

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF112116\  
 Data File : BF091263.D  
 Acq On : 22 Nov 2016 00:59  
 Operator : UM/SJ  
 Sample : H5711-01DL 5X  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 1050-410-NEWYORKDL

Quant Time: Nov 22 02:16:55 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF112116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 22 00:44:52 2016  
 Response via : Initial Calibration

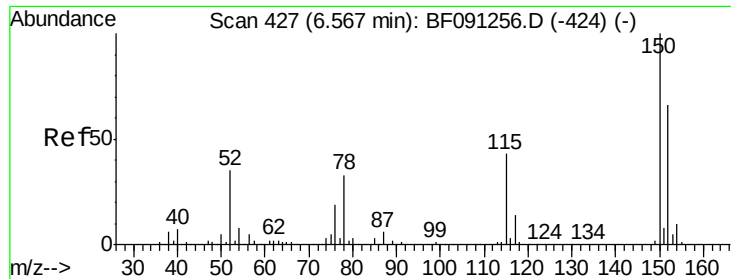
| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.57  | 152  | 248268   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.86  | 136  | 703322   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.61  | 164  | 346127   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.09 | 188  | 600192   | 20.00 | ng    | 0.01     |
| 75) Chrysene-d12          | 13.71 | 240  | 626423   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.07 | 264  | 489558   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.15  | 112  | 329036   | 22.03 | ng    | 0.01     |
| 7) Phenol-d6                | 6.22  | 99   | 457940   | 25.64 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.14  | 82   | 293630   | 23.02 | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.41 | 330  | 68024    | 21.05 | ng    | 0.01     |
| 44) 2-Fluorobiphenyl        | 8.94  | 172  | 427228   | 21.56 | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.67 | 244  | 405094   | 14.66 | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|-------|------|----------|-------|-------|--------|
| 9) Benzaldehyde                | 6.09  | 77   | 37255    | 4.16  | ng    | # 1    |
| 18) Hexachloroethane           | 7.07  | 117  | 46865    | 6.97  | ng    | # 1    |
| 19) n-Nitroso-di-n-propylamine | 7.00  | 70   | 29978    | 2.30  | ng    | # 66   |
| 22) Acetophenone               | 6.98  | 105  | 251933   | 15.03 | ng    | # 50   |
| 24) Nitrobenzene               | 7.12  | 77   | 58882    | 4.15  | ng    | # 22   |
| 25) Isophorone                 | 7.38  | 82   | 88694    | 3.69  | ng    | # 1    |
| 31) Naphthalene                | 7.88  | 128  | 482172   | 14.67 | ng    | # 97   |
| 32) Benzoic acid               | 7.65  | 122  | 9963     | 5.04  | ng    | # 1    |
| 35) Caprolactam                | 8.30  | 113  | 106738   | 39.85 | ng    | # 1    |
| 36) 4-Chloro-3-methylphenol    | 8.38  | 107  | 24080    | 2.31  | ng    | # 39   |
| 37) 2-Methylnaphthalene        | 8.58  | 142  | 1058098  | 48.02 | ng    | # 97   |
| 45) 1,1'-Biphenyl              | 9.05  | 154  | 246125   | 9.32  | ng    | # 95   |
| 47) 2-Nitroaniline             | 9.20  | 65   | 16299    | 2.24  | ng    | # 48   |
| 49) Dimethylphthalate          | 9.34  | 163  | 47142    | 2.04  | ng    | # 78   |
| 50) 2,6-Dinitrotoluene         | 9.39  | 165  | 15890    | 3.21  | ng    | # 1    |
| 51) Acenaphthene               | 9.64  | 154  | 68530    | 3.74  | ng    | # 71   |
| 52) 3-Nitroaniline             | 9.56  | 138  | 11070    | 2.10  | ng    | # 44   |
| 53) 2,4-Dinitrophenol          | 9.90  | 184  | 14029    | 10.91 | ng    | # 85   |
| 54) Dibenzofuran               | 9.82  | 168  | 84436    | 3.31  | ng    | # 1    |
| 55) 4-Nitrophenol              | 9.72  | 139  | 51468    | 24.79 | ng    | # 36   |
| 56) 2,4-Dinitrotoluene         | 9.82  | 165  | 35843    | 5.75  | ng    | # 59   |
| 57) Fluorene                   | 10.16 | 166  | 204095   | 9.88  | ng    | # 78   |
| 61) 4-Nitroaniline             | 10.06 | 138  | 11809    | 2.17  | ng    | # 91   |
| 65) n-Nitrosodiphenylamine     | 10.27 | 169  | 264735   | 14.64 | ng    | # 55   |
| 68) Atrazine                   | 10.82 | 200  | 12828    | 2.91  | ng    | # 13   |
| 70) Phenanthrene               | 11.12 | 178  | 395262   | 12.53 | ng    | # 95   |
| 71) Anthracene                 | 11.21 | 178  | 117216   | 3.73  | ng    | # 1    |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.57 min Scan# 427

Delta R.T. -0.00 min

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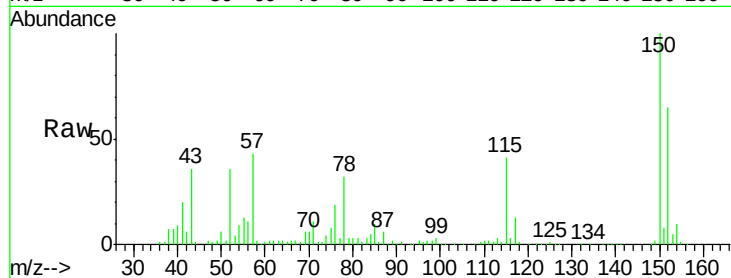
Tgt Ion:152 Resp: 248268

Ion Ratio Lower Upper

152 100

150 154.1 122.5 183.7

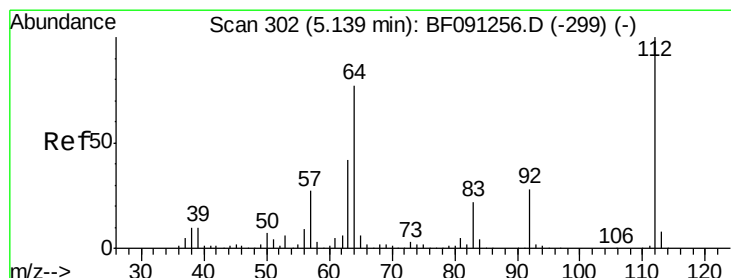
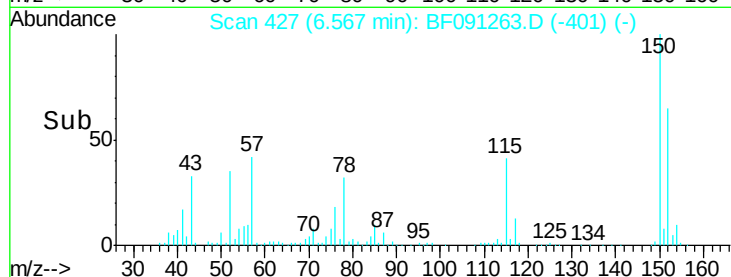
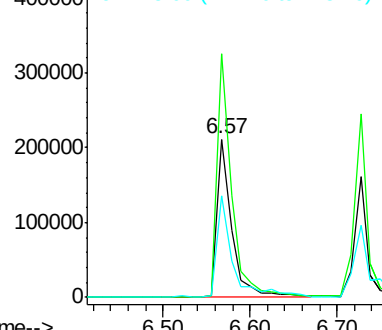
115 63.9 51.8 77.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 22.03 ng

RT: 5.15 min Scan# 303

Delta R.T. 0.01 min

Lab File: BF091263.D

Acq: 22 Nov 2016 00:59

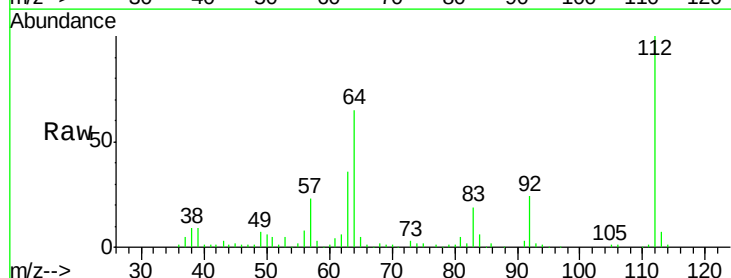
Tgt Ion:112 Resp: 329036

Ion Ratio Lower Upper

112 100

64 65.4 61.5 92.3

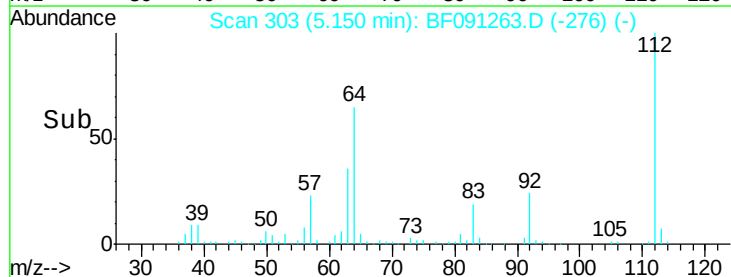
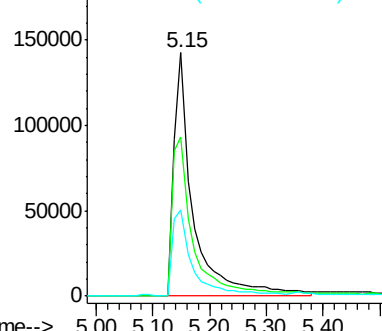
63 35.6 33.3 49.9

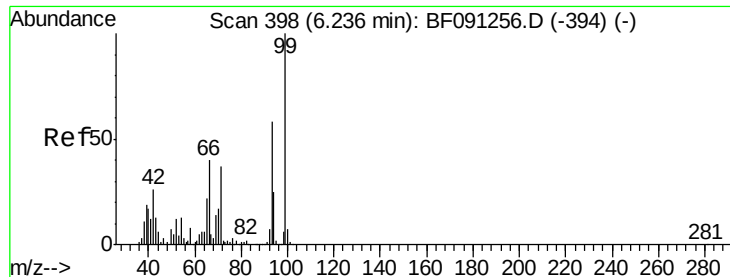


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 25.64 ng

RT: 6.22 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF091263.D

Acq: 22 Nov 2016 00:59

Instrument :

BNA\_F

ClientSampleId :

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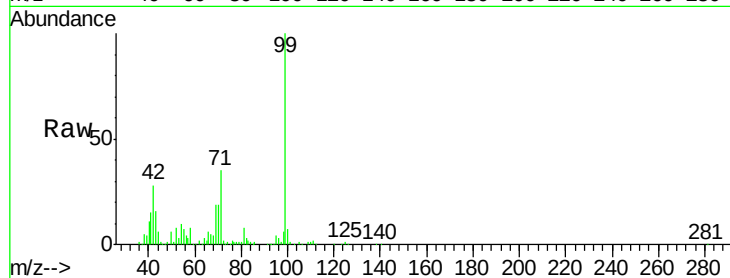
Tgt Ion: 99 Resp: 457940

Ion Ratio Lower Upper

99 100

42 27.6 20.6 31.0

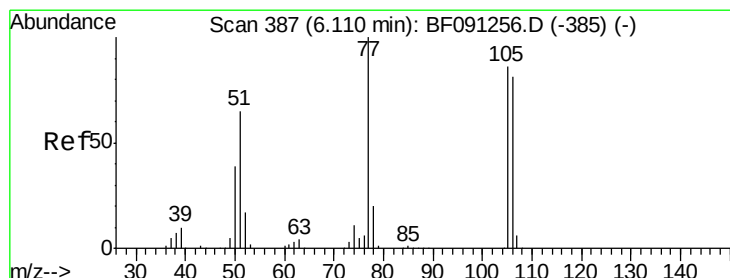
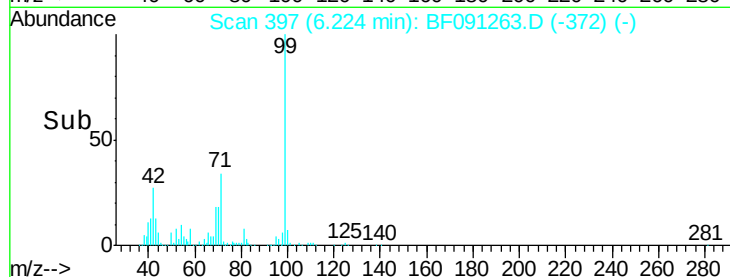
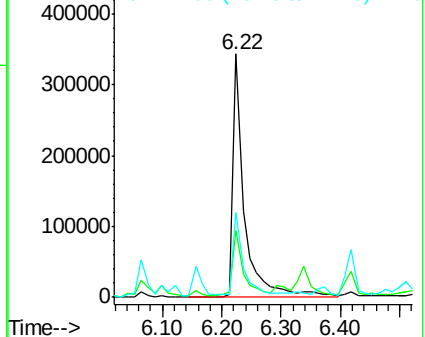
71 34.8 29.9 44.9



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



#9

Benzaldehyde

Concen: 4.16 ng

RT: 6.09 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF091263.D

Acq: 22 Nov 2016 00:59

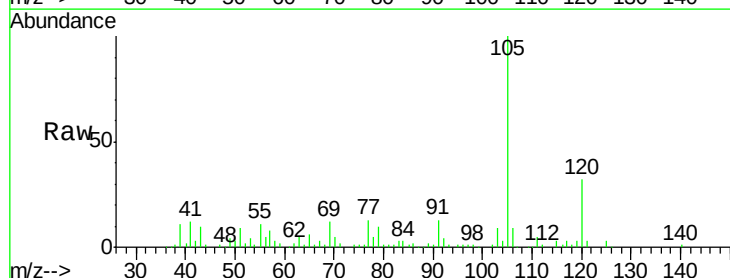
Tgt Ion: 77 Resp: 37255

Ion Ratio Lower Upper

77 100

105 769.6 66.4 106.4#

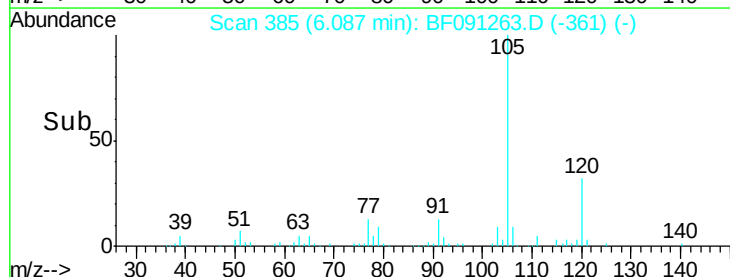
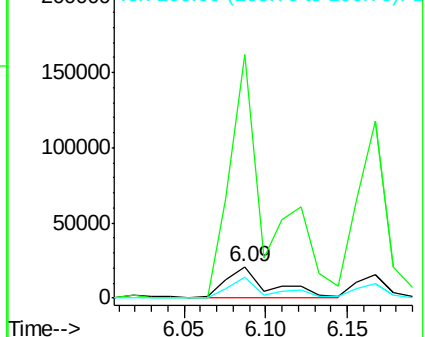
106 65.6 60.9 100.9

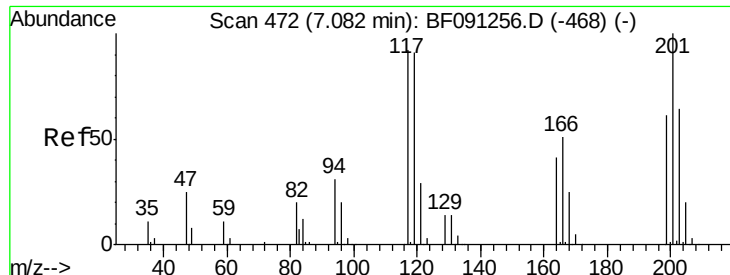


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

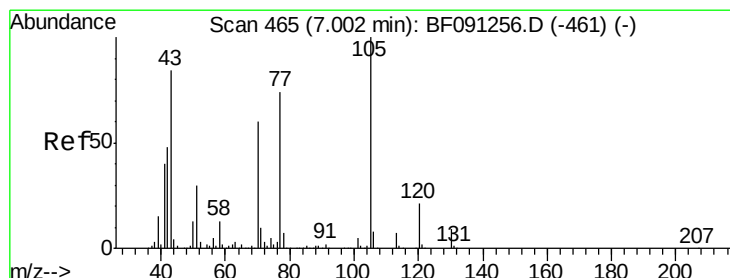
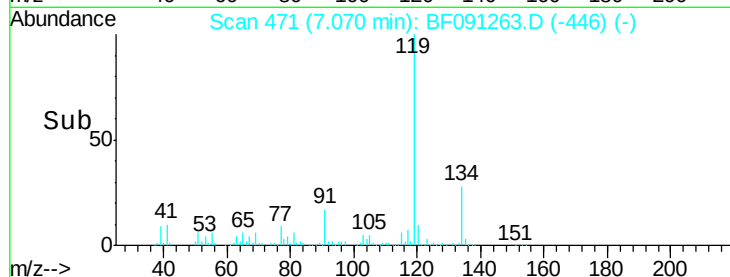
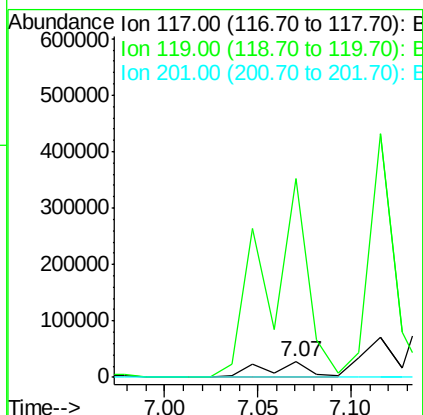
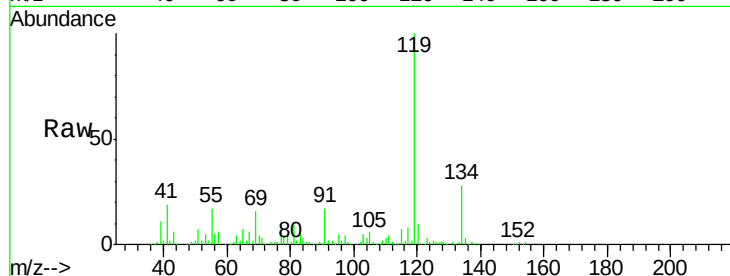




#18  
Hexachloroethane  
Concen: 6.97 ng  
RT: 7.07 min Scan# 471  
Delta R.T. -0.01 min  
Lab File: BF091263.D  
Acq: 22 Nov 2016 00:59

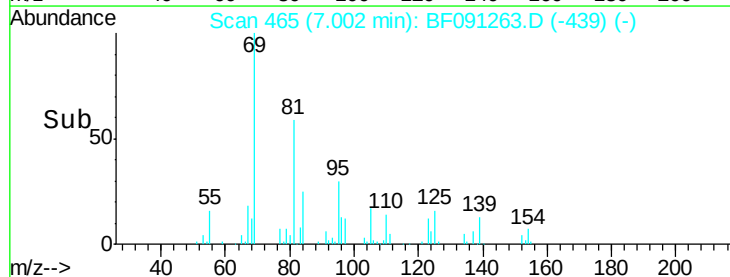
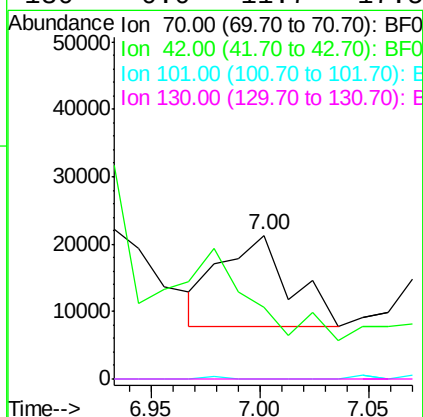
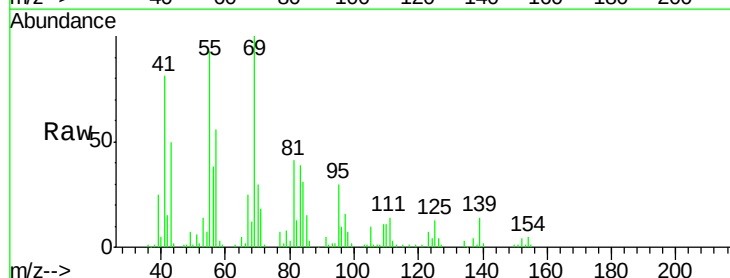
Instrument :  
BNA\_F  
ClientSampleId :  
1050-410-NEWYORKDL

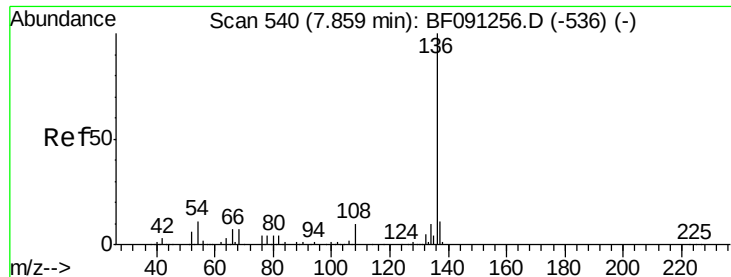
Tgt Ion: 117 Resp: 46865  
Ion Ratio Lower Upper  
117 100  
119 1284.7 78.6 118.0#  
201 0.0 86.7 130.1#



#19  
n-Nitroso-di-n-propylamine  
Concen: 2.30 ng  
RT: 7.00 min Scan# 465  
Delta R.T. -0.00 min  
Lab File: BF091263.D  
Acq: 22 Nov 2016 00:59

Tgt Ion: 70 Resp: 29978  
Ion Ratio Lower Upper  
70 100  
42 49.8 64.8 97.2#  
101 0.0 6.2 9.4#  
130 0.0 11.7 17.5#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.86 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF091263.D

Acq: 22 Nov 2016 00:59

Instrument :

BNA\_F

ClientSampleId :

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Tgt Ion:136 Resp: 703322

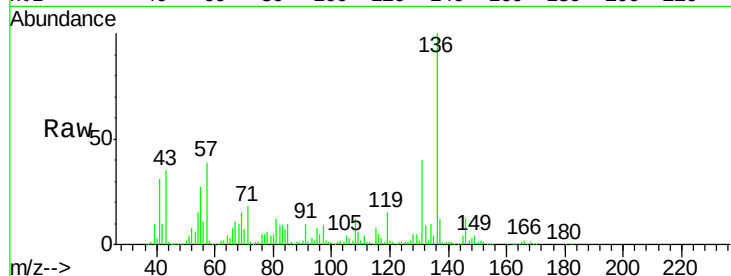
Ion Ratio Lower Upper

136 100

137 12.0 9.1 13.7

54 14.9 9.1 13.7#

68 10.4 5.9 8.9#

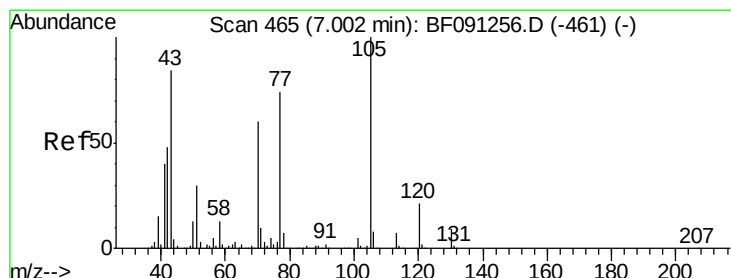
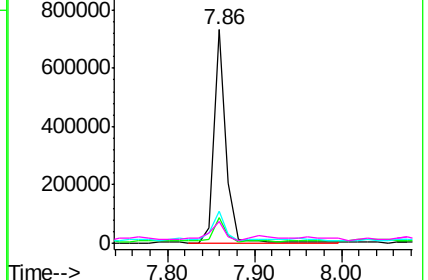
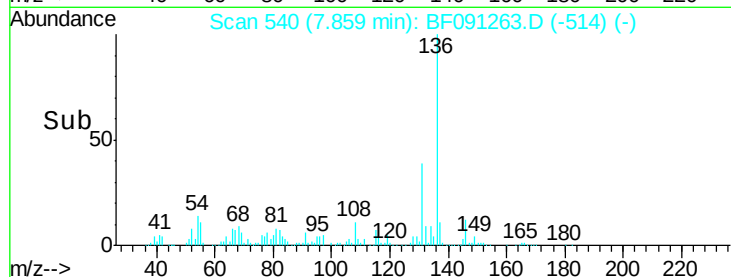


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 15.03 ng

RT: 6.98 min Scan# 463

Delta R.T. -0.02 min

Lab File: BF091263.D

Acq: 22 Nov 2016 00:59

Tgt Ion:105 Resp: 251933

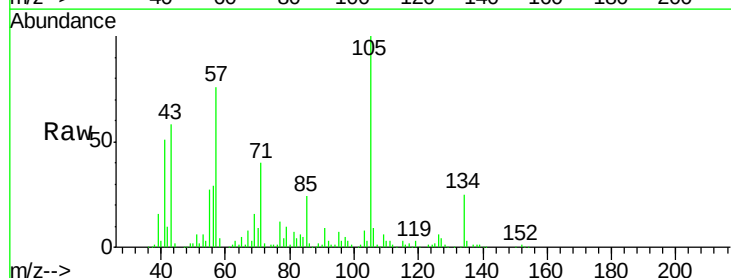
Ion Ratio Lower Upper

105 100

71 39.7 7.9 11.9#

51 6.0 24.5 36.7#

120 0.3 16.6 24.8#

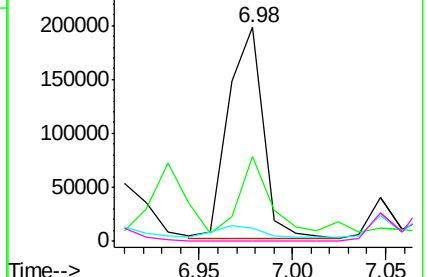
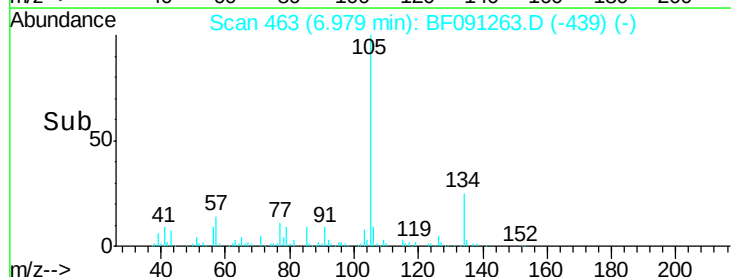


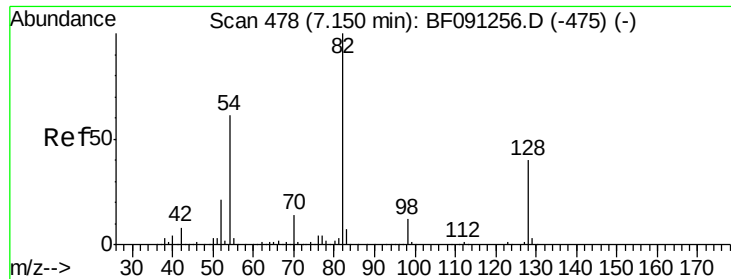
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

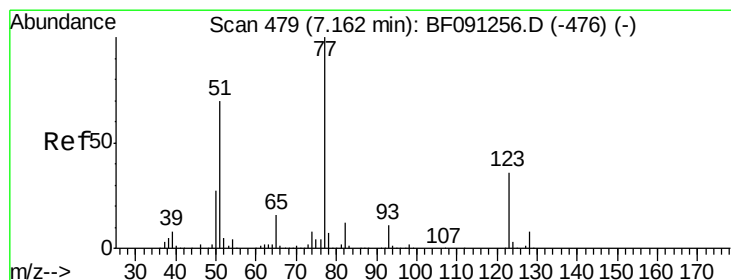
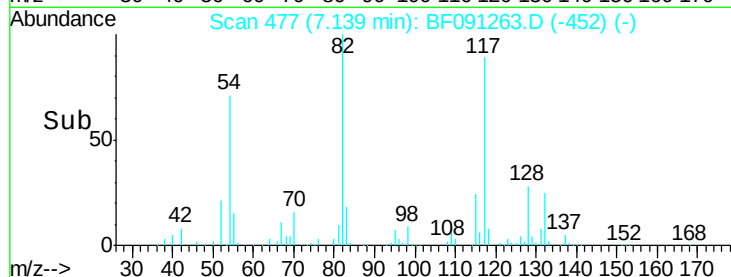
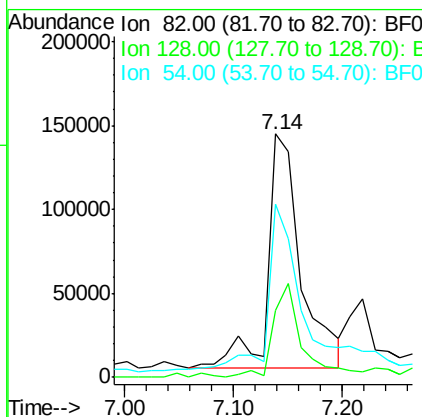
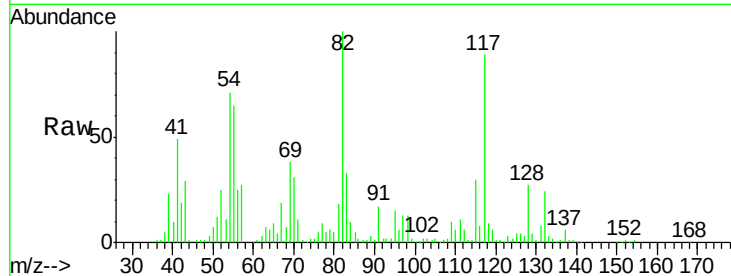




#23  
 Nitrobenzene-d5  
 Concen: 23.02 ng  
 RT: 7.14 min Scan# 477  
 Delta R.T. -0.01 min  
 Lab File: BF091263.D  
 Acq: 22 Nov 2016 00:59

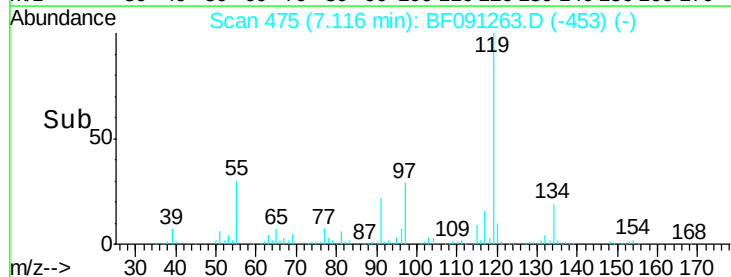
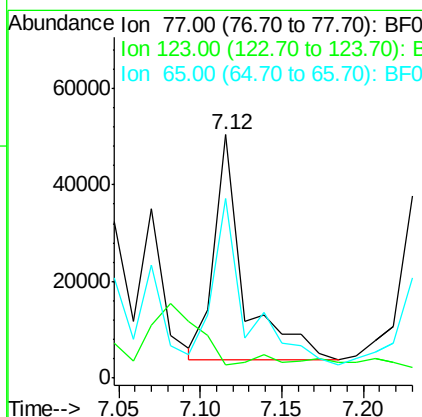
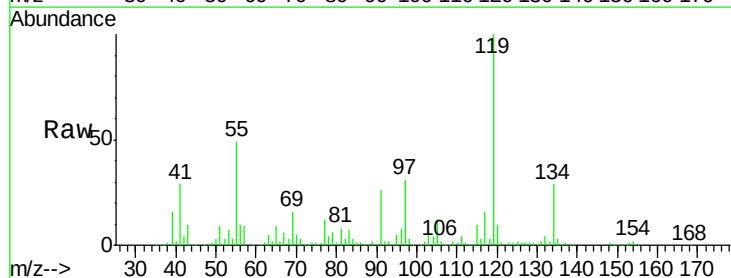
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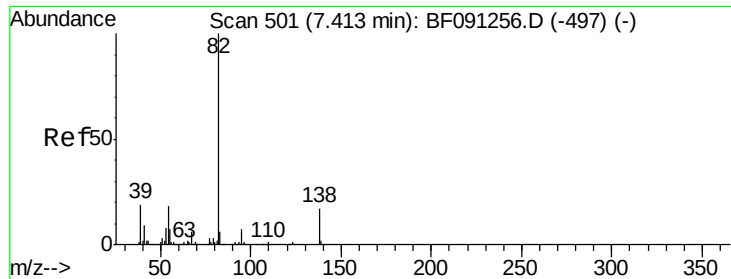
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 27.3  | 31.8  | 47.6# |
| 54      | 71.2  | 49.1  | 73.7  |



#24  
 Nitrobenzene  
 Concen: 4.15 ng  
 RT: 7.12 min Scan# 475  
 Delta R.T. -0.05 min  
 Lab File: BF091263.D  
 Acq: 22 Nov 2016 00:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 5.4   | 28.5  | 42.7# |
| 65      | 73.7  | 12.5  | 18.7# |





#25

Isophorone

Concen: 3.69 ng

RT: 7.38 min Scan# 498

Delta R.T. -0.03 min

Lab File: BF091263.D

Acq: 22 Nov 2016 00:59

Instrument :

BNA\_F

ClientSampleId :

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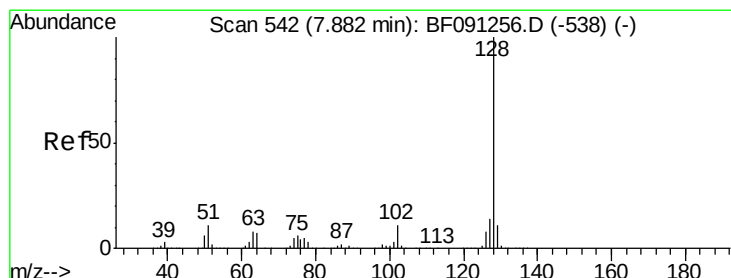
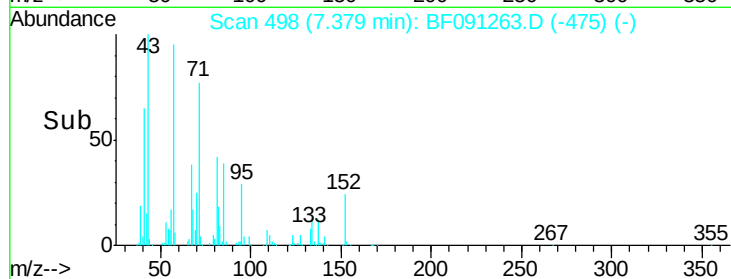
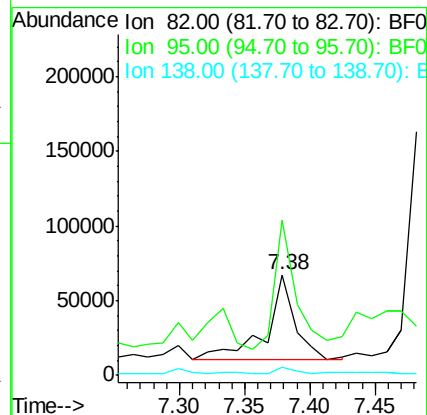
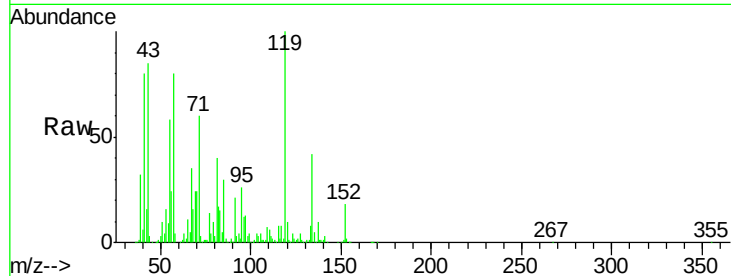
Tgt Ion: 82 Resp: 88694

Ion Ratio Lower Upper

82 100

95 154.4 5.7 8.5#

138 8.0 13.4 20.0#



#31

Naphthalene

Concen: 14.67 ng

RT: 7.88 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF091263.D

Acq: 22 Nov 2016 00:59

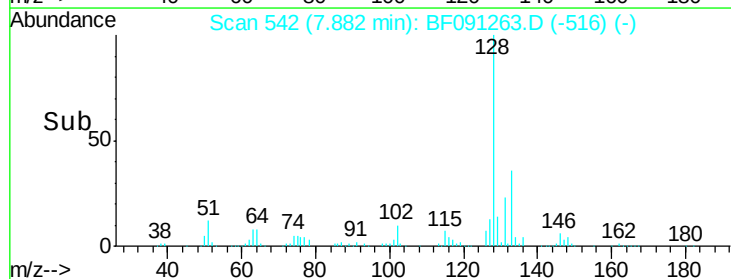
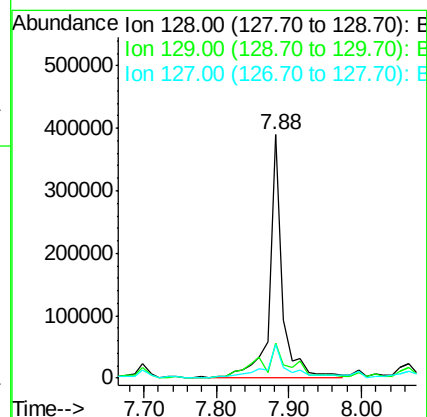
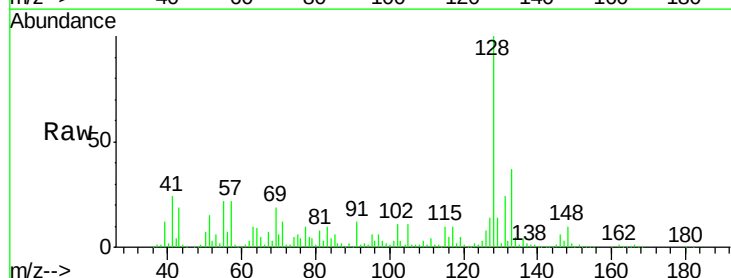
Tgt Ion: 128 Resp: 482172

Ion Ratio Lower Upper

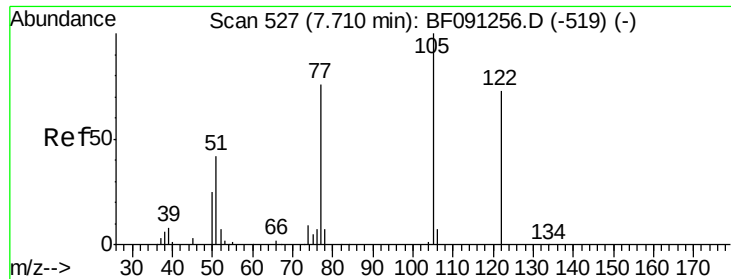
128 100

129 14.1 9.1 13.7#

127 13.9 11.0 16.4



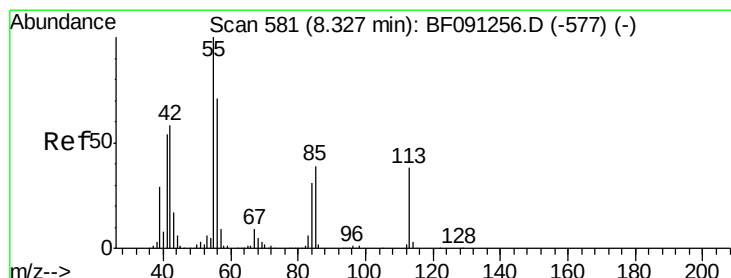
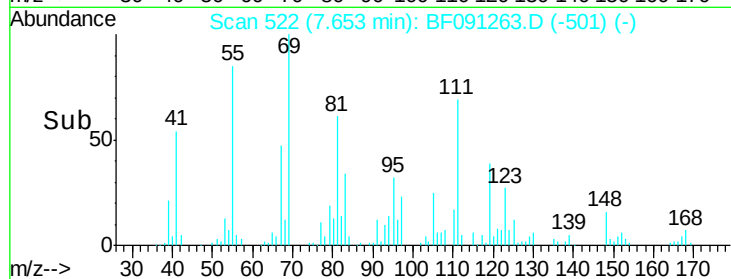
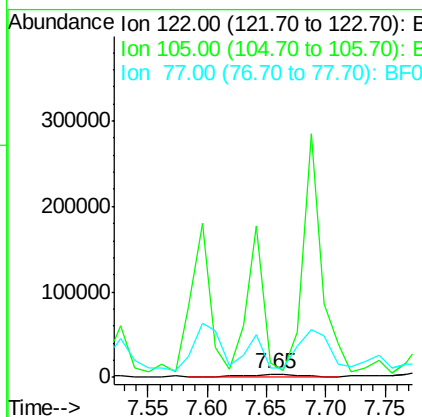
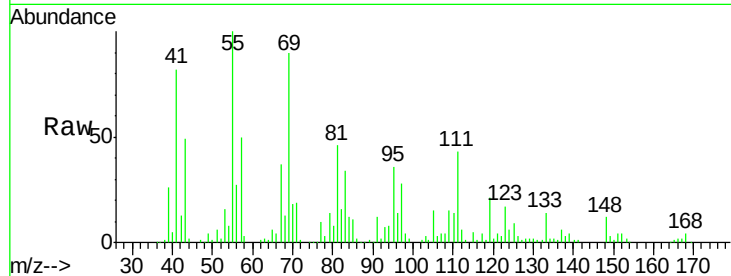




#32  
Benzoic acid  
Concen: 5.04 ng  
RT: 7.65 min Scan# 522  
Delta R.T. -0.06 min  
Lab File: BF091263.D  
Acq: 22 Nov 2016 00:59

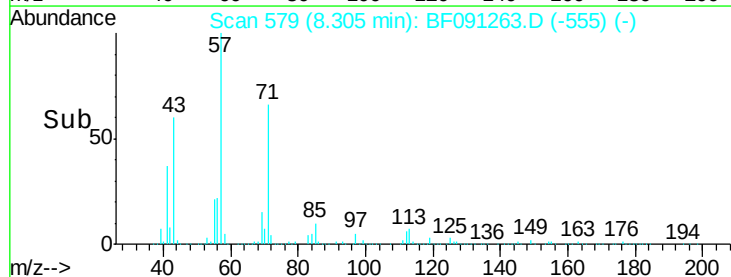
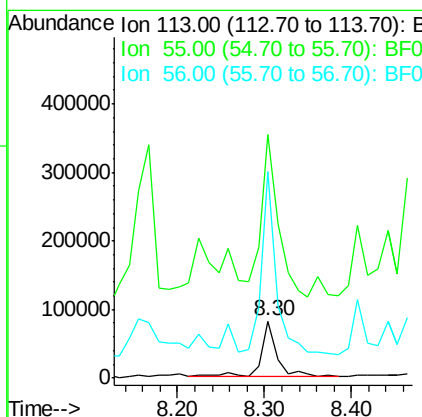
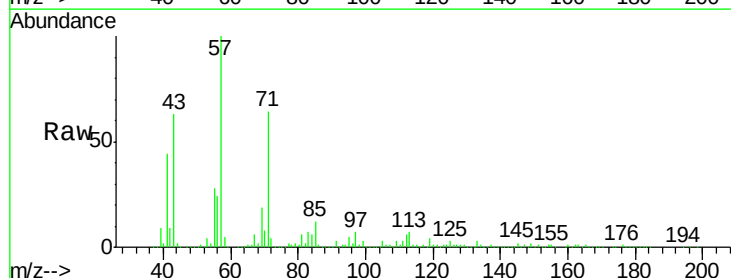
Instrument :  
BNA\_F  
ClientSampleId :  
1050-410-NEWYORKDL

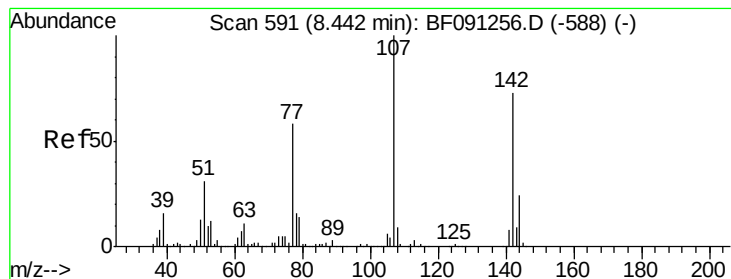
Tgt Ion:122 Resp: 9963  
Ion Ratio Lower Upper  
122 100  
105 454.3 113.0 153.0#  
77 309.2 82.0 122.0#



#35  
Caprolactam  
Concen: 39.85 ng  
RT: 8.30 min Scan# 579  
Delta R.T. -0.02 min  
Lab File: BF091263.D  
Acq: 22 Nov 2016 00:59

Tgt Ion:113 Resp: 106738  
Ion Ratio Lower Upper  
113 100  
55 426.7 239.8 279.8#  
56 361.8 165.6 205.6#

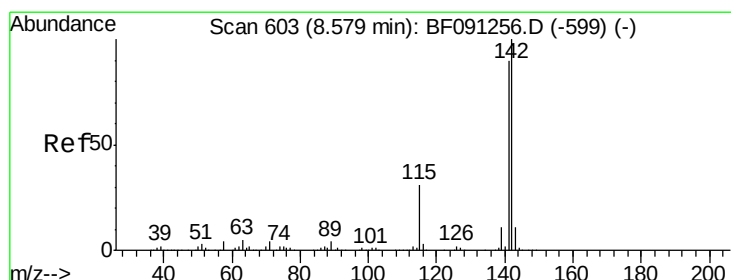
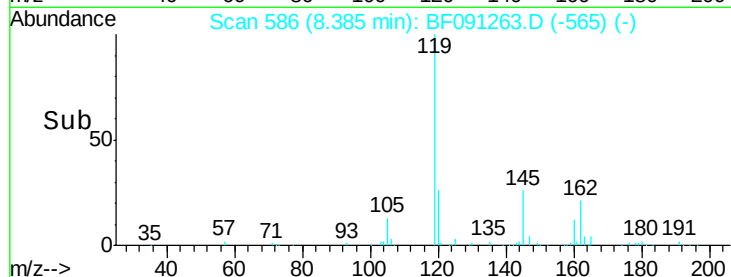
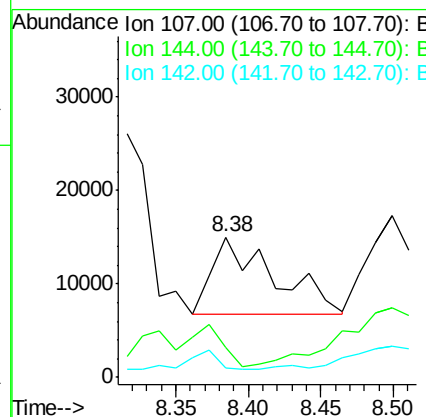
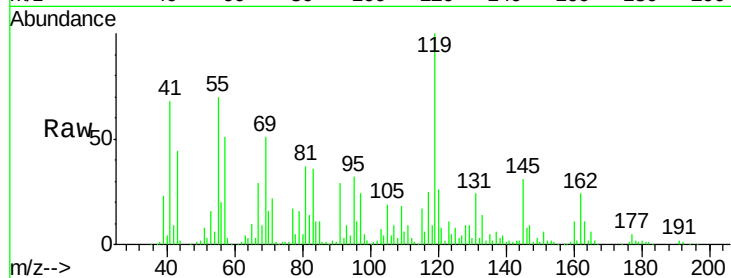




#36  
 4-Chloro-3-methylphenol  
 Concen: 2.31 ng  
 RT: 8.38 min Scan# 586  
 Delta R.T. -0.06 min  
 Lab File: BF091263.D  
 Acq: 22 Nov 2016 00:59

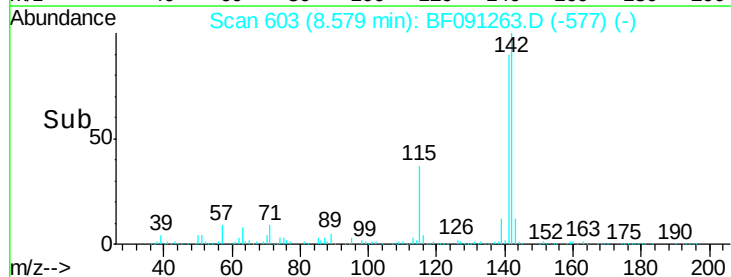
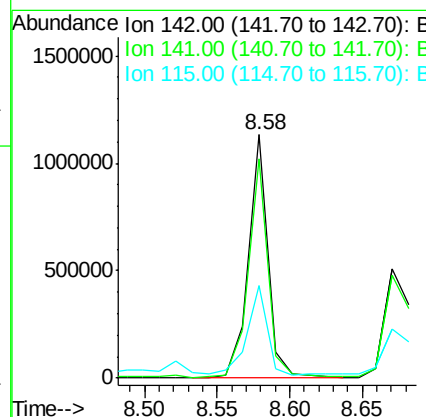
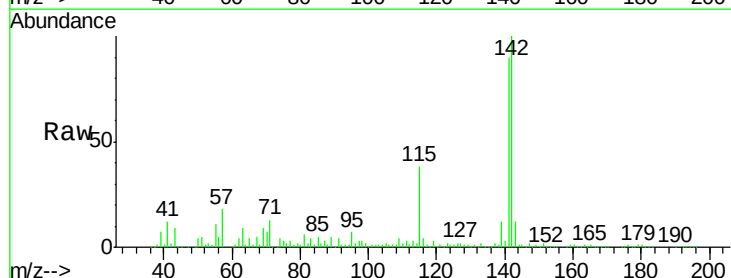
Instrument :  
 BNA\_F  
 ClientSampleId :  
 1050-410-NEWYORKDL

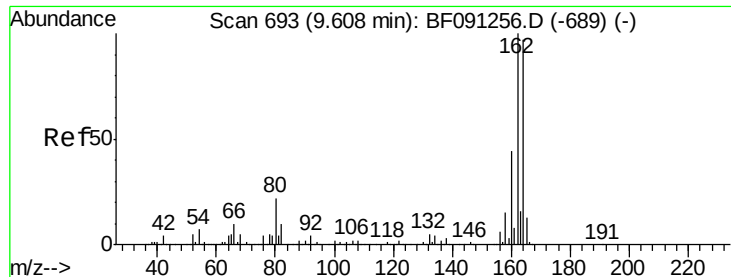
Tgt Ion:107 Resp: 24080  
 Ion Ratio Lower Upper  
 107 100  
 144 21.5 18.9 28.3  
 142 6.4 58.5 87.7#



#37  
 2-Methylnaphthalene  
 Concen: 48.02 ng  
 RT: 8.58 min Scan# 603  
 Delta R.T. -0.00 min  
 Lab File: BF091263.D  
 Acq: 22 Nov 2016 00:59

Tgt Ion:142 Resp: 1058098  
 Ion Ratio Lower Upper  
 142 100  
 141 90.0 71.7 107.5  
 115 37.8 25.0 37.6#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.61 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF091263.D

Acq: 22 Nov 2016 00:59

Instrument :

BNA\_F

ClientSampleId :

1050-410-NEWYORKDL

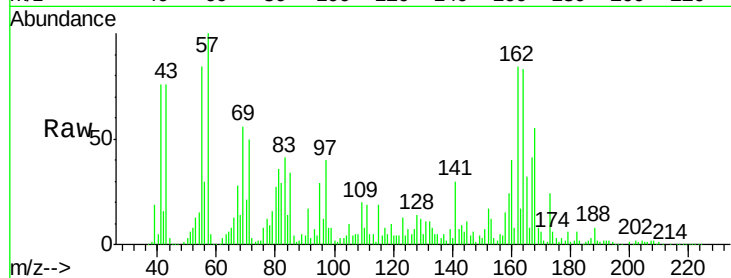
Tgt Ion:164 Resp: 346127

Ion Ratio Lower Upper

164 100

162 100.8 82.6 124.0

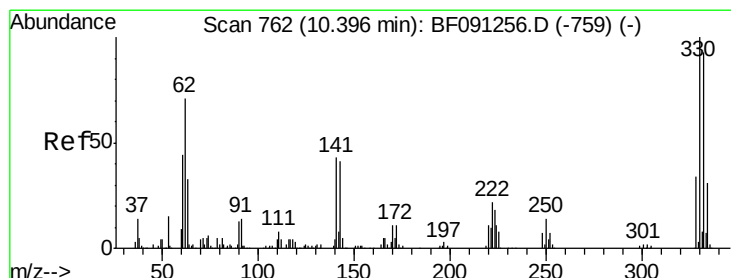
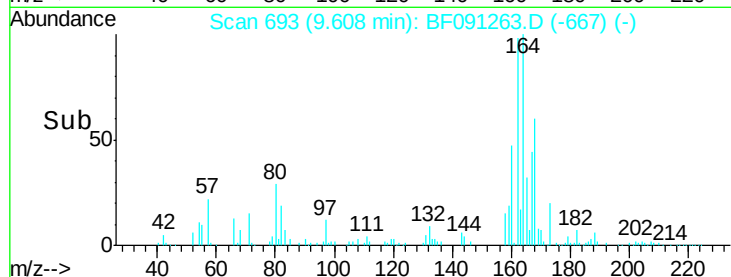
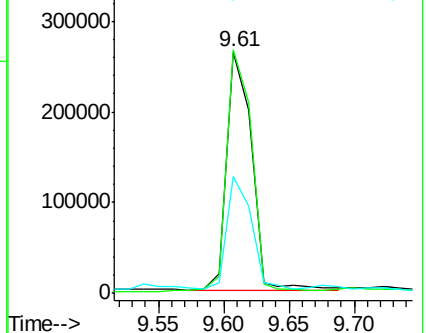
160 48.2 36.7 55.1



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: 21.05 ng

RT: 10.41 min Scan# 763

Delta R.T. 0.01 min

Lab File: BF091263.D

Acq: 22 Nov 2016 00:59

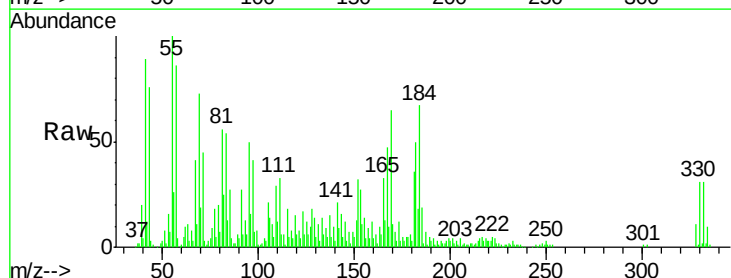
Tgt Ion:330 Resp: 68024

Ion Ratio Lower Upper

330 100

332 97.3 76.2 114.4

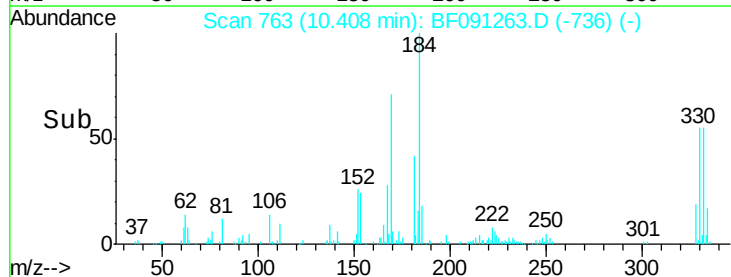
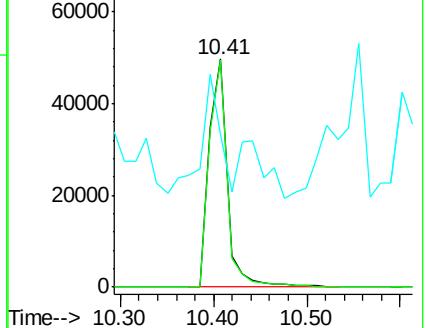
141 52.1 33.6 50.4#

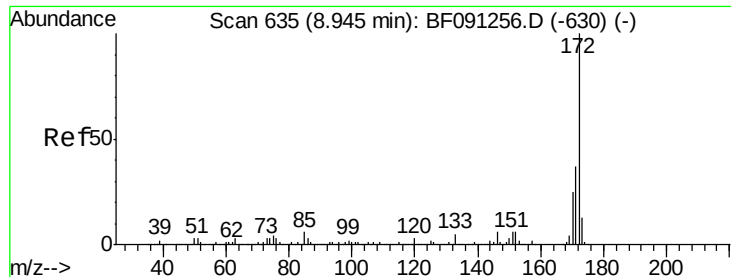


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 21.56 ng

RT: 8.94 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF091263.D

Acq: 22 Nov 2016 00:59

Instrument :

BNA\_F

ClientSampleId :

1050-410-NEWYORKDL

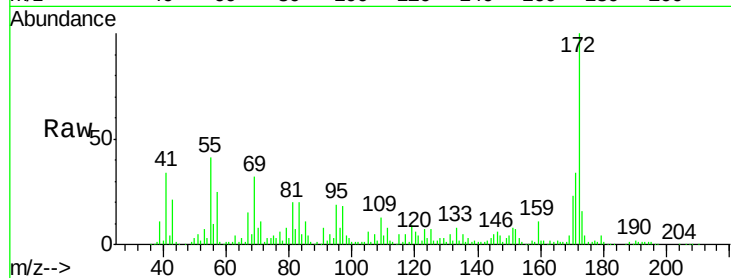
Tgt Ion:172 Resp: 427228

Ion Ratio Lower Upper

172 100

171 34.4 29.4 44.0

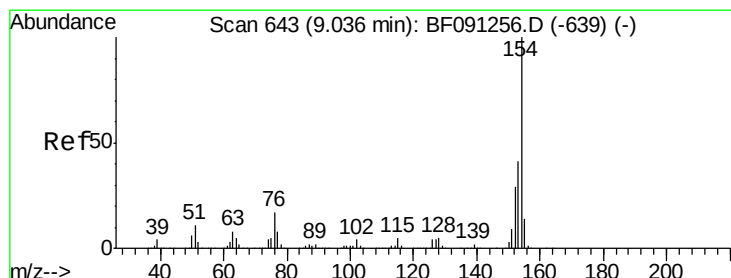
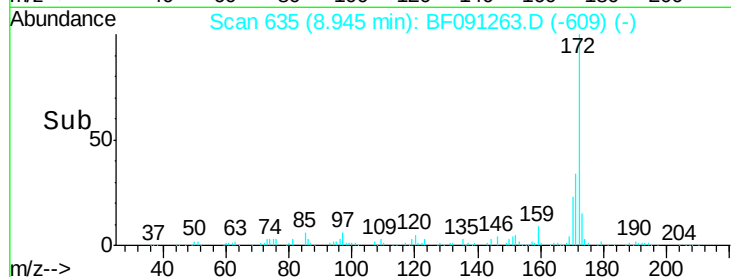
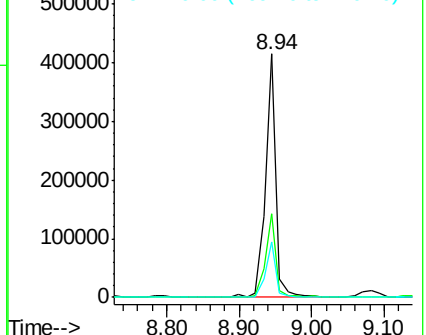
170 22.9 19.7 29.5



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



#45

1,1'-Biphenyl

Concen: 9.32 ng

RT: 9.05 min Scan# 644

Delta R.T. 0.01 min

Lab File: BF091263.D

Acq: 22 Nov 2016 00:59

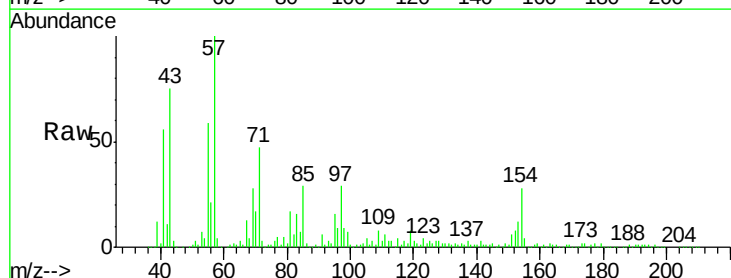
Tgt Ion:154 Resp: 246125

Ion Ratio Lower Upper

154 100

153 41.5 20.6 60.6

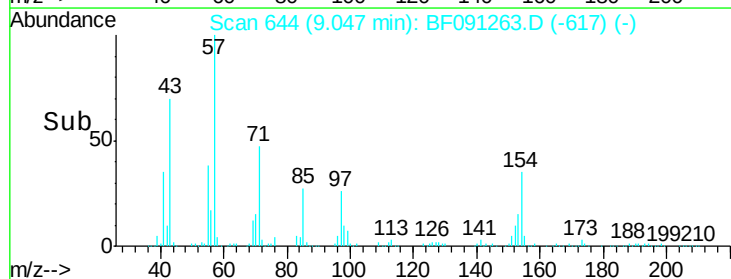
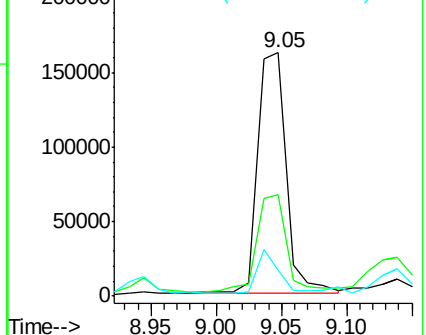
76 10.6 0.0 36.6

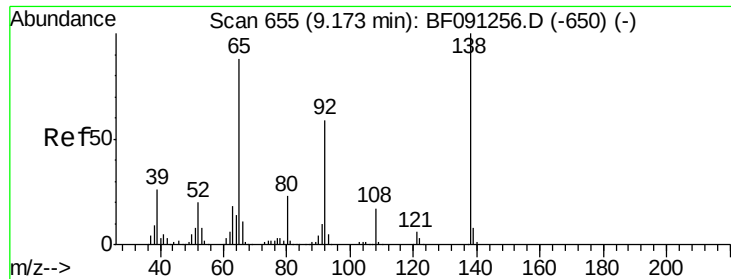


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#47

2-Nitroaniline

Concen: 2.24 ng

RT: 9.20 min Scan# 657

Delta R.T. 0.02 min

Lab File: BF091263.D

Acq: 22 Nov 2016 00:59

Instrument :

BNA\_F

ClientSampleId :

1050-410-NEWYORKDL

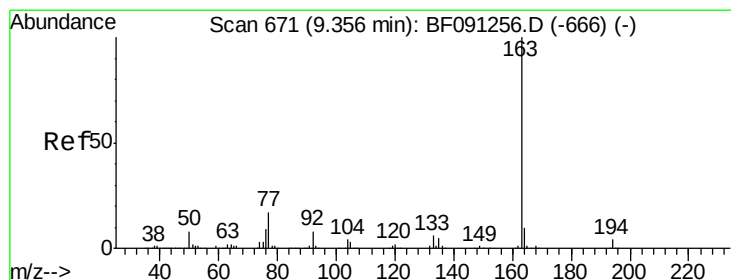
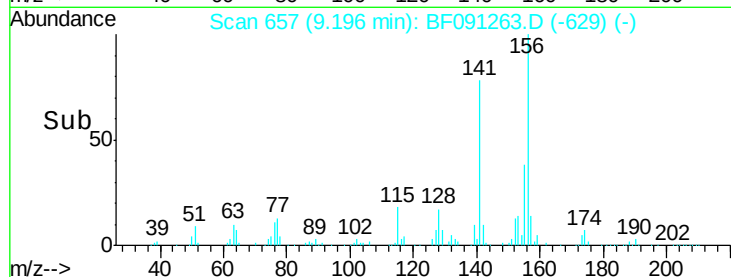
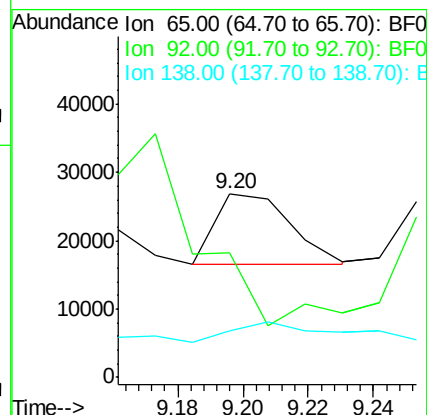
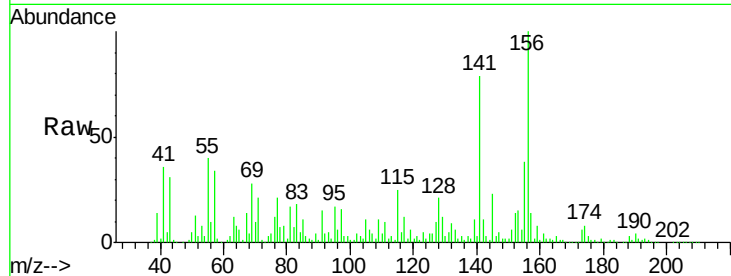
Tgt Ion: 65 Resp: 16299

Ion Ratio Lower Upper

65 100

92 67.6 53.6 80.4

138 25.4 91.0 136.6#



#49

Dimethylphthalate

Concen: 2.04 ng

RT: 9.34 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF091263.D

Acq: 22 Nov 2016 00:59

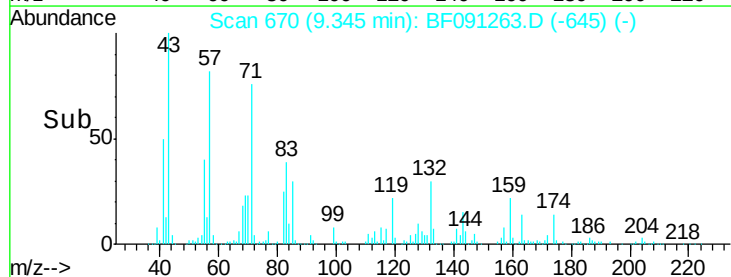
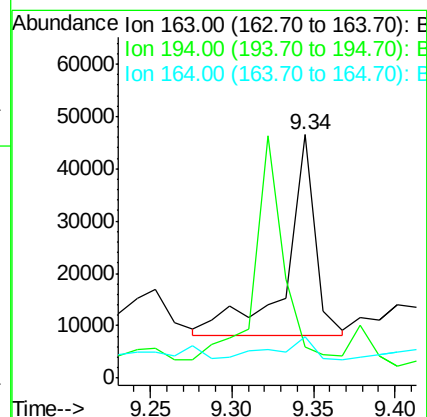
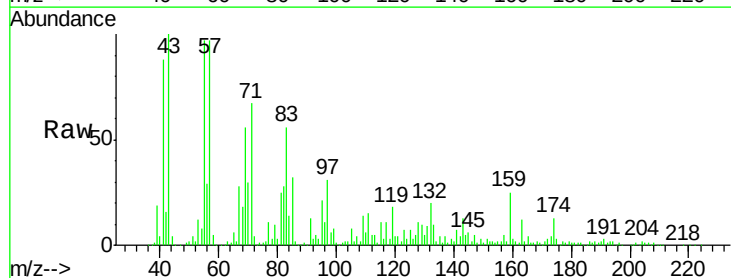
Tgt Ion: 163 Resp: 47142

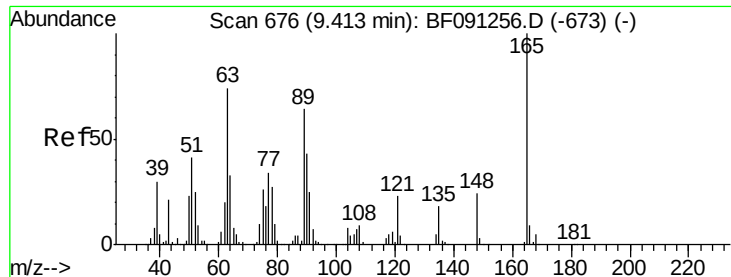
Ion Ratio Lower Upper

163 100

194 12.6 3.0 4.4#

164 17.2 7.8 11.8#

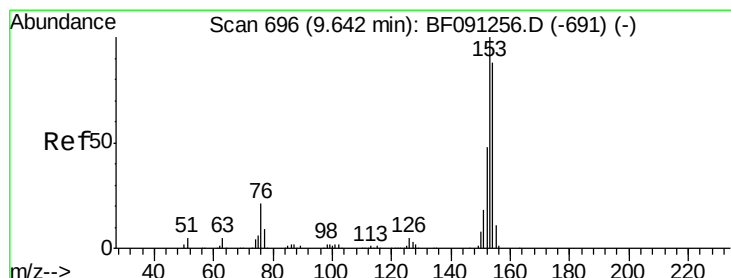
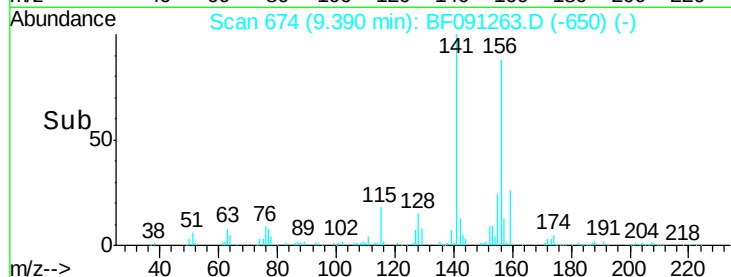
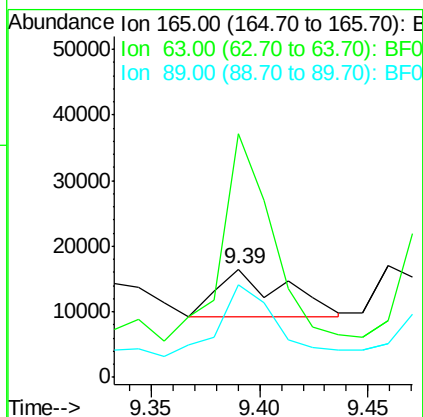
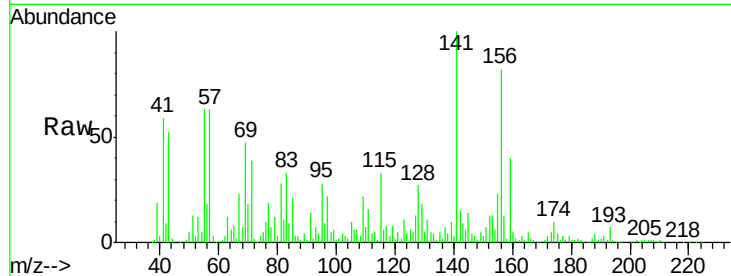




#50  
 2,6-Dinitrotoluene  
 Concen: 3.21 ng  
 RT: 9.39 min Scan# 674  
 Delta R.T. -0.02 min  
 Lab File: BF091263.D  
 Acq: 22 Nov 2016 00:59

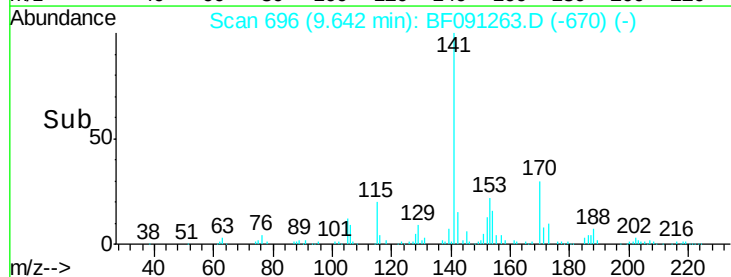
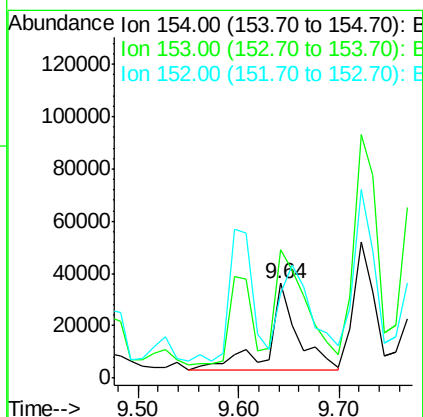
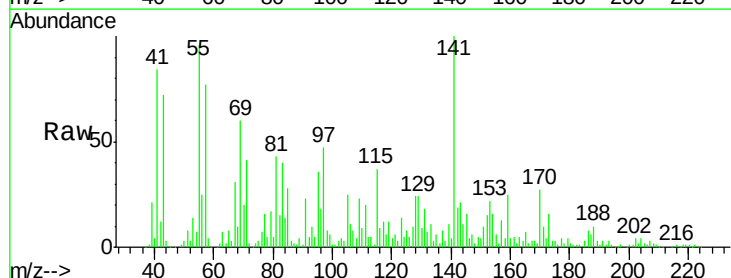
Instrument :  
 BNA\_F  
 ClientSampleId :  
 1050-410-NEWYORKDL

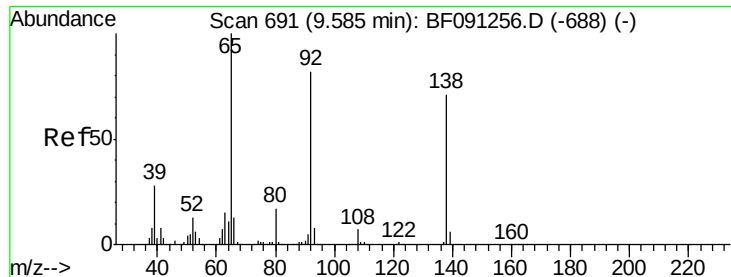
Tgt Ion:165 Resp: 15890  
 Ion Ratio Lower Upper  
 165 100  
 63 225.1 59.4 89.0#  
 89 85.5 50.8 76.2#



#51  
 Acenaphthene  
 Concen: 3.74 ng  
 RT: 9.64 min Scan# 696  
 Delta R.T. -0.00 min  
 Lab File: BF091263.D  
 Acq: 22 Nov 2016 00:59

Tgt Ion:154 Resp: 68530  
 Ion Ratio Lower Upper  
 154 100  
 153 135.5 91.0 136.6  
 152 89.4 44.2 66.2#





#52

3-Nitroaniline

Concen: 2.10 ng

RT: 9.56 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF091263.D

Acq: 22 Nov 2016 00:59

Instrument :

BNA\_F

ClientSampleId :

1050-410-NEWYORKDL

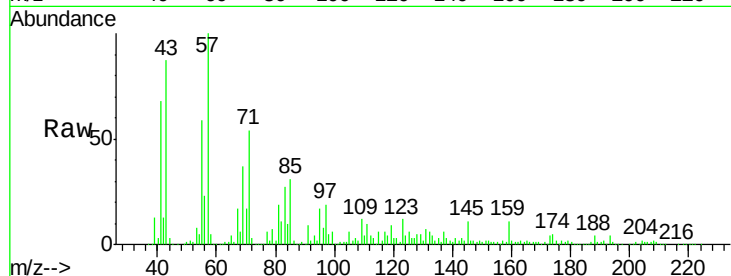
Tgt Ion:138 Resp: 11070

Ion Ratio Lower Upper

138 100

108 62.7 8.1 12.1#

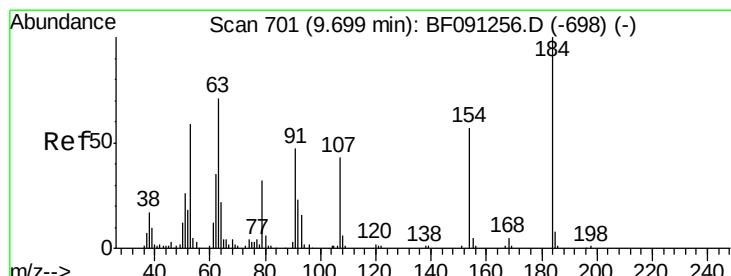
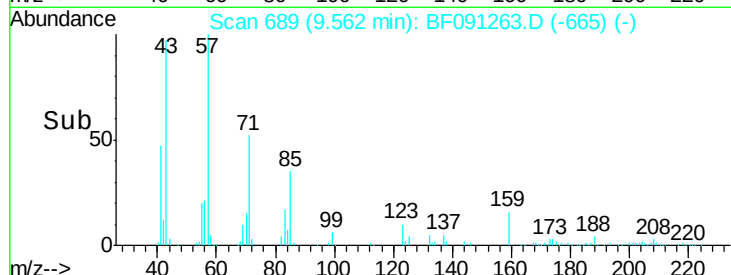
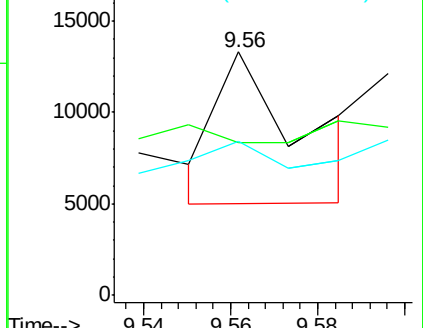
92 63.4 92.5 138.7#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E



#53

2,4-Dinitrophenol

Concen: 10.91 ng

RT: 9.90 min Scan# 719

Delta R.T. 0.21 min

Lab File: BF091263.D

Acq: 22 Nov 2016 00:59

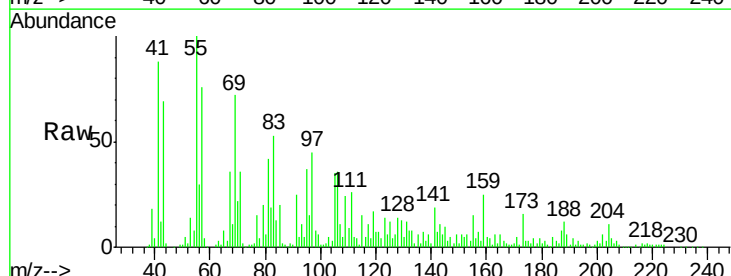
Tgt Ion:184 Resp: 14029

Ion Ratio Lower Upper

184 100

63 59.2 58.3 87.5

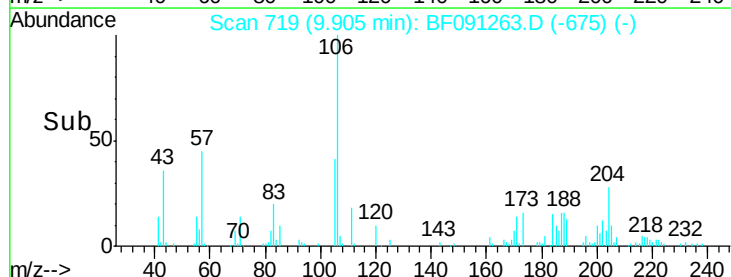
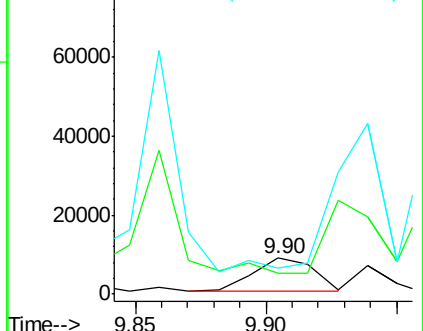
154 70.9 48.6 73.0

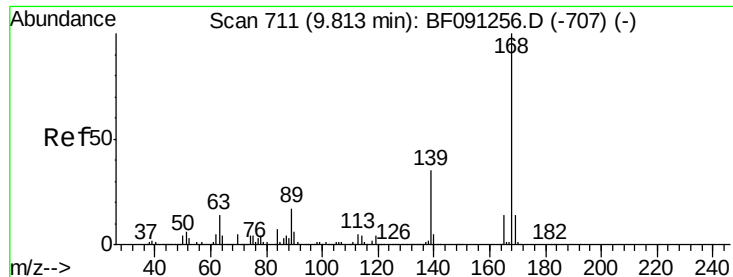


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E

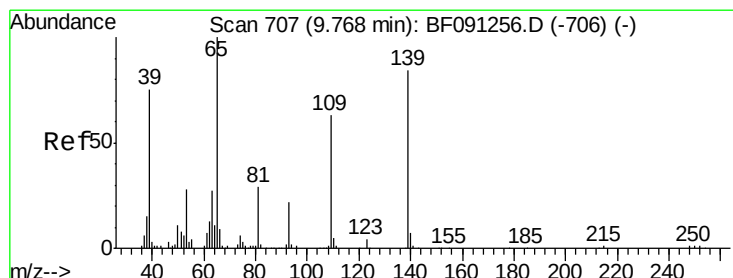
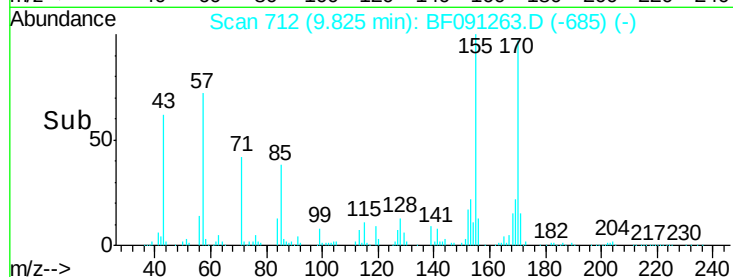
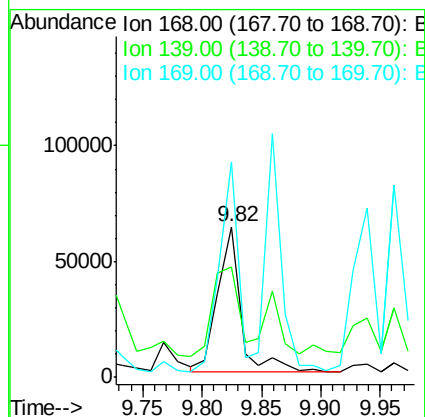
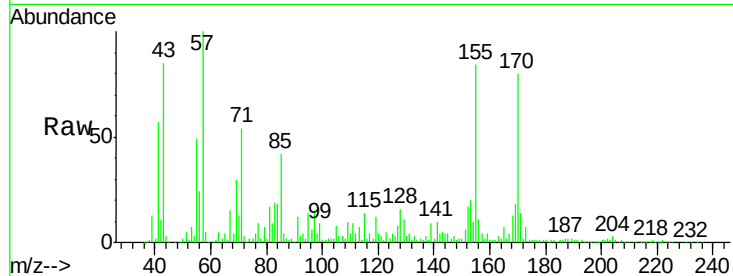




#54  
Dibenzofuran  
Concen: 3.31 ng  
RT: 9.82 min Scan# 712  
Delta R.T. 0.01 min  
Lab File: BF091263.D  
Acq: 22 Nov 2016 00:59

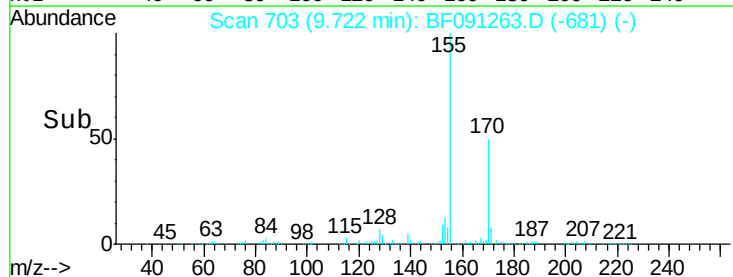
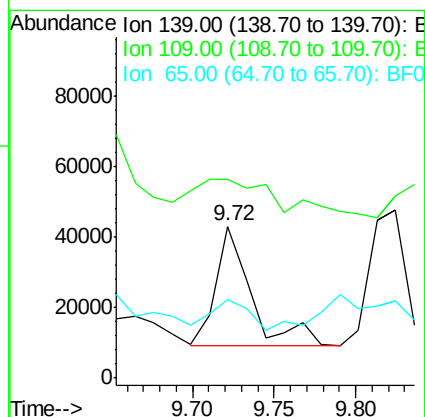
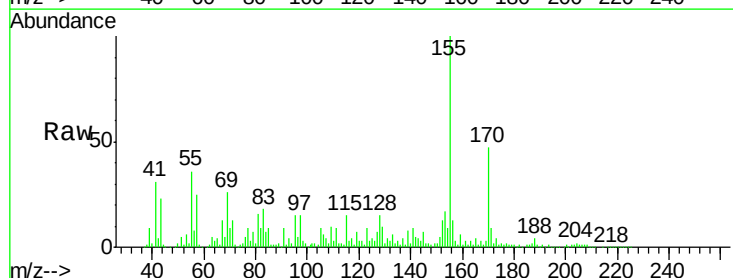
Instrument :  
BNA\_F  
ClientSampleId :  
1050-410-NEWYORKDL

Tgt Ion:168 Resp: 84436  
Ion Ratio Lower Upper  
168 100  
139 73.3 33.4 50.2#  
169 143.3 11.1 16.7#

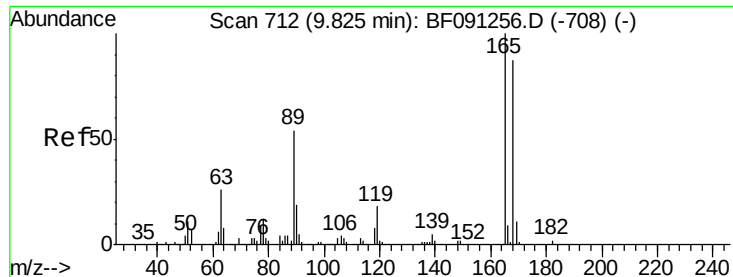


#55  
4-Nitrophenol  
Concen: 24.79 ng  
RT: 9.72 min Scan# 703  
Delta R.T. -0.05 min  
Lab File: BF091263.D  
Acq: 22 Nov 2016 00:59

Tgt Ion:139 Resp: 51468  
Ion Ratio Lower Upper  
139 100  
109 131.2 54.9 94.9#  
65 51.7 102.2 142.2#



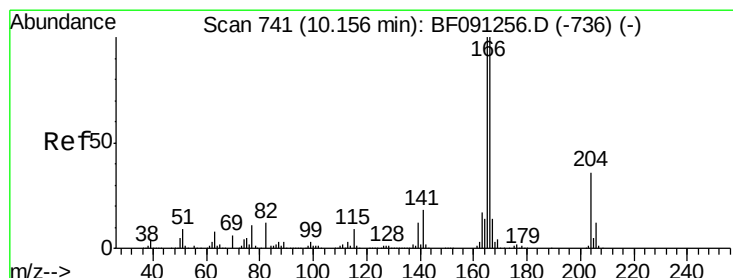
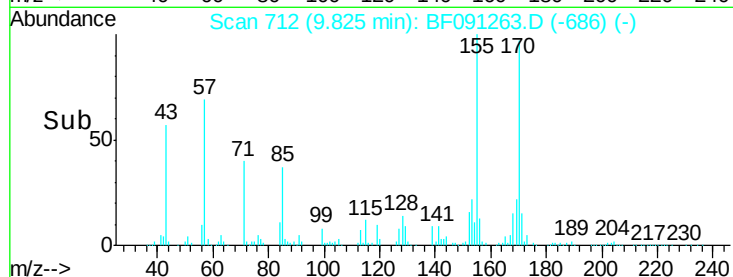
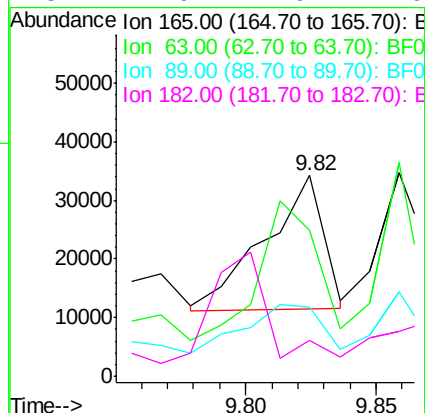
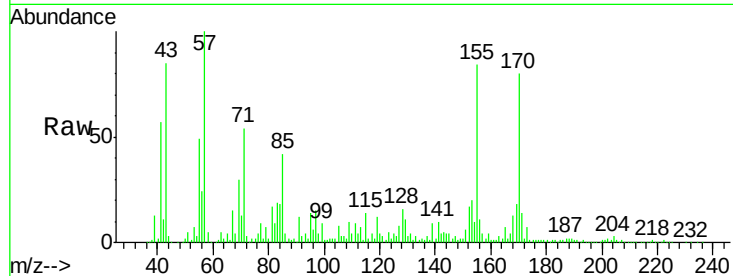




#56  
2,4-Dinitrotoluene  
Concen: 5.75 ng  
RT: 9.82 min Scan# 712  
Delta R.T. -0.00 min  
Lab File: BF091263.D  
Acq: 22 Nov 2016 00:59

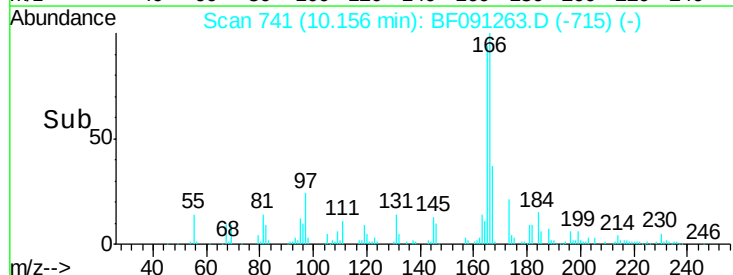
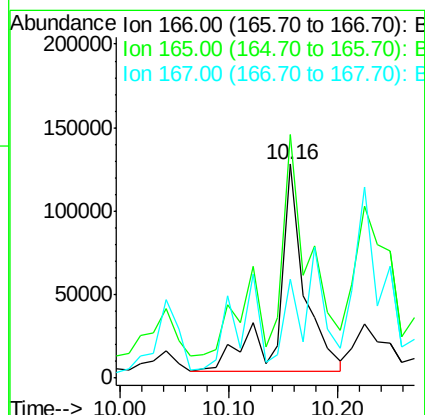
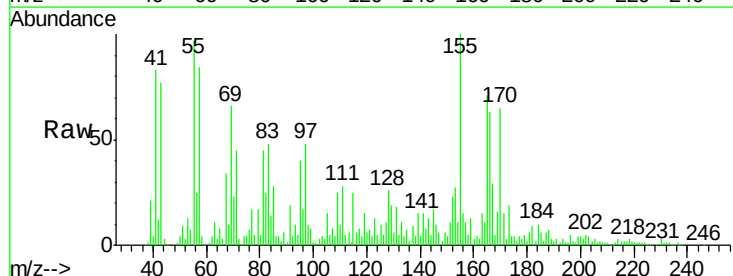
Instrument :  
BNA\_F  
ClientSampleId :  
1050-410-NEWYORKDL

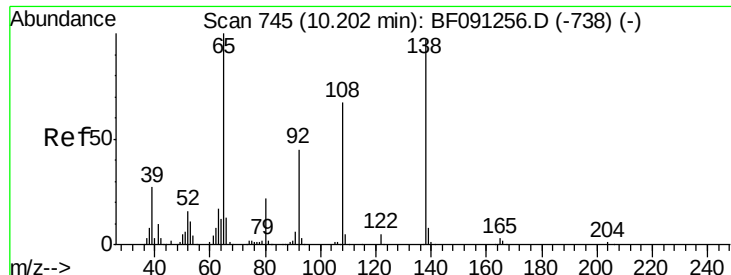
Tgt Ion:165 Resp: 35843  
Ion Ratio Lower Upper  
165 100  
63 72.6 29.0 43.4#  
89 34.6 43.1 64.7#  
182 17.9 1.9 2.9#



#57  
Fluorene  
Concen: 9.88 ng  
RT: 10.16 min Scan# 741  
Delta R.T. -0.00 min  
Lab File: BF091263.D  
Acq: 22 Nov 2016 00:59

Tgt Ion:166 Resp: 204095  
Ion Ratio Lower Upper  
166 100  
165 113.9 80.0 120.0  
167 46.5 10.8 16.2#

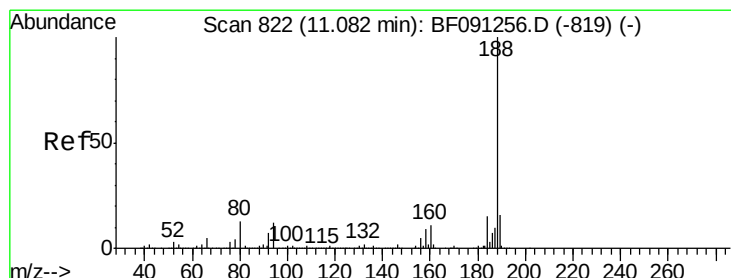
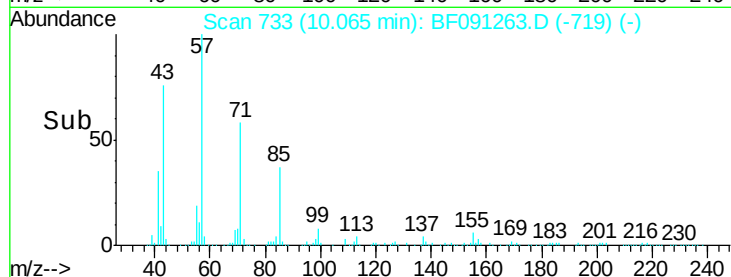
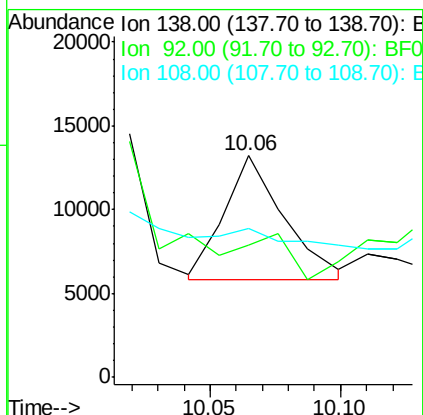
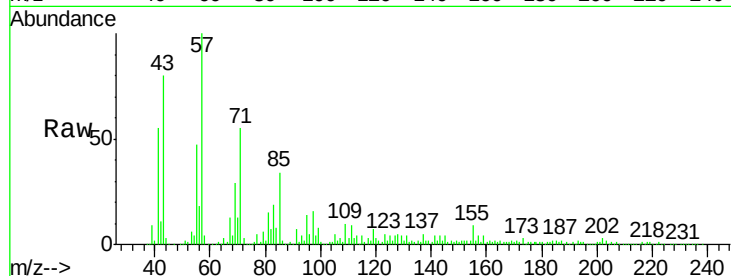




#61  
4-Nitroaniline  
Concen: 2.17 ng  
RT: 10.06 min Scan# 733  
Delta R.T. -0.14 min  
Lab File: BF091263.D  
Acq: 22 Nov 2016 00:59

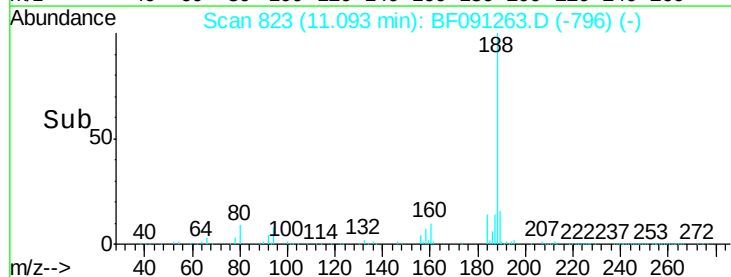
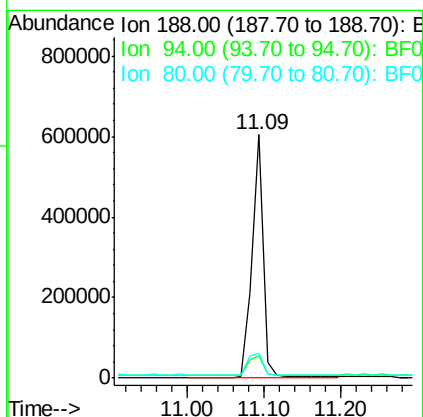
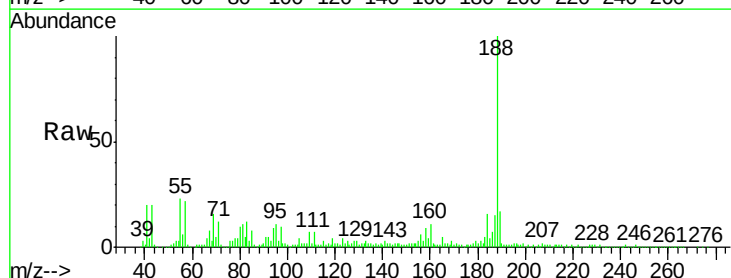
Instrument :  
BNA\_F  
ClientSampleId :  
1050-410-NEWYORKDL

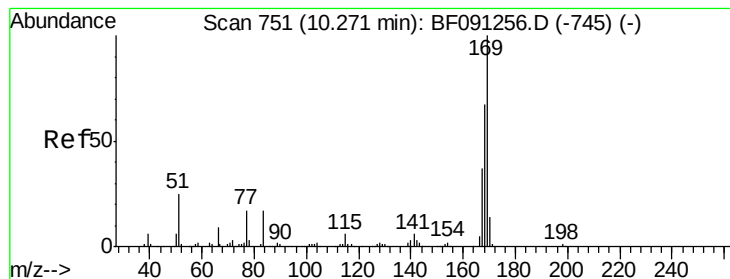
Tgt Ion:138 Resp: 11809  
Ion Ratio Lower Upper  
138 100  
92 59.9 26.9 66.9  
108 67.4 49.1 89.1



#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.09 min Scan# 823  
Delta R.T. 0.01 min  
Lab File: BF091263.D  
Acq: 22 Nov 2016 00:59

Tgt Ion:188 Resp: 600192  
Ion Ratio Lower Upper  
188 100  
94 9.3 9.2 13.8  
80 10.1 10.5 15.7#

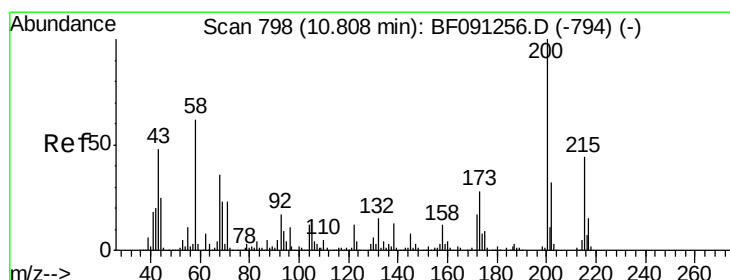
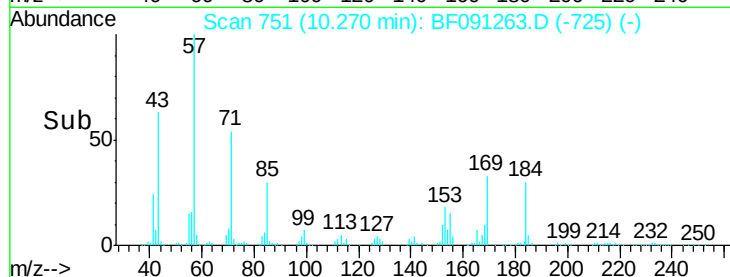
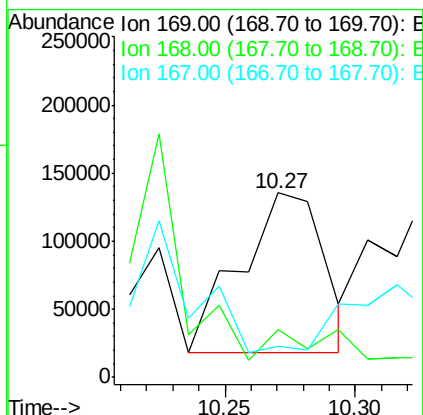
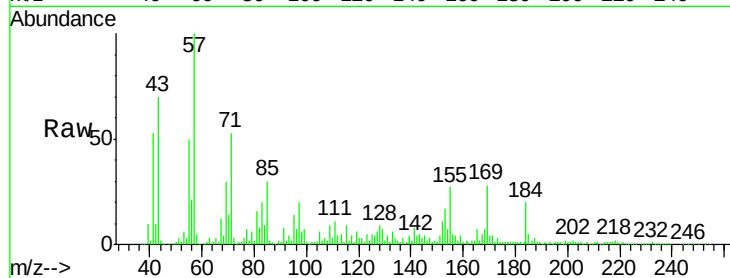




#65  
n-Nitrosodiphenylamine  
Concen: 14.64 ng  
RT: 10.27 min Scan# 751  
Delta R.T. -0.00 min  
Lab File: BF091263.D  
Acq: 22 Nov 2016 00:59

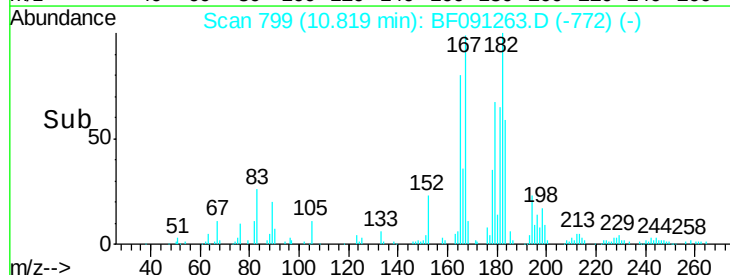
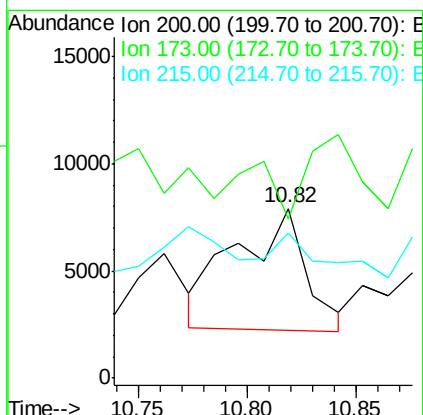
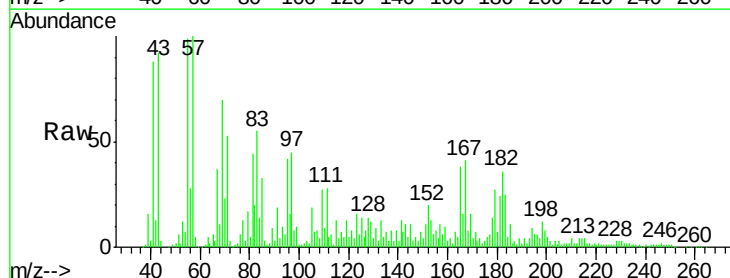
Instrument :  
BNA\_F  
ClientSampleId :  
1050-410-NEWYORKDL

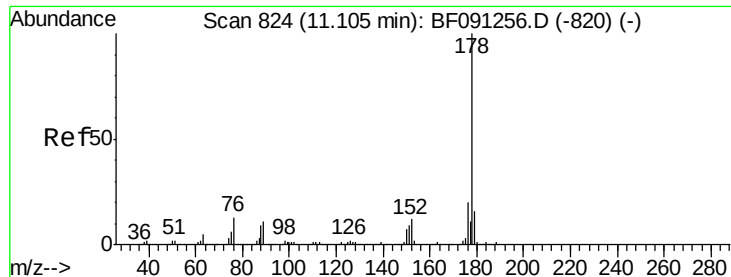
Tgt Ion:169 Resp: 264735  
Ion Ratio Lower Upper  
169 100  
168 26.0 53.8 80.8#  
167 17.1 29.8 44.8#



#68  
Atrazine  
Concen: 2.91 ng  
RT: 10.82 min Scan# 799  
Delta R.T. 0.01 min  
Lab File: BF091263.D  
Acq: 22 Nov 2016 00:59

Tgt Ion:200 Resp: 12828  
Ion Ratio Lower Upper  
200 100  
173 93.5 7.8 47.8#  
215 85.4 24.3 64.3#

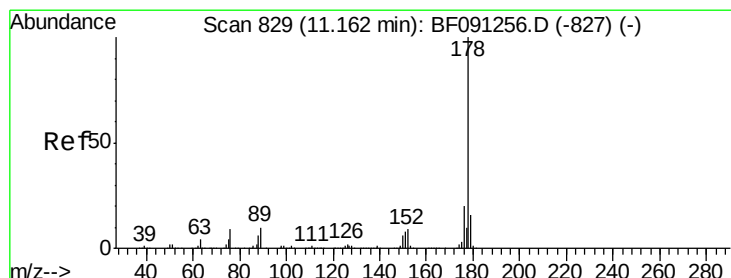
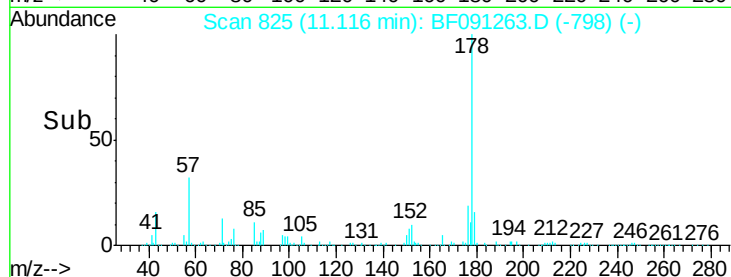
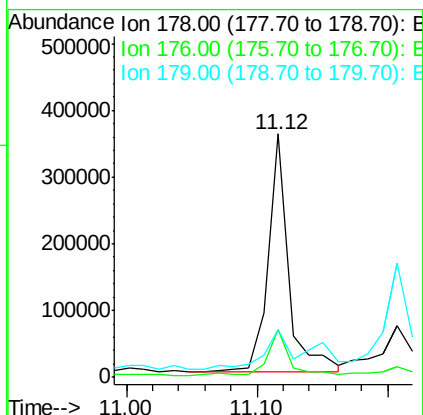
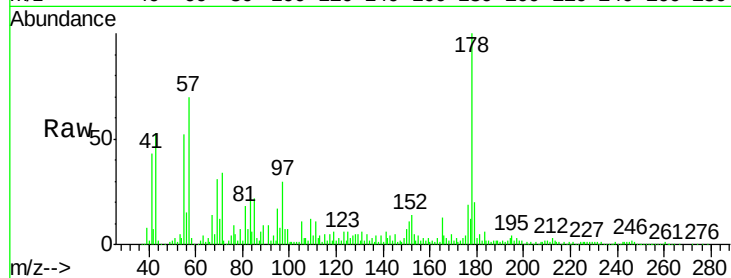




#70  
Phenanthrene  
Concen: 12.53 ng  
RT: 11.12 min Scan# 825  
Delta R.T. 0.01 min  
Lab File: BF091263.D  
Acq: 22 Nov 2016 00:59

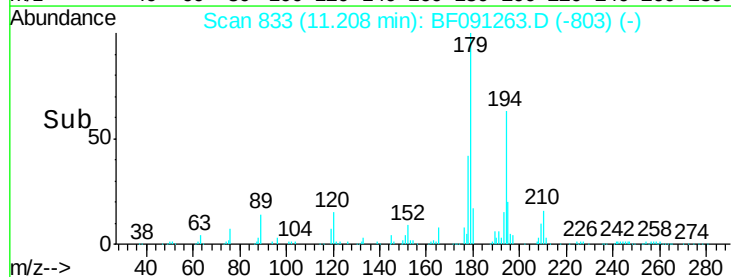
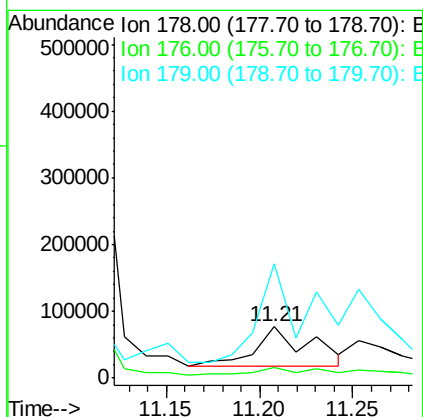
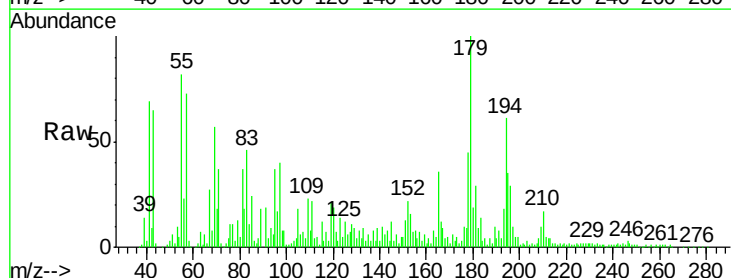
Instrument :  
BNA\_F  
ClientSampleId :  
1050-410-NEWYORKDL

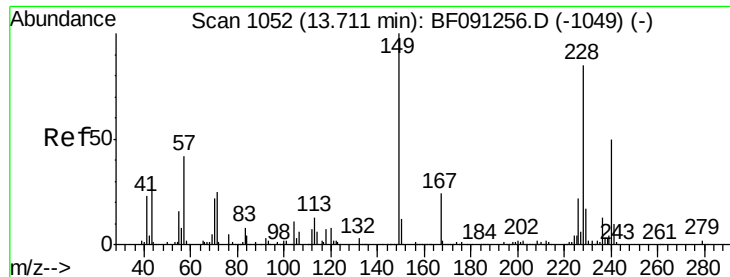
Tgt Ion:178 Resp: 395262  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.9 23.9  
179 19.8 12.6 18.8#



#71  
Anthracene  
Concen: 3.73 ng  
RT: 11.21 min Scan# 833  
Delta R.T. 0.05 min  
Lab File: BF091263.D  
Acq: 22 Nov 2016 00:59

Tgt Ion:178 Resp: 117216  
Ion Ratio Lower Upper  
178 100  
176 21.5 15.8 23.6  
179 221.8 12.7 19.1#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1052

Delta R.T. -0.00 min

Lab File: BF091263.D

Acq: 22 Nov 2016 00:59

Instrument :

BNA\_F

ClientSampleId :

1050-410-NEWYORKDL

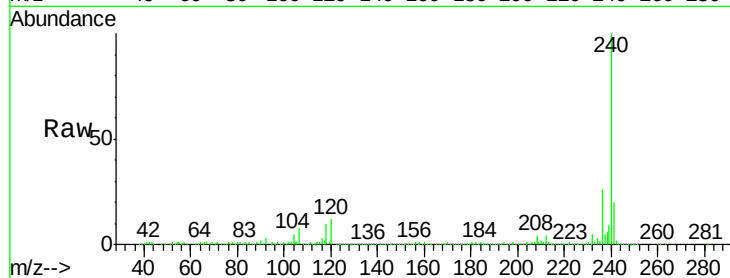
Tgt Ion:240 Resp: 626423

Ion Ratio Lower Upper

240 100

120 11.9 12.1 18.1#

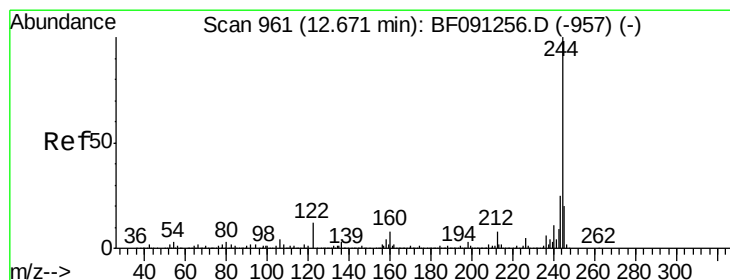
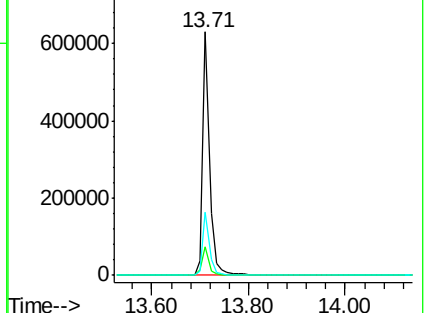
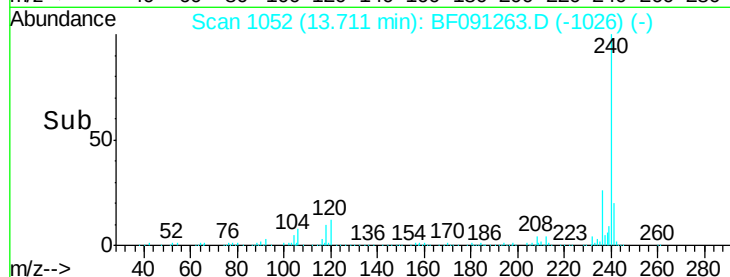
236 26.0 21.0 31.6



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: 14.66 ng

RT: 12.67 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF091263.D

Acq: 22 Nov 2016 00:59

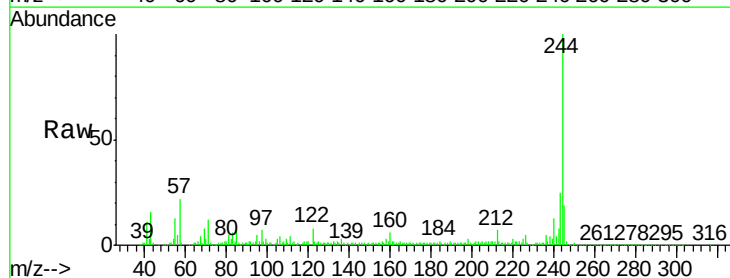
Tgt Ion:244 Resp: 405094

Ion Ratio Lower Upper

244 100

212 7.1 6.5 9.7

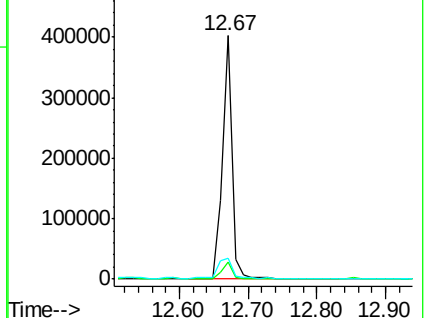
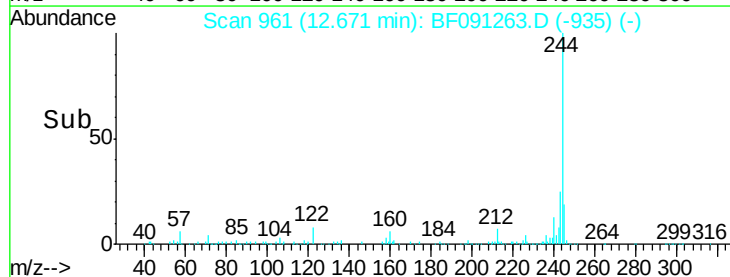
122 8.5 9.5 14.3#

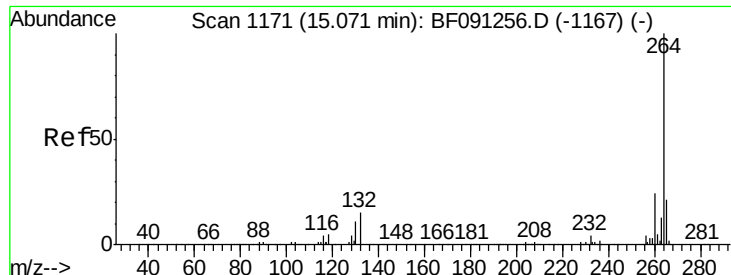


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

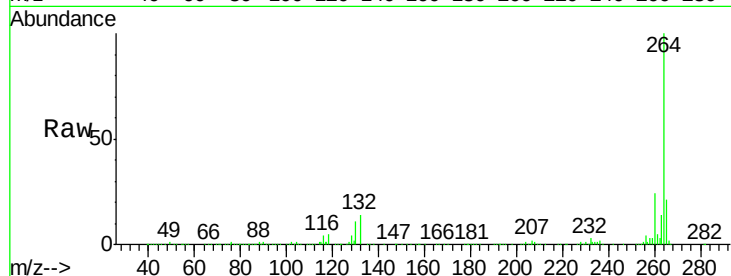




#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.07 min Scan# 1171  
Delta R.T. -0.00 min  
Lab File: BF091263.D  
Acq: 22 Nov 2016 00:59

Instrument :  
BNA\_F  
ClientSampleId :  
1050-410-NEWYORKDL

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 264   | Resp: | 489558 |
| Ion      | Ratio | Lower | Upper  |
| 264      | 100   |       |        |
| 260      | 24.2  | 18.8  | 28.2   |
| 265      | 21.1  | 17.0  | 25.6   |



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

