

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071618\  
 Data File : BG035675.D  
 Acq On : 16 Jul 2018 18:35  
 Operator : JU/SJ  
 Sample : J3991-04  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-3-A

Quant Time: Jul 17 05:50:28 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 12 14:43:32 2018  
 Response via : Initial Calibration

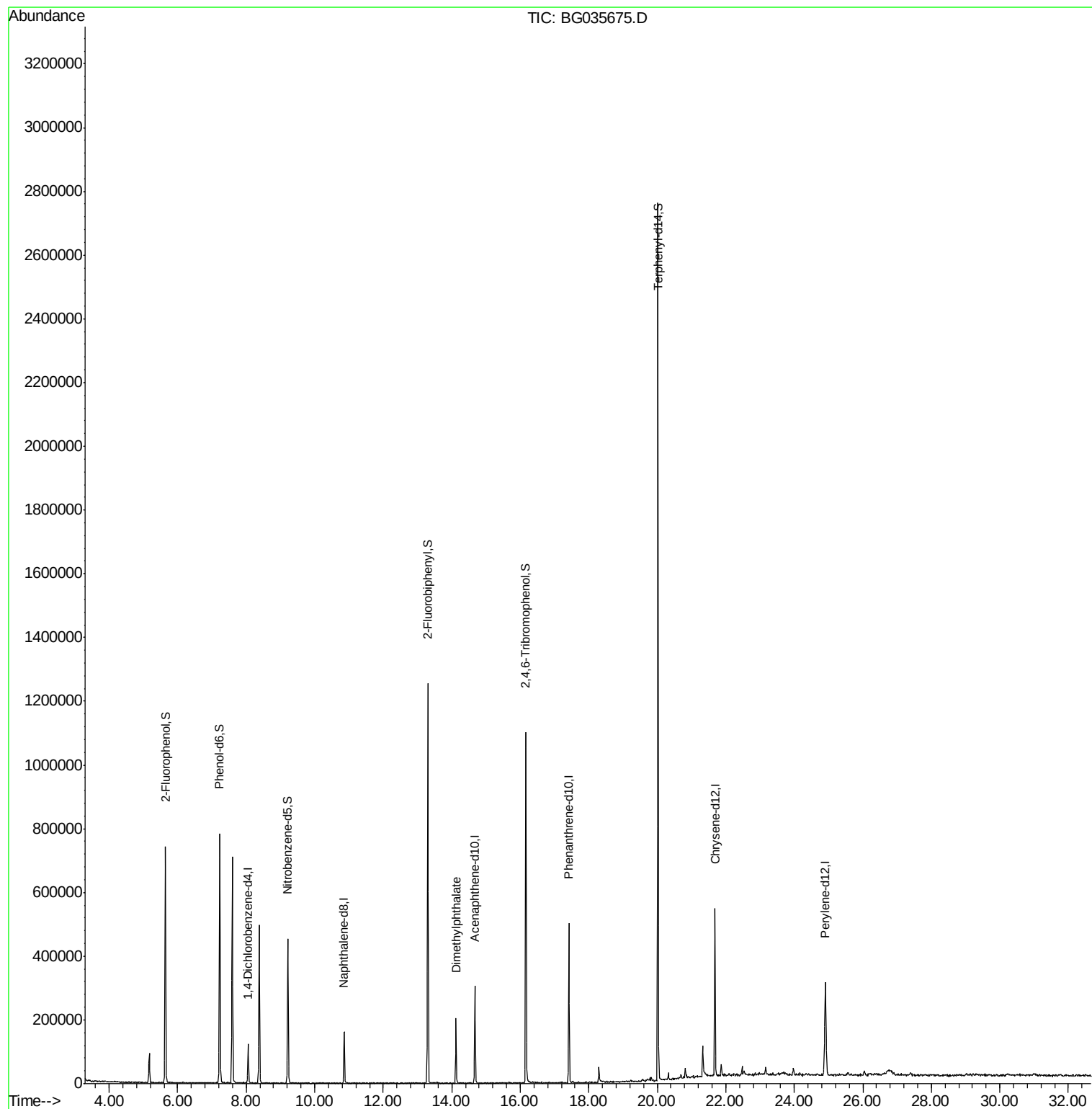
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)      |
|-----------------------------|-------|------|----------|--------|-------|---------------|
| 1) 1,4-Dichlorobenzene-d4   | 8.06  | 152  | 33910    | 20.00  | ng    | 0.00          |
| 21) Naphthalene-d8          | 10.86 | 136  | 139292   | 20.00  | ng    | 0.00          |
| 38) Acenaphthene-d10        | 14.68 | 164  | 108048   | 20.00  | ng    | 0.00          |
| 63) Phenanthrene-d10        | 17.42 | 188  | 313158   | 20.00  | ng    | 0.00          |
| 75) Chrysene-d12            | 21.68 | 240  | 327695   | 20.00  | ng    | 0.00          |
| 86) Perylene-d12            | 24.91 | 264  | 307768   | 20.00  | ng    | 0.00          |
| System Monitoring Compounds |       |      |          |        |       |               |
| 5) 2-Fluorophenol           | 5.64  | 112  | 303751   | 148.72 | ng    | 0.00          |
| 7) Phenol-d6                | 7.23  | 99   | 460779   | 151.21 | ng    | 0.00          |
| 23) Nitrobenzene-d5         | 9.22  | 82   | 297984   | 89.37  | ng    | 0.00          |
| 41) 2,4,6-Tribromophenol    | 16.17 | 330  | 207700   | 145.84 | ng    | 0.00          |
| 44) 2-Fluorobiphenyl        | 13.30 | 172  | 685293   | 84.97  | ng    | 0.00          |
| 78) Terphenyl-d14           | 20.02 | 244  | 1305131  | 87.79  | ng    | 0.00          |
| Target Compounds            |       |      |          |        |       |               |
| 49) Dimethylphthalate       | 14.12 | 163  | 125186   | 13.224 | ng    | Qvalue<br>100 |

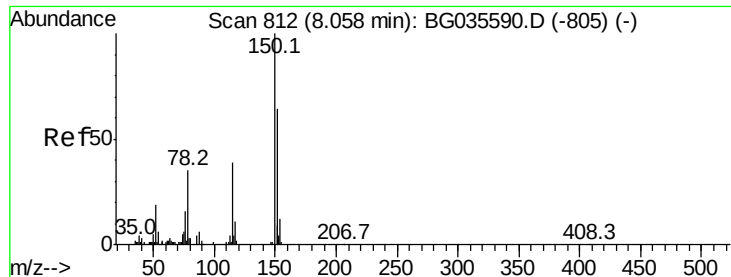
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
BNA\_G  
ClientSampleId :  
SB-3-A

Quant Time: Jul 17 05:50:28 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jul 12 14:43:32 2018  
Response via : Initial Calibration



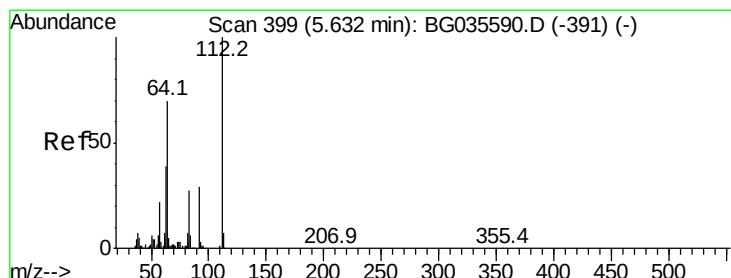
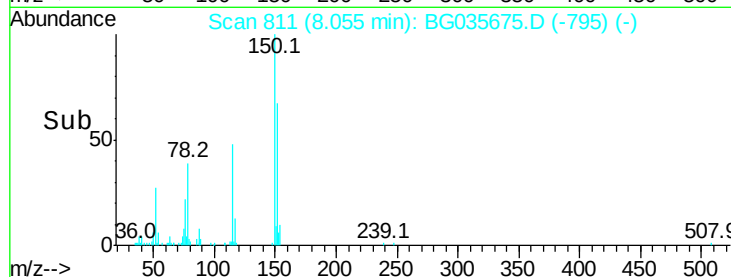
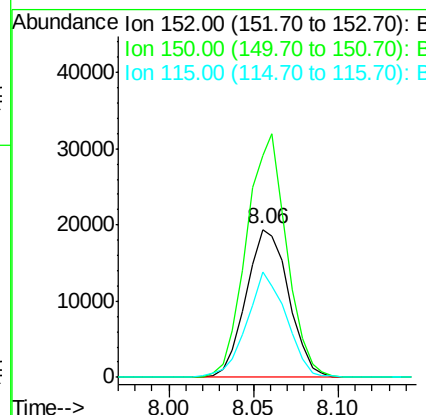
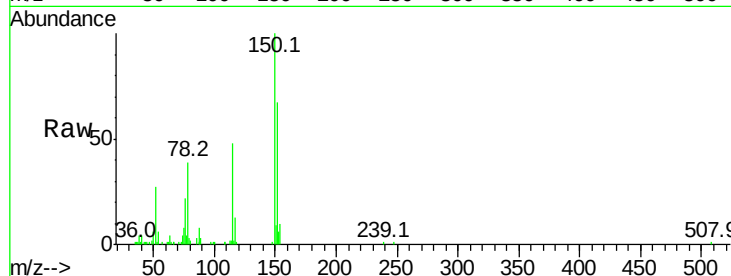


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.06 min Scan# 811  
Delta R.T. -0.00 min  
Lab File: BG035675.D  
Acq: 16 Jul 2018 18:35

Instrument :  
BNA\_G  
ClientSampleId :  
SB-3-A

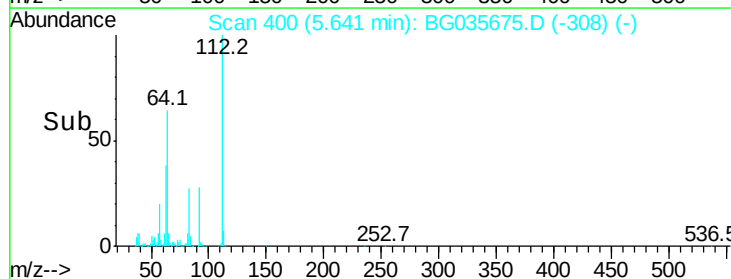
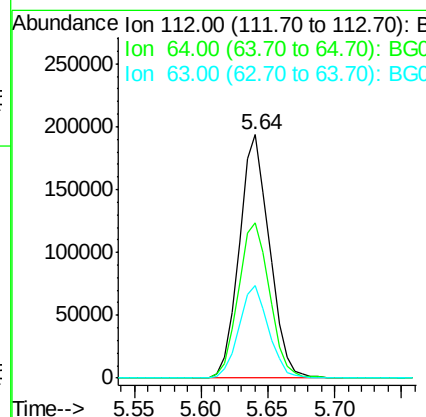
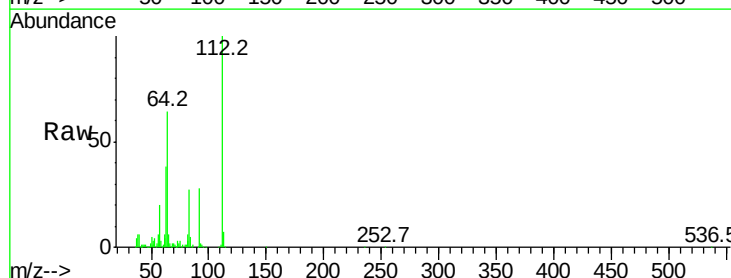
Tot Ion:152 Resp: 33910  
Ion Ratio Lower Upper  
152 100  
150 150.2 126.6 189.8  
115 71.4 53.0 79.4

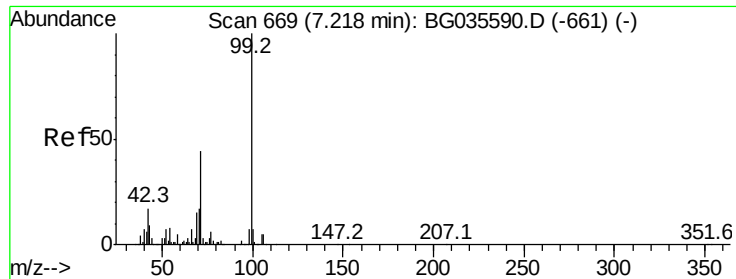


#5

2-Fluorophenol  
Concen: 148.717 ng  
RT: 5.64 min Scan# 400  
Delta R.T. 0.01 min  
Lab File: BG035675.D  
Acq: 16 Jul 2018 18:35

Tgt Ion:112 Resp: 303751  
Ion Ratio Lower Upper  
112 100  
64 63.7 56.3 84.5  
63 37.9 30.1 45.1





#7

Phenol-d6

Concen: 151.206 ng

RT: 7.23 min Scan# 670

Delta R.T. 0.01 min

Lab File: BG035675.D

Acq: 16 Jul 2018 18:35

Instrument :

BNA\_G

ClientSampleId :

SB-3-A

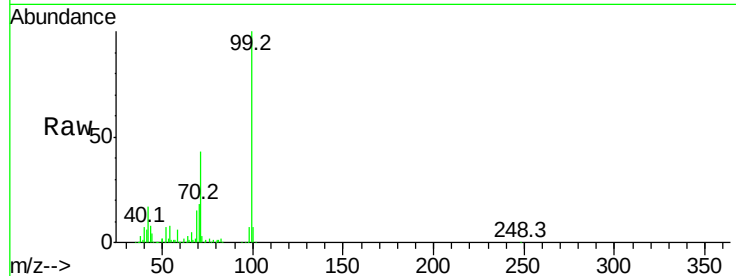
Tot Ion: 99 Resp: 460779

Ion Ratio Lower Upper

99 100

42 16.9 14.1 21.1

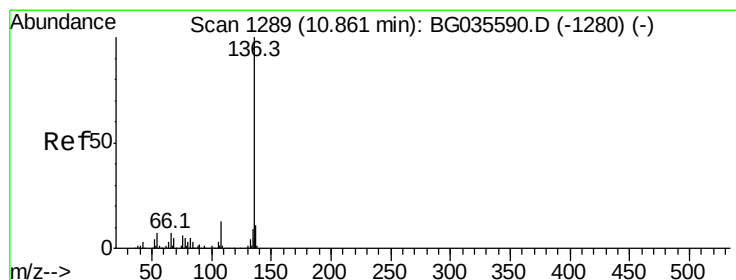
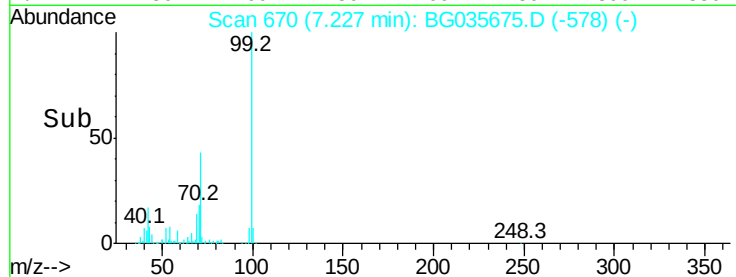
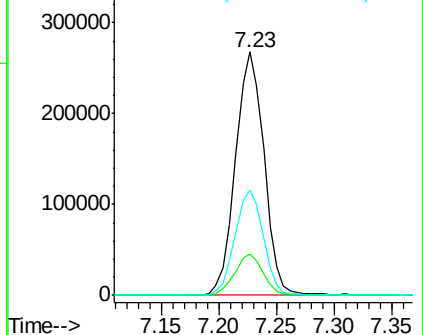
71 43.3 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BG035675.D

Acq: 16 Jul 2018 18:35

Tgt Ion: 136 Resp: 139292

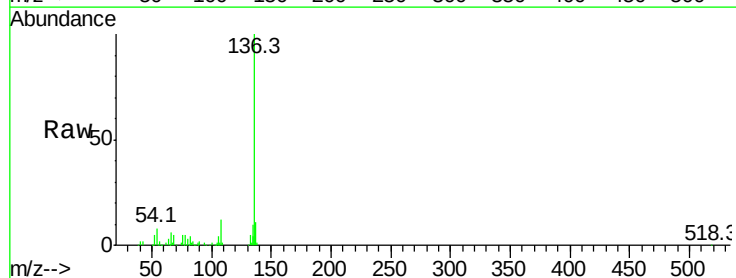
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 8.2 10.3 15.5#

68 4.9 4.5 6.7

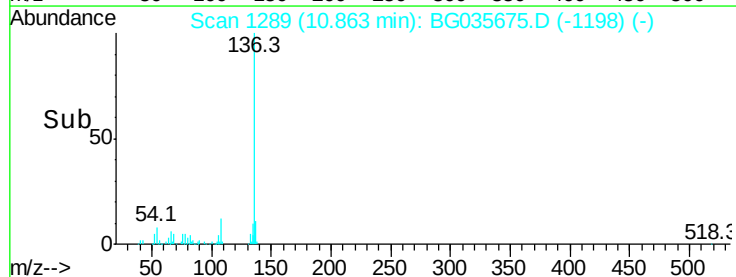
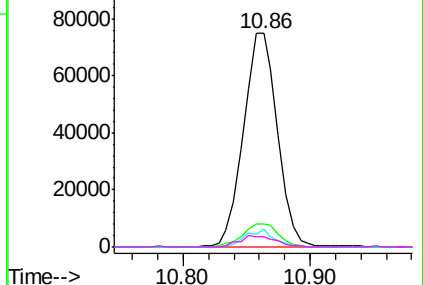


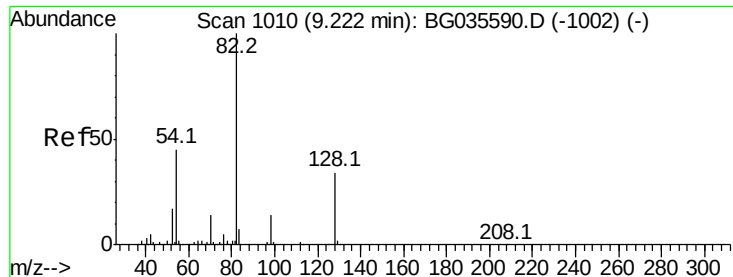
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC





#23

Nitrobenzene-d5

Concen: 89.368 ng

RT: 9.22 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BG035675.D

Acq: 16 Jul 2018 18:35

Instrument :

BNA\_G

ClientSampleId :

SB-3-A

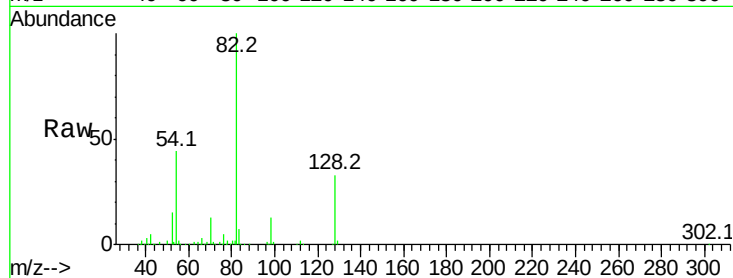
Tot Ion: 82 Resp: 297984

Ion Ratio Lower Upper

82 100

128 33.2 29.7 44.5

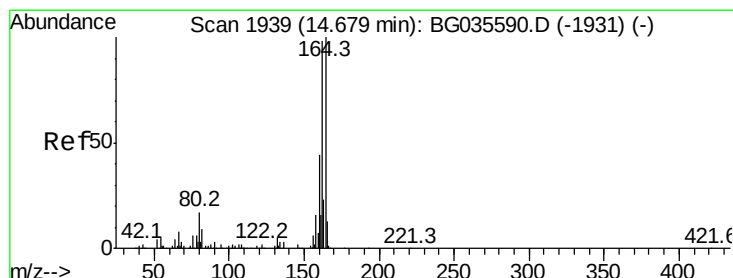
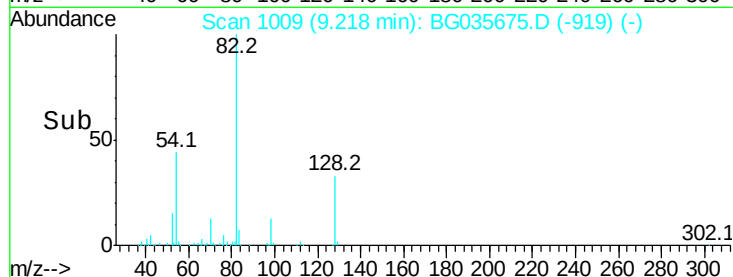
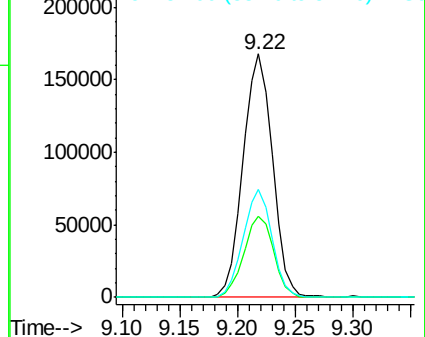
54 44.4 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BG035675.D

Acq: 16 Jul 2018 18:35

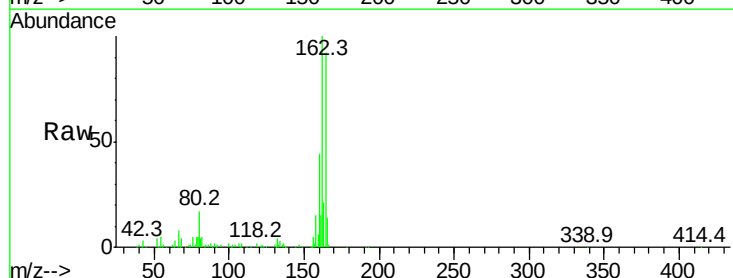
Tgt Ion: 164 Resp: 108048

Ion Ratio Lower Upper

164 100

162 109.3 78.8 118.2

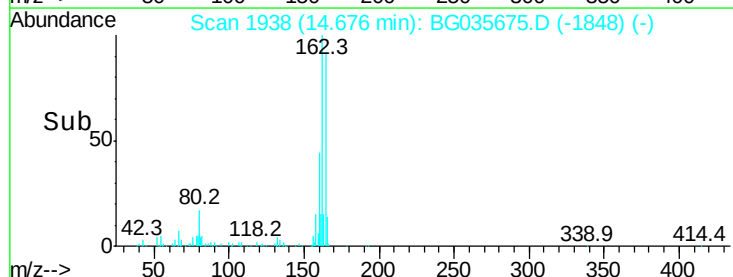
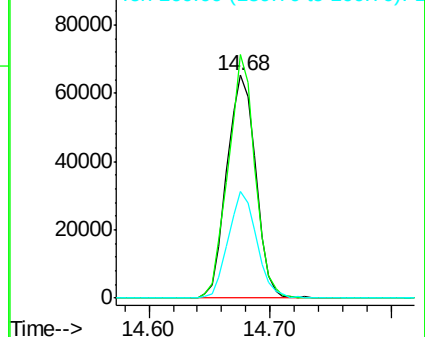
160 47.7 35.4 53.0

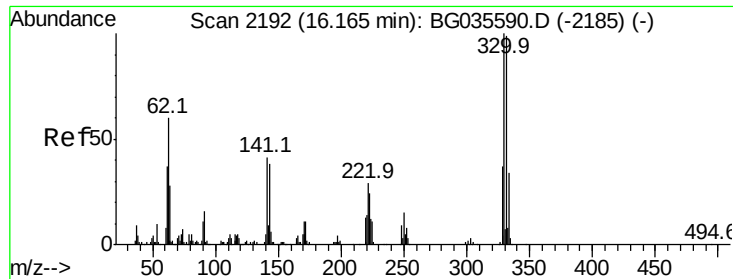


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

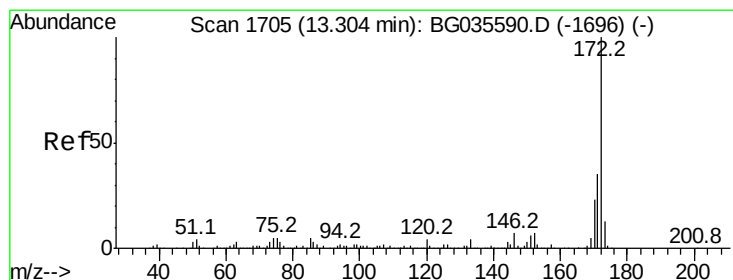
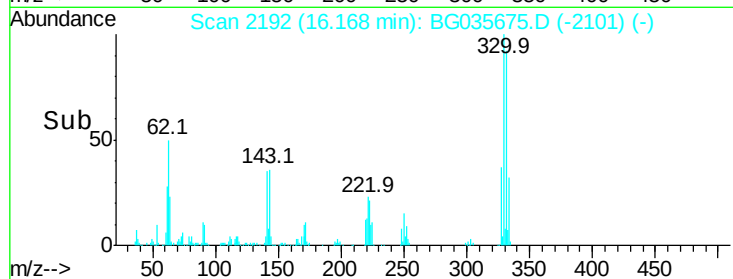
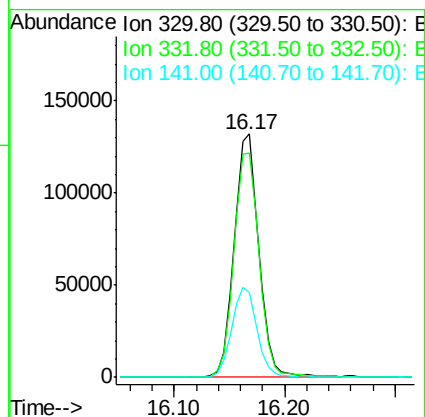
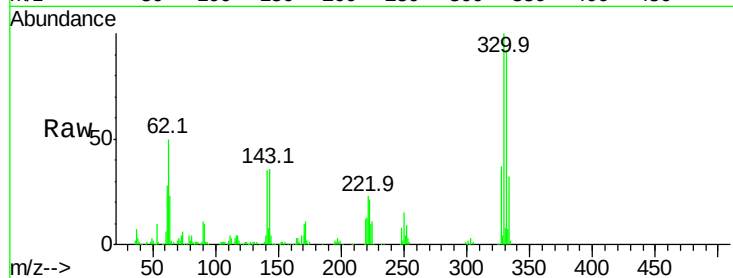




#41  
 2,4,6-Tribromophenol  
 Concen: 145.842 ng  
 RT: 16.17 min Scan# 2192  
 Delta R.T. 0.00 min  
 Lab File: BG035675.D  
 Acq: 16 Jul 2018 18:35

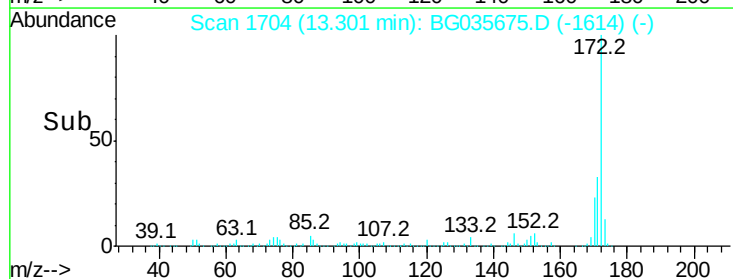
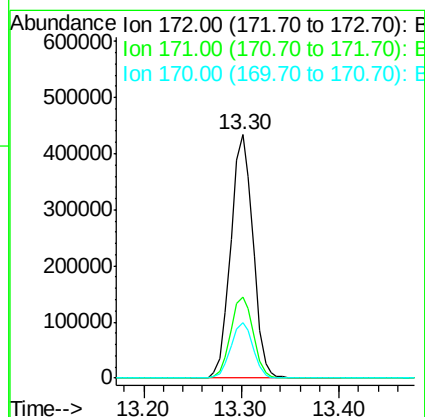
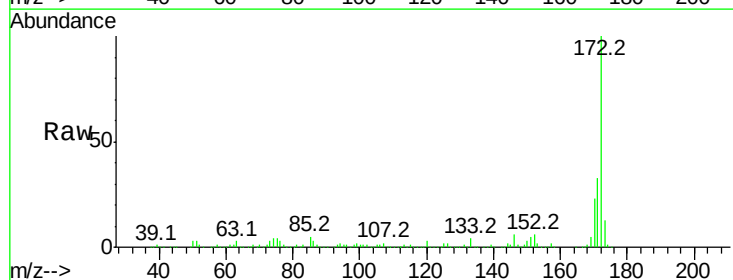
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-3-A

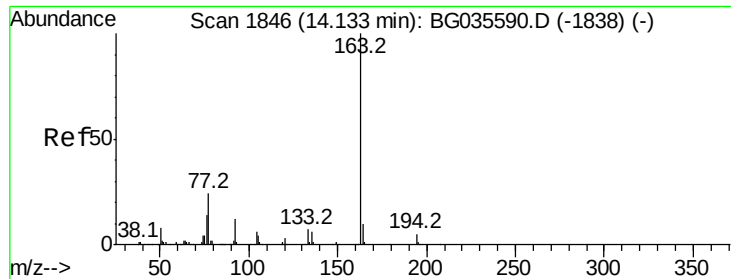
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.4  | 77.0  | 115.6 |
| 141     | 38.3  | 25.2  | 37.8# |



#44  
 2-Fluorobiphenyl  
 Concen: 84.973 ng  
 RT: 13.30 min Scan# 1704  
 Delta R.T. -0.00 min  
 Lab File: BG035675.D  
 Acq: 16 Jul 2018 18:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 33.3  | 30.0  | 45.0  |
| 170     | 22.8  | 19.5  | 29.3  |

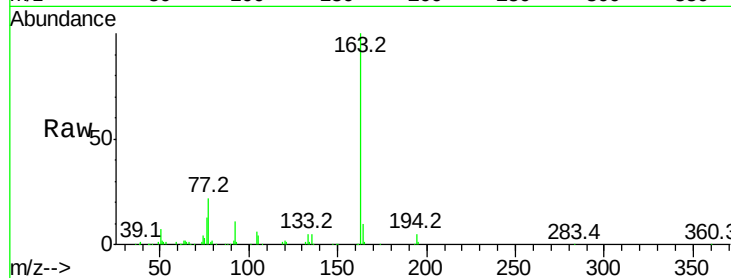




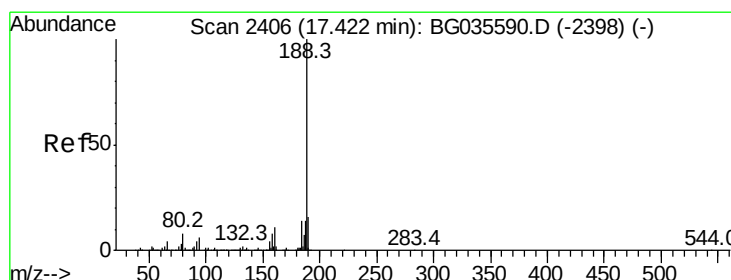
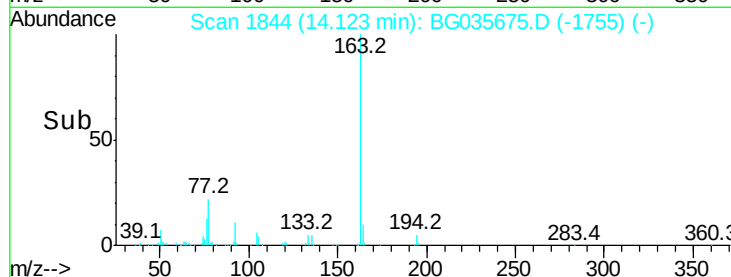
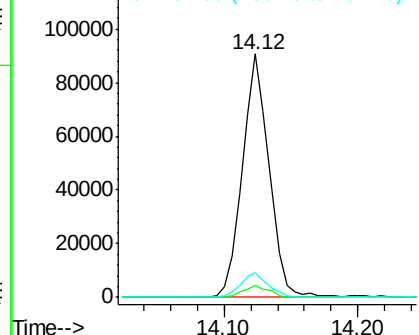
#49  
Dimethylphthalate  
Concen: 13.224 ng  
RT: 14.12 min Scan# 1844  
Delta R.T. -0.01 min  
Lab File: BG035675.D  
Acq: 16 Jul 2018 18:35

Instrument :  
BNA\_G  
ClientSampleId :  
SB-3-A

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.7   | 3.4   | 5.2   |
| 164     | 10.3  | 8.2   | 12.4  |

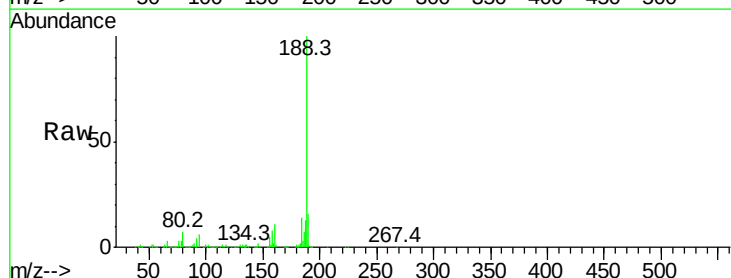


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

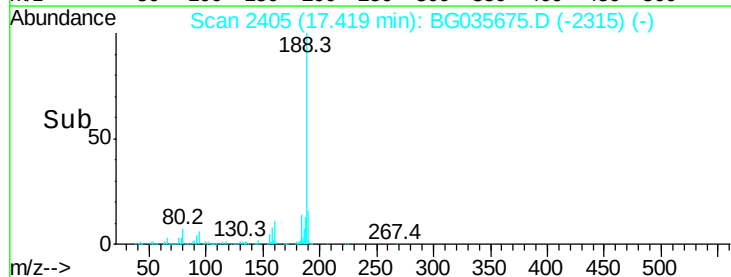
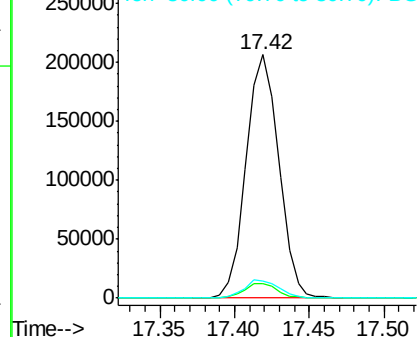


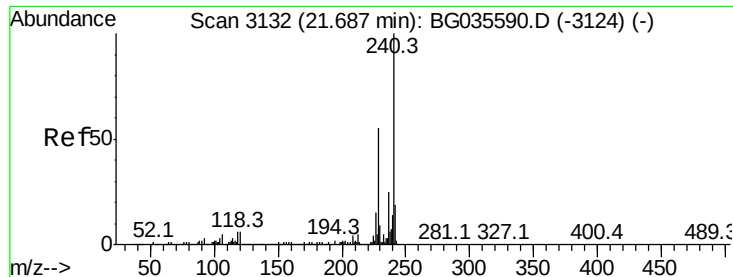
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.42 min Scan# 2405  
Delta R.T. -0.00 min  
Lab File: BG035675.D  
Acq: 16 Jul 2018 18:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 6.1   | 6.9   | 10.3# |
| 80      | 7.0   | 7.7   | 11.5# |



Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BGC  
Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.00 min

Lab File: BG035675.D

Acq: 16 Jul 2018 18:35

Instrument :

BNA\_G

ClientSampled :

SB-3-A

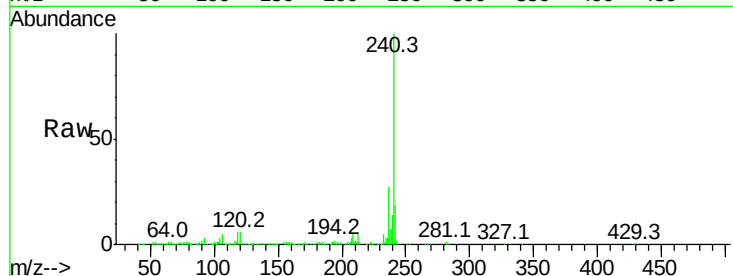
Tot Ion:240 Resp: 327695

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

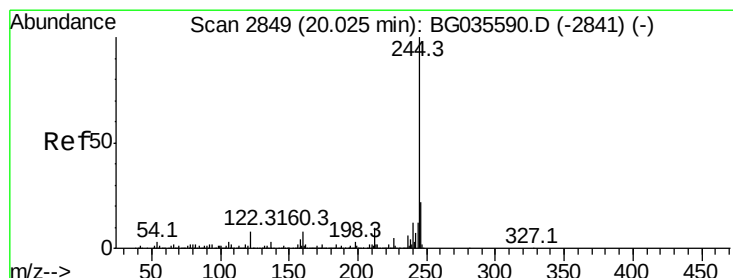
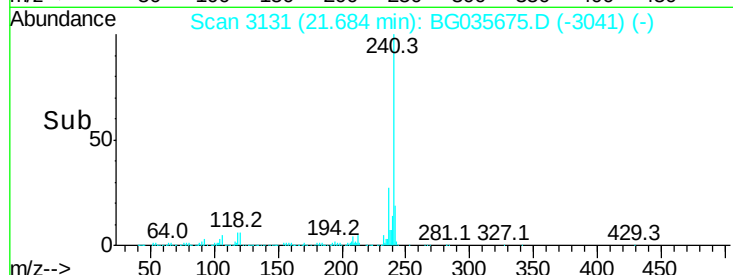
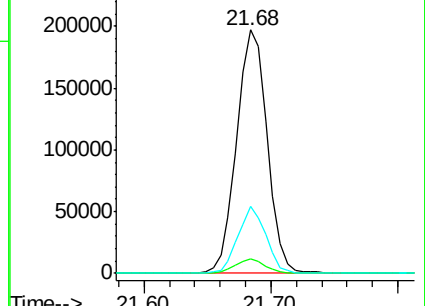
236 27.4 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 87.792 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.00 min

Lab File: BG035675.D

Acq: 16 Jul 2018 18:35

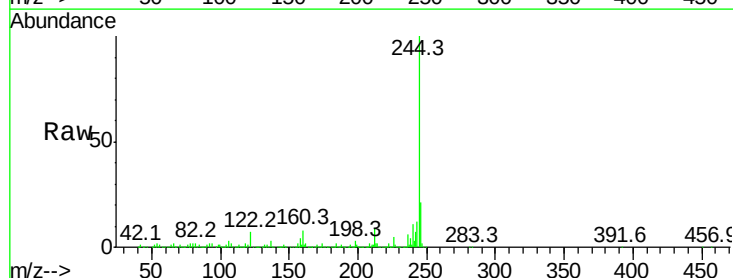
Tgt Ion:244 Resp: 1305131

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

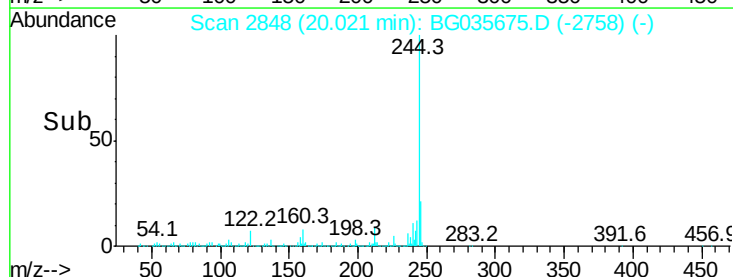
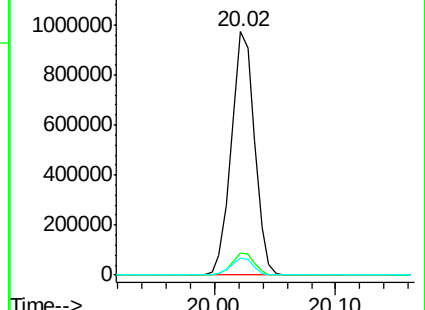
122 6.9 7.0 10.4#



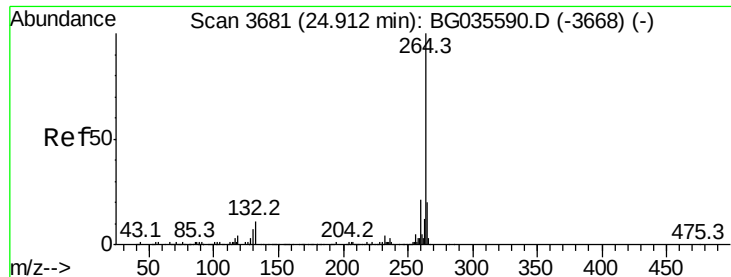
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



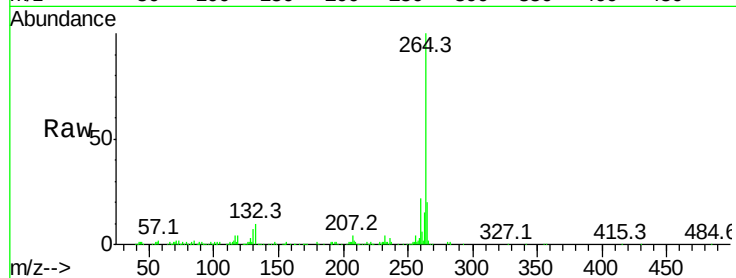




#86  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 24.91 min Scan# 3680  
 Delta R.T. -0.00 min  
 Lab File: BG035675.D  
 Acq: 16 Jul 2018 18:35

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-3-A

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 21.9  | 17.4  | 26.0  |
| 265     | 20.3  | 17.7  | 26.5  |



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

