

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\  
 Data File : BF084974.D  
 Acq On : 10 Feb 2016 1:31  
 Operator : SJ/IZ  
 Sample : H1377-18  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB01-0-0.5

Quant Time: Feb 10 05:38:35 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 03 14:16:01 2016  
 Response via : Initial Calibration

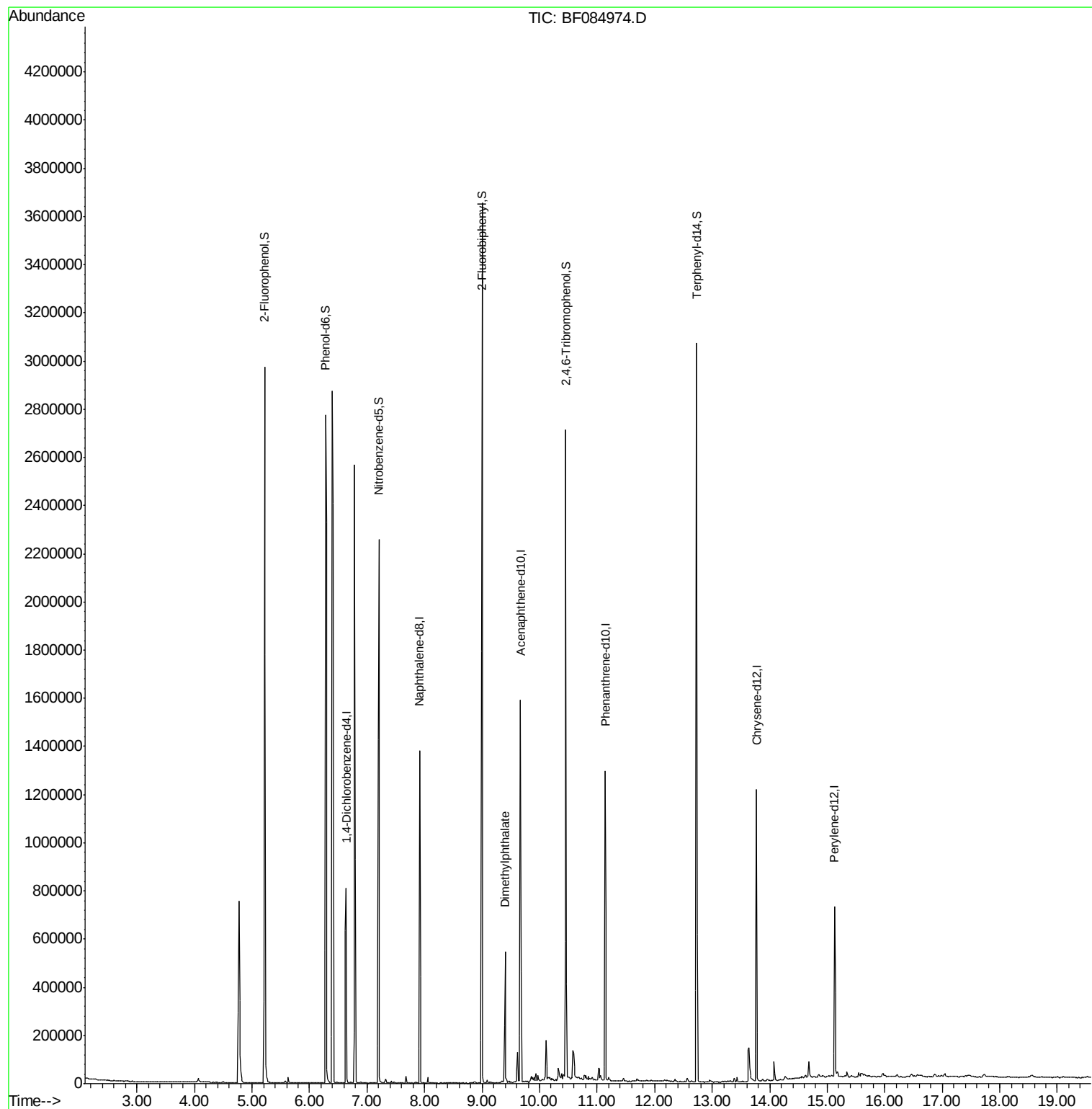
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.64  | 152  | 168008   | 20.00  | ng    | -0.05    |
| 21) Naphthalene-d8          | 7.92  | 136  | 673643   | 20.00  | ng    | -0.06    |
| 38) Acenaphthene-d10        | 9.66  | 164  | 326699   | 20.00  | ng    | -0.07    |
| 63) Phenanthrene-d10        | 11.14 | 188  | 563268   | 20.00  | ng    | -0.07    |
| 75) Chrysene-d12            | 13.77 | 240  | 395612   | 20.00  | ng    | -0.07    |
| 86) Perylene-d12            | 15.13 | 264  | 312454   | 20.00  | ng    | -0.08    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.22  | 112  | 1042356  | 96.64  | ng    | -0.06    |
| 7) Phenol-d6                | 6.28  | 99   | 1412153  | 105.61 | ng    | -0.06    |
| 23) Nitrobenzene-d5         | 7.21  | 82   | 900482   | 75.30  | ng    | -0.06    |
| 41) 2,4,6-Tribromophenol    | 10.45 | 330  | 294687   | 86.48  | ng    | -0.07    |
| 44) 2-Fluorobiphenyl        | 9.00  | 172  | 1320255  | 62.32  | ng    | -0.06    |
| 78) Terphenyl-d14           | 12.73 | 244  | 917348   | 52.55  | ng    | -0.07    |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 49) Dimethylphthalate       | 9.40  | 163  | 256744   | 10.32  | ng    | # 91     |

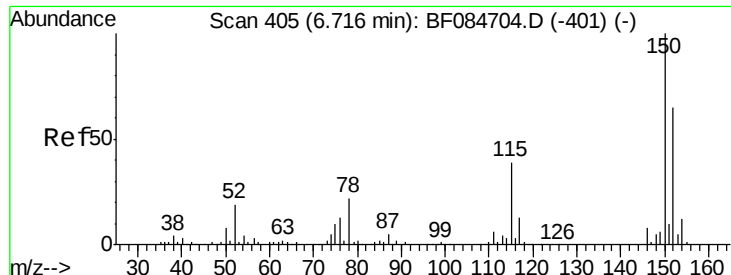
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\  
Data File : BF084974.D  
Acq On : 10 Feb 2016 1:31  
Operator : SJ/IZ  
Sample : H1377-18  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB01-0-0.5

Quant Time: Feb 10 05:38:35 2016  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Feb 03 14:16:01 2016  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.05 min

Lab File: BF084974.D

Acq: 10 Feb 2016 1:31

Instrument :

BNA\_F

ClientSampleId :

SB01-0-0.5

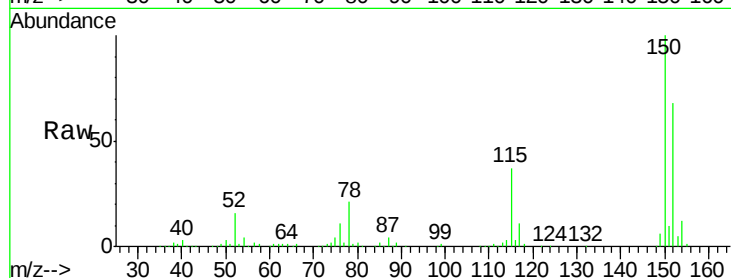
Tot Ion:152 Resp: 168008

Ion Ratio Lower Upper

152 100

150 146.4 123.0 184.4

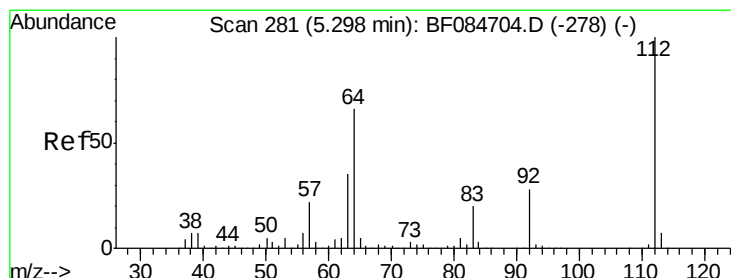
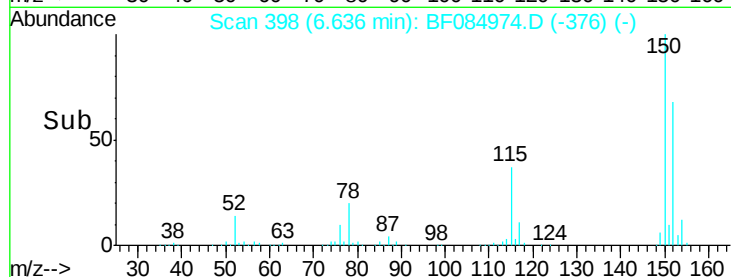
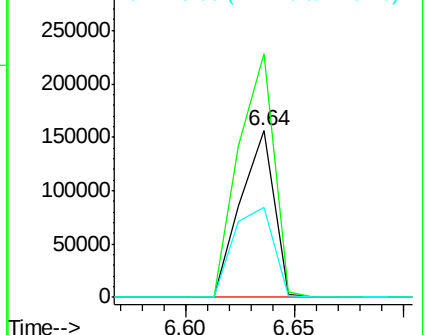
115 54.3 51.4 77.2



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: 96.64 ng

RT: 5.22 min Scan# 274

Delta R.T. -0.06 min

Lab File: BF084974.D

Acq: 10 Feb 2016 1:31

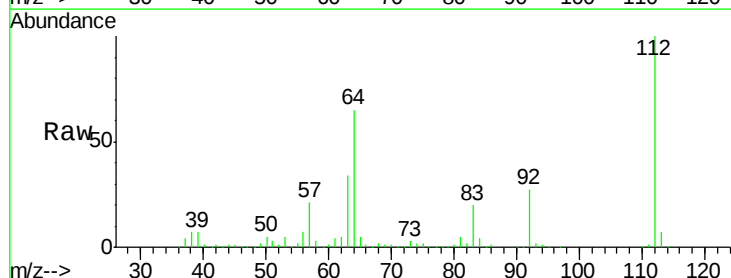
Tgt Ion:112 Resp: 1042356

Ion Ratio Lower Upper

112 100

64 65.0 36.6 55.0#

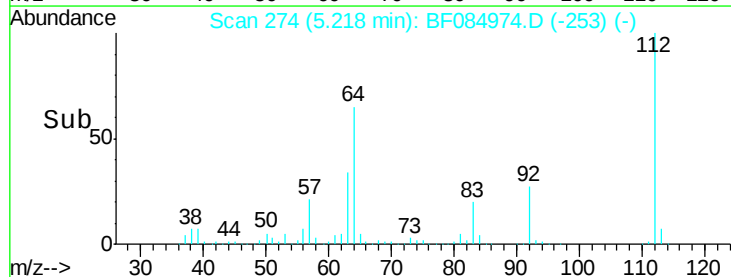
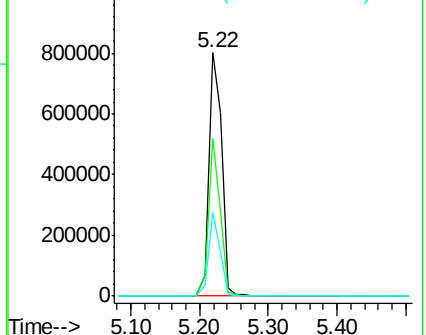
63 34.3 19.4 29.0#

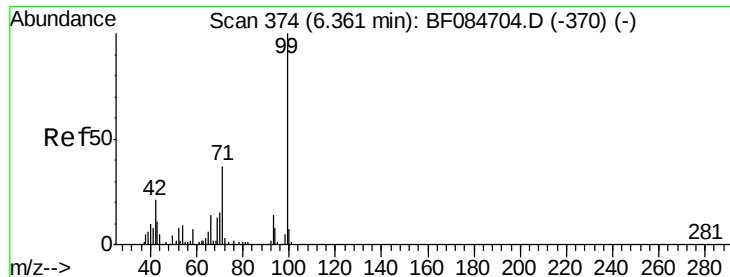


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 105.61 ng

RT: 6.28 min Scan# 367

Delta R.T. -0.06 min

Lab File: BF084974.D

Acq: 10 Feb 2016 1:31

Instrument :

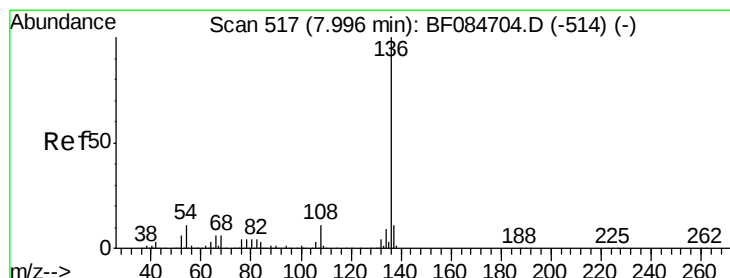
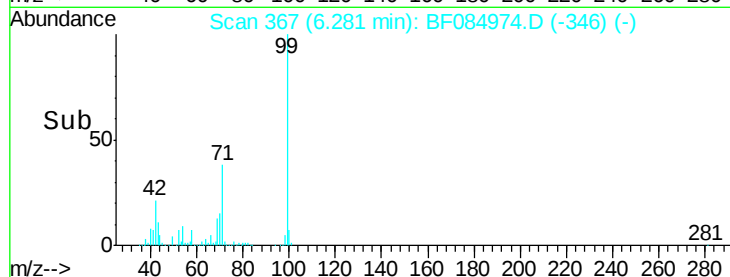
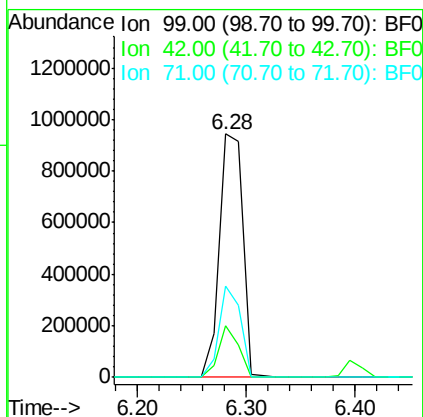
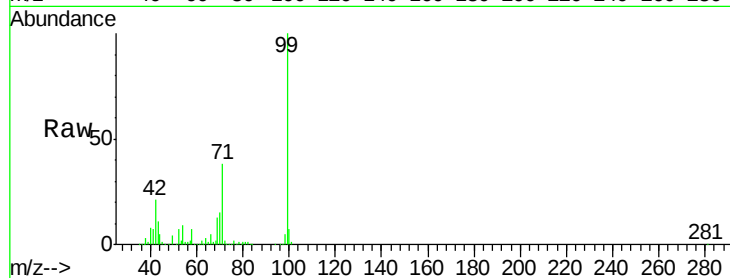
BNA\_F

ClientSampleId :

SB01-0-0.5

Tot Ion: 99 Resp: 1412153

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 21.1  | 12.8  | 19.2# |
| 71  | 37.7  | 30.9  | 46.3  |



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 510

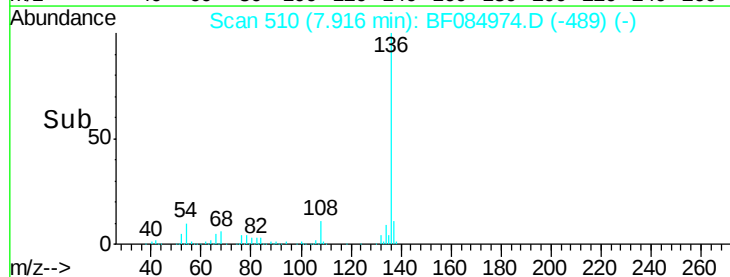
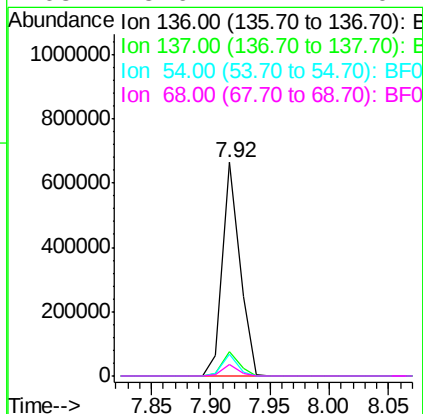
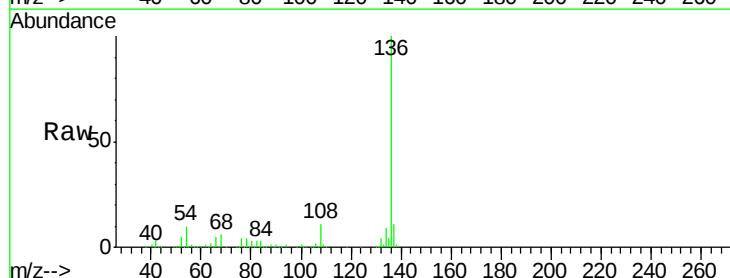
Delta R.T. -0.06 min

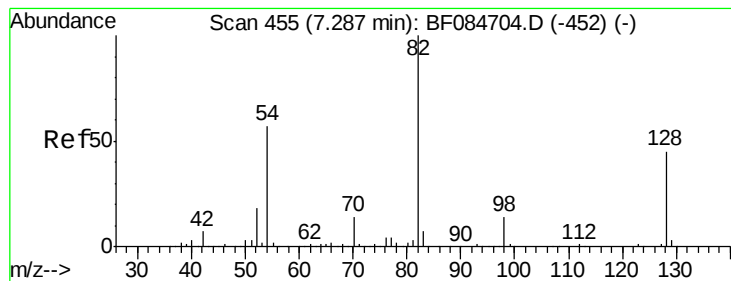
Lab File: BF084974.D

Acq: 10 Feb 2016 1:31

Tgt Ion: 136 Resp: 673643

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.1  | 8.7   | 13.1  |
| 54  | 10.0  | 5.8   | 8.8#  |
| 68  | 5.6   | 4.2   | 6.2   |





#23

Nitrobenzene-d5

Concen: 75.30 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.06 min

Lab File: BF084974.D

Acq: 10 Feb 2016 1:31

Instrument :

BNA\_F

ClientSampled :

SB01-0-0.5

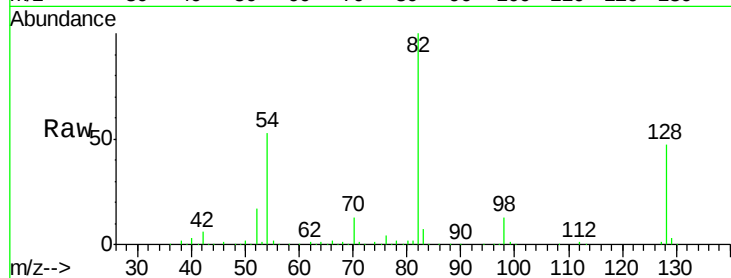
Tot Ion: 82 Resp: 900482

Ion Ratio Lower Upper

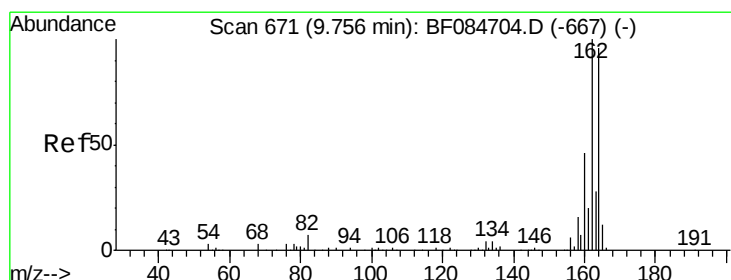
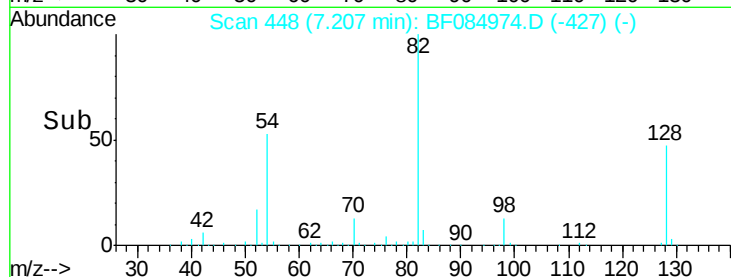
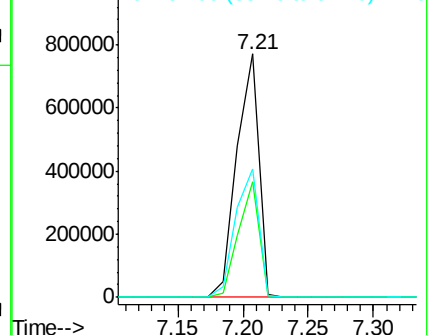
82 100

128 47.3 34.6 51.8

54 52.7 38.4 57.6



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.07 min

Lab File: BF084974.D

Acq: 10 Feb 2016 1:31

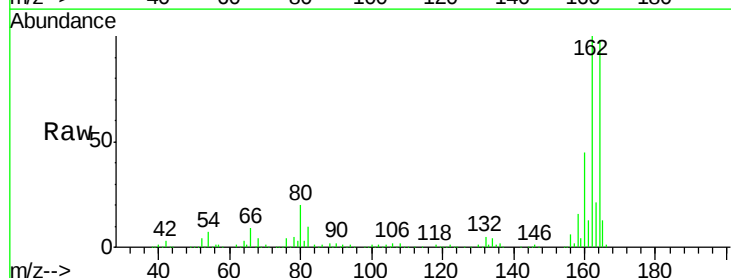
Tgt Ion:164 Resp: 326699

Ion Ratio Lower Upper

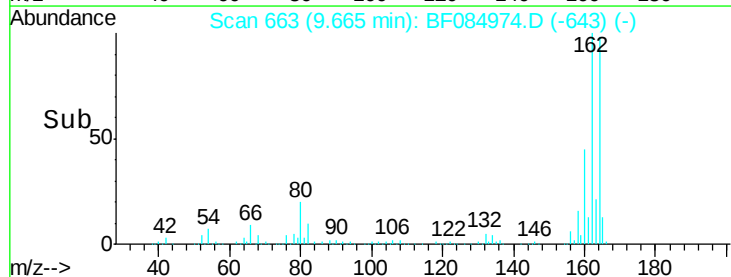
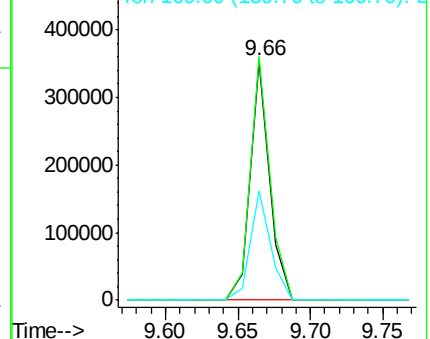
164 100

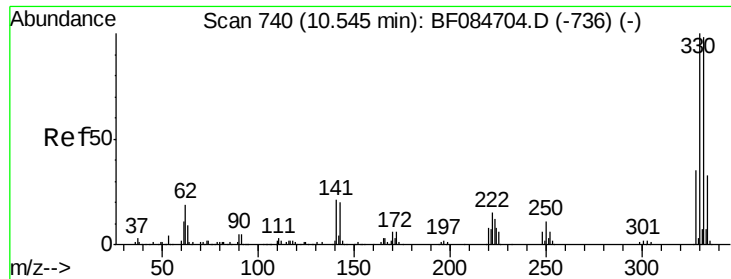
162 102.0 85.1 127.7

160 45.6 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

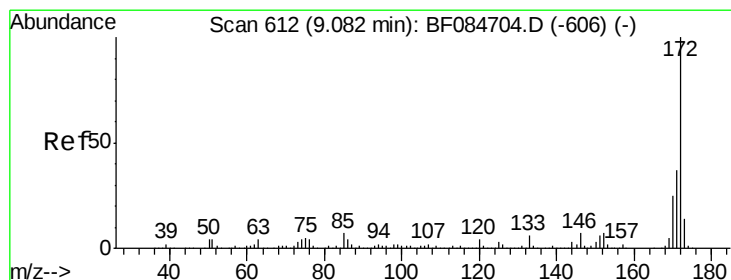
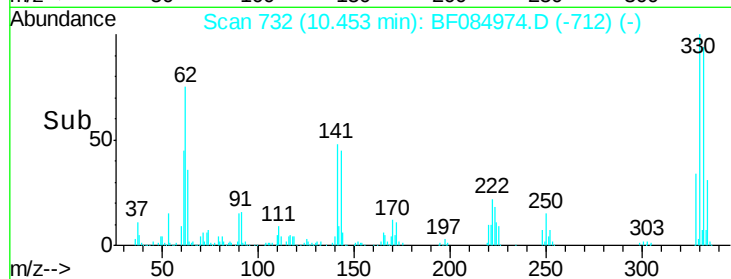
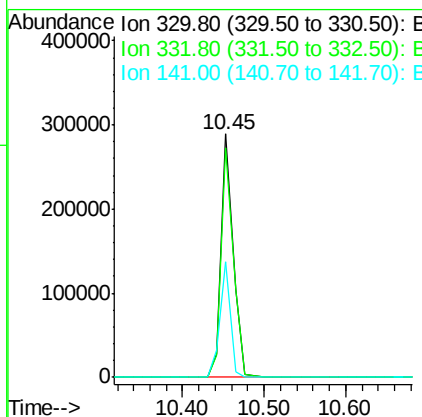
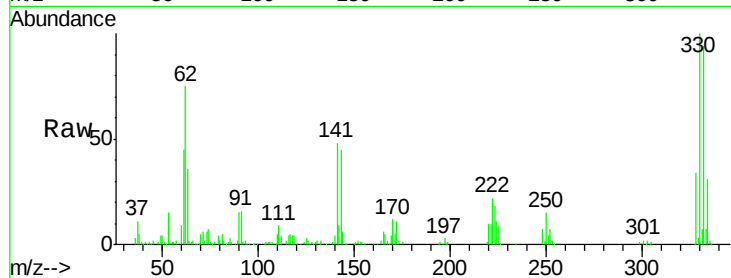




#41  
 2,4,6-Tribromophenol  
 Concen: 86.48 ng  
 RT: 10.45 min Scan# 732  
 Delta R.T. -0.07 min  
 Lab File: BF084974.D  
 Acq: 10 Feb 2016 1:31

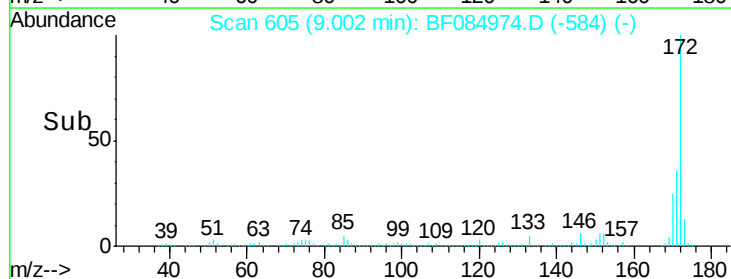
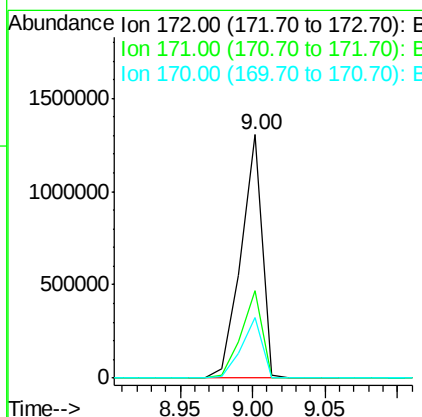
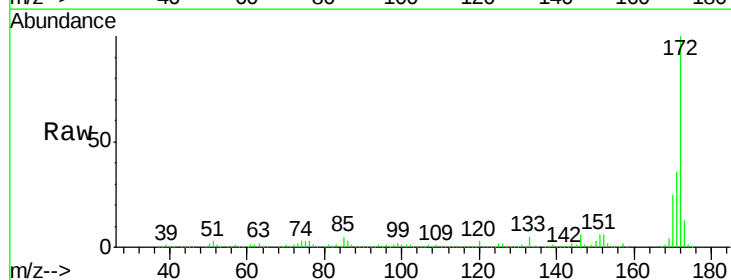
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB01-0-0.5

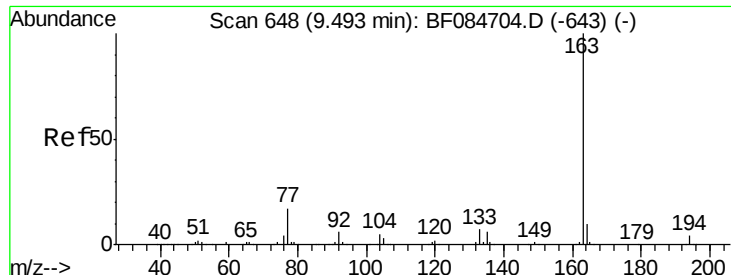
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.9  | 76.6  | 114.8 |
| 141     | 41.9  | 27.8  | 41.6# |



#44  
 2-Fluorobiphenyl  
 Concen: 62.32 ng  
 RT: 9.00 min Scan# 605  
 Delta R.T. -0.06 min  
 Lab File: BF084974.D  
 Acq: 10 Feb 2016 1:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.9  | 28.9  | 43.3  |
| 170     | 24.8  | 18.6  | 27.8  |

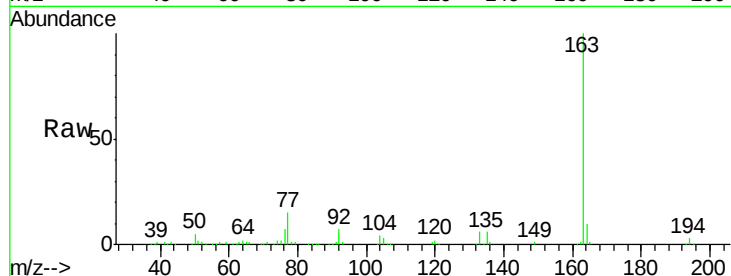




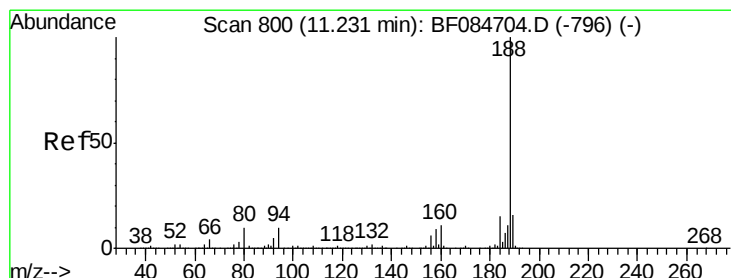
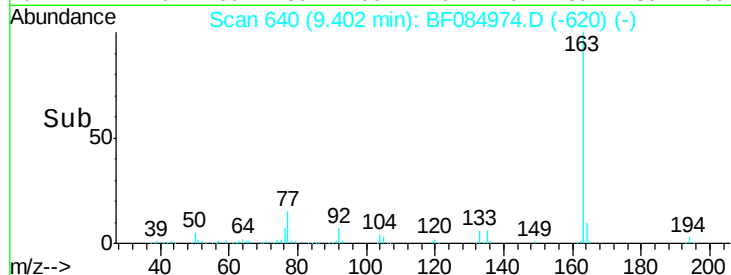
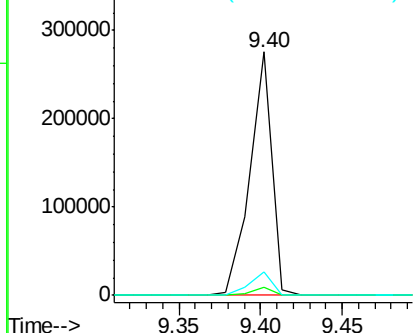
#49  
Dimethylphthalate  
Concen: 10.32 ng  
RT: 9.40 min Scan# 640  
Delta R.T. -0.07 min  
Lab File: BF084974.D  
Acq: 10 Feb 2016 1:31

Instrument :  
BNA\_F  
ClientSampleId :  
SB01-0-0.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.3   | 8.0   | 12.0# |
| 164     | 9.8   | 8.0   | 12.0  |

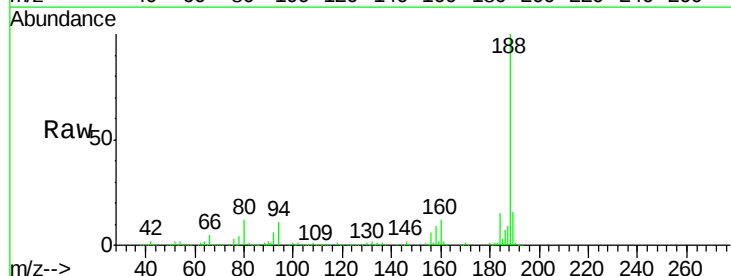


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

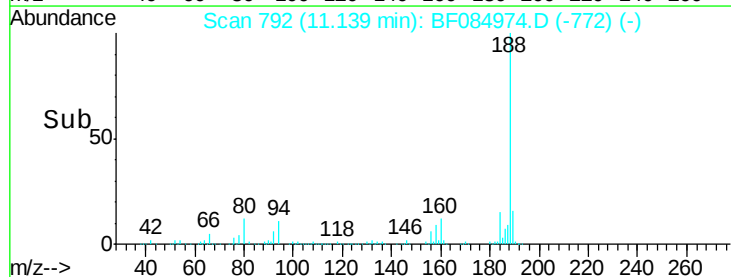
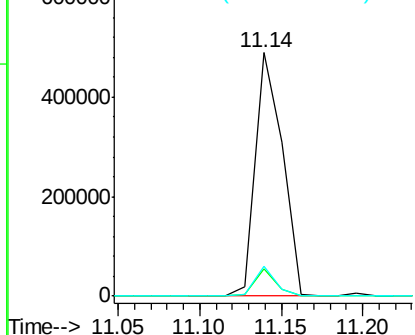


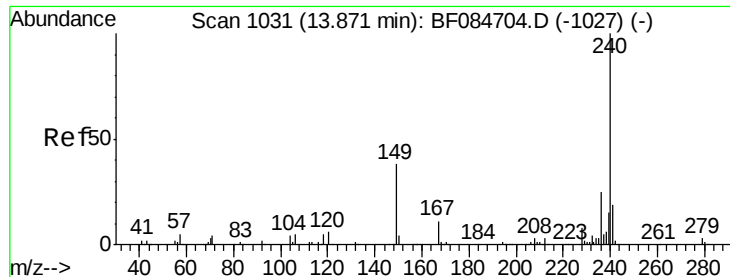
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.14 min Scan# 792  
Delta R.T. -0.07 min  
Lab File: BF084974.D  
Acq: 10 Feb 2016 1:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 11.5  | 9.0   | 13.4  |
| 80      | 12.2  | 9.6   | 14.4  |



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: 13.77 min Scan# 1022

Delta R.T. -0.07 min

Lab File: BF084974.D

Acq: 10 Feb 2016 1:31

Instrument :

BNA\_F

ClientSampleId :

SB01-0-0.5

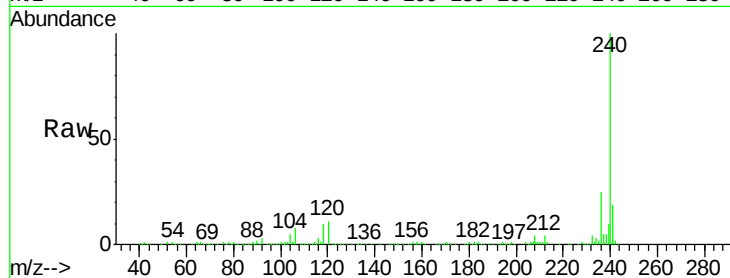
Tot Ion:240 Resp: 395612

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

236 24.9 20.6 31.0

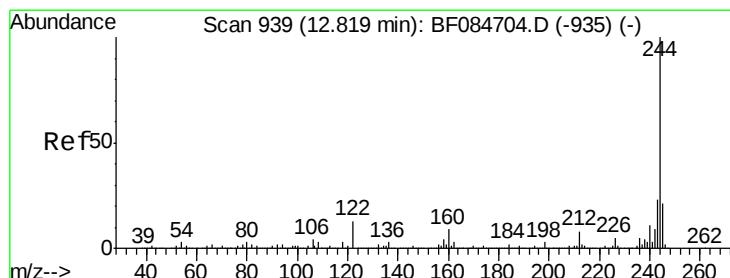
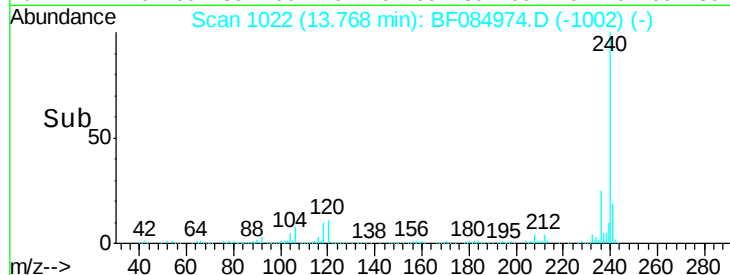
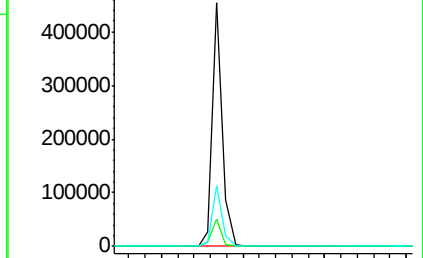


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.77



#78

Terphenyl-d14

Concen: 52.55 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.07 min

Lab File: BF084974.D

Acq: 10 Feb 2016 1:31

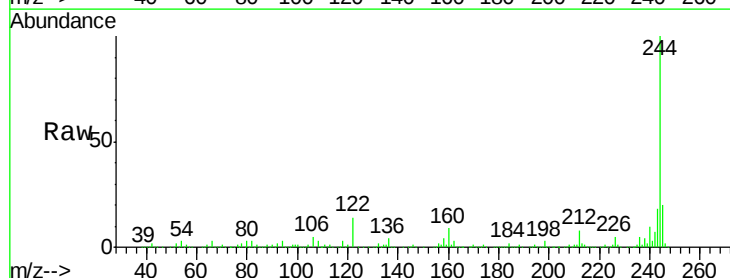
Tgt Ion:244 Resp: 917348

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

122 13.7 7.4 11.0#

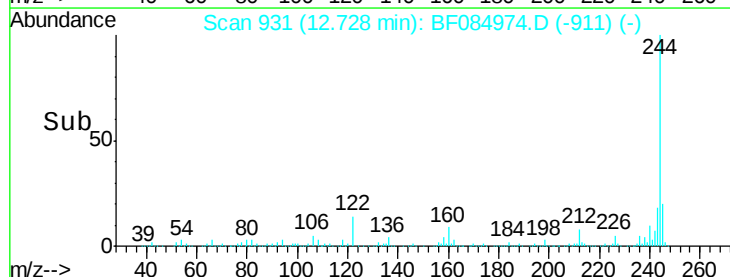
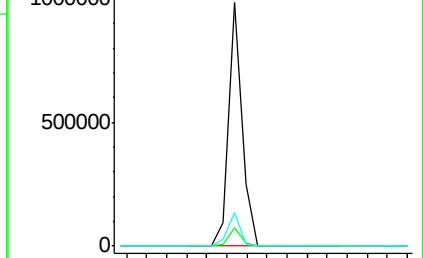


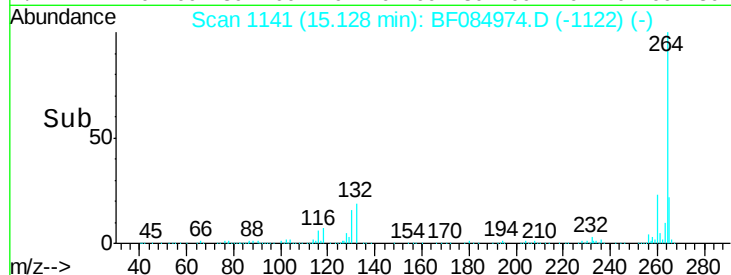
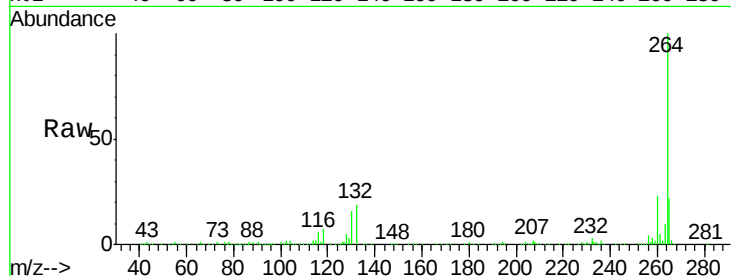
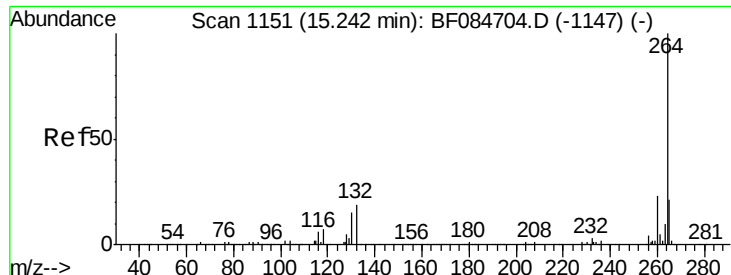
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.73





#86  
 Pervlene-d12  
 Concen: 20.00 ng  
 RT: 15.13 min Scan# 1141  
 Delta R.T. -0.08 min  
 Lab File: BF084974.D  
 Acq: 10 Feb 2016 1:31

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB01-0-0.5

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 264   | Resp: | 312454 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 23.2  | 19.4  | 29.2   |
| 265       | 21.6  | 17.8  | 26.6   |

