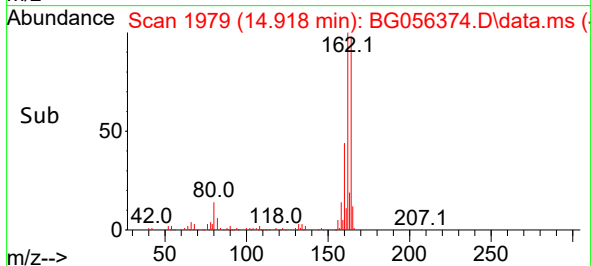
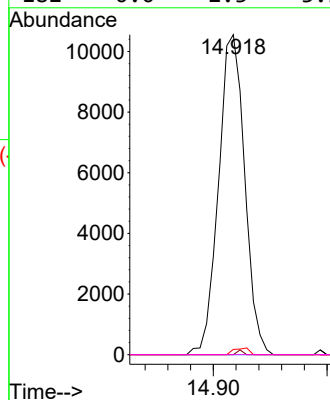
Ion Ratio Lower Upper

165 100

63 0.0 22.6 34.0#

89 1.7 53.2 79.8#

182 0.0 2.3 3.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.656 min Scan# 2445

Delta R.T. -0.004 min

Lab File: BG056374.D

Acq: 20 Jan 2023 19:28

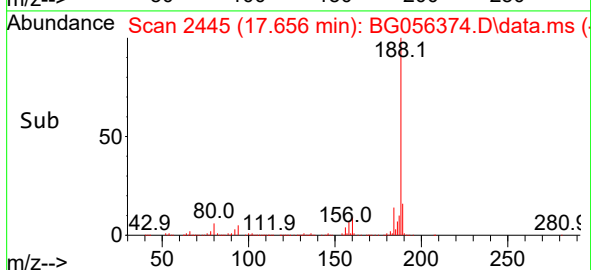
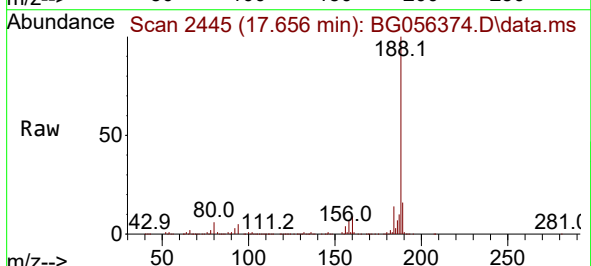
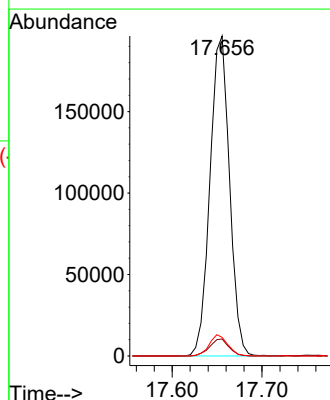
Tgt Ion:188 Resp: 296527

Ion Ratio Lower Upper

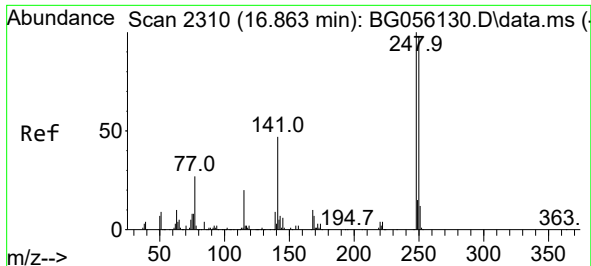
188 100

94 5.3 4.2 6.2

80 5.8 5.0 7.4



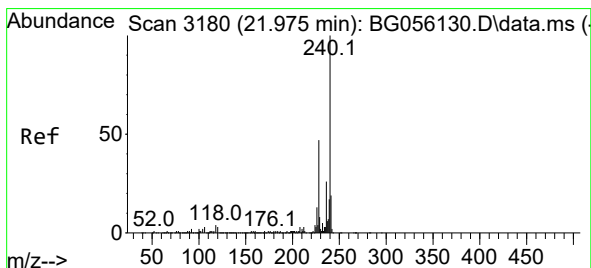
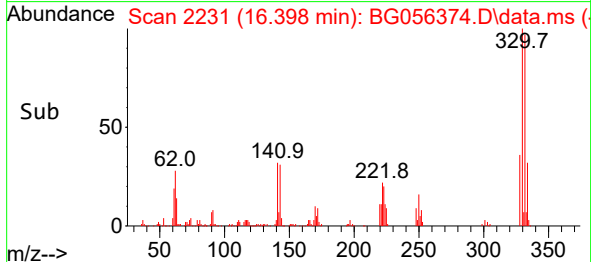
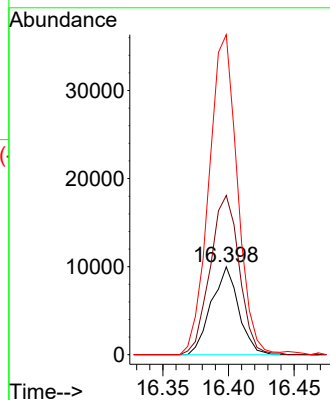
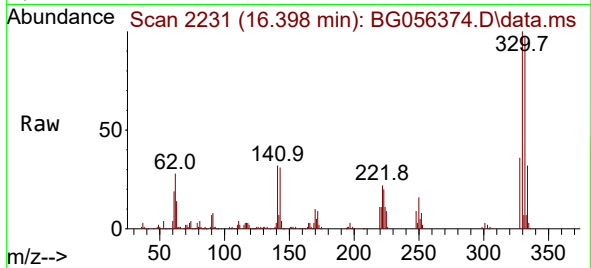




#67  
4-Bromophenyl-phenylether  
Concen: 3.824 ng  
RT: 16.398 min Scan# 21  
Delta R.T. -0.439 min  
Lab File: BG056374.D  
Acq: 20 Jan 2023 19:28

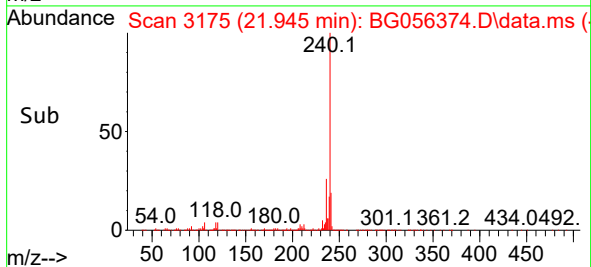
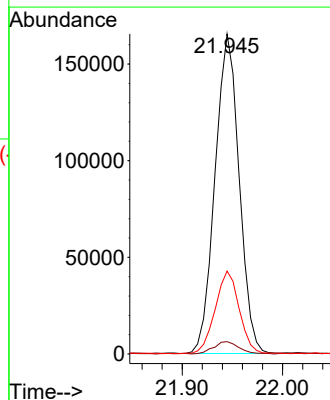
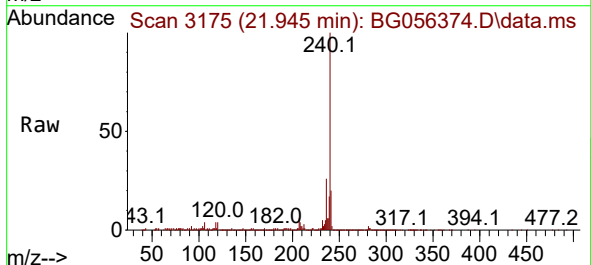
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-1-2-3A

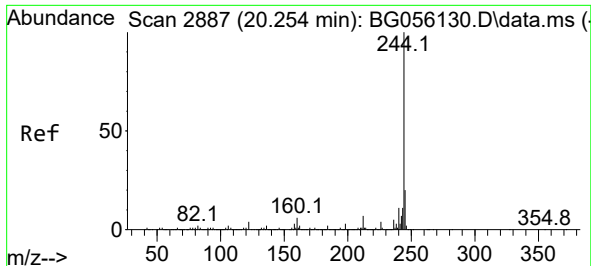
Tgt Ion:248 Resp: 14440  
Ion Ratio Lower Upper  
248 100  
250 181.1 78.2 117.4#  
141 363.9 37.6 56.4#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.945 min Scan# 3175  
Delta R.T. -0.010 min  
Lab File: BG056374.D  
Acq: 20 Jan 2023 19:28

Tgt Ion:240 Resp: 275480  
Ion Ratio Lower Upper  
240 100  
120 3.8 2.6 4.0  
236 25.9 20.8 31.2

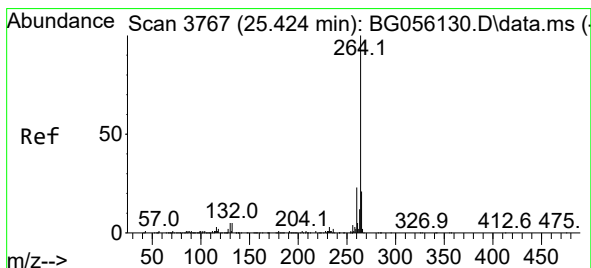
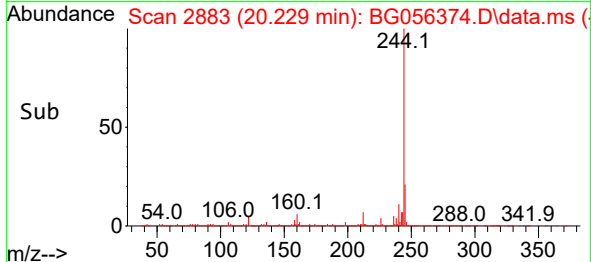
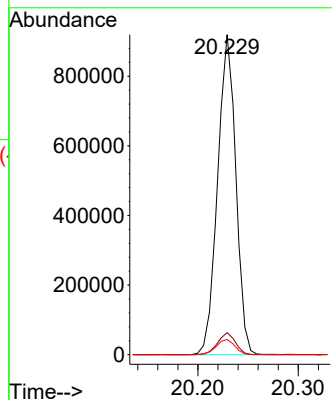
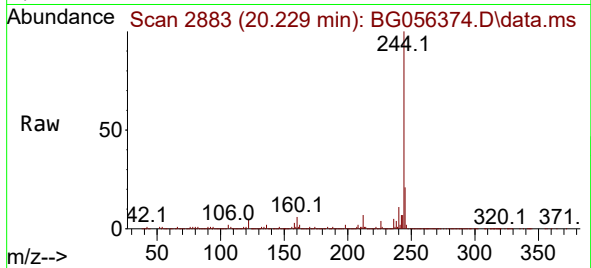




#79  
 Terphenyl-d14  
 Concen: 75.261 ng  
 RT: 20.229 min Scan# 21  
 Delta R.T. -0.004 min  
 Lab File: BG056374.D  
 Acq: 20 Jan 2023 19:28

Instrument :  
 BNA\_G  
 ClientSampleId :  
 COMP-1-2-3A

Tgt Ion:244 Resp: 1157589  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.7 8.5  
 122 4.8 3.5 5.3



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.388 min Scan# 3761  
 Delta R.T. -0.004 min  
 Lab File: BG056374.D  
 Acq: 20 Jan 2023 19:28

Tgt Ion:264 Resp: 307031  
 Ion Ratio Lower Upper  
 264 100  
 260 24.5 18.6 28.0  
 265 22.0 16.7 25.1

