

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\  
 Data File : BF095569.D  
 Acq On : 31 May 2017 17:59  
 Operator : SJ/MA  
 Sample : I3329-06  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-7(3-7)

Quant Time: Jun 01 05:11:55 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 01 04:09:22 2017  
 Response via : Initial Calibration

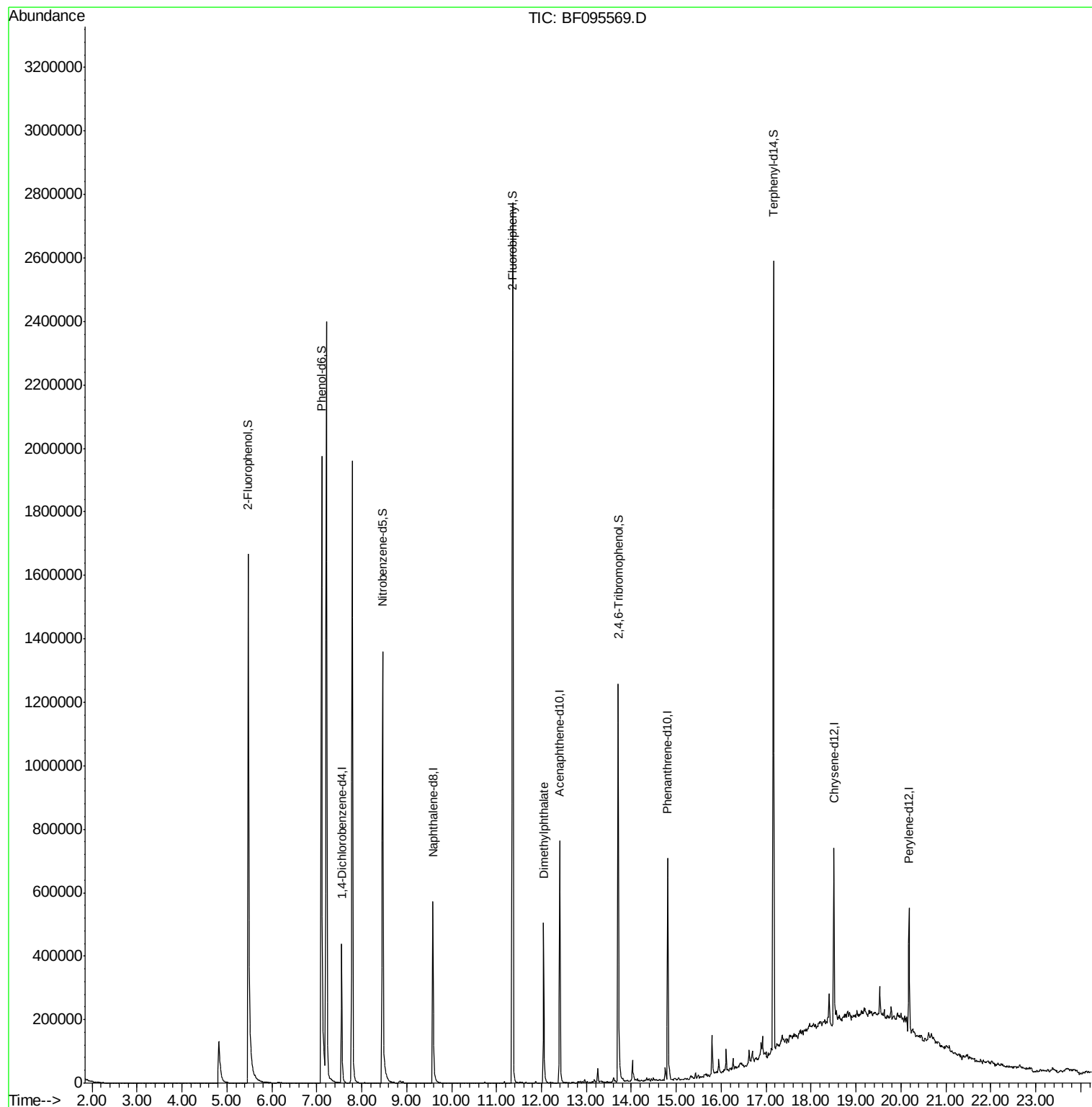
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.55  | 152  | 106895   | 20.00  | ng    | 0.00         |
| 21) Naphthalene-d8          | 9.58  | 136  | 447253   | 20.00  | ng    | 0.00         |
| 38) Acenaphthene-d10        | 12.41 | 164  | 214143   | 20.00  | ng    | 0.00         |
| 63) Phenanthrene-d10        | 14.81 | 188  | 377818   | 20.00  | ng    | 0.00         |
| 75) Chrysene-d12            | 18.51 | 240  | 238782   | 20.00  | ng    | 0.00         |
| 86) Perylene-d12            | 20.18 | 264  | 171127   | 20.00  | ng    | 0.00         |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.47  | 112  | 951058   | 148.33 | ng    | 0.00         |
| 7) Phenol-d6                | 7.11  | 99   | 1223009  | 158.98 | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 8.47  | 82   | 742655   | 104.71 | ng    | 0.00         |
| 41) 2,4,6-Tribromophenol    | 13.71 | 330  | 222189   | 126.69 | ng    | 0.00         |
| 44) 2-Fluorobiphenyl        | 11.36 | 172  | 1389534  | 93.40  | ng    | 0.00         |
| 78) Terphenyl-d14           | 17.17 | 244  | 1030742  | 95.08  | ng    | 0.00         |
| Target Compounds            |       |      |          |        |       |              |
| 49) Dimethylphthalate       | 12.05 | 163  | 317529   | 18.06  | ng    | Qvalue<br>98 |

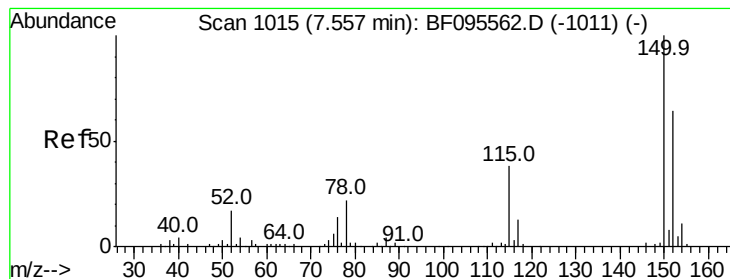
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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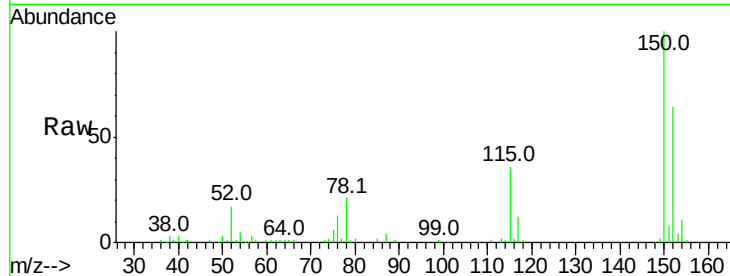


#1

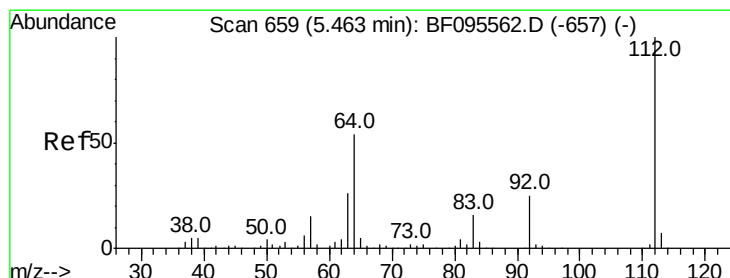
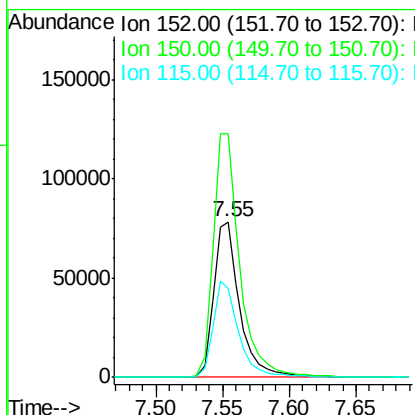
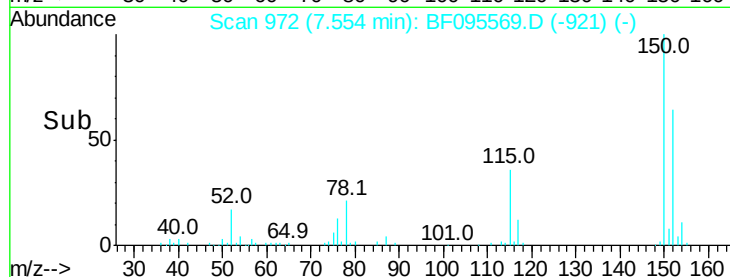
1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 7.55 min Scan# 972  
 Delta R.T. -0.00 min  
 Lab File: BF095569.D  
 Acq: 31 May 2017 17:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-7(3-7)

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.3 | 126.2 | 189.2 |
| 115     | 56.7  | 52.2  | 78.2  |



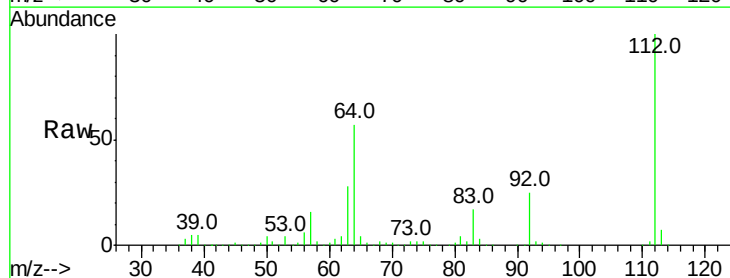
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



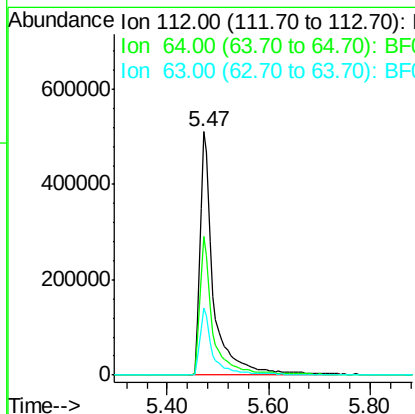
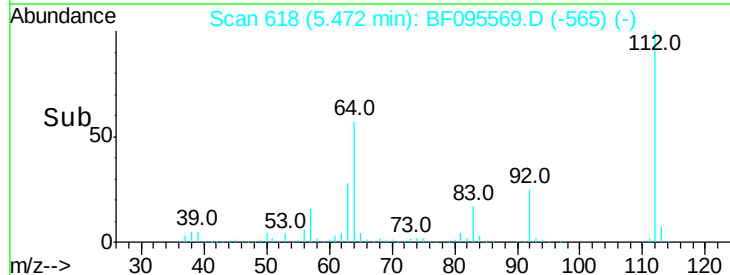
#5

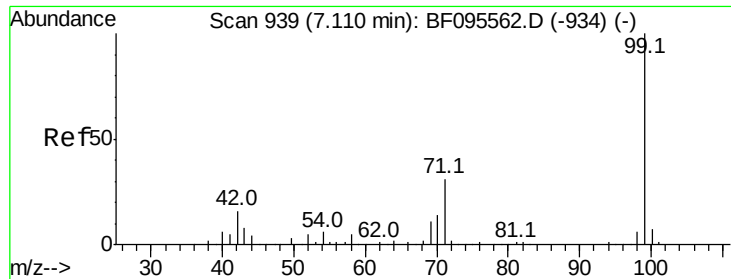
2-Fluorophenol  
 Concen: 148.33 ng  
 RT: 5.47 min Scan# 618  
 Delta R.T. 0.01 min  
 Lab File: BF095569.D  
 Acq: 31 May 2017 17:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 57.0  | 46.0  | 69.0  |
| 63      | 27.6  | 23.4  | 35.0  |



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: 158.98 ng

RT: 7.11 min Scan# 896

Delta R.T. -0.00 min

Lab File: BF095569.D

Acq: 31 May 2017 17:59

Instrument :

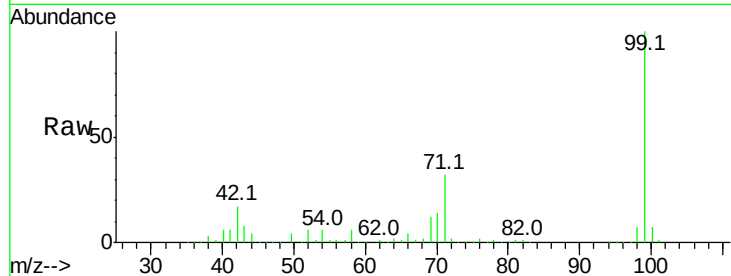
BNA\_F

ClientSampleId :

B-7(3-7)

Tot Ion: 99 Resp: 1223009

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 16.8  | 13.5  | 20.3  |
| 71  | 32.2  | 24.5  | 36.7  |

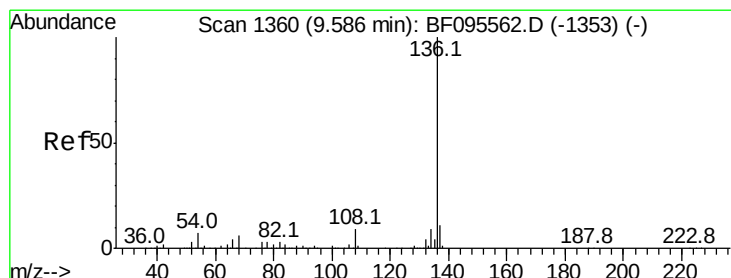
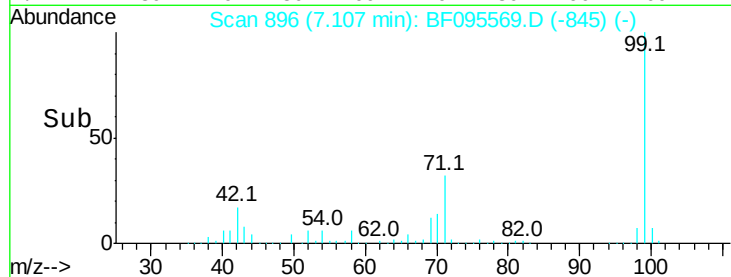
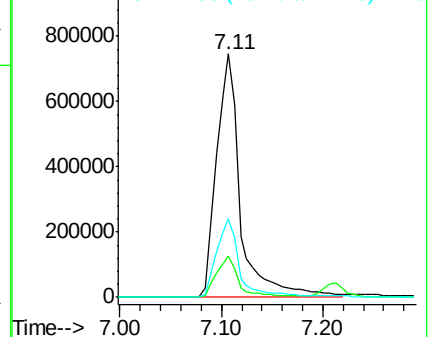


Abundance

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: 9.58 min Scan# 1317

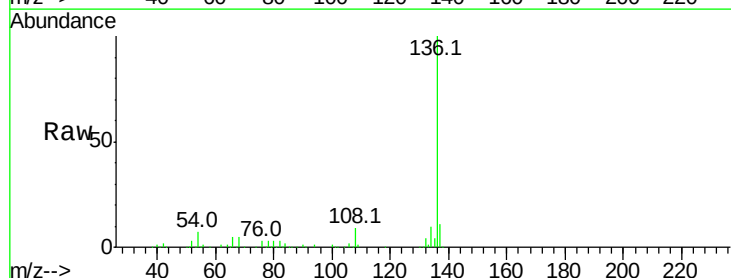
Delta R.T. -0.00 min

Lab File: BF095569.D

Acq: 31 May 2017 17:59

Tgt Ion: 136 Resp: 447253

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.7  | 8.5   | 12.7  |
| 54  | 7.0   | 4.9   | 7.3   |
| 68  | 5.5   | 4.1   | 6.1   |



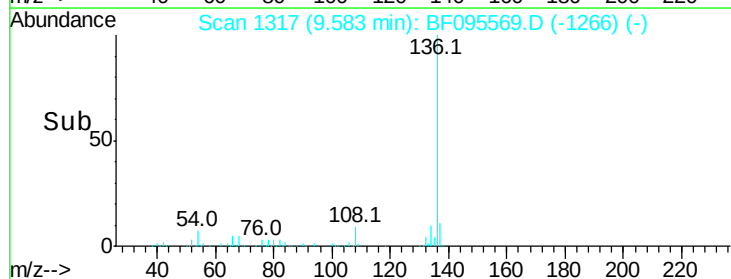
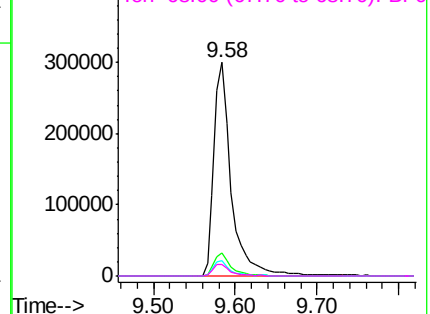
Abundance

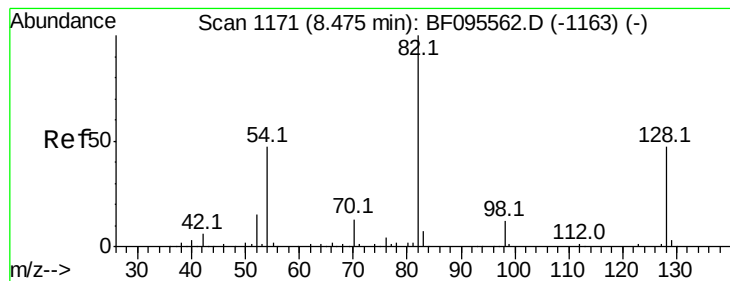
Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 104.71 ng

RT: 8.47 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BF095569.D

Acq: 31 May 2017 17:59

Instrument :

BNA\_F

ClientSampleId :

B-7(3-7)

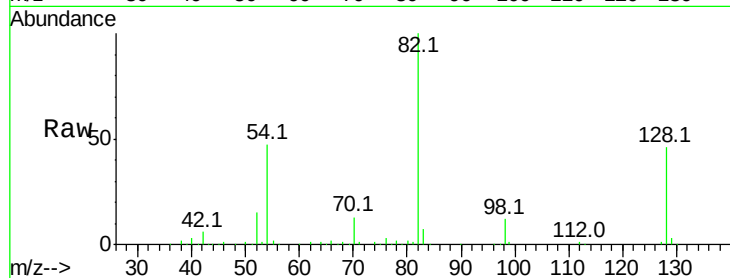
Tot Ion: 82 Resp: 742655

Ion Ratio Lower Upper

82 100

128 46.4 34.0 51.0

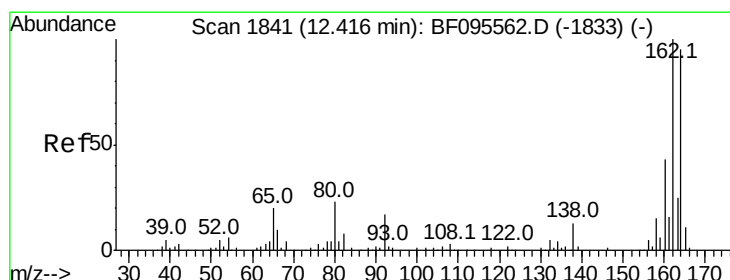
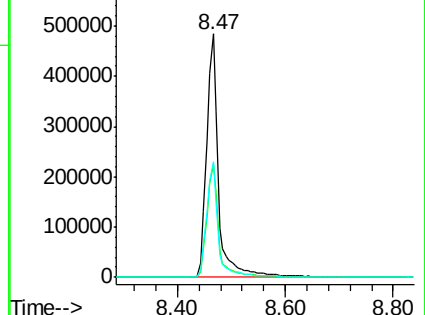
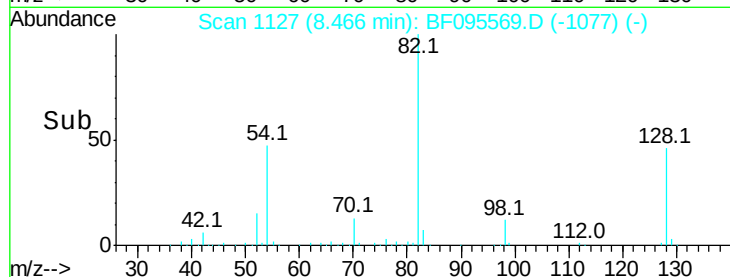
54 47.2 42.2 63.2



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: 12.41 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF095569.D

Acq: 31 May 2017 17:59

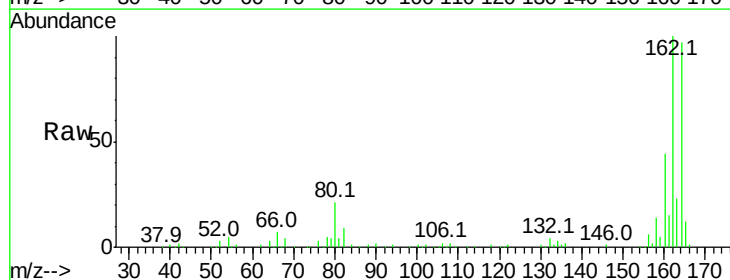
Tgt Ion:164 Resp: 214143

Ion Ratio Lower Upper

164 100

162 102.8 82.6 123.8

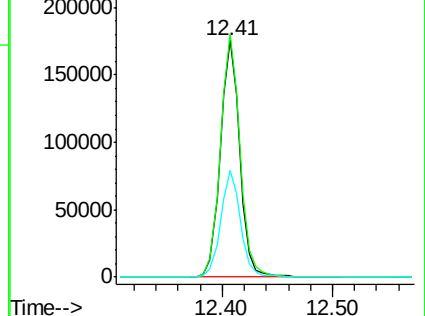
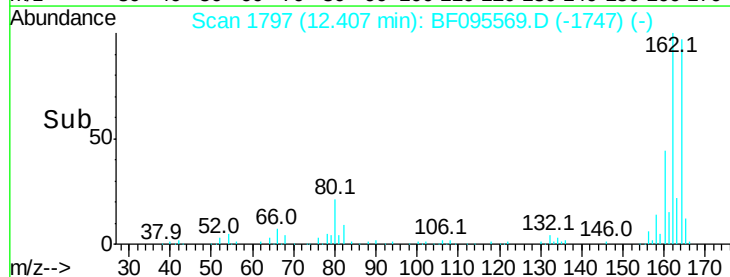
160 44.8 36.2 54.2

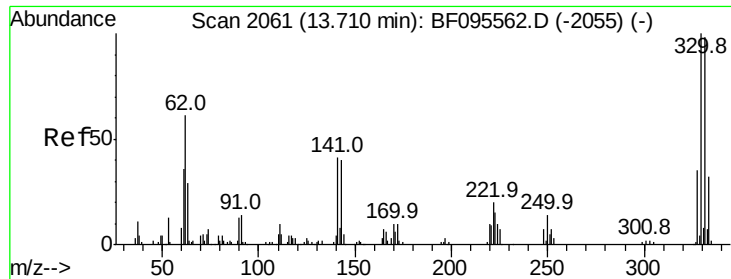


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

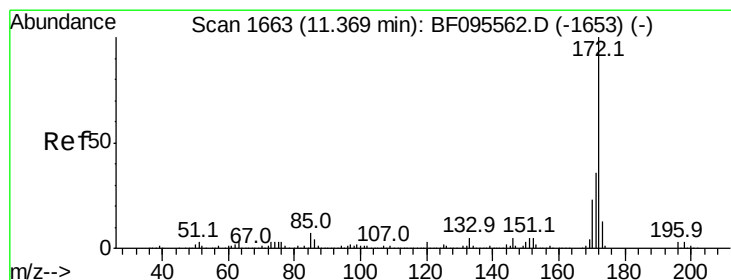
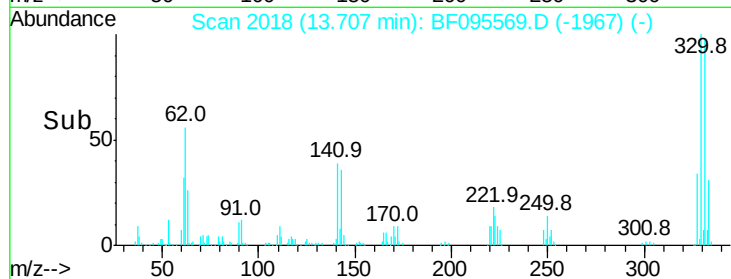
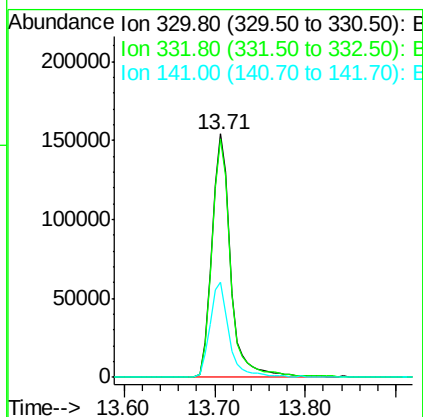
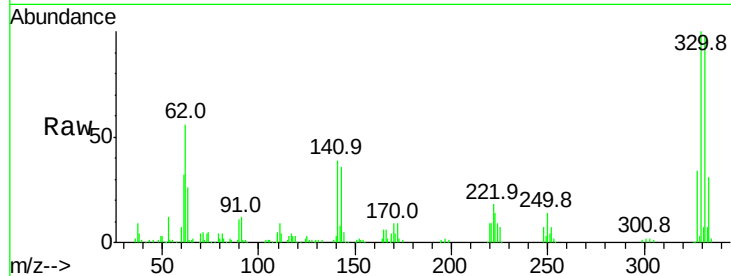




#41  
 2,4,6-Tribromophenol  
 Concen: 126.69 ng  
 RT: 13.71 min Scan# 2018  
 Delta R.T. -0.00 min  
 Lab File: BF095569.D  
 Acq: 31 May 2017 17:59

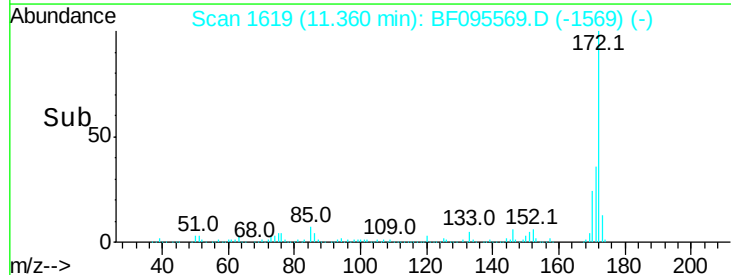
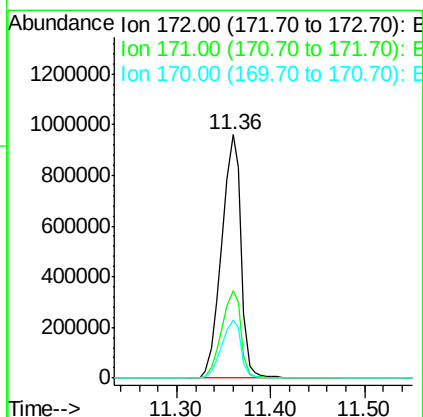
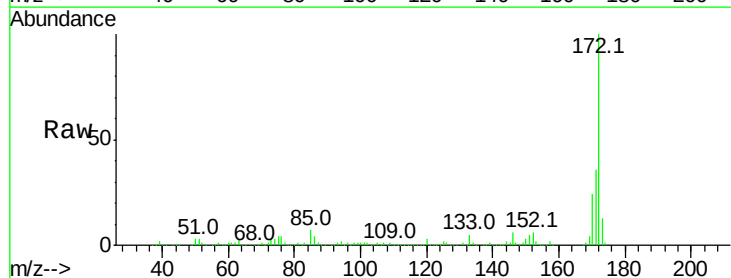
Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-7(3-7)

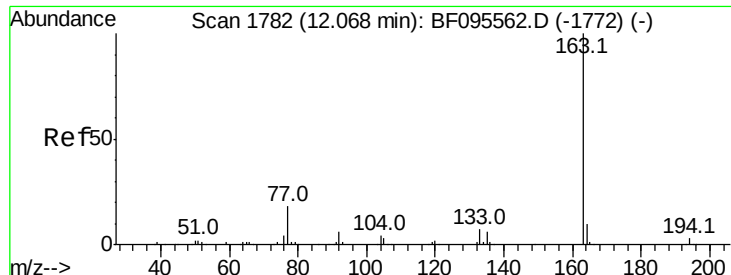
Tot Ion:330 Resp: 222189  
 Ion Ratio Lower Upper  
 330 100  
 332 98.7 76.6 115.0  
 141 40.4 31.4 47.2



#44  
 2-Fluorobiphenyl  
 Concen: 93.40 ng  
 RT: 11.36 min Scan# 1619  
 Delta R.T. -0.01 min  
 Lab File: BF095569.D  
 Acq: 31 May 2017 17:59

Tgt Ion:172 Resp: 1389534  
 Ion Ratio Lower Upper  
 172 100  
 171 36.2 29.6 44.4  
 170 23.8 19.8 29.8





#49

Dimethylphthalate

Concen: 18.06 ng

RT: 12.05 min Scan# 1736

Delta R.T. -0.02 min

Lab File: BF095569.D

Acq: 31 May 2017 17:59

Instrument :

BNA\_F

ClientSampleId :

B-7(3-7)

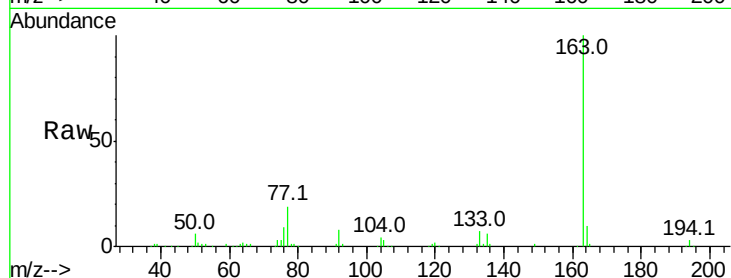
Tot Ion:163 Resp: 317529

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

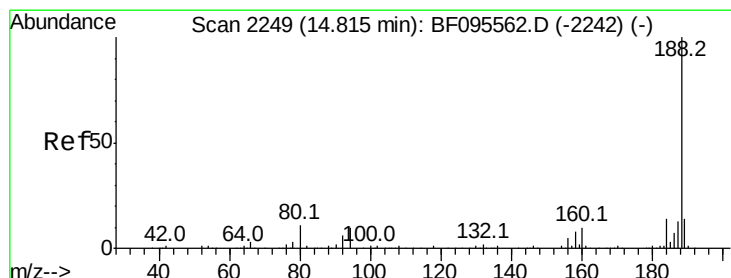
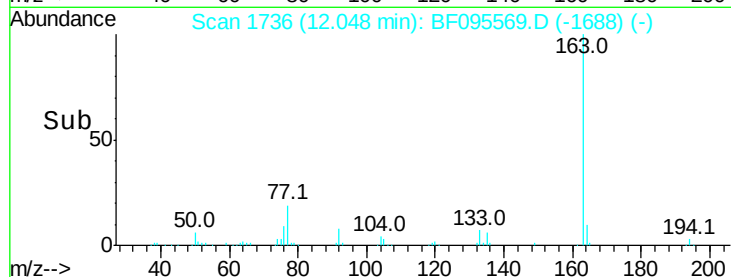
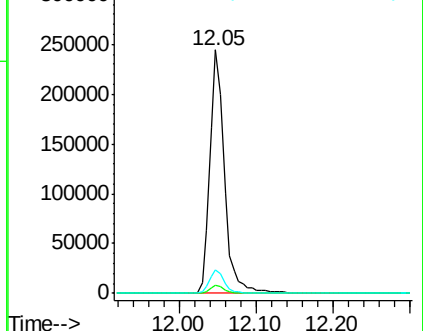
164 9.8 8.4 12.6



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: 14.81 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BF095569.D

Acq: 31 May 2017 17:59

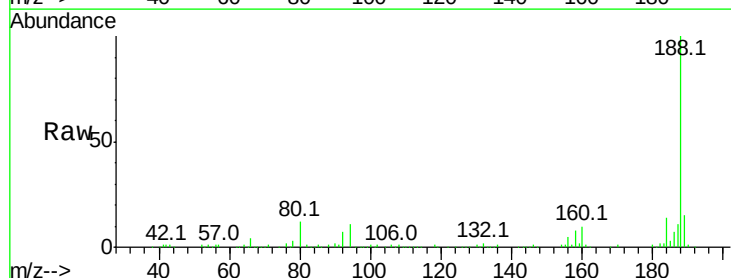
Tgt Ion:188 Resp: 377818

Ion Ratio Lower Upper

188 100

94 11.1 9.4 14.2

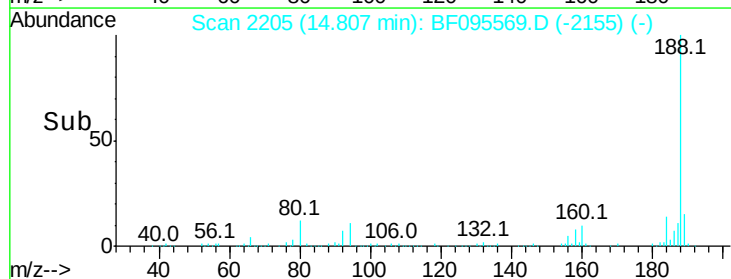
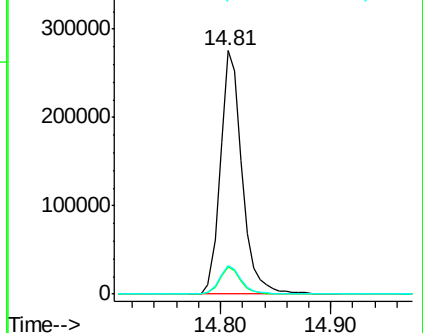
80 12.0 10.2 15.2

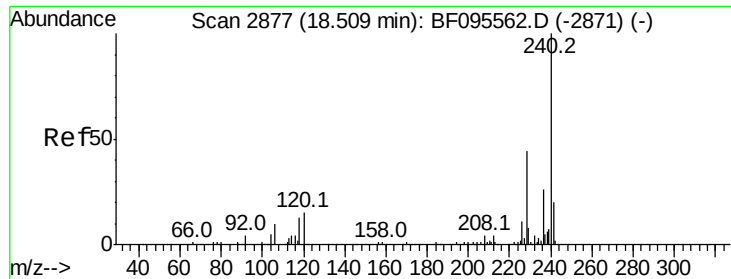


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.51 min Scan# 2834

Delta R.T. -0.00 min

Lab File: BF095569.D

Acq: 31 May 2017 17:59

Instrument :

BNA\_F

ClientSampleId :

B-7(3-7)

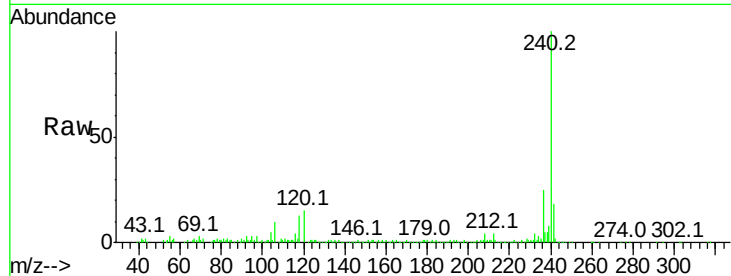
Tot Ion:240 Resp: 238782

Ion Ratio Lower Upper

240 100

120 14.6 5.8 8.8#

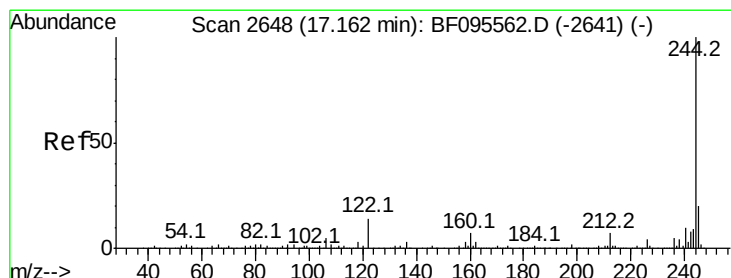
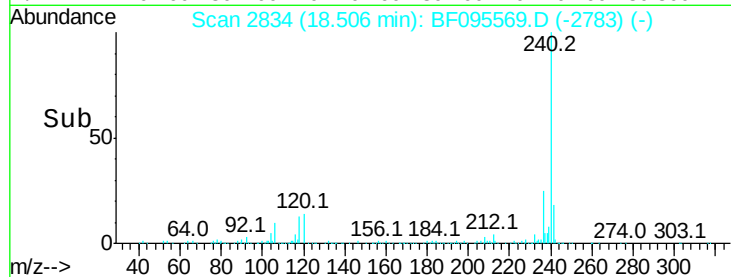
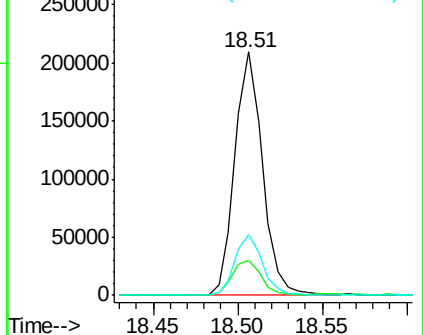
236 24.9 20.5 30.7



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: 95.08 ng

RT: 17.17 min Scan# 2606

Delta R.T. 0.00 min

Lab File: BF095569.D

Acq: 31 May 2017 17:59

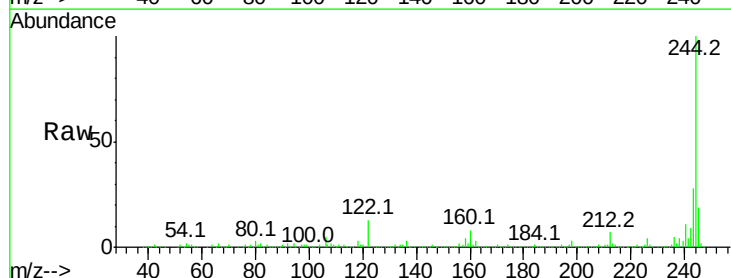
Tgt Ion:244 Resp: 1030742

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

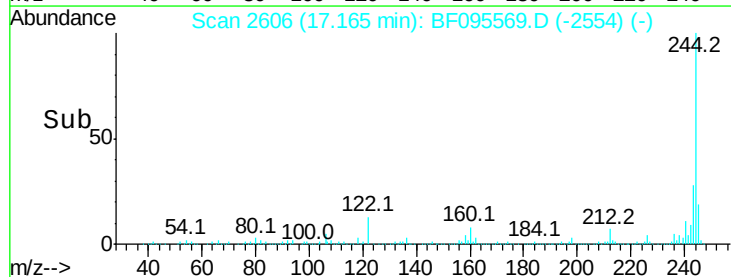
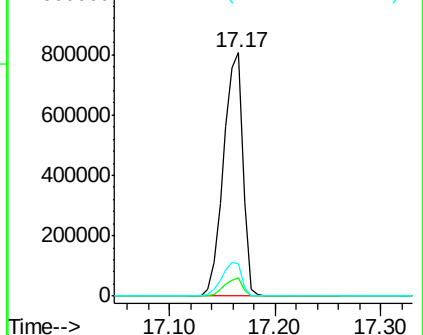
122 13.2 10.3 15.5



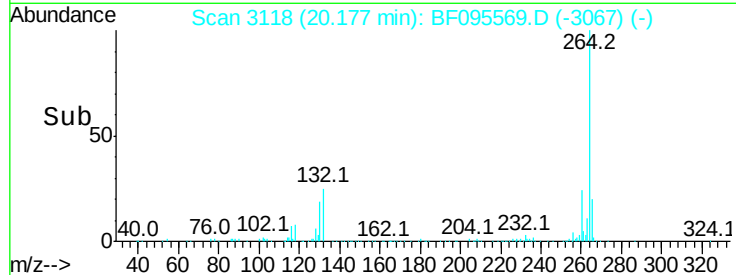
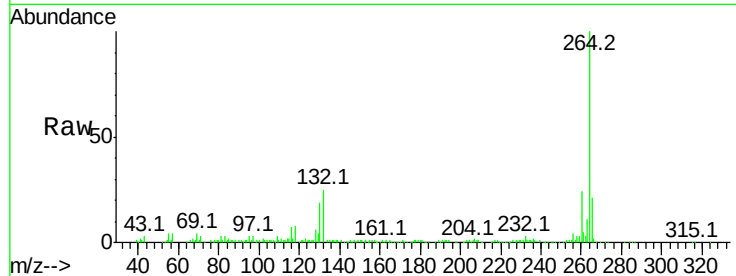
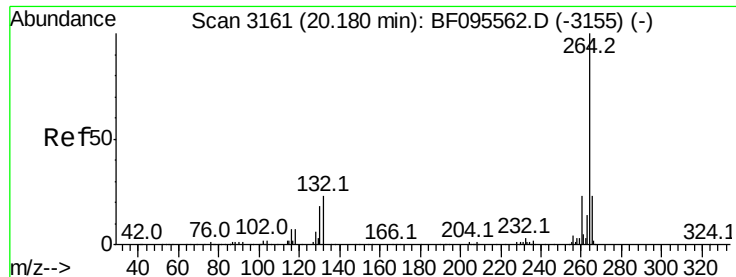
Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.18 min Scan# 3118  
Delta R.T. -0.00 min  
Lab File: BF095569.D  
Acq: 31 May 2017 17:59

Instrument :  
BNA\_F  
ClientSampleId :  
B-7(3-7)

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:264 | Resp: | 171127    |
| Ion Ratio   | Lower | Upper     |
| 264         | 100   |           |
| 260         | 23.8  | 19.5 29.3 |
| 265         | 20.5  | 17.2 25.8 |

