

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110615\  
 Data File : BF082726.D  
 Acq On : 5 Nov 2015 13:40  
 Operator : UM/IZ  
 Sample : G4241-13  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-10(2-4)

Quant Time: Nov 06 02:42:00 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 03 12:27:47 2015  
 Response via : Initial Calibration

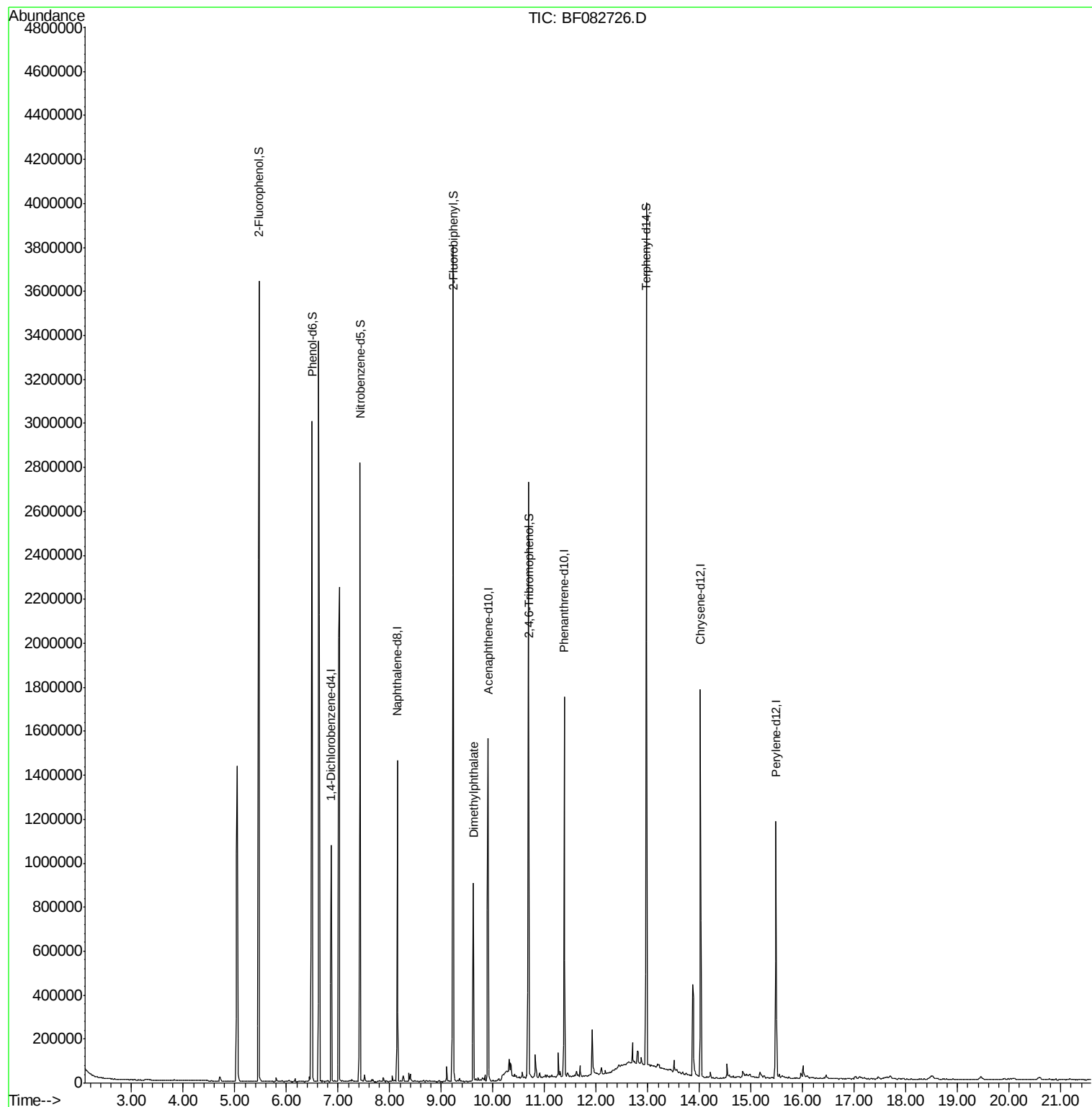
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.86  | 152  | 172291   | 20.00  | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.14  | 136  | 613506   | 20.00  | ng    | -0.02    |
| 38) Acenaphthene-d10        | 9.90  | 164  | 358555   | 20.00  | ng    | -0.02    |
| 63) Phenanthrene-d10        | 11.38 | 188  | 646449   | 20.00  | ng    | -0.03    |
| 75) Chrysene-d12            | 14.02 | 240  | 673801   | 20.00  | ng    | -0.03    |
| 86) Perylene-d12            | 15.48 | 264  | 558166   | 20.00  | ng    | -0.02    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.47  | 112  | 1148160  | 100.37 | ng    | 0.00     |
| 7) Phenol-d6                | 6.50  | 99   | 1562147  | 102.79 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.42  | 82   | 1041312  | 69.31  | ng    | -0.02    |
| 41) 2,4,6-Tribromophenol    | 10.69 | 330  | 440796   | 112.33 | ng    | -0.02    |
| 44) 2-Fluorobiphenyl        | 9.23  | 172  | 1449778  | 57.41  | ng    | -0.02    |
| 78) Terphenyl-d14           | 12.97 | 244  | 1427345  | 46.36  | ng    | -0.03    |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 49) Dimethylphthalate       | 9.62  | 163  | 343065   | 11.72  | ng    | 98       |

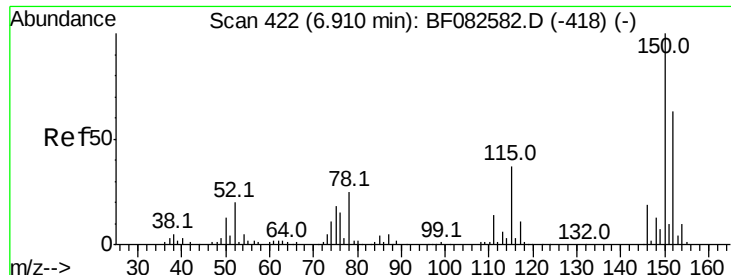
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Nov 03 12:27:47 2015  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF082726.D

Acq: 5 Nov 2015 13:40

Instrument :

BNA\_F

ClientSampleId :

SB-10(2-4)

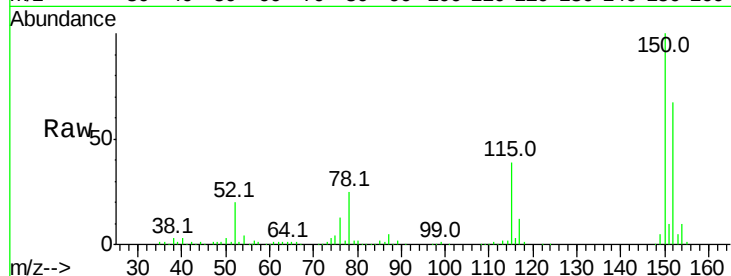
Tot Ion:152 Resp: 172291

Ion Ratio Lower Upper

152 100

150 149.2 127.0 190.4

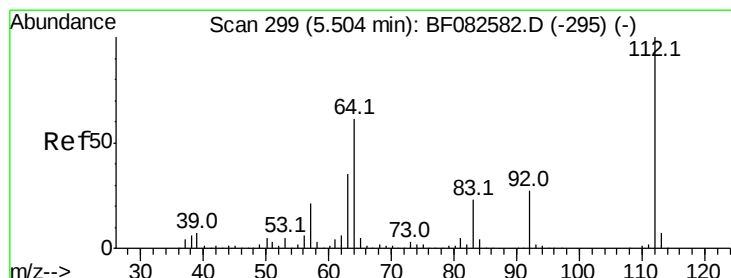
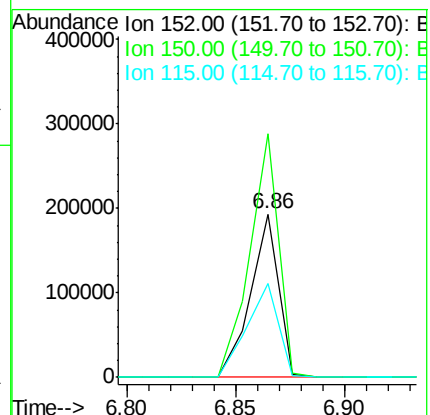
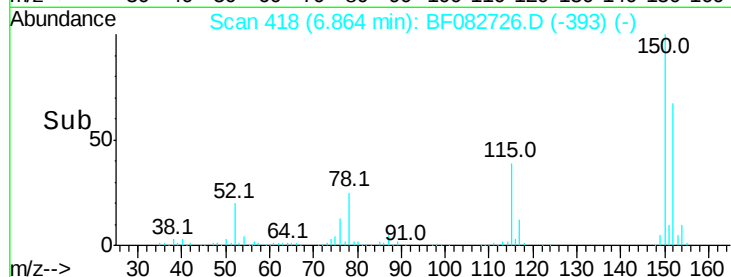
115 57.5 47.0 70.6



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: 100.37 ng

RT: 5.47 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF082726.D

Acq: 5 Nov 2015 13:40

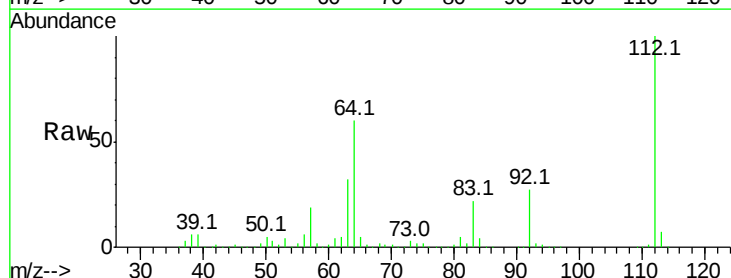
Tgt Ion:112 Resp: 1148160

Ion Ratio Lower Upper

112 100

64 59.7 48.9 73.3

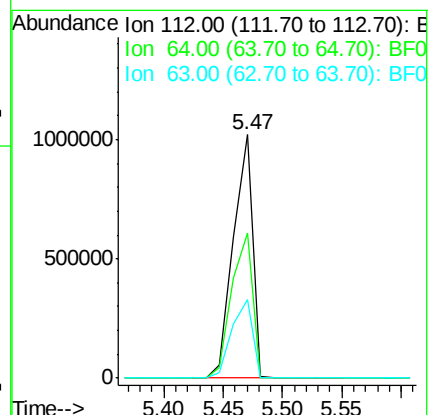
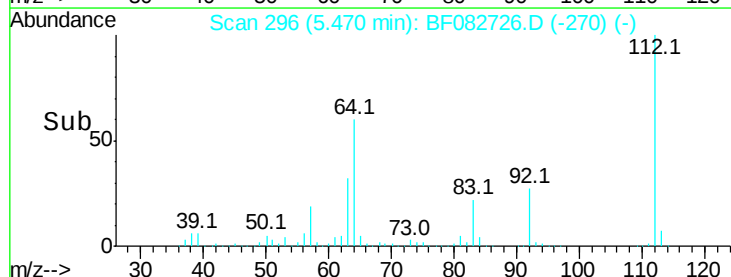
63 32.4 28.1 42.1

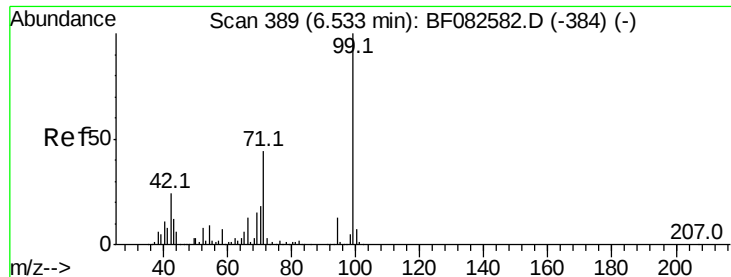


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 102.79 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082726.D

Acq: 5 Nov 2015 13:40

Instrument :

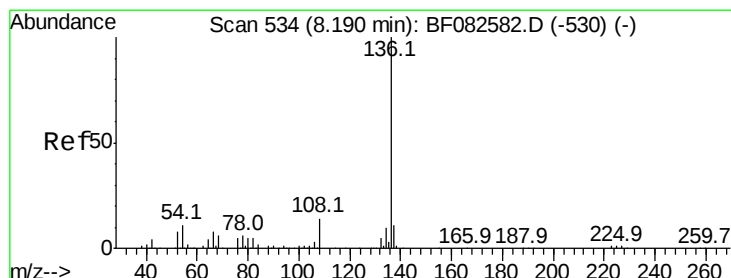
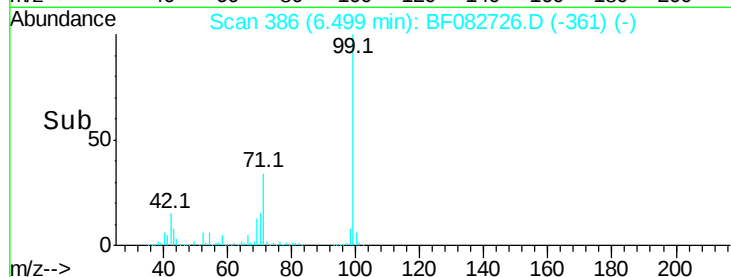
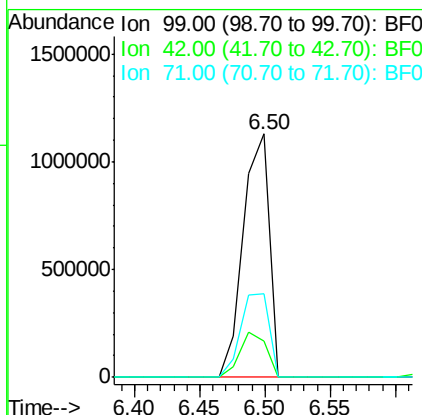
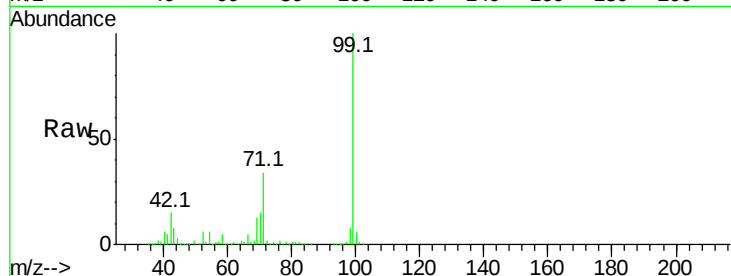
BNA\_F

ClientSampleId :

SB-10(2-4)

Tot Ion: 99 Resp: 1562147

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 15.0  | 19.2  | 28.8# |
| 71  | 34.5  | 35.0  | 52.4# |



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

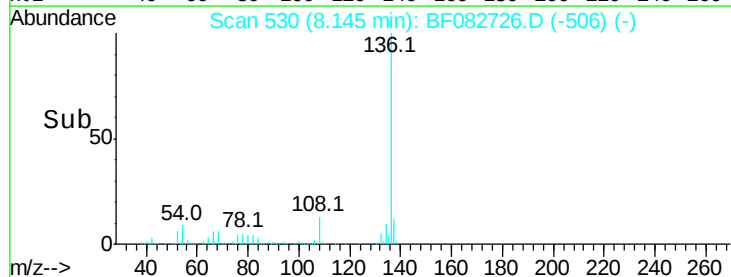
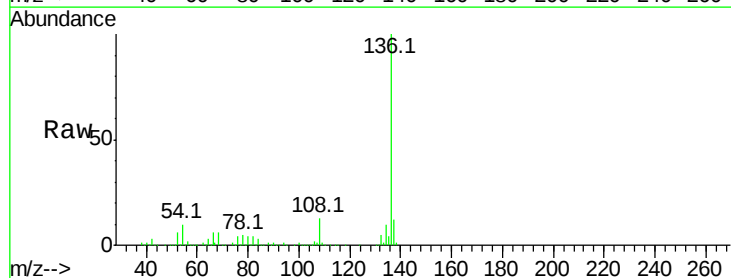
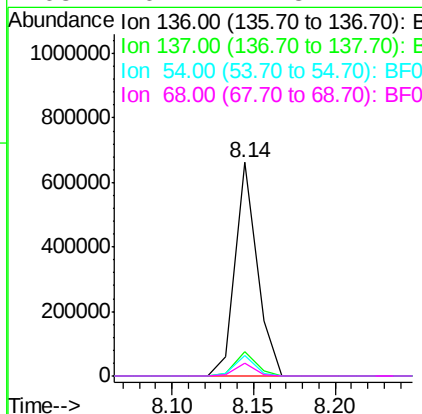
Delta R.T. -0.02 min

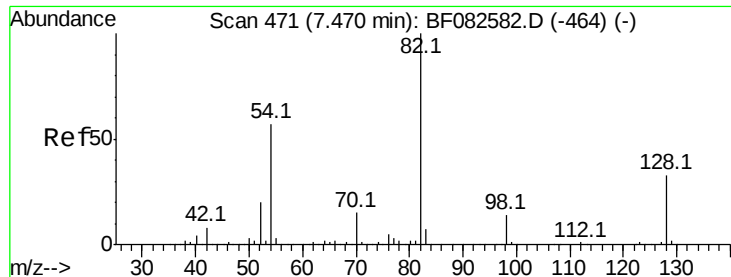
Lab File: BF082726.D

Acq: 5 Nov 2015 13:40

Tgt Ion: 136 Resp: 613506

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.5  | 9.1   | 13.7  |
| 54  | 9.6   | 9.1   | 13.7  |
| 68  | 6.2   | 4.8   | 7.2   |



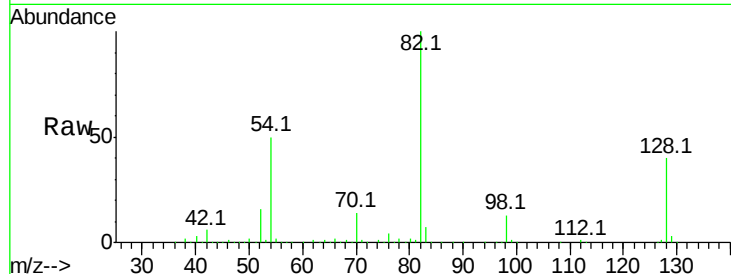


#23  
 Nitrobenzene-d5  
 Concen: 69.31 ng  
 RT: 7.42 min Scan# 467  
 Delta R.T. -0.02 min  
 Lab File: BF082726.D  
 Acq: 5 Nov 2015 13:40

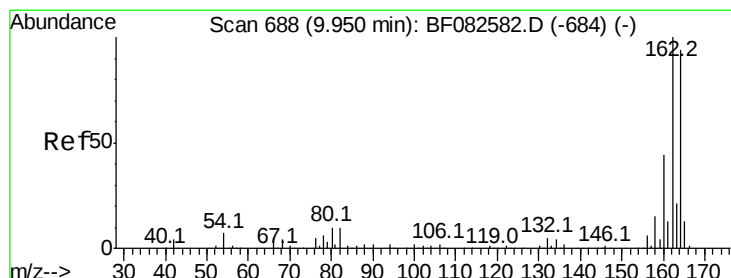
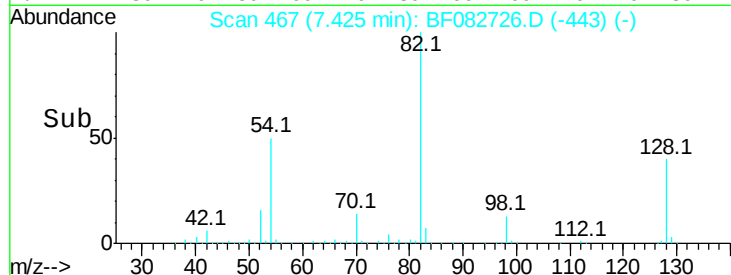
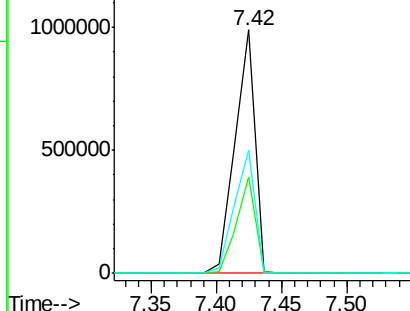
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-10(2-4)

Tot Ion: 82 Resp: 1041312  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 39.5  | 26.8  | 40.2  |
| 54  | 50.5  | 45.7  | 68.5  |



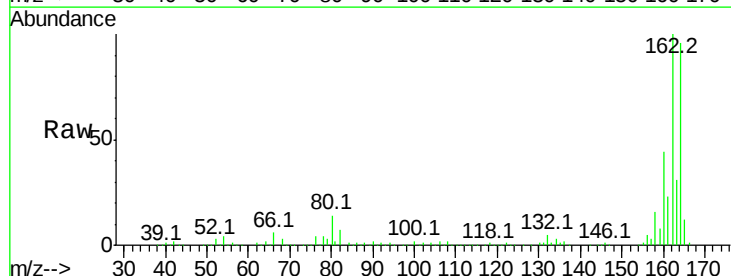
Abundance Ion 82.00 (81.70 to 82.70): BF0  
 Ion 128.00 (127.70 to 128.70): B  
 Ion 54.00 (53.70 to 54.70): BF0



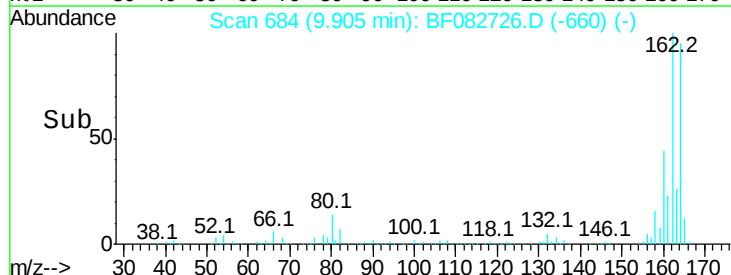
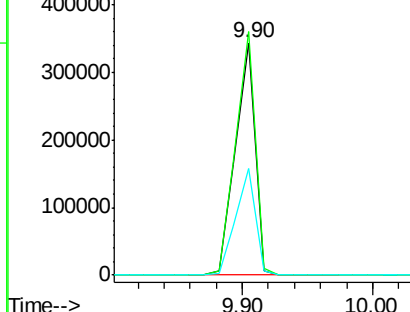
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.90 min Scan# 684  
 Delta R.T. -0.02 min  
 Lab File: BF082726.D  
 Acq: 5 Nov 2015 13:40

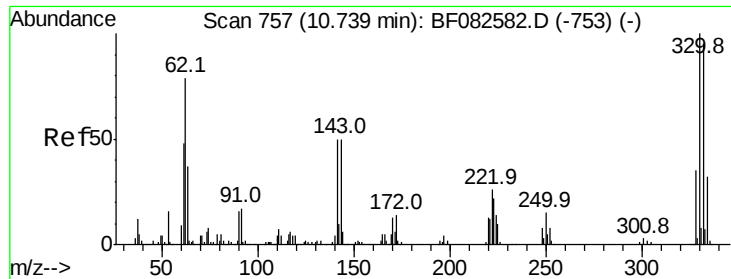
Tgt Ion:164 Resp: 358555  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 104.7 | 84.9  | 127.3 |
| 160 | 46.0  | 37.5  | 56.3  |



Abundance Ion 164.00 (163.70 to 164.70): E  
 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E

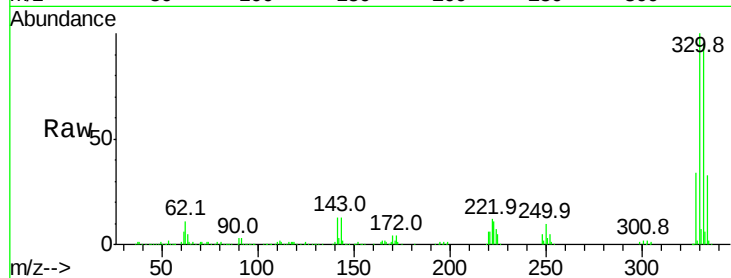




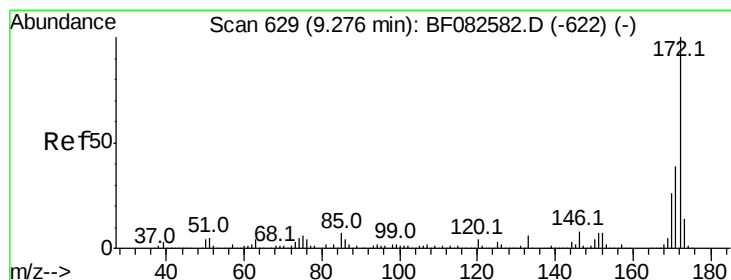
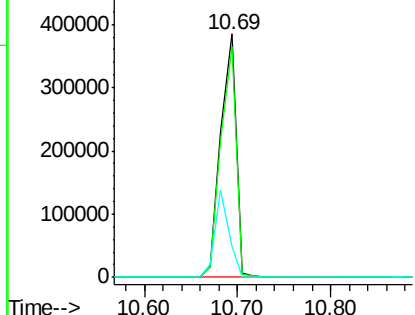
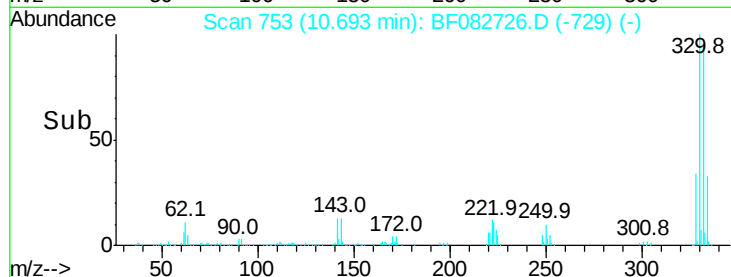
#41  
 2,4,6-Tribromophenol  
 Concen: 112.33 ng  
 RT: 10.69 min Scan# 753  
 Delta R.T. -0.02 min  
 Lab File: BF082726.D  
 Acq: 5 Nov 2015 13:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-10(2-4)

Tot Ion:330 Resp: 440796  
 Ion Ratio Lower Upper  
 330 100  
 332 94.4 76.6 114.8  
 141 32.8 41.2 61.8#

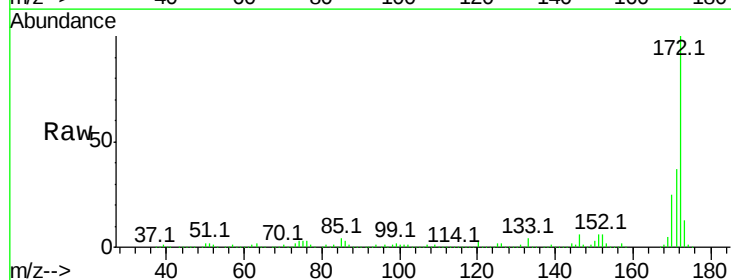


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

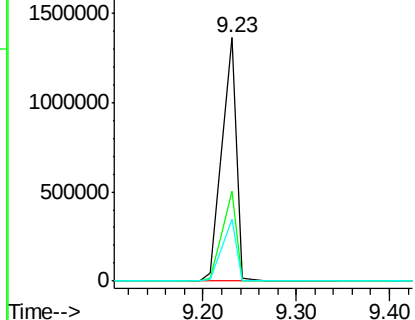
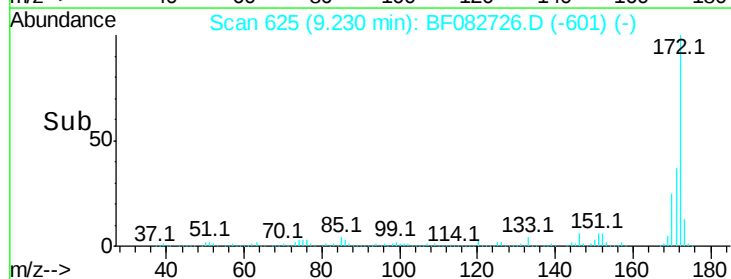


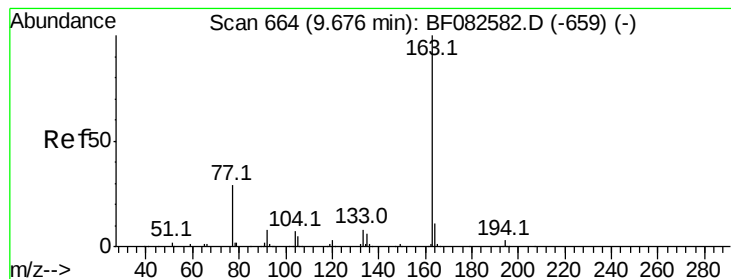
#44  
 2-Fluorobiphenyl  
 Concen: 57.41 ng  
 RT: 9.23 min Scan# 625  
 Delta R.T. -0.02 min  
 Lab File: BF082726.D  
 Acq: 5 Nov 2015 13:40

Tgt Ion:172 Resp: 1449778  
 Ion Ratio Lower Upper  
 172 100  
 171 36.8 30.8 46.2  
 170 25.2 21.2 31.8



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: 11.72 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.03 min

Lab File: BF082726.D

Acq: 5 Nov 2015 13:40

Instrument :

BNA\_F

ClientSampled :

SB-10(2-4)

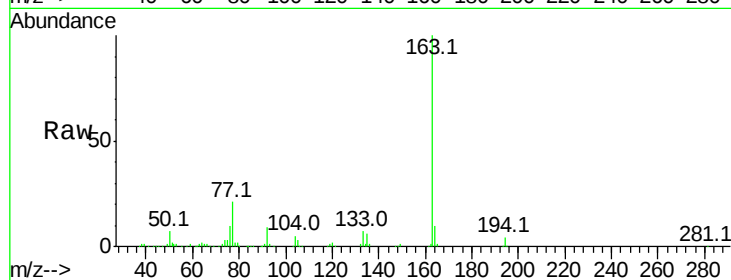
Tot Ion:163 Resp: 343065

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

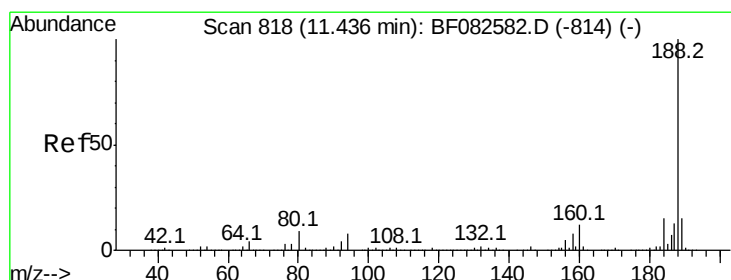
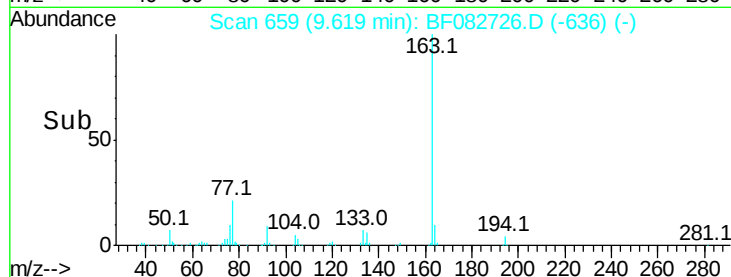
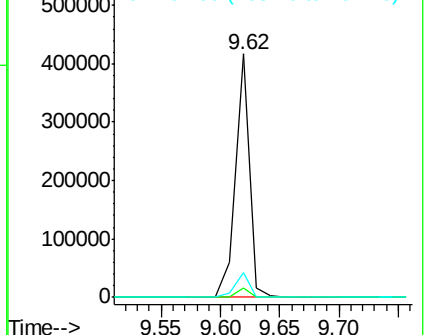
164 10.1 8.7 13.1



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: 11.38 min Scan# 813

Delta R.T. -0.03 min

Lab File: BF082726.D

Acq: 5 Nov 2015 13:40

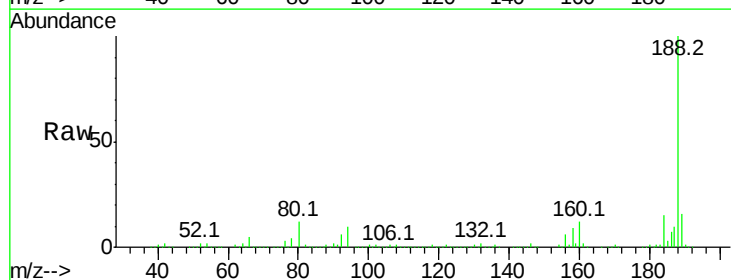
Tgt Ion:188 Resp: 646449

Ion Ratio Lower Upper

188 100

94 10.3 6.1 9.1#

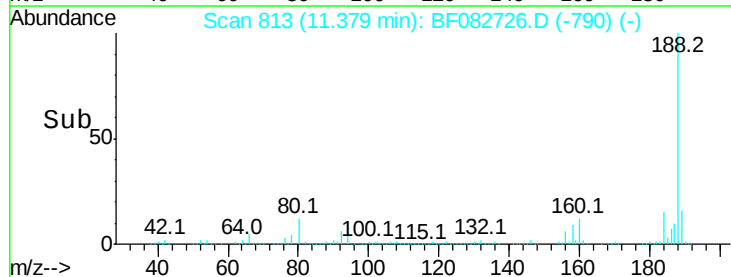
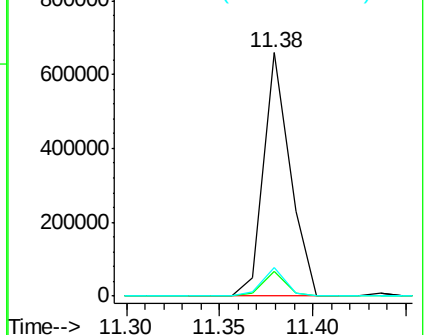
80 11.9 7.0 10.6#

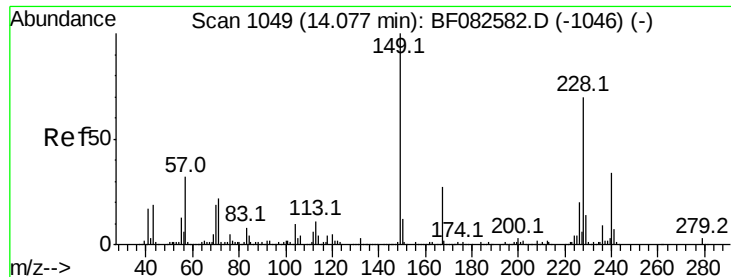


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF082726.D

Acq: 5 Nov 2015 13:40

Instrument :

BNA\_F

ClientSampleId :

SB-10(2-4)

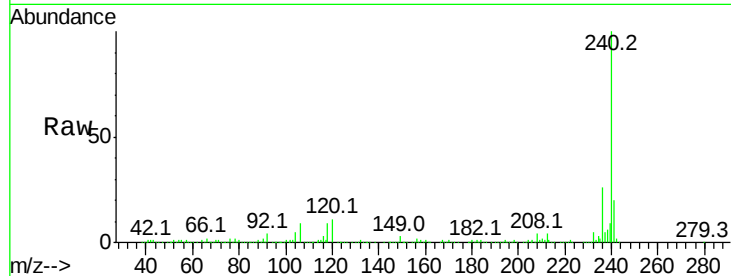
Tot Ion:240 Resp: 673801

Ion Ratio Lower Upper

240 100

120 10.6 10.9 16.3#

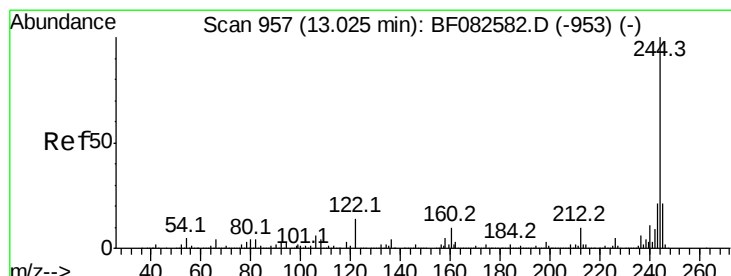
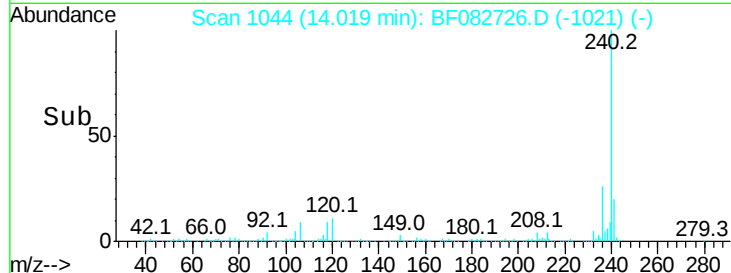
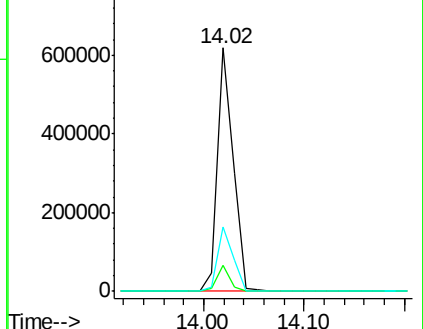
236 26.4 21.6 32.4



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: 46.36 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.03 min

Lab File: BF082726.D

Acq: 5 Nov 2015 13:40

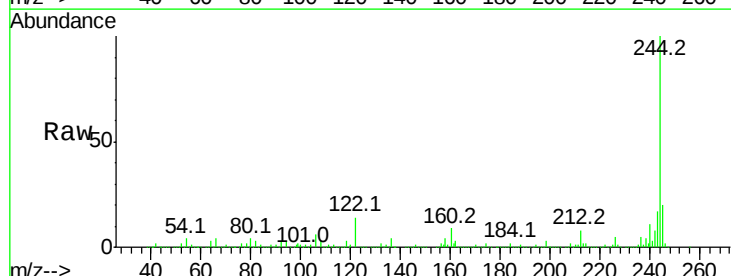
Tgt Ion:244 Resp: 1427345

Ion Ratio Lower Upper

244 100

212 8.5 7.6 11.4

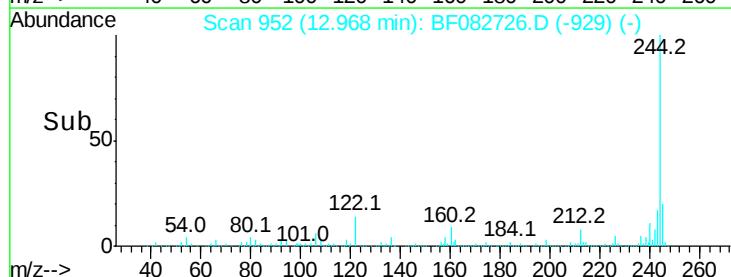
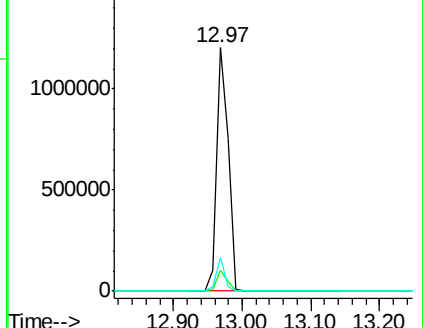
122 13.7 11.3 16.9

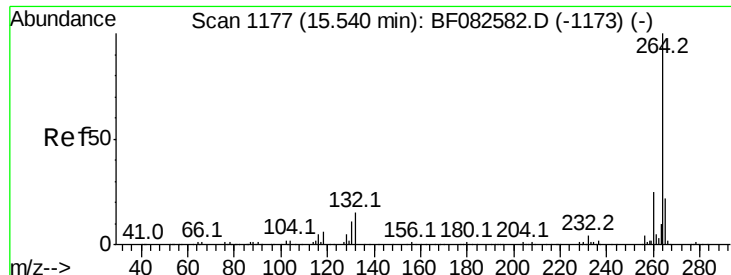


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

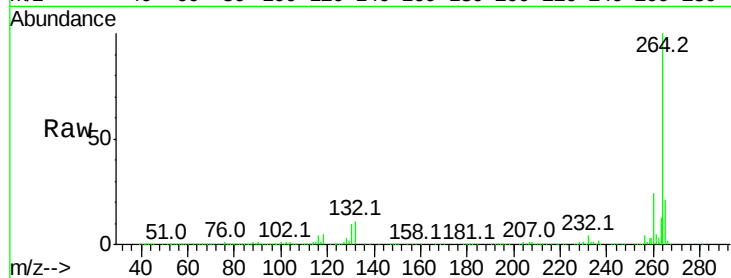




#86  
Pervlene-d12  
Concen: 20.00 ng  
RT: 15.48 min Scan# 1172  
Delta R.T. -0.02 min  
Lab File: BF082726.D  
Acq: 5 Nov 2015 13:40

Instrument :  
BNA\_F  
ClientSampleId :  
SB-10(2-4)

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.2  | 19.8  | 29.6  |
| 265     | 21.3  | 17.4  | 26.0  |



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

