

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF010915\  
 Data File : BF076804.D  
 Acq On : 10 Jan 2015 1:40  
 Operator : IZ / TP  
 Sample : G1052-05  
 Misc : W DOD  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 S8-0409B

Quant Time: Jan 10 02:45:36 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF010915.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jan 10 00:24:49 2015  
 Response via : Initial Calibration

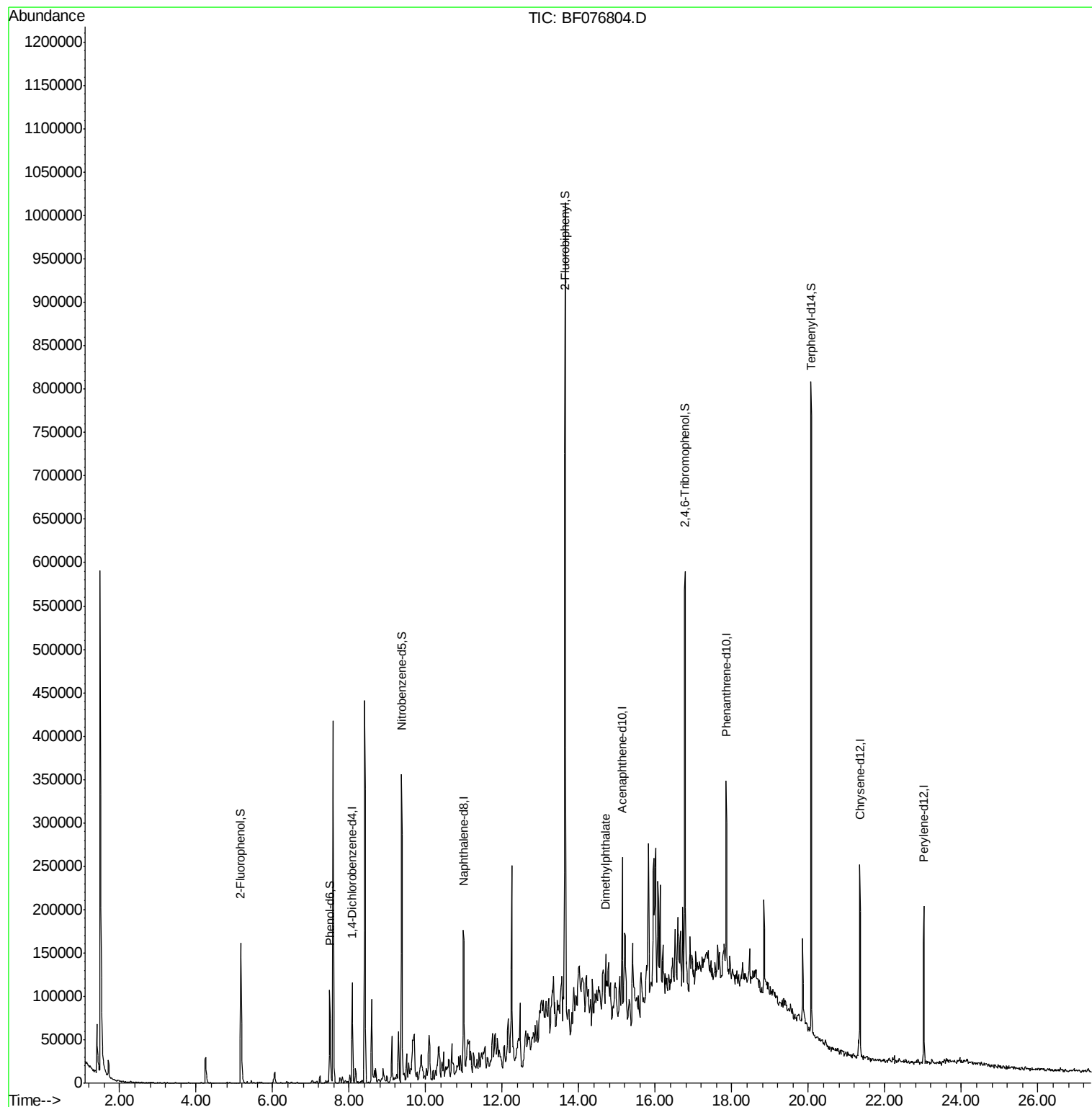
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 8.08  | 152  | 26970    | 20.00  | ng    | 0.00           |
| 21) Naphthalene-d8          | 10.98 | 136  | 120205   | 20.00  | ng    | -0.01          |
| 38) Acenaphthene-d10        | 15.13 | 164  | 68061    | 20.00  | ng    | 0.00           |
| 63) Phenanthrene-d10        | 17.85 | 188  | 105038   | 20.00  | ng    | 0.00           |
| 75) Chrysene-d12            | 21.34 | 240  | 103978   | 20.00  | ng    | -0.01          |
| 86) Perylene-d12            | 23.02 | 264  | 91462    | 20.00  | ng    | 0.00           |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 5.17  | 112  | 91853    | 56.02  | ng    | -0.01          |
| 7) Phenol-d6                | 7.49  | 99   | 64635    | 31.29  | ng    | -0.01          |
| 23) Nitrobenzene-d5         | 9.37  | 82   | 192478   | 87.13  | ng    | -0.01          |
| 41) 2,4,6-Tribromophenol    | 16.78 | 330  | 68919    | 118.18 | ng    | 0.00           |
| 44) 2-Fluorobiphenyl        | 13.65 | 172  | 379832   | 81.21  | ng    | 0.00           |
| 78) Terphenyl-d14           | 20.08 | 244  | 350357   | 72.58  | ng    | 0.01           |
| Target Compounds            |       |      |          |        |       |                |
| 49) Dimethylphthalate       | 14.71 | 163  | 19626    | 3.93   | ng    | Qvalue<br># 94 |

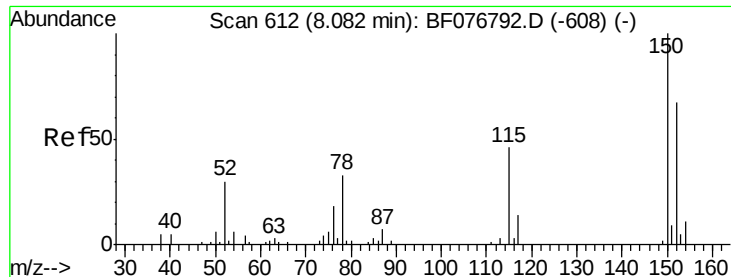
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF010915\  
Data File : BF076804.D  
Acq On : 10 Jan 2015 1:40  
Operator : IZ / TP  
Sample : G1052-05  
Misc : W DOD  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
S8-0409B

Quant Time: Jan 10 02:45:36 2015  
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF010915.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jan 10 00:24:49 2015  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 612

Delta R.T. 0.00 min

Lab File: BF076804.D

Acq: 10 Jan 2015 1:40

Instrument :

BNA\_F

ClientSampleId :

S8-0409B

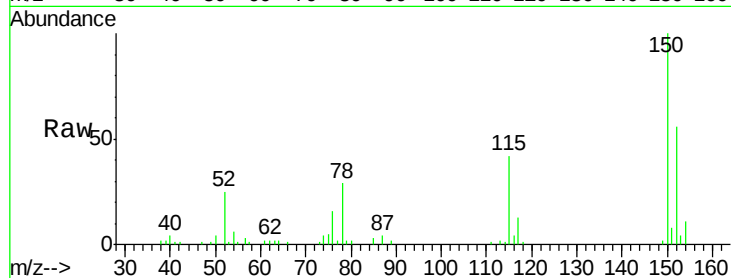
Tgt Ion:152 Resp: 26970

Ion Ratio Lower Upper

152 100

150 180.0 119.5 179.3#

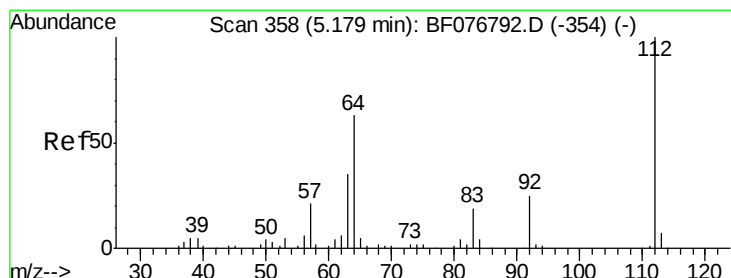
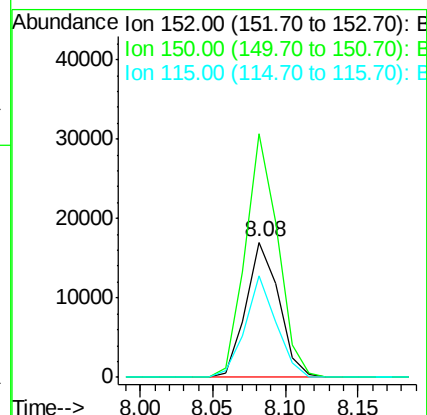
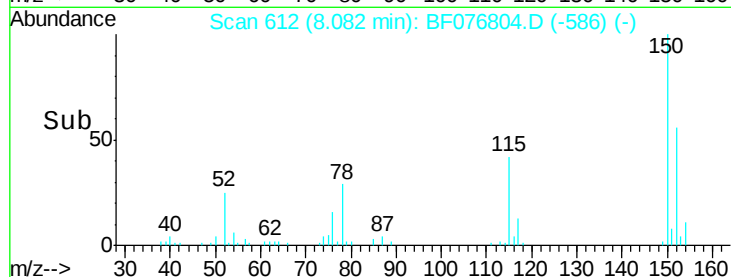
115 74.8 54.6 81.8



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: 56.02 ng

RT: 5.17 min Scan# 357

Delta R.T. -0.01 min

Lab File: BF076804.D

Acq: 10 Jan 2015 1:40

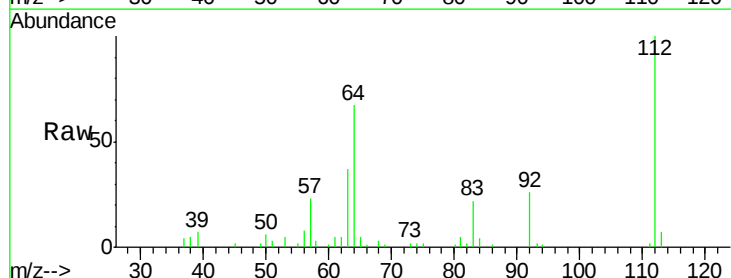
Tgt Ion:112 Resp: 91853

Ion Ratio Lower Upper

112 100

64 66.7 50.2 75.4

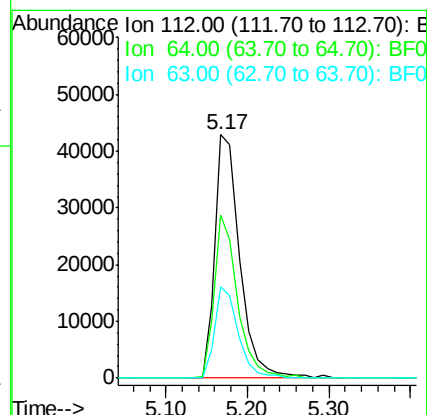
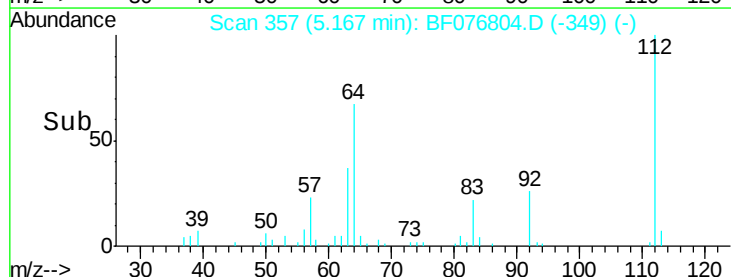
63 37.4 27.8 41.6

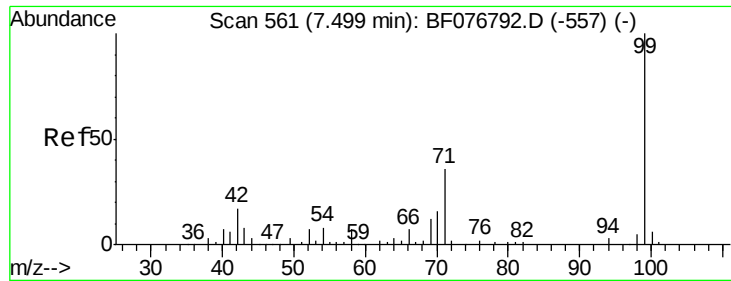


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 31.29 ng

RT: 7.49 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF076804.D

Acq: 10 Jan 2015 1:40

Instrument :

BNA\_F

ClientSampleId :

S8-0409B

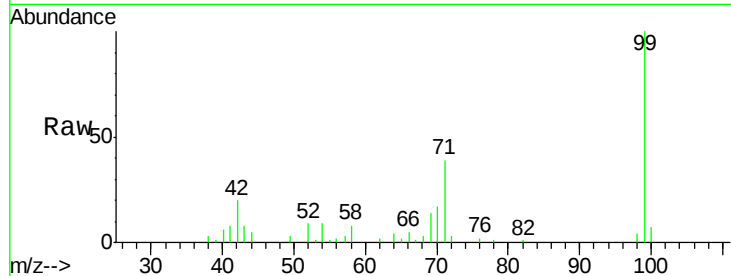
Tgt Ion: 99 Resp: 64635

Ion Ratio Lower Upper

99 100

42 20.1 13.3 19.9#

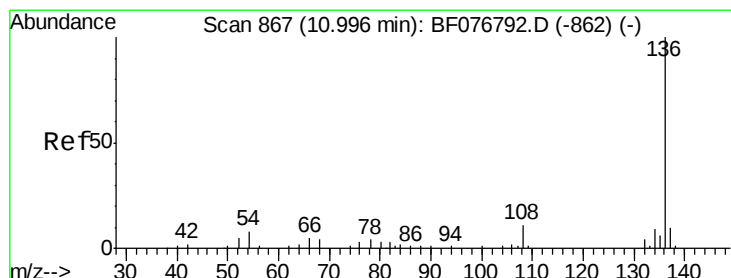
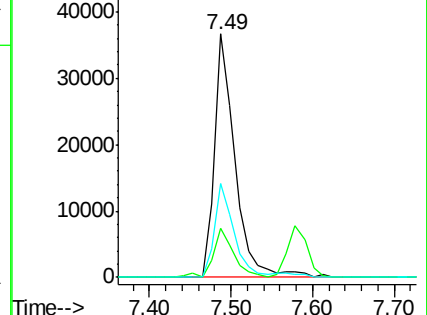
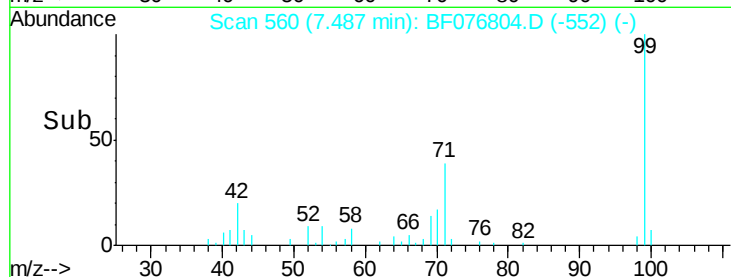
71 38.5 29.2 43.8



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: 10.98 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF076804.D

Acq: 10 Jan 2015 1:40

Tgt Ion: 136 Resp: 120205

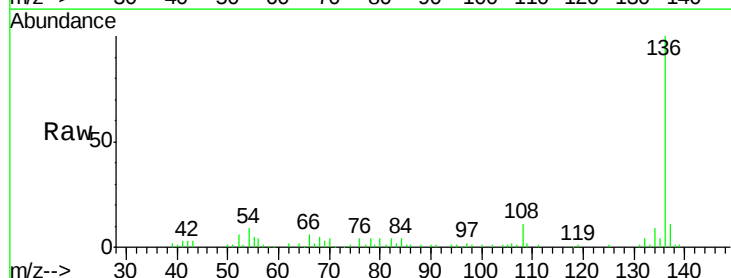
Ion Ratio Lower Upper

136 100

137 10.7 8.1 12.1

54 8.5 6.3 9.5

68 5.1 3.4 5.0#

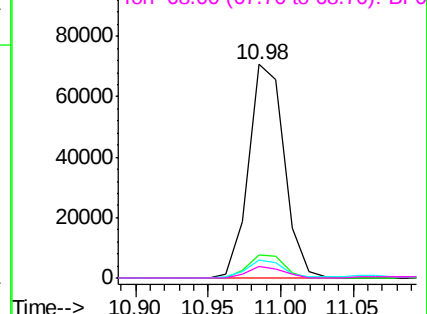
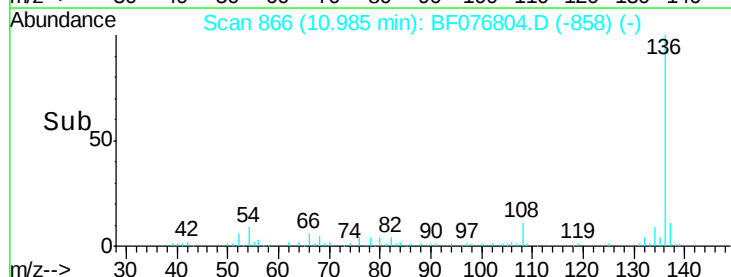


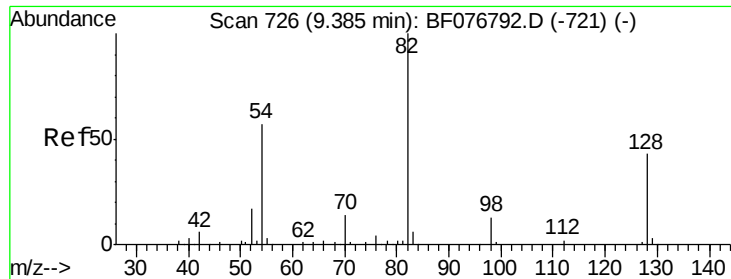
Abundance Ion 136.00 (135.70 to 136.70): E

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

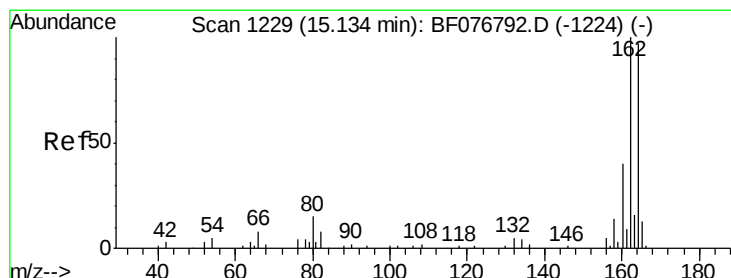
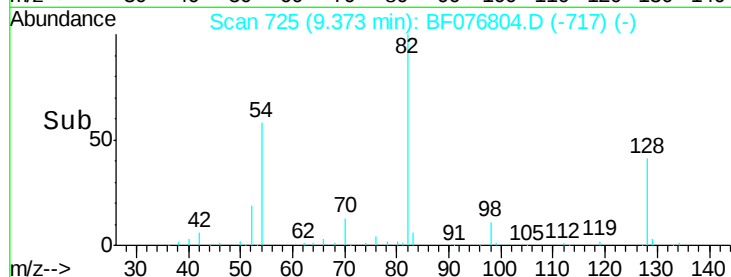
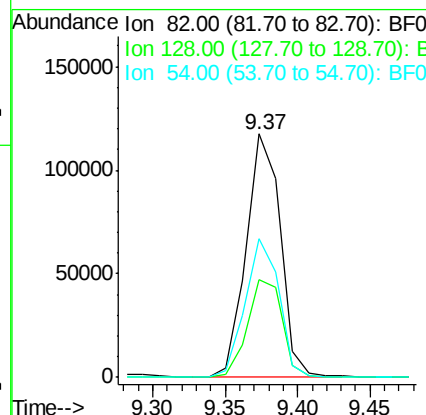
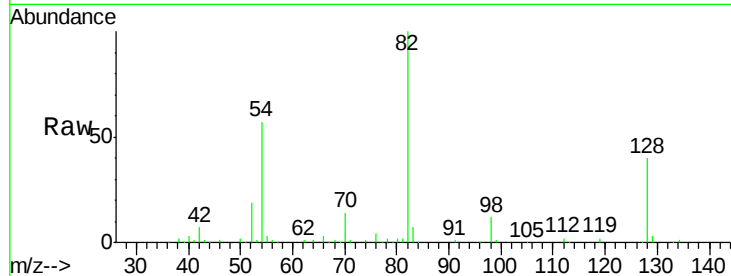




#23  
 Nitrobenzene-d5  
 Concen: 87.13 ng  
 RT: 9.37 min Scan# 725  
 Delta R.T. -0.01 min  
 Lab File: BF076804.D  
 Acq: 10 Jan 2015 1:40

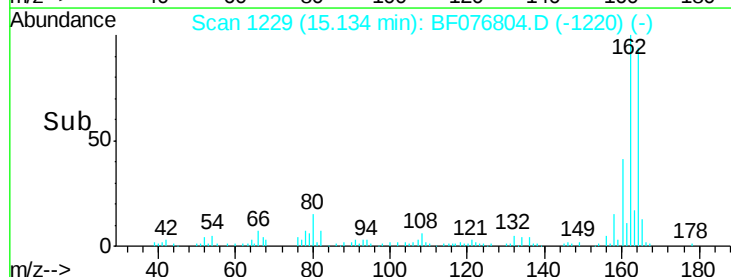
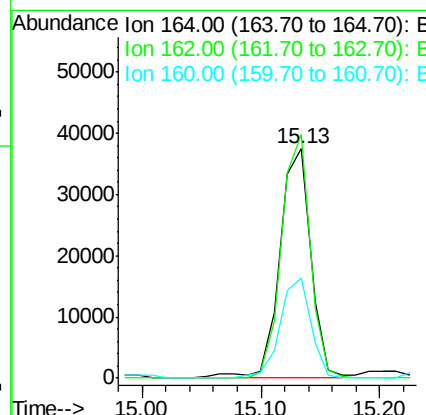
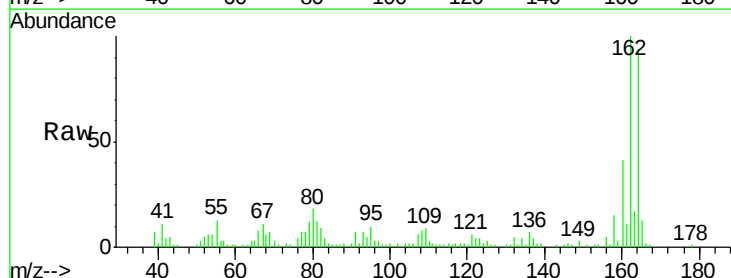
Instrument :  
 BNA\_F  
 ClientSampleId :  
 S8-0409B

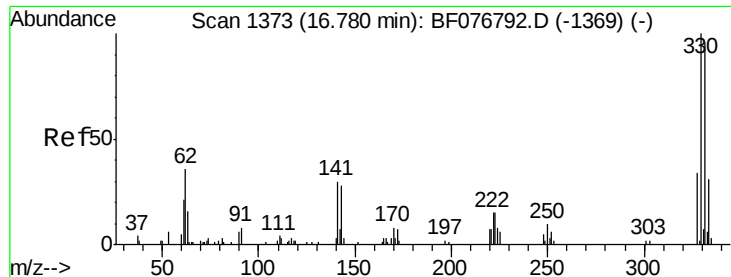
Tgt Ion: 82 Resp: 192478  
 Ion Ratio Lower Upper  
 82 100  
 128 40.3 34.0 51.0  
 54 57.1 45.6 68.4



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 15.13 min Scan# 1229  
 Delta R.T. 0.00 min  
 Lab File: BF076804.D  
 Acq: 10 Jan 2015 1:40

Tgt Ion: 164 Resp: 68061  
 Ion Ratio Lower Upper  
 164 100  
 162 106.2 82.5 123.7  
 160 43.9 33.1 49.7

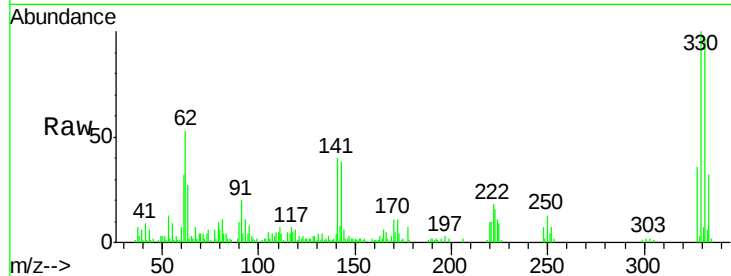




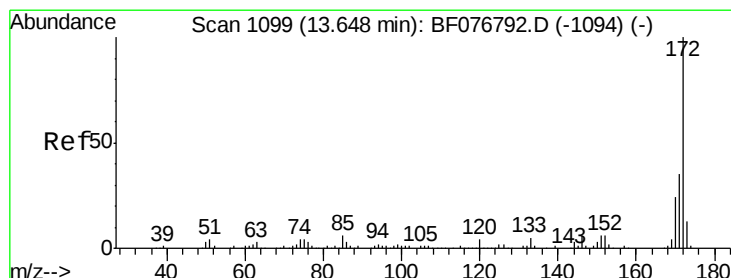
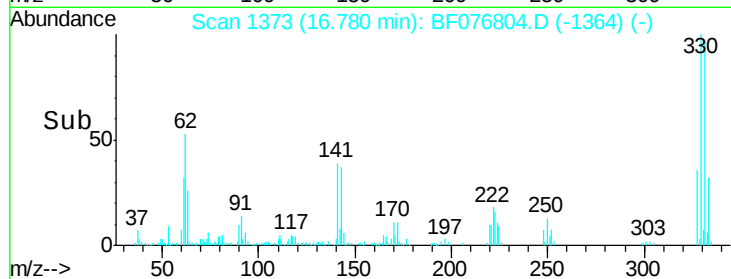
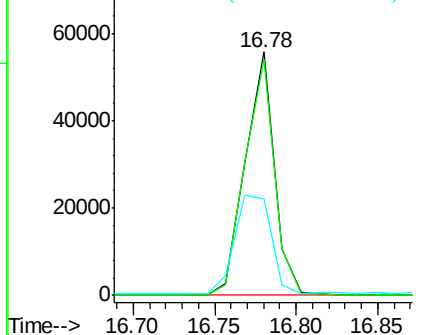
#41  
 2,4,6-Tribromophenol  
 Concen: 118.18 ng  
 RT: 16.78 min Scan# 1373  
 Delta R.T. 0.00 min  
 Lab File: BF076804.D  
 Acq: 10 Jan 2015 1:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 S8-0409B

Tgt Ion:330 Resp: 68919  
 Ion Ratio Lower Upper  
 330 100  
 332 98.3 74.8 112.2  
 141 50.5 42.4 63.6

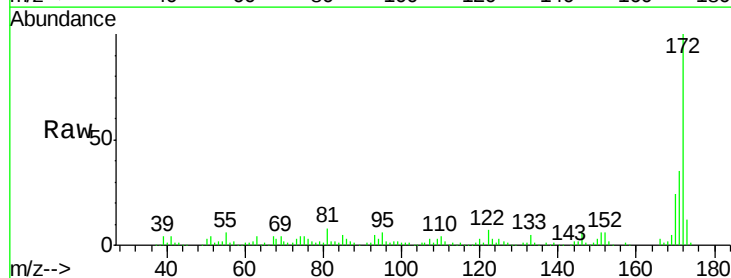


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

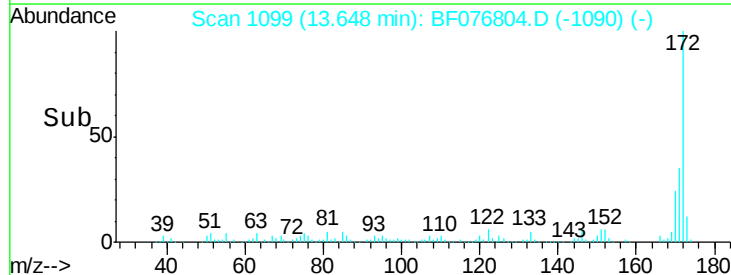
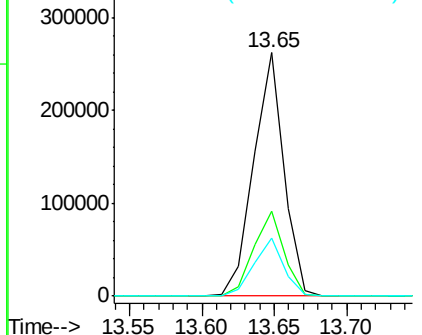


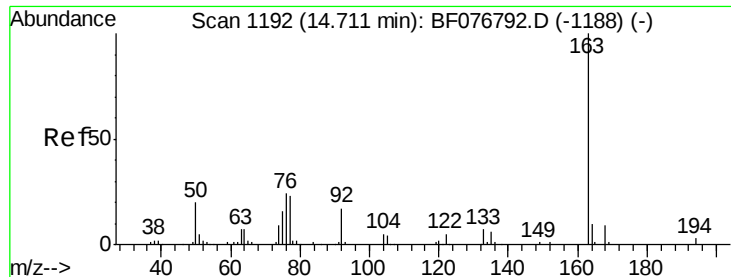
#44  
 2-Fluorobiphenyl  
 Concen: 81.21 ng  
 RT: 13.65 min Scan# 1099  
 Delta R.T. 0.00 min  
 Lab File: BF076804.D  
 Acq: 10 Jan 2015 1:40

Tgt Ion:172 Resp: 379832  
 Ion Ratio Lower Upper  
 172 100  
 171 35.0 27.8 41.8  
 170 23.8 18.8 28.2



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: 3.93 ng

RT: 14.71 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF076804.D

Acq: 10 Jan 2015 1:40

Instrument :

BNA\_F

ClientSampleId :

S8-0409B

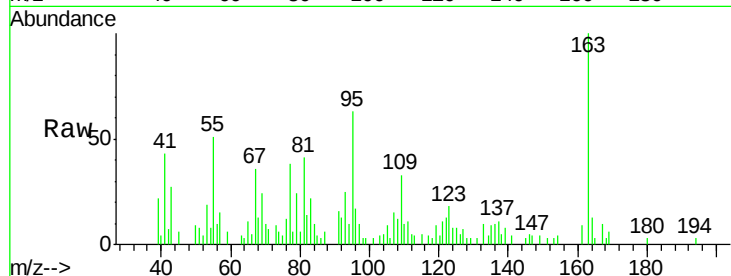
Tgt Ion:163 Resp: 19626

Ion Ratio Lower Upper

163 100

194 3.1 2.3 3.5

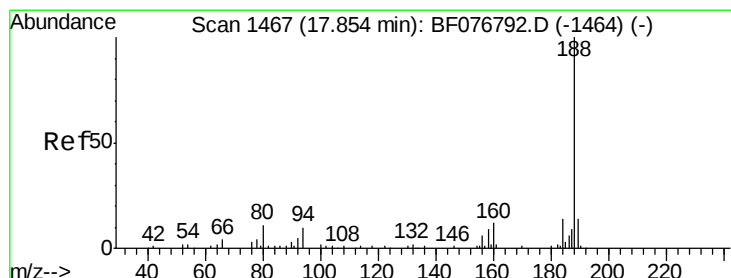
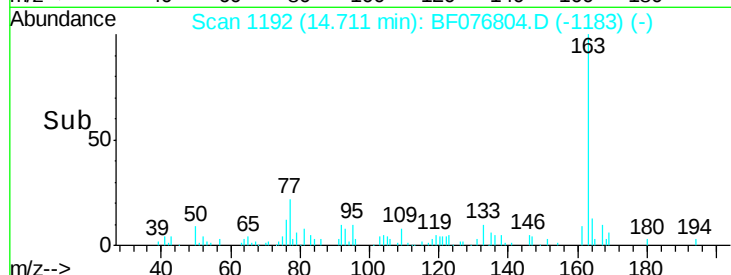
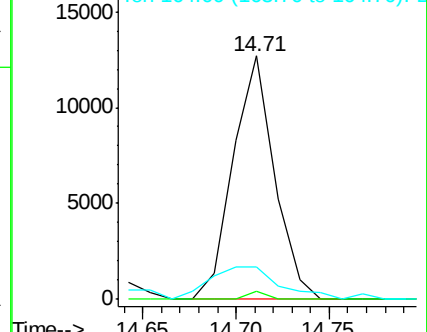
164 13.2 8.3 12.5#



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: 17.85 min Scan# 1467

Delta R.T. 0.00 min

Lab File: BF076804.D

Acq: 10 Jan 2015 1:40

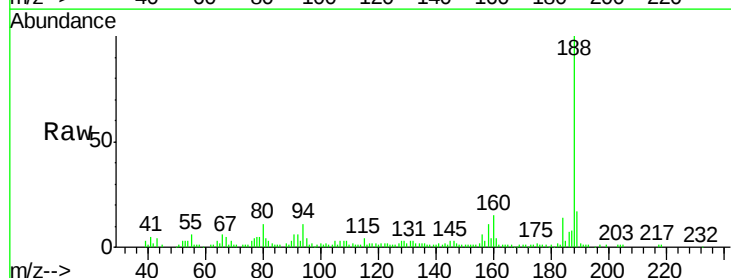
Tgt Ion:188 Resp: 105038

Ion Ratio Lower Upper

188 100

94 10.8 7.8 11.6

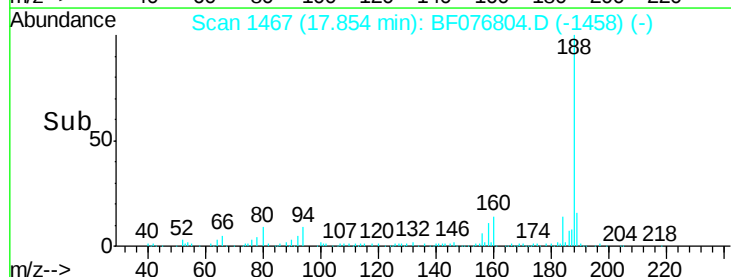
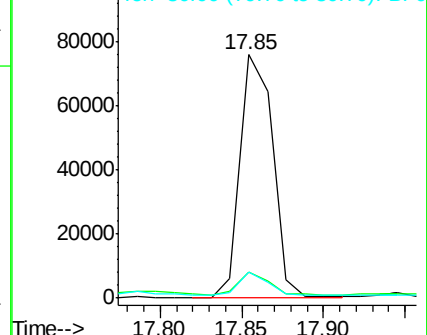
80 10.9 8.6 13.0

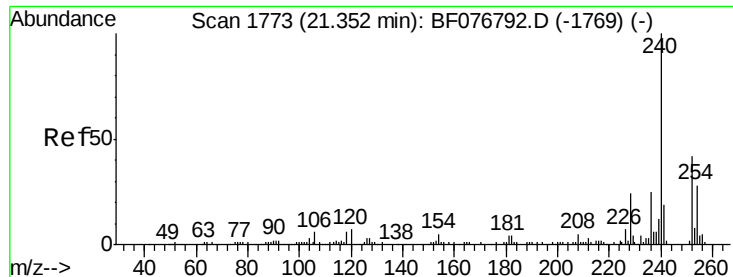


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.34 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BF076804.D

Acq: 10 Jan 2015 1:40

Instrument :

BNA\_F

ClientSampleId :

S8-0409B

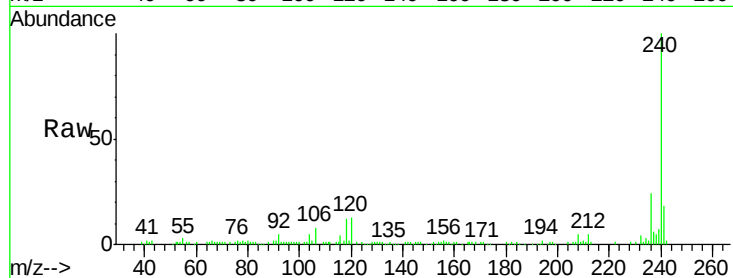
Tgt Ion:240 Resp: 103978

Ion Ratio Lower Upper

240 100

120 12.8 5.7 8.5#

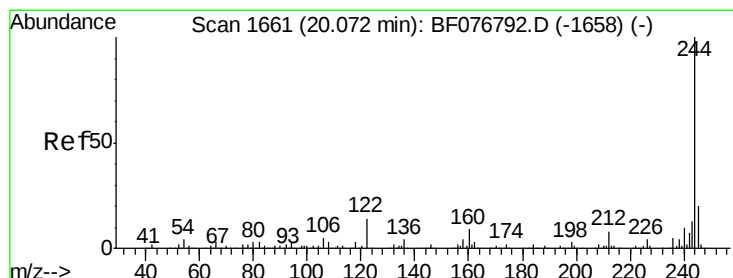
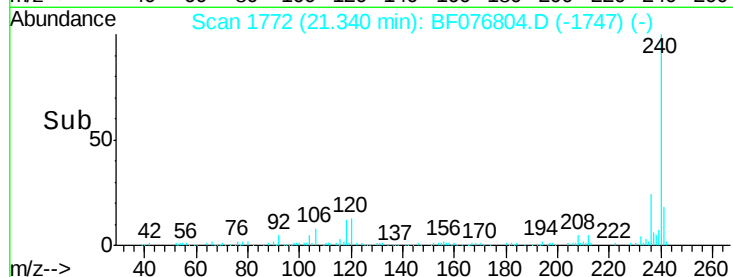
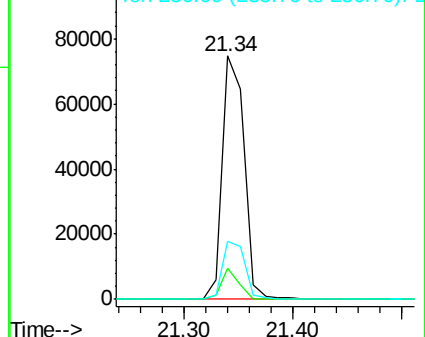
236 24.0 19.7 29.5



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: 72.58 ng

RT: 20.08 min Scan# 1662

Delta R.T. 0.01 min

Lab File: BF076804.D

Acq: 10 Jan 2015 1:40

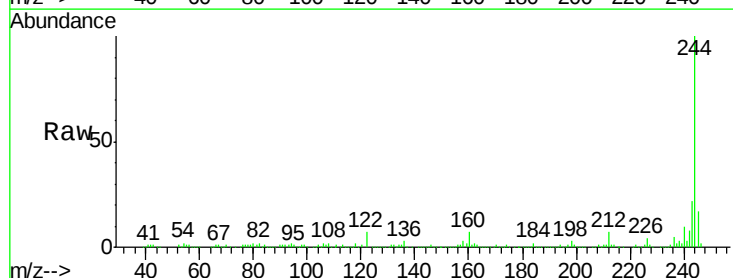
Tgt Ion:244 Resp: 350357

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.2

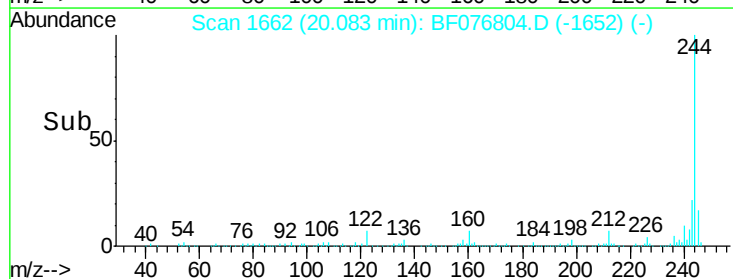
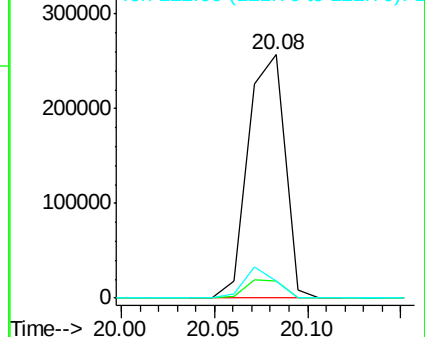
122 7.3 11.3 16.9#

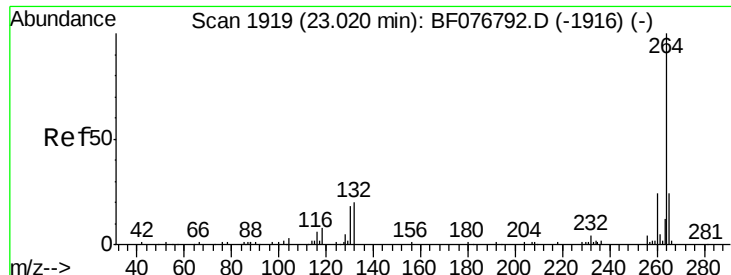


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

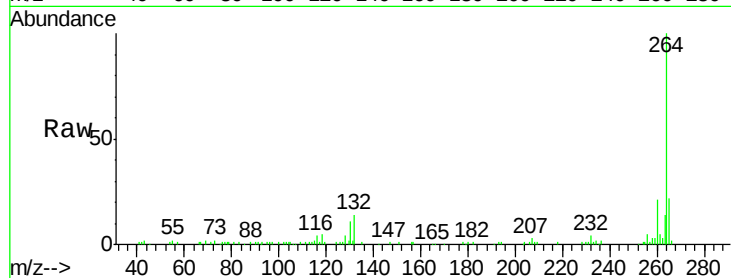




#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.02 min Scan# 1919  
Delta R.T. 0.00 min  
Lab File: BF076804.D  
Acq: 10 Jan 2015 1:40

Instrument :  
BNA\_F  
ClientSampleId :  
S8-0409B

Tgt Ion: 264 Resp: 91462  
Ion Ratio Lower Upper  
264 100  
260 21.4 19.4 29.0  
265 22.0 18.9 28.3



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

