

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG102622\  
 Data File : BG055309.D  
 Acq On : 26 Oct 2022 22:00  
 Operator : CG/JU  
 Sample : N5218-21  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SP-3

Quant Time: Oct 27 10:43:25 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG102422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 24 16:54:05 2022  
 Response via : Initial Calibration

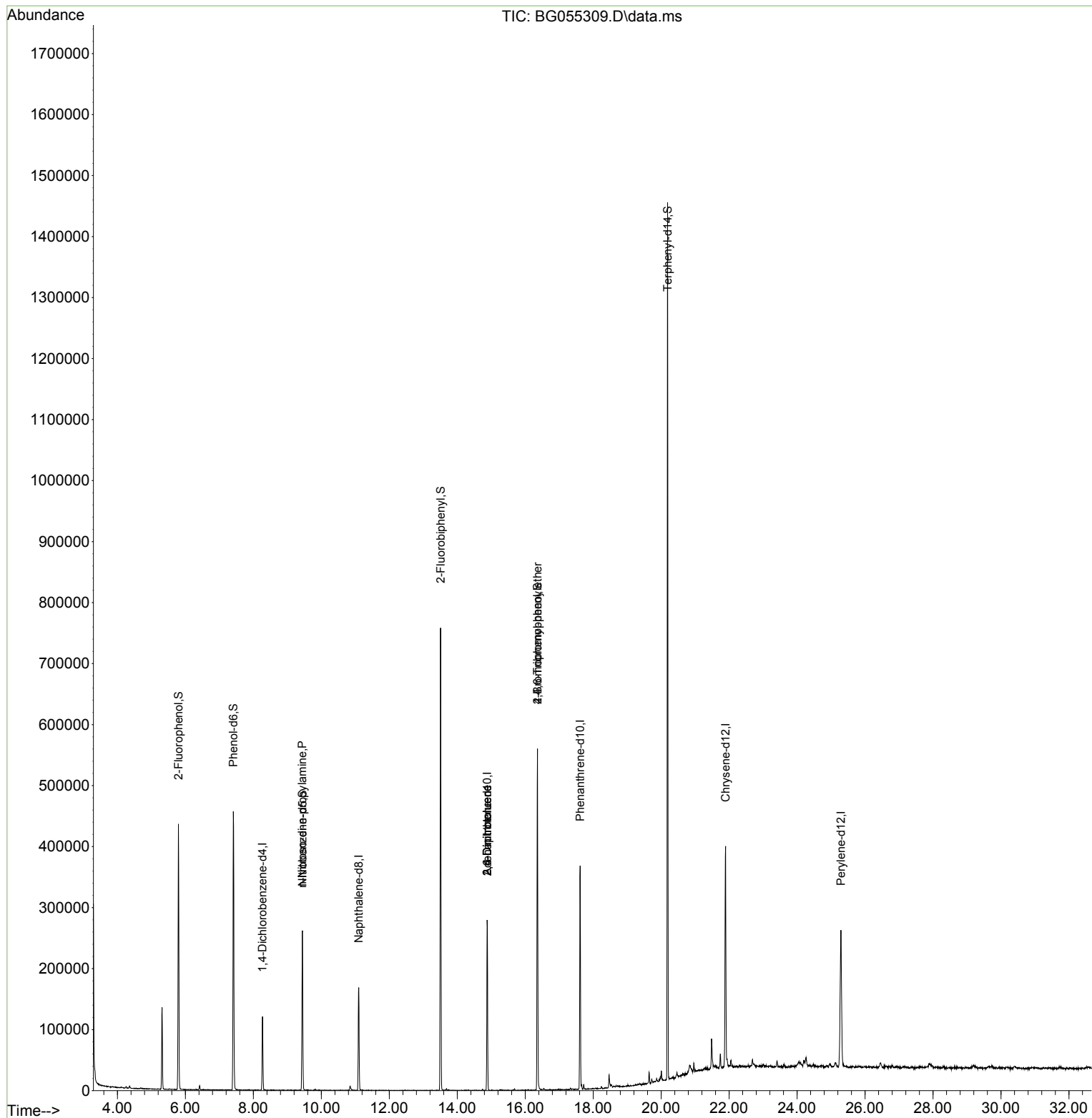
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.270  | 152  | 34820    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.102 | 136  | 146680   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.880 | 164  | 100398   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.618 | 188  | 229071   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.895 | 240  | 224275   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 25.291 | 264  | 235282   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.796  | 112  | 198153   | 99.644  | ng    | 0.00     |
| 7) Phenol-d6                  | 7.412  | 99   | 280626   | 97.405  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.445  | 82   | 168262   | 58.577  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.360 | 330  | 110244   | 101.010 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.511 | 172  | 388732   | 63.374  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.191 | 244  | 696196   | 64.496  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 9.439  | 70   | 22255    | 9.302   | ng    | # 76     |
| 51) 2,6-Dinitrotoluene        | 14.880 | 165  | 13392    | 8.349   | ng    | # 21     |
| 57) 2,4-Dinitrotoluene        | 14.880 | 165  | 13392    | 5.753   | ng    | # 19     |
| 67) 4-Bromophenyl-phenylether | 16.360 | 248  | 7240     | 3.253   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

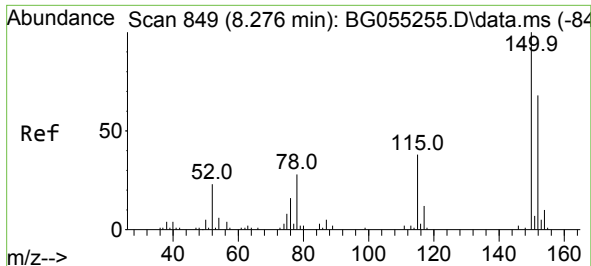
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG102622\  
Data File : BG055309.D  
Acq On : 26 Oct 2022 22:00  
Operator : CG/JU  
Sample : N5218-21  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SP-3

Quant Time: Oct 27 10:43:25 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG102422.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 24 16:54:05 2022  
Response via : Initial Calibration

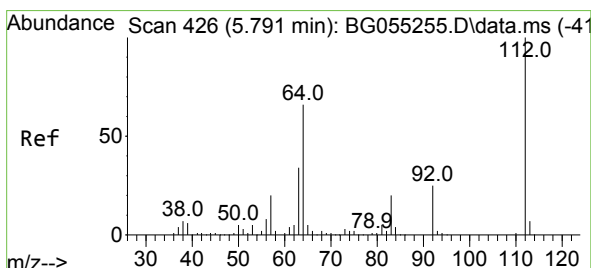
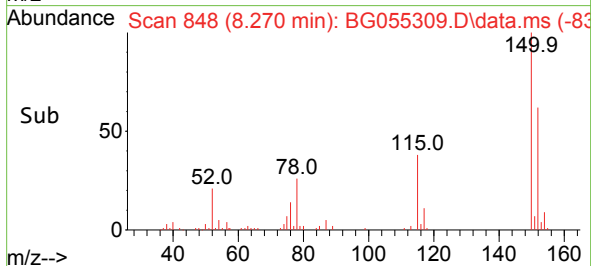
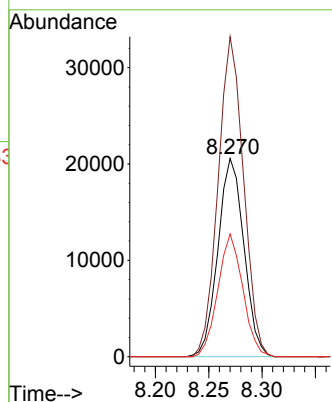
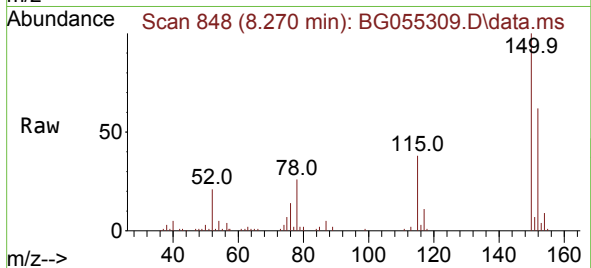




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.270 min Scan# 84  
Delta R.T. -0.006 min  
Lab File: BG055309.D  
Acq: 26 Oct 2022 22:00

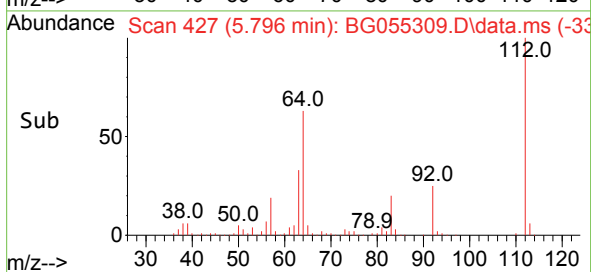
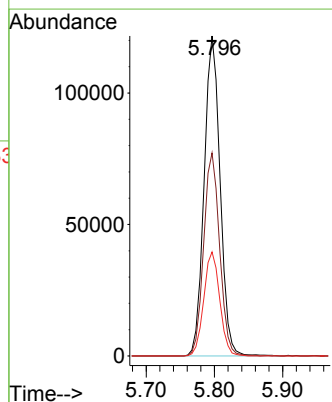
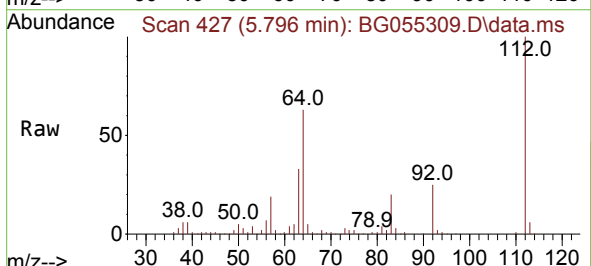
Instrument :  
BNA\_G  
ClientSampleId :  
SP-3

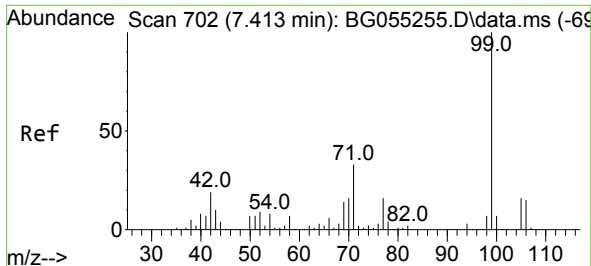
Tgt Ion:152 Resp: 34820  
Ion Ratio Lower Upper  
152 100  
150 161.5 118.2 177.4  
115 61.9 44.5 66.7



#5  
2-Fluorophenol  
Concen: 99.644 ng  
RT: 5.796 min Scan# 427  
Delta R.T. 0.005 min  
Lab File: BG055309.D  
Acq: 26 Oct 2022 22:00

Tgt Ion:112 Resp: 198153  
Ion Ratio Lower Upper  
112 100  
64 63.4 52.6 78.8  
63 32.5 27.1 40.7

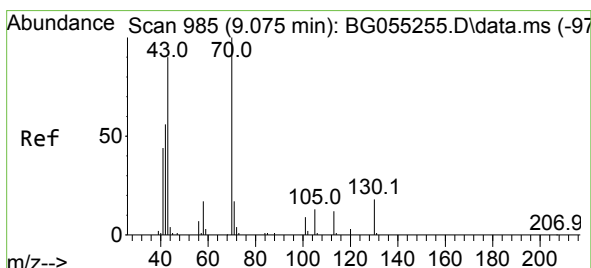
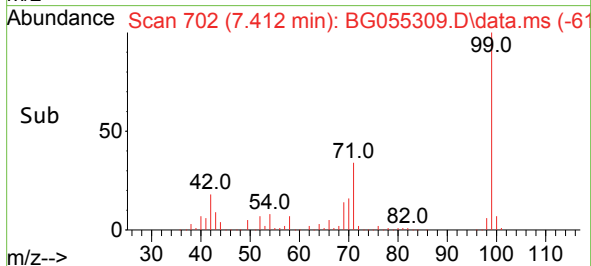
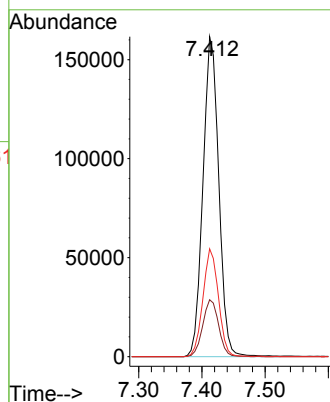
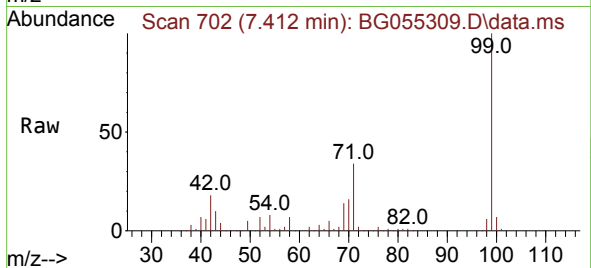




#7  
Phenol-d6  
Concen: 97.405 ng  
RT: 7.412 min Scan# 702  
Delta R.T. -0.000 min  
Lab File: BG055309.D  
Acq: 26 Oct 2022 22:00

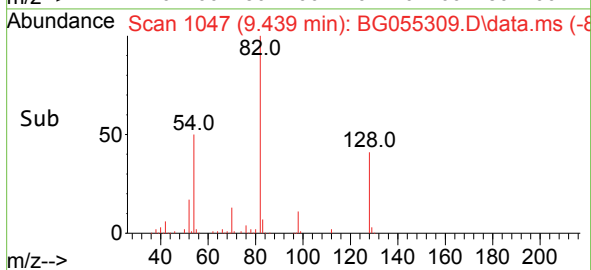
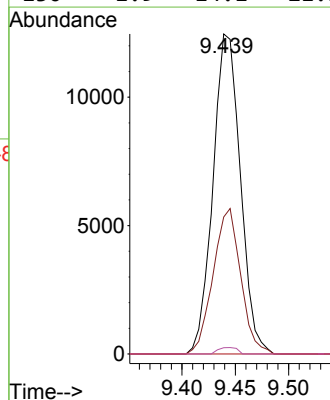
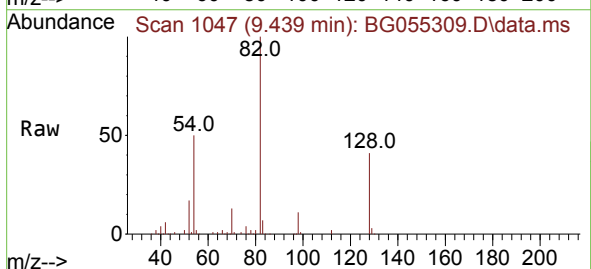
Instrument :  
BNA\_G  
ClientSampleId :  
SP-3

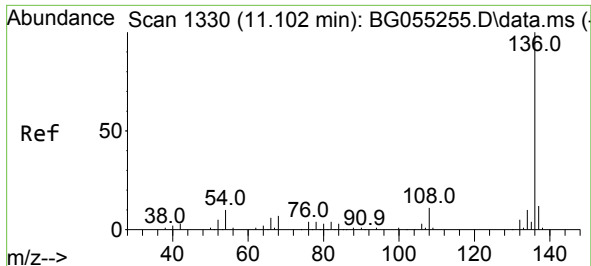
Tgt Ion: 99 Resp: 280626  
Ion Ratio Lower Upper  
99 100  
42 17.8 15.2 22.8  
71 33.7 26.2 39.4



#19  
n-Nitroso-di-n-propylamine  
Concen: 9.302 ng  
RT: 9.439 min Scan# 1047  
Delta R.T. 0.364 min  
Lab File: BG055309.D  
Acq: 26 Oct 2022 22:00

Tgt Ion: 70 Resp: 22255  
Ion Ratio Lower Upper  
70 100  
42 42.8 45.8 68.6#  
101 0.0 7.4 11.0#  
130 1.9 14.1 21.1#

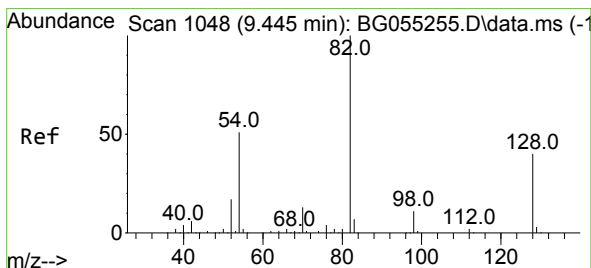
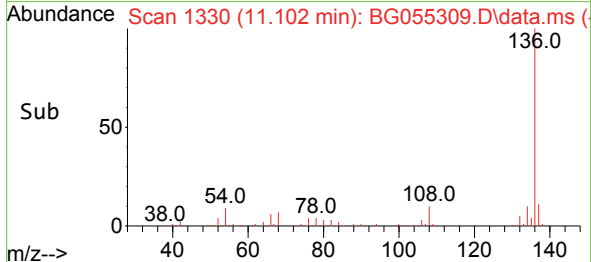
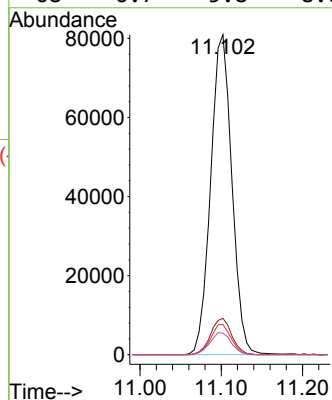
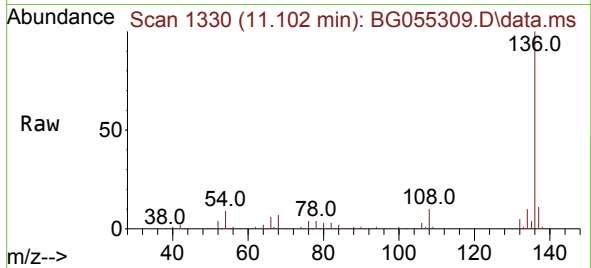




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.102 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BG055309.D  
Acq: 26 Oct 2022 22:00

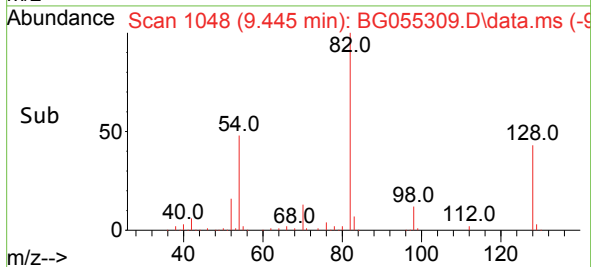
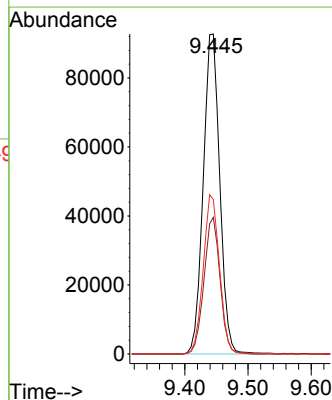
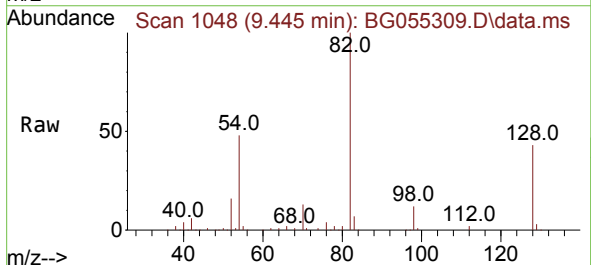
Instrument :  
BNA\_G  
ClientSampleId :  
SP-3

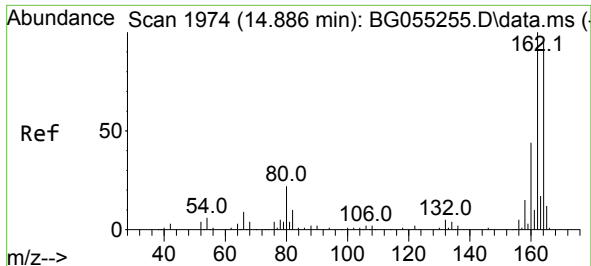
|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:136 | Resp: | 146680 |
| Ion | Ratio   | Lower | Upper  |
| 136 | 100     |       |        |
| 137 | 11.4    | 9.2   | 13.8   |
| 54  | 9.5     | 7.8   | 11.8   |
| 68  | 6.7     | 5.8   | 8.6    |



#23  
Nitrobenzene-d5  
Concen: 58.577 ng  
RT: 9.445 min Scan# 1048  
Delta R.T. -0.000 min  
Lab File: BG055309.D  
Acq: 26 Oct 2022 22:00

|             |              |
|-------------|--------------|
| Tgt Ion: 82 | Resp: 168262 |
| Ion Ratio   | Lower Upper  |
| 82 100      |              |
| 128 42.7    | 32.0 48.0    |
| 54 48.3     | 40.9 61.3    |

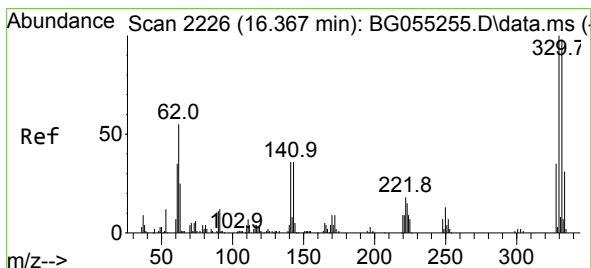
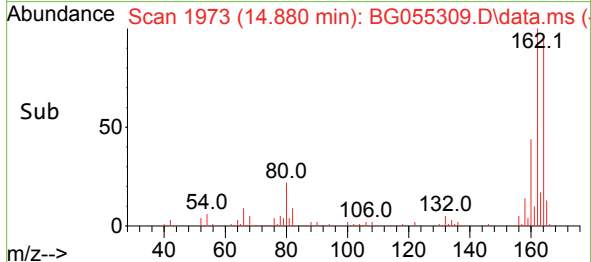
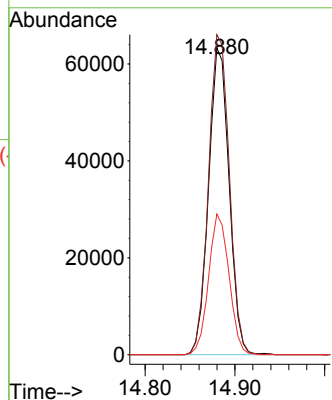
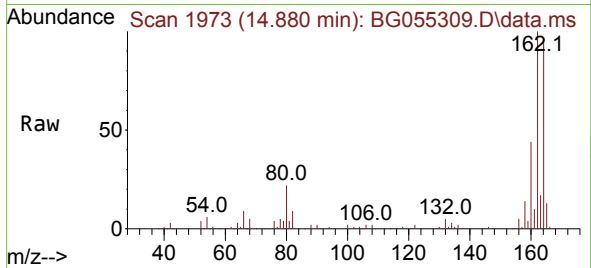




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.880 min Scan# 1974  
Delta R.T. -0.006 min  
Lab File: BG055309.D  
Acq: 26 Oct 2022 22:00

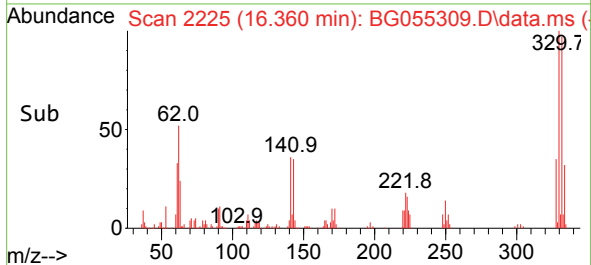
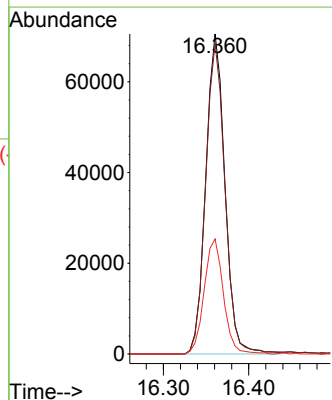
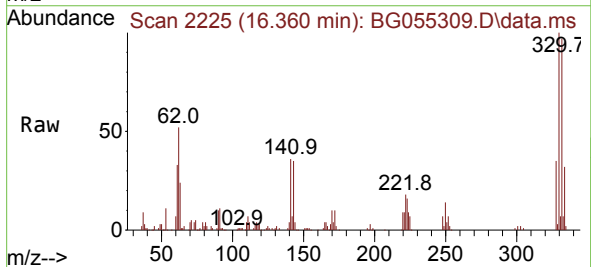
Instrument :  
BNA\_G  
ClientSampleId :  
SP-3

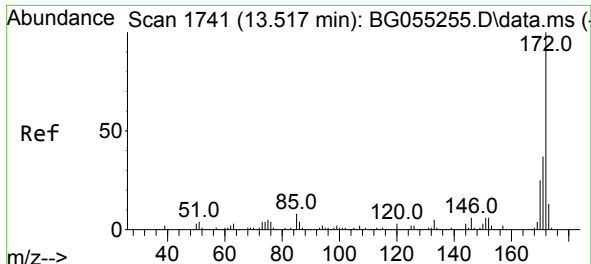
Tgt Ion:164 Resp: 100398  
Ion Ratio Lower Upper  
164 100  
162 104.3 84.0 126.0  
160 45.8 36.7 55.1



#42  
2,4,6-Tribromophenol  
Concen: 101.010 ng  
RT: 16.360 min Scan# 2225  
Delta R.T. -0.006 min  
Lab File: BG055309.D  
Acq: 26 Oct 2022 22:00

Tgt Ion:330 Resp: 110244  
Ion Ratio Lower Upper  
330 100  
332 97.4 77.4 116.0  
141 36.0 29.8 44.8

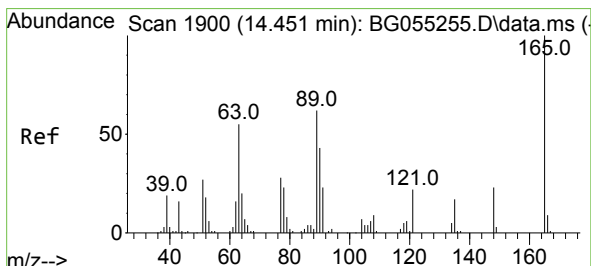
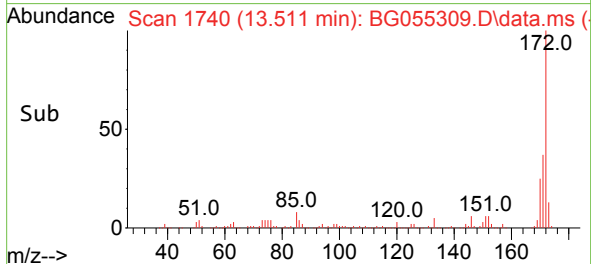
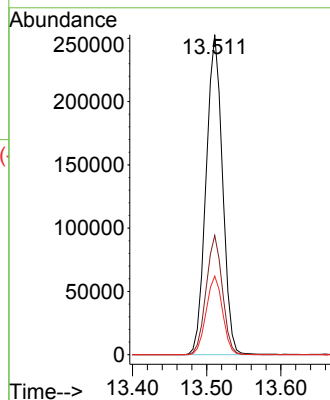
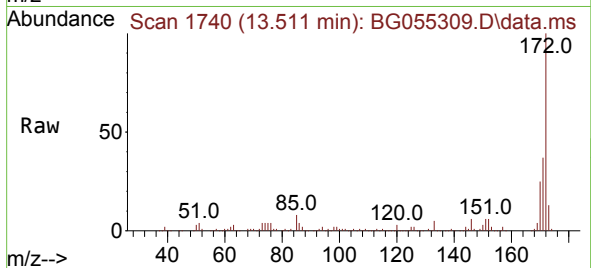




#45  
2-Fluorobiphenyl  
Concen: 63.374 ng  
RT: 13.511 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BG055309.D  
Acq: 26 Oct 2022 22:00

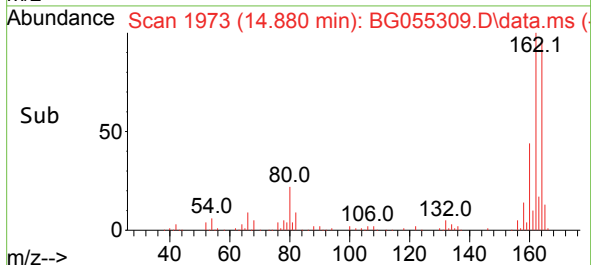
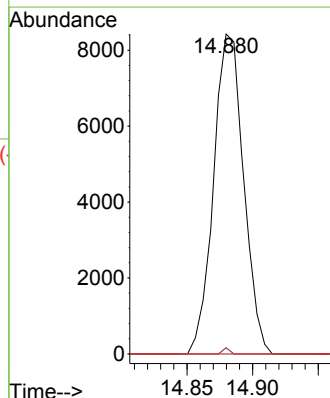
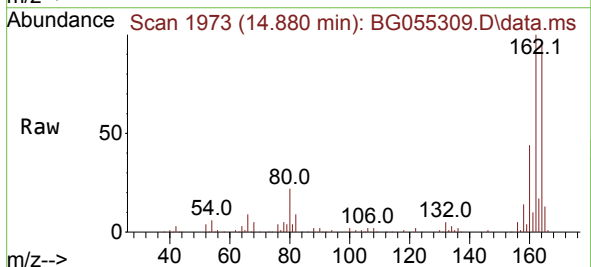
Instrument :  
BNA\_G  
ClientSampleId :  
SP-3

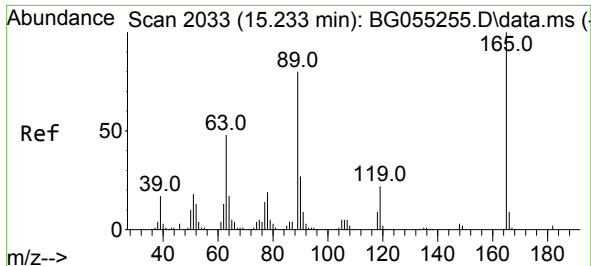
Tgt Ion:172 Resp: 388732  
Ion Ratio Lower Upper  
172 100  
171 37.2 29.7 44.5  
170 24.6 20.2 30.2



#51  
2,6-Dinitrotoluene  
Concen: 8.349 ng  
RT: 14.880 min Scan# 1973  
Delta R.T. 0.428 min  
Lab File: BG055309.D  
Acq: 26 Oct 2022 22:00

Tgt Ion:165 Resp: 13392  
Ion Ratio Lower Upper  
165 100  
63 1.9 49.2 73.8#  
89 0.0 49.9 74.9#





#57

2,4-Dinitrotoluene

Concen: 5.753 ng

RT: 14.880 min Scan# 1973

Delta R.T. -0.353 min

Lab File: BG055309.D

Acq: 26 Oct 2022 22:00

Instrument :

BNA\_G

ClientSampleId :

SP-3

Tgt Ion:165 Resp: 13392

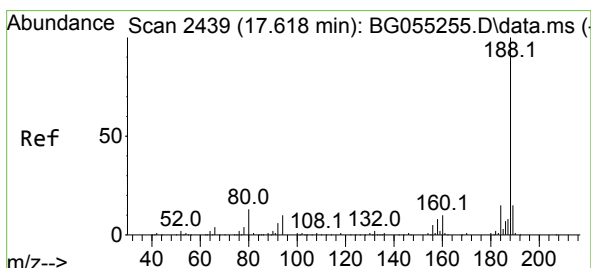
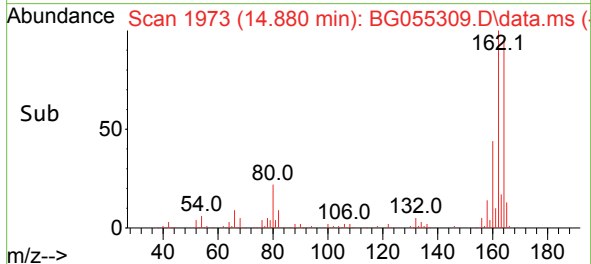
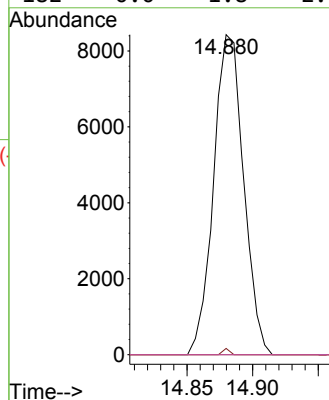
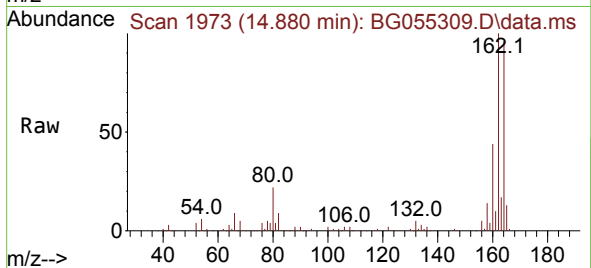
Ion Ratio Lower Upper

165 100

63 1.9 38.9 58.3#

89 0.0 64.2 96.4#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.618 min Scan# 2439

Delta R.T. -0.000 min

Lab File: BG055309.D

Acq: 26 Oct 2022 22:00

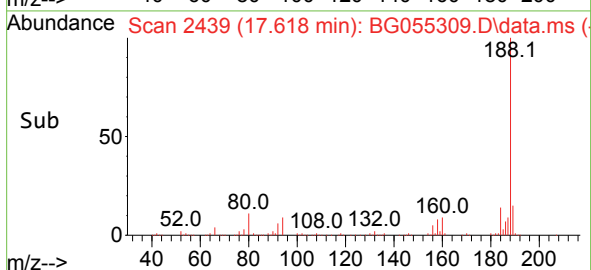
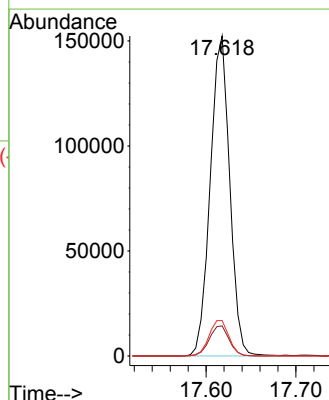
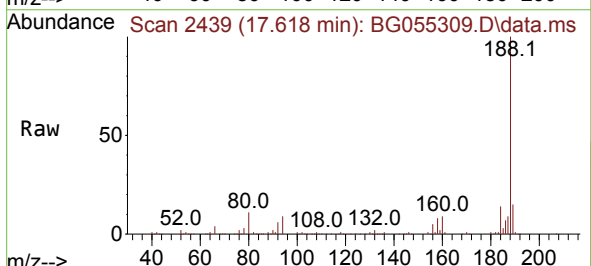
Tgt Ion:188 Resp: 229071

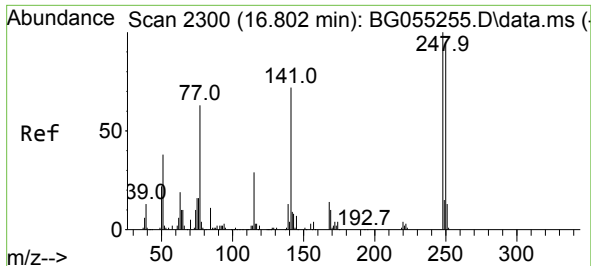
Ion Ratio Lower Upper

188 100

94 9.4 8.2 12.4

80 11.1 10.1 15.1

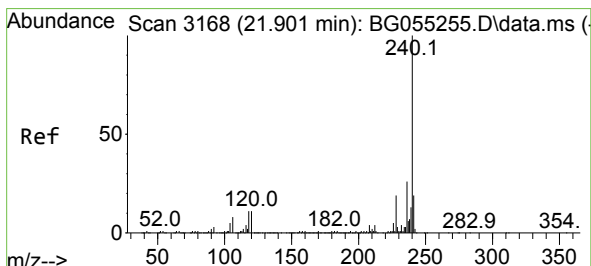
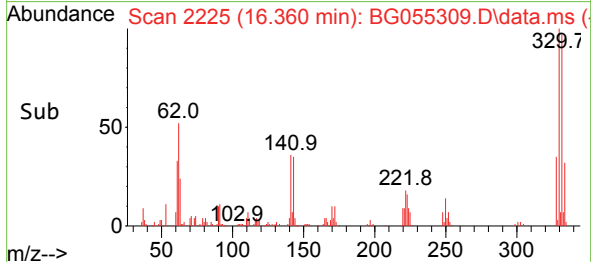
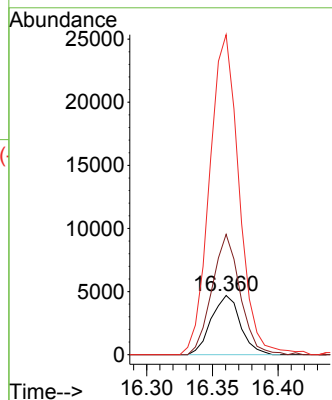
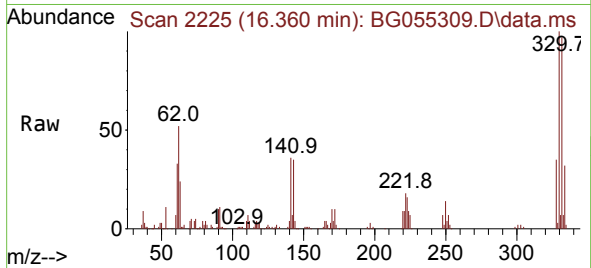




#67  
4-Bromophenyl-phenylether  
Concen: 3.253 ng  
RT: 16.360 min Scan# 21  
Delta R.T. -0.441 min  
Lab File: BG055309.D  
Acq: 26 Oct 2022 22:00

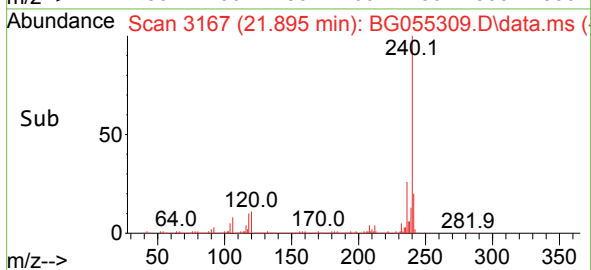
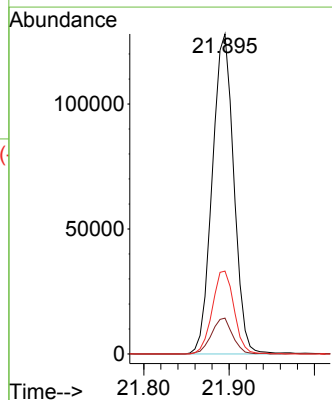
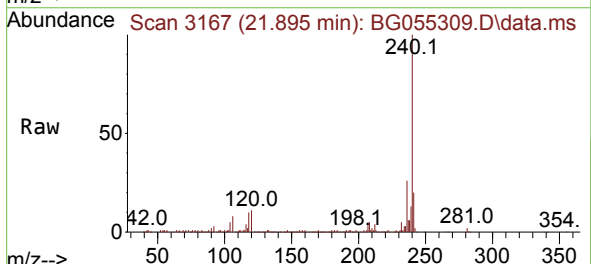
Instrument :  
BNA\_G  
ClientSampleId :  
SP-3

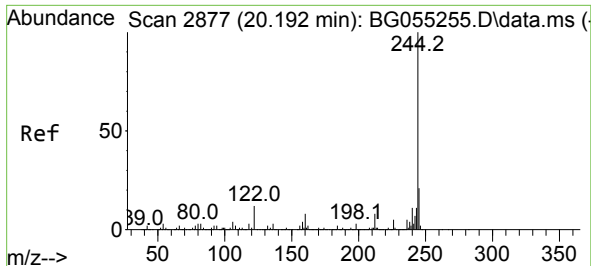
Tgt Ion:248 Resp: 7240  
Ion Ratio Lower Upper  
248 100  
250 203.0 76.0 114.0#  
141 540.2 58.0 87.0#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.895 min Scan# 3167  
Delta R.T. -0.006 min  
Lab File: BG055309.D  
Acq: 26 Oct 2022 22:00

Tgt Ion:240 Resp: 224275  
Ion Ratio Lower Upper  
240 100  
120 11.2 8.9 13.3  
236 25.9 21.0 31.4

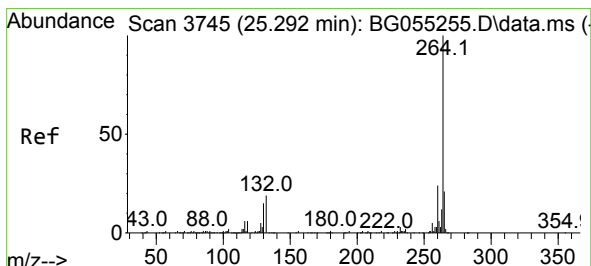
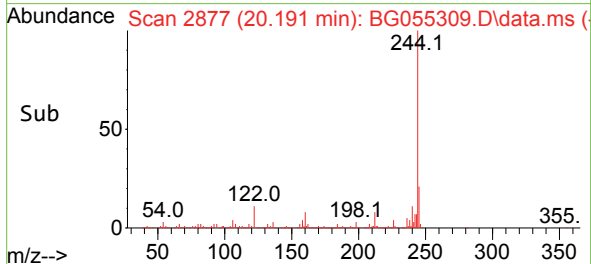
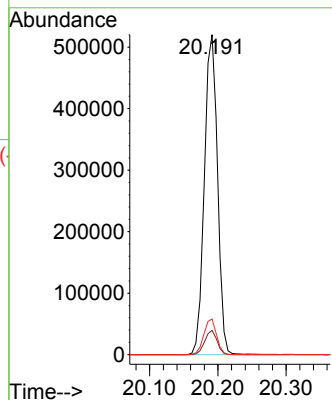
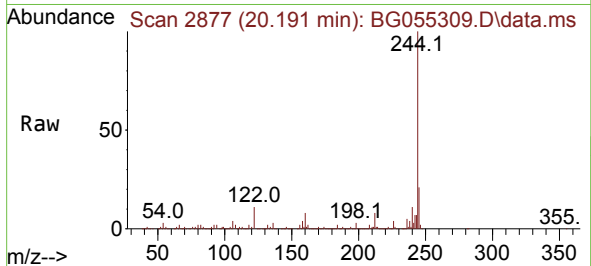




#79  
 Terphenyl-d14  
 Concen: 64.496 ng  
 RT: 20.191 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BG055309.D  
 Acq: 26 Oct 2022 22:00

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SP-3

Tgt Ion:244 Resp: 696196  
 Ion Ratio Lower Upper  
 244 100  
 212 7.6 6.0 9.0  
 122 11.2 9.6 14.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.291 min Scan# 3745  
 Delta R.T. -0.000 min  
 Lab File: BG055309.D  
 Acq: 26 Oct 2022 22:00

Tgt Ion:264 Resp: 235282  
 Ion Ratio Lower Upper  
 264 100  
 260 24.3 19.5 29.3  
 265 20.9 17.4 26.2

