

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090524\  
 Data File : BG062669.D  
 Acq On : 5 Sep 2024 16:31  
 Operator : MA/JU  
 Sample : PB163138BL  
 Misc : MDL-WATER-8 ng  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB163138BL

Quant Time: Sep 05 17:48:51 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG083024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Aug 31 02:36:01 2024  
 Response via : Initial Calibration

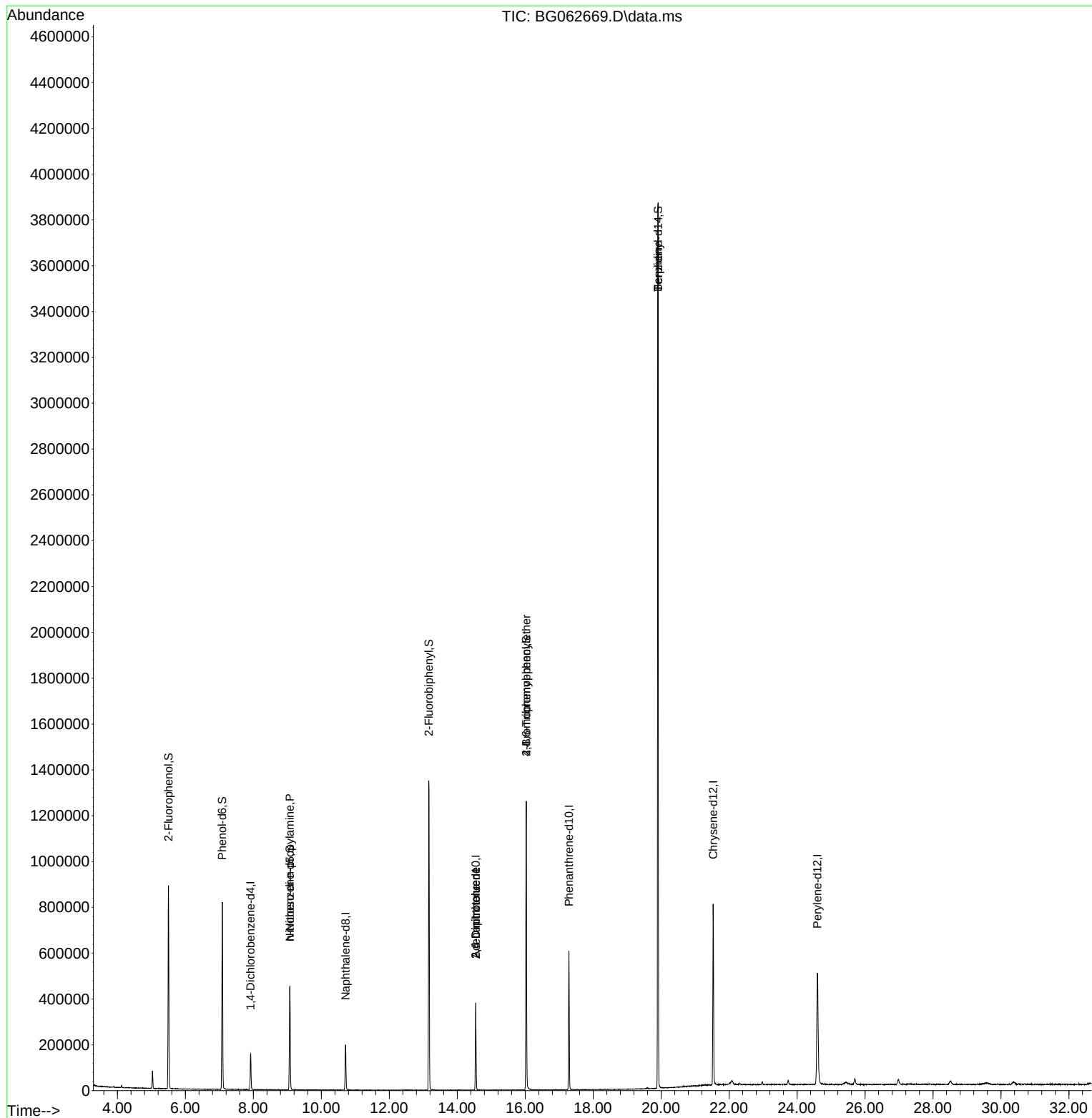
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.917  | 152  | 45157    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.714 | 136  | 170932   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.545 | 164  | 134891   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.288 | 188  | 399629   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.530 | 240  | 482411   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.597 | 264  | 550716   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.502  | 112  | 360806   | 138.111 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.083  | 99   | 466162   | 123.518 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.074  | 82   | 284428   | 89.616  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.031 | 330  | 269933   | 142.194 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.164 | 172  | 726325   | 87.218  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.909 | 244  | 2085294  | 85.711  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 9.074  | 70   | 36056    | 12.124  | ng    | # 78     |
| 51) 2,6-Dinitrotoluene        | 14.545 | 165  | 17800    | 9.541   | ng    | # 24     |
| 57) 2,4-Dinitrotoluene        | 14.545 | 165  | 17800    | 6.993   | ng    | # 24     |
| 67) 4-Bromophenyl-phenylether | 16.031 | 248  | 16270    | 3.945   | ng    | # 1      |
| 77) Benzydine                 | 19.909 | 184  | 31305    | 3.600   | ng    | # 94     |
| -----                         |        |      |          |         |       |          |

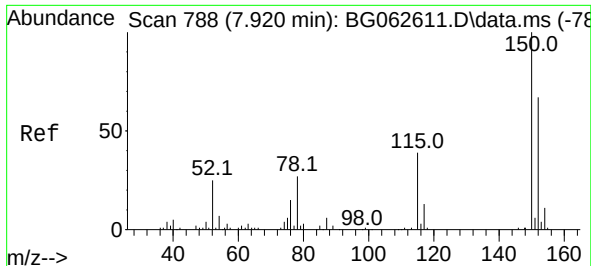
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090524\  
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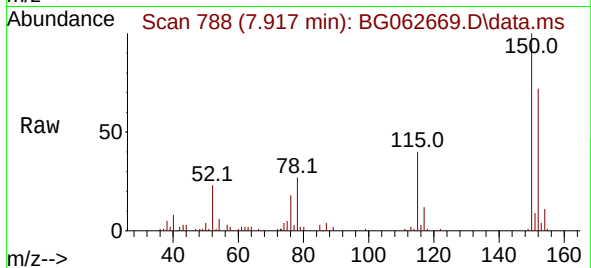
Quant Time: Sep 05 17:48:51 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG083024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Aug 31 02:36:01 2024  
Response via : Initial Calibration



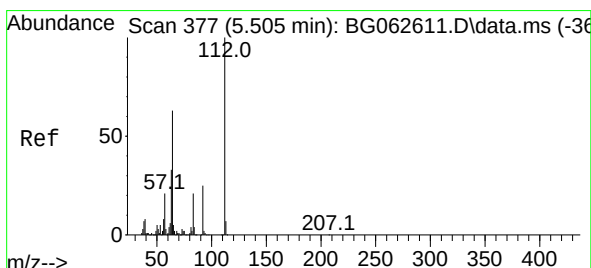
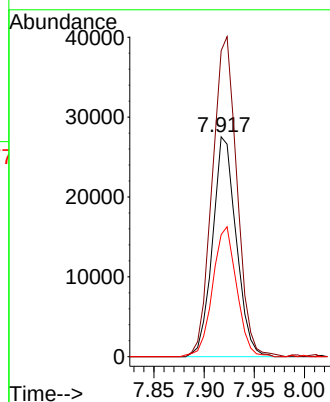
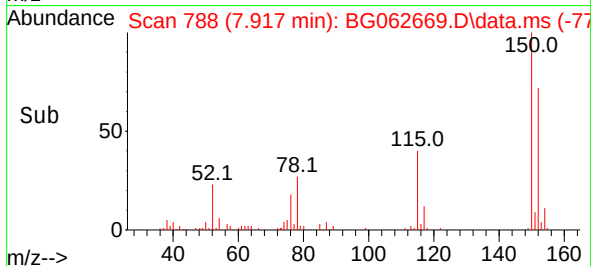


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.917 min Scan# 71  
Delta R.T. -0.003 min  
Lab File: BG062669.D  
Acq: 5 Sep 2024 16:31

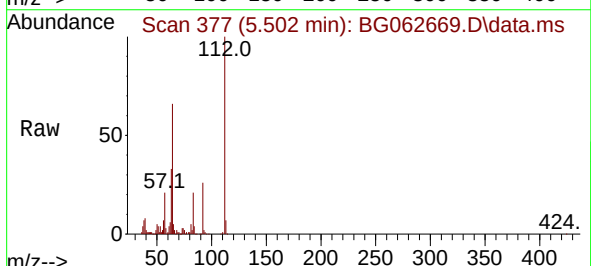
Instrument :  
BNA\_G  
ClientSampleId :  
PB163138BL



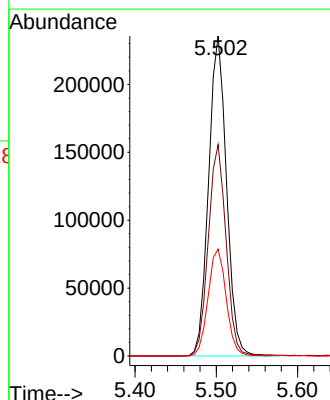
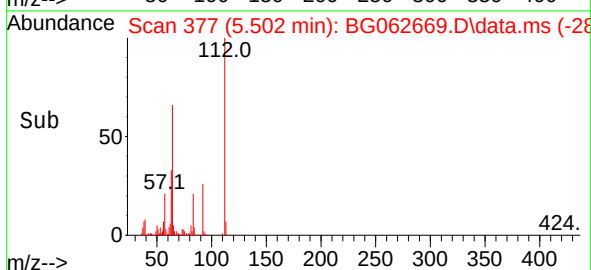
Tgt Ion:152 Resp: 45157  
Ion Ratio Lower Upper  
152 100  
150 139.1 119.9 179.9  
115 55.5 46.6 69.8

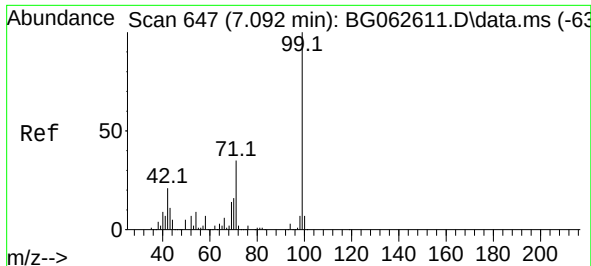


#5  
2-Fluorophenol  
Concen: 138.111 ng  
RT: 5.502 min Scan# 377  
Delta R.T. -0.003 min  
Lab File: BG062669.D  
Acq: 5 Sep 2024 16:31



Tgt Ion:112 Resp: 360806  
Ion Ratio Lower Upper  
112 100  
64 66.0 50.2 75.2  
63 33.4 26.6 39.8

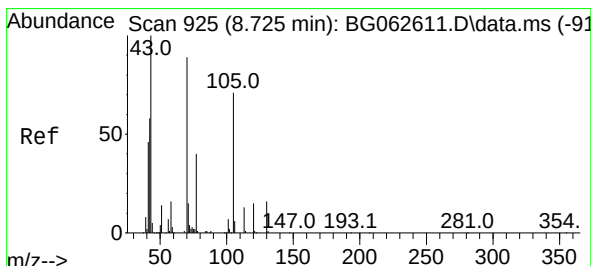
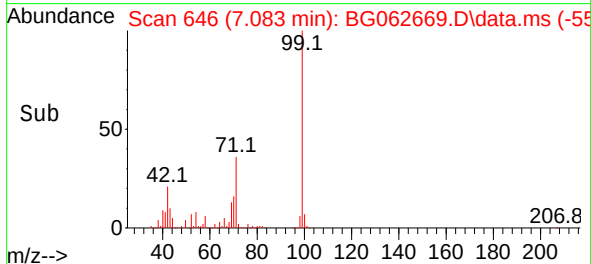
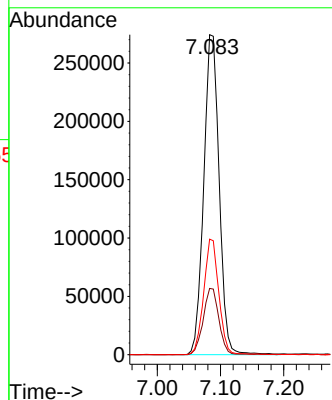
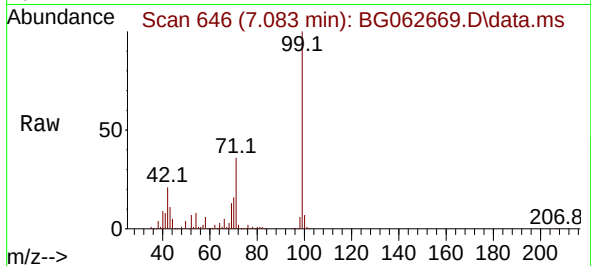




#7  
Phenol-d6  
Concen: 123.518 ng  
RT: 7.083 min Scan# 64  
Delta R.T. -0.009 min  
Lab File: BG062669.D  
Acq: 5 Sep 2024 16:31

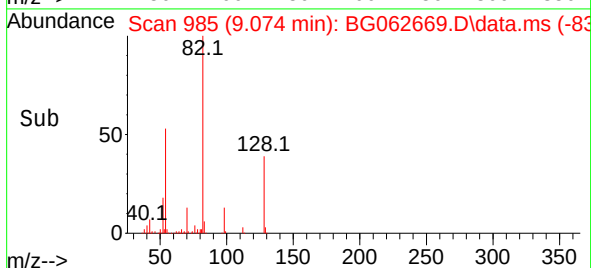
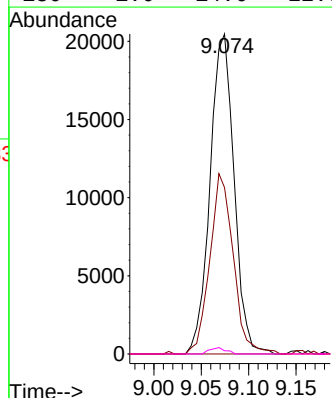
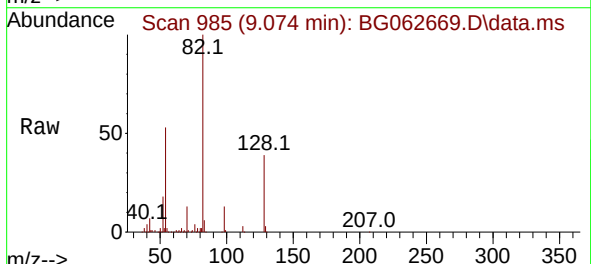
Instrument :  
BNA\_G  
ClientSampleId :  
PB163138BL

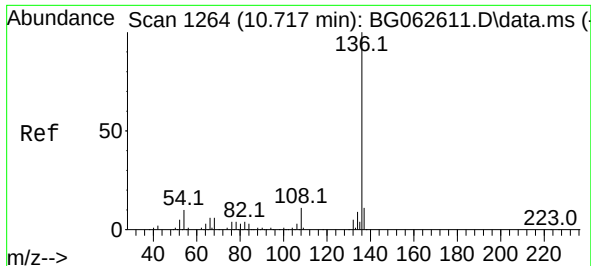
Tgt Ion: 99 Resp: 466162  
Ion Ratio Lower Upper  
99 100  
42 20.7 16.9 25.3  
71 36.1 27.9 41.9



#19  
n-Nitroso-di-n-propylamine  
Concen: 12.124 ng  
RT: 9.074 min Scan# 985  
Delta R.T. 0.349 min  
Lab File: BG062669.D  
Acq: 5 Sep 2024 16:31

Tgt Ion: 70 Resp: 36056  
Ion Ratio Lower Upper  
70 100  
42 52.0 52.3 78.5#  
101 0.0 6.6 9.8#  
130 1.0 14.6 22.0#



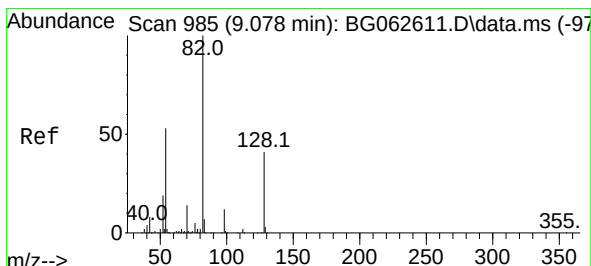
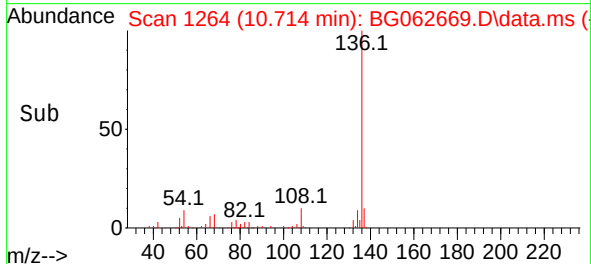
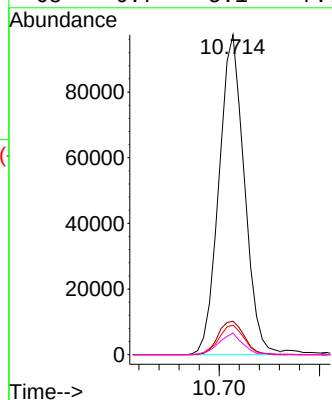
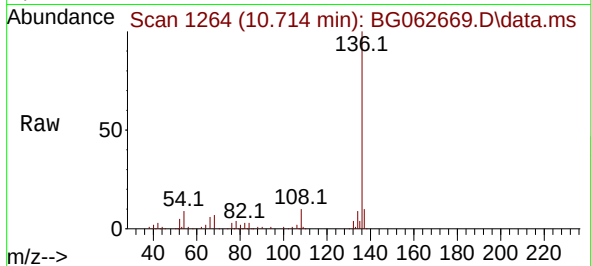


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.714 min Scan# 1264  
Delta R.T. -0.003 min  
Lab File: BG062669.D  
Acq: 5 Sep 2024 16:31

Instrument :  
BNA\_G  
ClientSampleId :  
PB163138BL

Tgt Ion:136 Resp: 170932

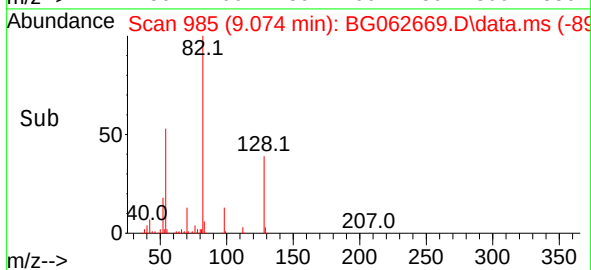
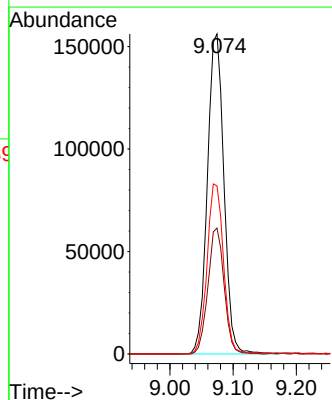
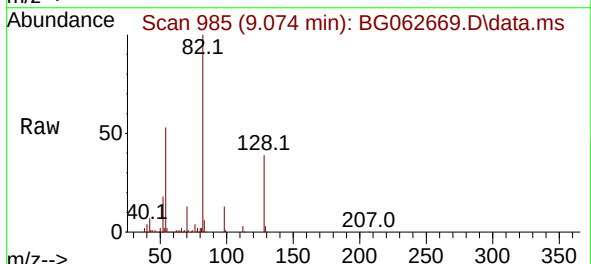
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.4  | 9.0   | 13.4  |
| 54  | 9.3   | 7.8   | 11.6  |
| 68  | 6.7   | 5.1   | 7.7   |

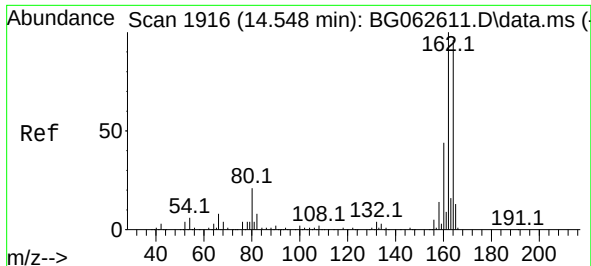


#23  
Nitrobenzene-d5  
Concen: 89.616 ng  
RT: 9.074 min Scan# 985  
Delta R.T. -0.003 min  
Lab File: BG062669.D  
Acq: 5 Sep 2024 16:31

Tgt Ion: 82 Resp: 284428

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 39.3  | 32.5  | 48.7  |
| 54  | 52.5  | 42.5  | 63.7  |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.545 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG062669.D

Acq: 5 Sep 2024 16:31

Instrument :

BNA\_G

ClientSampleId :

PB163138BL

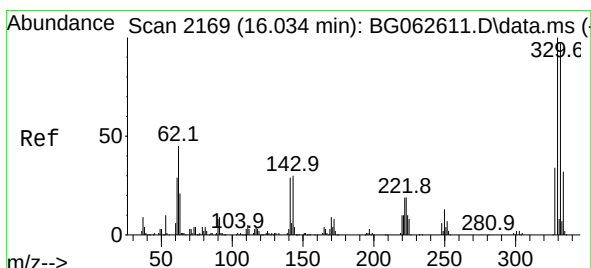
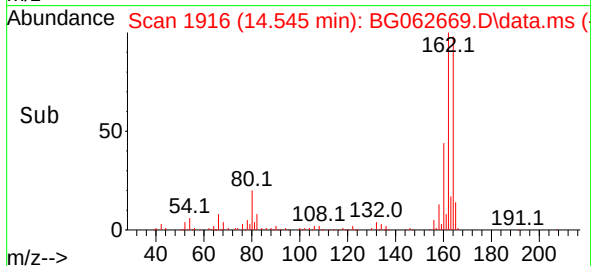
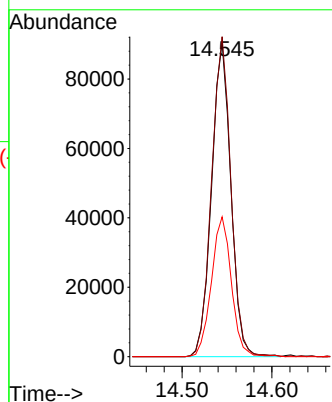
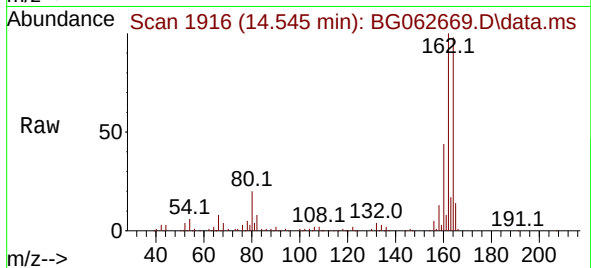
Tgt Ion:164 Resp: 134891

Ion Ratio Lower Upper

164 100

162 102.1 83.1 124.7

160 44.6 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 142.194 ng

RT: 16.031 min Scan# 2169

Delta R.T. -0.003 min

Lab File: BG062669.D

Acq: 5 Sep 2024 16:31

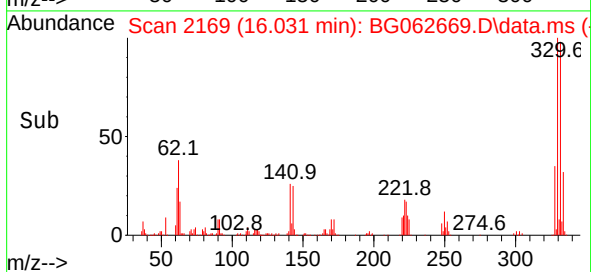
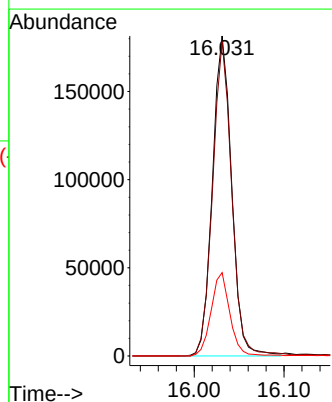
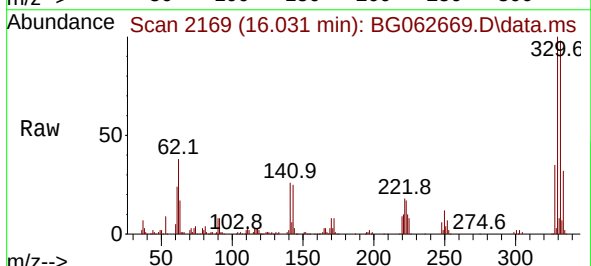
Tgt Ion:330 Resp: 269933

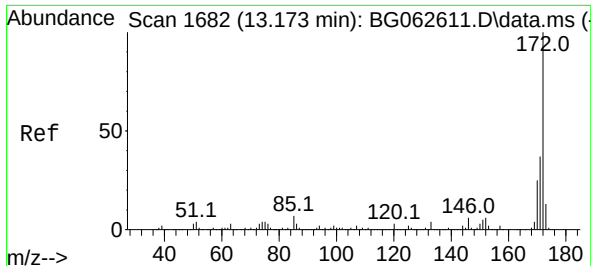
Ion Ratio Lower Upper

330 100

332 97.5 77.2 115.8

141 25.6 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 87.218 ng

RT: 13.164 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG062669.D

Acq: 5 Sep 2024 16:31

Instrument :

BNA\_G

ClientSampleId :

PB163138BL

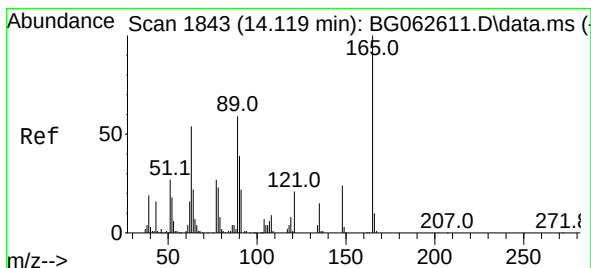
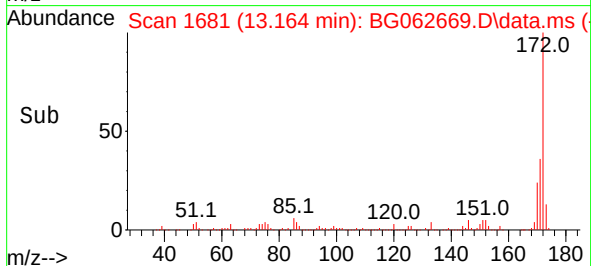
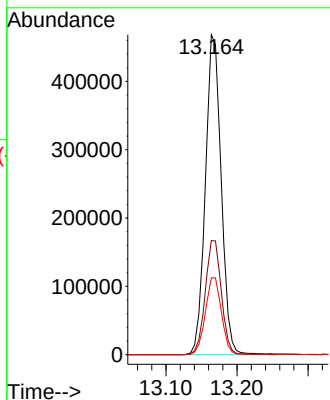
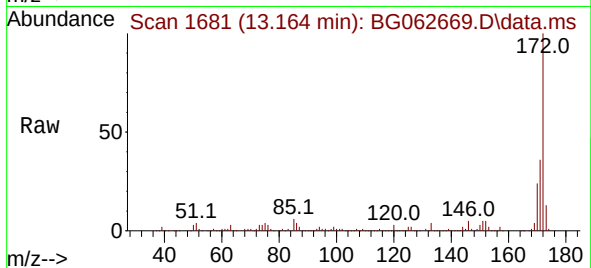
Tgt Ion:172 Resp: 726325

Ion Ratio Lower Upper

172 100

171 35.7 29.7 44.5

170 24.0 20.0 30.0



#51

2,6-Dinitrotoluene

Concen: 9.541 ng

RT: 14.545 min Scan# 1916

Delta R.T. 0.426 min

Lab File: BG062669.D

Acq: 5 Sep 2024 16:31

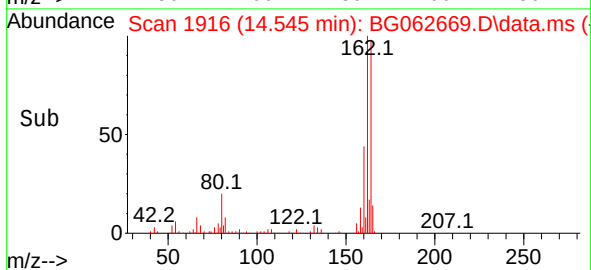
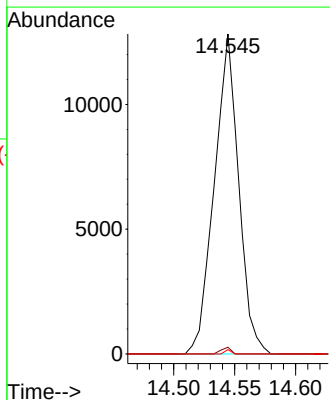
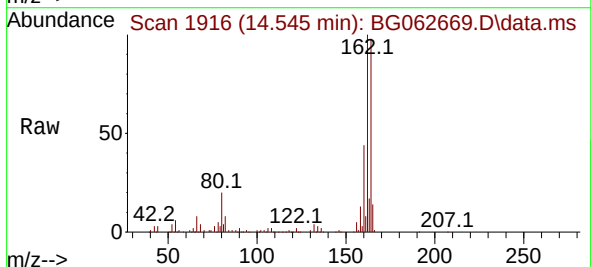
Tgt Ion:165 Resp: 17800

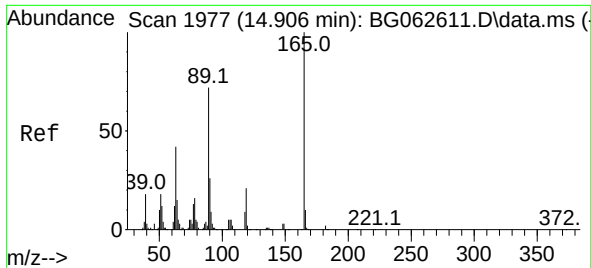
Ion Ratio Lower Upper

165 100

63 2.1 46.6 69.8#

89 1.3 47.2 70.8#

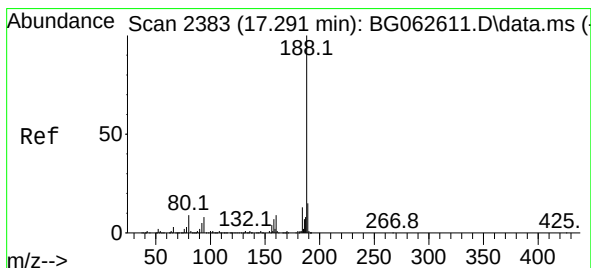
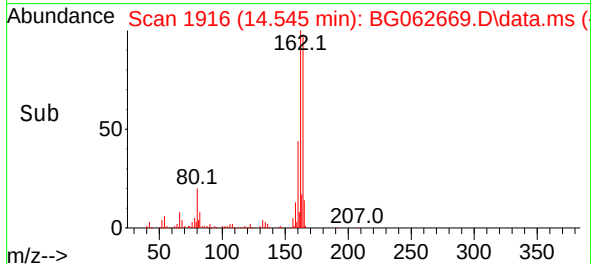
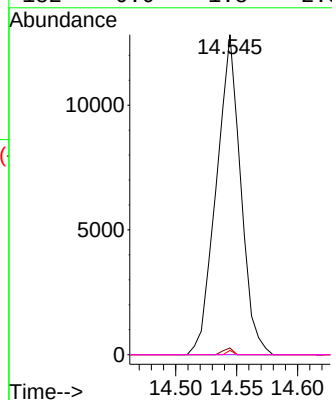
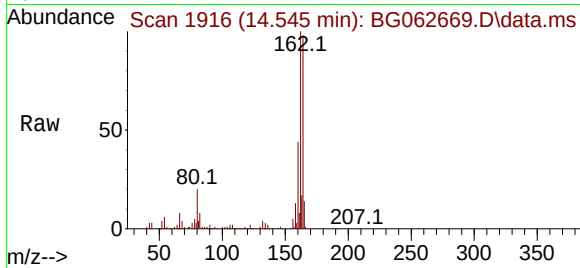




#57  
2,4-Dinitrotoluene  
Concen: 6.993 ng  
RT: 14.545 min Scan# 1916  
Delta R.T. -0.362 min  
Lab File: BG062669.D  
Acq: 5 Sep 2024 16:31

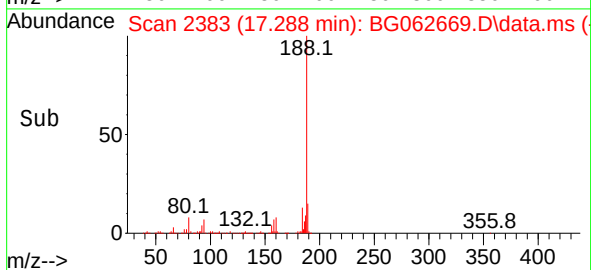
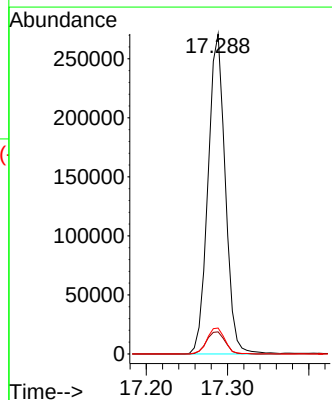
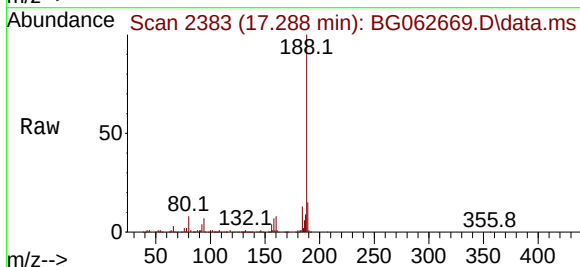
Instrument :  
BNA\_G  
ClientSampleId :  
PB163138BL

Tgt Ion:165 Resp: 17800  
Ion Ratio Lower Upper  
165 100  
63 2.1 33.8 50.6#  
89 1.3 57.9 86.9#  
182 0.0 1.8 2.8#

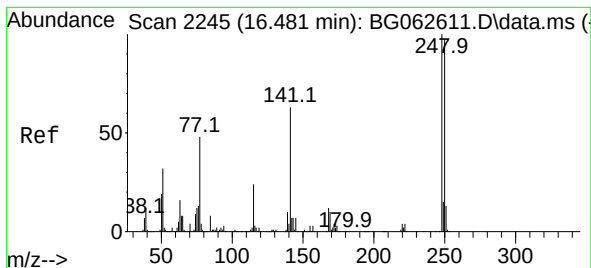


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.288 min Scan# 2383  
Delta R.T. -0.003 min  
Lab File: BG062669.D  
Acq: 5 Sep 2024 16:31

Tgt Ion:188 Resp: 399629  
Ion Ratio Lower Upper  
188 100  
94 6.9 6.3 9.5  
80 8.1 7.0 10.4



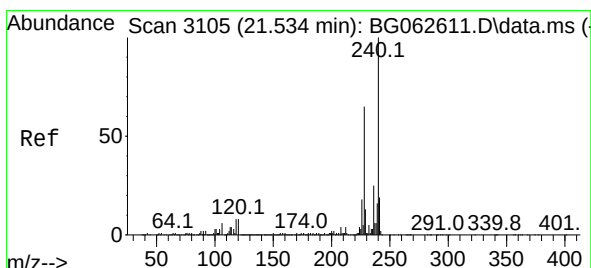
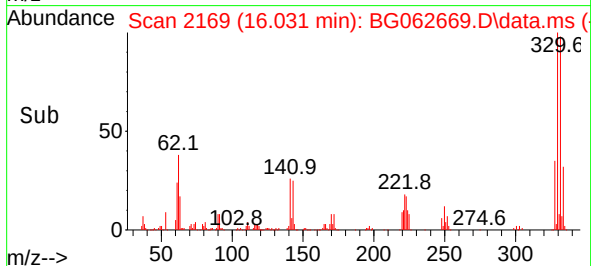
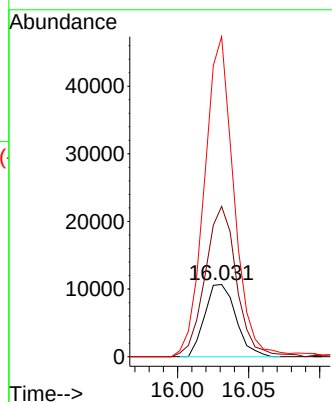
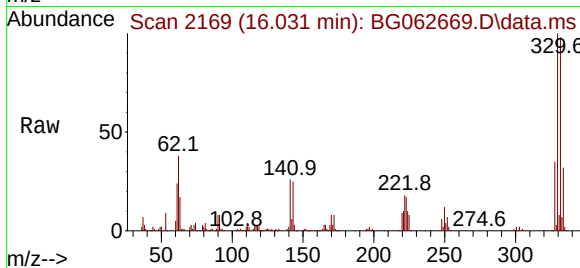




#67  
4-Bromophenyl-phenylether  
Concen: 3.945 ng  
RT: 16.031 min Scan# 2169  
Delta R.T. -0.450 min  
Lab File: BG062669.D  
Acq: 5 Sep 2024 16:31

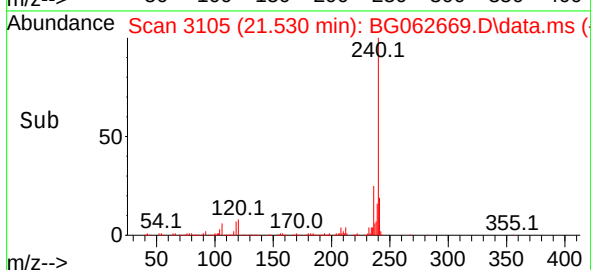
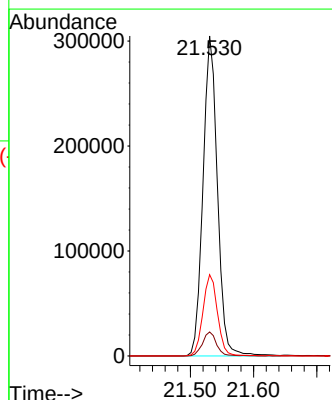
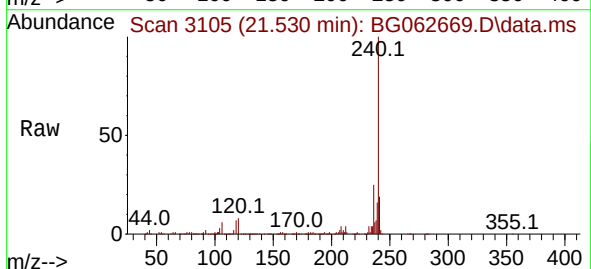
Instrument :  
BNA\_G  
ClientSampleId :  
PB163138BL

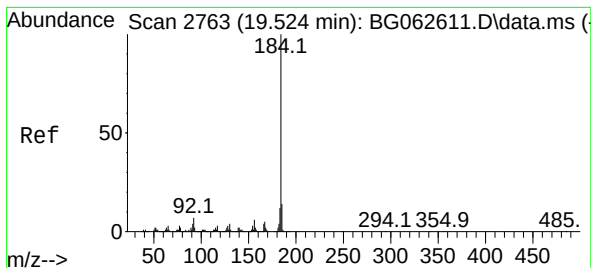
Tgt Ion:248 Resp: 16270  
Ion Ratio Lower Upper  
248 100  
250 270.5 77.9 116.9#  
141 443.0 50.2 75.2#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.530 min Scan# 3105  
Delta R.T. -0.003 min  
Lab File: BG062669.D  
Acq: 5 Sep 2024 16:31

Tgt Ion:240 Resp: 482411  
Ion Ratio Lower Upper  
240 100  
120 7.5 6.6 9.8  
236 25.4 20.2 30.4





#77

Benzidine

Concen: 3.600 ng

RT: 19.909 min Scan# 21

Delta R.T. 0.385 min

Lab File: BG062669.D

Acq: 5 Sep 2024 16:31

Instrument :

BNA\_G

ClientSampleId :

PB163138BL

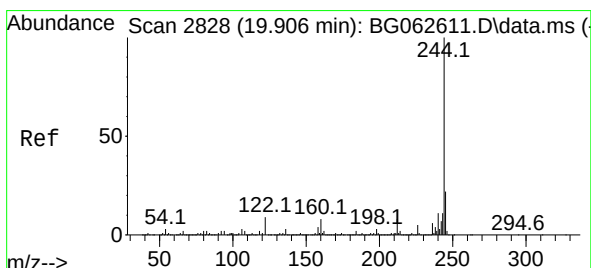
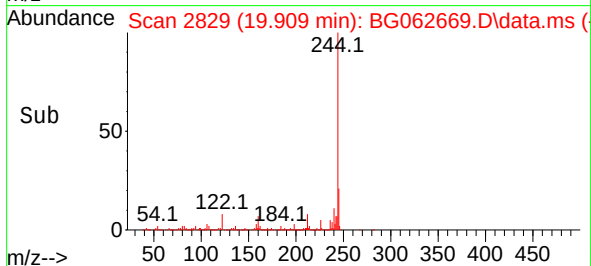
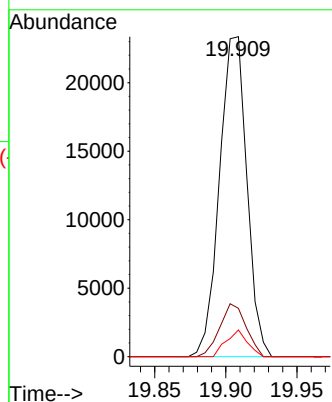
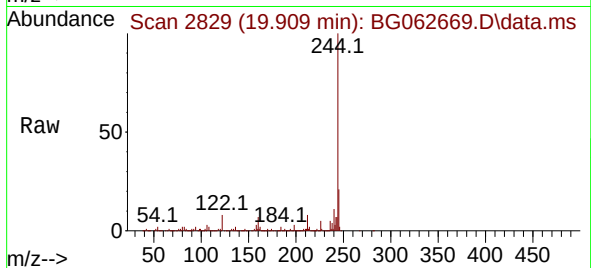
Tgt Ion:184 Resp: 31305

Ion Ratio Lower Upper

184 100

185 15.1 11.0 16.6

183 8.3 9.7 14.5#



#79

Terphenyl-d14

Concen: 85.711 ng

RT: 19.909 min Scan# 2829

Delta R.T. 0.003 min

Lab File: BG062669.D

Acq: 5 Sep 2024 16:31

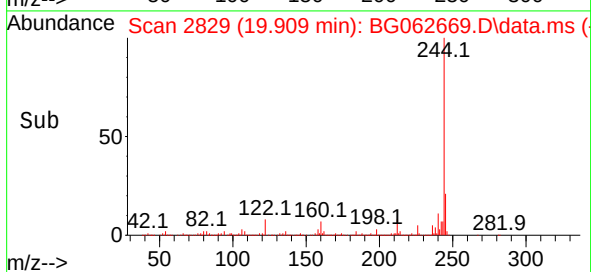
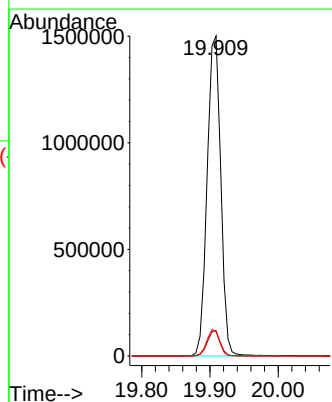
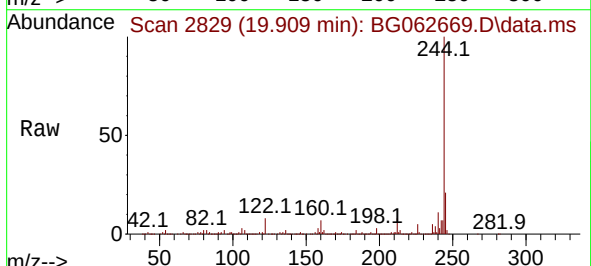
Tgt Ion:244 Resp: 2085294

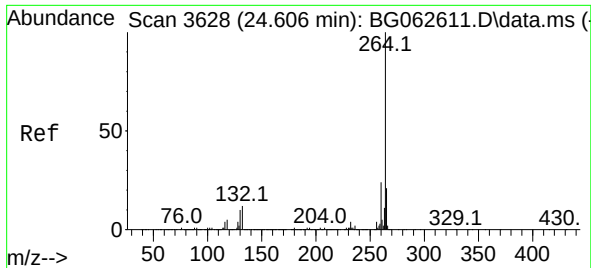
Ion Ratio Lower Upper

244 100

212 7.9 6.6 10.0

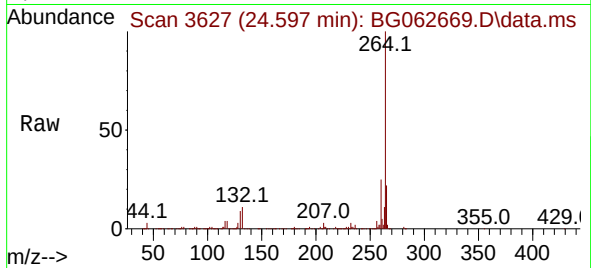
122 7.7 7.2 10.8





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.597 min Scan# 30  
Delta R.T. -0.009 min  
Lab File: BG062669.D  
Acq: 5 Sep 2024 16:31

Instrument :  
BNA\_G  
ClientSampleId :  
PB163138BL



Tgt Ion:264 Resp: 550716  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.5  | 19.0  | 28.4  |
| 265 | 21.6  | 17.3  | 25.9  |

