

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF041015\  
 Data File : BF078431.D  
 Acq On : 11 Apr 2015 8:54  
 Operator : TP/IZ  
 Sample : G1744-06  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TD-2

Quant Time: Apr 13 03:28:17 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF040115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 13 02:33:18 2015  
 Response via : Initial Calibration

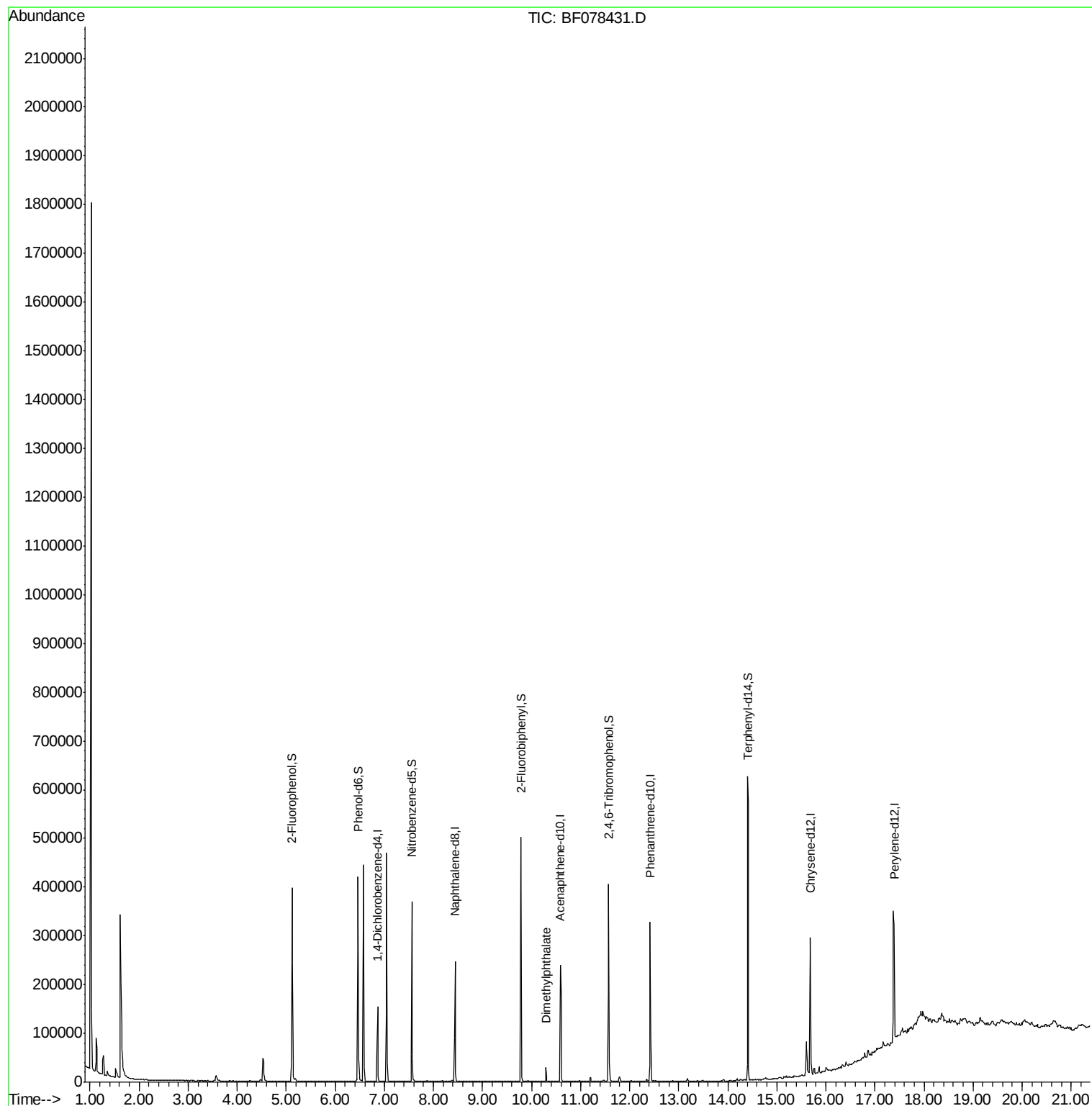
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.86  | 152  | 30703    | 20.00  | ng    | 0.01         |
| 21) Naphthalene-d8          | 8.44  | 136  | 125644   | 20.00  | ng    | 0.00         |
| 38) Acenaphthene-d10        | 10.59 | 164  | 63403    | 20.00  | ng    | 0.00         |
| 63) Phenanthrene-d10        | 12.42 | 188  | 129003   | 20.00  | ng    | 0.00         |
| 75) Chrysene-d12            | 15.69 | 240  | 145718   | 20.00  | ng    | 0.01         |
| 86) Perylene-d12            | 17.39 | 264  | 143084   | 20.00  | ng    | 0.08         |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.12  | 112  | 155091   | 83.28  | ng    | 0.01         |
| 7) Phenol-d6                | 6.46  | 99   | 197281   | 84.53  | ng    | 0.01         |
| 23) Nitrobenzene-d5         | 7.56  | 82   | 117361   | 56.62  | ng    | 0.00         |
| 41) 2,4,6-Tribromophenol    | 11.57 | 330  | 53063    | 100.91 | ng    | 0.01         |
| 44) 2-Fluorobiphenyl        | 9.79  | 172  | 247680   | 55.84  | ng    | 0.01         |
| 78) Terphenyl-d14           | 14.42 | 244  | 309098   | 47.93  | ng    | 0.01         |
| Target Compounds            |       |      |          |        |       |              |
| 49) Dimethylphthalate       | 10.29 | 163  | 15069    | 3.16   | ng    | Qvalue<br>99 |

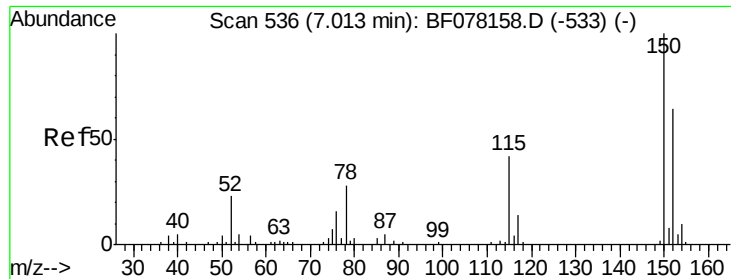
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF041015\  
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Quant Time: Apr 13 03:28:17 2015  
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF040115.M  
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QLast Update : Mon Apr 13 02:33:18 2015  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 523

Delta R.T. 0.01 min

Lab File: BF078431.D

Acq: 11 Apr 2015 8:54

Instrument :

BNA\_F

ClientSampleId :

TD-2

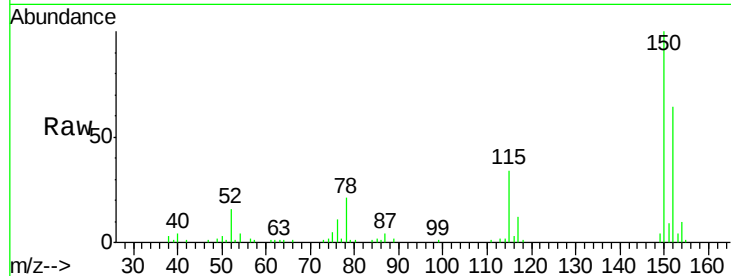
Tgt Ion:152 Resp: 30703

Ion Ratio Lower Upper

152 100

150 156.0 125.9 188.9

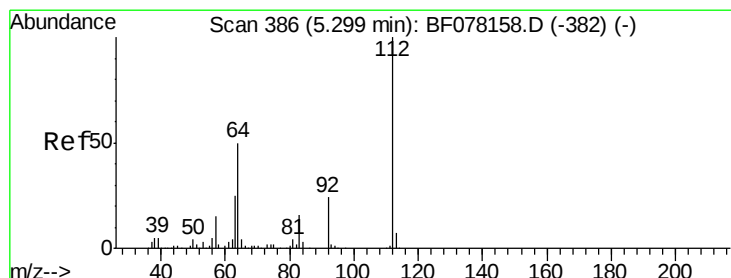
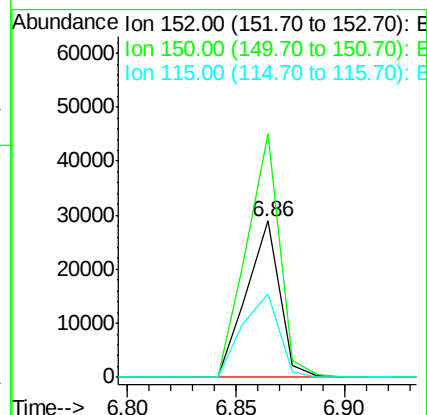
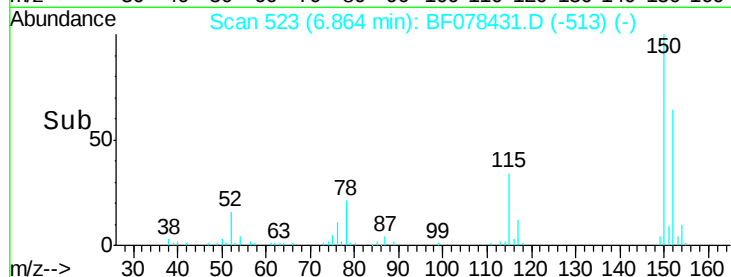
115 53.2 52.7 79.1



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: 83.28 ng

RT: 5.12 min Scan# 370

Delta R.T. 0.01 min

Lab File: BF078431.D

Acq: 11 Apr 2015 8:54

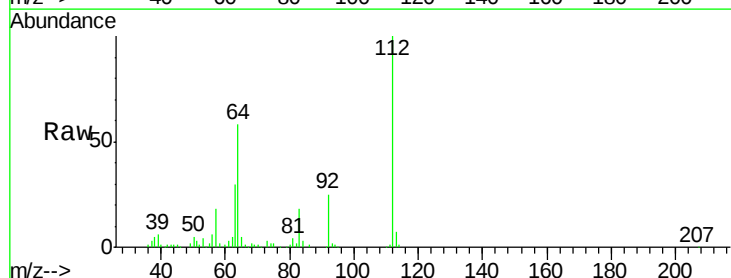
Tgt Ion:112 Resp: 155091

Ion Ratio Lower Upper

112 100

64 58.4 39.9 59.9

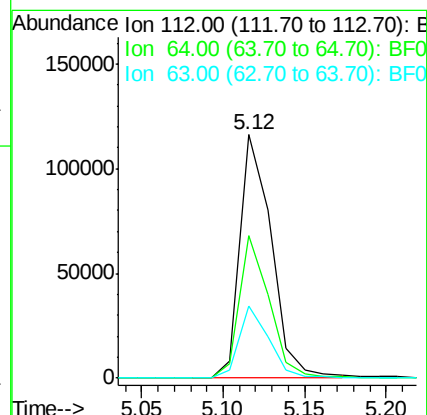
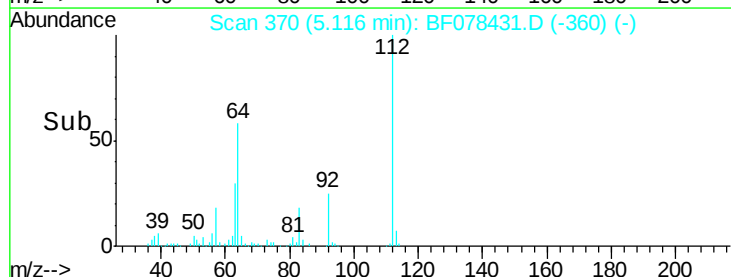
63 29.7 20.2 30.4

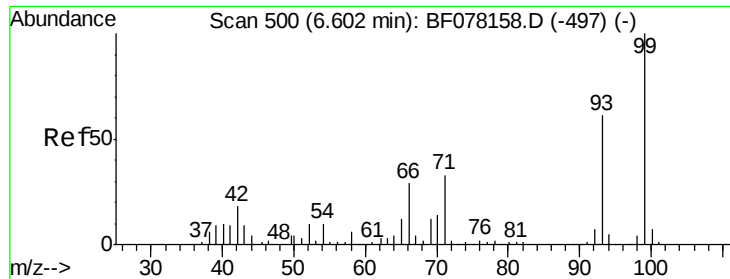


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 84.53 ng

RT: 6.46 min Scan# 488

Delta R.T. 0.01 min

Lab File: BF078431.D

Acq: 11 Apr 2015 8:54

Instrument :

BNA\_F

ClientSampled :

TD-2

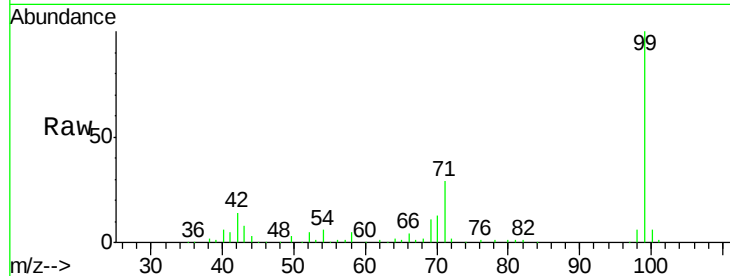
Tgt Ion: 99 Resp: 197281

Ion Ratio Lower Upper

99 100

42 14.3 14.8 22.2#

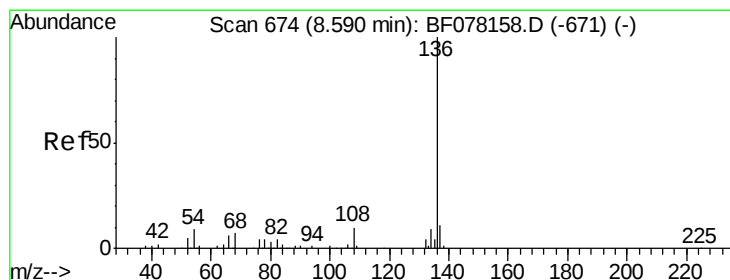
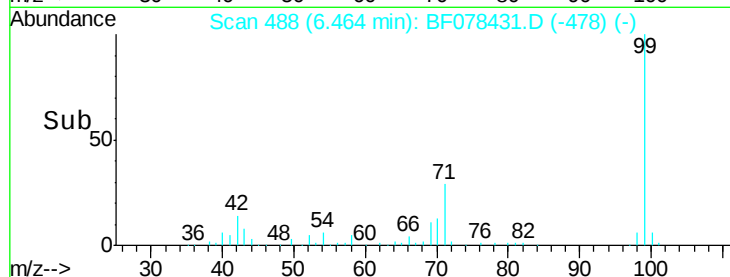
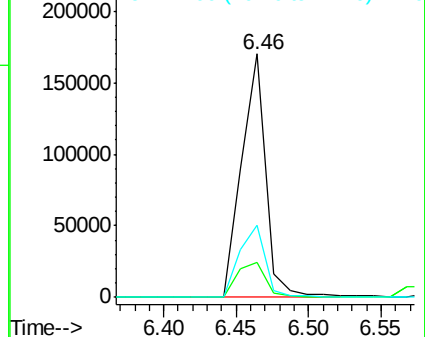
71 29.5 26.6 39.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.44 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF078431.D

Acq: 11 Apr 2015 8:54

Tgt Ion: 136 Resp: 125644

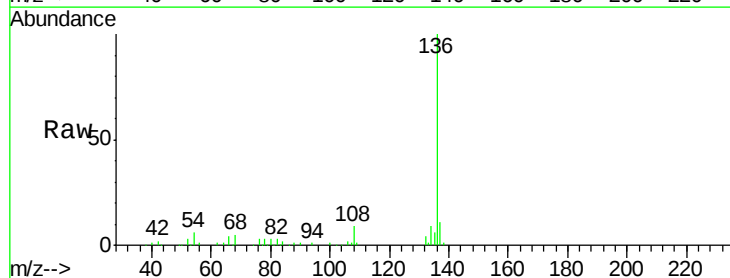
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 6.2 7.0 10.6#

68 4.9 5.4 8.2#

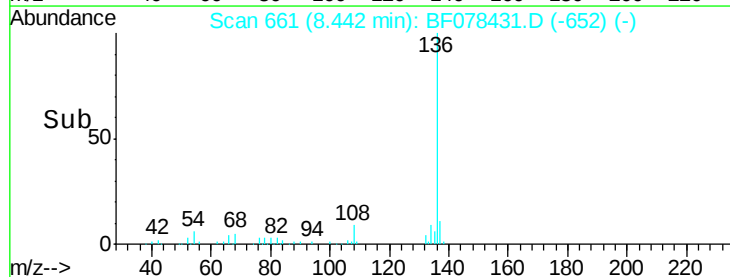
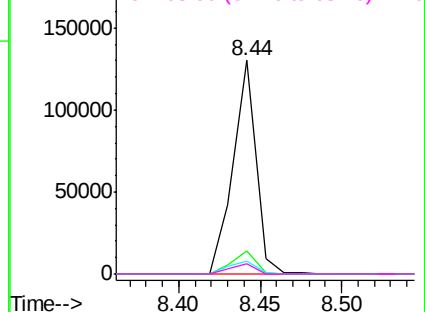


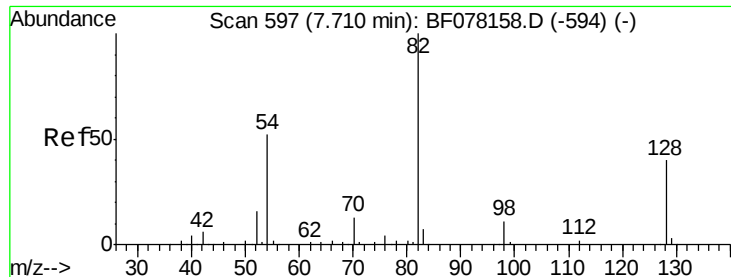
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

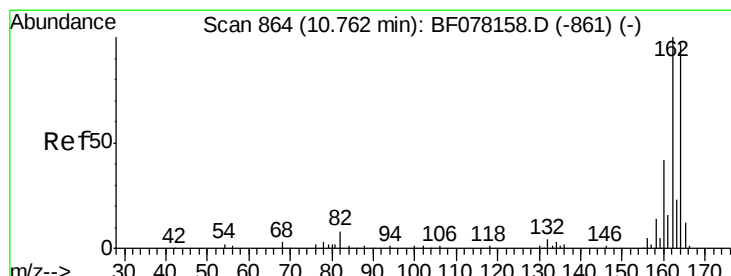
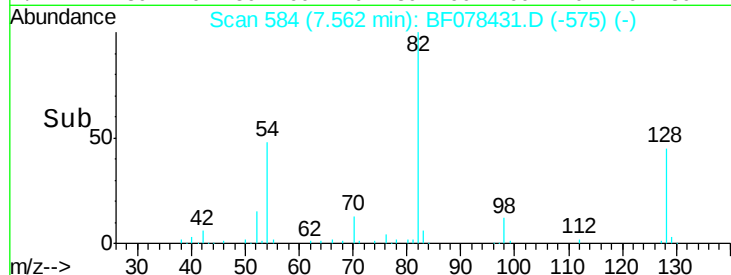
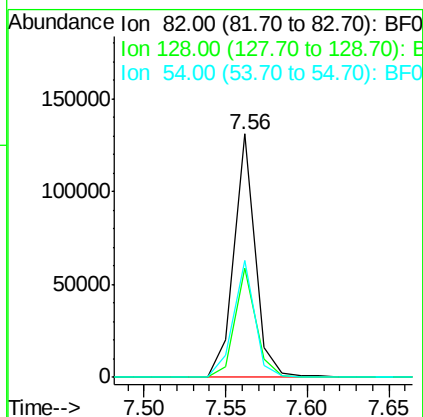
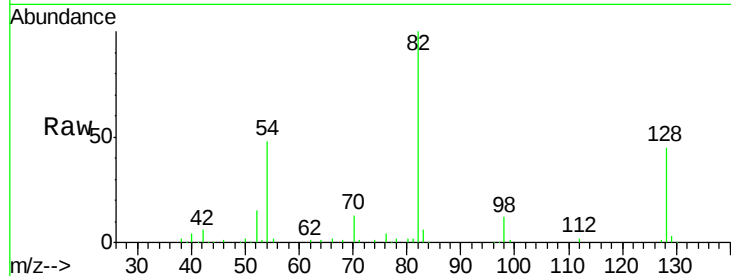




#23  
 Nitrobenzene-d5  
 Concen: 56.62 ng  
 RT: 7.56 min Scan# 584  
 Delta R.T. -0.00 min  
 Lab File: BF078431.D  
 Acq: 11 Apr 2015 8:54

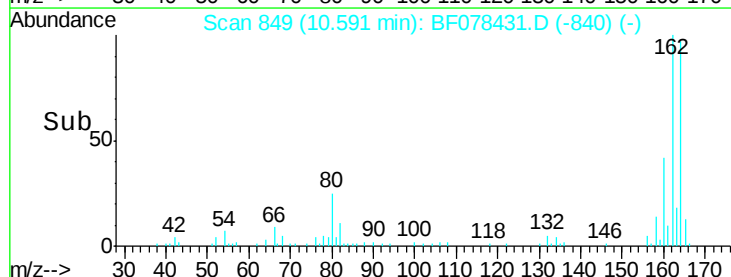
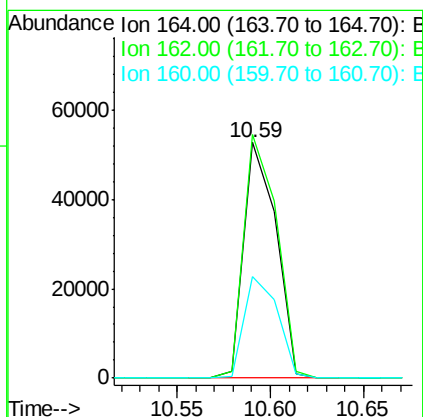
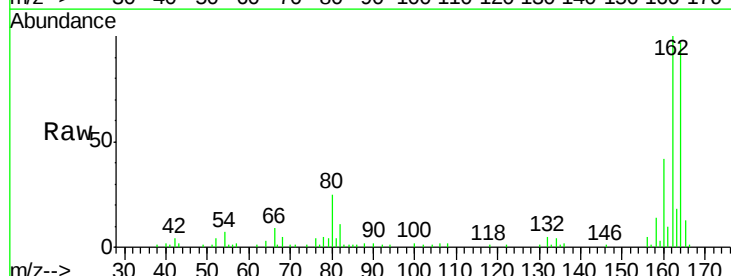
Instrument :  
 BNA\_F  
 ClientSampled :  
 TD-2

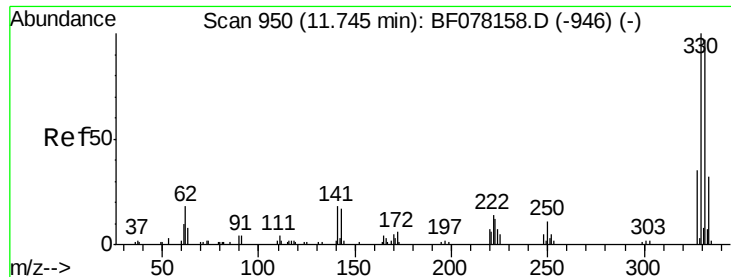
Tgt Ion: 82 Resp: 117361  
 Ion Ratio Lower Upper  
 82 100  
 128 45.0 31.8 47.8  
 54 47.9 41.5 62.3



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 10.59 min Scan# 849  
 Delta R.T. -0.00 min  
 Lab File: BF078431.D  
 Acq: 11 Apr 2015 8:54

Tgt Ion: 164 Resp: 63403  
 Ion Ratio Lower Upper  
 164 100  
 162 103.5 82.2 123.2  
 160 43.1 34.7 52.1

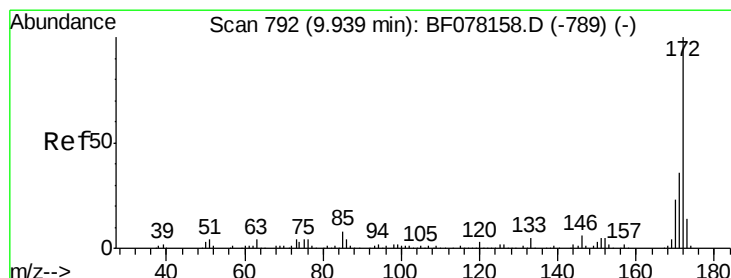
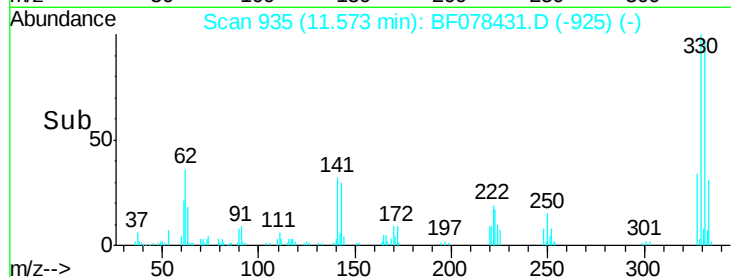
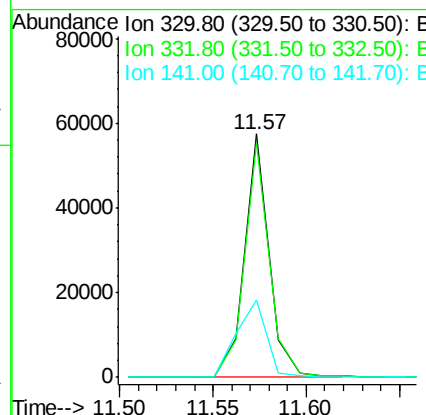
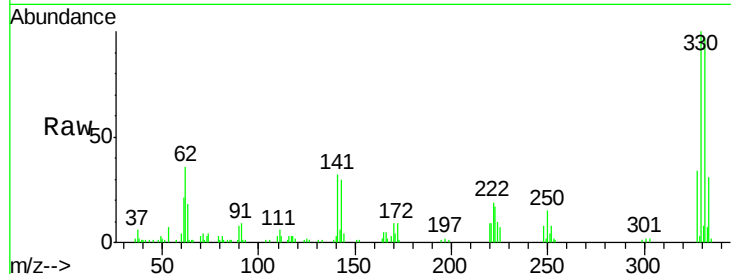




#41  
 2,4,6-Tribromophenol  
 Concen: 100.91 ng  
 RT: 11.57 min Scan# 935  
 Delta R.T. 0.01 min  
 Lab File: BF078431.D  
 Acq: 11 Apr 2015 8:54

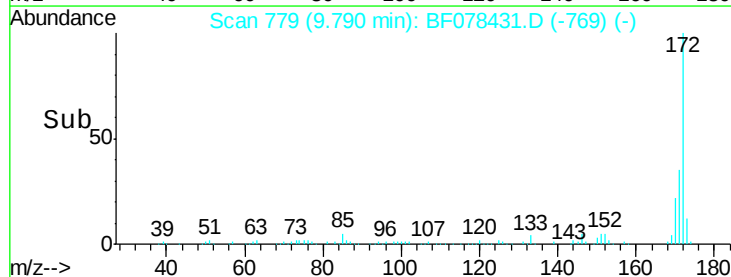
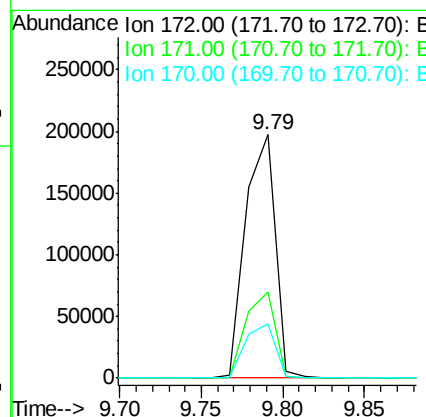
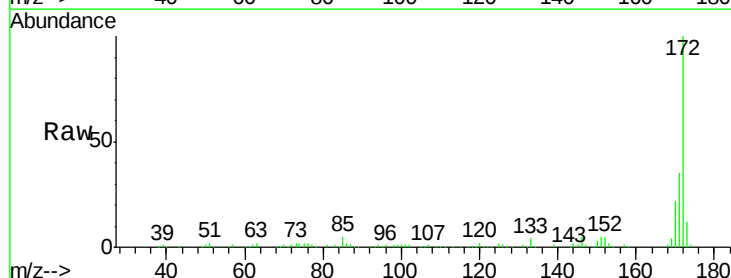
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TD-2

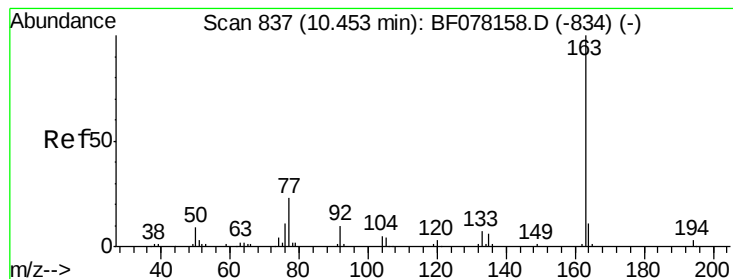
Tgt Ion:330 Resp: 53063  
 Ion Ratio Lower Upper  
 330 100  
 332 97.2 78.6 117.8  
 141 39.1 31.2 46.8



#44  
 2-Fluorobiphenyl  
 Concen: 55.84 ng  
 RT: 9.79 min Scan# 779  
 Delta R.T. 0.01 min  
 Lab File: BF078431.D  
 Acq: 11 Apr 2015 8:54

Tgt Ion:172 Resp: 247680  
 Ion Ratio Lower Upper  
 172 100  
 171 35.2 28.6 42.8  
 170 22.5 18.5 27.7





#49

Dimethylphthalate

Concen: 3.16 ng

RT: 10.29 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF078431.D

Acq: 11 Apr 2015 8:54

Instrument :

BNA\_F

ClientSampleId :

TD-2

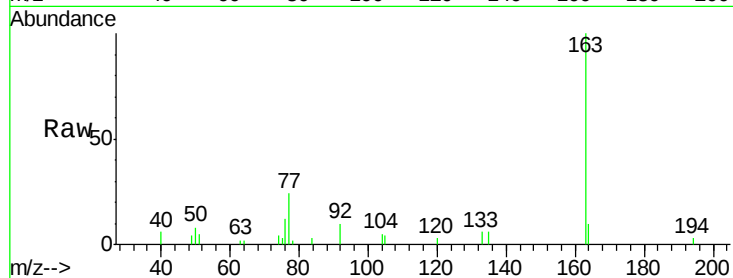
Tgt Ion:163 Resp: 15069

Ion Ratio Lower Upper

163 100

194 3.2 2.3 3.5

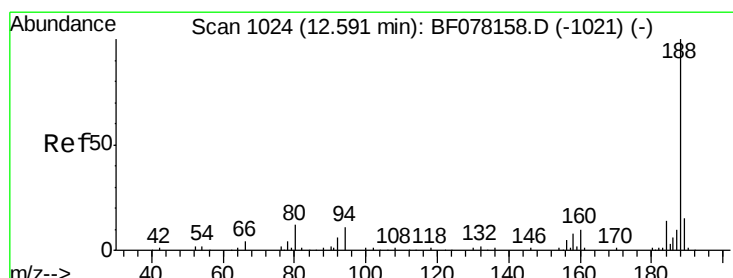
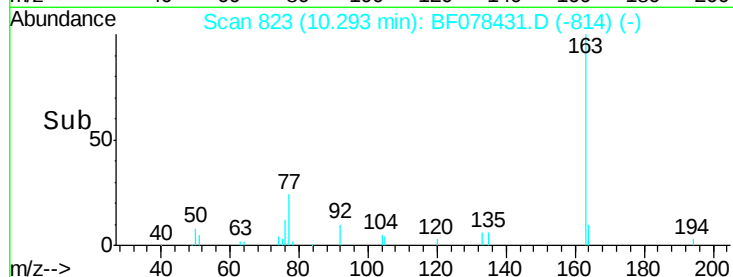
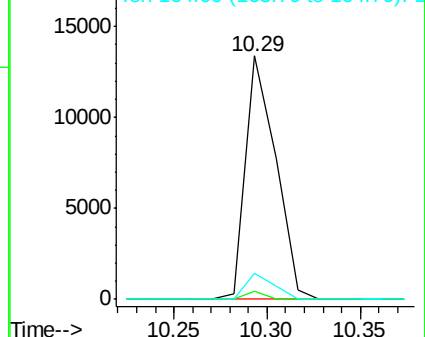
164 10.5 8.6 13.0



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: 12.42 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF078431.D

Acq: 11 Apr 2015 8:54

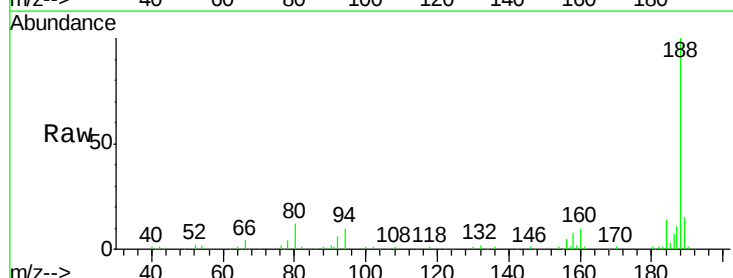
Tgt Ion:188 Resp: 129003

Ion Ratio Lower Upper

188 100

94 10.1 9.0 13.4

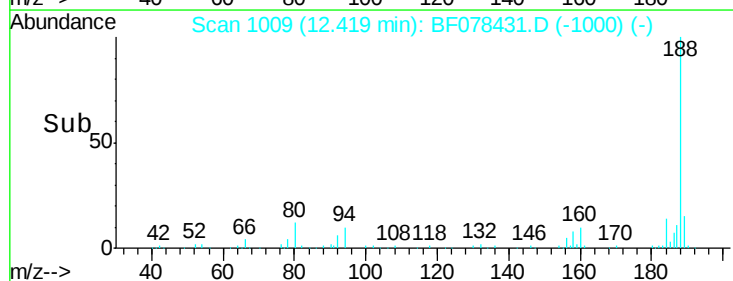
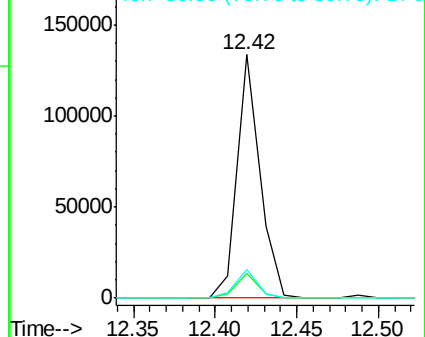
80 11.5 9.5 14.3

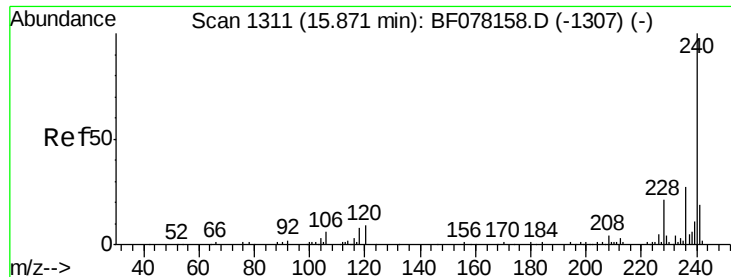


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

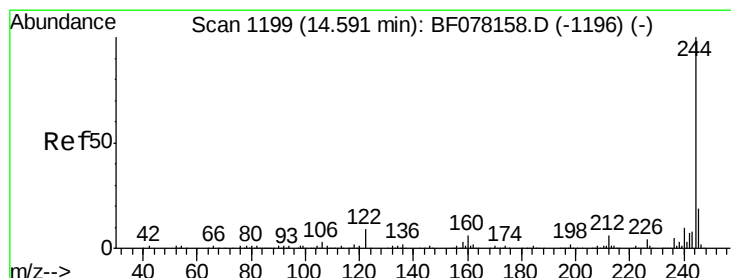
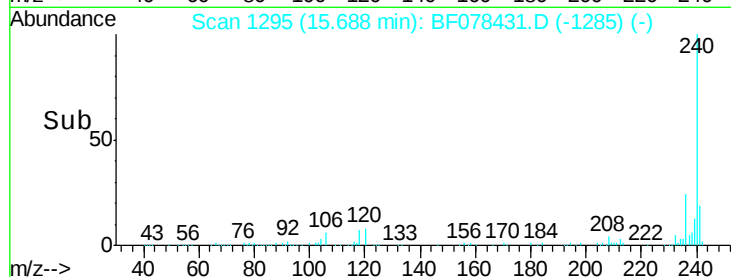
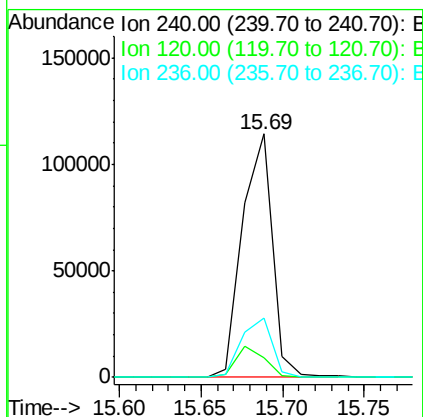
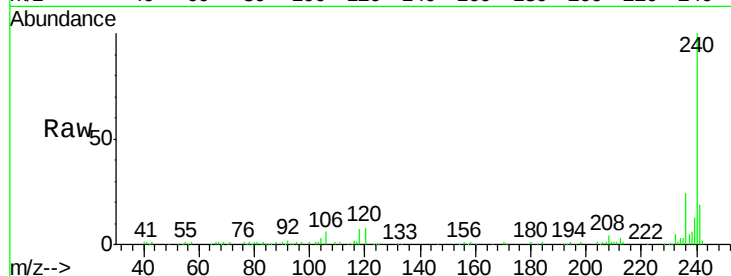




#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 15.69 min Scan# 1295  
 Delta R.T. 0.01 min  
 Lab File: BF078431.D  
 Acq: 11 Apr 2015 8:54

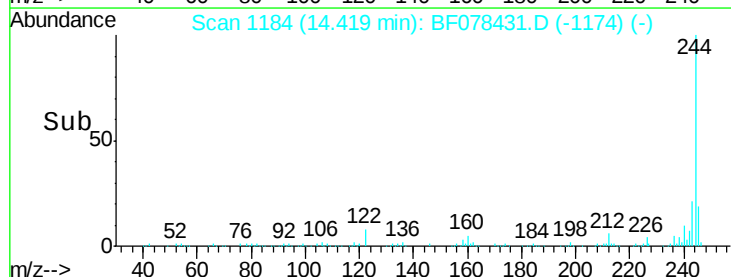
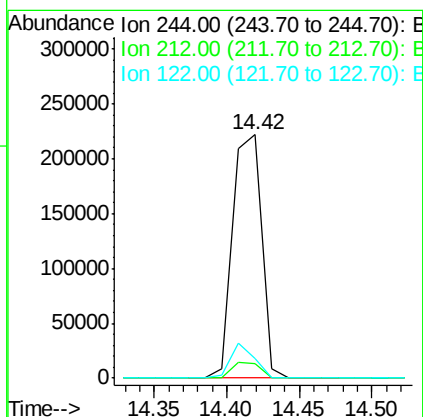
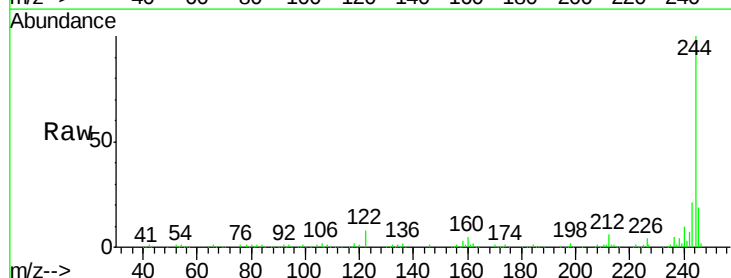
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TD-2

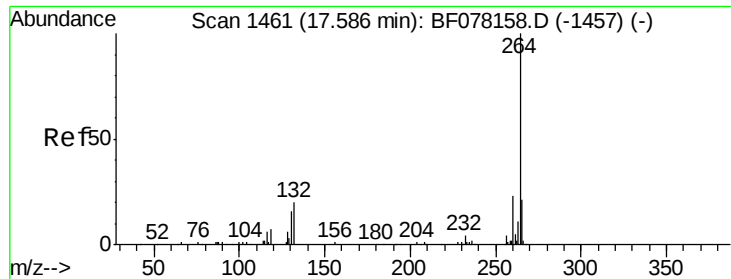
Tgt Ion: 240 Resp: 145718  
 Ion Ratio Lower Upper  
 240 100  
 120 8.2 7.1 10.7  
 236 24.4 21.4 32.2



#78  
 Terphenyl-d14  
 Concen: 47.93 ng  
 RT: 14.42 min Scan# 1184  
 Delta R.T. 0.01 min  
 Lab File: BF078431.D  
 Acq: 11 Apr 2015 8:54

Tgt Ion: 244 Resp: 309098  
 Ion Ratio Lower Upper  
 244 100  
 212 6.1 5.0 7.4  
 122 8.0 7.1 10.7

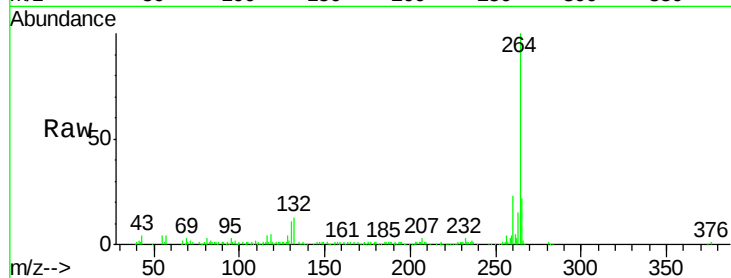




#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 17.39 min Scan# 1444  
Delta R.T. 0.08 min  
Lab File: BF078431.D  
Acq: 11 Apr 2015 8:54

Instrument :  
BNA\_F  
ClientSampleId :  
TD-2

Tgt Ion: 264 Resp: 143084  
Ion Ratio Lower Upper  
264 100  
260 23.5 18.6 27.8  
265 21.7 17.0 25.6



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

