

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG011623\  
 Data File : BG056306.D  
 Acq On : 16 Jan 2023 21:35  
 Operator : CG/JU  
 Sample : 01132-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 COMPOSITE-1

Quant Time: Jan 17 05:27:41 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 12 03:38:40 2023  
 Response via : Initial Calibration

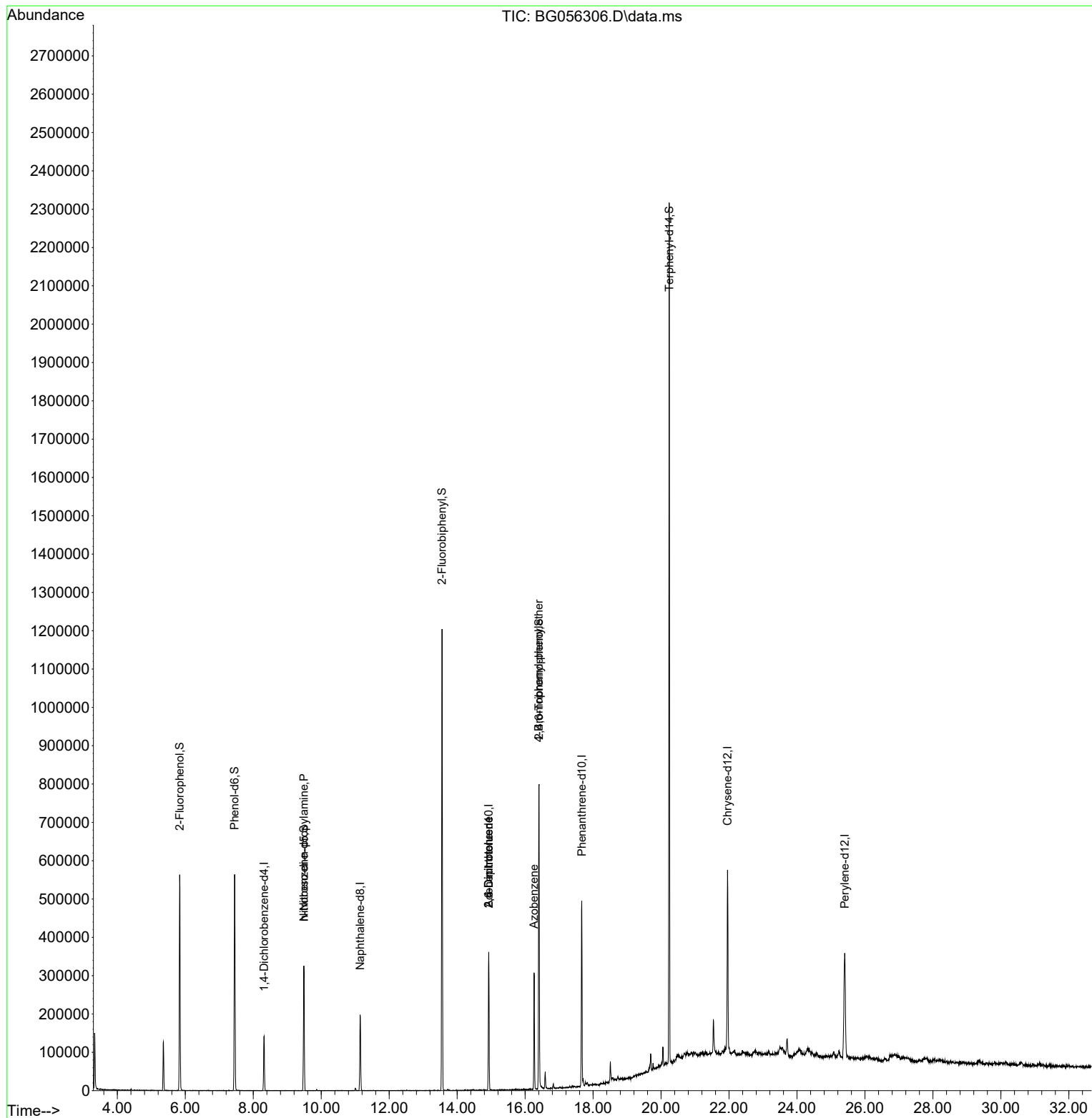
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.318  | 152  | 48398    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.144 | 136  | 180765   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.927 | 164  | 137219   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.665 | 188  | 341284   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.954 | 240  | 322109   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 25.403 | 264  | 352879   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.832  | 112  | 320817   | 118.356 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.448  | 99   | 447096   | 107.404 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.487  | 82   | 231774   | 65.586  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.408 | 330  | 173308   | 99.725  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.553 | 172  | 691360   | 69.575  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.239 | 244  | 1195752  | 66.488  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 9.487  | 70   | 28253    | 11.161  | ng    | # 73     |
| 51) 2,6-Dinitrotoluene        | 14.927 | 165  | 17957    | 7.608   | ng    | # 31     |
| 57) 2,4-Dinitrotoluene        | 14.927 | 165  | 17957    | 5.440   | ng    | # 28     |
| 63) Azobenzene                | 16.261 | 77   | 80145    | 9.998   | ng    | # 1      |
| 67) 4-Bromophenyl-phenylether | 16.402 | 248  | 14630    | 3.366   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

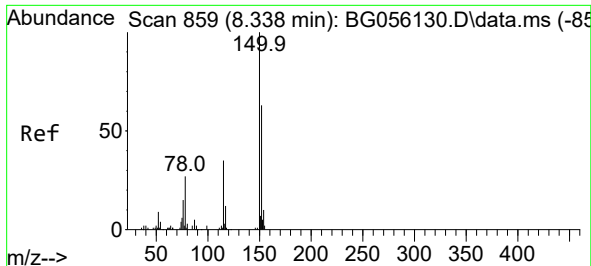
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG011623\  
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COMPOSITE-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 : Thu Jan 12 03:38:40 2023  
Response via : Initial Calibration

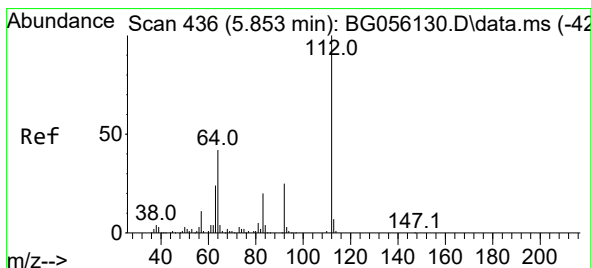
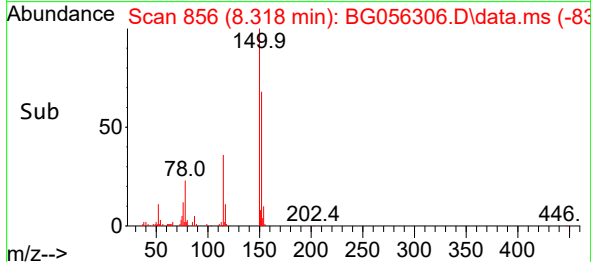
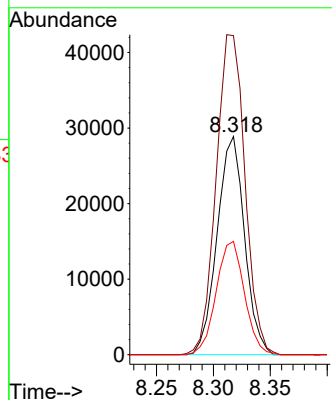
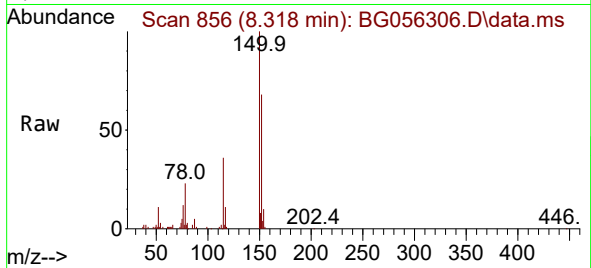




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.318 min Scan# 81  
Delta R.T. 0.001 min  
Lab File: BG056306.D  
Acq: 16 Jan 2023 21:35

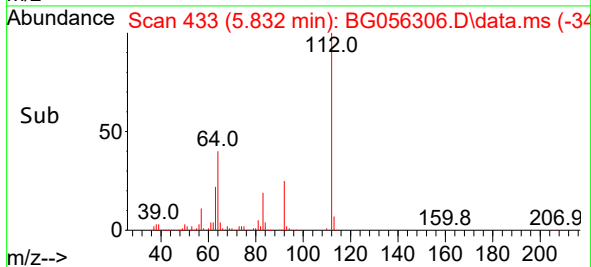
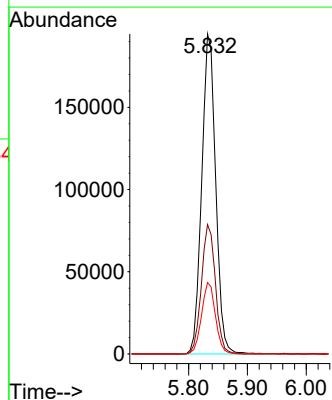
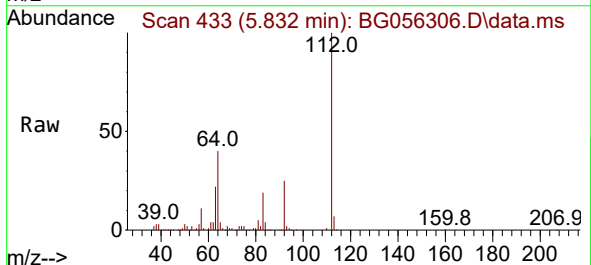
Instrument :  
BNA\_G  
ClientSampleId :  
COMPOSITE-1

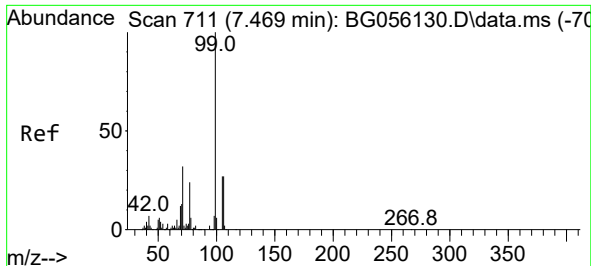
Tgt Ion:152 Resp: 48398  
Ion Ratio Lower Upper  
152 100  
150 146.2 127.9 191.9  
115 51.9 44.2 66.2



#5  
2-Fluorophenol  
Concen: 118.356 ng  
RT: 5.832 min Scan# 433  
Delta R.T. 0.007 min  
Lab File: BG056306.D  
Acq: 16 Jan 2023 21:35

Tgt Ion:112 Resp: 320817  
Ion Ratio Lower Upper  
112 100  
64 40.5 33.3 49.9  
63 22.3 19.0 28.4

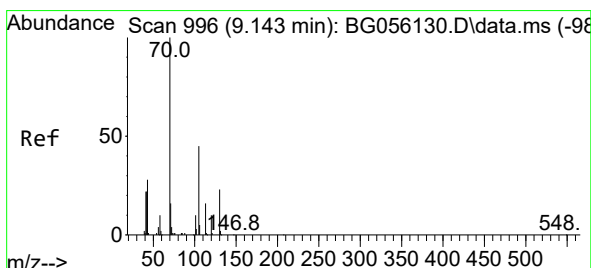
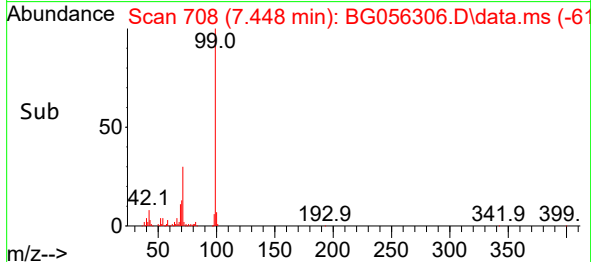
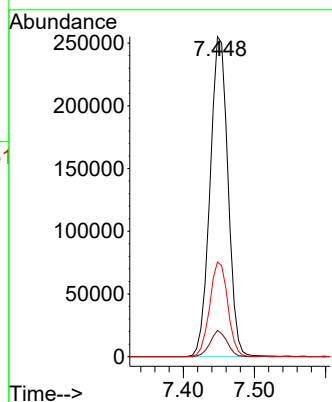
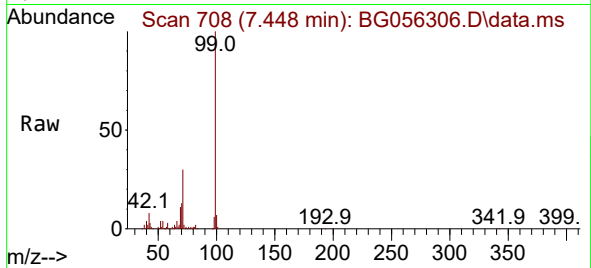




#7  
Phenol-d6  
Concen: 107.404 ng  
RT: 7.448 min Scan# 70  
Delta R.T. 0.001 min  
Lab File: BG056306.D  
Acq: 16 Jan 2023 21:35

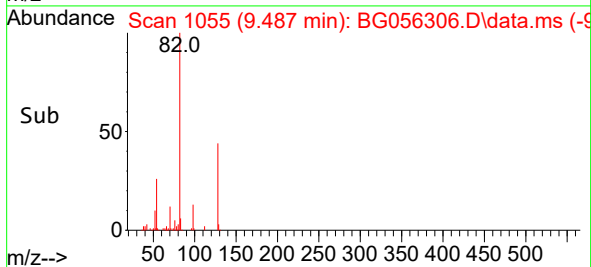
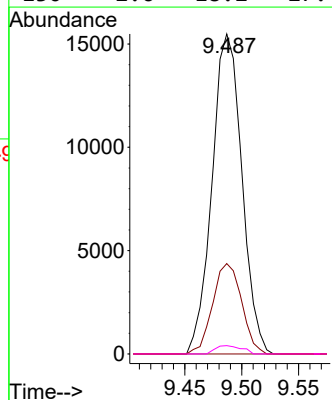
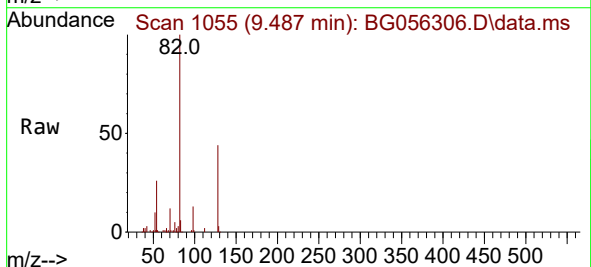
Instrument :  
BNA\_G  
ClientSampleId :  
COMPOSITE-1

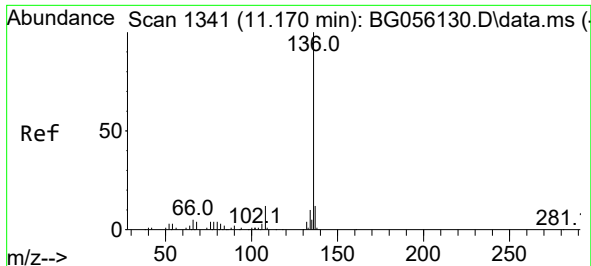
Tgt Ion: 99 Resp: 447096  
Ion Ratio Lower Upper  
99 100  
42 8.2 5.9 8.9  
71 29.6 25.4 38.2



#19  
n-Nitroso-di-n-propylamine  
Concen: 11.161 ng  
RT: 9.487 min Scan# 1055  
Delta R.T. 0.371 min  
Lab File: BG056306.D  
Acq: 16 Jan 2023 21:35

Tgt Ion: 70 Resp: 28253  
Ion Ratio Lower Upper  
70 100  
42 28.3 18.2 27.2#  
101 0.0 8.3 12.5#  
130 2.6 18.2 27.4#

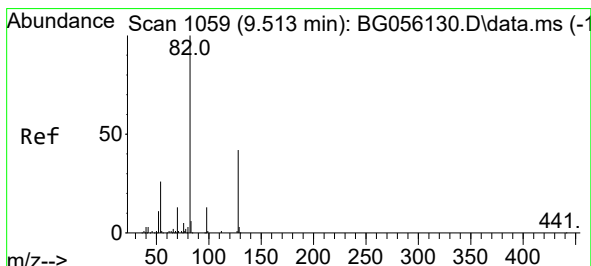
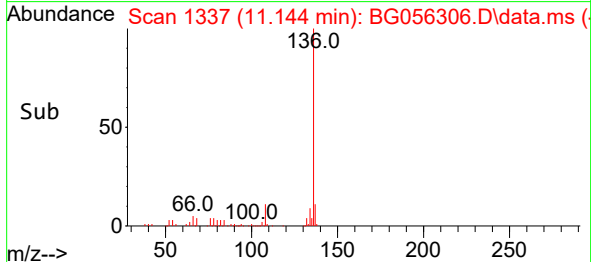
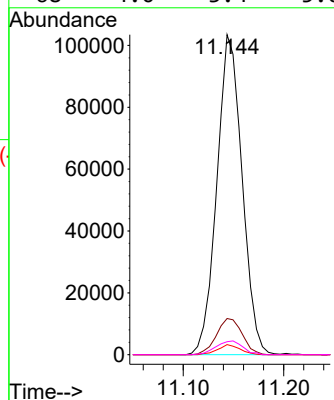
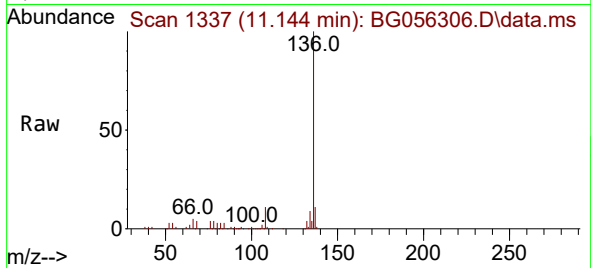




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.144 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BG056306.D  
Acq: 16 Jan 2023 21:35

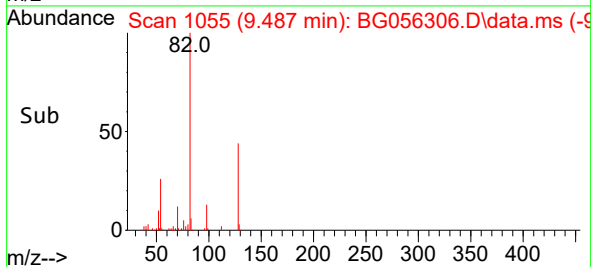
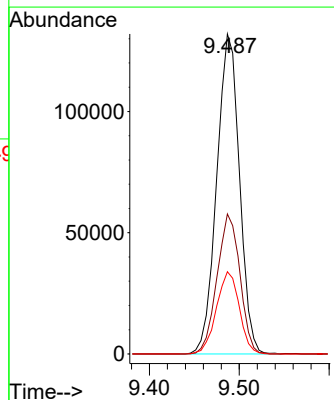
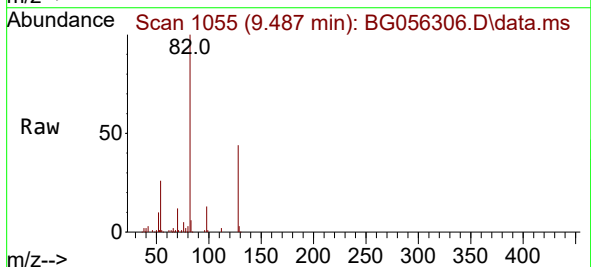
Instrument :  
BNA\_G  
ClientSampleId :  
COMPOSITE-1

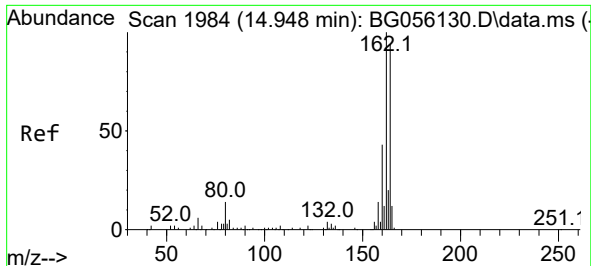
Tgt Ion:136 Resp: 180765  
Ion Ratio Lower Upper  
136 100  
137 11.3 9.4 14.0  
54 3.2 2.2 3.2  
68 4.0 3.4 5.0



#23  
Nitrobenzene-d5  
Concen: 65.586 ng  
RT: 9.487 min Scan# 1055  
Delta R.T. -0.005 min  
Lab File: BG056306.D  
Acq: 16 Jan 2023 21:35

Tgt Ion: 82 Resp: 231774  
Ion Ratio Lower Upper  
82 100  
128 43.7 33.4 50.2  
54 25.7 20.3 30.5

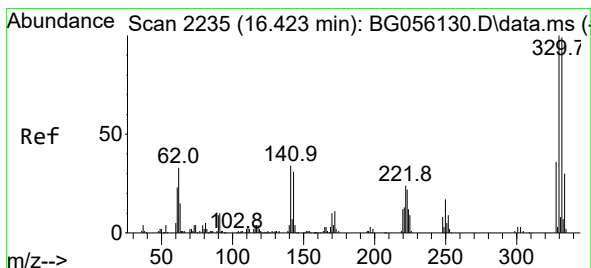
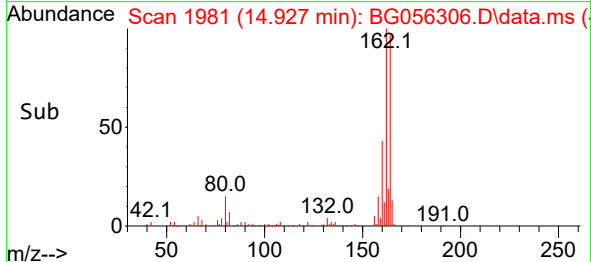
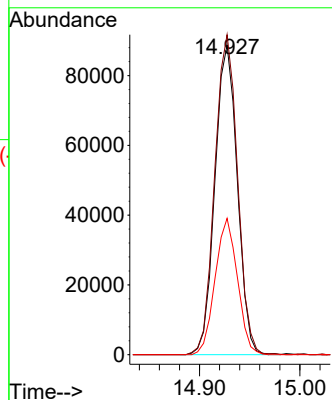
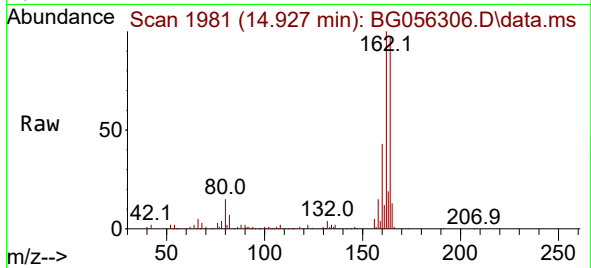




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.927 min Scan# 1981  
Delta R.T. 0.001 min  
Lab File: BG056306.D  
Acq: 16 Jan 2023 21:35

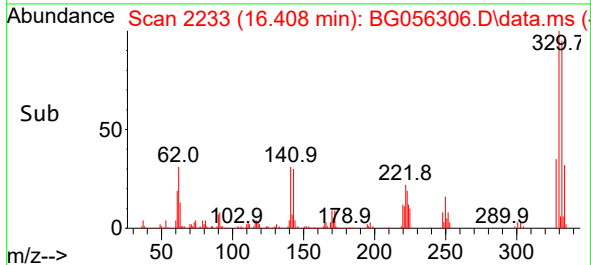
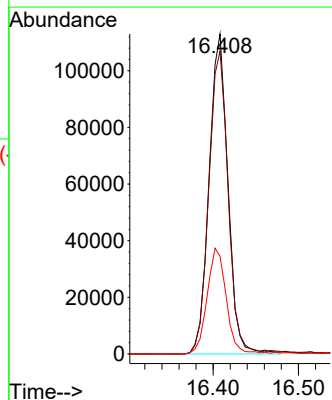
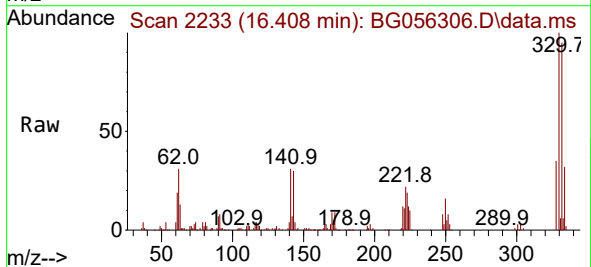
Instrument :  
BNA\_G  
ClientSampleId :  
COMPOSITE-1

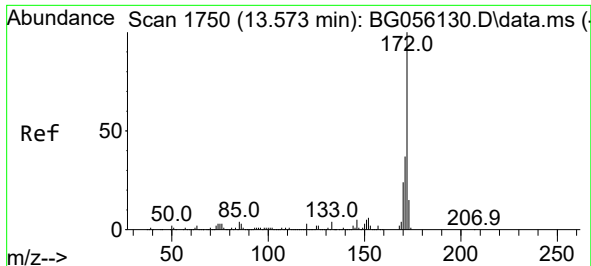
Tgt Ion:164 Resp: 137219  
Ion Ratio Lower Upper  
164 100  
162 103.3 84.7 127.1  
160 44.0 36.3 54.5



#42  
2,4,6-Tribromophenol  
Concen: 99.725 ng  
RT: 16.408 min Scan# 2233  
Delta R.T. 0.001 min  
Lab File: BG056306.D  
Acq: 16 Jan 2023 21:35

Tgt Ion:330 Resp: 173308  
Ion Ratio Lower Upper  
330 100  
332 96.7 77.3 115.9  
141 33.6 27.9 41.9

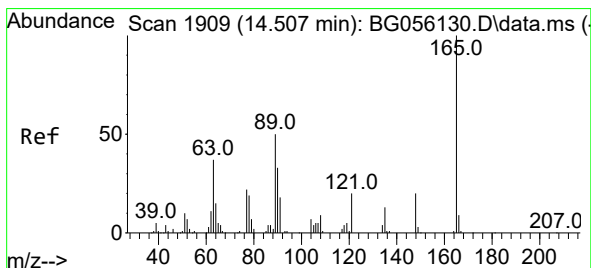
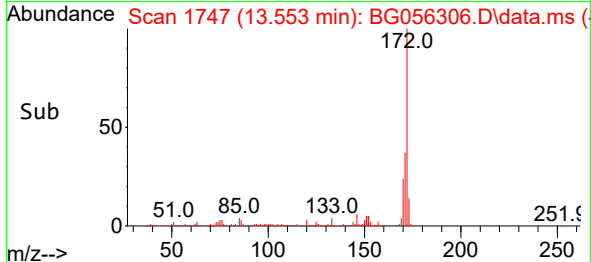
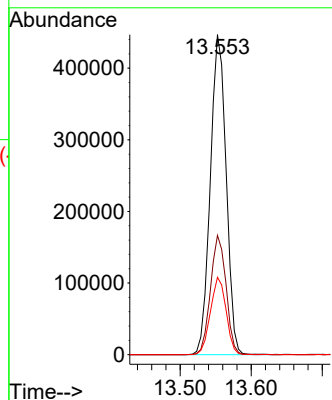
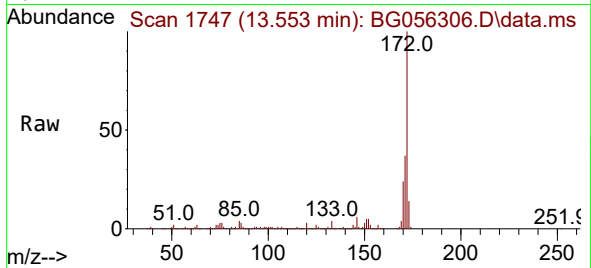




#45  
2-Fluorobiphenyl  
Concen: 69.575 ng  
RT: 13.553 min Scan# 1747  
Delta R.T. -0.005 min  
Lab File: BG056306.D  
Acq: 16 Jan 2023 21:35

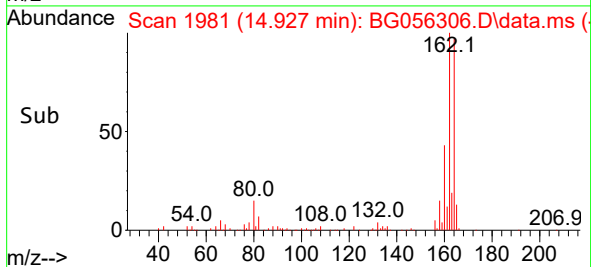
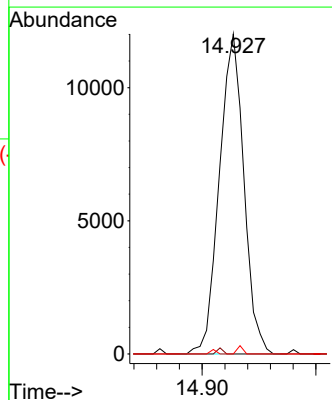
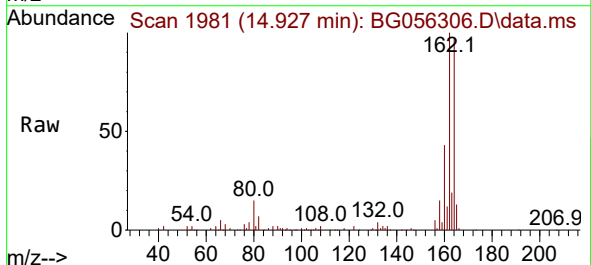
Instrument :  
BNA\_G  
ClientSampleId :  
COMPOSITE-1

Tgt Ion:172 Resp: 691360  
Ion Ratio Lower Upper  
172 100  
171 37.3 29.6 44.4  
170 24.2 19.4 29.2



#51  
2,6-Dinitrotoluene  
Concen: 7.608 ng  
RT: 14.927 min Scan# 1981  
Delta R.T. 0.436 min  
Lab File: BG056306.D  
Acq: 16 Jan 2023 21:35

Tgt Ion:165 Resp: 17957  
Ion Ratio Lower Upper  
165 100  
63 0.0 32.2 48.2#  
89 0.0 39.8 59.8#

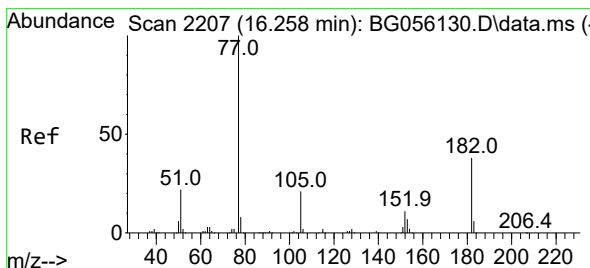
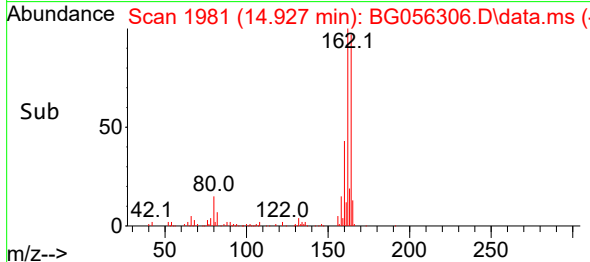
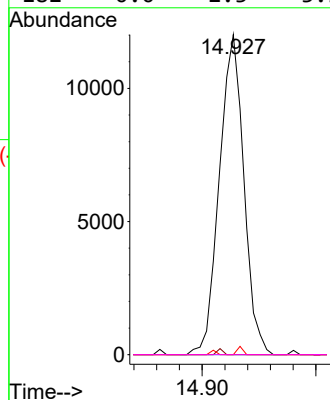
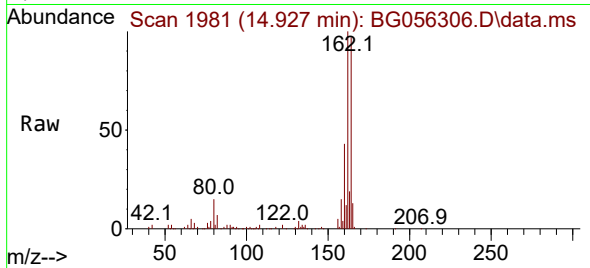




#57  
2,4-Dinitrotoluene  
Concen: 5.440 ng  
RT: 14.927 min Scan# 1981  
Delta R.T. -0.346 min  
Lab File: BG056306.D  
Acq: 16 Jan 2023 21:35

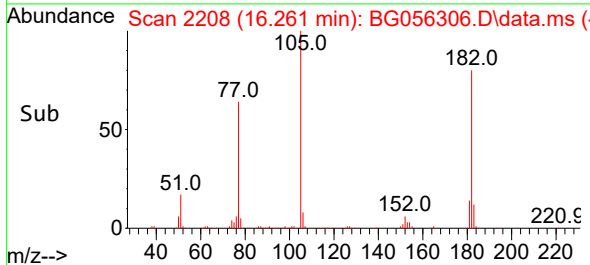
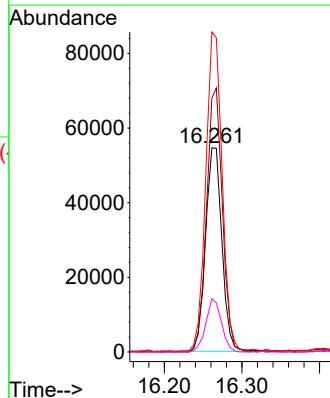
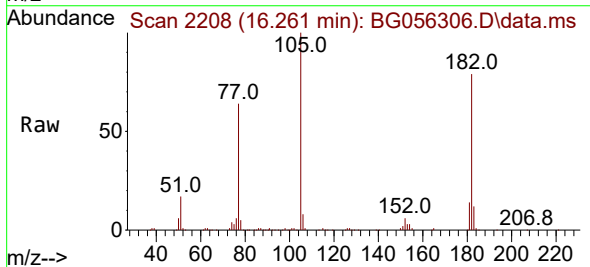
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ClientSampleId :  
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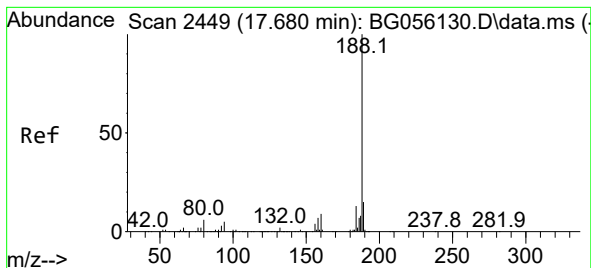
Tgt Ion:165 Resp: 17957  
Ion Ratio Lower Upper  
165 100  
63 0.0 22.6 34.0#  
89 0.0 53.2 79.8#  
182 0.0 2.3 3.5#



#63  
Azobenzene  
Concen: 9.998 ng  
RT: 16.261 min Scan# 2208  
Delta R.T. 0.018 min  
Lab File: BG056306.D  
Acq: 16 Jan 2023 21:35

Tgt Ion: 77 Resp: 80145  
Ion Ratio Lower Upper  
77 100  
182 124.3 18.5 58.5#  
105 156.7 1.4 41.4#  
51 26.1 1.5 41.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.665 min Scan# 2449

Delta R.T. 0.001 min

Lab File: BG056306.D

Acq: 16 Jan 2023 21:35

Instrument :

BNA\_G

ClientSampleId :

COMPOSITE-1

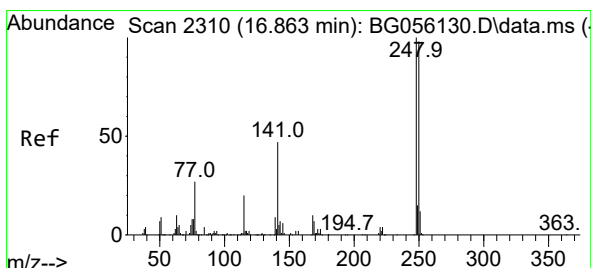
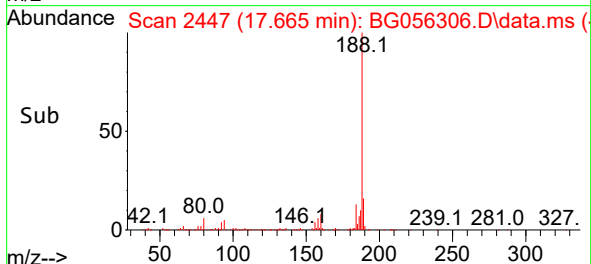
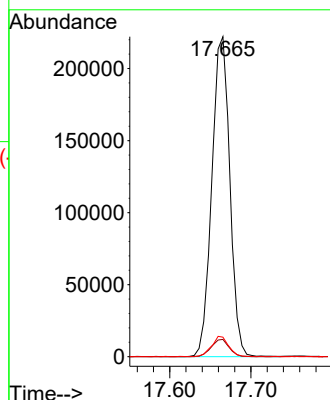
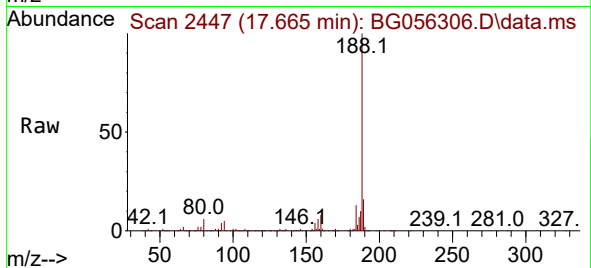
Tgt Ion:188 Resp: 341284

Ion Ratio Lower Upper

188 100

94 5.4 4.2 6.2

80 6.1 5.0 7.4



#67

4-Bromophenyl-phenylether

Concen: 3.366 ng

RT: 16.402 min Scan# 2232

Delta R.T. -0.446 min

Lab File: BG056306.D

Acq: 16 Jan 2023 21:35

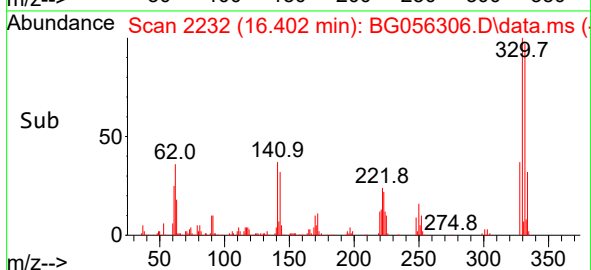
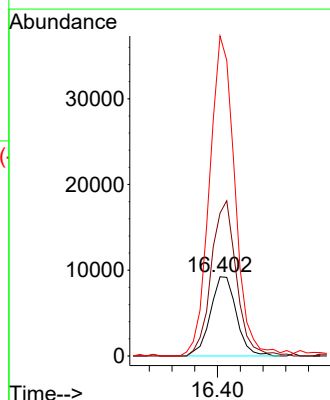
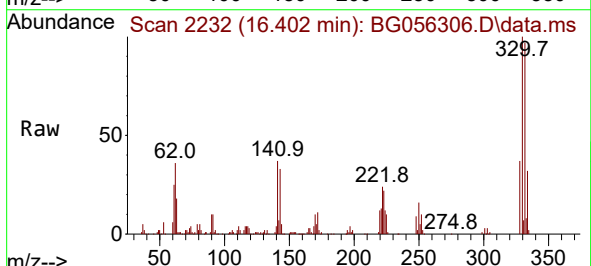
Tgt Ion:248 Resp: 14630

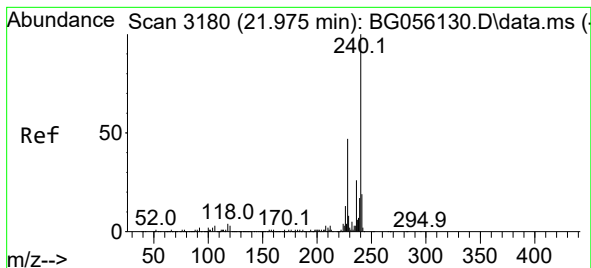
Ion Ratio Lower Upper

248 100

250 180.5 78.2 117.4#

141 404.4 37.6 56.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.954 min Scan# 3177

Delta R.T. -0.005 min

Lab File: BG056306.D

Acq: 16 Jan 2023 21:35

Instrument :

BNA\_G

ClientSampleId :

COMPOSITE-1

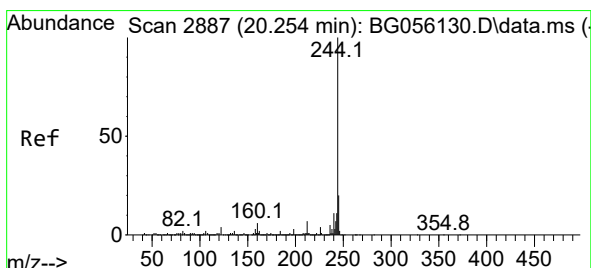
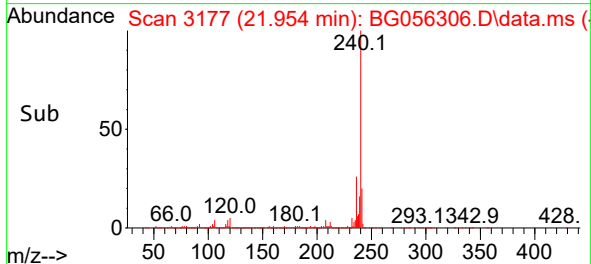
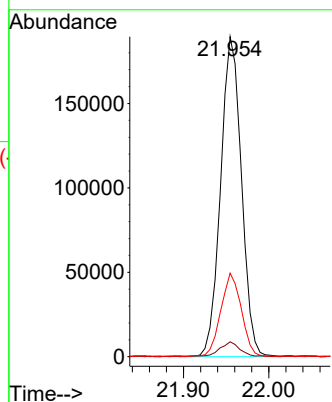
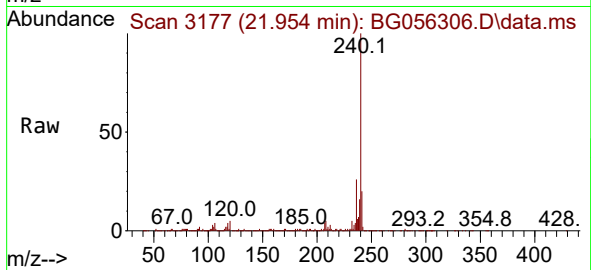
Tgt Ion:240 Resp: 322109

Ion Ratio Lower Upper

240 100

120 4.6 2.6 4.0#

236 26.1 20.8 31.2



#79

Terphenyl-d14

Concen: 66.488 ng

RT: 20.239 min Scan# 2885

Delta R.T. 0.001 min

Lab File: BG056306.D

Acq: 16 Jan 2023 21:35

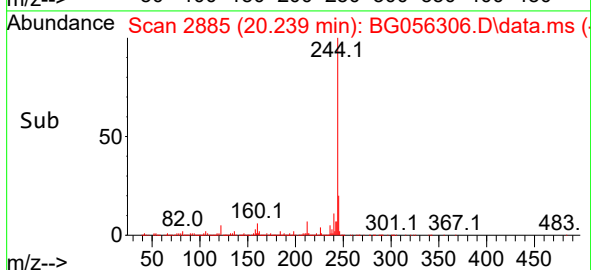
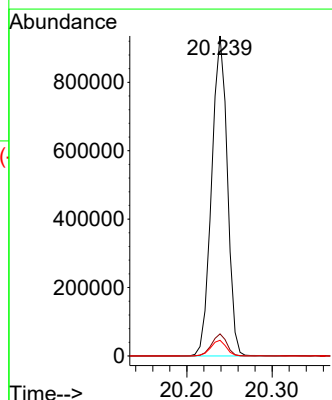
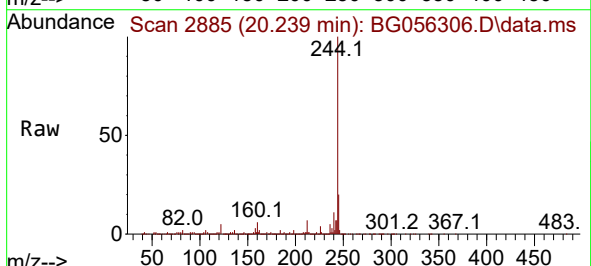
Tgt Ion:244 Resp: 1195752

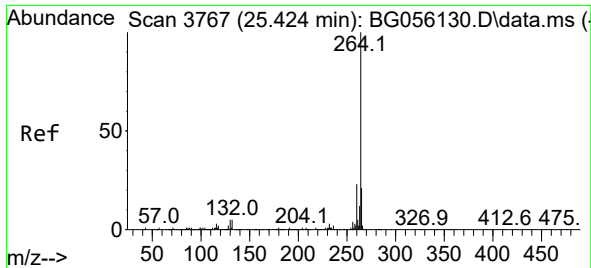
Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

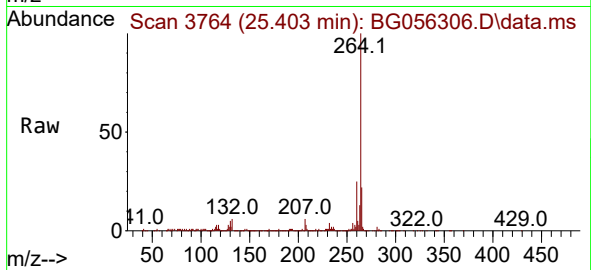
122 4.9 3.5 5.3





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.403 min Scan# 31  
 Delta R.T. 0.001 min  
 Lab File: BG056306.D  
 Acq: 16 Jan 2023 21:35

Instrument :  
 BNA\_G  
 ClientSampleId :  
 COMPOSITE-1



Tgt Ion:264 Resp: 352879  
 Ion Ratio Lower Upper  
 264 100  
 260 24.5 18.6 28.0  
 265 21.9 16.7 25.1

