

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031919\  
 Data File : BF113125.D  
 Acq On : 19 Mar 2019 15:05  
 Operator : JU/SJ  
 Sample : K1970-02 20X  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Mar 19 16:46:03 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 13 03:42:55 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.72  | 152  | 143899   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 8.01  | 136  | 410156   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.77  | 164  | 280713   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.25 | 188  | 517366   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.86 | 240  | 424719   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.27 | 264  | 445606   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.33  | 112  | 57166    | 6.18  | ng    | -0.02    |
| 7) Phenol-d6                | 6.36  | 99   | 83314    | 7.17  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.28  | 82   | 80811    | 11.79 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.55 | 330  | 16402    | 5.50  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.09  | 172  | 76809    | 2.19  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.82 | 244  | 92237    | 4.21  | ng    | 0.00     |

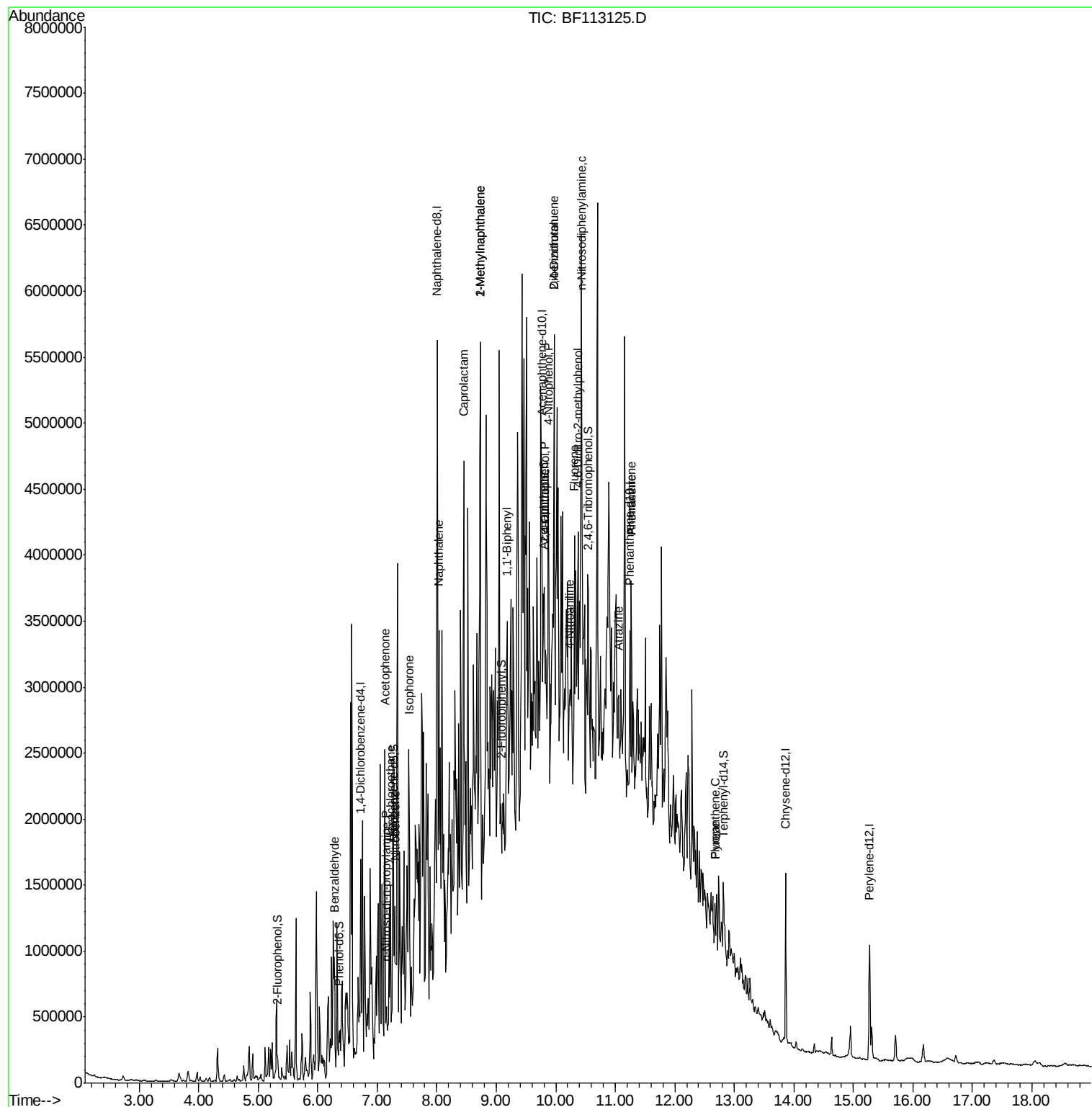
| Target Compounds               | R.T.  | QIon | Response | Conc    | Units | Qvalue |
|--------------------------------|-------|------|----------|---------|-------|--------|
| 9) Benzaldehyde                | 6.28  | 77   | 30617    | 3.657   | ng    | # 1    |
| 18) Hexachloroethane           | 7.22  | 117  | 25158    | 6.156   | ng    | # 1    |
| 19) n-Nitroso-di-n-propylamine | 7.16  | 70   | 20278    | 2.755   | ng    | # 66   |
| 22) Acetophenone               | 7.13  | 105  | 239541   | 24.977  | ng    | # 41   |
| 24) Nitrobenzene               | 7.30  | 77   | 19334    | 2.534   | ng    | # 26   |
| 25) Isophorone                 | 7.54  | 82   | 46657    | 3.160   | ng    | # 1    |
| 31) Naphthalene                | 8.03  | 128  | 686060   | 33.691  | ng    | # 96   |
| 35) Caprolactam                | 8.45  | 113  | 80786    | 40.033  | ng    | # 25   |
| 37) 2-Methylnaphthalene        | 8.73  | 142  | 1313101  | 99.853  | ng    | # 99   |
| 38) 1-Methylnaphthalene        | 8.73  | 142  | 1313101  | 103.080 | ng    | # 96   |
| 46) 1,1'-Biphenyl              | 9.19  | 154  | 149661   | 6.536   | ng    | # 98   |
| 52) Acenaphthene               | 9.80  | 154  | 85773    | 4.832   | ng    | # 75   |
| 54) 2,4-Dinitrophenol          | 9.82  | 184  | 1089     | 7.021   | ng    | # 1    |
| 55) Dibenzofuran               | 9.97  | 168  | 91156    | 3.534   | ng    | # 20   |
| 56) 4-Nitrophenol              | 9.87  | 139  | 62375    | 14.613  | ng    | # 58   |
| 57) 2,4-Dinitrotoluene         | 9.97  | 165  | 37730    | 7.042   | ng    | # 56   |
| 58) Fluorene                   | 10.31 | 166  | 207851   | 11.352  | ng    | # 83   |
| 62) 4-Nitroaniline             | 10.23 | 138  | 11671    | 2.405   | ng    | # 84   |
| 65) 4,6-Dinitro-2-methylphenol | 10.38 | 198  | 2353     | 5.613   | ng    | # 1    |
| 66) n-Nitrosodiphenylamine     | 10.43 | 169  | 223525   | 13.472  | ng    | # 52   |
| 69) Atrazine                   | 11.05 | 200  | 24850    | 4.890   | ng    | # 71   |
| 71) Phenanthrene               | 11.27 | 178  | 545717   | 21.200  | ng    | # 96   |
| 72) Anthracene                 | 11.27 | 178  | 545717   | 20.253  | ng    | # 98   |
| 75) Fluoranthene               | 12.67 | 202  | 87387    | 3.169   | ng    | # 94   |
| 78) Pyrene                     | 12.67 | 202  | 88104    | 2.461   | ng    | # 94   |

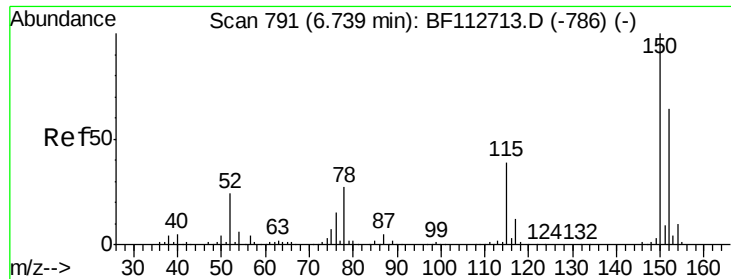
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Mar 13 03:42:55 2019  
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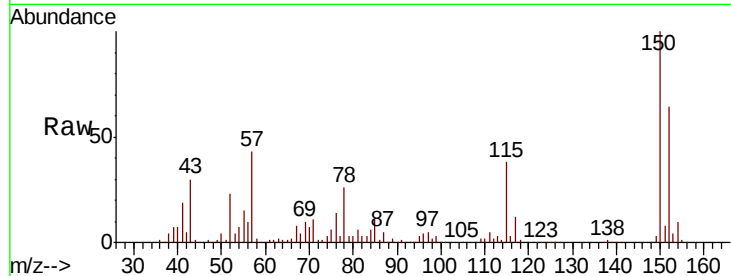


#1

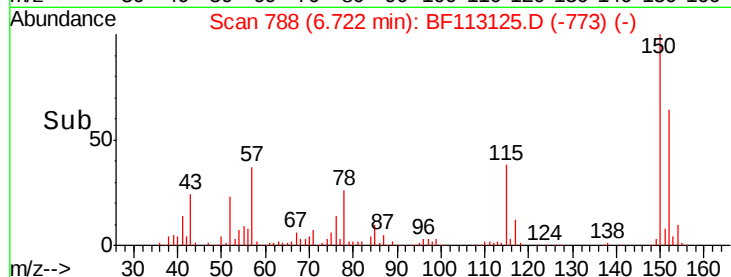
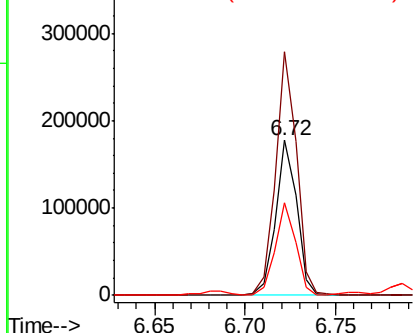
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.72 min Scan# 788  
 Delta R.T. -0.01 min  
 Lab File: BF113125.D  
 Acq: 19 Mar 2019 15:05

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.9 | 124.2 | 186.2 |
| 115     | 59.3  | 48.2  | 72.4  |



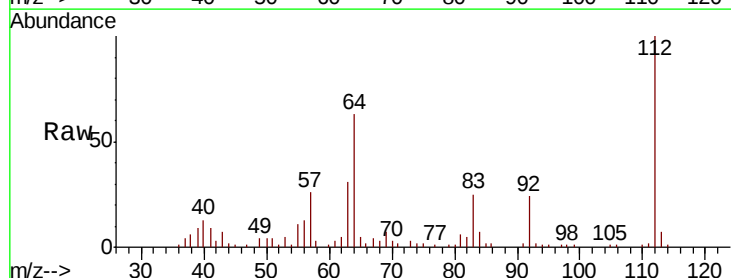
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



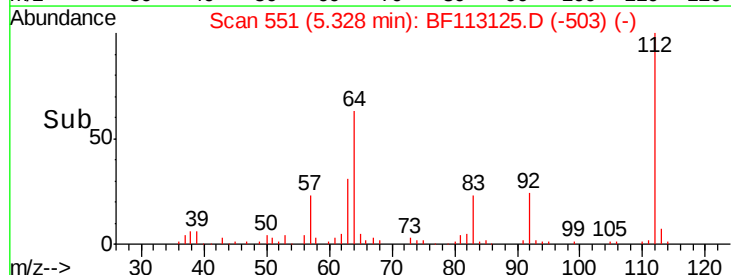
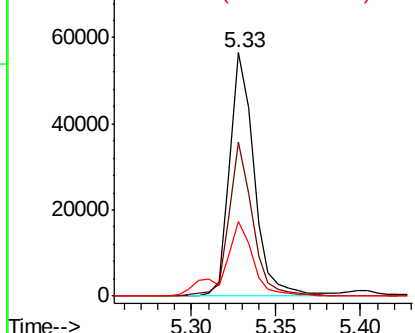
#5

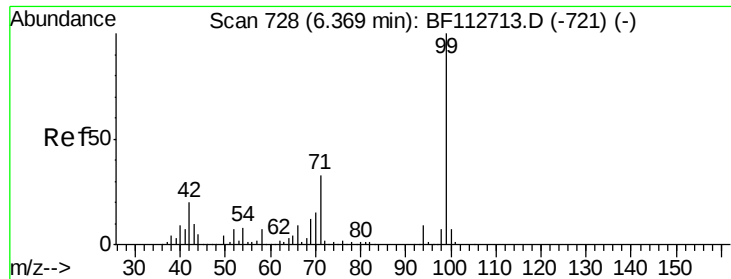
2-Fluorophenol  
 Concen: 6.180 ng  
 RT: 5.33 min Scan# 551  
 Delta R.T. -0.02 min  
 Lab File: BF113125.D  
 Acq: 19 Mar 2019 15:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 63.1  | 47.6  | 71.4  |
| 63      | 30.6  | 24.4  | 36.6  |



Abundance Ion 112.00 (111.70 to 112.70): E  
 Ion 64.00 (63.70 to 64.70): BF1  
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 7.170 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113125.D

Acq: 19 Mar 2019 15:05

Instrument :

BNA\_F

ClientSampleId :

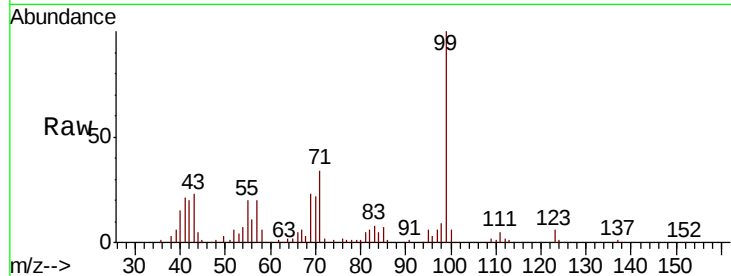
Tot Ion: 99 Resp: 83314

Ion Ratio Lower Upper

99 100

42 19.9 16.3 24.5

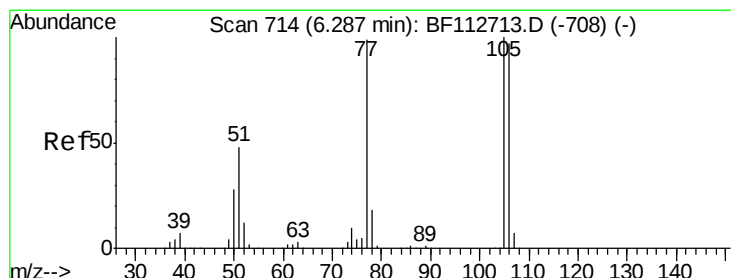
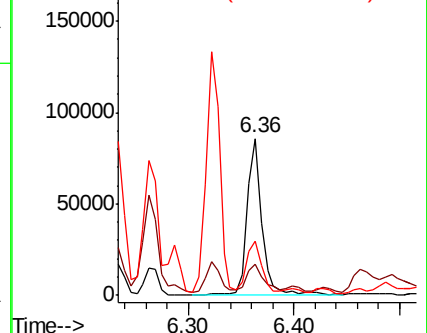
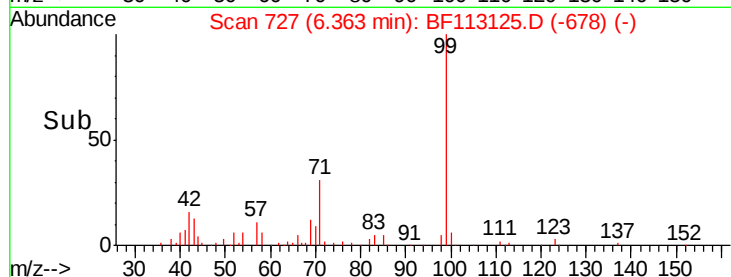
71 34.4 26.2 39.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 3.657 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF113125.D

Acq: 19 Mar 2019 15:05

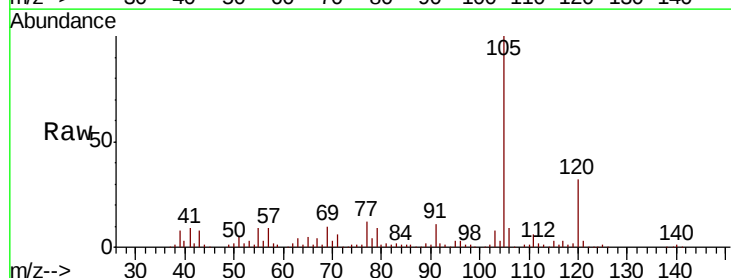
Tgt Ion: 77 Resp: 30617

Ion Ratio Lower Upper

77 100

105 843.6 81.4 121.4#

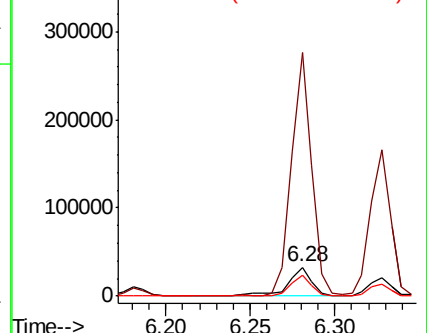
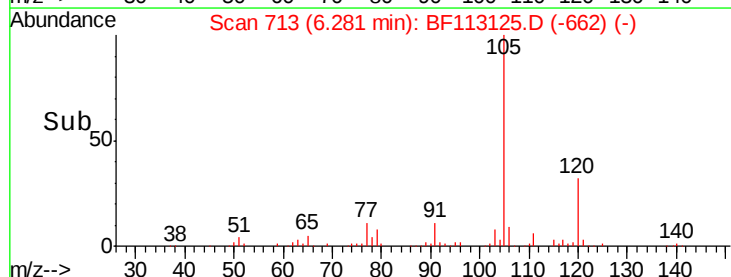
106 72.1 78.3 118.3#

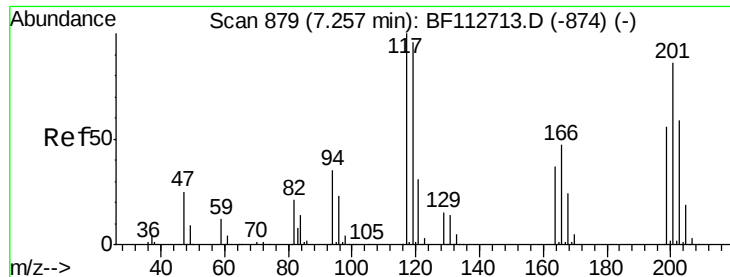


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

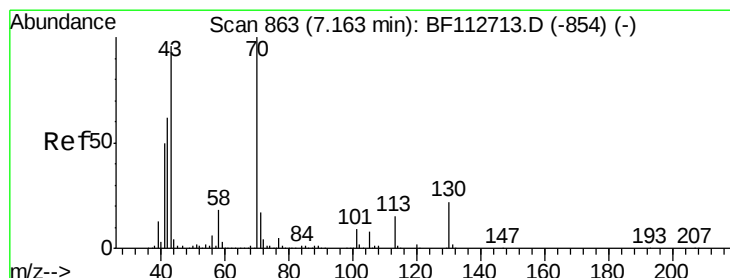
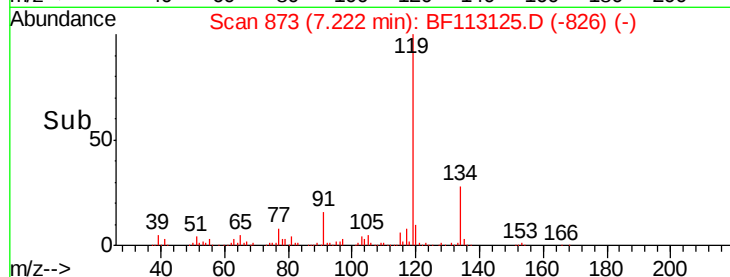
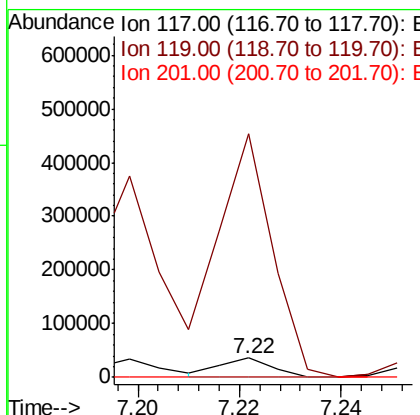
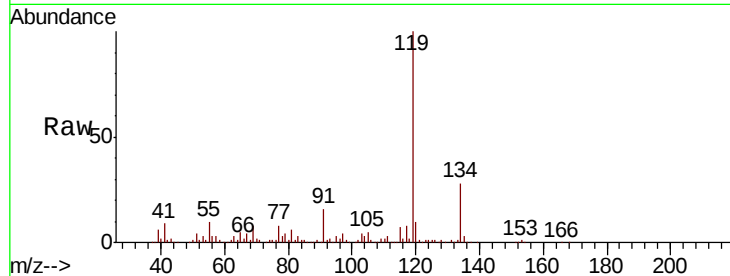




#18  
Hexachloroethane  
Concen: 6.156 ng  
RT: 7.22 min Scan# 873  
Delta R.T. -0.02 min  
Lab File: BF113125.D  
Acq: 19 Mar 2019 15:05

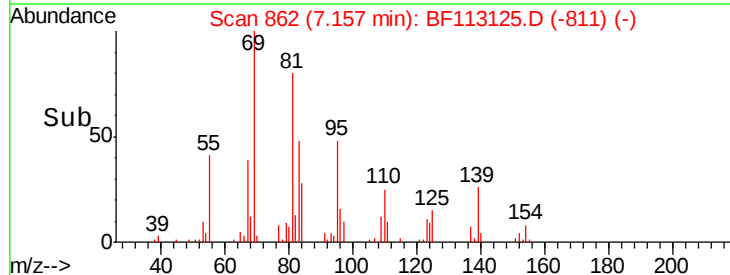
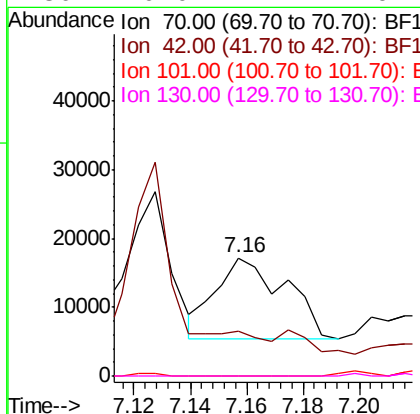
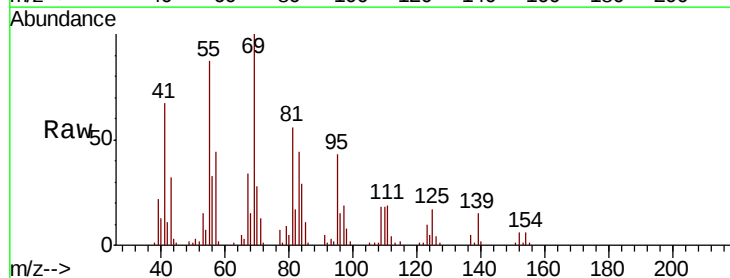
Instrument :  
BNA\_F  
ClientSampleId :

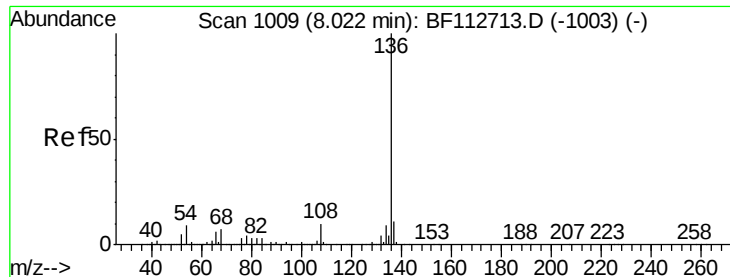
Tot Ion:117 Resp: 25158  
Ion Ratio Lower Upper  
117 100  
119 1245.1 76.6 115.0#  
201 0.0 68.9 103.3#



#19  
n-Nitroso-di-n-propylamine  
Concen: 2.755 ng  
RT: 7.16 min Scan# 862  
Delta R.T. -0.00 min  
Lab File: BF113125.D  
Acq: 19 Mar 2019 15:05

Tgt Ion: 70 Resp: 20278  
Ion Ratio Lower Upper  
70 100  
42 38.0 49.9 74.9#  
101 0.0 7.4 11.2#  
130 0.0 17.4 26.2#

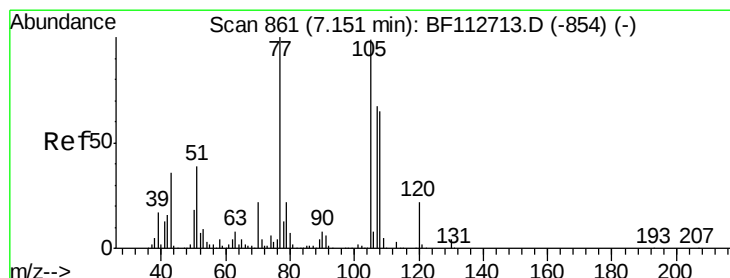
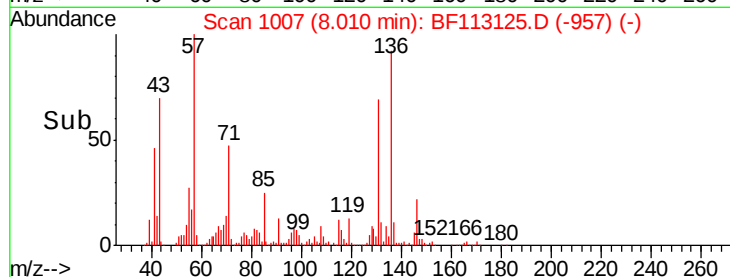
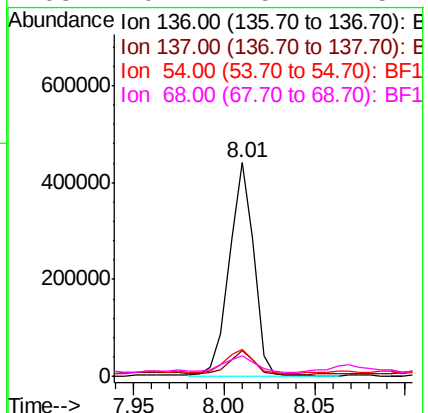
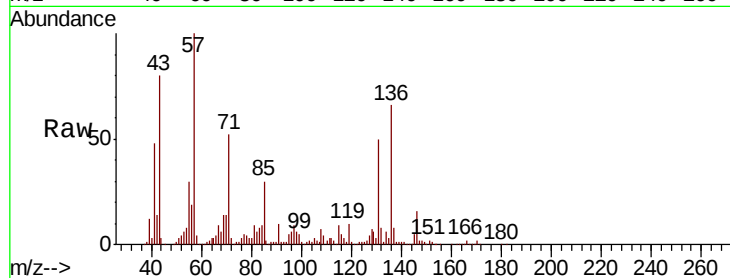




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.01 min Scan# 1007  
Delta R.T. -0.01 min  
Lab File: BF113125.D  
Acq: 19 Mar 2019 15:05

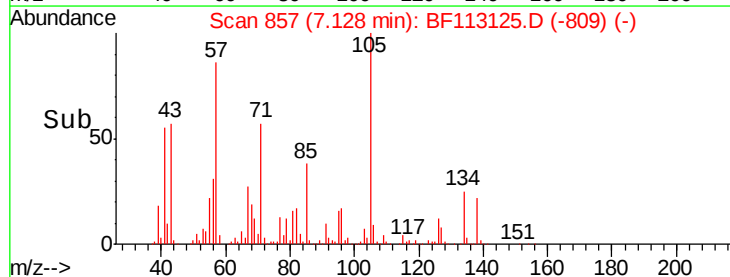
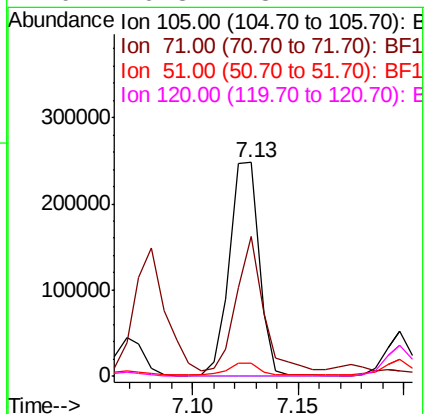
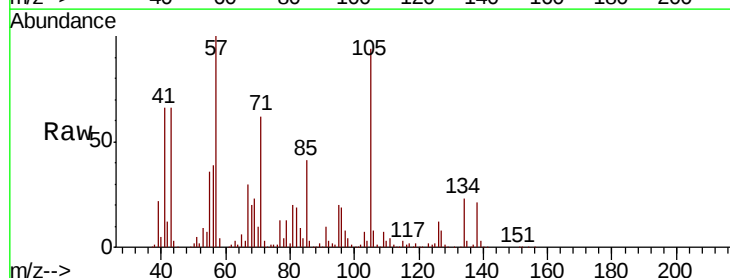
Instrument :  
BNA\_F  
ClientSampleId :

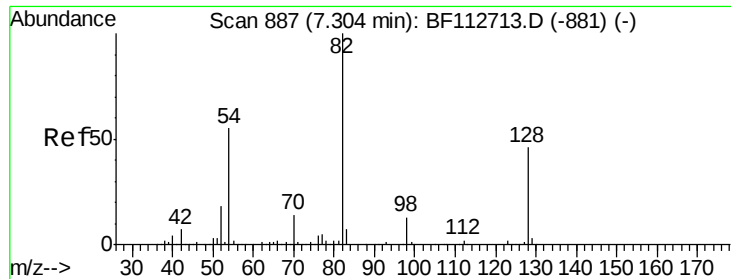
|             |       |           |
|-------------|-------|-----------|
| Tot Ion:136 | Resp: | 410156    |
| Ion Ratio   | Lower | Upper     |
| 136         | 100   |           |
| 137         | 12.3  | 8.9 13.3  |
| 54          | 12.4  | 7.3 10.9# |
| 68          | 9.7   | 5.4 8.2#  |



#22  
Acetophenone  
Concen: 24.977 ng  
RT: 7.13 min Scan# 857  
Delta R.T. -0.02 min  
Lab File: BF113125.D  
Acq: 19 Mar 2019 15:05

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:105 | Resp: | 239541     |
| Ion Ratio   | Lower | Upper      |
| 105         | 100   |            |
| 71          | 65.5  | 3.0 4.4#   |
| 51          | 5.7   | 31.5 47.3# |
| 120         | 0.3   | 18.1 27.1# |

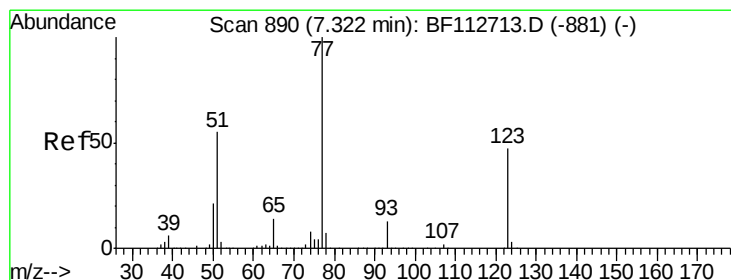
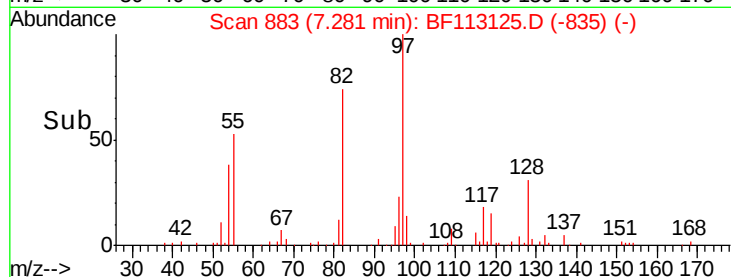
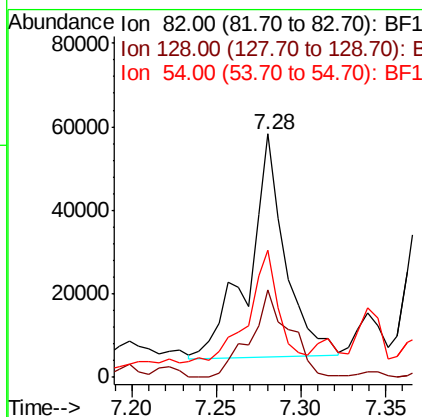
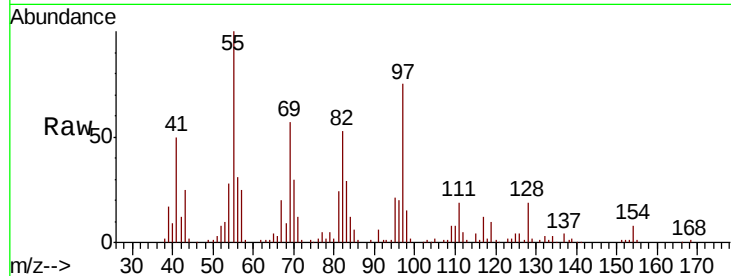




#23  
 Nitrobenzene-d5  
 Concen: 11.790 ng  
 RT: 7.28 min Scan# 883  
 Delta R.T. -0.02 min  
 Lab File: BF113125.D  
 Acq: 19 Mar 2019 15:05

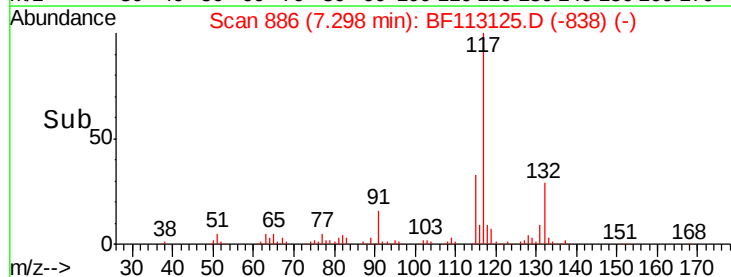
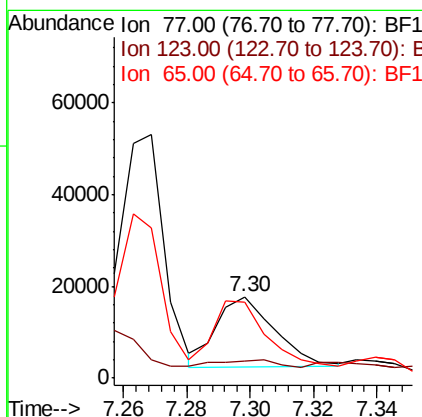
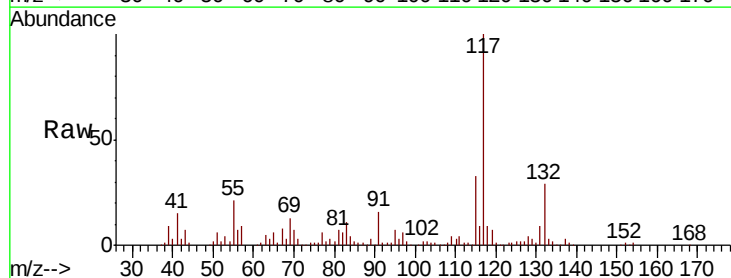
Instrument :  
 BNA\_F  
 ClientSampleId :

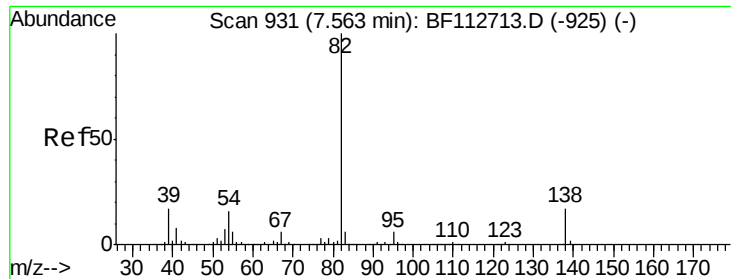
| Tot Ion   | 82    | Resp  | 80811 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 128       | 35.9  | 36.3  | 54.5# |
| 54        | 52.3  | 43.7  | 65.5  |



#24  
 Nitrobenzene  
 Concen: 2.534 ng  
 RT: 7.30 min Scan# 886  
 Delta R.T. -0.02 min  
 Lab File: BF113125.D  
 Acq: 19 Mar 2019 15:05

| Tgt Ion   | 77    | Resp  | 19334 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 77        | 100   |       |       |
| 123       | 21.1  | 37.8  | 56.6# |
| 65        | 92.9  | 11.1  | 16.7# |





#25

Isophorone

Concen: 3.160 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.02 min

Lab File: BF113125.D

Acq: 19 Mar 2019 15:05

Instrument :

BNA\_F

ClientSampled :

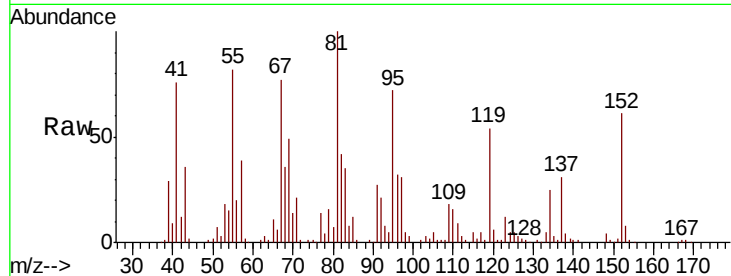
Tot Ion: 82 Resp: 46657

Ion Ratio Lower Upper

82 100

95 172.0 5.2 7.8#

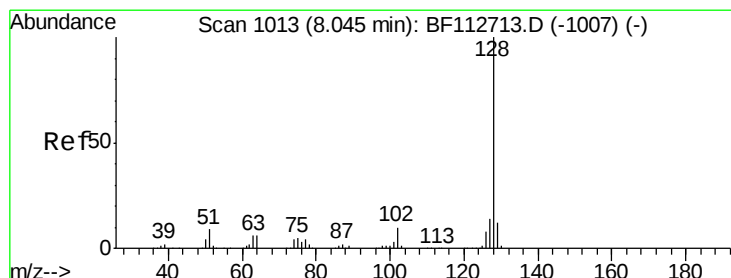
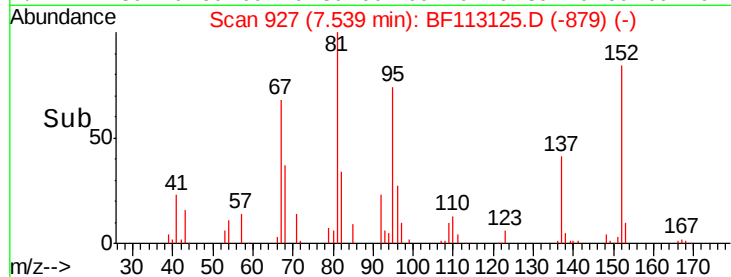
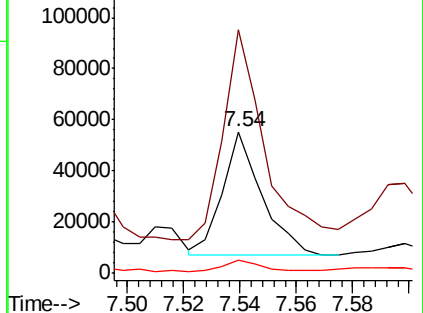
138 9.1 13.8 20.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#31

Naphthalene

Concen: 33.691 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF113125.D

Acq: 19 Mar 2019 15:05

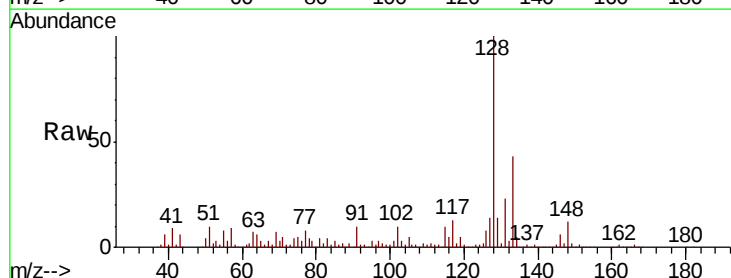
Tgt Ion: 128 Resp: 686060

Ion Ratio Lower Upper

128 100

129 14.0 9.3 13.9#

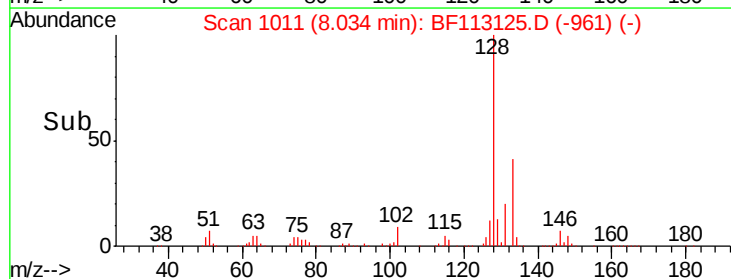
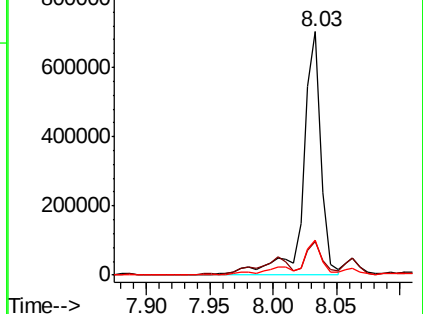
127 14.5 10.9 16.3

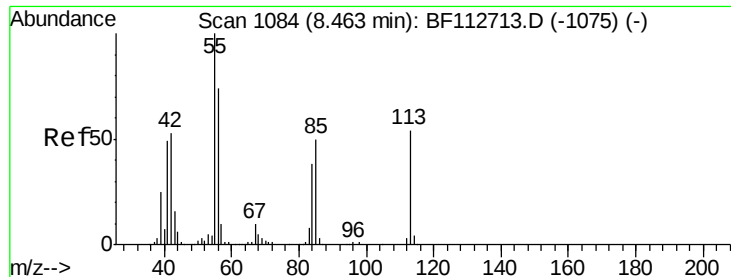


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

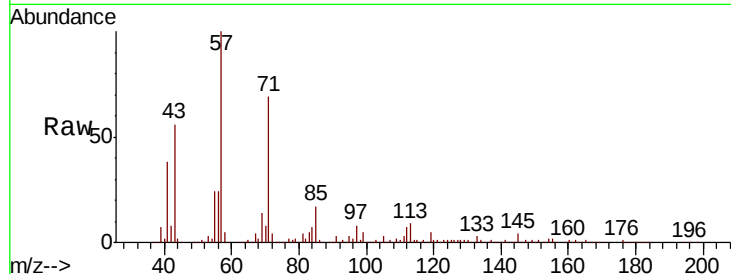




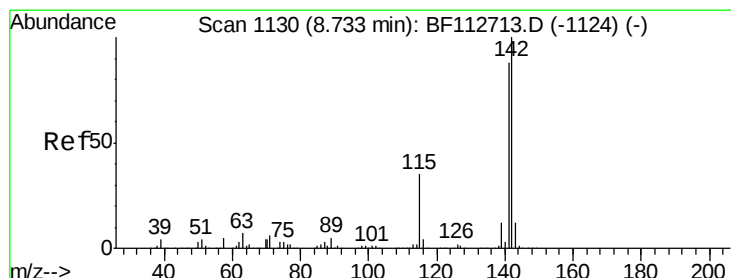
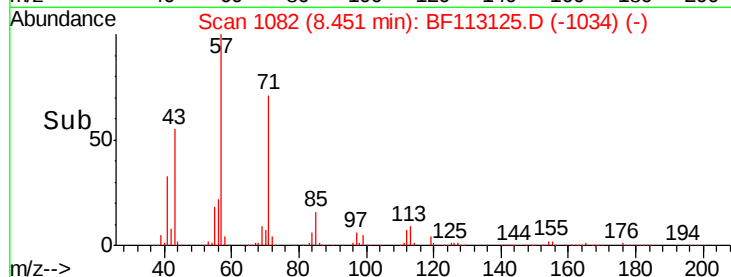
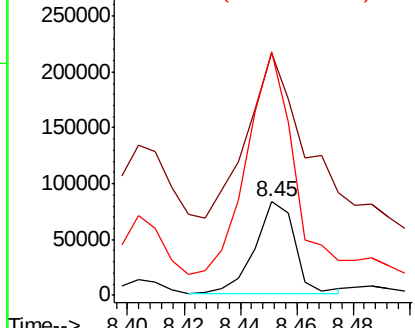
#35  
 Caprolactam  
 Concen: 40.033 ng  
 RT: 8.45 min Scan# 1082  
 Delta R.T. -0.02 min  
 Lab File: BF113125.D  
 Acq: 19 Mar 2019 15:05

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:113 Resp: 80786  
 Ion Ratio Lower Upper  
 113 100  
 55 258.9 163.5 203.5#  
 56 260.1 115.3 155.3#

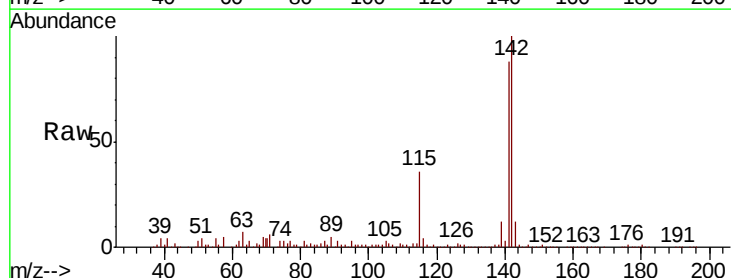


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF1  
 Ion 56.00 (55.70 to 56.70): BF1

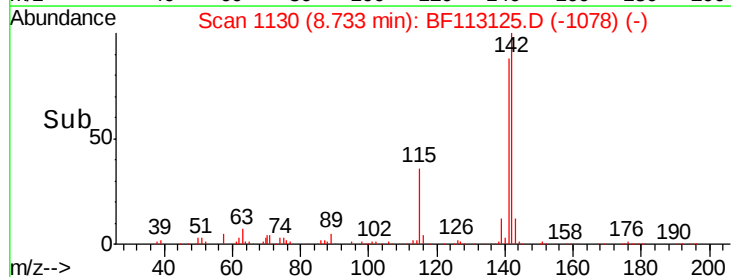
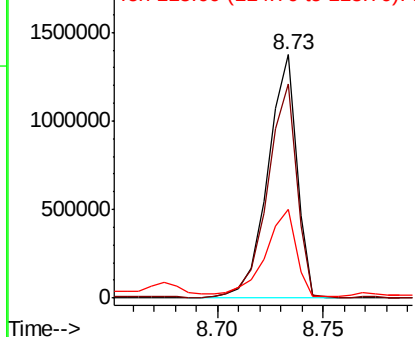


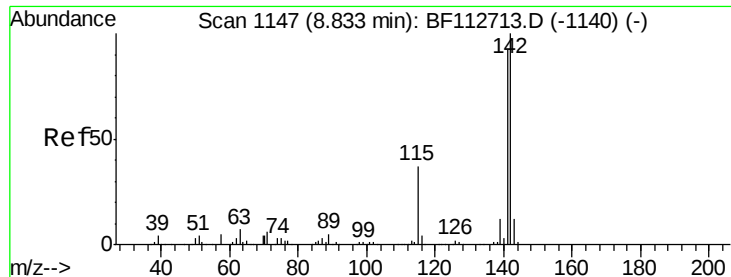
#37  
 2-Methylnaphthalene  
 Concen: 99.853 ng  
 RT: 8.73 min Scan# 1130  
 Delta R.T. 0.01 min  
 Lab File: BF113125.D  
 Acq: 19 Mar 2019 15:05

Tgt Ion:142 Resp: 1313101  
 Ion Ratio Lower Upper  
 142 100  
 141 87.7 70.3 105.5  
 115 36.4 27.8 41.6



Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

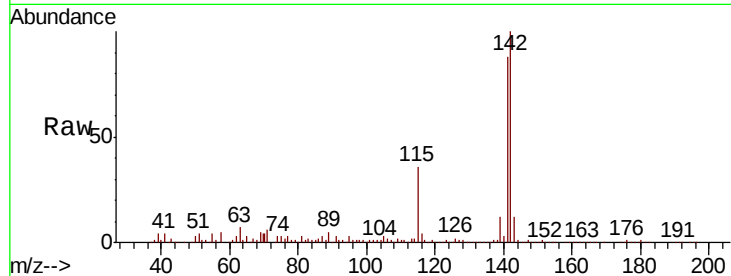




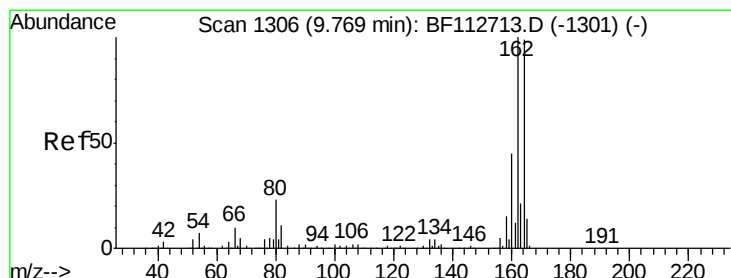
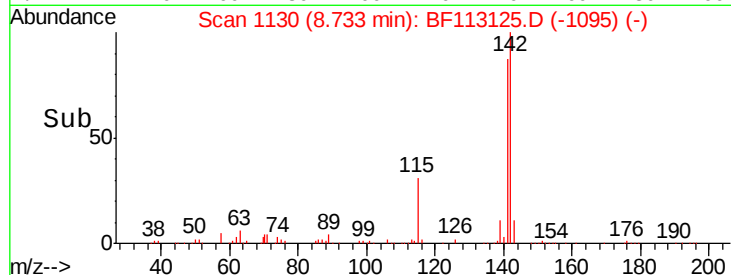
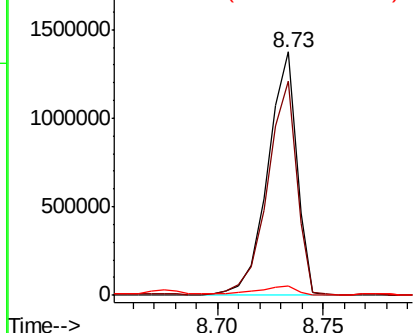
#38  
 1-Methylnaphthalene  
 Concen: 103.080 ng  
 RT: 8.73 min Scan# 1130  
 Delta R.T. -0.09 min  
 Lab File: BF113125.D  
 Acq: 19 Mar 2019 15:05

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:142 Resp: 1313101  
 Ion Ratio Lower Upper  
 142 100  
 141 87.7 73.7 110.5  
 116 3.9 3.1 4.7

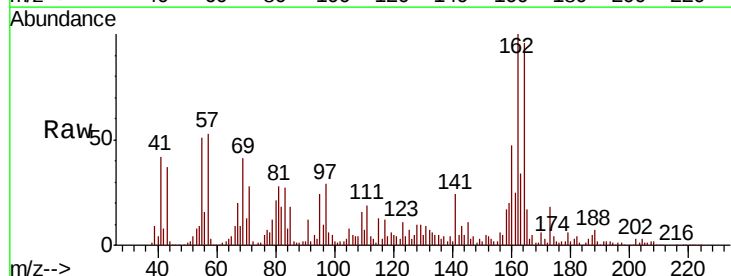


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 116.00 (115.70 to 116.70): E

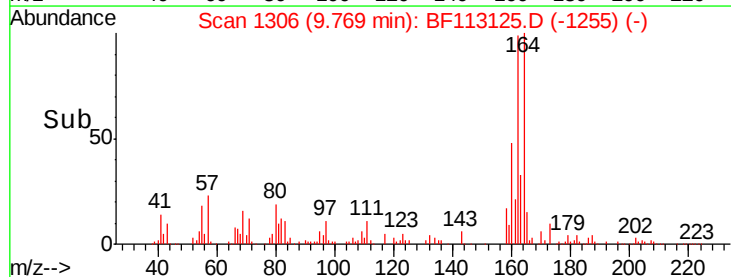
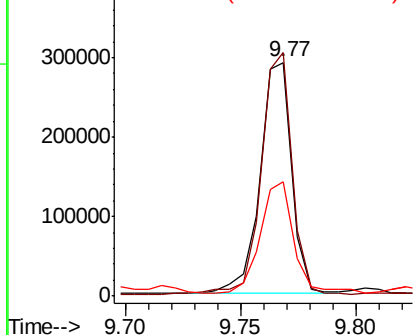


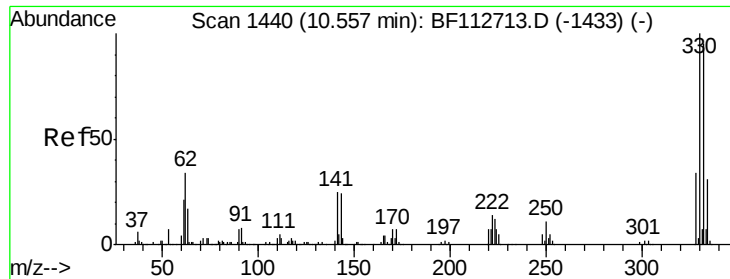
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.77 min Scan# 1306  
 Delta R.T. -0.00 min  
 Lab File: BF113125.D  
 Acq: 19 Mar 2019 15:05

Tgt Ion:164 Resp: 280713  
 Ion Ratio Lower Upper  
 164 100  
 162 104.3 80.6 120.8  
 160 49.0 36.0 54.0



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





#42

2,4,6-Tribromophenol

Concen: 5.504 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BF113125.D

Acq: 19 Mar 2019 15:05

Instrument :

BNA\_F

ClientSampled :

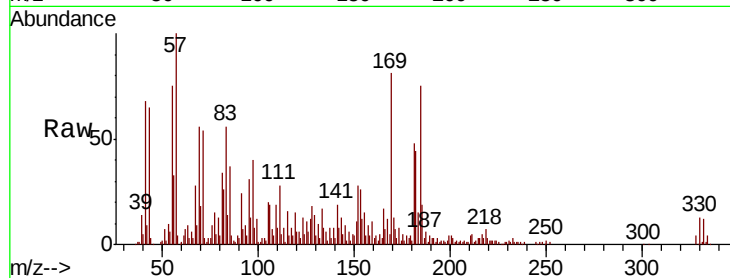
Tot Ion:330 Resp: 16402

Ion Ratio Lower Upper

330 100

332 95.4 76.2 114.4

141 119.2 27.0 40.6#

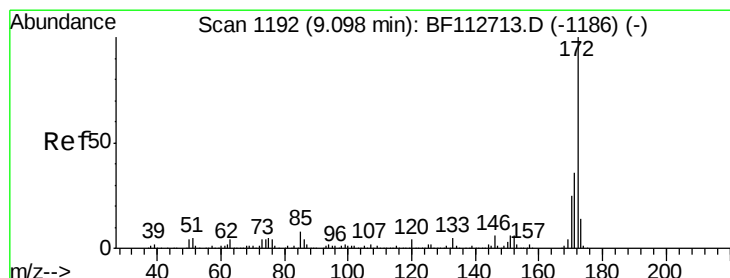
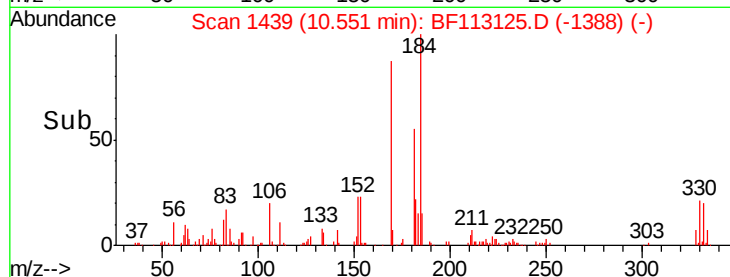
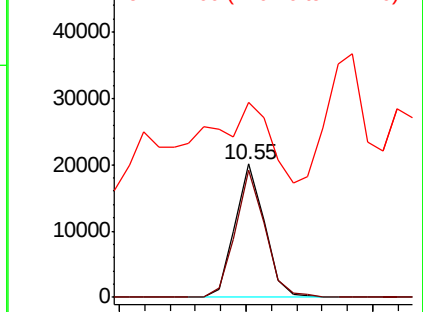


Abundance

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



#45

2-Fluorobiphenyl

Concen: 2.191 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF113125.D

Acq: 19 Mar 2019 15:05

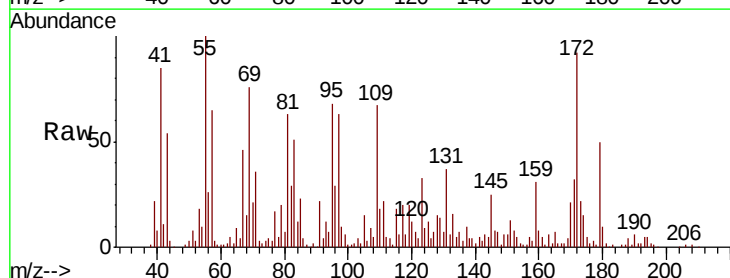
Tgt Ion:172 Resp: 76809

Ion Ratio Lower Upper

172 100

171 34.5 29.0 43.4

170 22.6 20.0 30.0

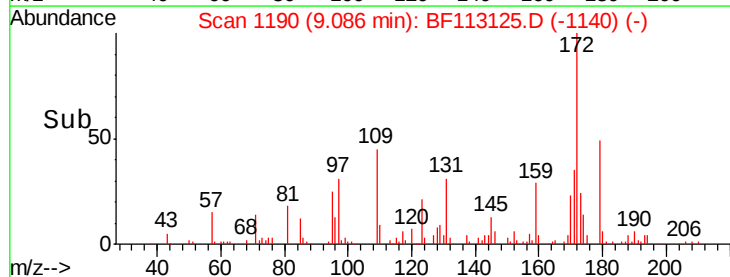
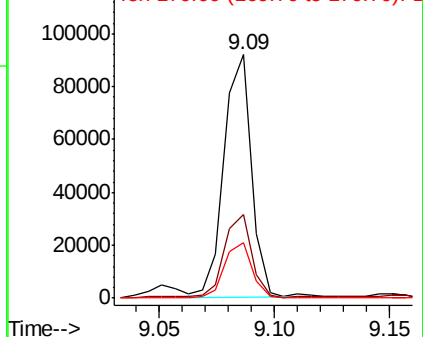


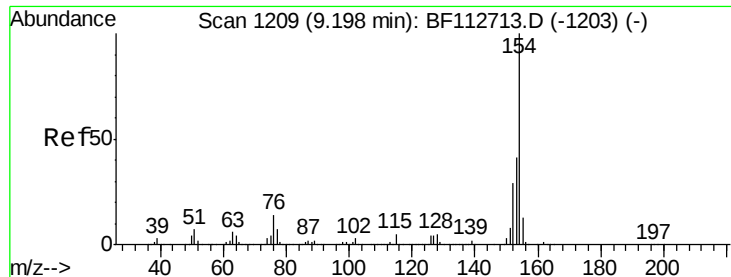
Abundance

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

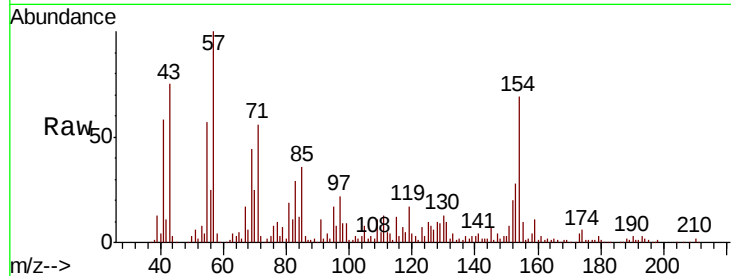




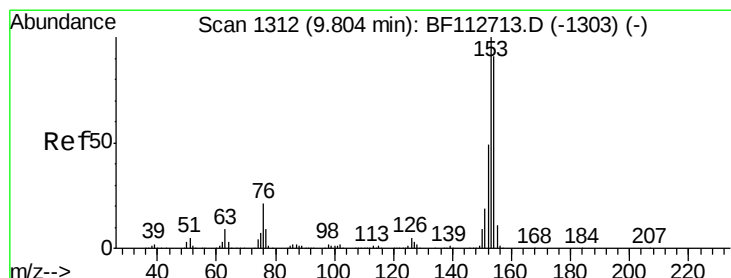
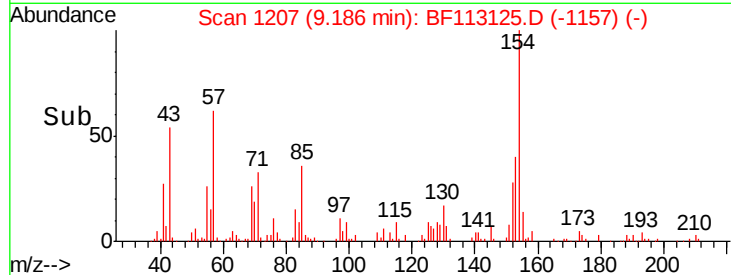
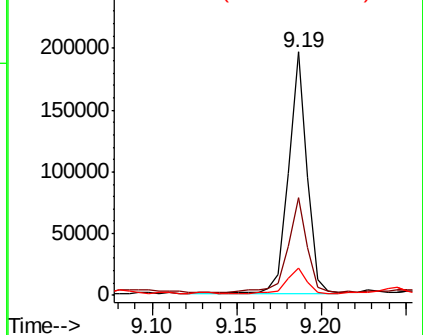
#46  
 1,1'-Biphenyl  
 Concen: 6.536 ng  
 RT: 9.19 min Scan# 1207  
 Delta R.T. -0.01 min  
 Lab File: BF113125.D  
 Acq: 19 Mar 2019 15:05

Instrument :  
 BNA\_F  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.2  | 20.8  | 60.8  |
| 76      | 11.4  | 0.0   | 33.8  |

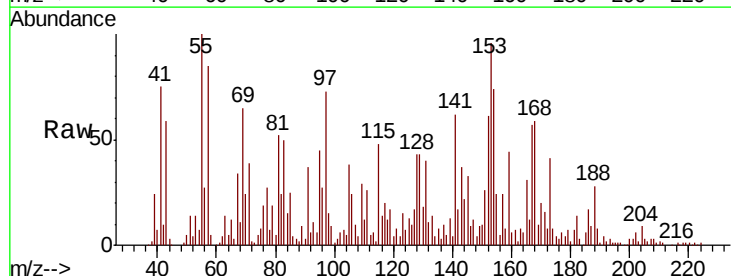


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF1

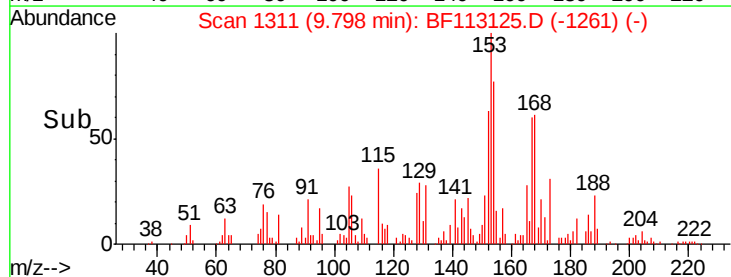
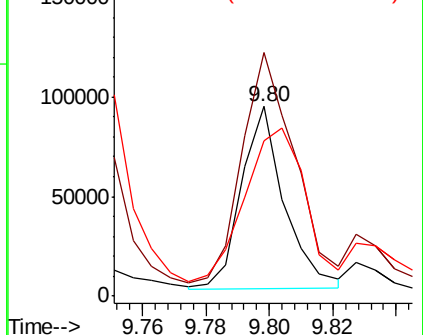


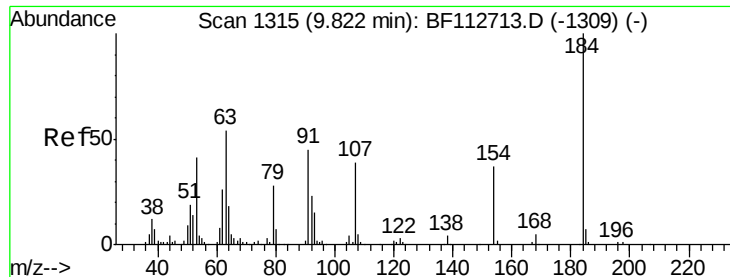
#52  
 Acenaphthene  
 Concen: 4.832 ng  
 RT: 9.80 min Scan# 1311  
 Delta R.T. -0.01 min  
 Lab File: BF113125.D  
 Acq: 19 Mar 2019 15:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 128.6 | 87.8  | 131.8 |
| 152     | 82.4  | 43.0  | 64.6  |



Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 152.00 (151.70 to 152.70): E





#54

2,4-Dinitrophenol

Concen: 7.021 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF113125.D

Acq: 19 Mar 2019 15:05

Instrument :

BNA\_F

ClientSampleId :

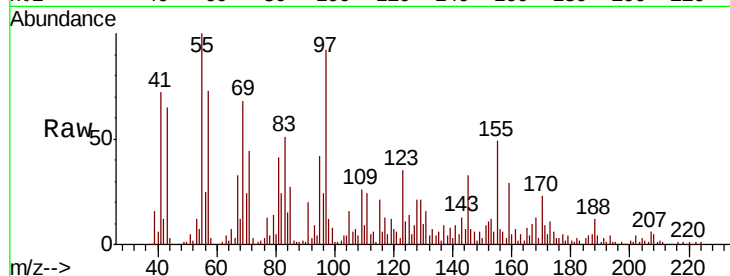
Tot Ion:184 Resp: 1089

Ion Ratio Lower Upper

184 100

63 863.5 45.3 67.9#

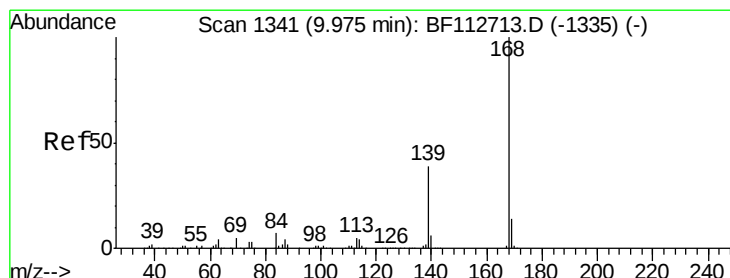
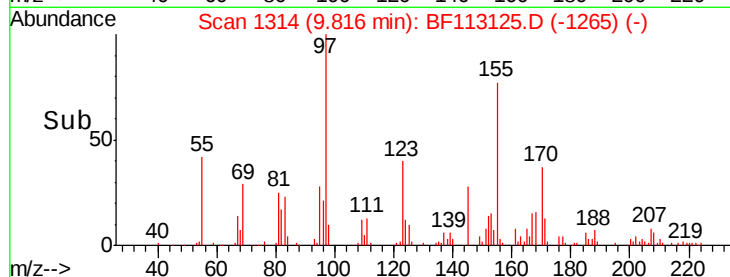
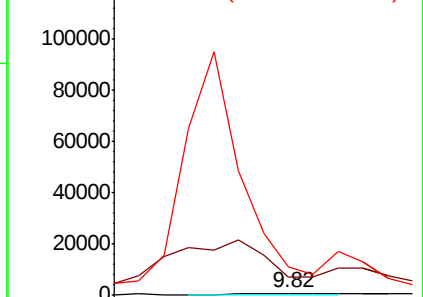
154 1373.4 46.0 69.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#55

Dibenzofuran

Concen: 3.534 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF113125.D

Acq: 19 Mar 2019 15:05

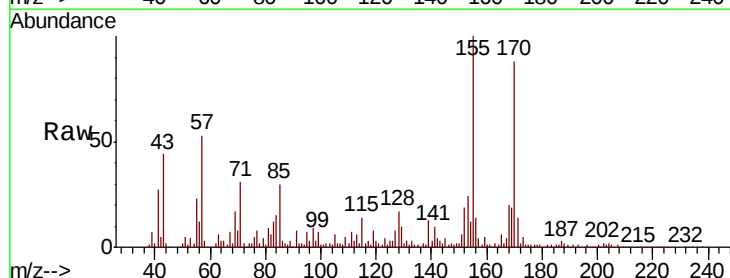
Tgt Ion:168 Resp: 91156

Ion Ratio Lower Upper

168 100

139 64.1 31.3 46.9#

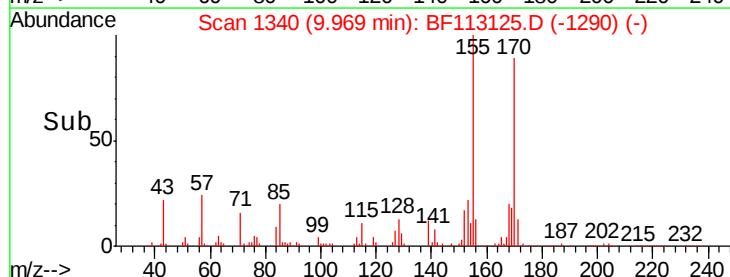
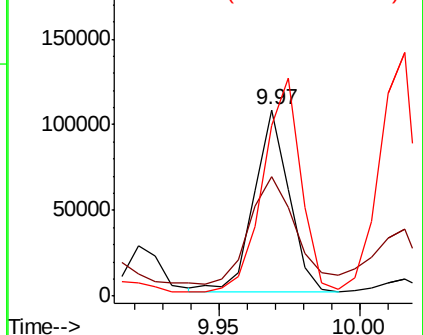
169 91.6 11.3 16.9#

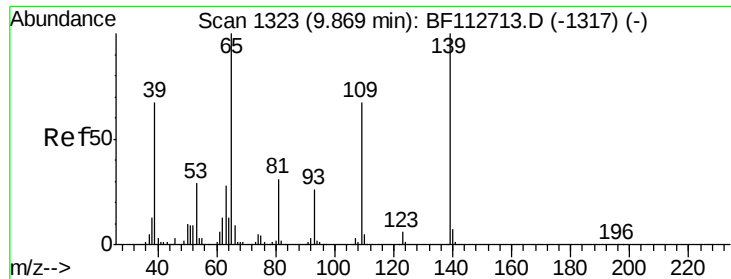


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

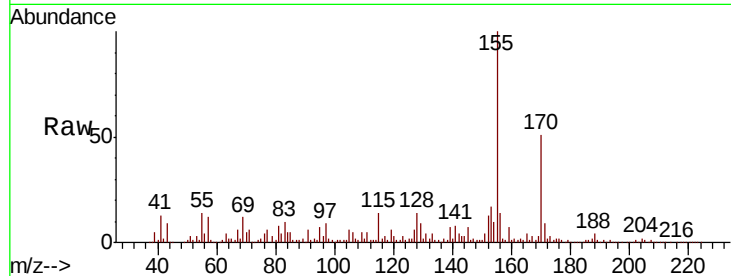




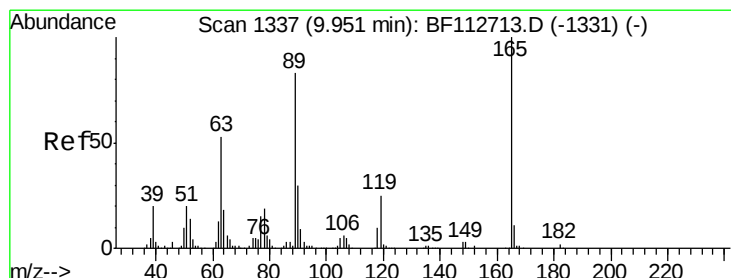
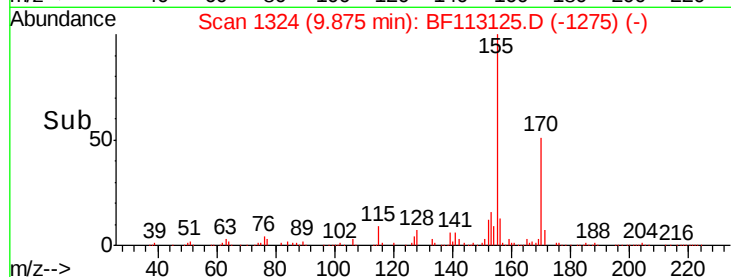
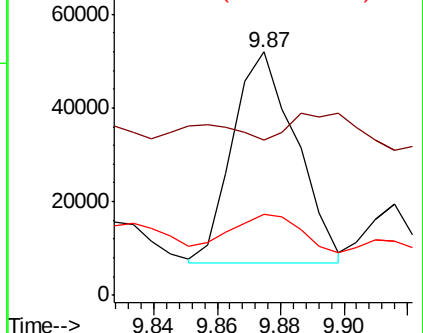
#56  
4-Nitrophenol  
Concen: 14.613 ng  
RT: 9.87 min Scan# 1324  
Delta R.T. -0.01 min  
Lab File: BF113125.D  
Acq: 19 Mar 2019 15:05

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 139     | 100   |       |        |
| 109     | 63.9  | 46.8  | 86.8   |
| 65      | 33.2  | 80.7  | 120.7# |

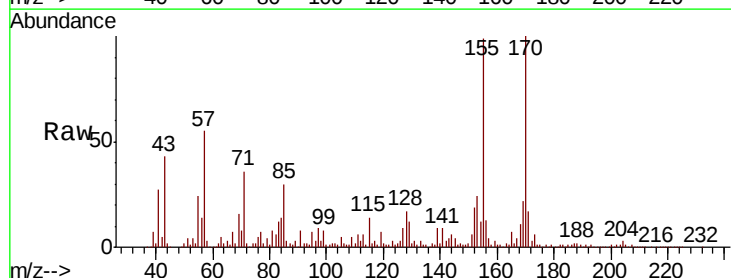


Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF1

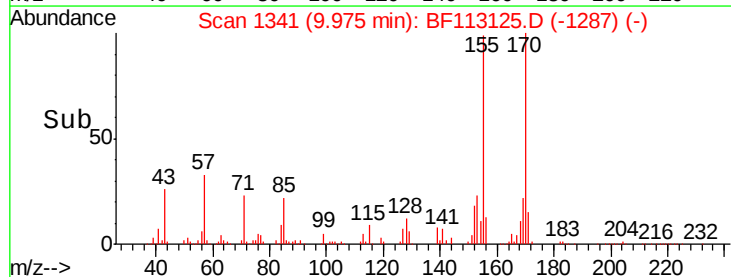
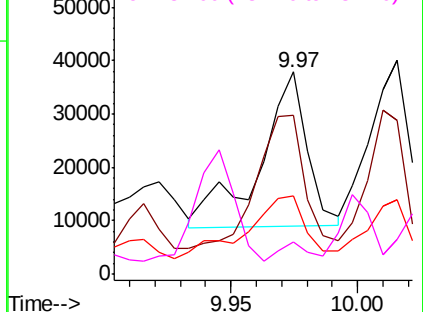


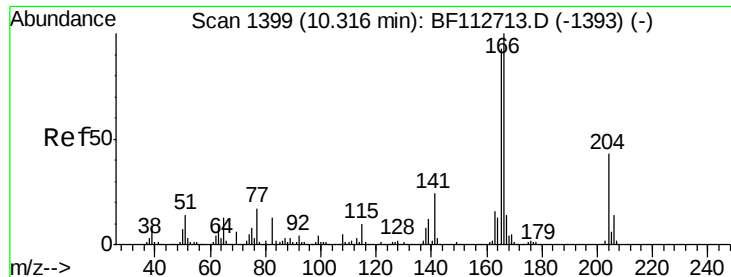
#57  
2,4-Dinitrotoluene  
Concen: 7.042 ng  
RT: 9.97 min Scan# 1341  
Delta R.T. 0.02 min  
Lab File: BF113125.D  
Acq: 19 Mar 2019 15:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 78.9  | 42.2  | 63.2# |
| 89      | 38.7  | 66.2  | 99.4# |
| 182     | 16.1  | 1.8   | 2.6#  |



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1  
Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 11.352 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.01 min

Lab File: BF113125.D

Acq: 19 Mar 2019 15:05

Instrument :

BNA\_F

ClientSampleId :

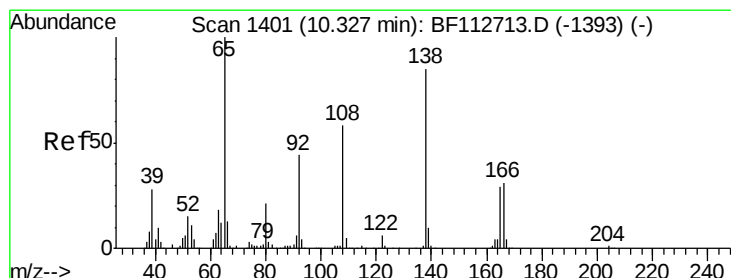
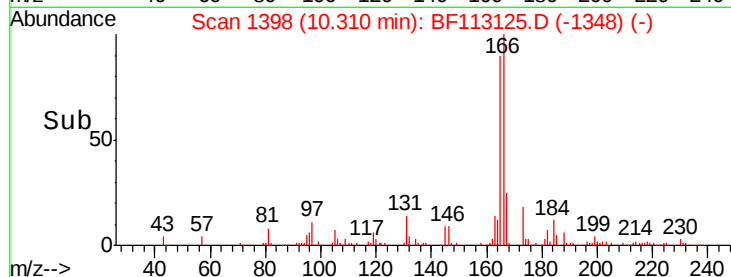
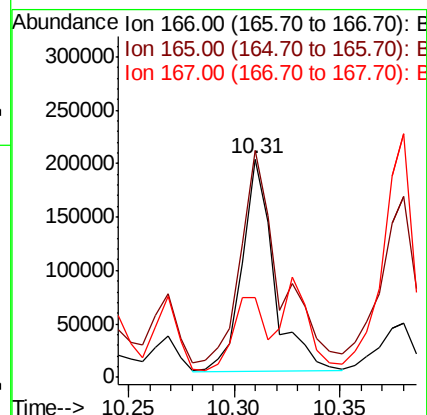
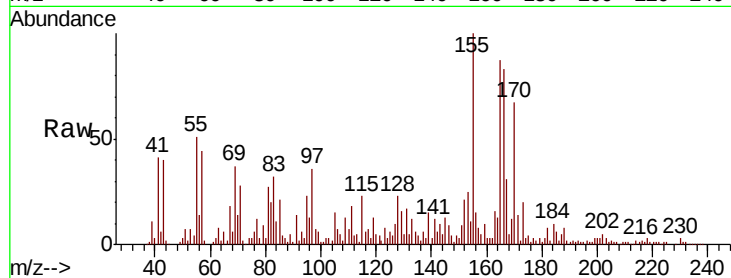
Tot Ion:166 Resp: 207851

Ion Ratio Lower Upper

166 100

165 104.1 74.7 112.1

167 36.7 11.0 16.6#



#62

4-Nitroaniline

Concen: 2.405 ng

RT: 10.23 min Scan# 1384

Delta R.T. -0.10 min

Lab File: BF113125.D

Acq: 19 Mar 2019 15:05

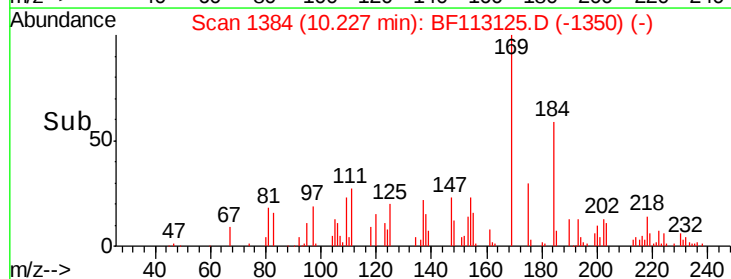
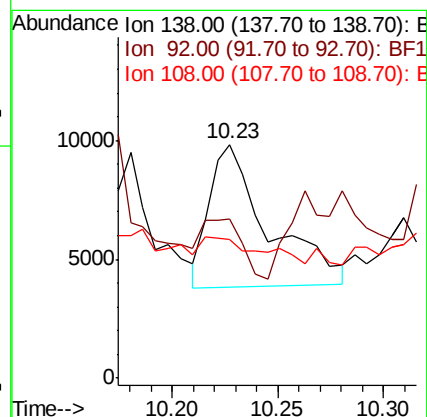
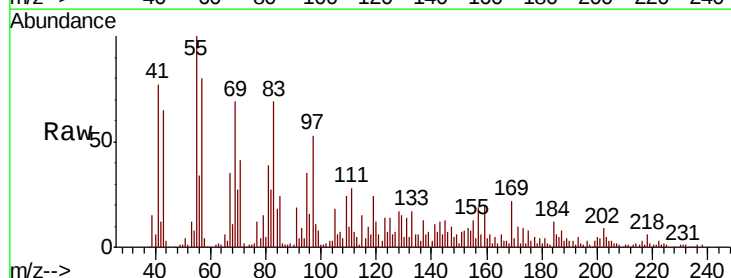
Tgt Ion:138 Resp: 11671

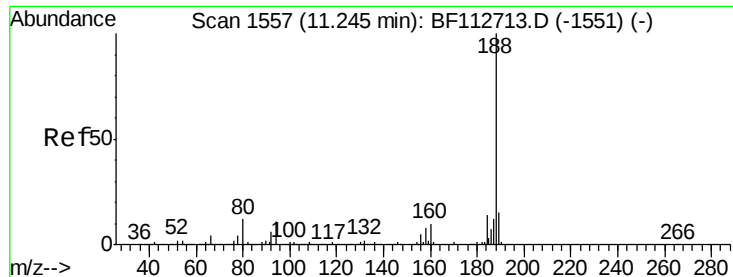
Ion Ratio Lower Upper

138 100

92 67.9 31.3 71.3

108 59.4 48.1 88.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BF113125.D

Acq: 19 Mar 2019 15:05

Instrument :

BNA\_F

ClientSampleId :

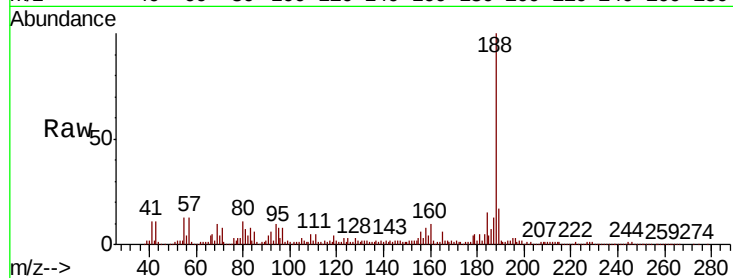
Tot Ion:188 Resp: 517366

Ion Ratio Lower Upper

188 100

94 10.1 9.0 13.4

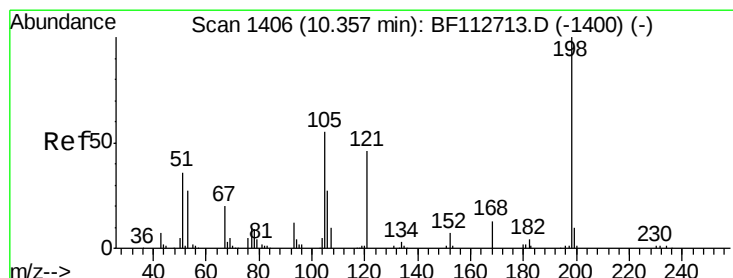
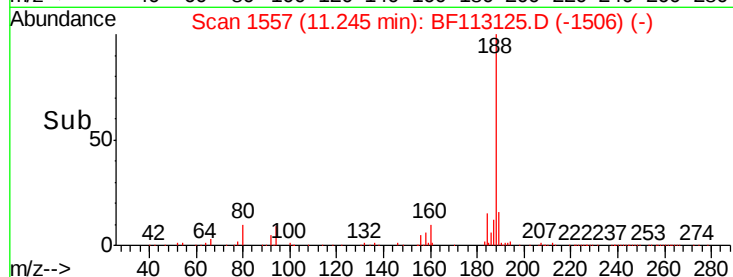
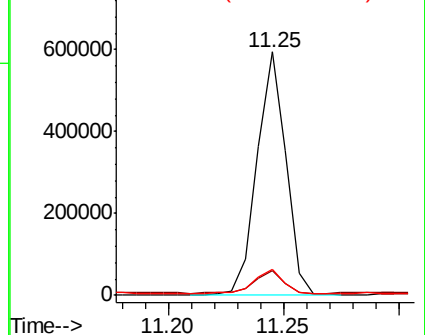
80 10.5 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 5.613 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.02 min

Lab File: BF113125.D

Acq: 19 Mar 2019 15:05

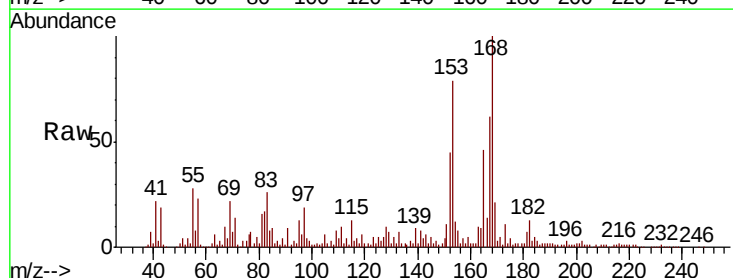
Tgt Ion:198 Resp: 2353

Ion Ratio Lower Upper

198 100

51 559.8 43.8 83.8#

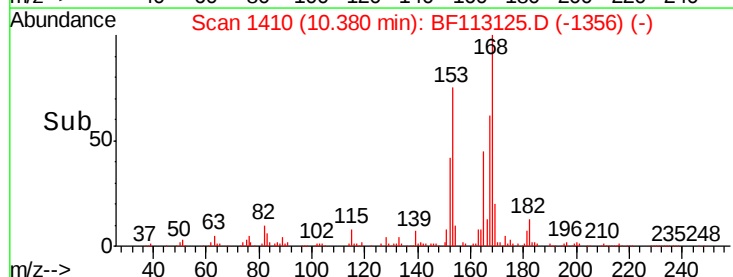
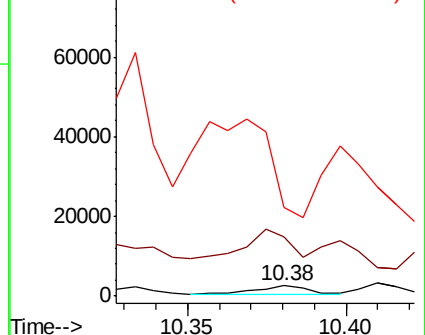
105 836.3 36.5 76.5#

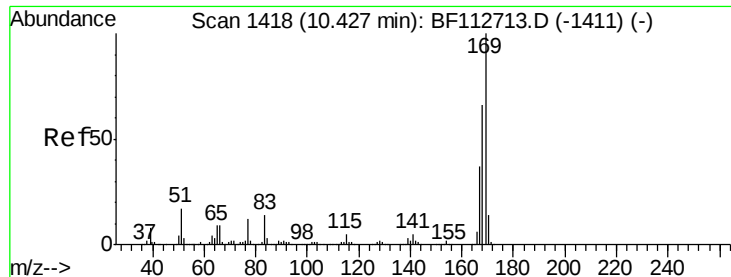


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#66

n-Nitrosodiphenylamine

Concen: 13.472 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.01 min

Lab File: BF113125.D

Acq: 19 Mar 2019 15:05

Instrument :

BNA\_F

ClientSampled :

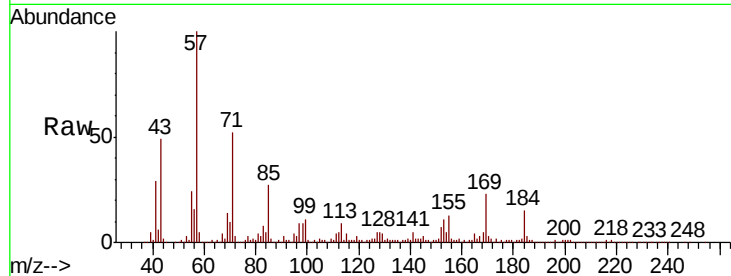
Tot Ion:169 Resp: 223525

Ion Ratio Lower Upper

169 100

168 24.0 53.0 79.6#

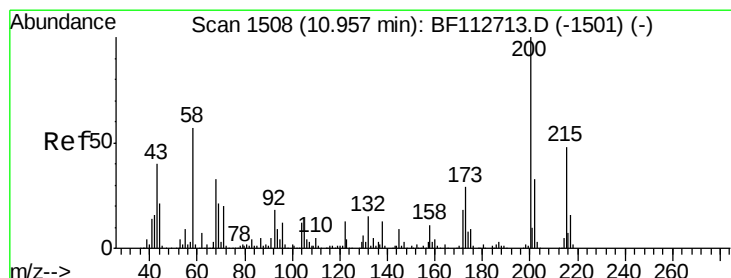
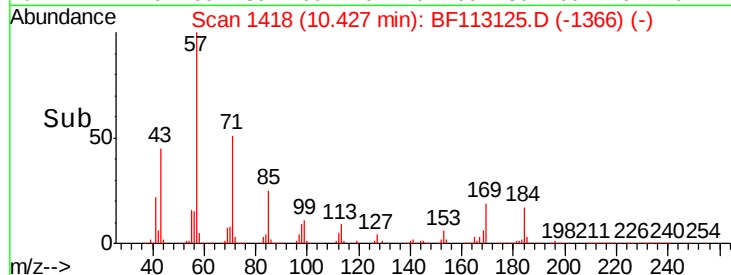
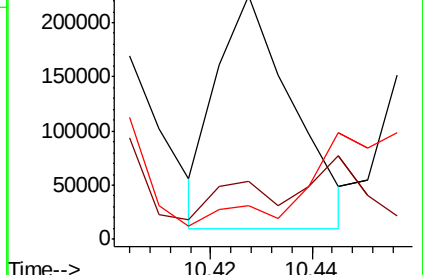
167 13.9 29.3 43.9#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#69

Atrazine

Concen: 4.890 ng

RT: 11.05 min Scan# 1524

Delta R.T. 0.10 min

Lab File: BF113125.D

Acq: 19 Mar 2019 15:05

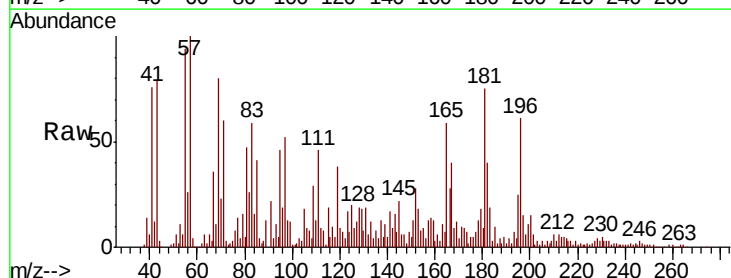
Tgt Ion:200 Resp: 24850

Ion Ratio Lower Upper

200 100

173 46.1 9.1 49.1

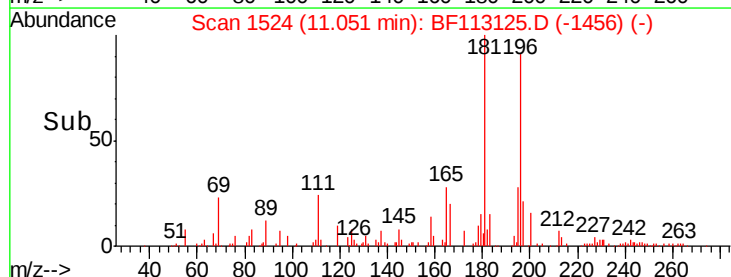
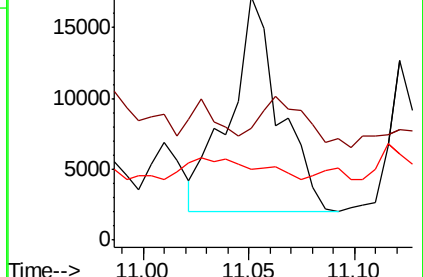
215 29.3 28.2 68.2

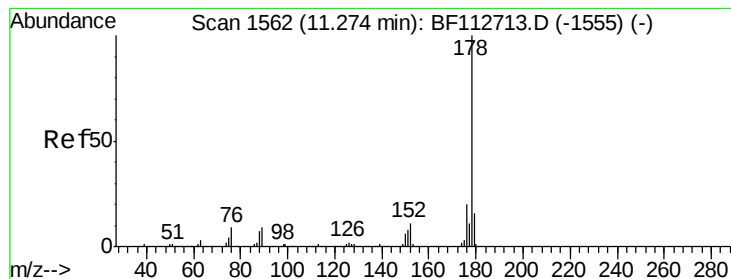


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#71

Phenanthrene

Concen: 21.200 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.00 min

Lab File: BF113125.D

Acq: 19 Mar 2019 15:05

Instrument :

BNA\_F

ClientSampleId :

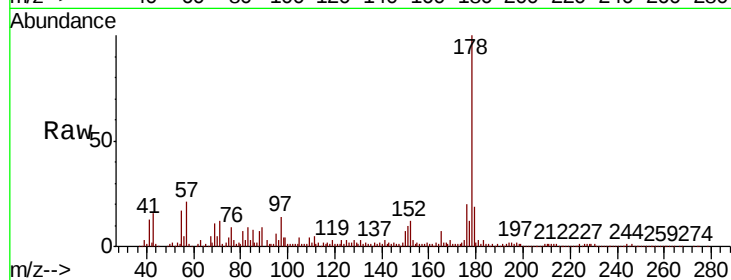
Tot Ion:178 Resp: 545717

Ion Ratio Lower Upper

178 100

176 19.8 16.3 24.5

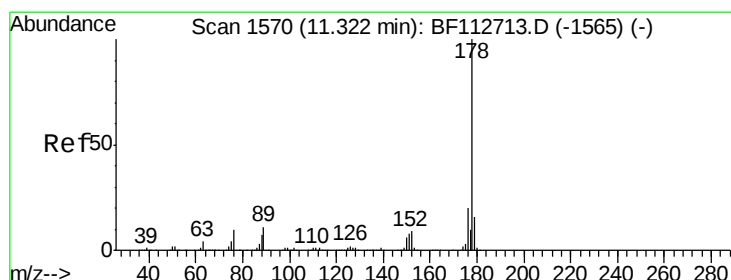
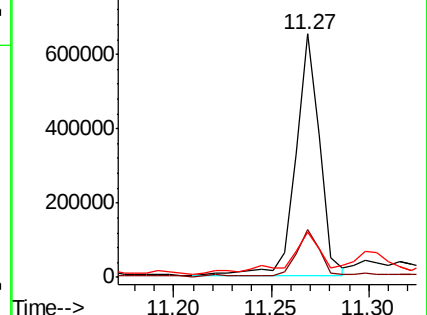
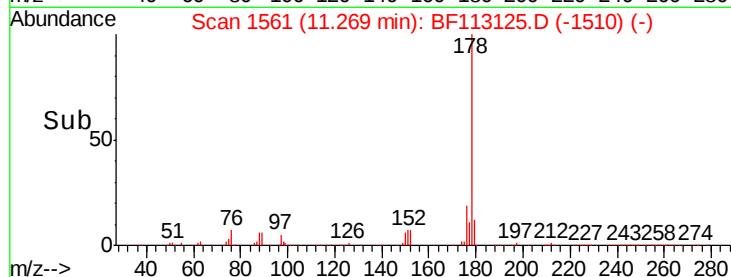
179 18.5 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 20.253 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.05 min

Lab File: BF113125.D

Acq: 19 Mar 2019 15:05

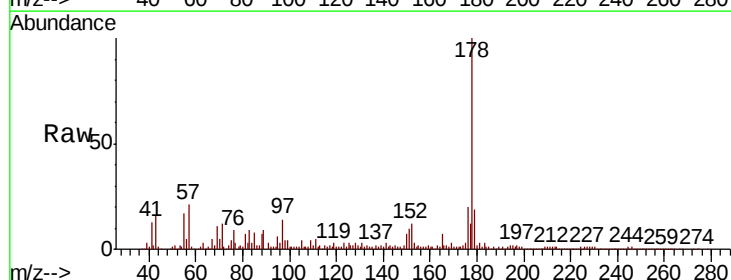
Tgt Ion:178 Resp: 545717

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.6

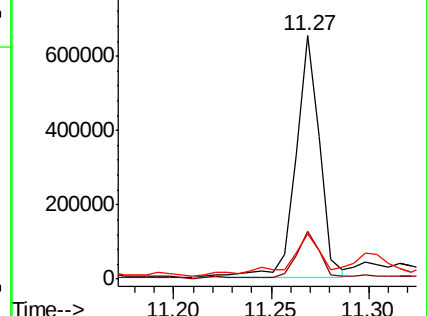
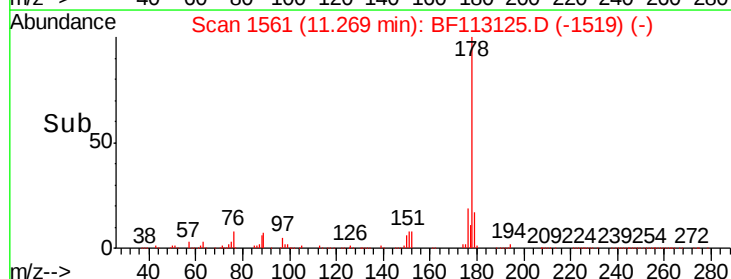
179 18.5 13.0 19.6

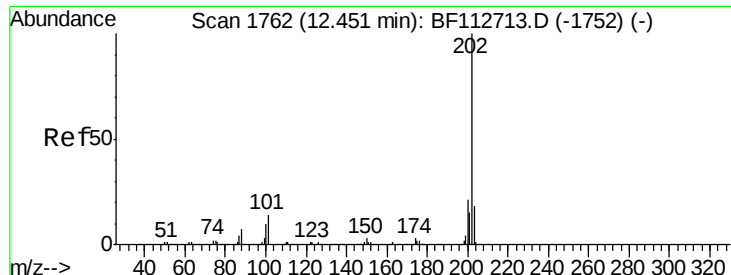


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 3.169 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.22 min

Lab File: BF113125.D

Acq: 19 Mar 2019 15:05

Instrument :

BNA\_F

ClientSampleId :

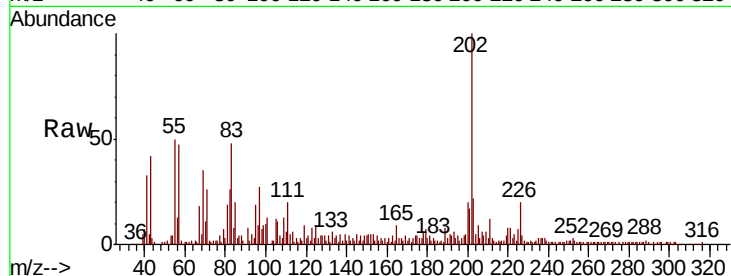
Tot Ion:202 Resp: 87387

Ion Ratio Lower Upper

202 100

101 12.7 0.0 33.8

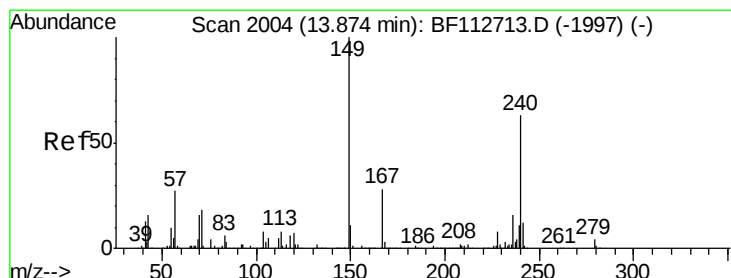
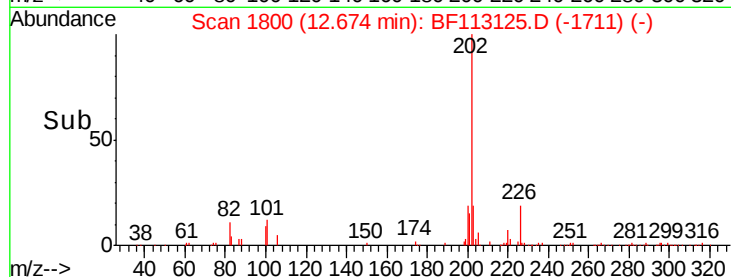
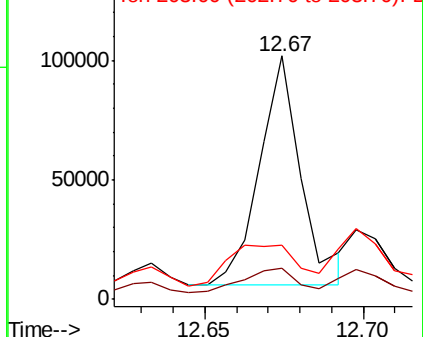
203 22.3 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF113125.D

Acq: 19 Mar 2019 15:05

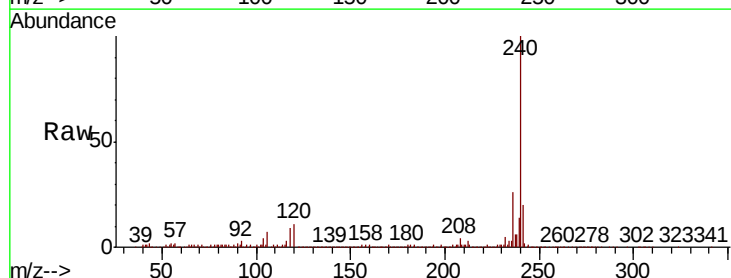
Tgt Ion:240 Resp: 424719

Ion Ratio Lower Upper

240 100

120 10.8 8.9 13.3

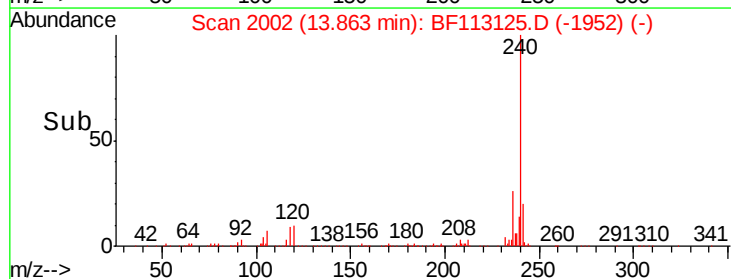
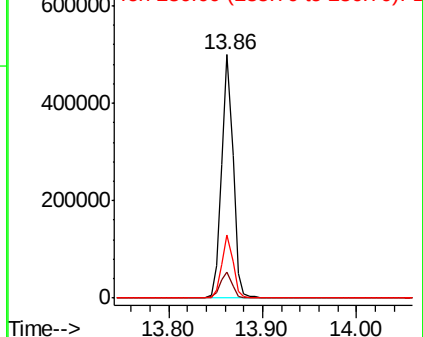
236 25.7 20.7 31.1

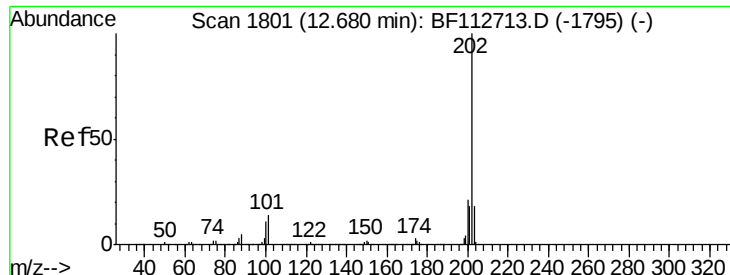


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 2.461 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BF113125.D

Acq: 19 Mar 2019 15:05

Instrument :

BNA\_F

ClientSampleId :

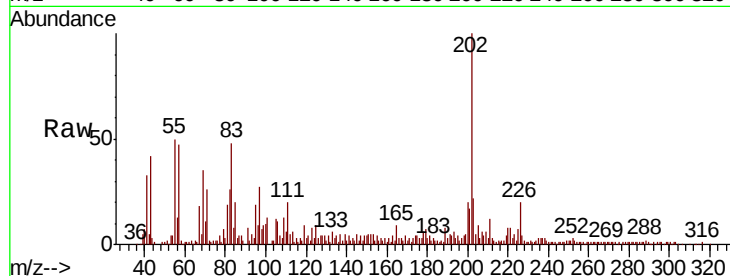
Tot Ion:202 Resp: 88104

Ion Ratio Lower Upper

202 100

200 19.6 17.0 25.4

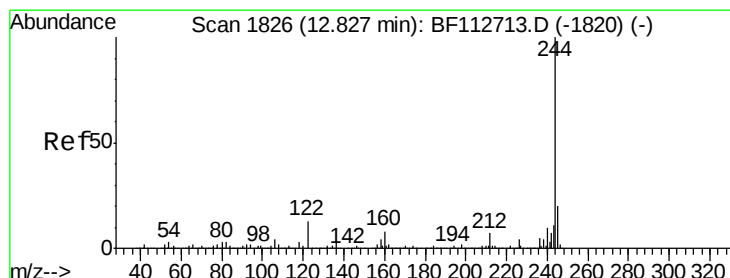
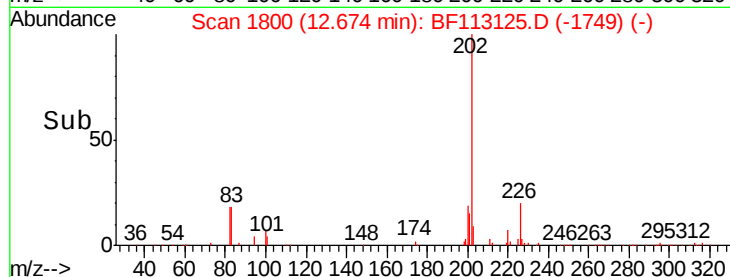
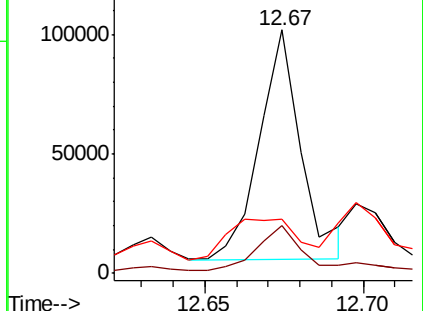
203 22.3 14.4 21.6#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 4.210 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF113125.D

Acq: 19 Mar 2019 15:05

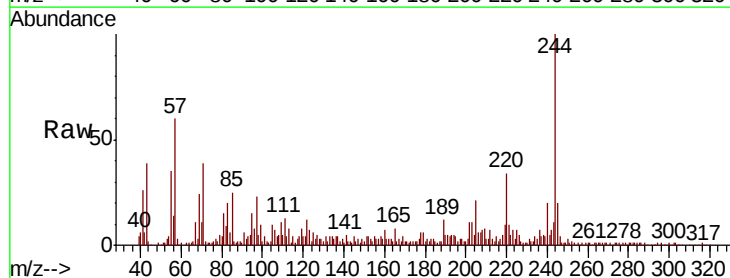
Tgt Ion:244 Resp: 92237

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

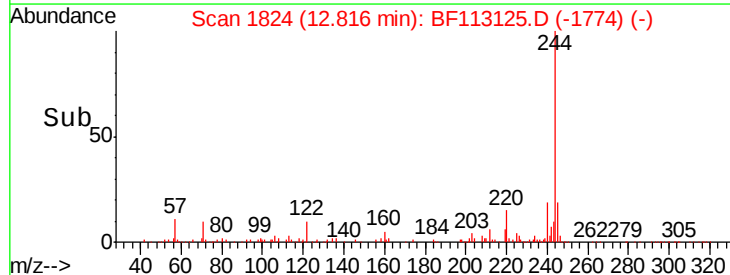
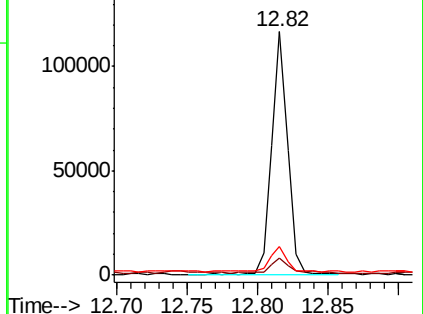
122 11.7 10.5 15.7

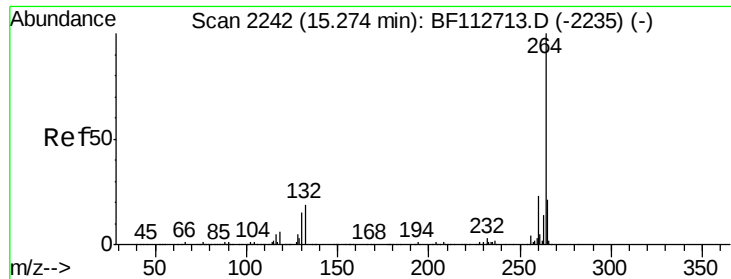


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

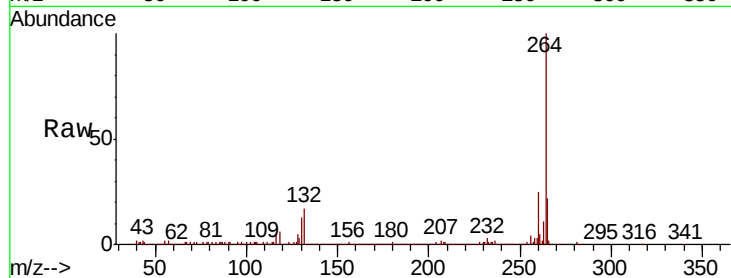




#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.27 min Scan# 2241  
Delta R.T. -0.01 min  
Lab File: BF113125.D  
Acq: 19 Mar 2019 15:05

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.6  | 18.7  | 28.1  |
| 265     | 21.8  | 17.2  | 25.8  |



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

