

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061616\  
 Data File : BG022372.D  
 Acq On : 16 Jun 2016 18:58  
 Operator : UM/SJ  
 Sample : H3567-18  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-09-COMP

Quant Time: Jun 17 02:24:23 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 13 17:40:23 2016  
 Response via : Initial Calibration

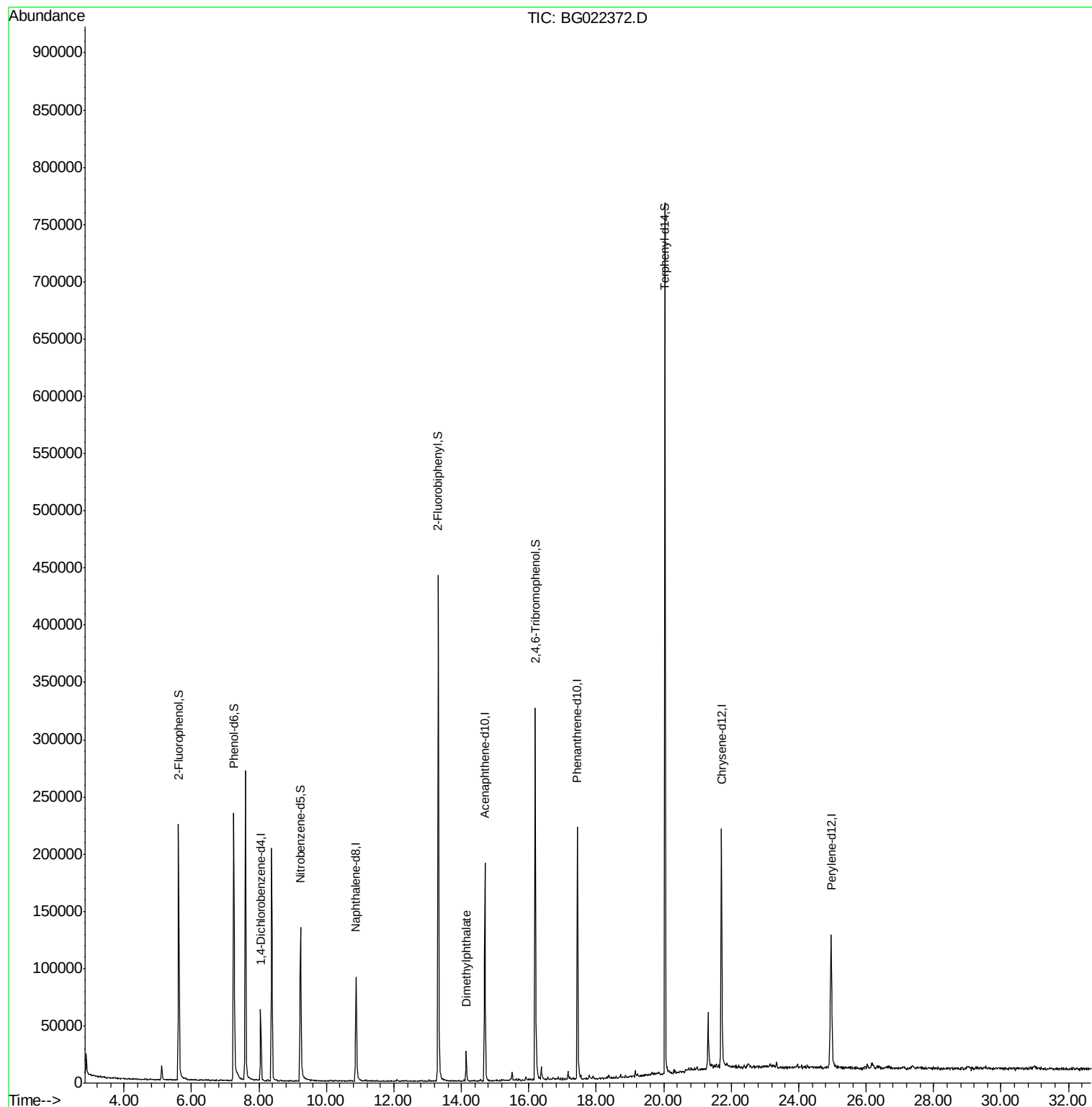
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.05  | 152  | 22626    | 20.00  | ng    | -0.04    |
| 21) Naphthalene-d8          | 10.88 | 136  | 117388   | 20.00  | ng    | -0.03    |
| 38) Acenaphthene-d10        | 14.69 | 164  | 76224    | 20.00  | ng    | -0.03    |
| 63) Phenanthrene-d10        | 17.44 | 188  | 164061   | 20.00  | ng    | -0.03    |
| 75) Chrysene-d12            | 21.71 | 240  | 137366   | 20.00  | ng    | -0.03    |
| 86) Perylene-d12            | 24.96 | 264  | 129587   | 20.00  | ng    | -0.05    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.62  | 112  | 155522   | 132.90 | ng    | -0.02    |
| 7) Phenol-d6                | 7.25  | 99   | 226485   | 123.09 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.23  | 82   | 124456   | 73.92  | ng    | -0.03    |
| 41) 2,4,6-Tribromophenol    | 16.19 | 330  | 73190    | 84.98  | ng    | -0.02    |
| 44) 2-Fluorobiphenyl        | 13.31 | 172  | 285285   | 57.04  | ng    | -0.03    |
| 78) Terphenyl-d14           | 20.04 | 244  | 348265   | 60.19  | ng    | -0.02    |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 49) Dimethylphthalate       | 14.14 | 163  | 26018    | 4.12   | ng    | # 95     |

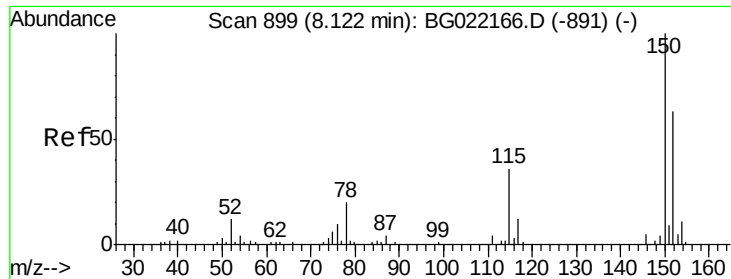
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.05 min Scan# 888

Delta R.T. -0.04 min

Lab File: BG022372.D

Acq: 16 Jun 2016 18:58

Instrument :

BNA\_G

ClientSampleId :

SB-09-COMP

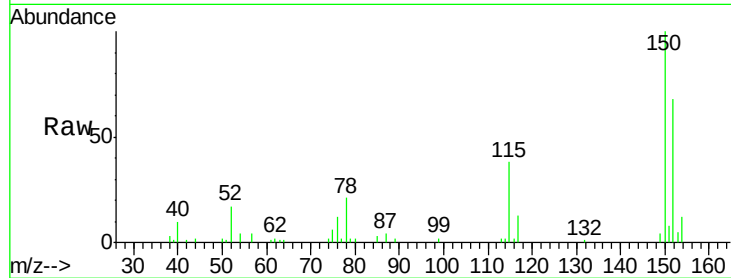
Tot Ion:152 Resp: 22626

Ion Ratio Lower Upper

152 100

150 147.3 130.1 195.1

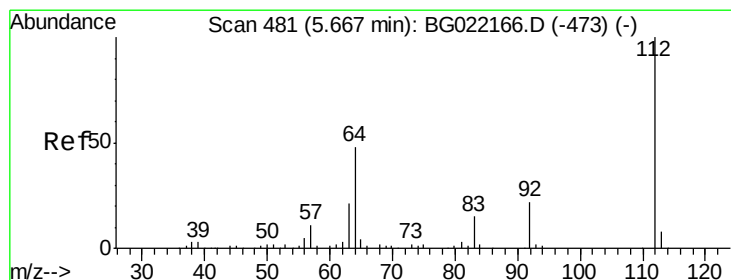
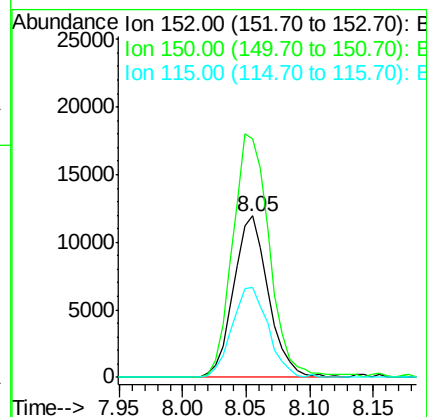
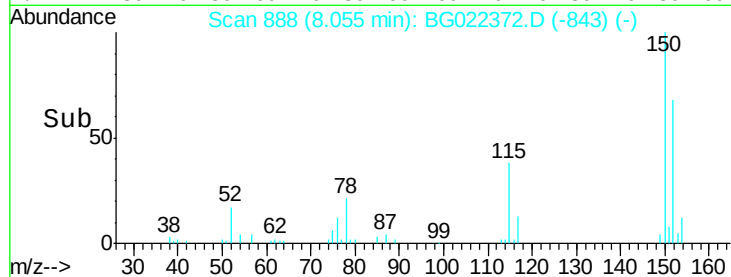
115 55.8 62.2 93.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 132.90 ng

RT: 5.62 min Scan# 473

Delta R.T. -0.02 min

Lab File: BG022372.D

Acq: 16 Jun 2016 18:58

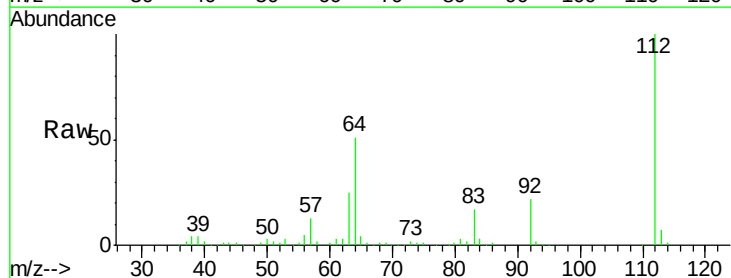
Tgt Ion:112 Resp: 155522

Ion Ratio Lower Upper

112 100

64 50.6 51.1 76.7#

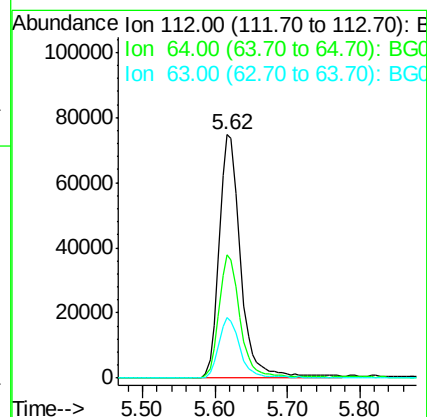
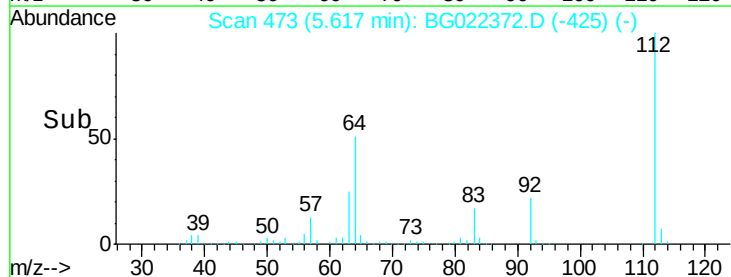
63 24.9 24.6 37.0

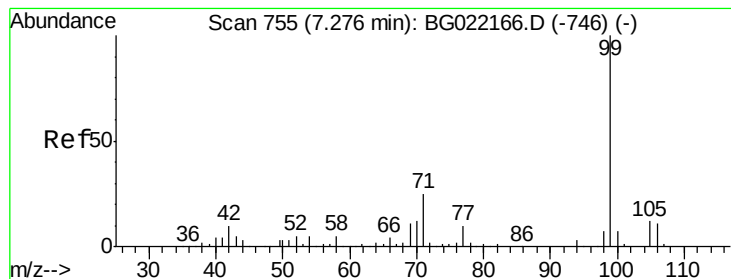


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 123.09 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.00 min

Lab File: BG022372.D

Acq: 16 Jun 2016 18:58

Instrument :

BNA\_G

ClientSampleId :

SB-09-COMP

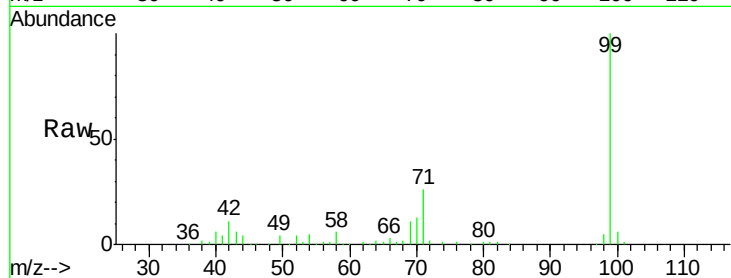
Tot Ion: 99 Resp: 226485

Ion Ratio Lower Upper

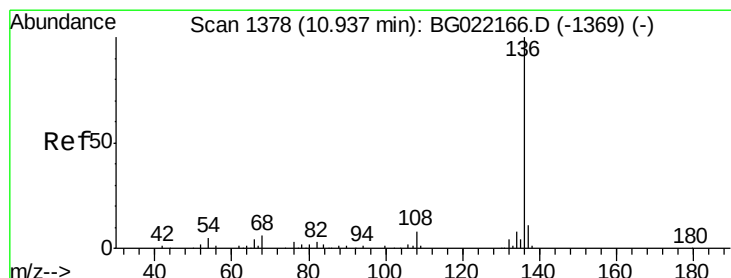
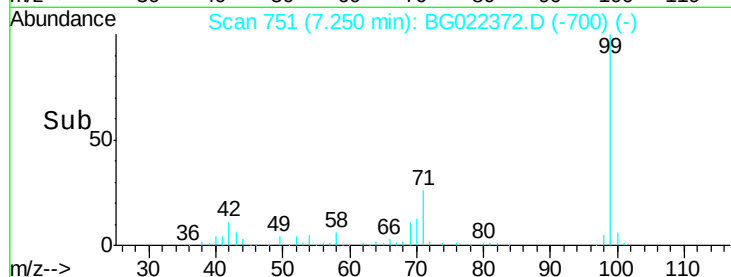
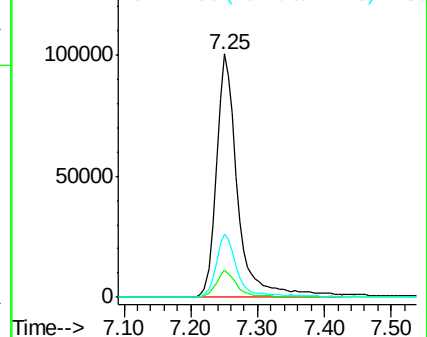
99 100

42 11.2 16.4 24.6#

71 26.0 25.0 37.4



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: 20.00 ng

RT: 10.88 min Scan# 1368

Delta R.T. -0.03 min

Lab File: BG022372.D

Acq: 16 Jun 2016 18:58

Tgt Ion: 136 Resp: 117388

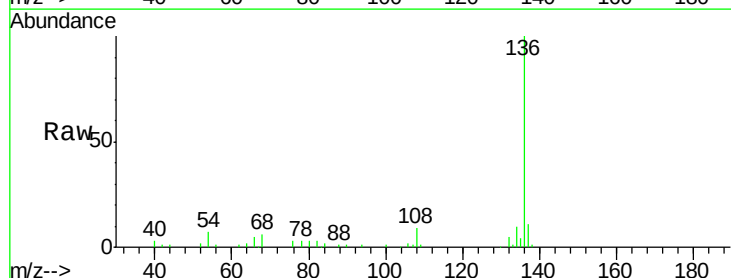
Ion Ratio Lower Upper

136 100

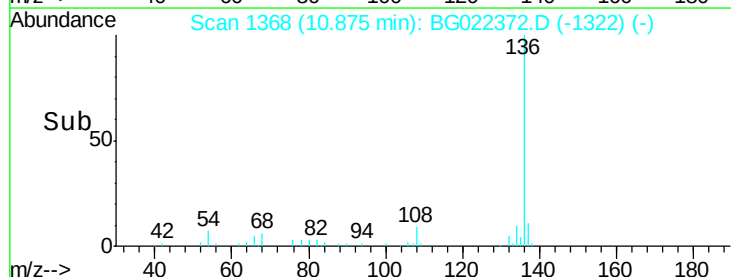
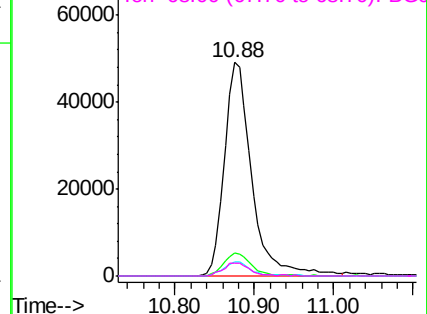
137 10.9 9.0 13.4

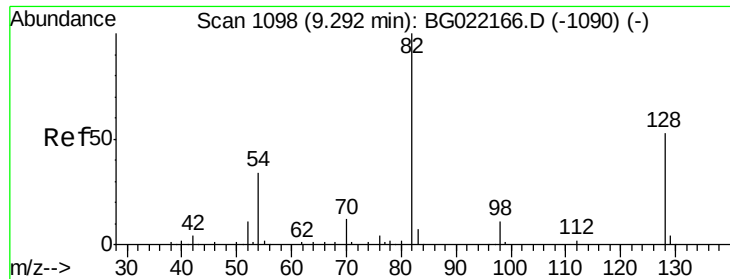
54 6.6 9.6 14.4#

68 6.2 6.4 9.6#



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: 73.92 ng

RT: 9.23 min Scan# 1088

Delta R.T. -0.03 min

Lab File: BG022372.D

Acq: 16 Jun 2016 18:58

Instrument :

BNA\_G

ClientSampleId :

SB-09-COMP

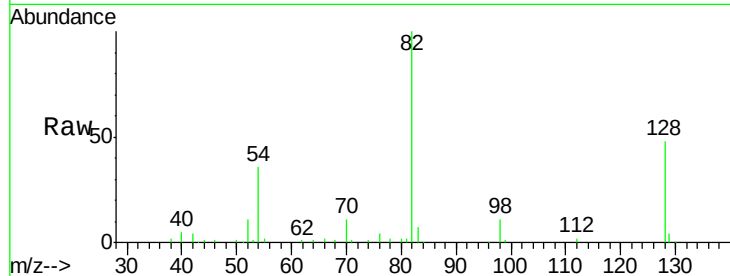
Tot Ion: 82 Resp: 124456

Ion Ratio Lower Upper

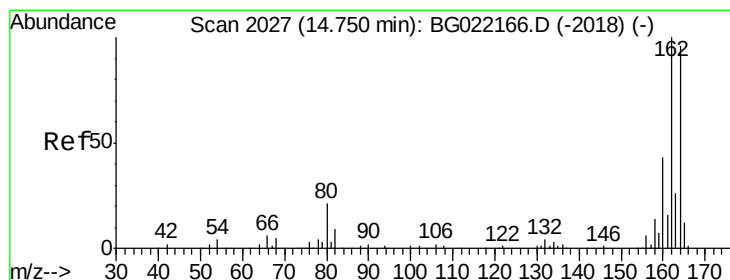
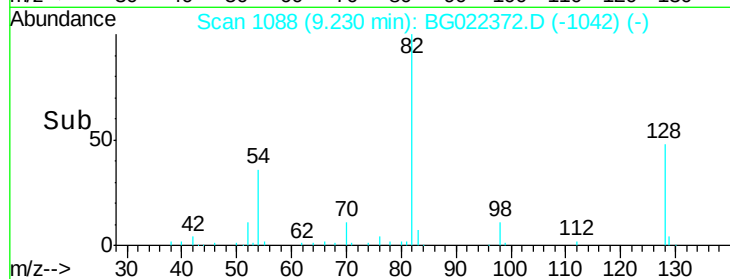
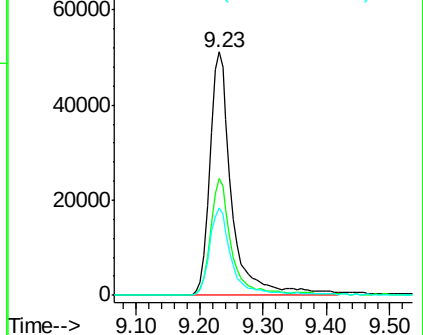
82 100

128 48.1 33.4 50.0

54 35.8 46.1 69.1#



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: 20.00 ng

RT: 14.69 min Scan# 2018

Delta R.T. -0.03 min

Lab File: BG022372.D

Acq: 16 Jun 2016 18:58

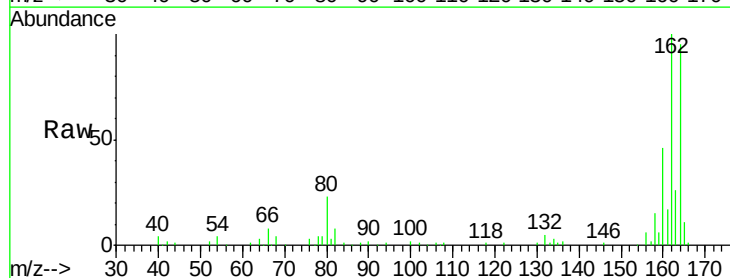
Tgt Ion:164 Resp: 76224

Ion Ratio Lower Upper

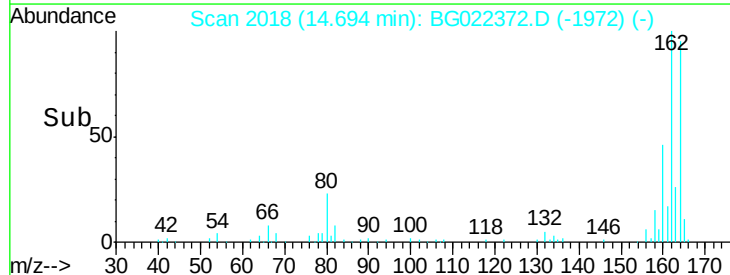
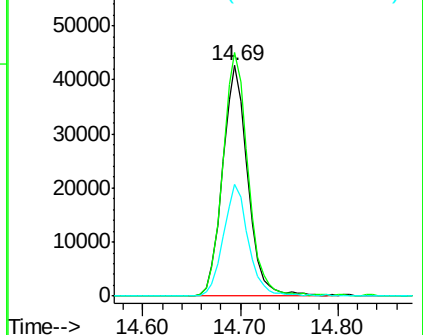
164 100

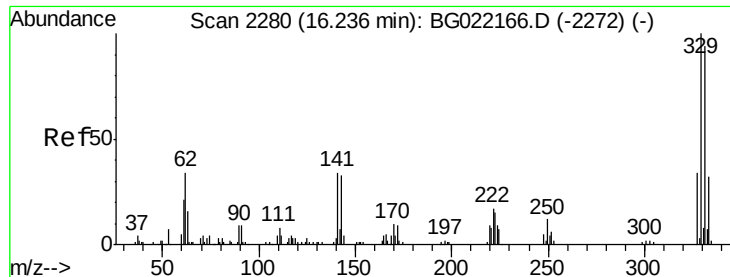
162 105.5 78.0 117.0

160 48.6 32.9 49.3



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

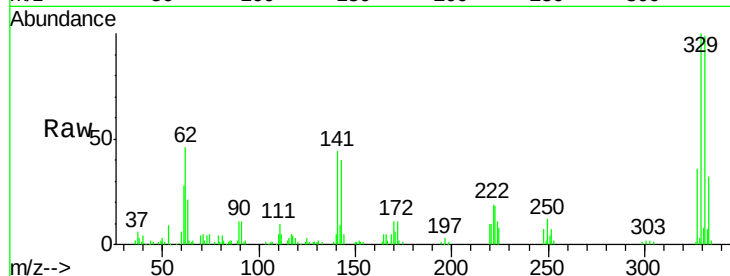




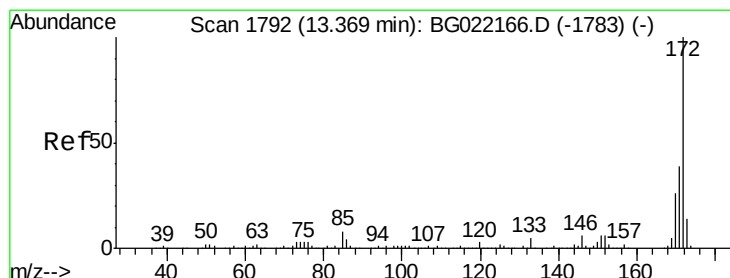
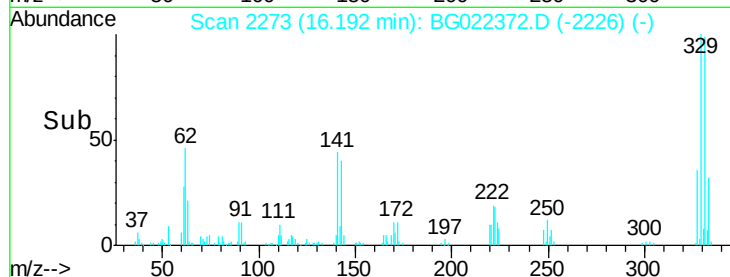
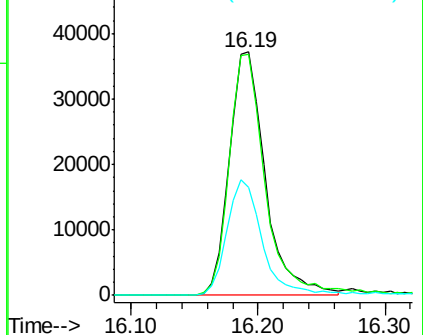
#41  
 2,4,6-Tribromophenol  
 Concen: 84.98 ng  
 RT: 16.19 min Scan# 2273  
 Delta R.T. -0.02 min  
 Lab File: BG022372.D  
 Acq: 16 Jun 2016 18:58

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-09-COMP

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 100.8 | 78.0  | 117.0 |
| 141     | 46.5  | 33.8  | 50.8  |

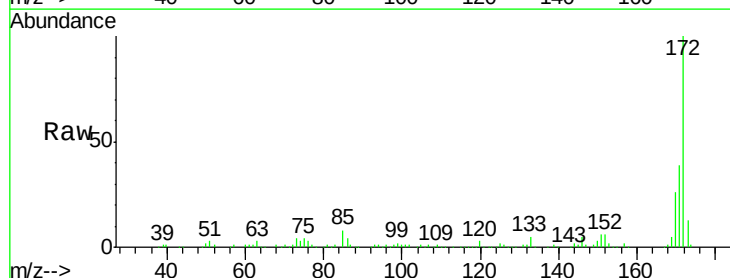


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

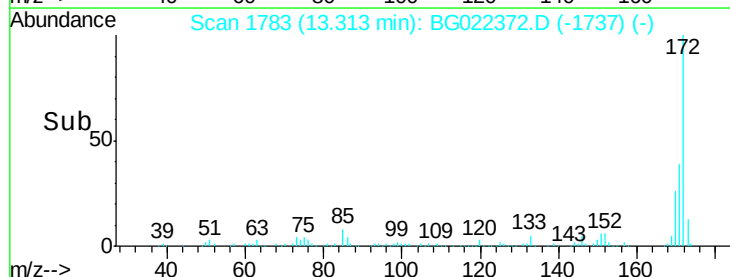
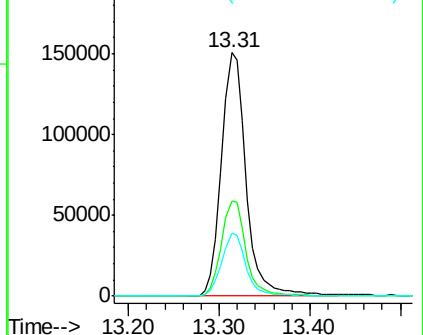


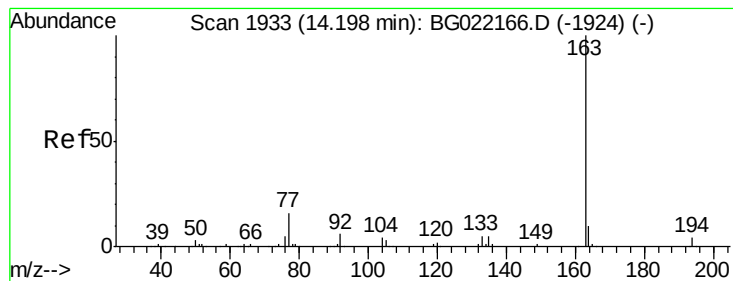
#44  
 2-Fluorobiphenyl  
 Concen: 57.04 ng  
 RT: 13.31 min Scan# 1783  
 Delta R.T. -0.03 min  
 Lab File: BG022372.D  
 Acq: 16 Jun 2016 18:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 39.2  | 27.8  | 41.6  |
| 170     | 26.0  | 19.6  | 29.4  |



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 4.12 ng

RT: 14.14 min Scan# 1924

Delta R.T. -0.03 min

Lab File: BG022372.D

Acq: 16 Jun 2016 18:58

Instrument :

BNA\_G

ClientSampleId :

SB-09-COMP

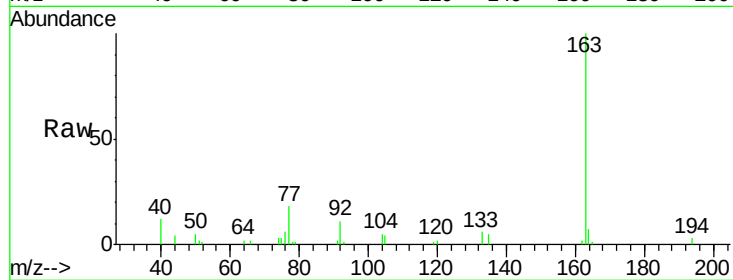
Tot Ion:163 Resp: 26018

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.6

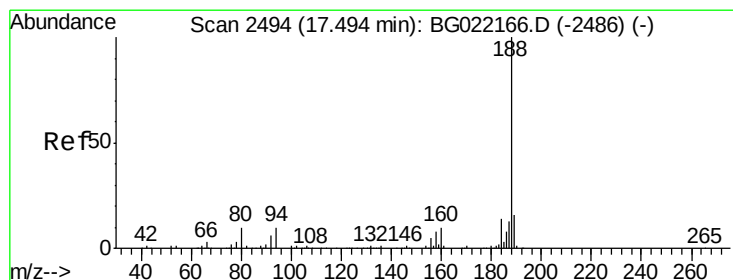
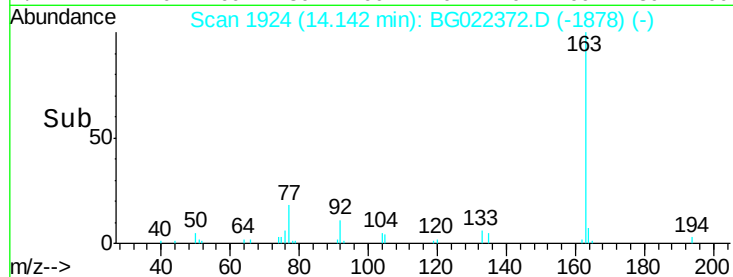
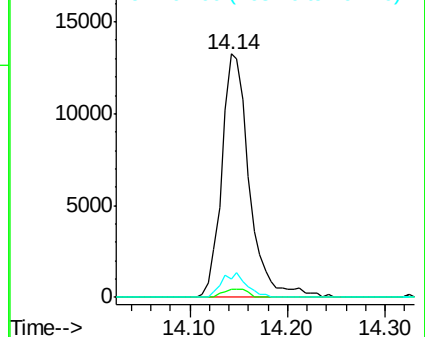
164 7.5 8.1 12.1#



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: 20.00 ng

RT: 17.44 min Scan# 2485

Delta R.T. -0.03 min

Lab File: BG022372.D

Acq: 16 Jun 2016 18:58

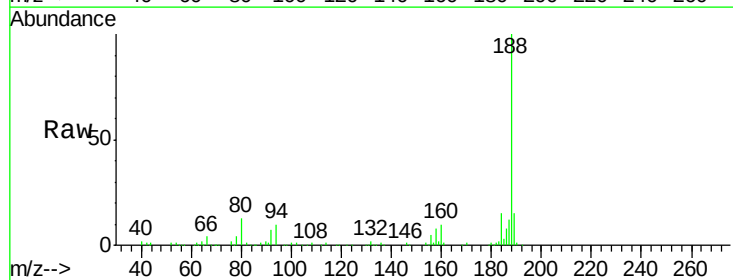
Tgt Ion:188 Resp: 164061

Ion Ratio Lower Upper

188 100

94 10.0 7.5 11.3

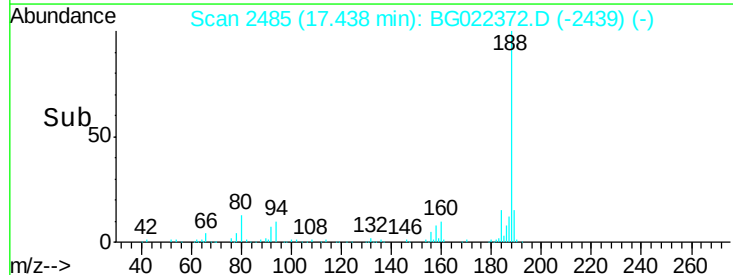
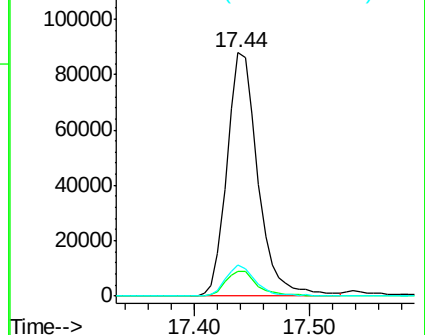
80 12.6 8.6 13.0

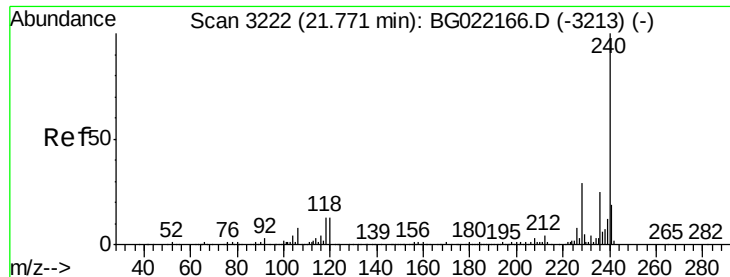


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.71 min Scan# 3212

Delta R.T. -0.03 min

Lab File: BG022372.D

Acq: 16 Jun 2016 18:58

Instrument :

BNA\_G

ClientSampleId :

SB-09-COMP

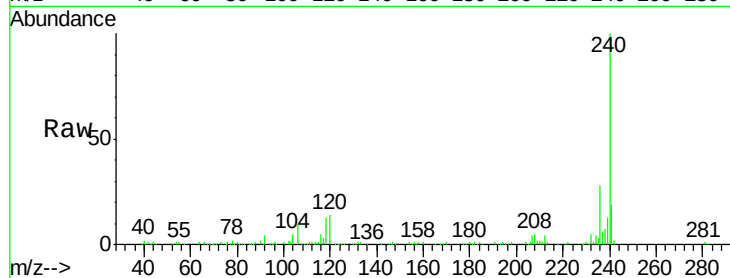
Tot Ion:240 Resp: 137366

Ion Ratio Lower Upper

240 100

120 13.6 8.4 12.6#

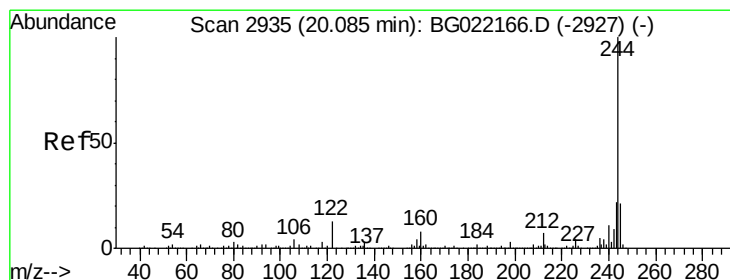
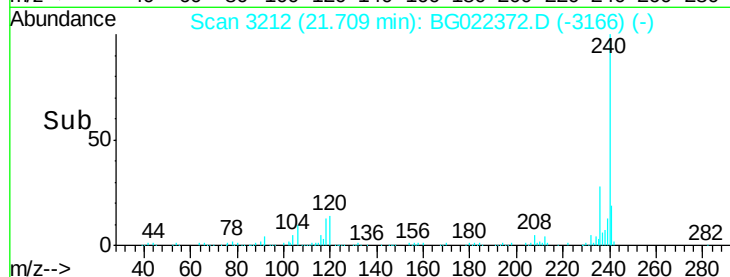
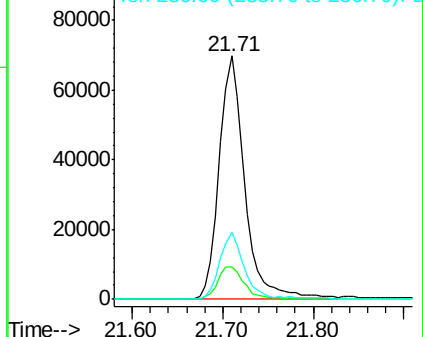
236 27.6 19.6 29.4



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: 60.19 ng

RT: 20.04 min Scan# 2927

Delta R.T. -0.02 min

Lab File: BG022372.D

Acq: 16 Jun 2016 18:58

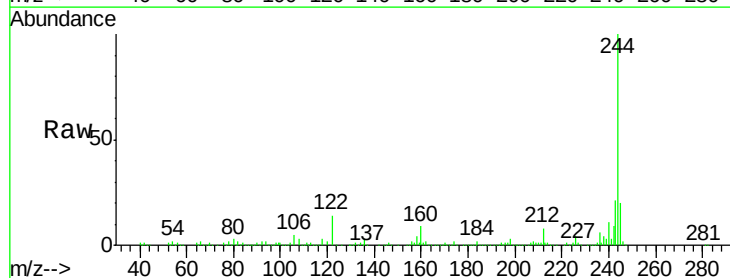
Tgt Ion:244 Resp: 348265

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

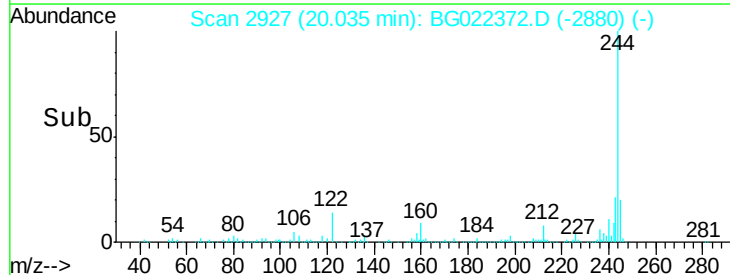
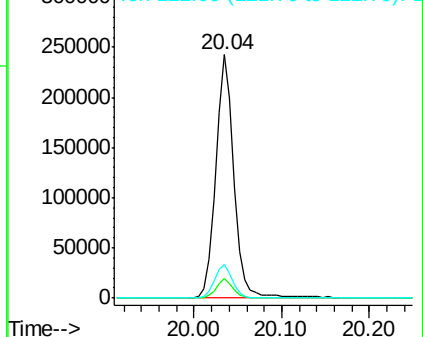
122 13.9 8.6 12.8#



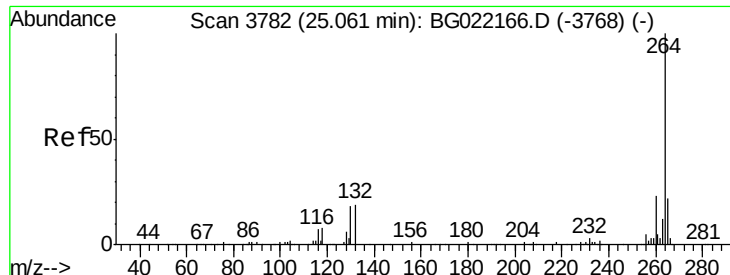
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



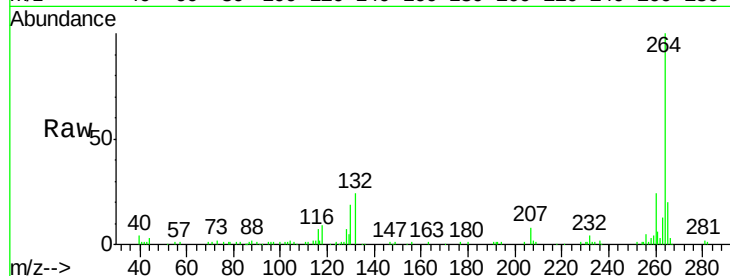




#86  
 Pervlene-d12  
 Concen: 20.00 ng  
 RT: 24.96 min Scan# 3766  
 Delta R.T. -0.05 min  
 Lab File: BG022372.D  
 Acq: 16 Jun 2016 18:58

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-09-COMP

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.6  | 20.2  | 30.4  |
| 265     | 20.2  | 17.8  | 26.8  |



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

