

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF040416\  
 Data File : BF086037.D  
 Acq On : 4 Apr 2016 14:35  
 Operator : UM/SJ  
 Sample : PB89407BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB89407BL

Quant Time: Apr 05 00:54:14 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF040216.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 01 23:17:06 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.76  | 152  | 121184   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 8.04  | 136  | 472546   | 20.00 | ng    | -0.02    |
| 38) Acenaphthene-d10      | 9.80  | 164  | 222178   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 11.28 | 188  | 446608   | 20.00 | ng    | -0.02    |
| 75) Chrysene-d12          | 13.92 | 240  | 403720   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 15.31 | 264  | 339575   | 20.00 | ng    | -0.02    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.37  | 112  | 874460   | 123.34 | ng    | 0.00     |
| 7) Phenol-d6                | 6.41  | 99   | 1079825  | 119.91 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.33  | 82   | 695465   | 86.79  | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.59 | 330  | 295364   | 141.64 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 9.13  | 172  | 1187449  | 88.86  | ng    | -0.01    |
| 78) Terphenyl-d14           | 12.87 | 244  | 1166551  | 67.92  | ng    | -0.01    |

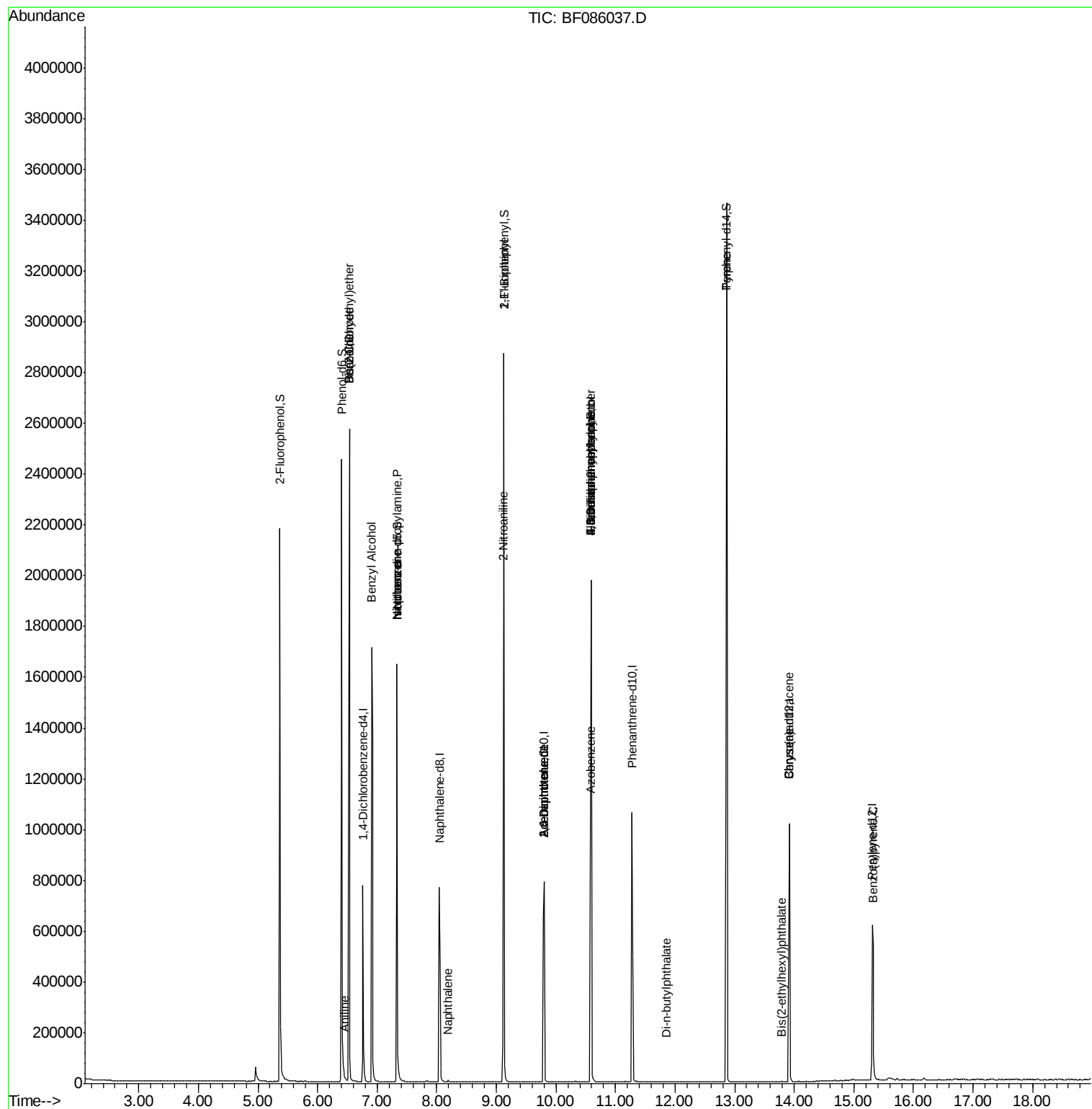
| Target Compounds               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|-------|------|----------|-------|-------|--------|
| 6) Aniline                     | 6.45  | 93   | 420      | 0.04  | ng    | # 19   |
| 9) Benzaldehyde                | 6.53  | 77   | 19169    | 3.96  | ng    | # 91   |
| 10) Phenol                     | 6.53  | 94   | 1684     | 0.16  | ng    | # 1    |
| 11) bis(2-Chloroethyl)ether    | 6.53  | 93   | 1137     | 0.14  | ng    | # 1    |
| 15) Benzyl Alcohol             | 6.91  | 79   | 10208    | 1.75  | ng    | # 49   |
| 19) n-Nitroso-di-n-propylamine | 7.33  | 70   | 90587    | 16.23 | ng    | # 74   |
| 24) Nitrobenzene               | 7.33  | 77   | 1991     | 0.23  | ng    | # 39   |
| 25) Isophorone                 | 7.33  | 82   | 694280   | 43.89 | ng    | # 68   |
| 31) Naphthalene                | 8.19  | 128  | 571      | 0.02  | ng    | # 1    |
| 45) 1,1'-Biphenyl              | 9.13  | 154  | 2282     | 0.12  | ng    | # 1    |
| 47) 2-Nitroaniline             | 9.12  | 65   | 1780     | 0.44  | ng    | # 1    |
| 50) 2,6-Dinitrotoluene         | 9.80  | 165  | 27452    | 7.88  | ng    | # 18   |
| 51) Acenaphthene               | 9.80  | 154  | 932      | 0.07  | ng    | # 4    |
| 56) 2,4-Dinitrotoluene         | 9.80  | 165  | 27452    | 6.24  | ng    | # 36   |
| 57) Fluorene                   | 10.59 | 166  | 13196    | 0.88  | ng    | # 90   |
| 62) Azobenzene                 | 10.58 | 77   | 1221     | 0.08  | ng    | # 1    |
| 64) 4,6-Dinitro-2-methylphenol | 10.59 | 198  | 525      | 0.19  | ng    | # 20   |
| 65) n-Nitrosodiphenylamine     | 10.59 | 169  | 8719     | 0.62  | ng    | # 44   |
| 66) 4-Bromophenyl-phenylether  | 10.59 | 248  | 19746    | 4.33  | ng    | # 1    |
| 73) Di-n-butylphthalate        | 11.85 | 149  | 2044     | 0.08  | ng    | # 78   |
| 77) Pyrene                     | 12.87 | 202  | 3923     | 0.14  | ng    | # 69   |
| 80) Benzo(a)anthracene         | 13.92 | 228  | 1022     | 0.04  | ng    | # 51   |
| 82) Chrysene                   | 13.92 | 228  | 1022     | 0.04  | ng    | # 49   |
| 83) Bis(2-ethylhexyl)phthalate | 13.79 | 149  | 644      | 0.04  | ng    | # 54   |
| 89) Benzo(a)pyrene             | 15.32 | 252  | 977      | 0.05  | ng    | # 59   |

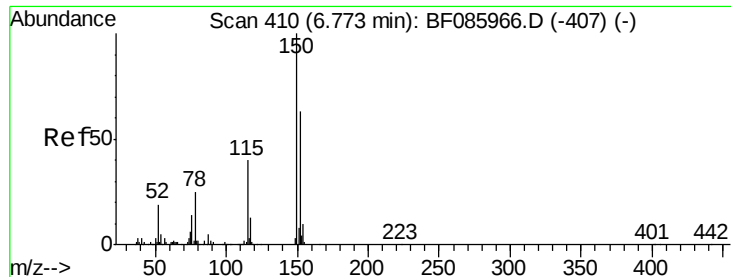
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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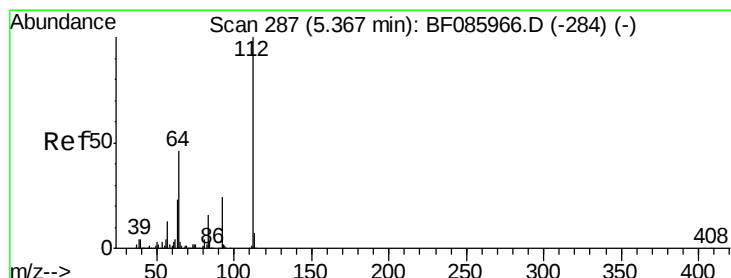
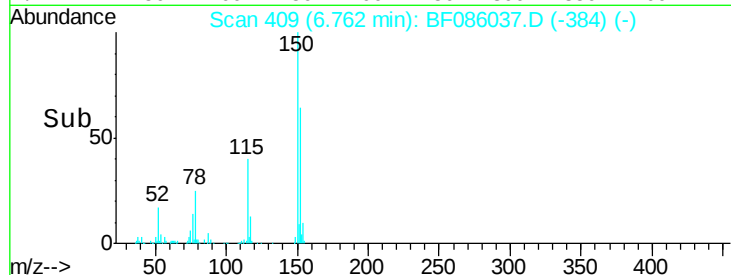
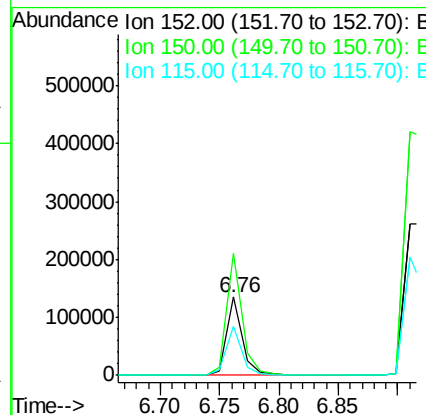
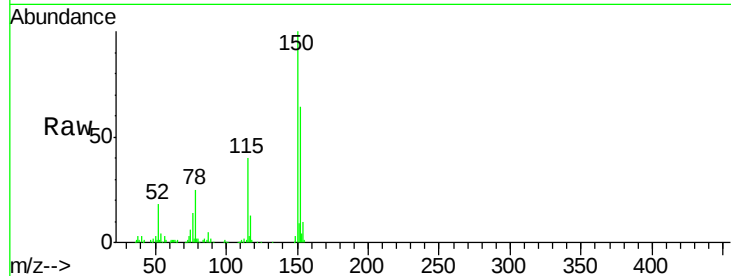


#1

1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.76 min Scan# 409  
Delta R.T. -0.01 min  
Lab File: BF086037.D  
Acq: 4 Apr 2016 14:35

Instrument :  
BNA\_F  
ClientSampleId :  
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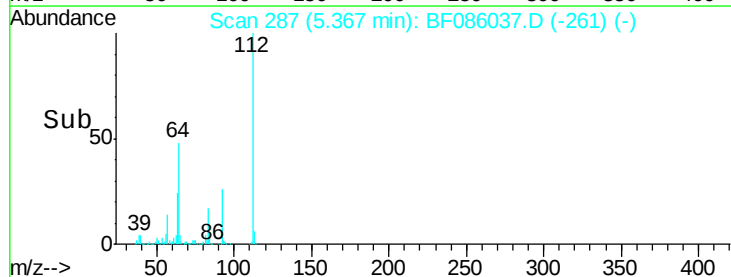
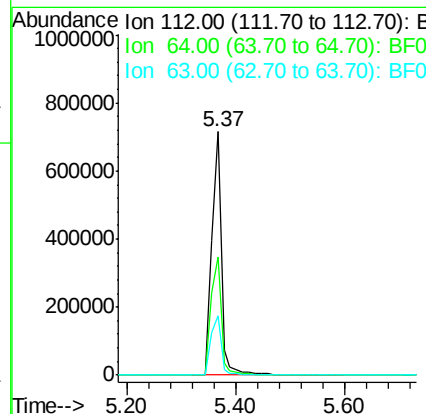
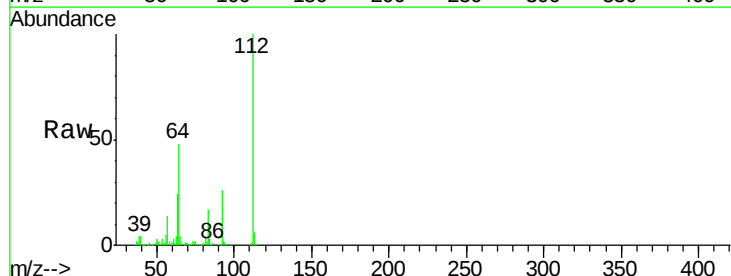
Tgt Ion:152 Resp: 121184  
Ion Ratio Lower Upper  
152 100  
150 157.0 124.2 186.2  
115 63.2 47.0 70.6

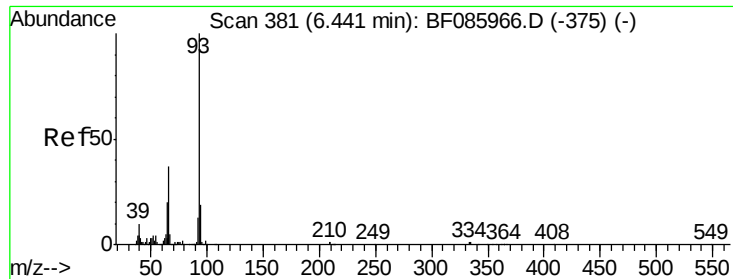


#5

2-Fluorophenol  
Concen: 123.34 ng  
RT: 5.37 min Scan# 287  
Delta R.T. 0.00 min  
Lab File: BF086037.D  
Acq: 4 Apr 2016 14:35

Tgt Ion:112 Resp: 874460  
Ion Ratio Lower Upper  
112 100  
64 48.5 39.9 59.9  
63 24.4 20.2 30.2





#6

Aniline

Concen: 0.04 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.01 min

Lab File: BF086037.D

Acq: 4 Apr 2016 14:35

Instrument :

BNA\_F

ClientSampleId :

PB89407BL

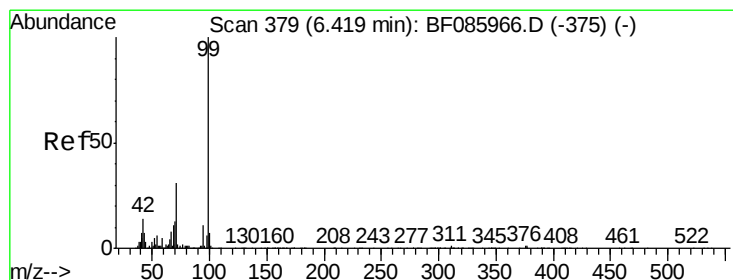
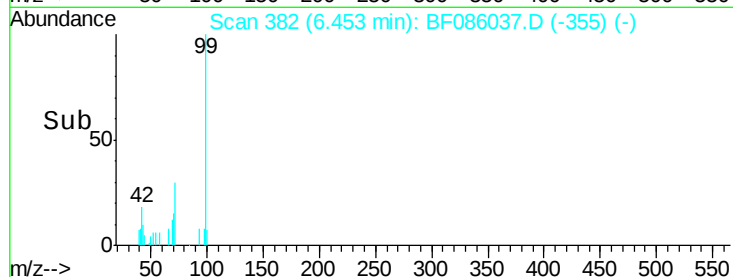
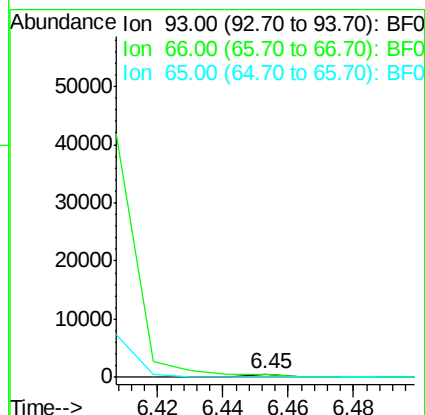
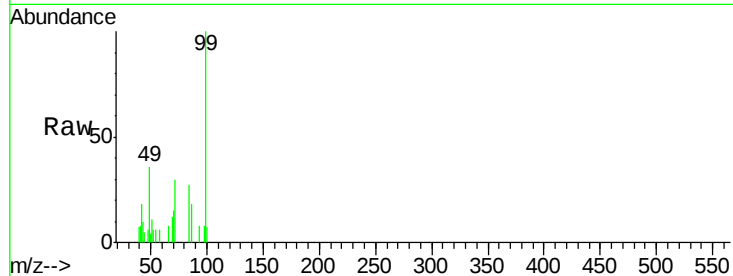
Tgt Ion: 93 Resp: 420

Ion Ratio Lower Upper

93 100

66 100.7 31.4 47.2#

65 0.0 15.7 23.5#



#7

Phenol-d6

Concen: 119.91 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF086037.D

Acq: 4 Apr 2016 14:35

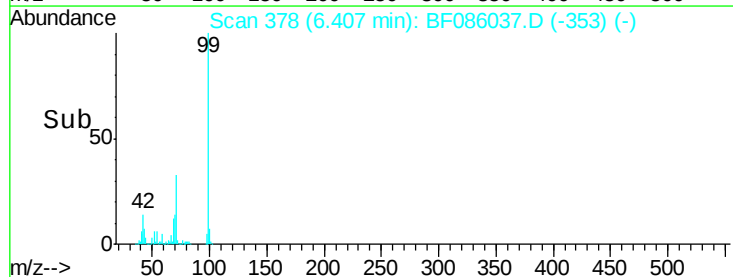
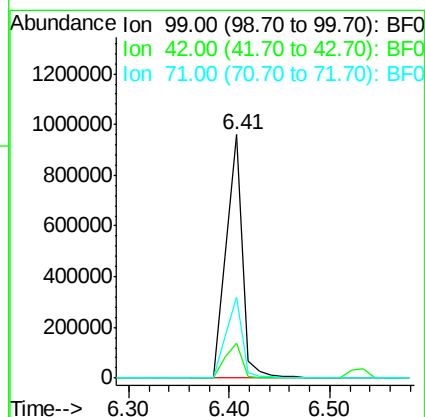
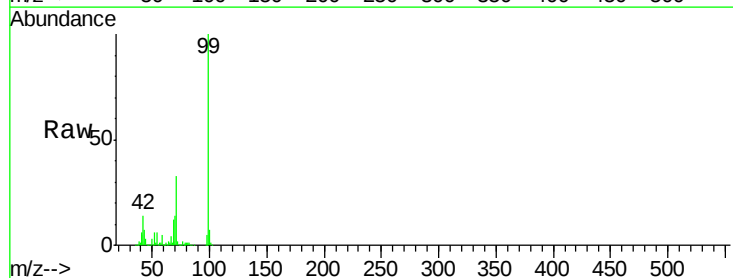
Tgt Ion: 99 Resp: 1079825

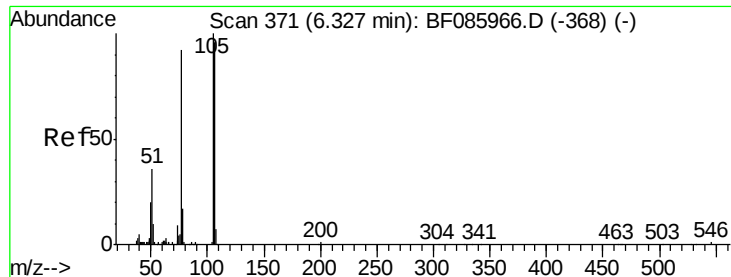
Ion Ratio Lower Upper

99 100

42 14.5 11.1 16.7

71 33.1 24.9 37.3





#9

Benzaldehyde

Concen: 3.96 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.21 min

Lab File: BF086037.D

Acq: 4 Apr 2016 14:35

Instrument :

BNA\_F

ClientSampleId :

PB89407BL

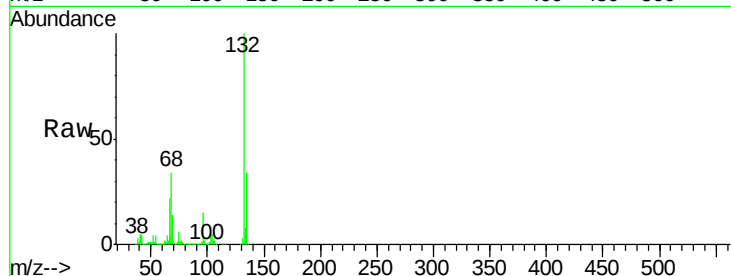
Tgt Ion: 77 Resp: 19169

Ion Ratio Lower Upper

77 100

105 88.5 80.1 120.1

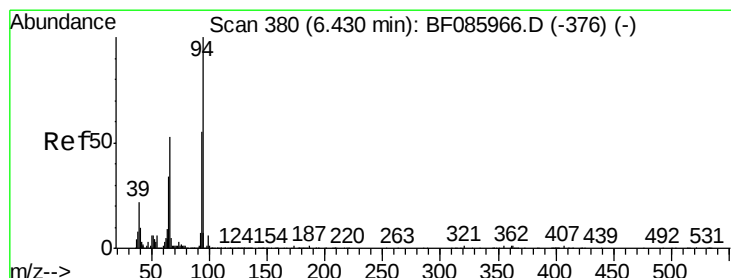
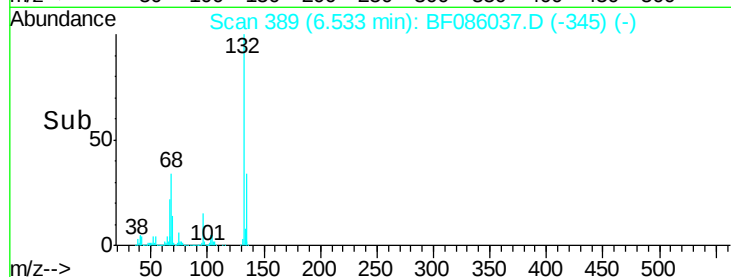
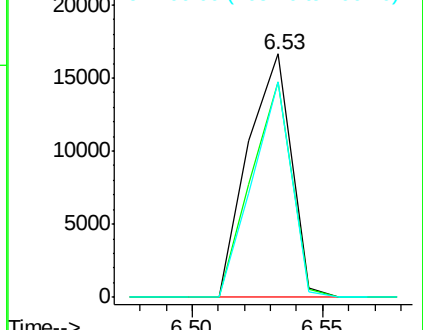
106 88.7 75.0 115.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 0.16 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.10 min

Lab File: BF086037.D

Acq: 4 Apr 2016 14:35

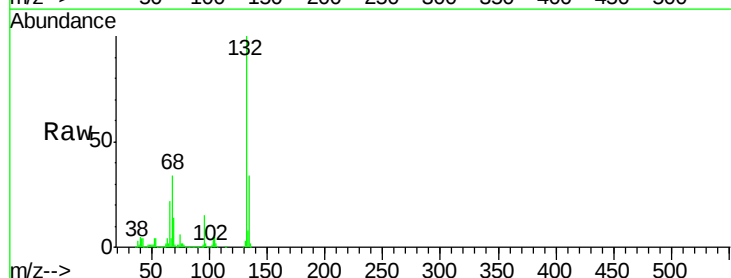
Tgt Ion: 94 Resp: 1684

Ion Ratio Lower Upper

94 100

65 1010.6 8.6 48.6#

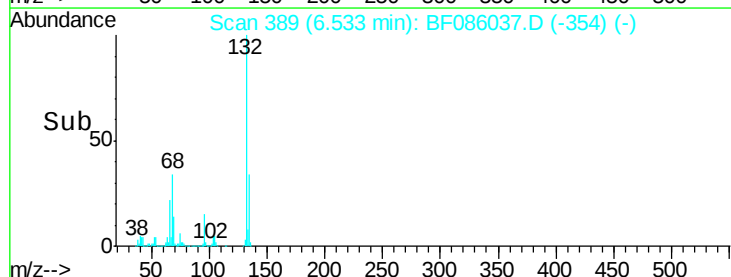
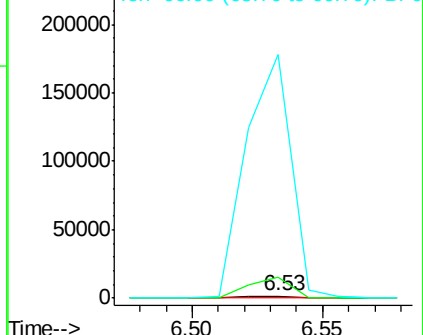
66 11587.5 20.0 60.0#

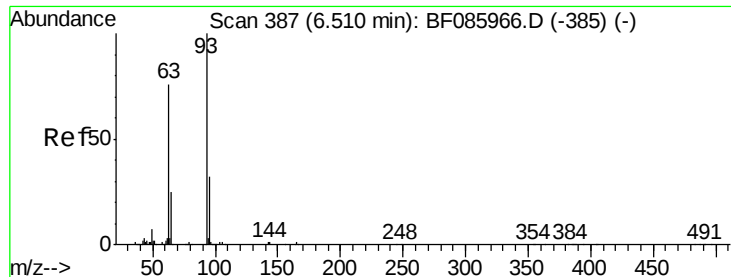


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

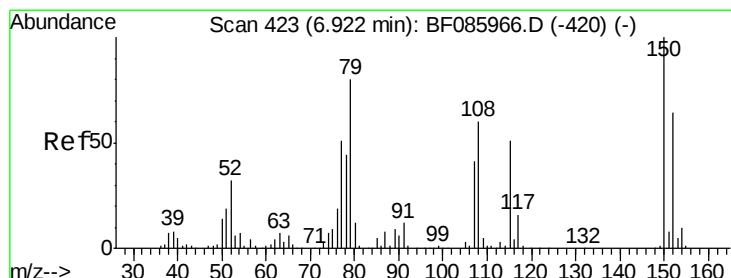
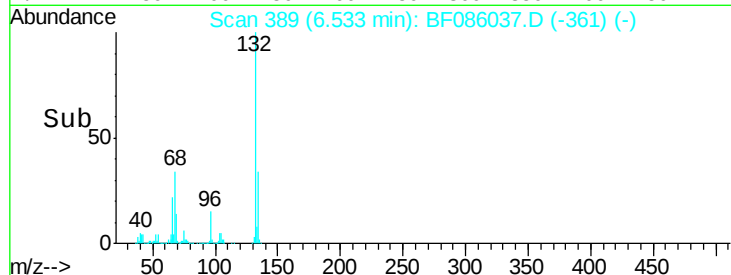
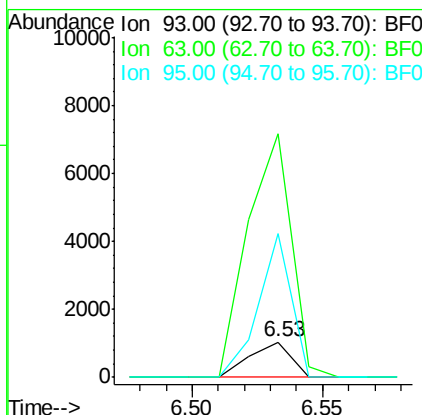
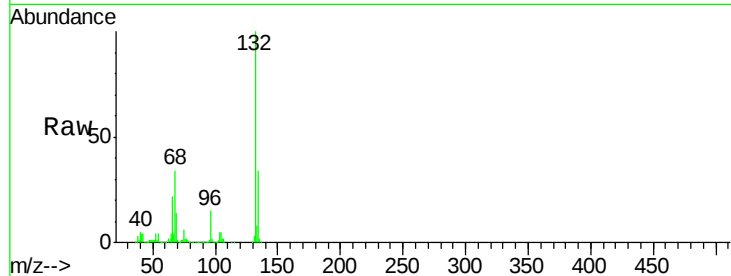




#11  
bis(2-Chloroethyl)ether  
Concen: 0.14 ng  
RT: 6.53 min Scan# 389  
Delta R.T. 0.02 min  
Lab File: BF086037.D  
Acq: 4 Apr 2016 14:35

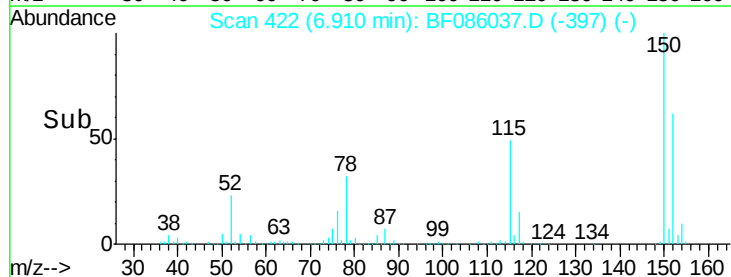
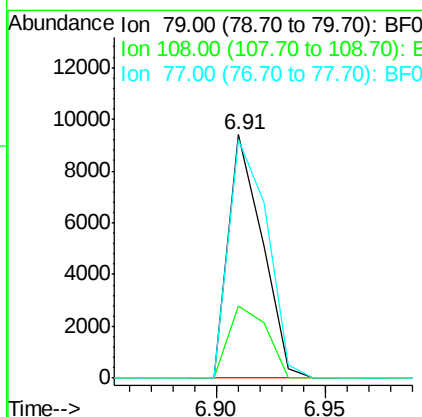
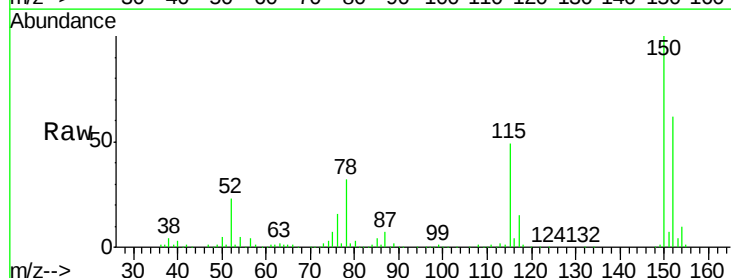
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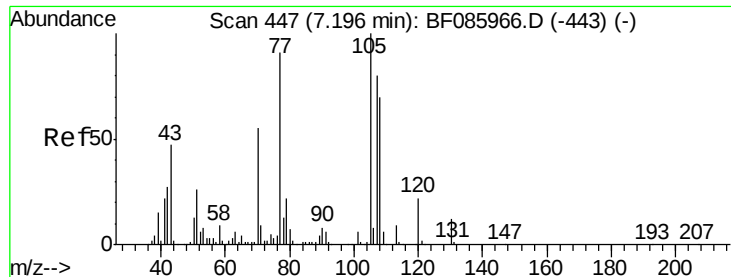
Tgt Ion: 93 Resp: 1137  
Ion Ratio Lower Upper  
93 100  
63 685.2 50.9 90.9#  
95 404.0 13.3 53.3#



#15  
Benzyl Alcohol  
Concen: 1.75 ng  
RT: 6.91 min Scan# 422  
Delta R.T. -0.01 min  
Lab File: BF086037.D  
Acq: 4 Apr 2016 14:35

Tgt Ion: 79 Resp: 10208  
Ion Ratio Lower Upper  
79 100  
108 29.5 61.8 92.6#  
77 98.0 49.6 74.4#

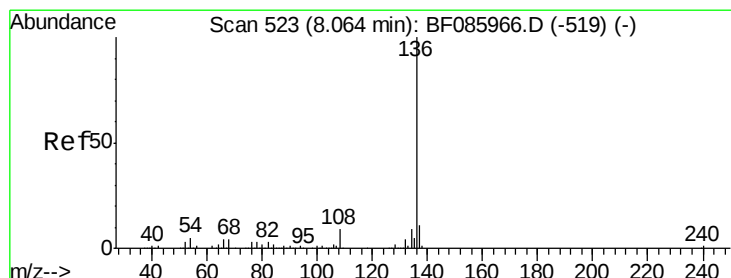
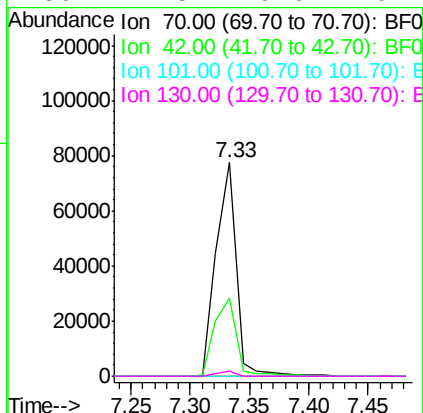
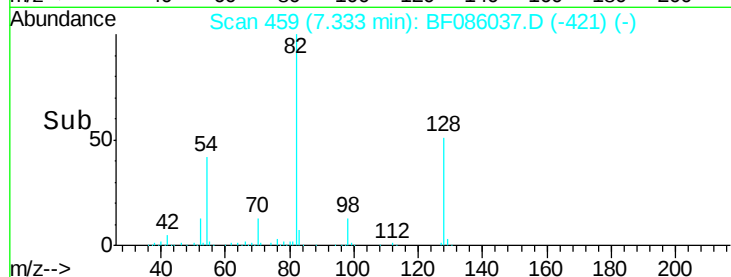
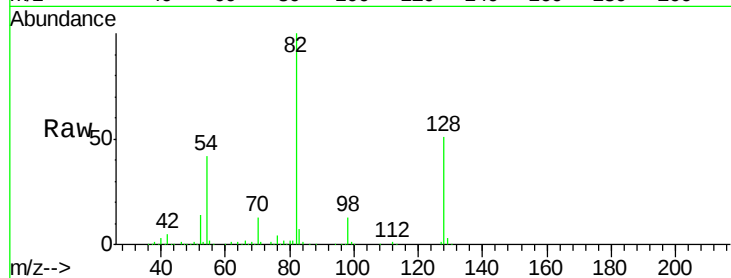




#19  
n-Nitroso-di-n-propylamine  
Concen: 16.23 ng  
RT: 7.33 min Scan# 459  
Delta R.T. 0.14 min  
Lab File: BF086037.D  
Acq: 4 Apr 2016 14:35

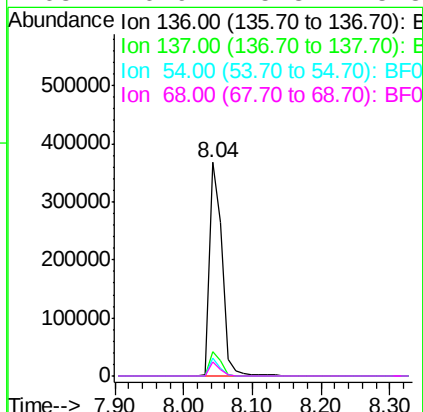
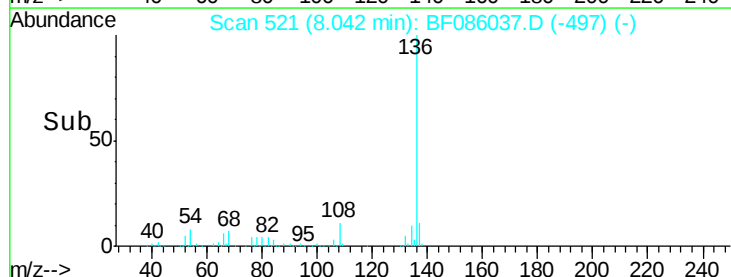
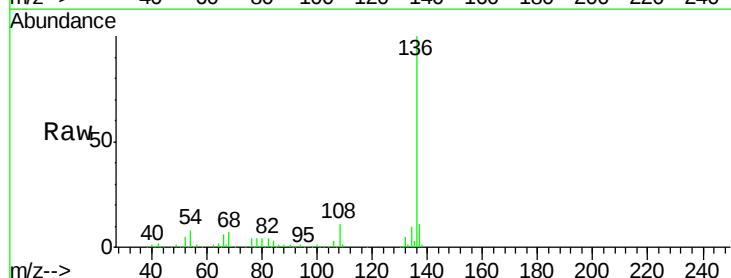
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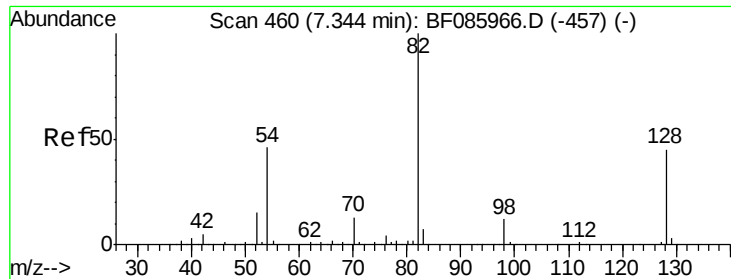
Tgt Ion: 70 Resp: 90587  
Ion Ratio Lower Upper  
70 100  
42 36.3 37.1 55.7#  
101 0.0 8.6 12.8#  
130 2.5 19.6 29.4#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.04 min Scan# 521  
Delta R.T. -0.02 min  
Lab File: BF086037.D  
Acq: 4 Apr 2016 14:35

Tgt Ion: 136 Resp: 472546  
Ion Ratio Lower Upper  
136 100  
137 11.2 9.1 13.7  
54 8.4 7.4 11.0  
68 6.9 5.8 8.8

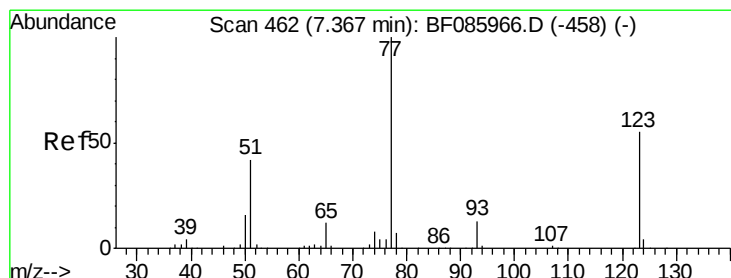
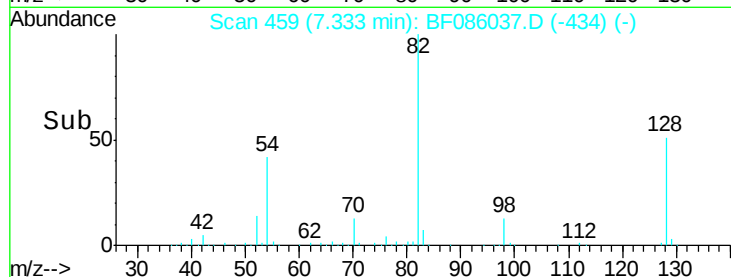
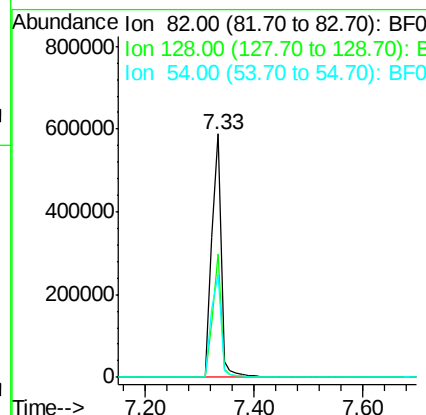
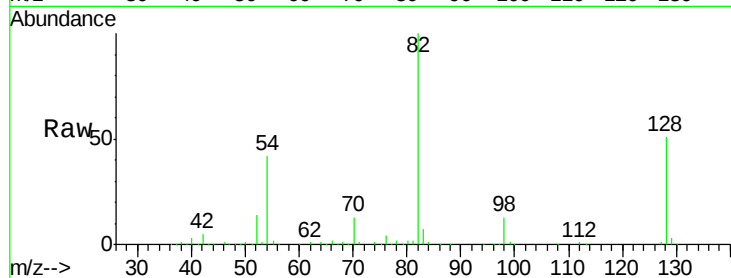




#23  
 Nitrobenzene-d5  
 Concen: 86.79 ng  
 RT: 7.33 min Scan# 459  
 Delta R.T. -0.01 min  
 Lab File: BF086037.D  
 Acq: 4 Apr 2016 14:35

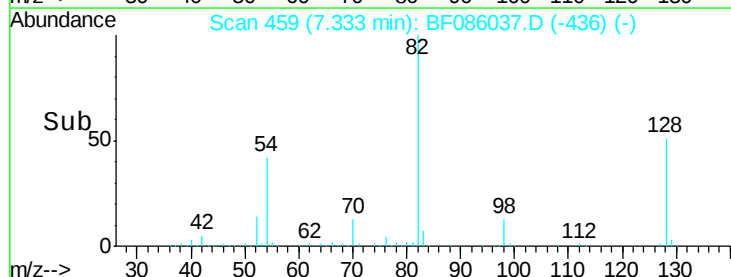
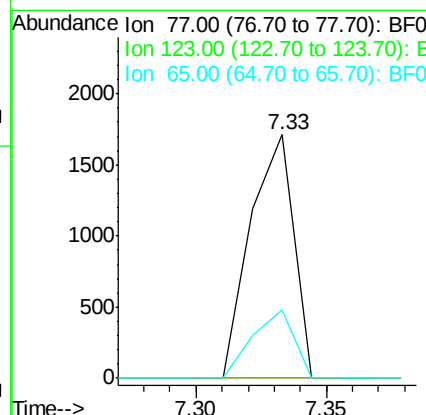
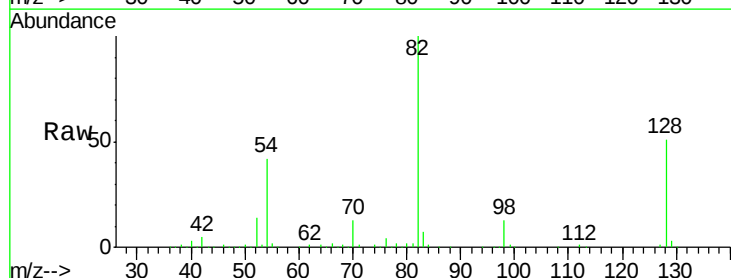
Instrument :  
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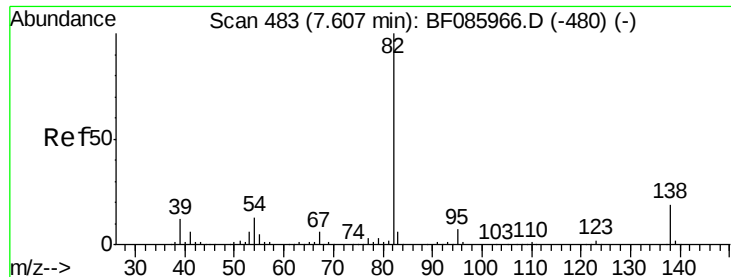
Tgt Ion: 82 Resp: 695465  
 Ion Ratio Lower Upper  
 82 100  
 128 50.8 41.8 62.8  
 54 42.0 33.4 50.0



#24  
 Nitrobenzene  
 Concen: 0.23 ng  
 RT: 7.33 min Scan# 459  
 Delta R.T. -0.03 min  
 Lab File: BF086037.D  
 Acq: 4 Apr 2016 14:35

Tgt Ion: 77 Resp: 1991  
 Ion Ratio Lower Upper  
 77 100  
 123 0.0 35.0 52.4#  
 65 28.1 10.6 16.0#





#25

Isophorone

Concen: 43.89 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.27 min

Lab File: BF086037.D

Acq: 4 Apr 2016 14:35

Instrument :

BNA\_F

ClientSampleId :

PB89407BL

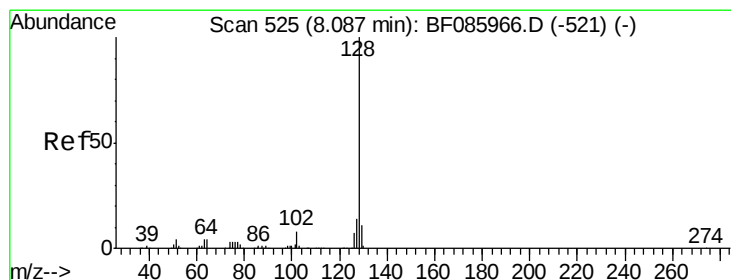
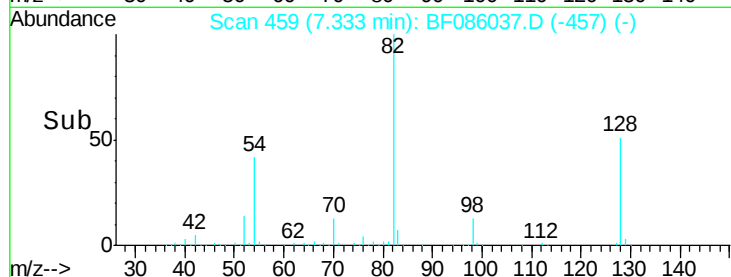
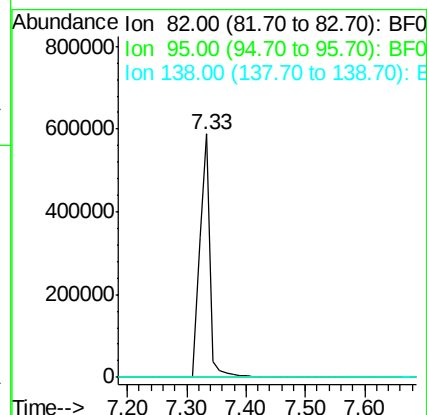
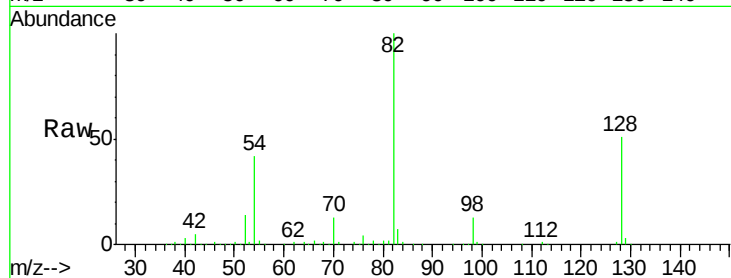
Tgt Ion: 82 Resp: 694280

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 12.9 19.3#



#31

Naphthalene

Concen: 0.02 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.10 min

Lab File: BF086037.D

Acq: 4 Apr 2016 14:35

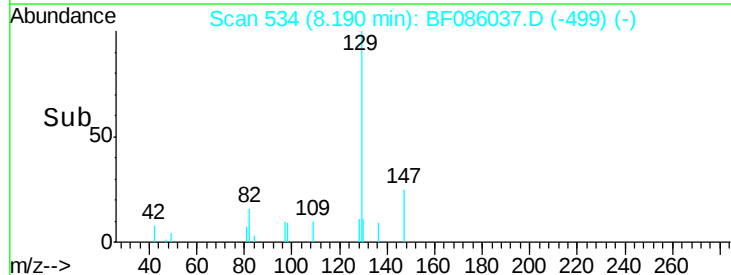
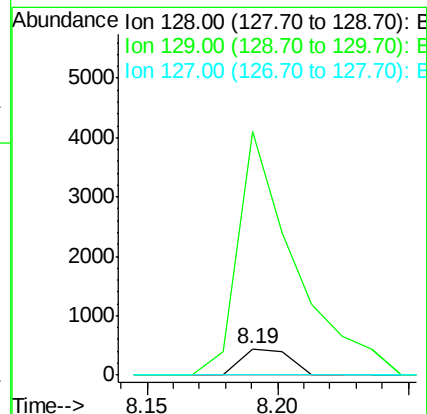
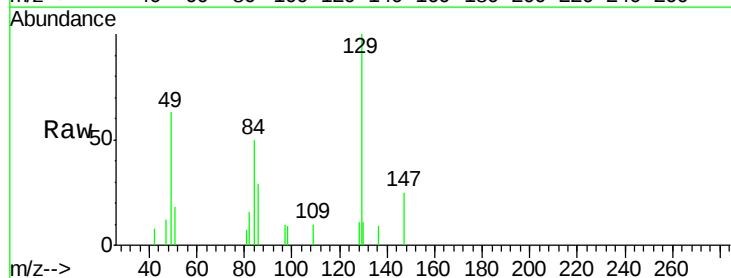
Tgt Ion: 128 Resp: 571

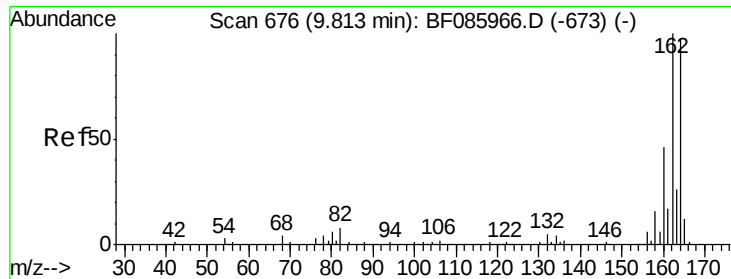
Ion Ratio Lower Upper

128 100

129 929.9 9.4 14.0#

127 0.0 11.0 16.6#

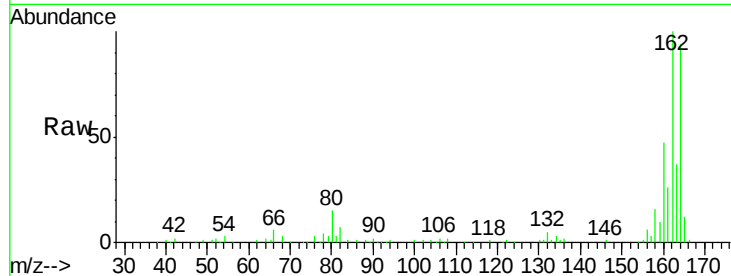




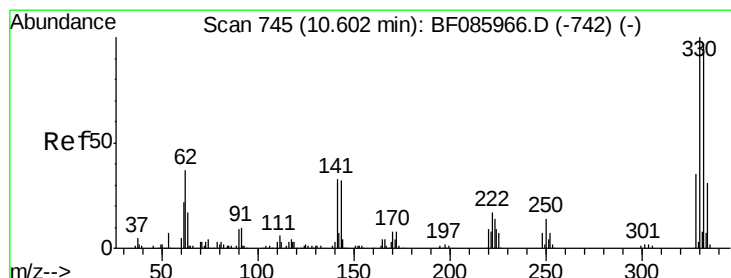
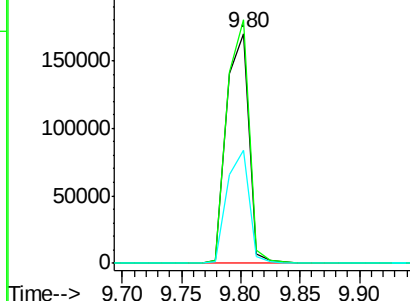
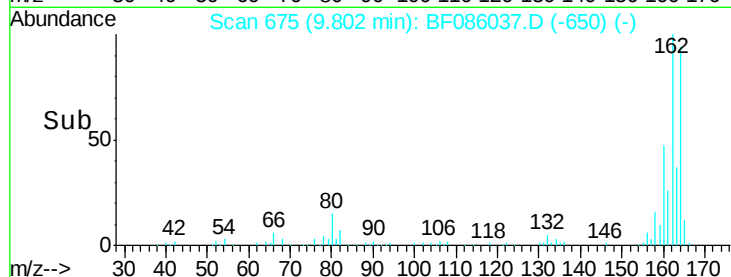
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.80 min Scan# 675  
 Delta R.T. -0.01 min  
 Lab File: BF086037.D  
 Acq: 4 Apr 2016 14:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB89407BL

Tgt Ion:164 Resp: 222178  
 Ion Ratio Lower Upper  
 164 100  
 162 106.1 82.1 123.1  
 160 49.5 37.4 56.2

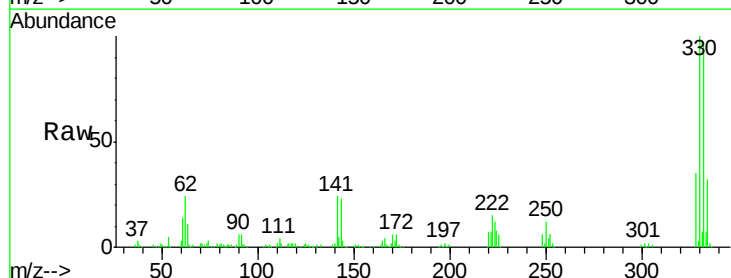


Abundance Ion 164.00 (163.70 to 164.70): E  
 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E

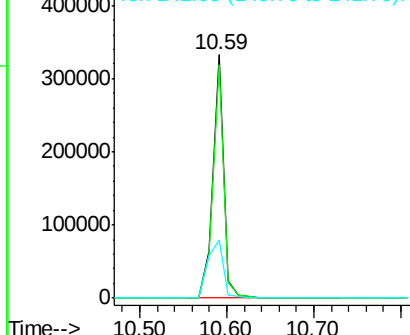
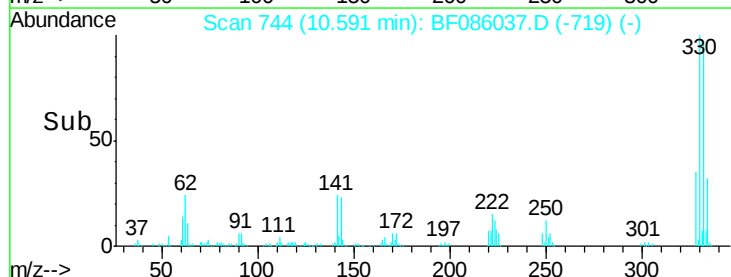


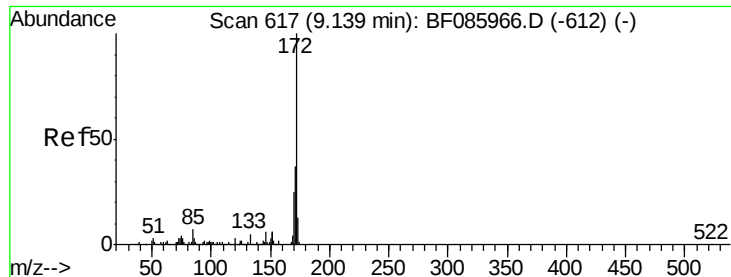
#41  
 2,4,6-Tribromophenol  
 Concen: 141.64 ng  
 RT: 10.59 min Scan# 744  
 Delta R.T. -0.01 min  
 Lab File: BF086037.D  
 Acq: 4 Apr 2016 14:35

Tgt Ion:330 Resp: 295364  
 Ion Ratio Lower Upper  
 330 100  
 332 95.0 78.2 117.2  
 141 33.7 31.5 47.3



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: 88.86 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.01 min

Lab File: BF086037.D

Acq: 4 Apr 2016 14:35

Instrument :

BNA\_F

ClientSampleId :

PB89407BL

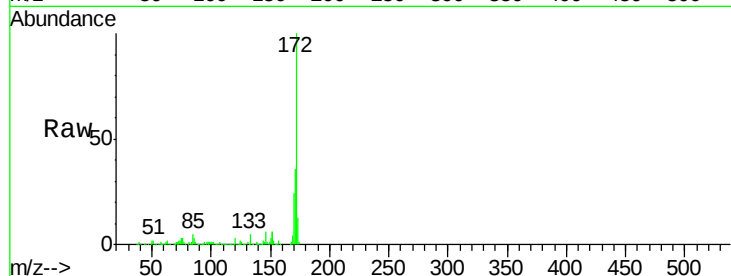
Tgt Ion:172 Resp: 1187449

Ion Ratio Lower Upper

172 100

171 35.9 29.4 44.2

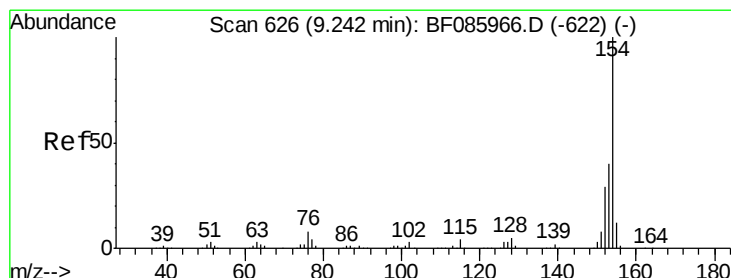
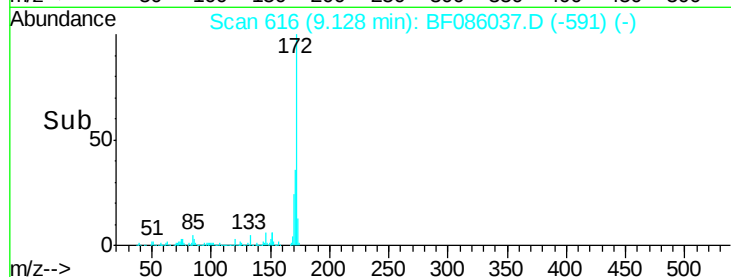
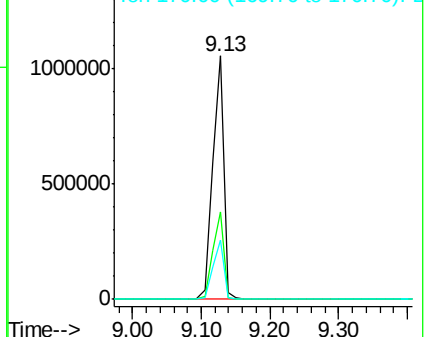
170 24.1 19.8 29.6



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: 0.12 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.11 min

Lab File: BF086037.D

Acq: 4 Apr 2016 14:35

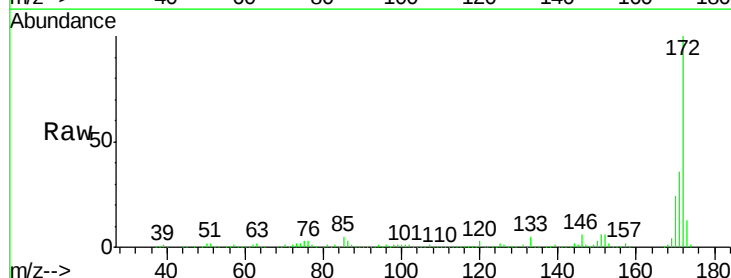
Tgt Ion:154 Resp: 2282

Ion Ratio Lower Upper

154 100

153 929.6 20.8 60.8#

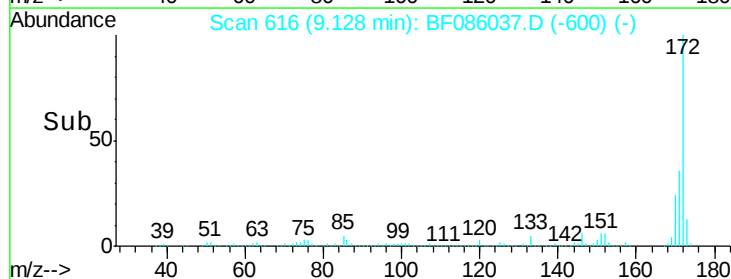
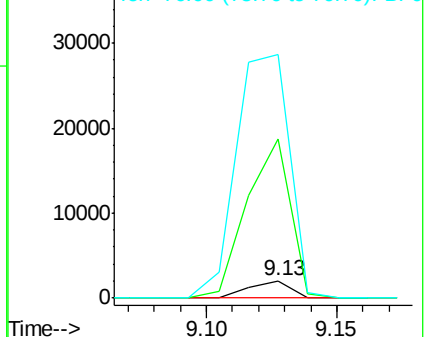
76 1420.0 0.0 36.7#

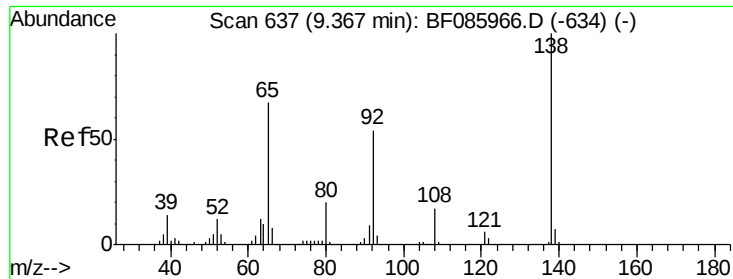


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

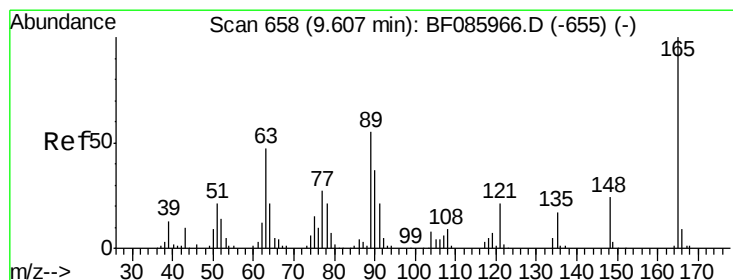
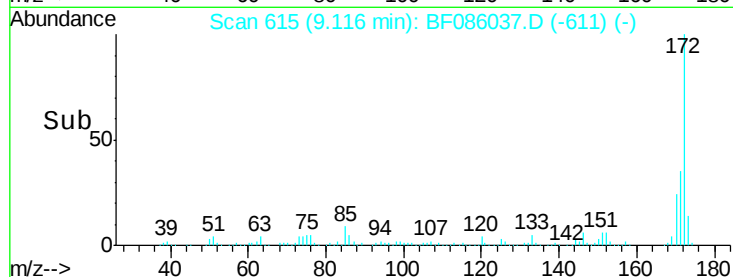
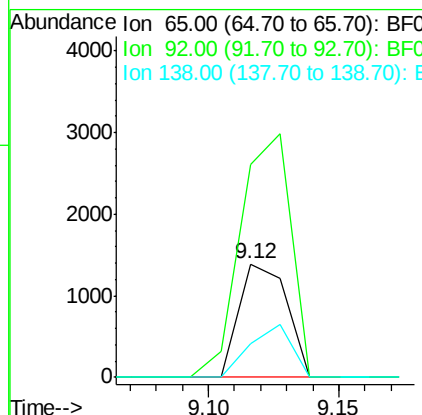
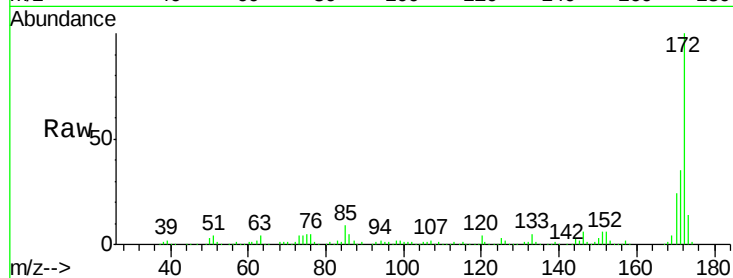




#47  
 2-Nitroaniline  
 Concen: 0.44 ng  
 RT: 9.12 min Scan# 615  
 Delta R.T. -0.25 min  
 Lab File: BF086037.D  
 Acq: 4 Apr 2016 14:35

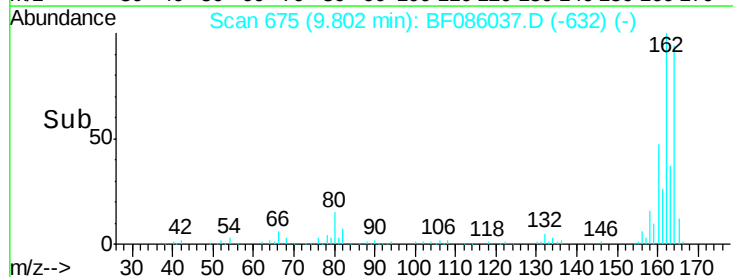
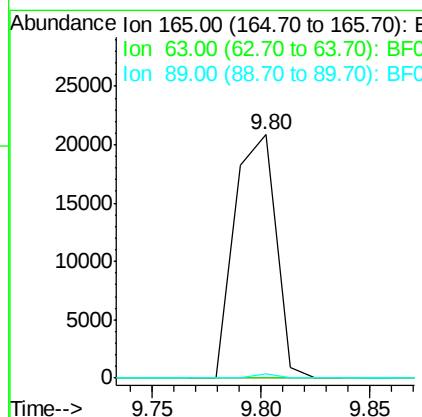
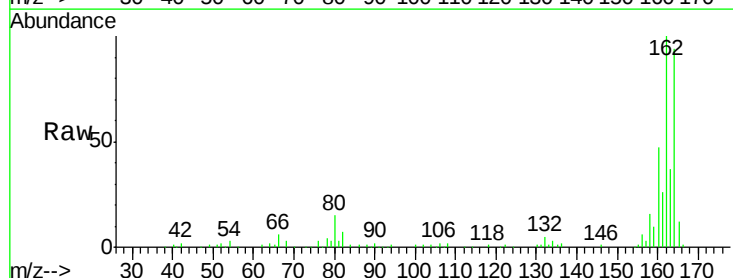
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB89407BL

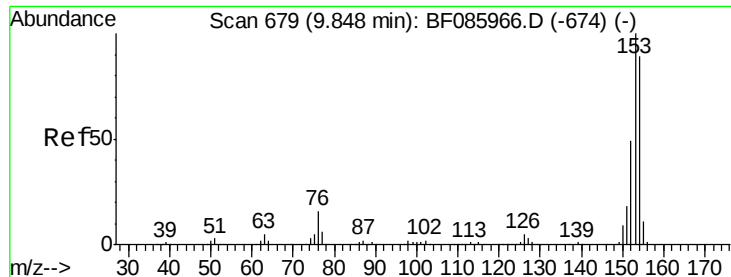
Tgt Ion: 65 Resp: 1780  
 Ion Ratio Lower Upper  
 65 100  
 92 187.8 59.7 89.5#  
 138 29.3 91.4 137.0#



#50  
 2,6-Dinitrotoluene  
 Concen: 7.88 ng  
 RT: 9.80 min Scan# 675  
 Delta R.T. 0.19 min  
 Lab File: BF086037.D  
 Acq: 4 Apr 2016 14:35

Tgt Ion: 165 Resp: 27452  
 Ion Ratio Lower Upper  
 165 100  
 63 0.0 51.8 77.8#  
 89 1.9 53.7 80.5#





#51

Acenaphthene

Concen: 0.07 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.05 min

Lab File: BF086037.D

Acq: 4 Apr 2016 14:35

Instrument :

BNA\_F

ClientSampleId :

PB89407BL

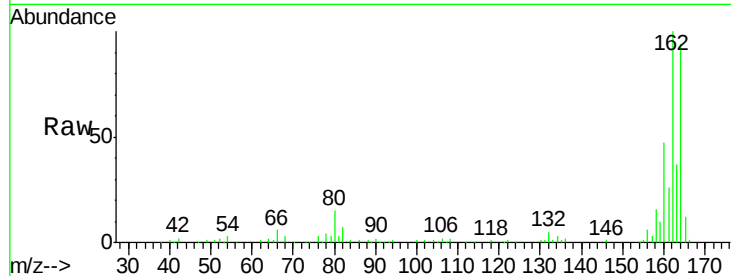
Tgt Ion:154 Resp: 932

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

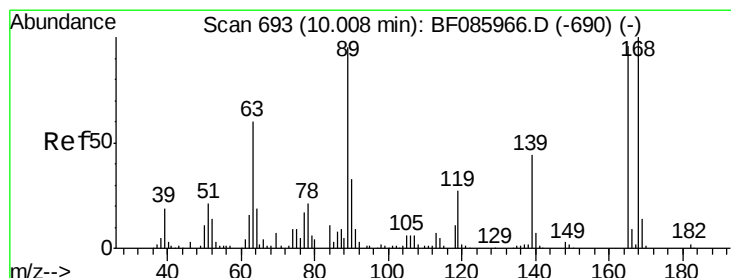
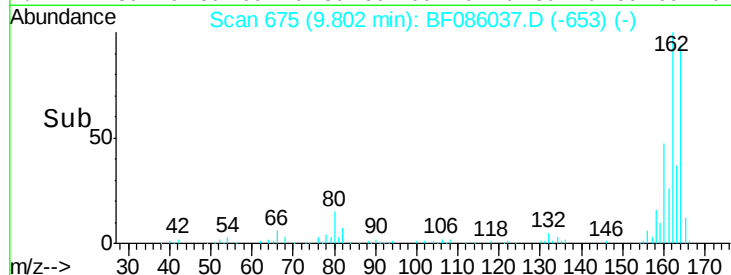
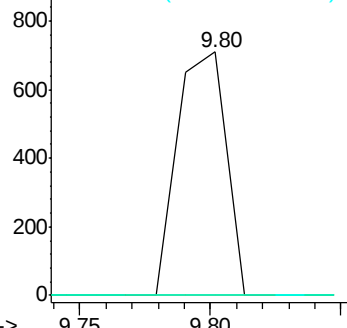
152 0.0 44.2 66.2#



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



#56

2,4-Dinitrotoluene

Concen: 6.24 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.21 min

Lab File: BF086037.D

Acq: 4 Apr 2016 14:35

Tgt Ion:165 Resp: 27452

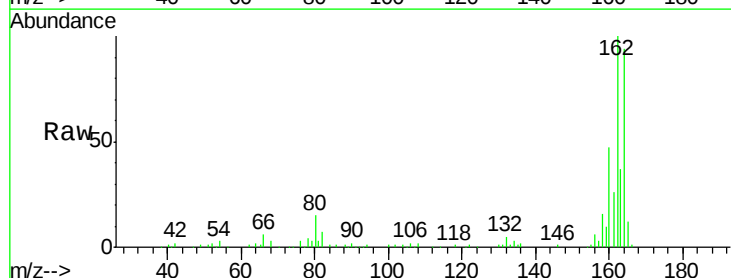
Ion Ratio Lower Upper

165 100

63 0.0 24.9 37.3#

89 1.9 41.0 61.6#

182 0.0 2.1 3.1#

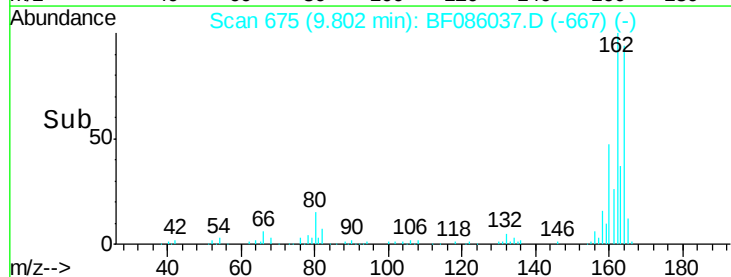
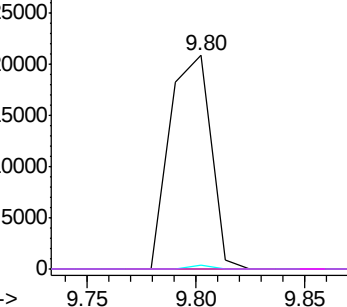


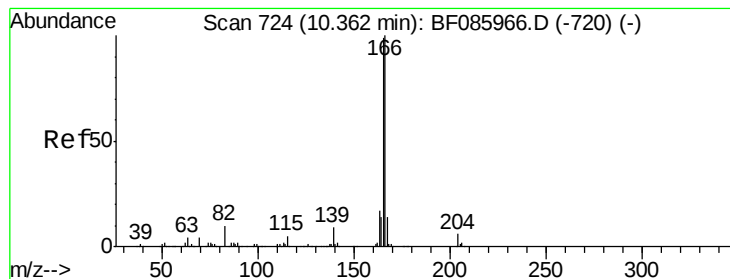
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 0.88 ng

RT: 10.59 min Scan# 744

Delta R.T. 0.23 min

Lab File: BF086037.D

Acq: 4 Apr 2016 14:35

Instrument :

BNA\_F

ClientSampleId :

PB89407BL

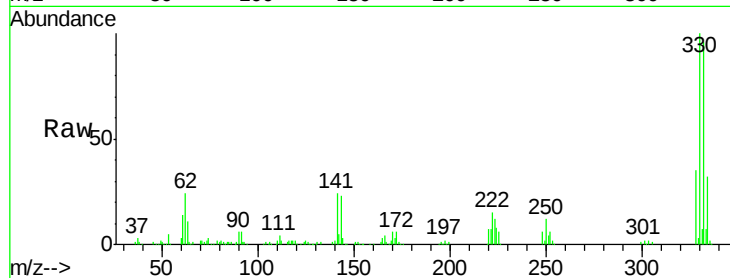
Tgt Ion:166 Resp: 13196

Ion Ratio Lower Upper

166 100

165 93.9 79.4 119.0

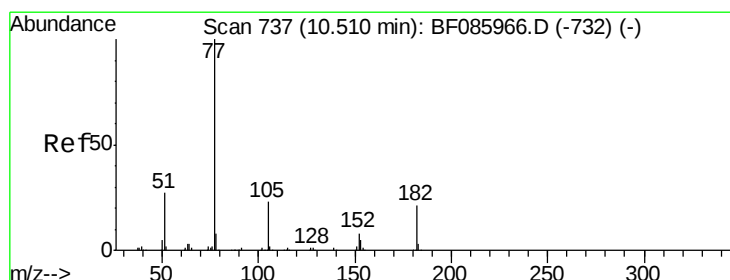
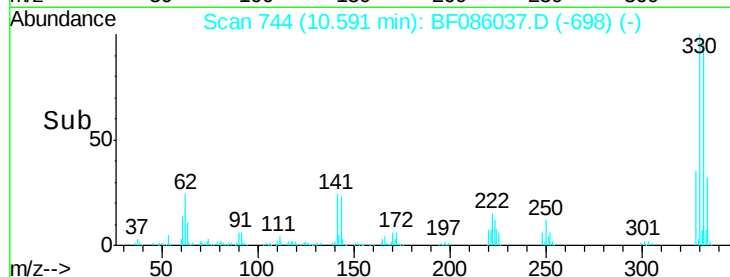
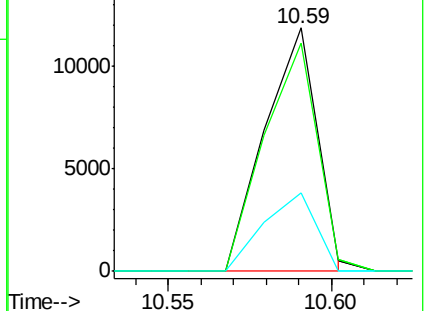
167 32.4 11.0 16.4#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#62

Azobenzene

Concen: 0.08 ng

RT: 10.58 min Scan# 743

Delta R.T. 0.07 min

Lab File: BF086037.D

Acq: 4 Apr 2016 14:35

Tgt Ion: 77 Resp: 1221

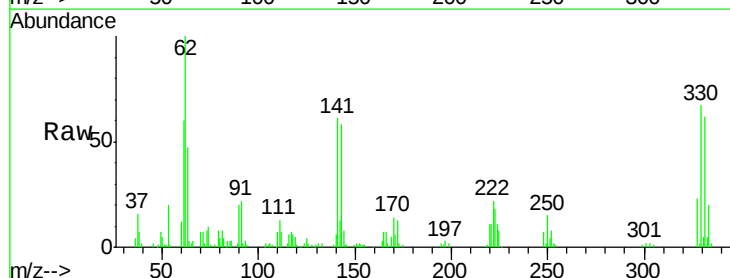
Ion Ratio Lower Upper

77 100

182 0.0 1.9 41.9#

105 95.3 3.5 43.5#

51 139.1 6.3 46.3#

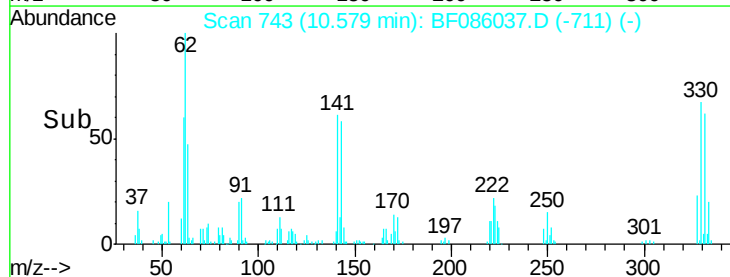
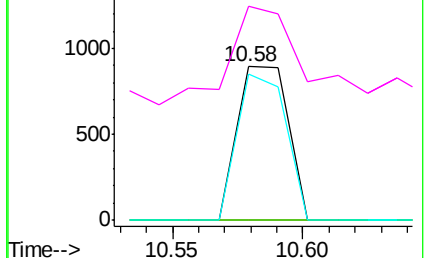


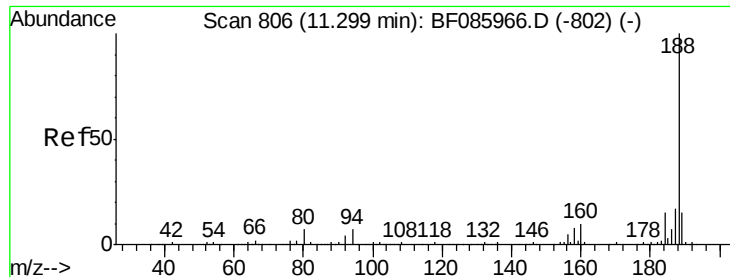
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.28 min Scan# 804

Delta R.T. -0.02 min

Lab File: BF086037.D

Acq: 4 Apr 2016 14:35

Instrument :

BNA\_F

ClientSampleId :

PB89407BL

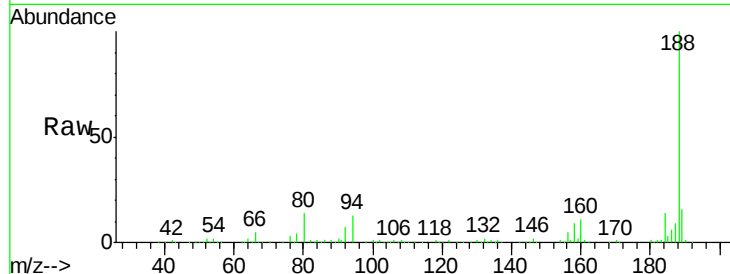
Tgt Ion:188 Resp: 446608

Ion Ratio Lower Upper

188 100

94 12.7 5.4 8.0#

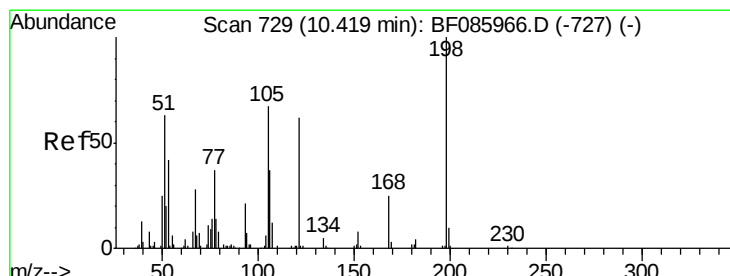
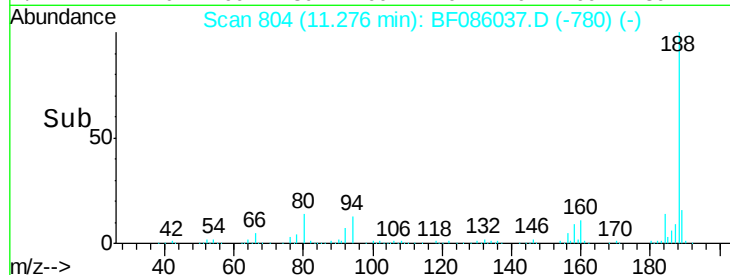
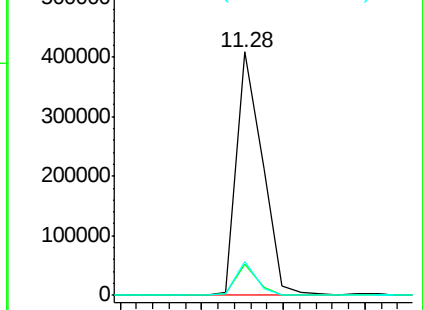
80 13.8 5.5 8.3#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 0.19 ng

RT: 10.59 min Scan# 744

Delta R.T. 0.17 min

Lab File: BF086037.D

Acq: 4 Apr 2016 14:35

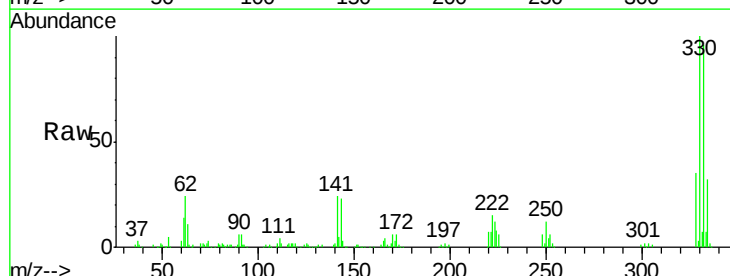
Tgt Ion:198 Resp: 525

Ion Ratio Lower Upper

198 100

51 157.1 45.4 85.4#

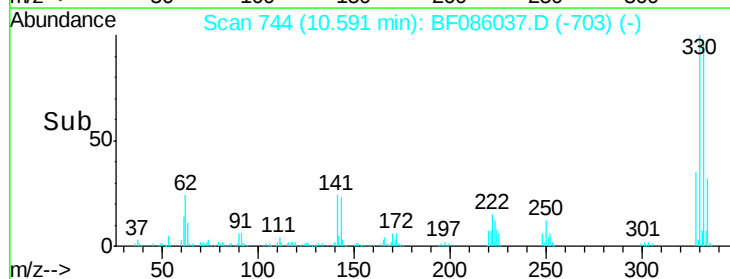
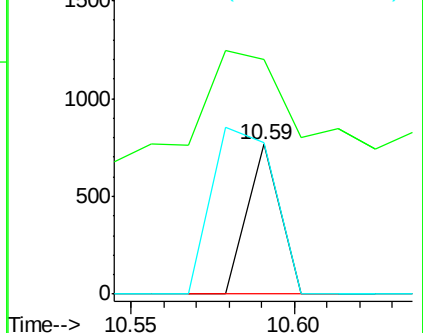
105 101.2 45.9 85.9#

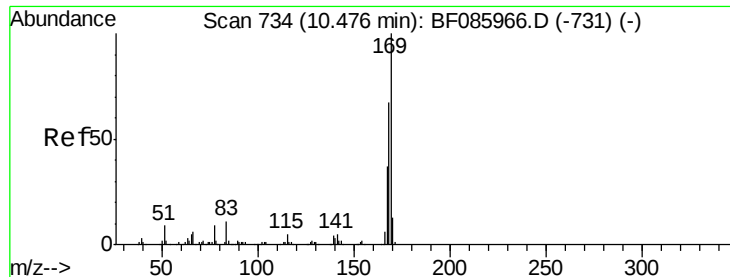


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

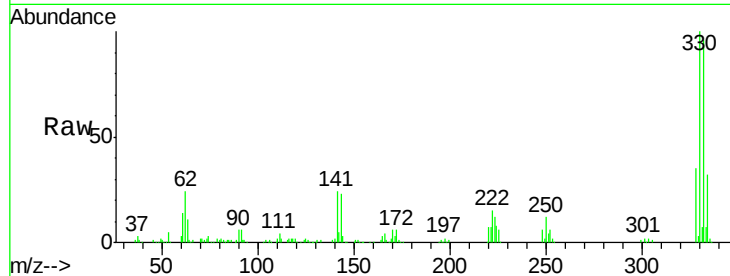




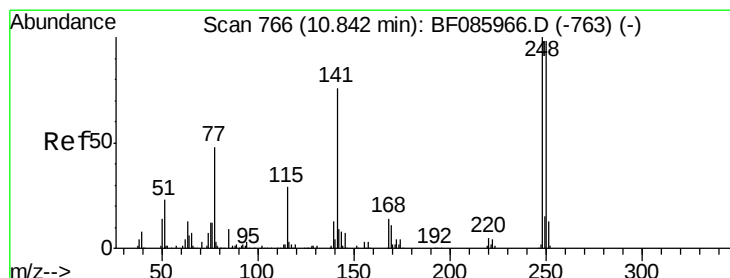
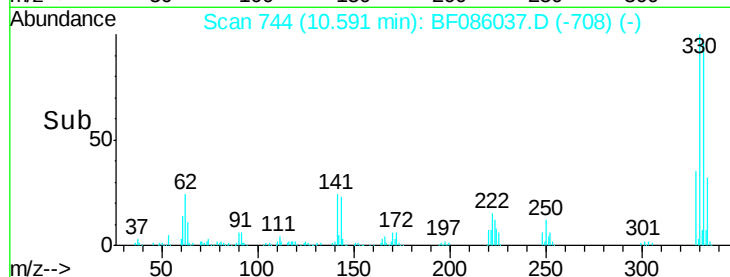
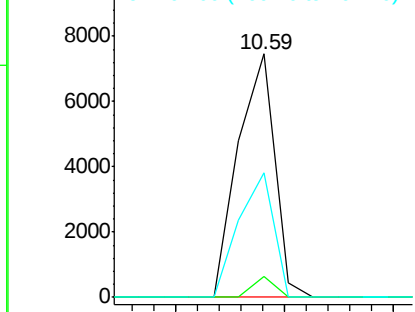
#65  
 n-Nitrosodiphenylamine  
 Concen: 0.62 ng  
 RT: 10.59 min Scan# 744  
 Delta R.T. 0.11 min  
 Lab File: BF086037.D  
 Acq: 4 Apr 2016 14:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB89407BL

Tgt Ion:169 Resp: 8719  
 Ion Ratio Lower Upper  
 169 100  
 168 8.8 54.4 81.6#  
 167 51.4 29.4 44.0#

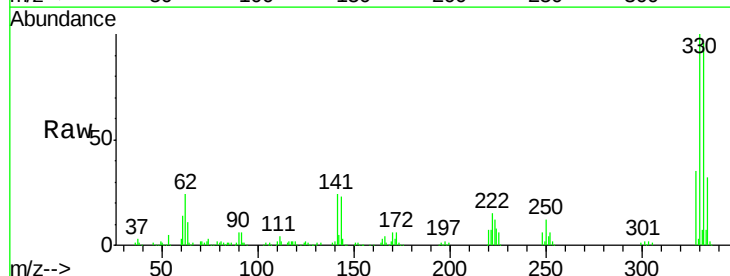


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

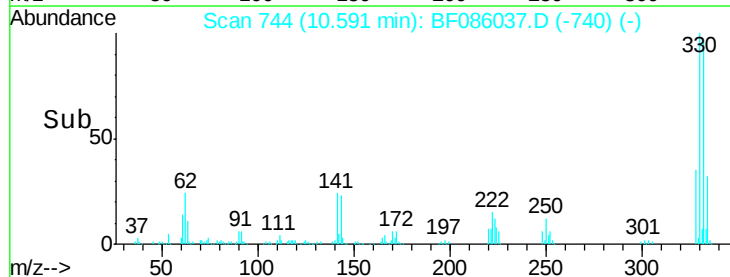
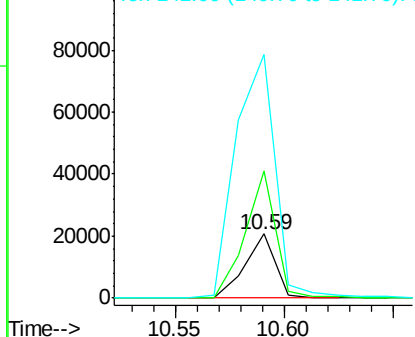


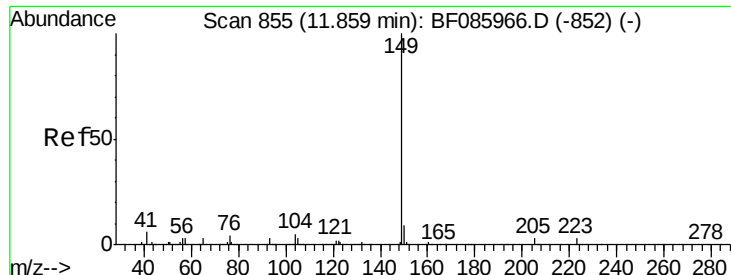
#66  
 4-Bromophenyl-phenylether  
 Concen: 4.33 ng  
 RT: 10.59 min Scan# 744  
 Delta R.T. -0.25 min  
 Lab File: BF086037.D  
 Acq: 4 Apr 2016 14:35

Tgt Ion:248 Resp: 19746  
 Ion Ratio Lower Upper  
 248 100  
 250 198.3 77.4 116.0#  
 141 379.7 63.6 95.4#



Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E





#73

Di-n-butylphthalate

Concen: 0.08 ng

RT: 11.85 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF086037.D

Acq: 4 Apr 2016 14:35

Instrument :

BNA\_F

ClientSampleId :

PB89407BL

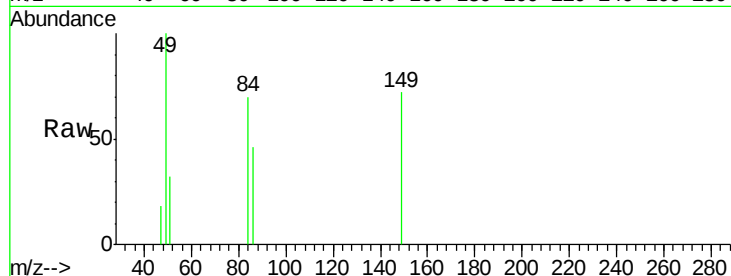
Tgt Ion:149 Resp: 2044

Ion Ratio Lower Upper

149 100

150 0.0 7.6 11.4#

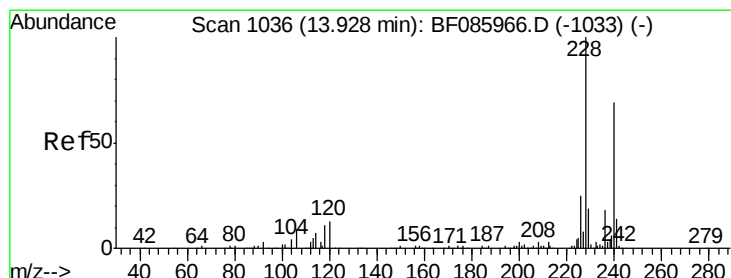
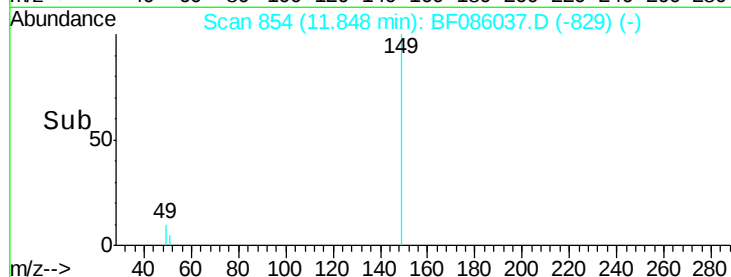
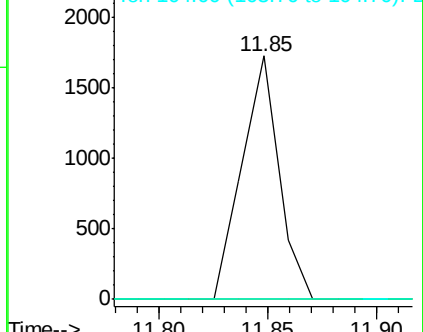
104 0.0 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF086037.D

Acq: 4 Apr 2016 14:35

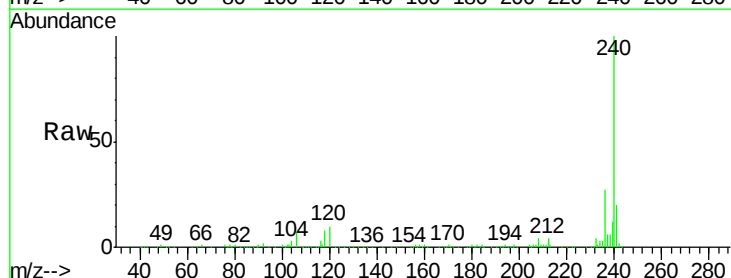
Tgt Ion:240 Resp: 403720

Ion Ratio Lower Upper

240 100

120 9.9 13.8 20.8#

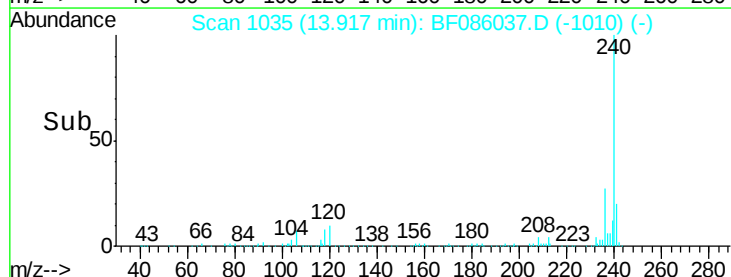
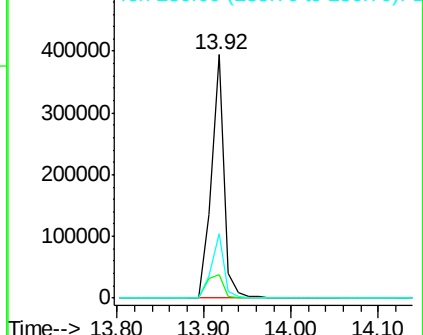
236 26.6 20.6 30.8

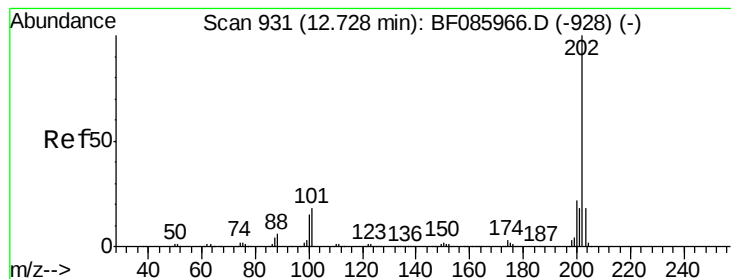


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 0.14 ng

RT: 12.87 min Scan# 943

Delta R.T. 0.14 min

Lab File: BF086037.D

Acq: 4 Apr 2016 14:35

Instrument :

BNA\_F

ClientSampleId :

PB89407BL

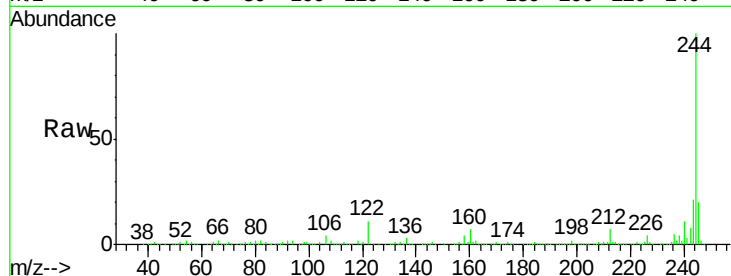
Tgt Ion:202 Resp: 3923

Ion Ratio Lower Upper

202 100

200 47.4 17.6 26.4#

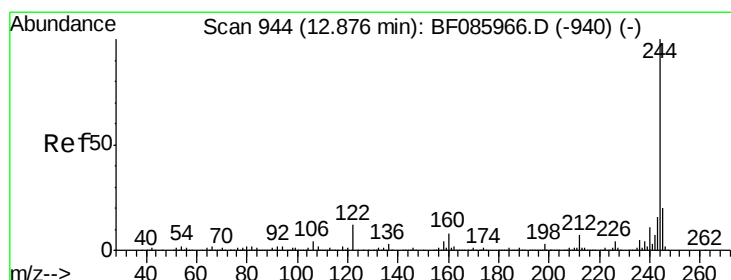
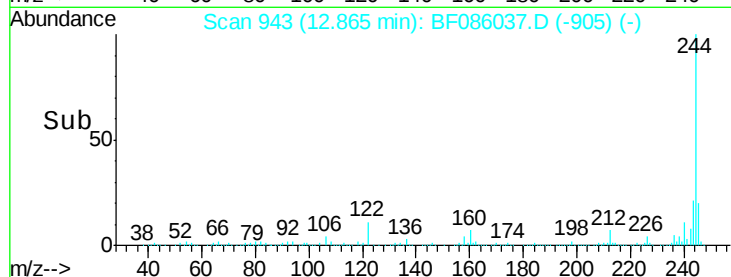
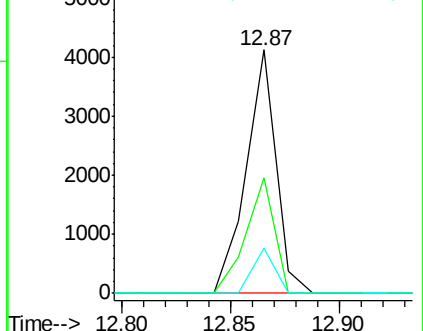
203 18.4 14.0 21.0



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



#78

Terphenyl-d14

Concen: 67.92 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF086037.D

Acq: 4 Apr 2016 14:35

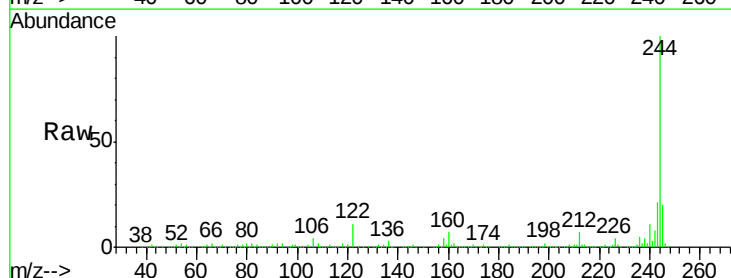
Tgt Ion:244 Resp: 1166551

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

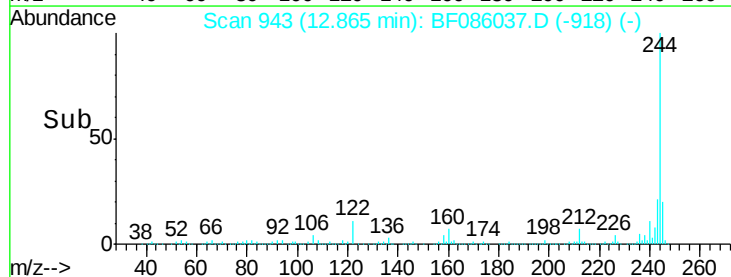
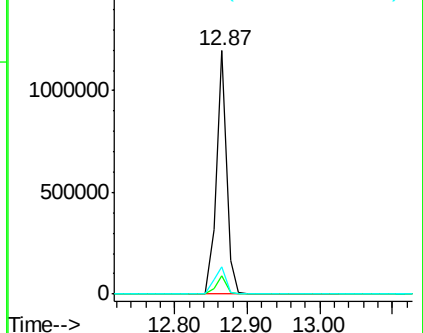
122 11.1 10.2 15.4

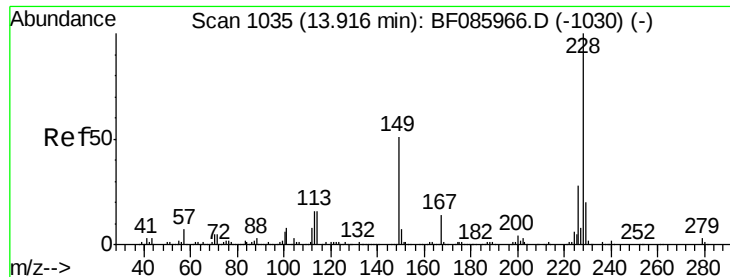


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 0.04 ng

RT: 13.92 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF086037.D

Acq: 4 Apr 2016 14:35

Instrument :

BNA\_F

ClientSampleId :

PB89407BL

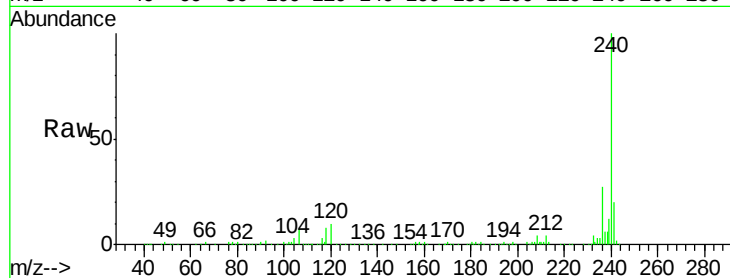
Tgt Ion:228 Resp: 1022

Ion Ratio Lower Upper

228 100

226 0.0 22.1 33.1#

229 0.0 16.2 24.4#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

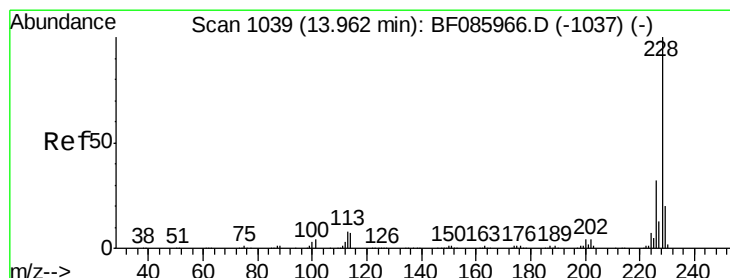
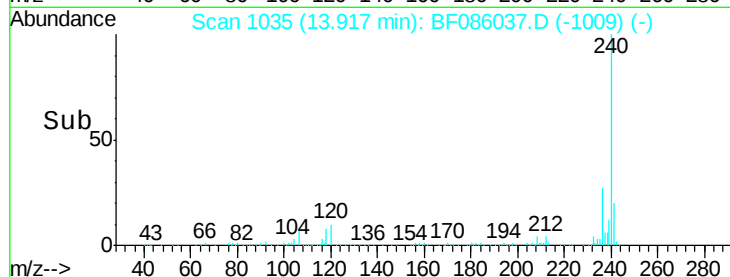
13.92

1000

500

0

Time-->



#82

Chrysene

Concen: 0.04 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.05 min

Lab File: BF086037.D

Acq: 4 Apr 2016 14:35

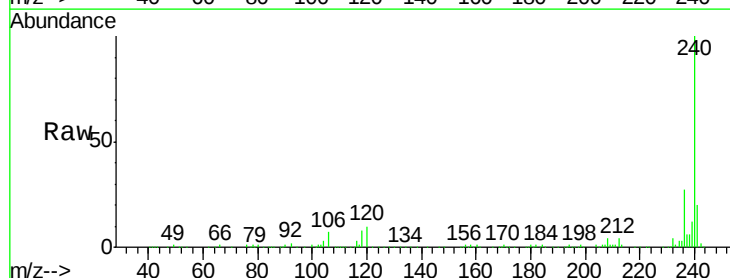
Tgt Ion:228 Resp: 1022

Ion Ratio Lower Upper

228 100

226 0.0 25.0 37.6#

229 0.0 15.7 23.5#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

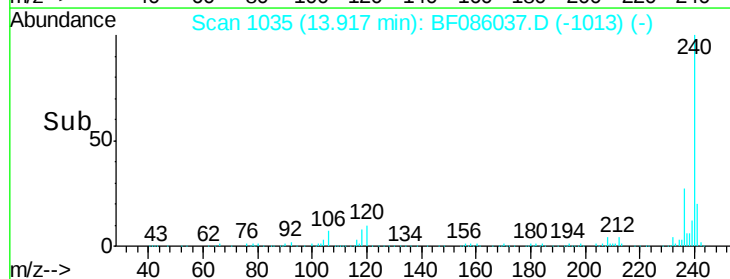
13.92

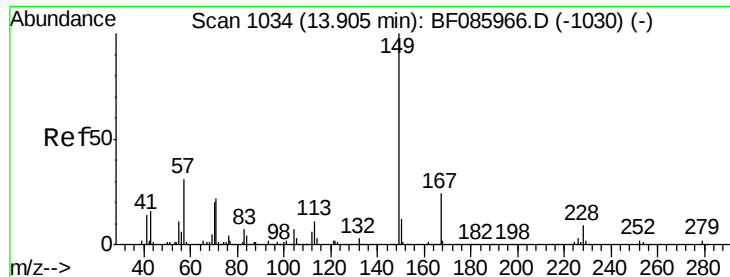
1000

500

0

Time-->





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.04 ng

RT: 13.79 min Scan# 1024

Delta R.T. -0.11 min

Lab File: BF086037.D

Acq: 4 Apr 2016 14:35

Instrument :

BNA\_F

ClientSampleId :

PB89407BL

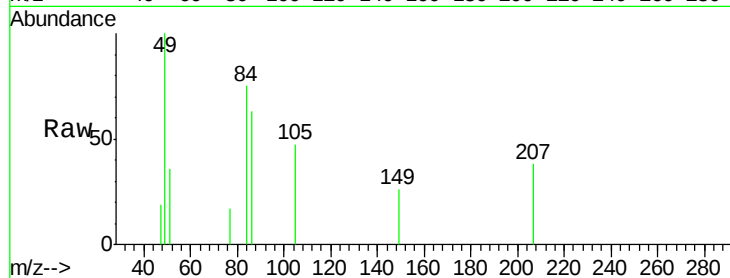
Tgt Ion:149 Resp: 644

Ion Ratio Lower Upper

149 100

167 0.0 19.4 29.2#

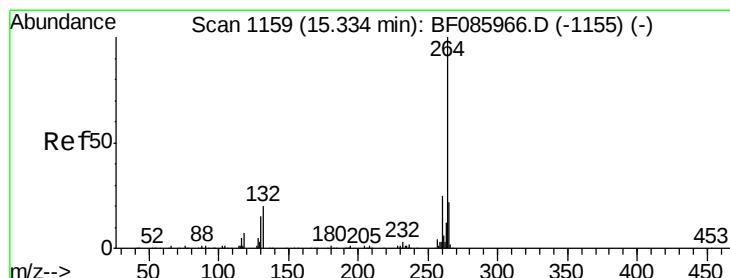
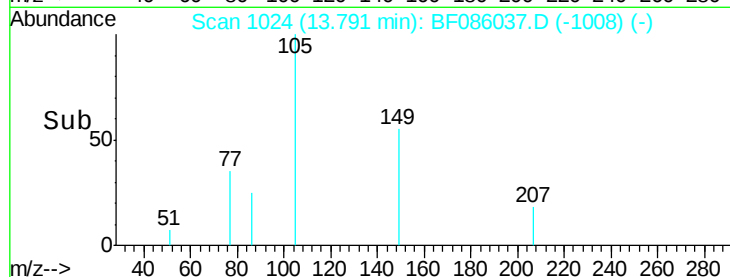
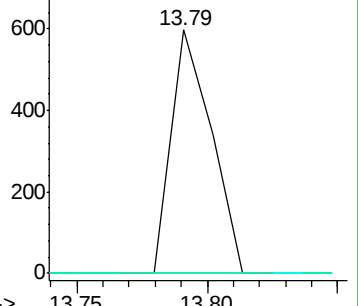
279 0.0 1.5 2.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.31 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BF086037.D

Acq: 4 Apr 2016 14:35

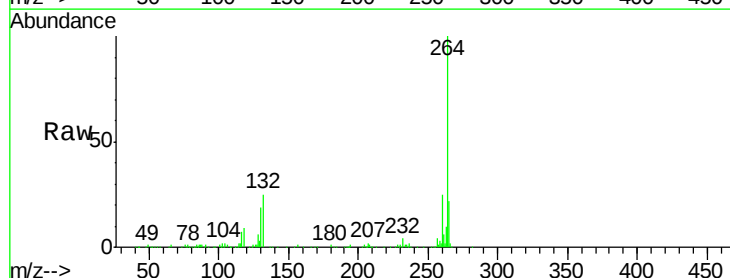
Tgt Ion:264 Resp: 339575

Ion Ratio Lower Upper

264 100

260 24.8 19.4 29.2

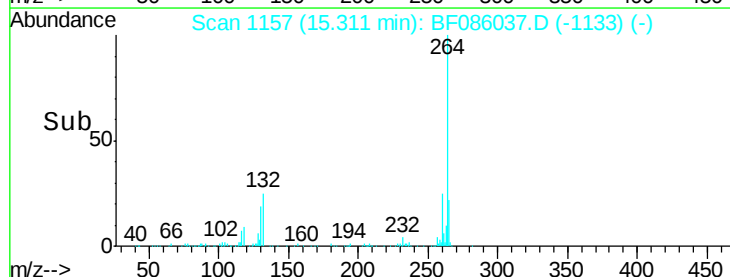
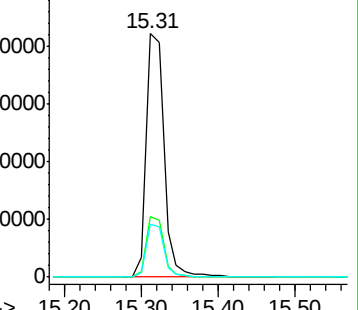
265 21.7 17.2 25.8

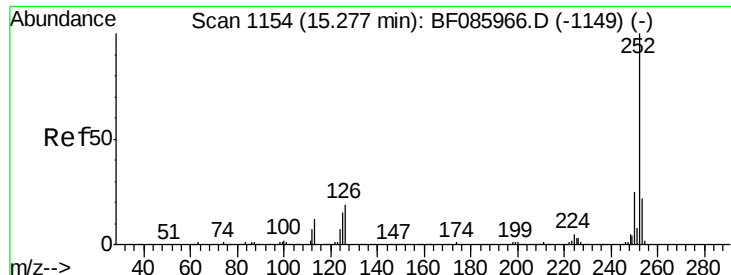


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#89

Benzo(a)pyrene

Concen: 0.05 ng

RT: 15.32 min Scan# 1158

Delta R.T. 0.05 min

Lab File: BF086037.D

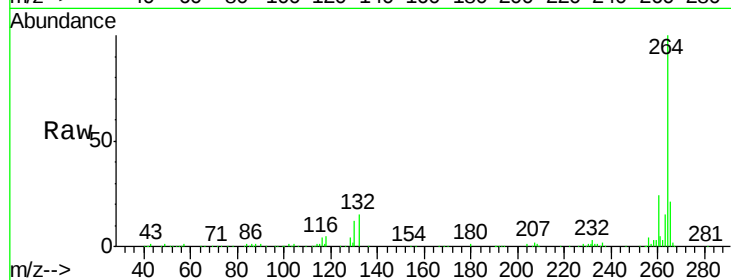
Acq: 4 Apr 2016 14:35

Instrument :

BNA\_F

ClientSampleId :

PB89407BL



Tgt Ion:252 Resp: 977

Ion Ratio Lower Upper

252 100

253 0.0 17.4 26.0#

125 0.0 10.3 15.5#

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

