

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090415\  
 Data File : BF081433.D  
 Acq On : 4 Sep 2015 22:26  
 Operator : UM/IZ  
 Sample : G3526-05MS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-11(5-7)MS

Quant Time: Sep 07 01:09:30 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 07 01:02:00 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.36  | 152  | 60589    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.64  | 136  | 233672   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 9.39  | 164  | 113336   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 10.86 | 188  | 214255   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.46 | 240  | 156187   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 14.77 | 264  | 112035   | 20.00 | ng    | 0.00     |

|                             |       |     |        |        |    |       |
|-----------------------------|-------|-----|--------|--------|----|-------|
| System Monitoring Compounds |       |     |        |        |    |       |
| 5) 2-Fluorophenol           | 4.91  | 112 | 449967 | 115.22 | ng | 0.01  |
| 7) Phenol-d6                | 6.03  | 99  | 573188 | 110.89 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 6.94  | 82  | 365902 | 75.55  | ng | -0.01 |
| 41) 2,4,6-Tribromophenol    | 10.18 | 330 | 107145 | 106.17 | ng | 0.00  |
| 44) 2-Fluorobiphenyl        | 8.73  | 172 | 561002 | 63.43  | ng | -0.01 |
| 78) Terphenyl-d14           | 12.43 | 244 | 460848 | 68.69  | ng | -0.01 |

|                                |      |     |        |       |    |        |
|--------------------------------|------|-----|--------|-------|----|--------|
| Target Compounds               |      |     |        |       |    | Qvalue |
| 2) 1,4-Dioxane                 | 1.74 | 88  | 55724  | 31.77 | ng | # 89   |
| 3) Pyridine                    | 2.27 | 79  | 173332 | 35.84 | ng | # 92   |
| 4) n-Nitrosodimethylamine      | 2.24 | 42  | 107579 | 40.04 | ng | # 77   |
| 6) Aniline                     | 6.02 | 93  | 167154 | 22.90 | ng | # 78   |
| 8) 2-Chlorophenol              | 6.15 | 128 | 169408 | 39.37 | ng | # 89   |
| 9) Benzaldehyde                | 5.90 | 77  | 21010  | 6.49  | ng | # 75   |
| 10) Phenol                     | 6.04 | 94  | 218633 | 36.47 | ng | # 49   |
| 11) bis(2-Chloroethyl)ether    | 6.11 | 93  | 172657 | 39.92 | ng | # 86   |
| 12) 1,3-Dichlorobenzene        | 6.30 | 146 | 173272 | 37.69 | ng | # 90   |
| 13) 1,4-Dichlorobenzene        | 6.38 | 146 | 170472 | 36.41 | ng | # 88   |
| 14) 1,2-Dichlorobenzene        | 6.52 | 146 | 144252 | 34.22 | ng | # 86   |
| 15) Benzyl Alcohol             | 6.52 | 79  | 154972 | 36.55 | ng | # 70   |
| 16) 2,2'-oxybis(1-Chloropropan | 6.66 | 45  | 343518 | 41.44 | ng | # 2    |
| 17) 2-Methylphenol             | 6.66 | 107 | 138987 | 40.48 | ng | # 77   |
| 18) Hexachloroethane           | 6.87 | 117 | 65053  | 35.72 | ng | # 93   |
| 19) n-Nitroso-di-n-propylamine | 6.80 | 70  | 129328 | 36.76 | ng | # 88   |
| 20) 3+4-Methylphenols          | 6.82 | 107 | 181585 | 39.22 | ng | # 89   |
| 22) Acetophenone               | 6.79 | 105 | 245515 | 38.47 | ng | # 75   |
| 24) Nitrobenzene               | 6.96 | 77  | 219140 | 43.57 | ng | # 67   |
| 25) Isophorone                 | 7.20 | 82  | 340380 | 37.78 | ng | # 81   |
| 26) 2-Nitrophenol              | 7.28 | 139 | 90580  | 41.32 | ng | # 61   |
| 27) 2,4-Dimethylphenol         | 7.34 | 122 | 131004 | 34.60 | ng | # 75   |
| 28) bis(2-Chloroethoxy)methane | 7.43 | 93  | 196742 | 37.81 | ng | # 91   |
| 29) 2,4-Dichlorophenol         | 7.53 | 162 | 130972 | 39.89 | ng | # 97   |
| 30) 1,2,4-Trichlorobenzene     | 7.60 | 180 | 136955 | 38.40 | ng | # 97   |
| 31) Naphthalene                | 7.67 | 128 | 436178 | 35.00 | ng | # 98   |
| 32) Benzoic acid               | 7.45 | 122 | 14445  | 7.60  | ng | # 63   |
| 33) 4-Chloroaniline            | 7.74 | 127 | 96667  | 19.02 | ng | # 84   |
| 34) Hexachlorobutadiene        | 7.79 | 225 | 76705  | 35.34 | ng | # 98   |
| 35) Caprolactam                | 8.11 | 113 | 25430  | 25.25 | ng | # 45   |
| 36) 4-Chloro-3-methylphenol    | 8.25 | 107 | 153830 | 41.86 | ng | # 84   |
| 37) 2-Methylnaphthalene        | 8.36 | 142 | 316487 | 39.03 | ng | # 91   |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.52 | 216 | 115883 | 32.33 | ng | # 98   |
| 40) Hexachlorocyclopentadiene  | 8.51 | 237 | 108992 | 61.96 | ng | # 94   |

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 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

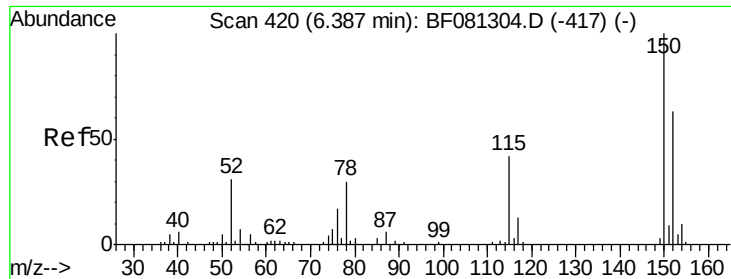
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-11(5-7)MS

Quant Time: Sep 07 01:09:30 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 07 01:02:00 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 8.65  | 196  | 85920    | 34.73 | nq    | 99       |
| 43) 2,4,5-Trichlorophenol      | 8.70  | 196  | 86483    | 34.27 | nq    | # 81     |
| 45) 1,1'-Biphenyl              | 8.83  | 154  | 345961   | 33.18 | nq    | 95       |
| 46) 2-Chloronaphthalene        | 8.84  | 162  | 274960   | 36.52 | nq    | # 90     |
| 47) 2-Nitroaniline             | 8.96  | 65   | 113724   | 37.06 | nq    | 85       |
| 48) Acenaphthylene             | 9.26  | 152  | 443944   | 33.23 | nq    | 98       |
| 49) Dimethylphthalate          | 9.15  | 163  | 416465   | 47.30 | nq    | # 97     |
| 50) 2,6-Dinitrotoluene         | 9.20  | 165  | 61305    | 30.67 | nq    | # 11     |
| 51) Acenaphthene               | 9.43  | 154  | 263677   | 34.70 | nq    | 89       |
| 52) 3-Nitroaniline             | 9.36  | 138  | 51321    | 22.56 | nq    | # 31     |
| 53) 2,4-Dinitrophenol          | 9.47  | 184  | 30776    | 36.56 | nq    | # 21     |
| 54) Dibenzofuran               | 9.60  | 168  | 391362   | 35.27 | nq    | 92       |
| 55) 4-Nitrophenol              | 9.56  | 139  | 108157   | 75.67 | nq    | # 53     |
| 56) 2,4-Dinitrotoluene         | 9.60  | 165  | 83736    | 32.91 | nq    | # 27     |
| 57) Fluorene                   | 9.93  | 166  | 287226   | 34.11 | nq    | 96       |
| 58) 2,3,4,6-Tetrachlorophenol  | 9.72  | 232  | 73487    | 38.14 | nq    | 94       |
| 59) Diethylphthalate           | 9.84  | 149  | 323341   | 34.91 | nq    | 95       |
| 60) 4-Chlorophenyl-phenylether | 9.94  | 204  | 142061   | 36.20 | nq    | 97       |
| 61) 4-Nitroaniline             | 9.98  | 138  | 80144    | 34.87 | nq    | # 37     |
| 62) Azobenzene                 | 10.09 | 77   | 368396   | 35.77 | nq    | # 80     |
| 64) 4,6-Dinitro-2-methylphenol | 10.01 | 198  | 38552    | 32.17 | nq    | # 73     |
| 65) n-Nitrosodiphenylamine     | 10.06 | 169  | 242280   | 31.08 | nq    | 91       |
| 66) 4-Bromophenyl-phenylether  | 10.42 | 248  | 77398    | 35.73 | nq    | 95       |
| 67) Hexachlorobenzene          | 10.48 | 284  | 75112    | 33.16 | nq    | # 76     |
| 68) Atrazine                   | 10.59 | 200  | 78459    | 34.78 | nq    | # 82     |
| 69) Pentachlorophenol          | 10.67 | 266  | 74501    | 68.92 | nq    | 99       |
| 70) Phenanthrene               | 10.88 | 178  | 420923   | 35.34 | nq    | 97       |
| 71) Anthracene                 | 10.92 | 178  | 396145   | 32.37 | nq    | 97       |
| 72) Carbazole                  | 11.10 | 167  | 436377   | 38.00 | nq    | 96       |
| 73) Di-n-butylphthalate        | 11.45 | 149  | 519362   | 38.30 | nq    | # 98     |
| 74) Fluoranthene               | 12.04 | 202  | 410144   | 31.81 | nq    | 93       |
| 76) Benzidine                  | 12.19 | 184  | 115788   | 17.27 | nq    | 98       |
| 77) Pyrene                     | 12.27 | 202  | 469220   | 40.56 | nq    | 98       |
| 79) Butylbenzylphthalate       | 12.93 | 149  | 196852   | 39.12 | nq    | 93       |
| 80) Benzo(a)anthracene         | 13.45 | 228  | 345729   | 34.76 | nq    | 97       |
| 81) 3,3'-Dichlorobenzidine     | 13.43 | 252  | 72134    | 21.50 | nq    | # 96     |
| 82) Chrysene                   | 13.49 | 228  | 273293   | 30.65 | nq    | 95       |
| 83) Bis(2-ethylhexyl)phthalate | 13.49 | 149  | 232501   | 35.01 | nq    | # 87     |
| 84) Di-n-octyl phthalate       | 14.09 | 149  | 350580   | 32.06 | nq    | 97       |
| 85) Indeno(1,2,3-cd)pyrene     | 15.84 | 276  | 258593   | 39.53 | nq    | # 90     |
| 87) Benzo(b)fluoranthene       | 14.47 | 252  | 517435   | 64.69 | nq    | # 84     |
| 88) Benzo(k)fluoranthene       | 14.47 | 252  | 517435   | 77.96 | nq    | # 85     |
| 89) Benzo(a)pyrene             | 14.72 | 252  | 240685   | 35.51 | nq    | # 86     |
| 90) Dibenzo(a,h)anthracene     | 15.85 | 278  | 211941   | 40.47 | nq    | # 82     |
| 91) Benzo(g,h,i)perylene       | 16.16 | 276  | 218346   | 43.68 | nq    | # 74     |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF081433.D

Acq: 4 Sep 2015 22:26

Instrument :

BNA\_F

ClientSampleId :

SB-11(5-7)MS

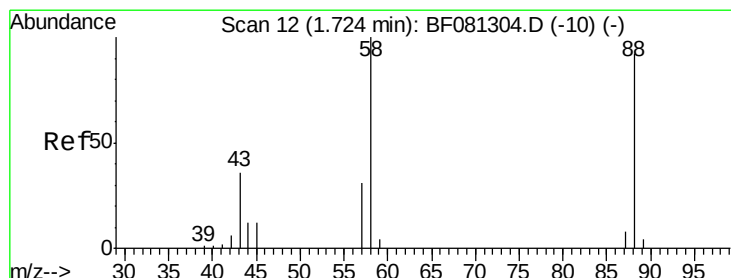
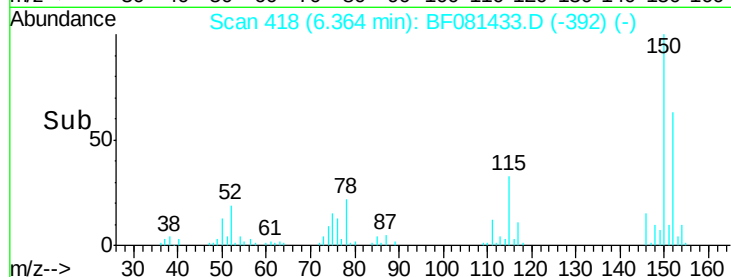
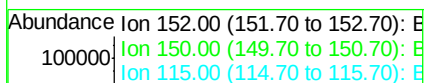
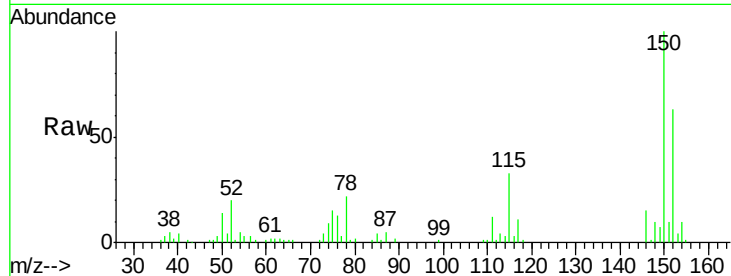
Tot Ion:152 Resp: 60589

Ion Ratio Lower Upper

152 100

150 159.6 124.7 187.1

115 52.4 39.0 58.4



#2

1,4-Dioxane

Concen: 31.77 ng

RT: 1.74 min Scan# 13

Delta R.T. 0.06 min

Lab File: BF081433.D

Acq: 4 Sep 2015 22:26

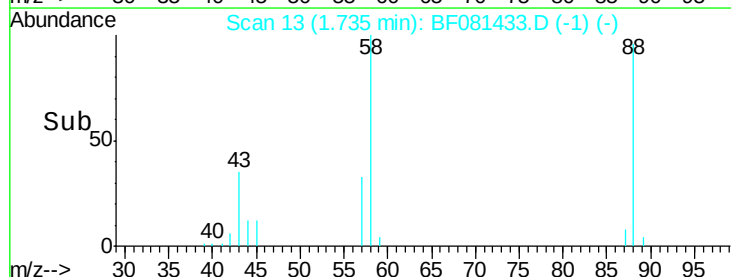
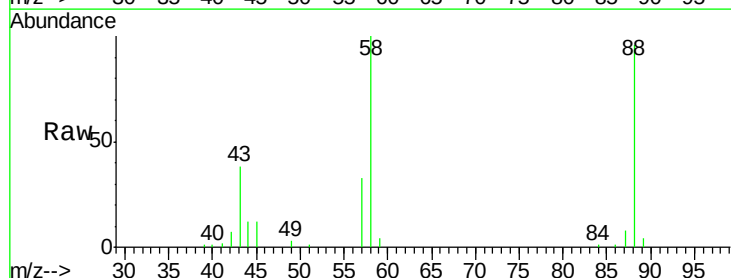
Tgt Ion: 88 Resp: 55724

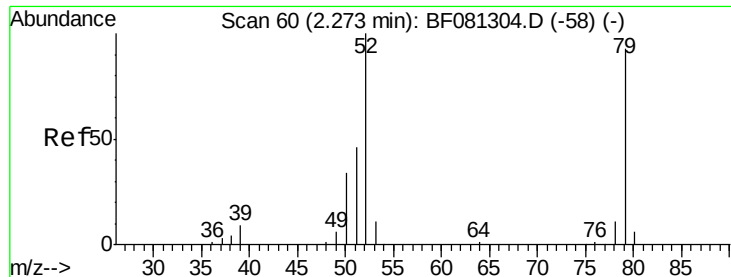
Ion Ratio Lower Upper

88 100

58 105.1 77.7 116.5

43 43.2 26.6 40.0#





#3

Pvridine

Concen: 35.84 ng

RT: 2.27 min Scan# 60

Delta R.T. 0.05 min

Lab File: BF081433.D

Acq: 4 Sep 2015 22:26

Instrument :

BNA\_F

ClientSampleId :

SB-11(5-7)MS

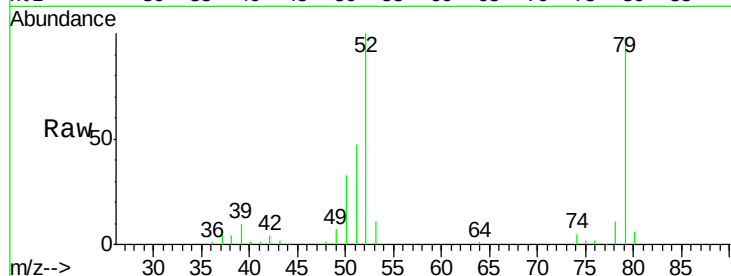
Tot Ion: 79 Resp: 173332

Ion Ratio Lower Upper

79 100

52 102.1 76.8 115.2

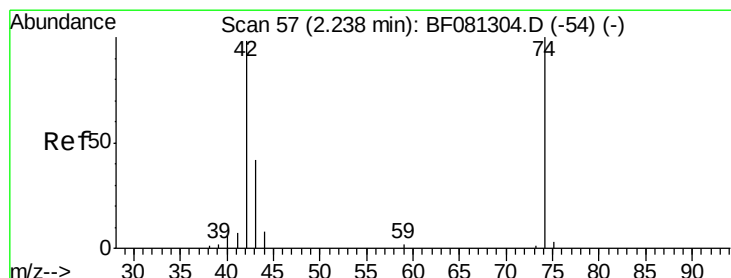
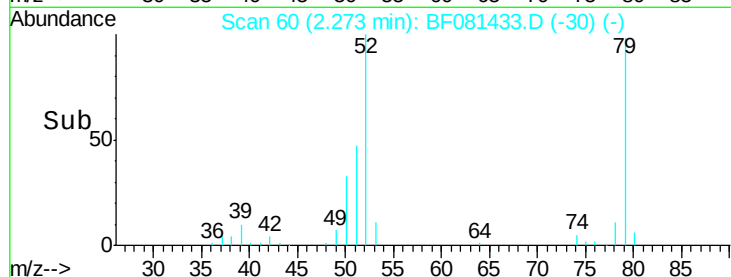
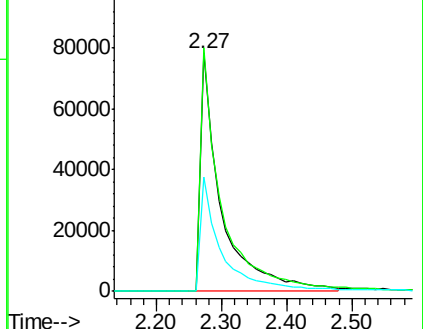
51 48.2 32.2 48.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 40.04 ng

RT: 2.24 min Scan# 57

Delta R.T. 0.05 min

Lab File: BF081433.D

Acq: 4 Sep 2015 22:26

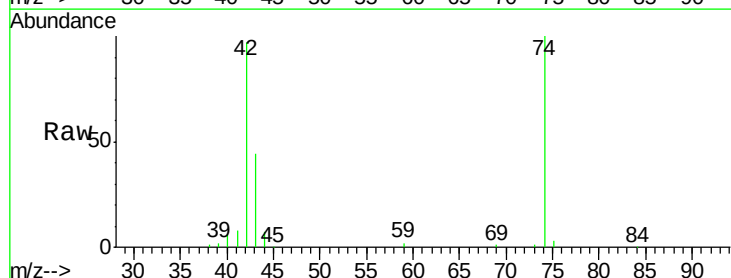
Tgt Ion: 42 Resp: 107579

Ion Ratio Lower Upper

42 100

74 103.2 105.0 157.6#

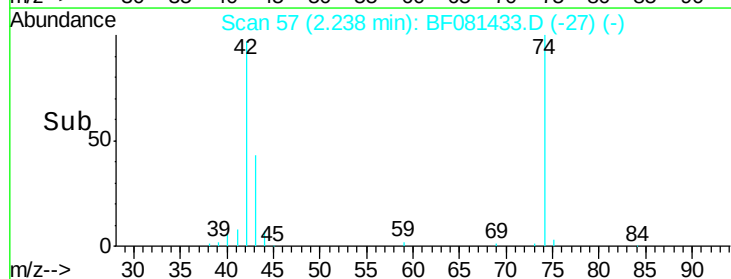
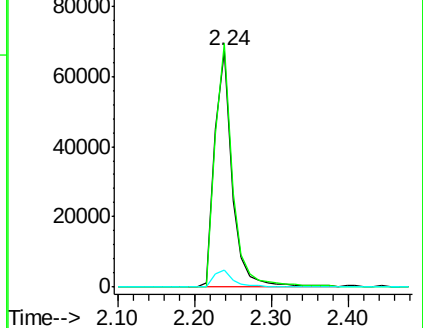
44 7.2 6.6 10.0

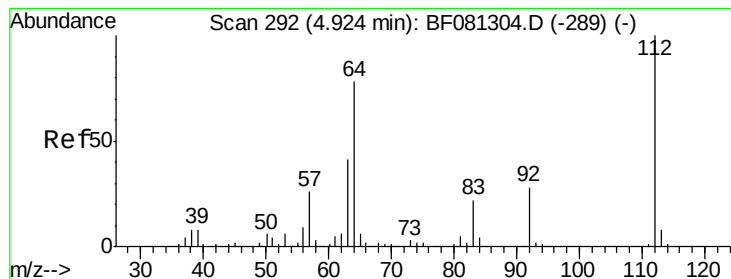


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 115.22 ng

RT: 4.91 min Scan# 291

Delta R.T. 0.01 min

Lab File: BF081433.D

Acq: 4 Sep 2015 22:26

Instrument :

BNA\_F

ClientSampleId :

SB-11(5-7)MS

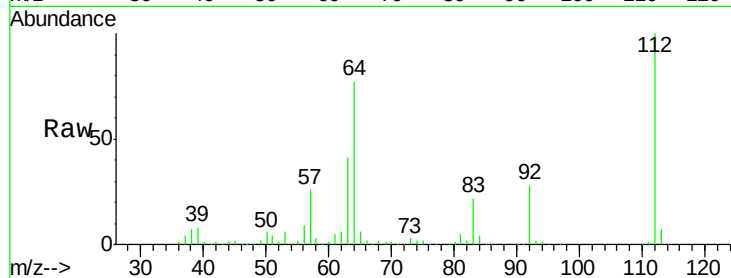
Tot Ion:112 Resp: 449967

Ion Ratio Lower Upper

112 100

64 76.9 39.7 59.5#

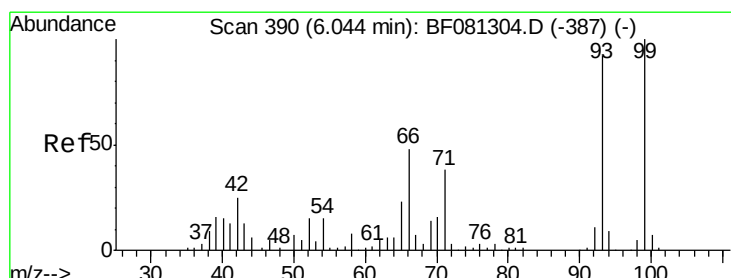
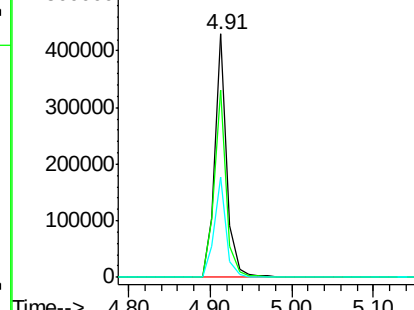
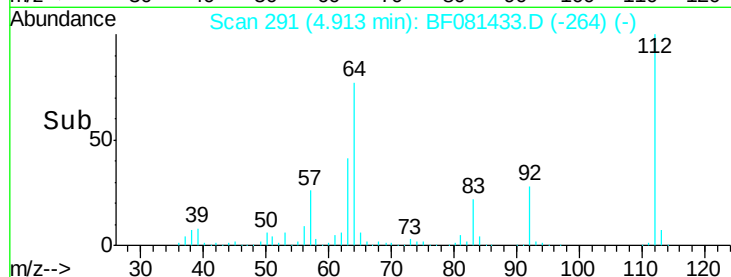
63 41.1 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.90 ng

RT: 6.02 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081433.D

Acq: 4 Sep 2015 22:26

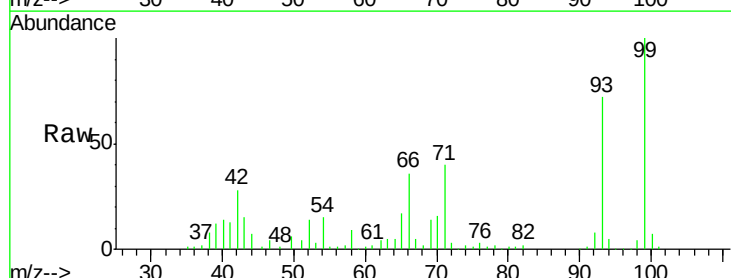
Tgt Ion: 93 Resp: 167154

Ion Ratio Lower Upper

93 100

66 49.9 27.2 40.8#

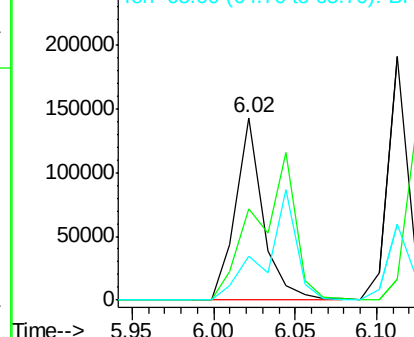
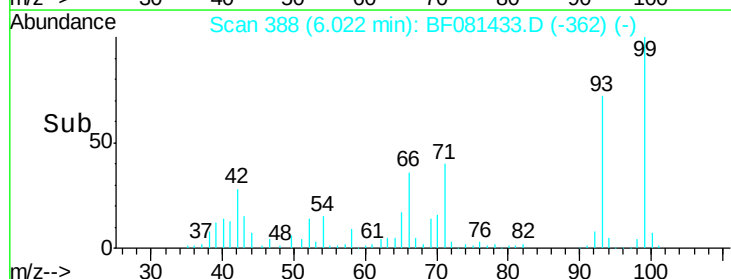
65 23.8 14.7 22.1#

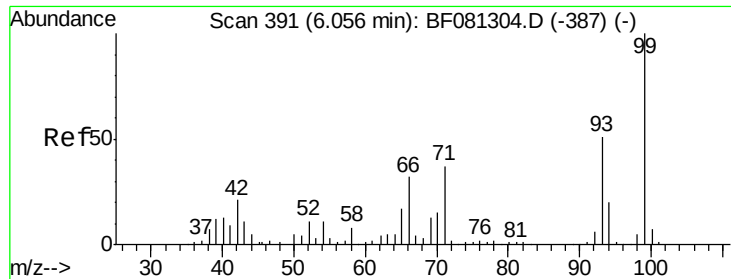


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 110.89 ng

RT: 6.03 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF081433.D

Acq: 4 Sep 2015 22:26

Instrument :

BNA\_F

ClientSampleId :

SB-11(5-7)MS

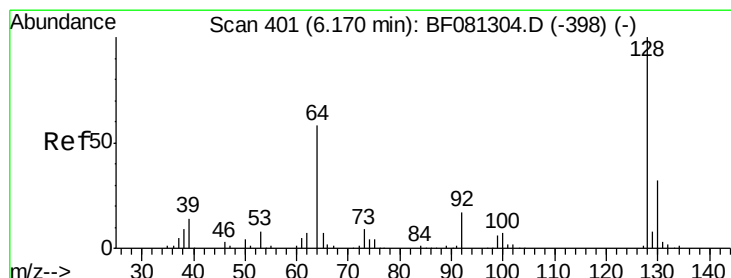
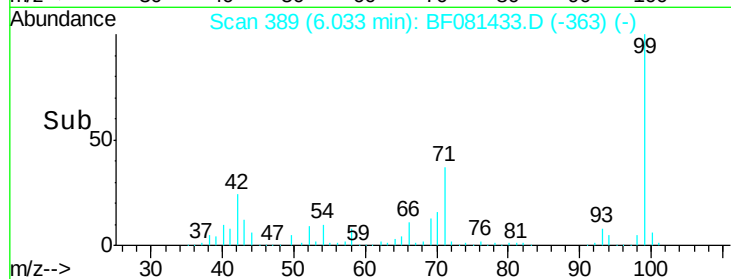
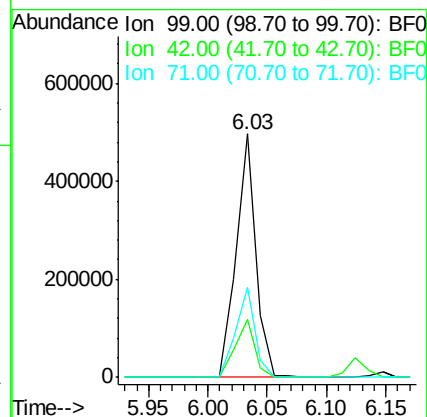
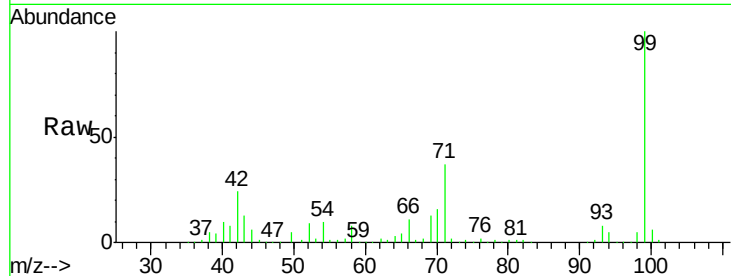
Tot Ion: 99 Resp: 573188

Ion Ratio Lower Upper

99 100

42 24.0 13.7 20.5#

71 37.0 14.2 21.2#



#8

2-Chlorophenol

Concen: 39.37 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF081433.D

Acq: 4 Sep 2015 22:26

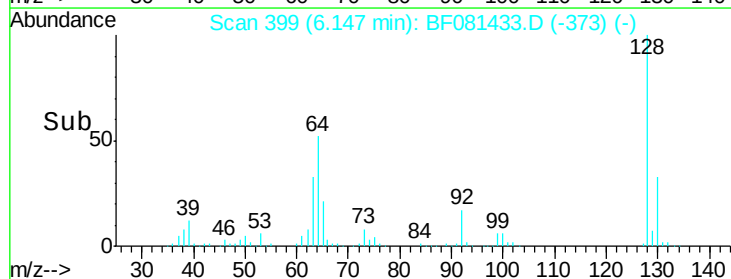
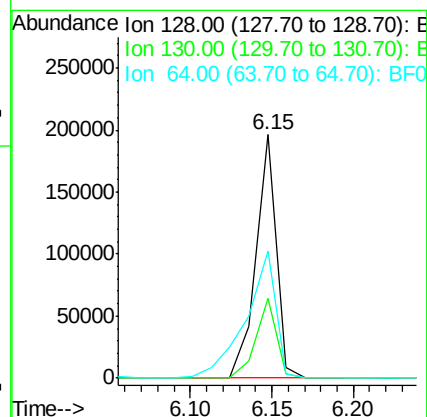
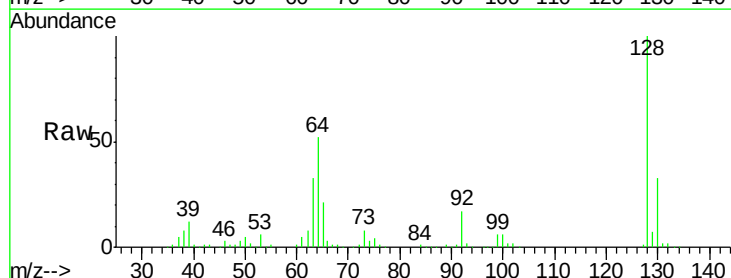
Tgt Ion: 128 Resp: 169408

Ion Ratio Lower Upper

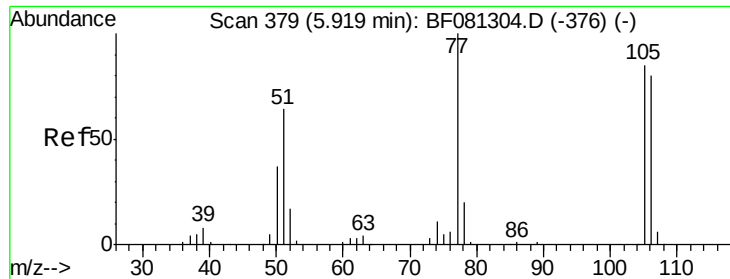
128 100

130 32.8 12.2 52.2

64 52.1 20.5 60.5



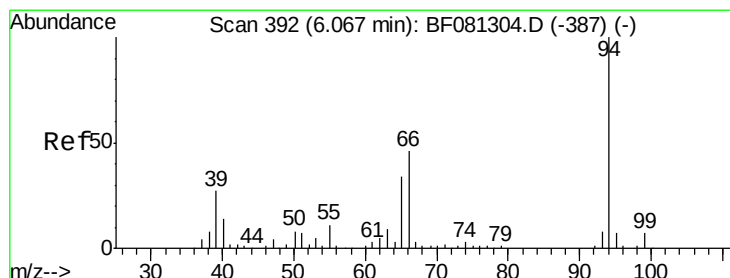
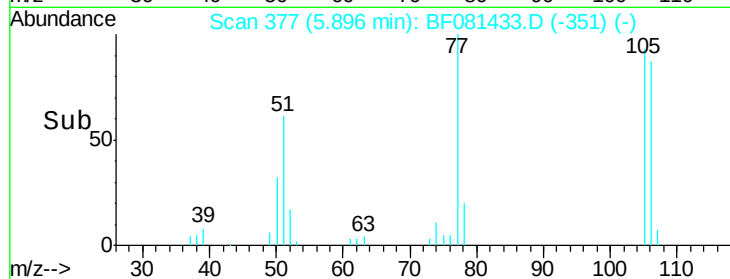
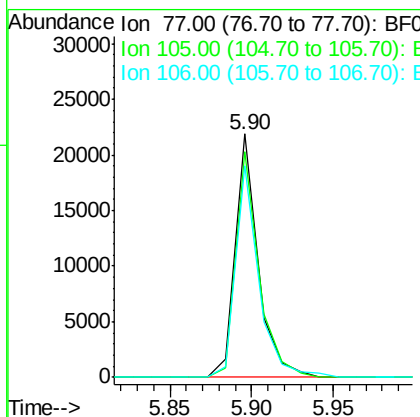
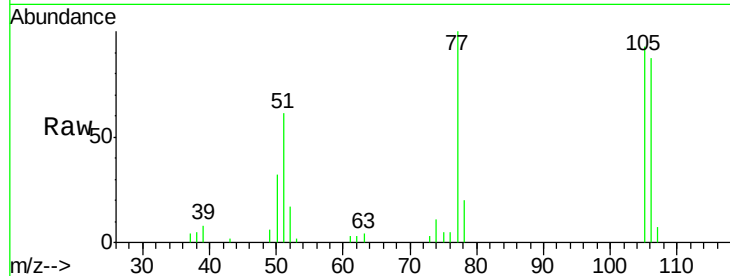




#9  
Benzaldehyde  
Concen: 6.49 ng  
RT: 5.90 min Scan# 377  
Delta R.T. 0.00 min  
Lab File: BF081433.D  
Acq: 4 Sep 2015 22:26

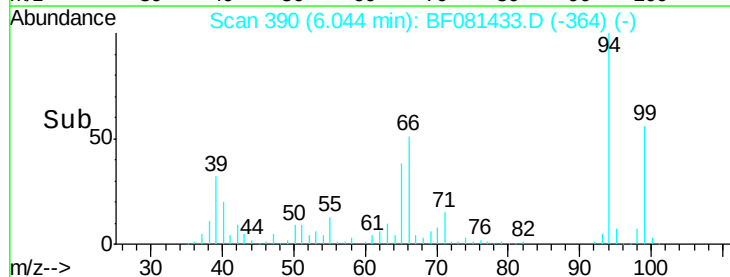
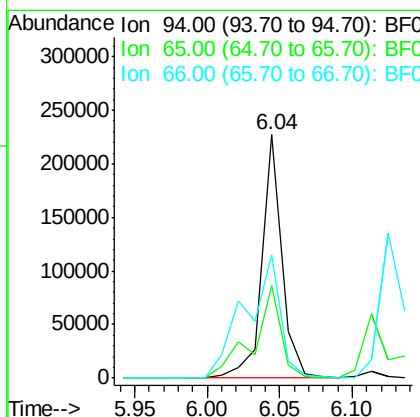
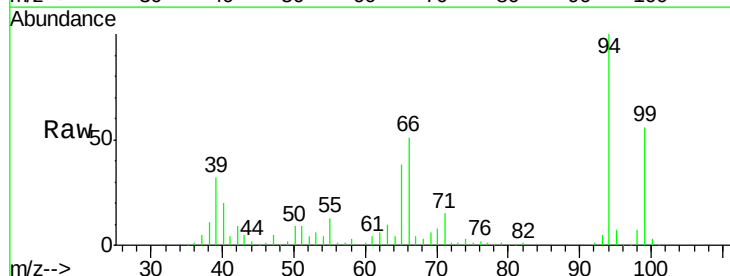
Instrument :  
BNA\_F  
ClientSampleId :  
SB-11(5-7)MS

Tot Ion: 77 Resp: 21010  
Ion Ratio Lower Upper  
77 100  
105 92.8 91.6 131.6  
106 87.1 102.6 142.6#

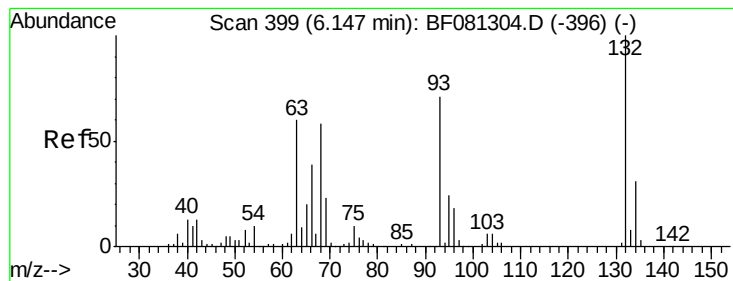


#10  
Phenol  
Concen: 36.47 ng  
RT: 6.04 min Scan# 390  
Delta R.T. 0.00 min  
Lab File: BF081433.D  
Acq: 4 Sep 2015 22:26

Tgt Ion: 94 Resp: 218633  
Ion Ratio Lower Upper  
94 100  
65 38.2 0.7 40.7  
66 50.8 0.8 40.8#



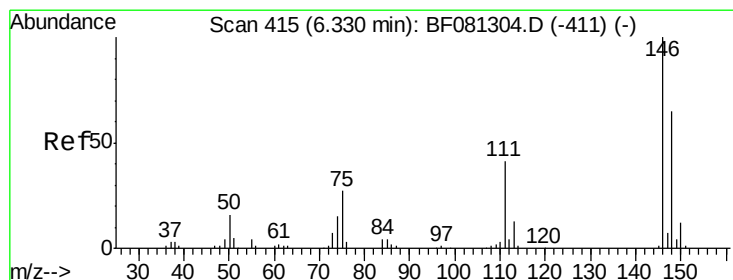
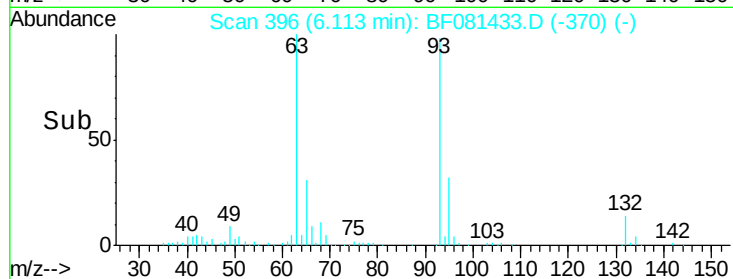
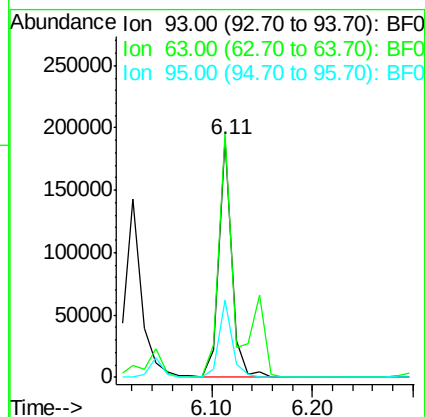
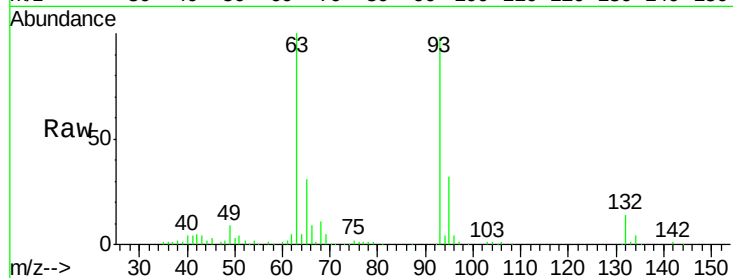




#11  
bis(2-Chloroethyl)ether  
Concen: 39.92 ng  
RT: 6.11 min Scan# 396  
Delta R.T. 0.00 min  
Lab File: BF081433.D  
Acq: 4 Sep 2015 22:26

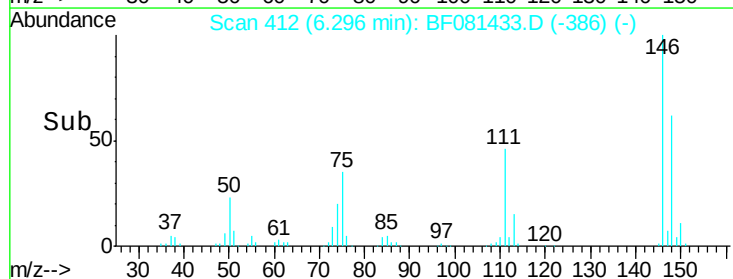
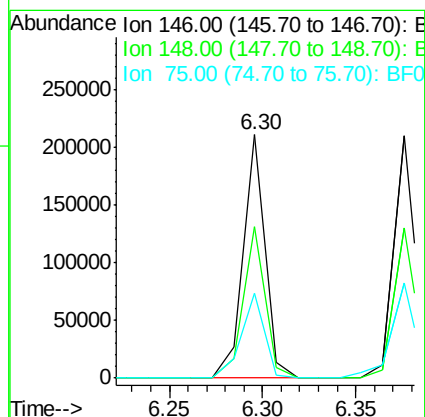
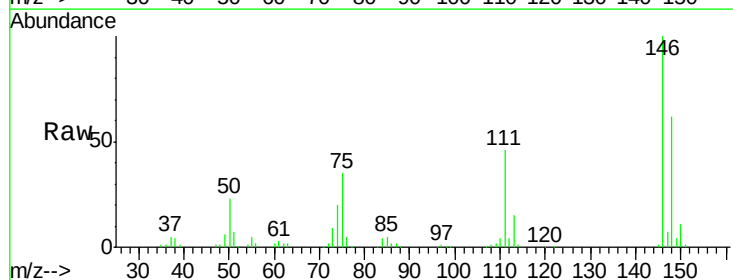
Instrument :  
BNA\_F  
ClientSampleId :  
SB-11(5-7)MS

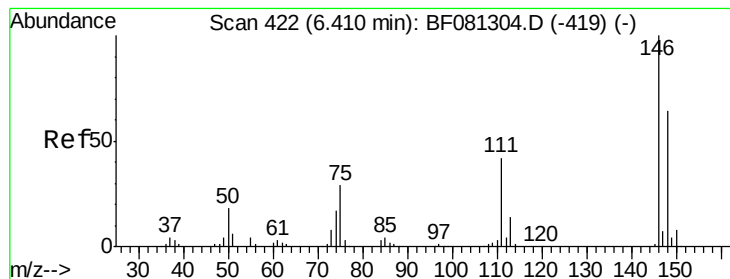
Tot Ion: 93 Resp: 172657  
Ion Ratio Lower Upper  
93 100  
63 102.2 65.6 105.6  
95 32.6 13.6 53.6



#12  
1,3-Dichlorobenzene  
Concen: 37.69 ng  
RT: 6.30 min Scan# 412  
Delta R.T. 0.00 min  
Lab File: BF081433.D  
Acq: 4 Sep 2015 22:26

Tgt Ion: 146 Resp: 173272  
Ion Ratio Lower Upper  
146 100  
148 62.0 51.0 76.4  
75 34.7 15.0 22.6#





#13

1,4-Dichlorobenzene

Concen: 36.41 ng

RT: 6.38 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF081433.D

Acq: 4 Sep 2015 22:26

Instrument :

BNA\_F

ClientSampleId :

SB-11(5-7)MS

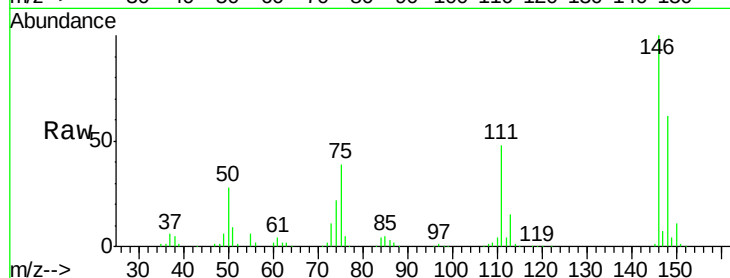
Tot Ion:146 Resp: 170472

Ion Ratio Lower Upper

146 100

148 61.8 51.8 77.6

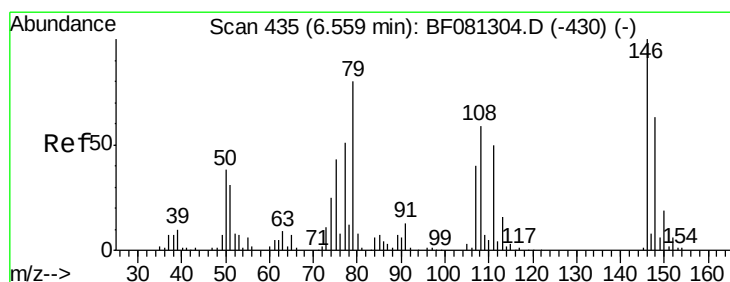
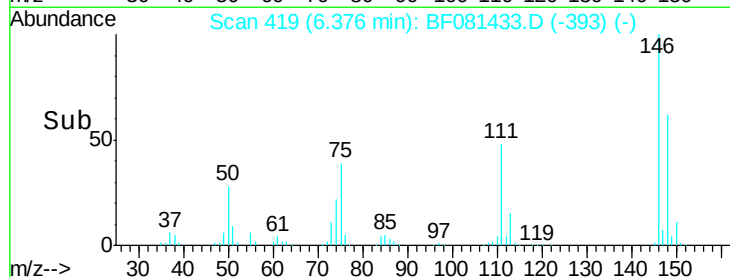
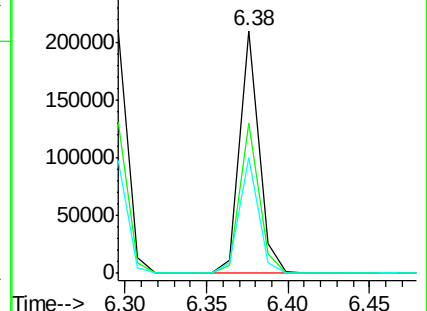
111 47.6 24.9 37.3#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 34.22 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF081433.D

Acq: 4 Sep 2015 22:26

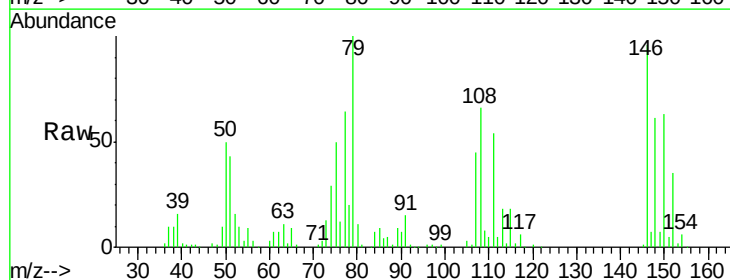
Tgt Ion:146 Resp: 144252

Ion Ratio Lower Upper

146 100

148 63.5 52.7 79.1

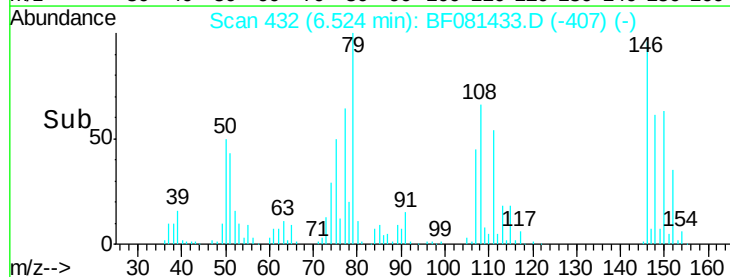
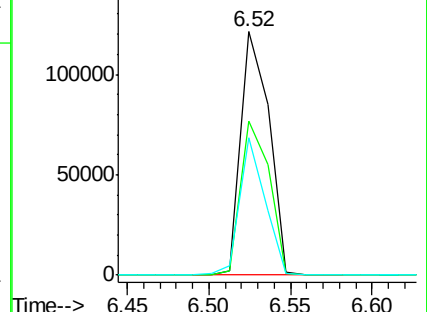
111 56.2 28.8 43.2#

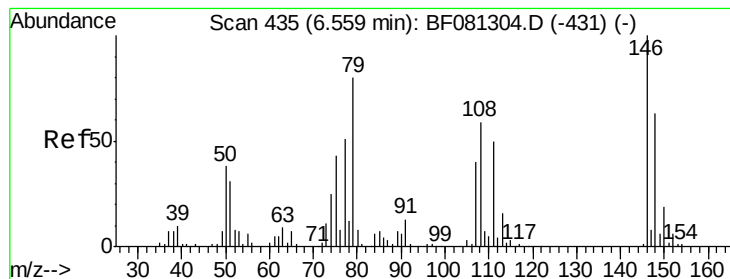


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.55 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF081433.D

Acq: 4 Sep 2015 22:26

Instrument :

BNA\_F

ClientSampleId :

SB-11(5-7)MS

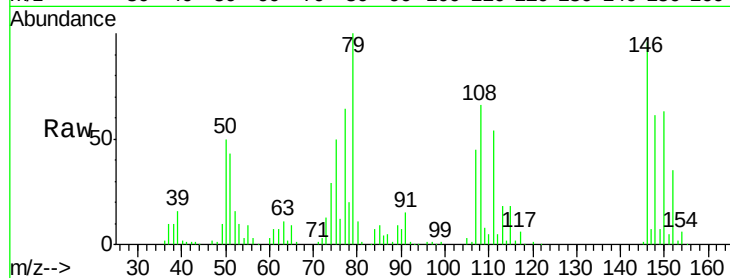
Tot Ion: 79 Resp: 154972

Ion Ratio Lower Upper

79 100

108 66.0 88.6 132.8#

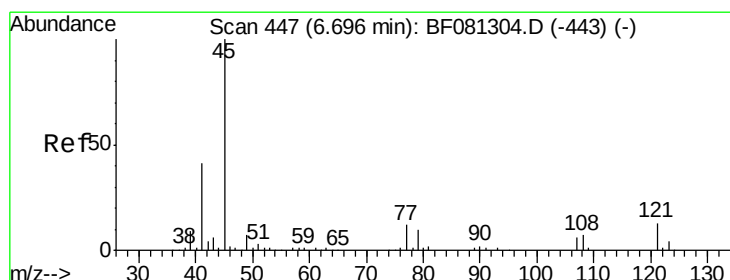
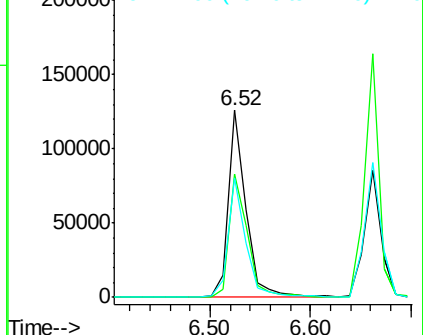
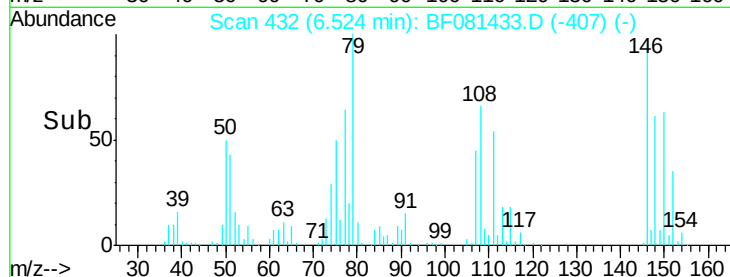
77 64.1 47.0 70.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.44 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF081433.D

Acq: 4 Sep 2015 22:26

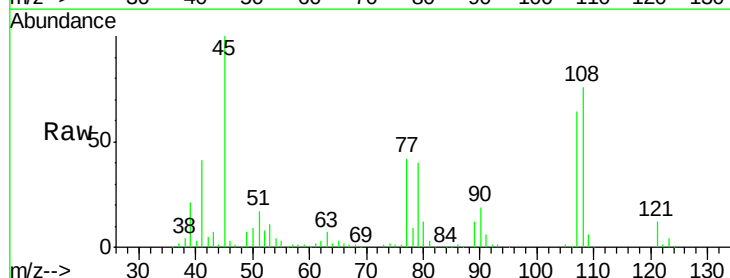
Tgt Ion: 45 Resp: 343518

Ion Ratio Lower Upper

45 100

77 42.2 0.0 28.1#

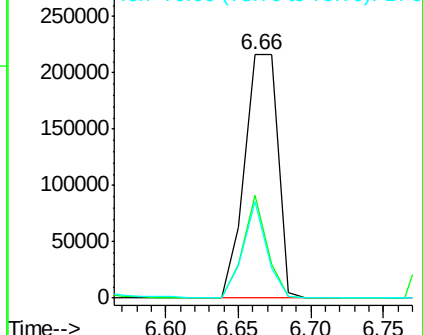
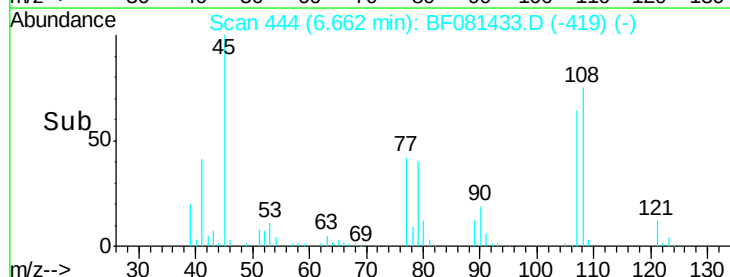
79 39.5 0.0 26.0#

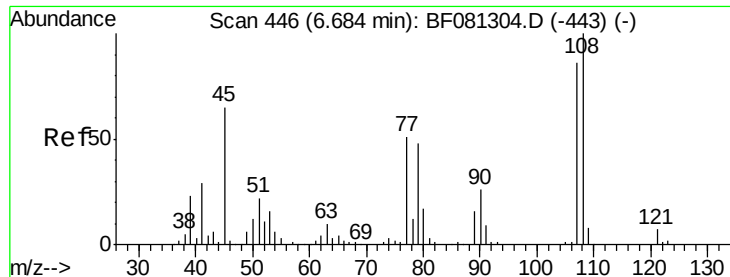


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

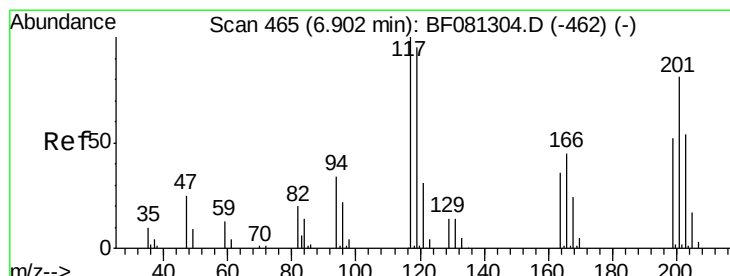
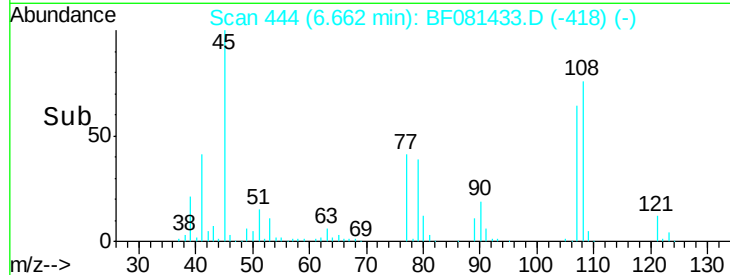
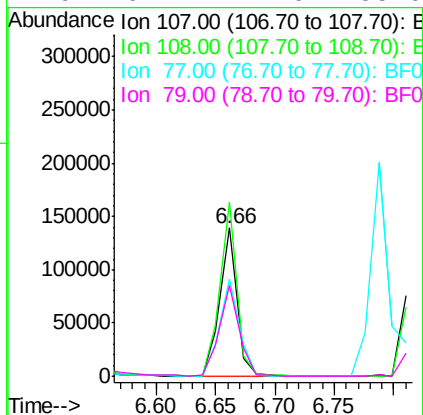
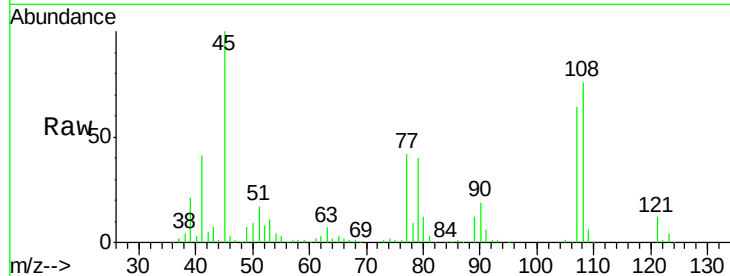




#17  
 2-Methylphenol  
 Concen: 40.48 ng  
 RT: 6.66 min Scan# 444  
 Delta R.T. 0.00 min  
 Lab File: BF081433.D  
 Acq: 4 Sep 2015 22:26

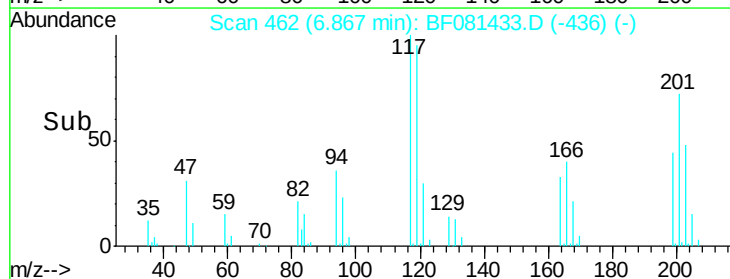
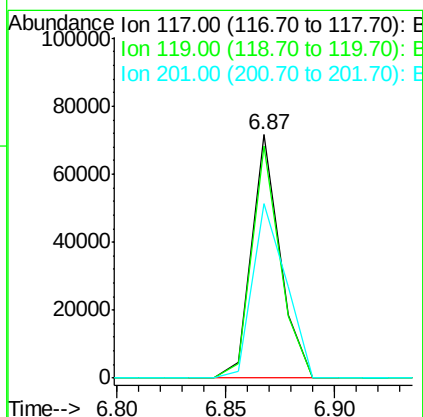
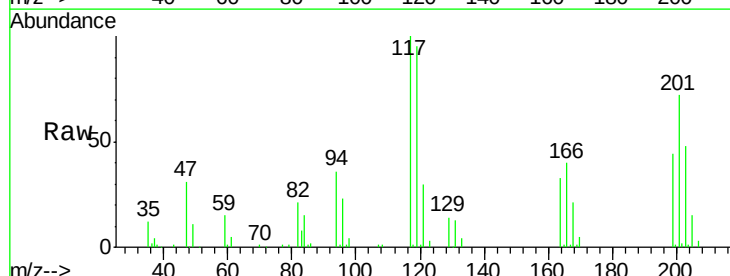
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-11(5-7)MS

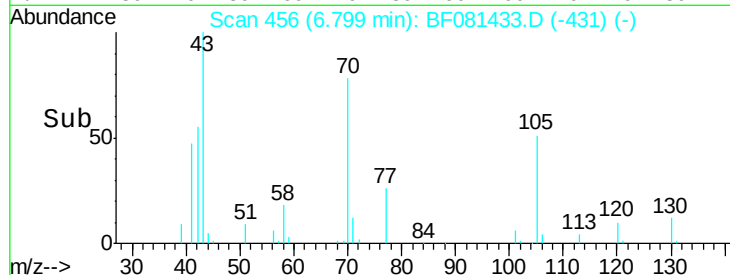
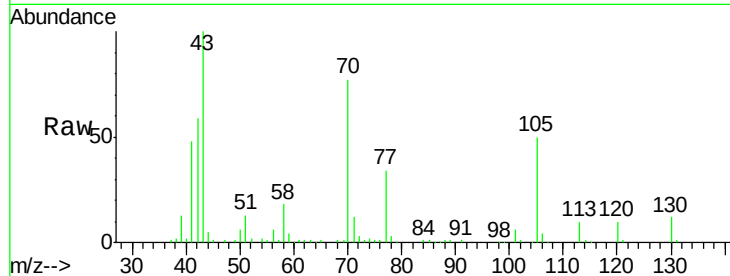
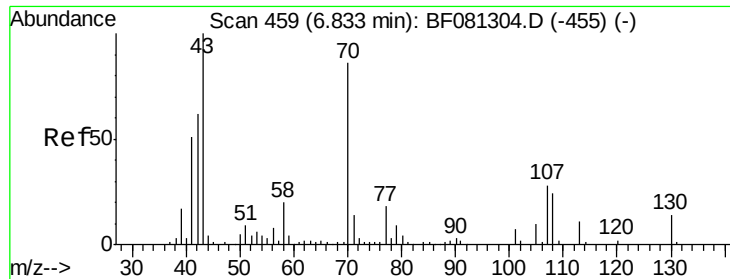
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 138987 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 117.9 | 96.6  | 145.0  |
| 77       | 65.6  | 23.3  | 34.9#  |
| 79       | 61.4  | 22.0  | 33.0#  |



#18  
 Hexachloroethane  
 Concen: 35.72 ng  
 RT: 6.87 min Scan# 462  
 Delta R.T. 0.00 min  
 Lab File: BF081433.D  
 Acq: 4 Sep 2015 22:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 65053 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 95.4  | 83.8  | 125.6 |
| 201      | 71.6  | 55.1  | 82.7  |

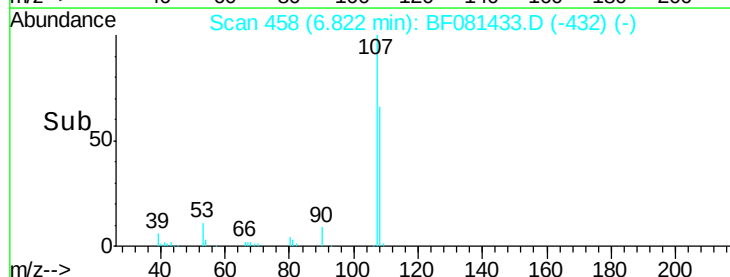
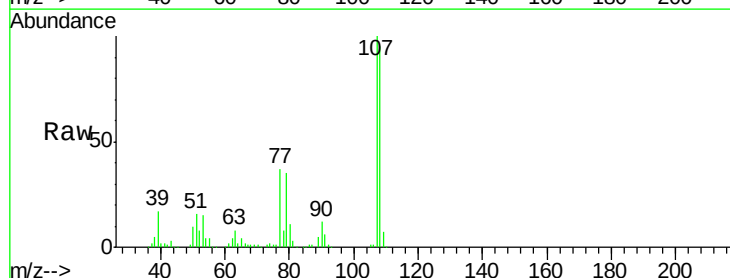
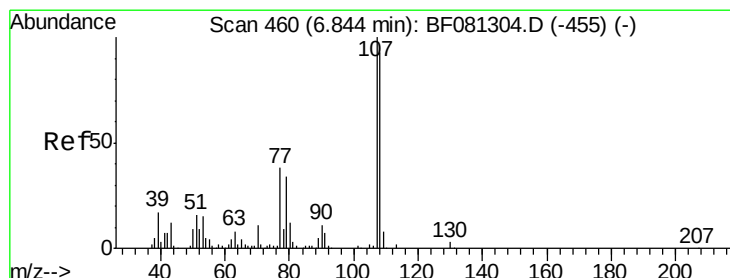
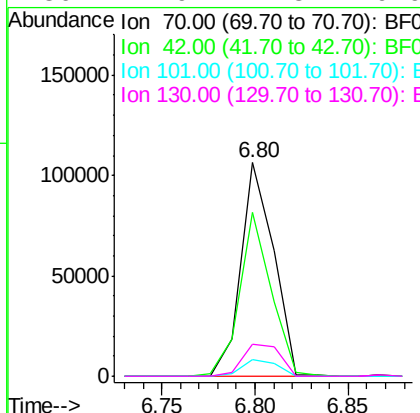




#19  
n-Nitroso-di-n-propylamine  
Concen: 36.76 ng  
RT: 6.80 min Scan# 456  
Delta R.T. -0.01 min  
Lab File: BF081433.D  
Acq: 4 Sep 2015 22:26

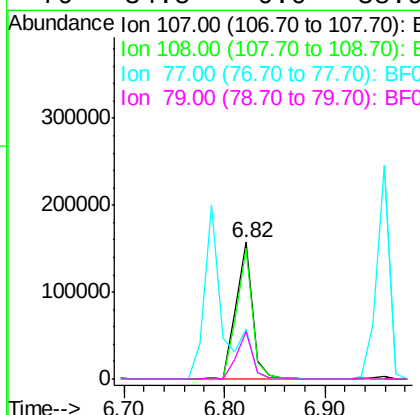
Instrument :  
BNA\_F  
ClientSampleId :  
SB-11(5-7)MS

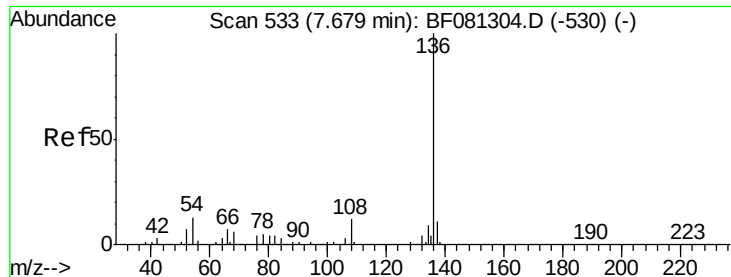
Tot Ion: 70 Resp: 129328  
Ion Ratio Lower Upper  
70 100  
42 76.7 63.8 95.6  
101 8.1 9.2 13.8#  
130 14.9 27.3 40.9#



#20  
3+4-Methylphenols  
Concen: 39.22 ng  
RT: 6.82 min Scan# 458  
Delta R.T. 0.00 min  
Lab File: BF081433.D  
Acq: 4 Sep 2015 22:26

Tgt Ion: 107 Resp: 181585  
Ion Ratio Lower Upper  
107 100  
108 95.5 74.6 114.6  
77 36.7 0.7 40.7  
79 34.5 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF081433.D

Acq: 4 Sep 2015 22:26

Instrument :

BNA\_F

ClientSampleId :

SB-11(5-7)MS

Tot Ion:136 Resp: 233672

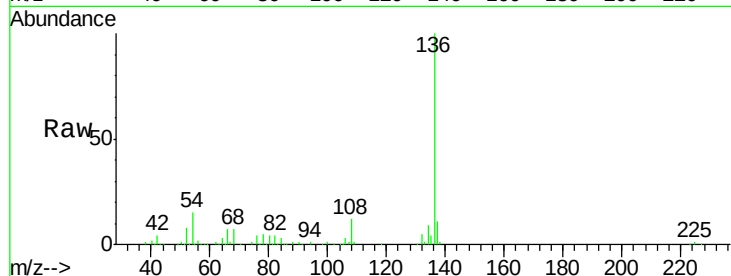
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 14.7 8.2 12.2#

68 7.0 5.8 8.6

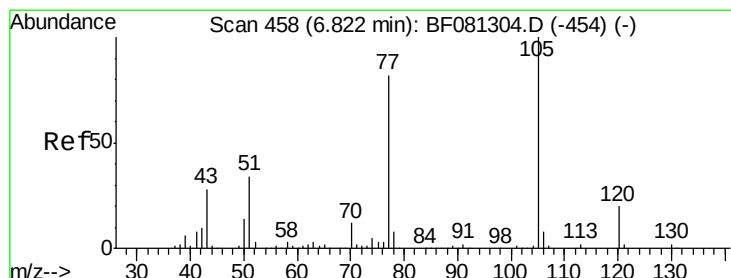
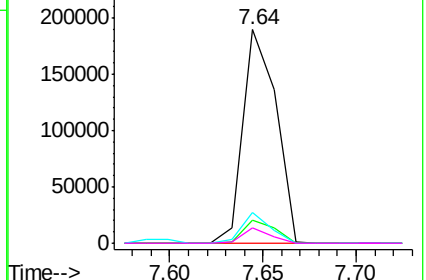
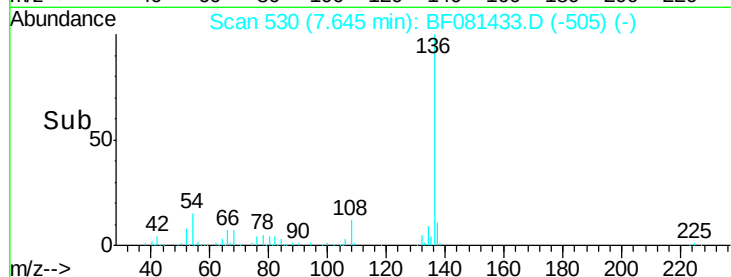


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.47 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF081433.D

Acq: 4 Sep 2015 22:26

Tgt Ion:105 Resp: 245515

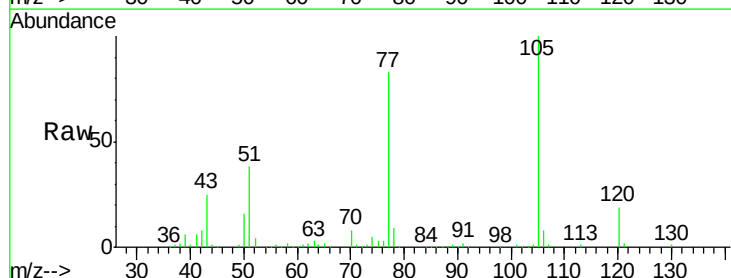
Ion Ratio Lower Upper

105 100

71 1.4 4.7 7.1#

51 37.8 22.0 33.0#

120 19.4 30.1 45.1#

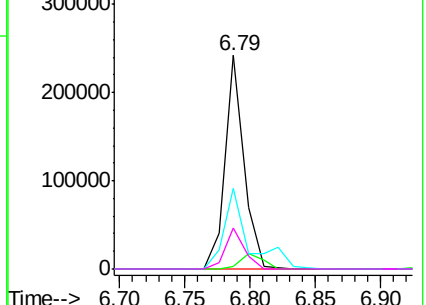
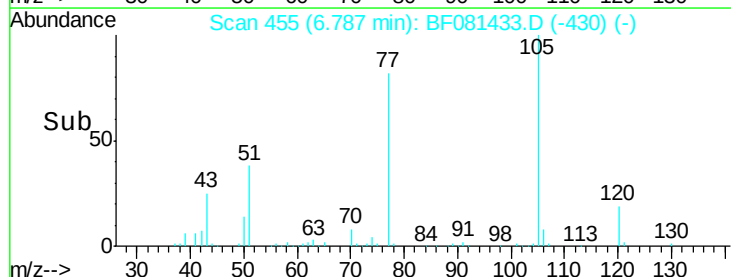


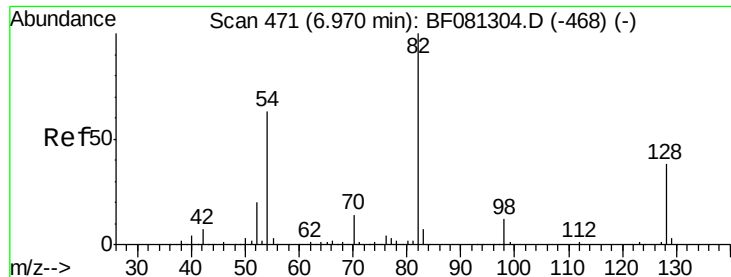
Abundance Ion 105.00 (104.70 to 105.70): E

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

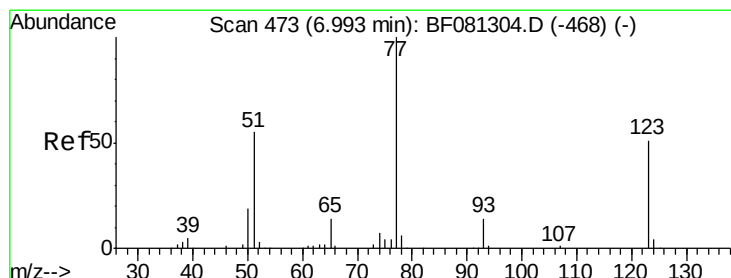
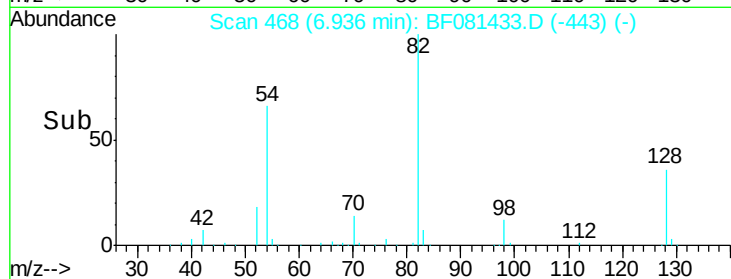
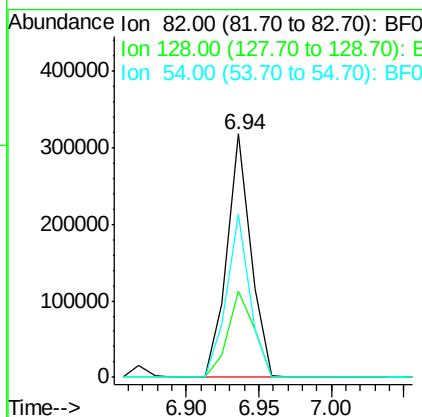
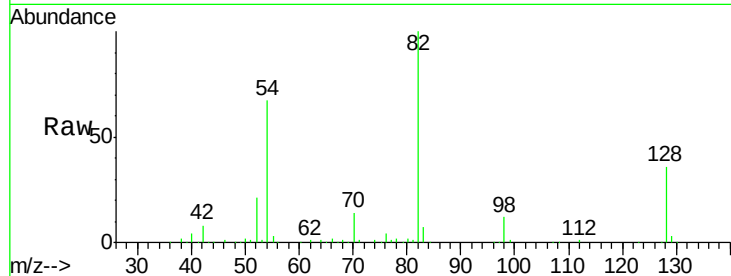




#23  
 Nitrobenzene-d5  
 Concen: 75.55 ng  
 RT: 6.94 min Scan# 468  
 Delta R.T. -0.01 min  
 Lab File: BF081433.D  
 Acq: 4 Sep 2015 22:26

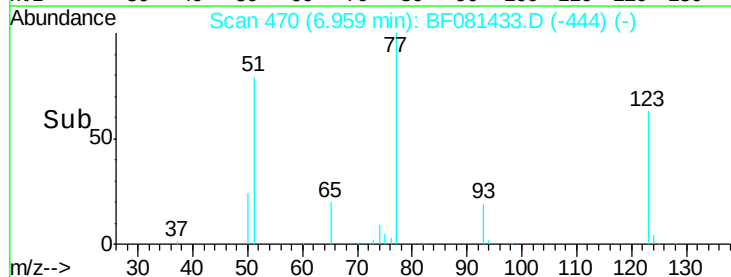
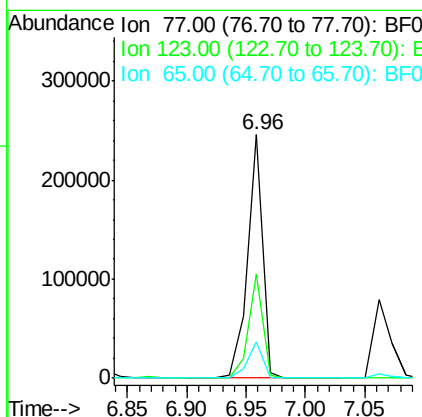
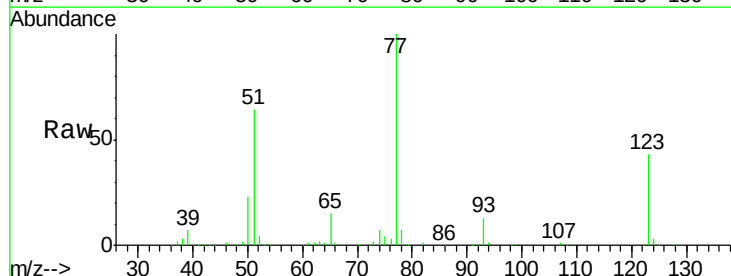
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-11(5-7)MS

Tot Ion: 82 Resp: 365902  
 Ion Ratio Lower Upper  
 82 100  
 128 35.5 51.0 76.6#  
 54 66.8 47.5 71.3

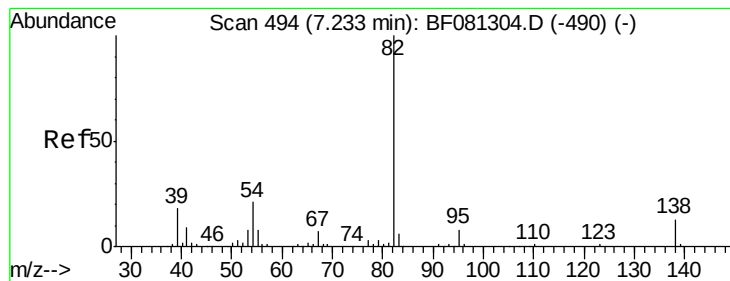


#24  
 Nitrobenzene  
 Concen: 43.57 ng  
 RT: 6.96 min Scan# 470  
 Delta R.T. 0.00 min  
 Lab File: BF081433.D  
 Acq: 4 Sep 2015 22:26

Tgt Ion: 77 Resp: 219140  
 Ion Ratio Lower Upper  
 77 100  
 123 42.6 59.8 89.8#  
 65 15.0 10.2 15.4







#25

Isophorone

Concen: 37.78 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF081433.D

Acq: 4 Sep 2015 22:26

Instrument :

BNA\_F

ClientSampleId :

SB-11(5-7)MS

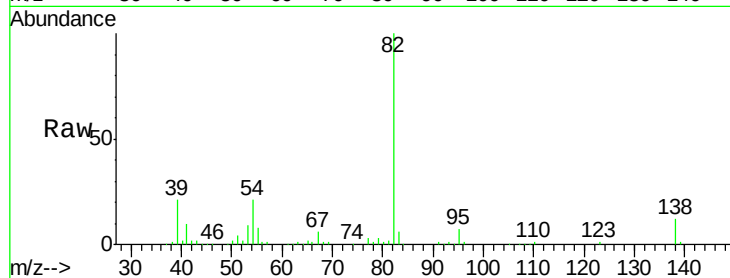
Tot Ion: 82 Resp: 340380

Ion Ratio Lower Upper

82 100

95 6.9 4.0 6.0#

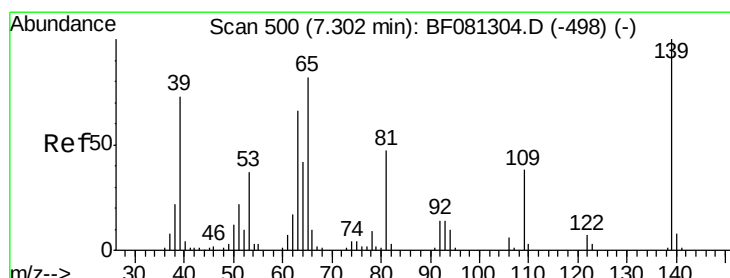
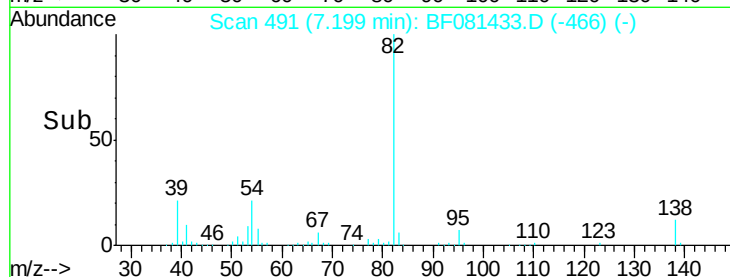
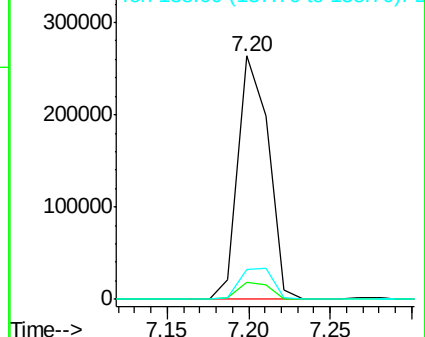
138 12.4 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 41.32 ng

RT: 7.28 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF081433.D

Acq: 4 Sep 2015 22:26

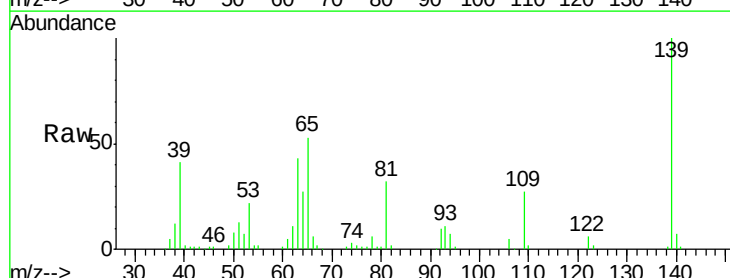
Tgt Ion: 139 Resp: 90580

Ion Ratio Lower Upper

139 100

109 27.5 11.0 16.4#

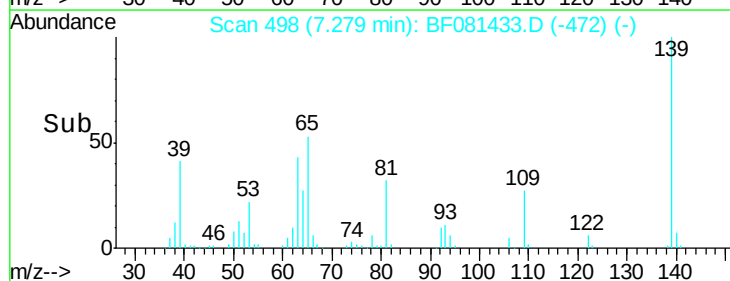
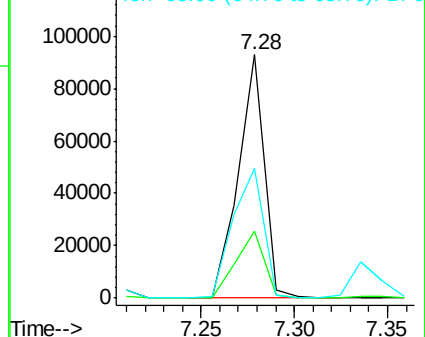
65 53.1 24.7 37.1#

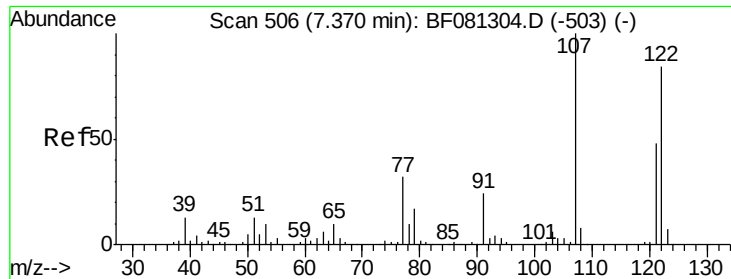


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

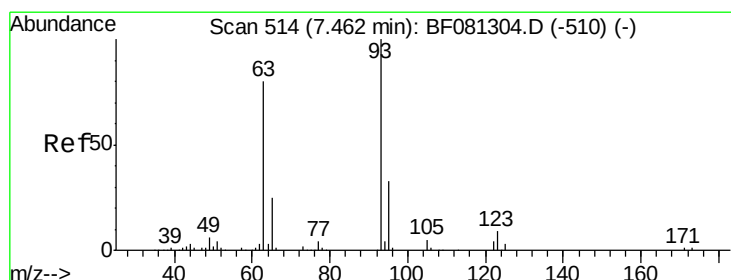
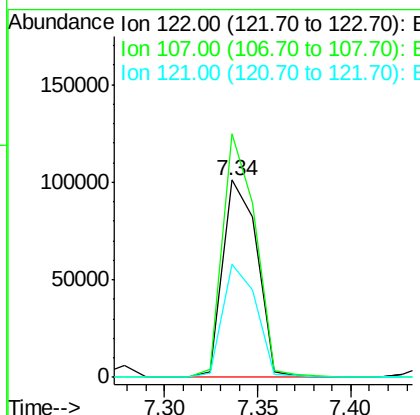
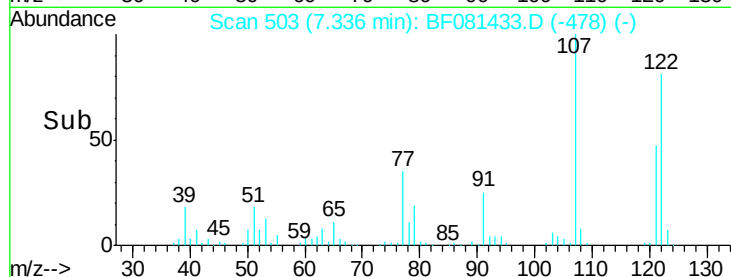
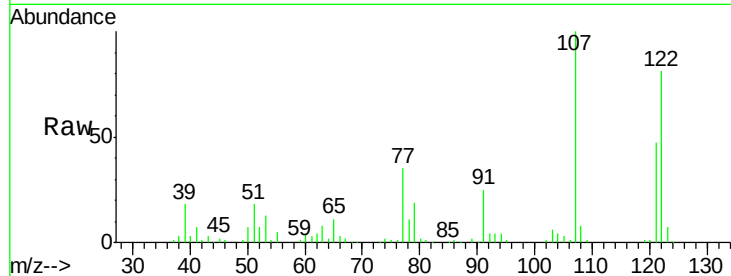




#27  
 2,4-Dimethylphenol  
 Concen: 34.60 ng  
 RT: 7.34 min Scan# 503  
 Delta R.T. -0.01 min  
 Lab File: BF081433.D  
 Acq: 4 Sep 2015 22:26

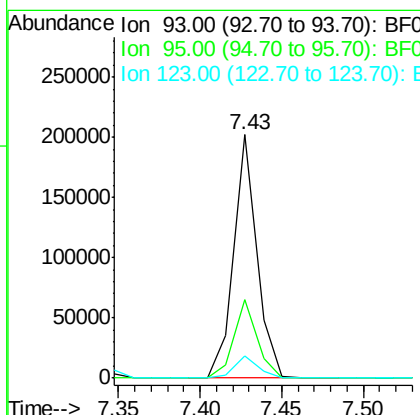
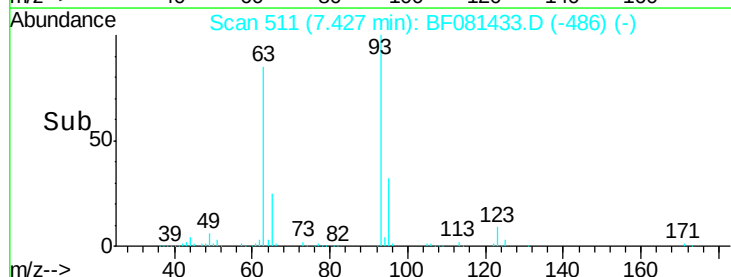
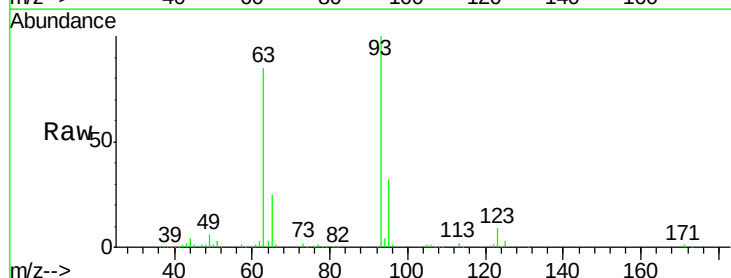
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-11(5-7)MS

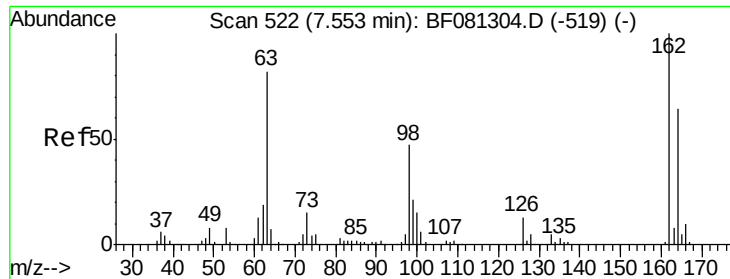
Tot Ion:122 Resp: 131004  
 Ion Ratio Lower Upper  
 122 100  
 107 123.3 71.8 107.6#  
 121 57.5 42.3 63.5



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 37.81 ng  
 RT: 7.43 min Scan# 511  
 Delta R.T. -0.01 min  
 Lab File: BF081433.D  
 Acq: 4 Sep 2015 22:26

Tgt Ion: 93 Resp: 196742  
 Ion Ratio Lower Upper  
 93 100  
 95 32.1 27.5 41.3  
 123 9.2 13.7 20.5#

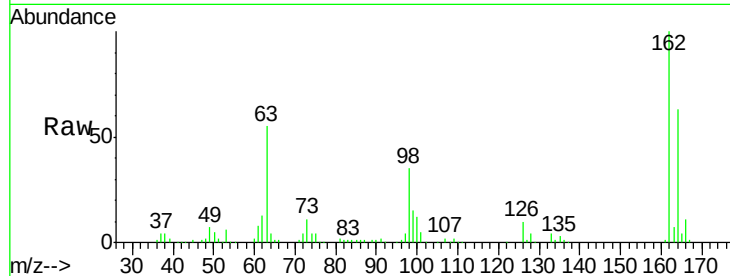




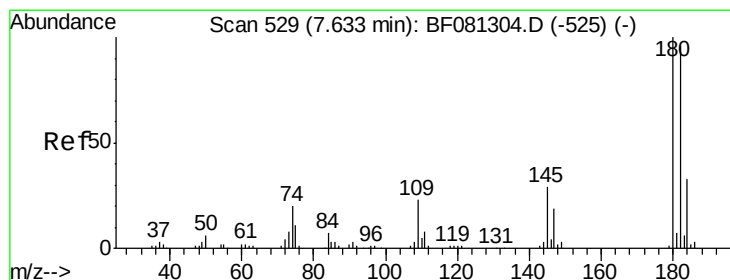
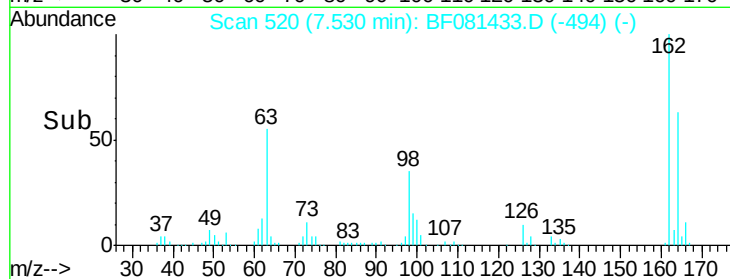
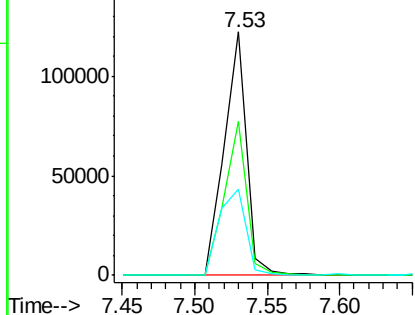
#29  
 2,4-Dichlorophenol  
 Concen: 39.89 ng  
 RT: 7.53 min Scan# 520  
 Delta R.T. 0.00 min  
 Lab File: BF081433.D  
 Acq: 4 Sep 2015 22:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-11(5-7)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.3  | 44.9  | 84.9  |
| 98      | 35.2  | 13.0  | 53.0  |

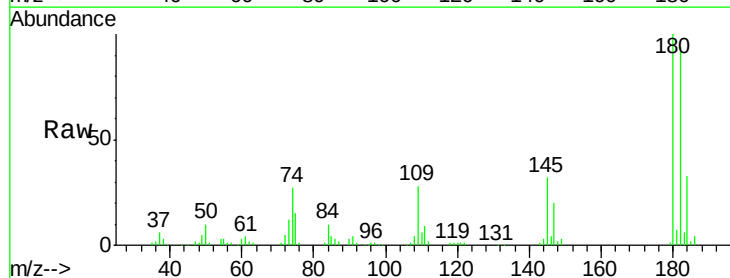


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

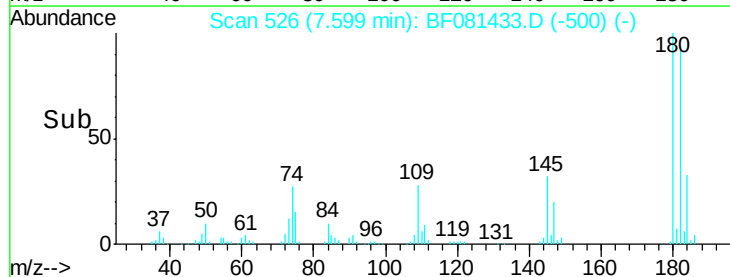
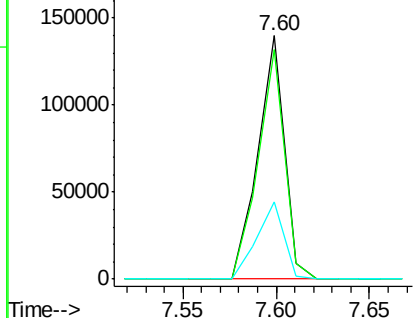


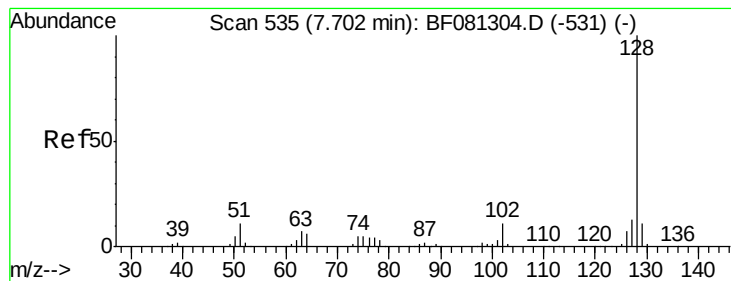
#30  
 1,2,4-Trichlorobenzene  
 Concen: 38.40 ng  
 RT: 7.60 min Scan# 526  
 Delta R.T. 0.00 min  
 Lab File: BF081433.D  
 Acq: 4 Sep 2015 22:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.2  | 77.1  | 115.7 |
| 145     | 31.7  | 23.3  | 34.9  |



Abundance Ion 180.00 (179.70 to 180.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 35.00 ng

RT: 7.67 min Scan# 532

Delta R.T. -0.01 min

Lab File: BF081433.D

Acq: 4 Sep 2015 22:26

Instrument :

BNA\_F

ClientSampleId :

SB-11(5-7)MS

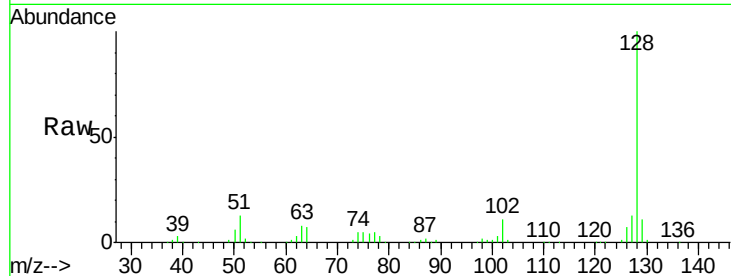
Tot Ion:128 Resp: 436178

Ion Ratio Lower Upper

128 100

129 11.0 8.4 12.6

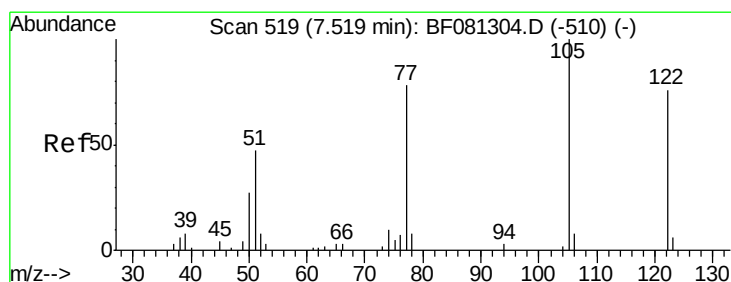
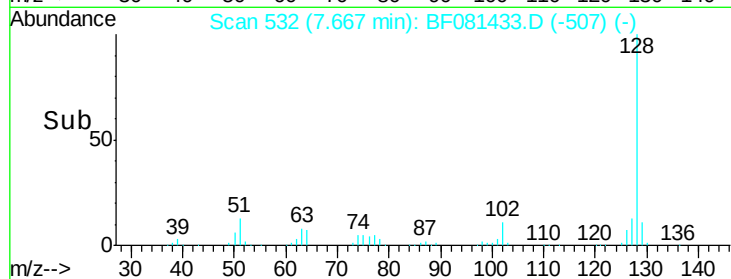
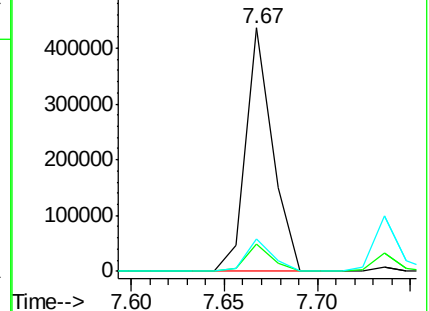
127 13.5 9.9 14.9



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



#32

Benzoic acid

Concen: 7.60 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.05 min

Lab File: BF081433.D

Acq: 4 Sep 2015 22:26

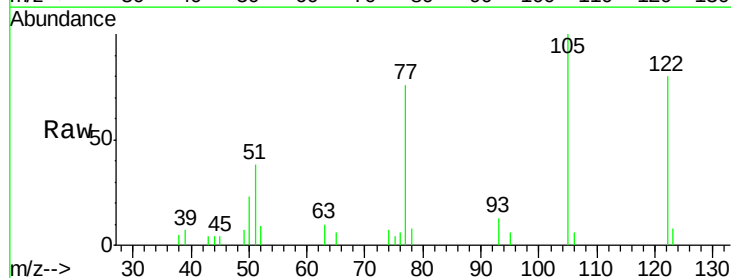
Tgt Ion:122 Resp: 14445

Ion Ratio Lower Upper

122 100

105 125.6 76.1 116.1#

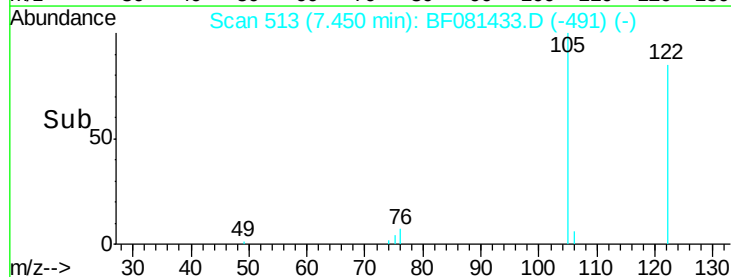
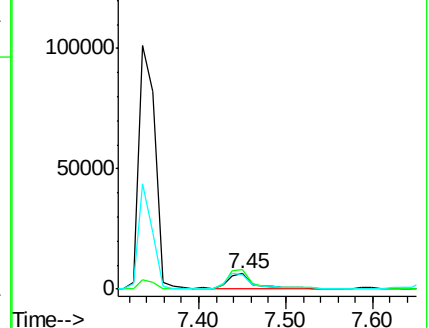
77 95.9 40.5 80.5#

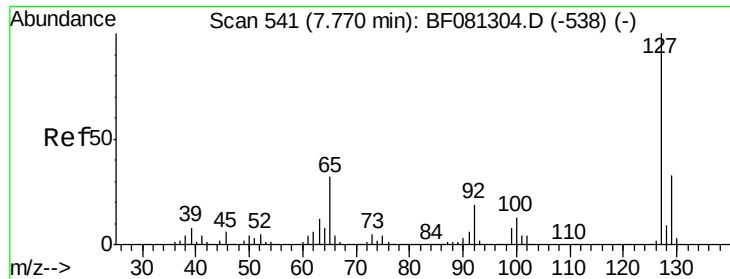


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

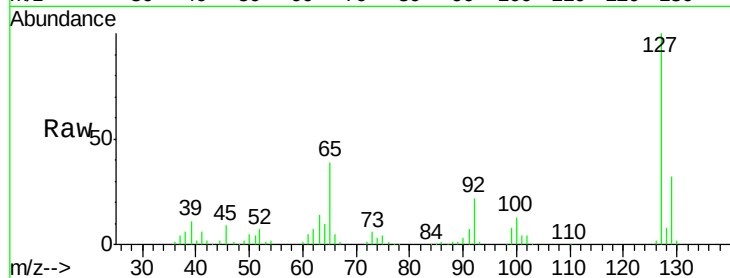




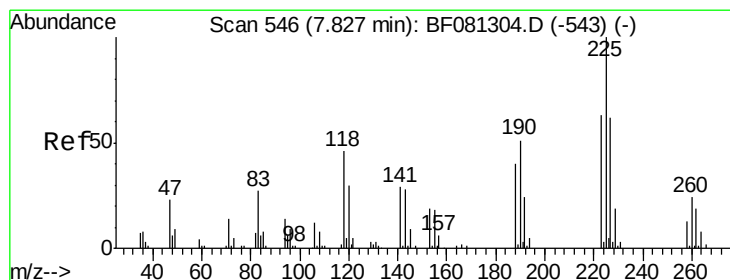
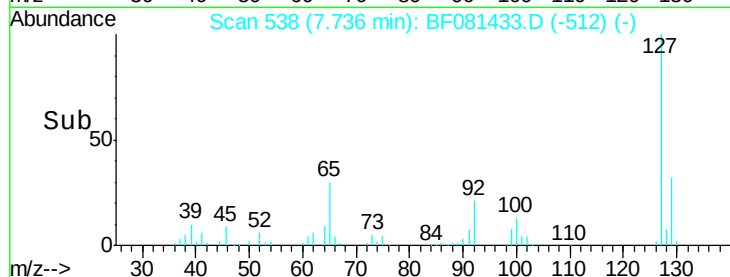
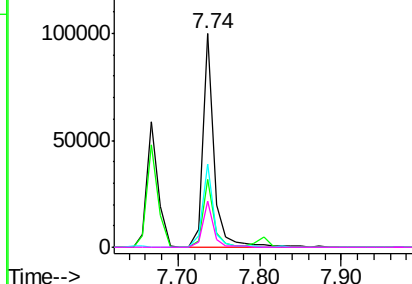
#33  
4-Chloroaniline  
Concen: 19.02 ng  
RT: 7.74 min Scan# 538  
Delta R.T. 0.00 min  
Lab File: BF081433.D  
Acq: 4 Sep 2015 22:26

Instrument :  
BNA\_F  
ClientSampleId :  
SB-11(5-7)MS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 96667 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 31.9  | 25.8  | 38.6  |
| 65       | 39.0  | 17.9  | 26.9# |
| 92       | 21.7  | 10.5  | 15.7# |

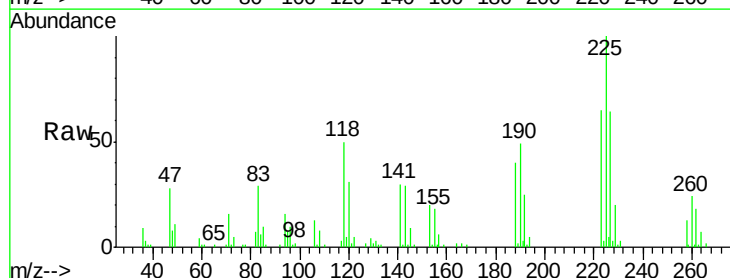


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

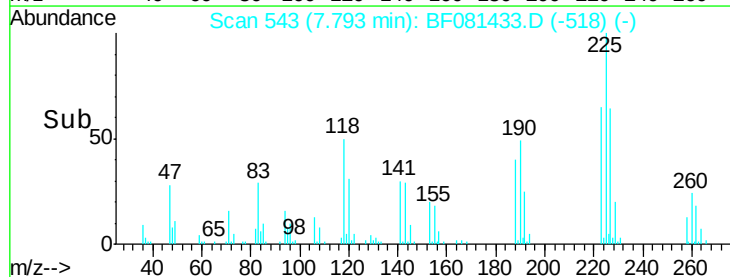
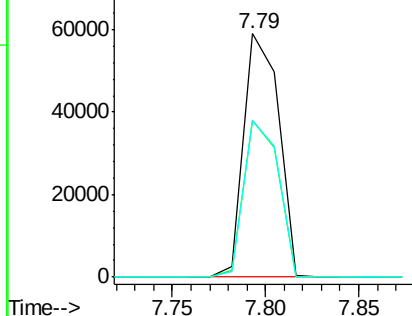


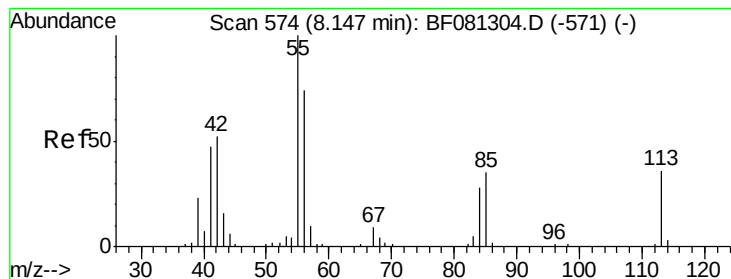
#34  
Hexachlorobutadiene  
Concen: 35.34 ng  
RT: 7.79 min Scan# 543  
Delta R.T. -0.01 min  
Lab File: BF081433.D  
Acq: 4 Sep 2015 22:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 76705 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 64.6  | 50.2  | 75.2  |
| 227      | 64.2  | 52.2  | 78.2  |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 25.25 ng

RT: 8.11 min Scan# 571

Delta R.T. -0.01 min

Lab File: BF081433.D

Acq: 4 Sep 2015 22:26

Instrument :

BNA\_F

ClientSampleId :

SB-11(5-7)MS

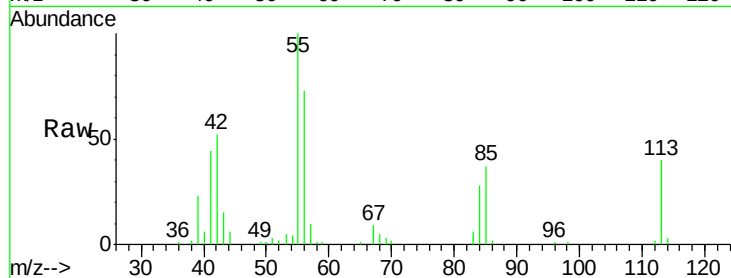
Tot Ion:113 Resp: 25430

Ion Ratio Lower Upper

113 100

55 251.9 152.4 192.4#

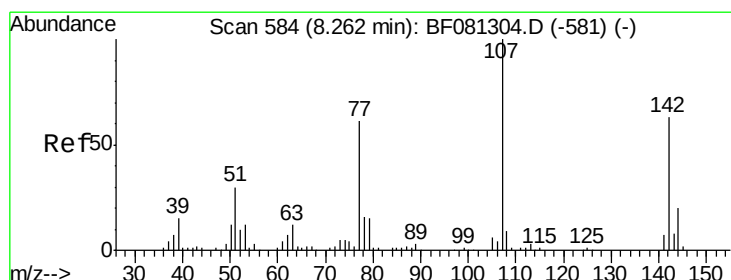
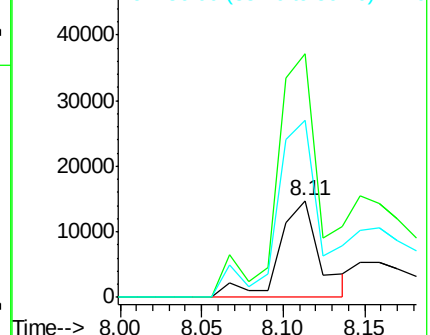
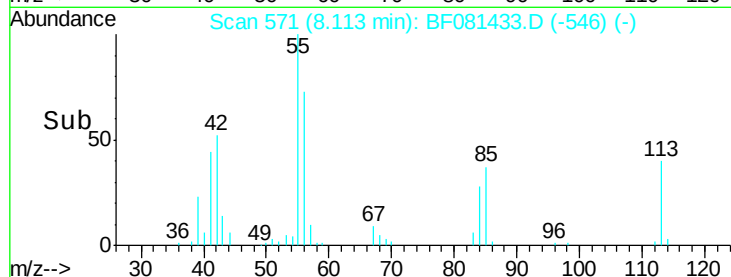
56 183.2 104.6 144.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.86 ng

RT: 8.25 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF081433.D

Acq: 4 Sep 2015 22:26

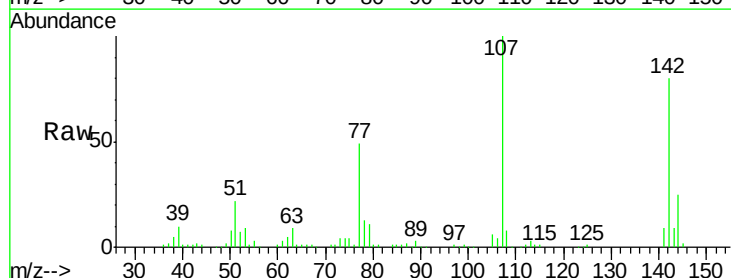
Tgt Ion:107 Resp: 153830

Ion Ratio Lower Upper

107 100

144 25.1 25.4 38.0#

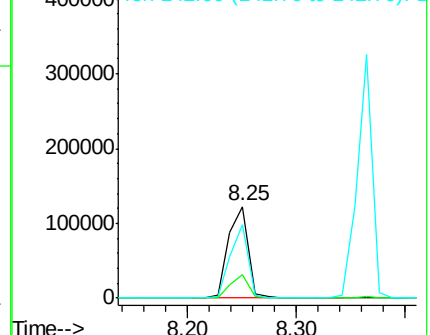
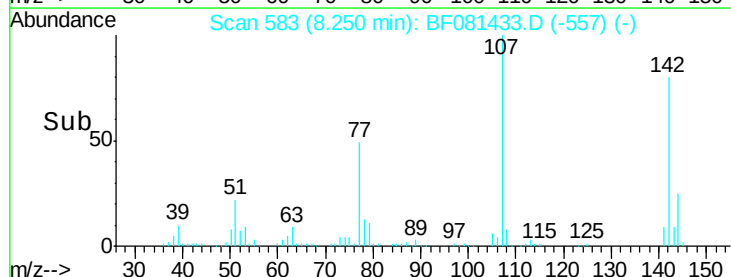
142 79.7 77.3 115.9

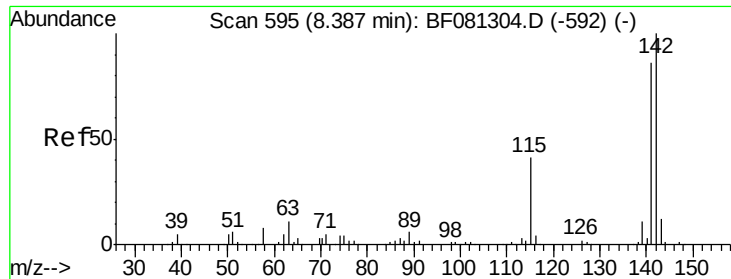


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

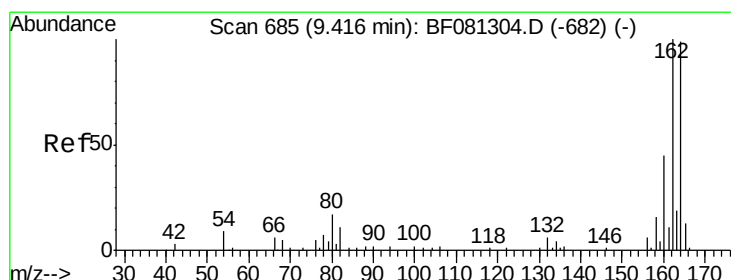
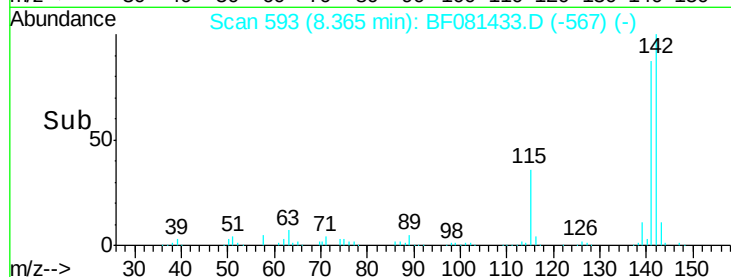
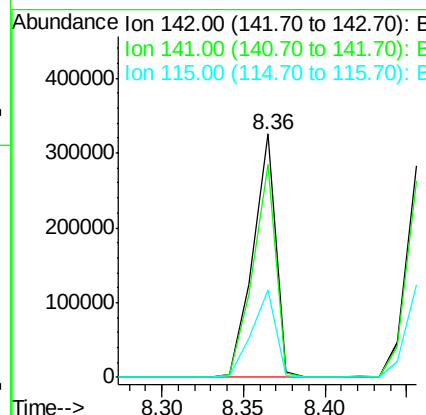
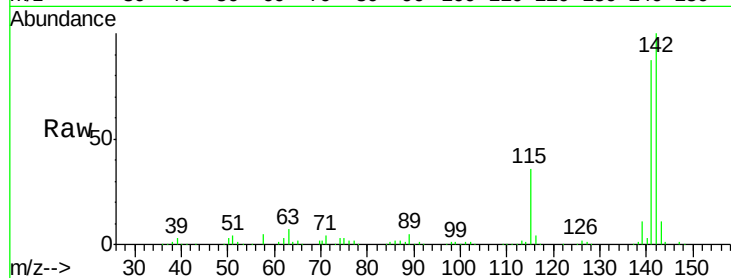




#37  
2-Methylnaphthalene  
Concen: 39.03 ng  
RT: 8.36 min Scan# 593  
Delta R.T. 0.00 min  
Lab File: BF081433.D  
Acq: 4 Sep 2015 22:26

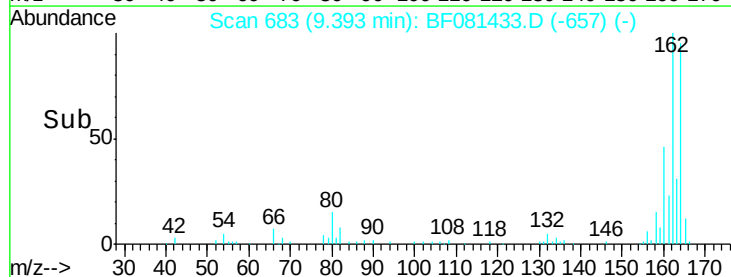
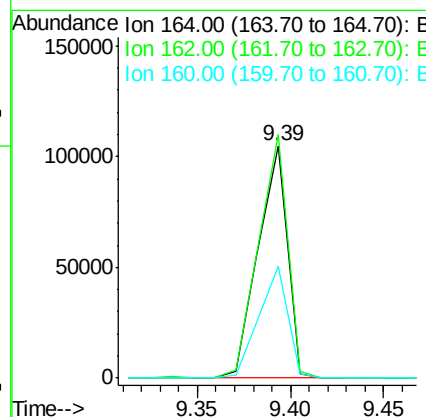
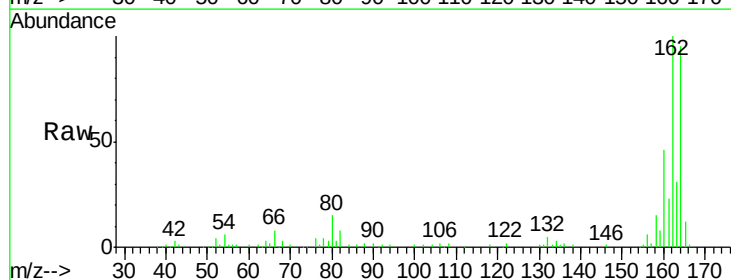
Instrument :  
BNA\_F  
ClientSampleId :  
SB-11(5-7)MS

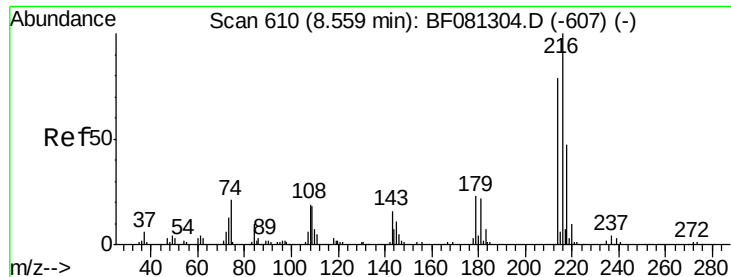
Tot Ion:142 Resp: 316487  
Ion Ratio Lower Upper  
142 100  
141 87.4 67.5 101.3  
115 36.1 18.2 27.2#



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.39 min Scan# 683  
Delta R.T. 0.00 min  
Lab File: BF081433.D  
Acq: 4 Sep 2015 22:26

Tgt Ion:164 Resp: 113336  
Ion Ratio Lower Upper  
164 100  
162 104.7 75.2 112.8  
160 48.2 31.5 47.3#





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.33 ng

RT: 8.52 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF081433.D

Acq: 4 Sep 2015 22:26

Instrument :

BNA\_F

ClientSampleId :

SB-11(5-7)MS

Tot Ion:216 Resp: 115883

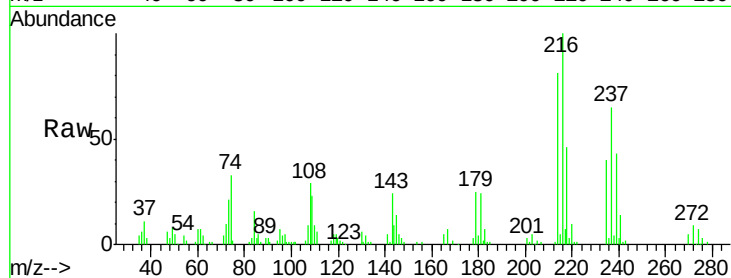
Ion Ratio Lower Upper

216 100

214 79.6 63.5 95.3

179 22.2 16.6 24.8

108 24.3 16.3 24.5

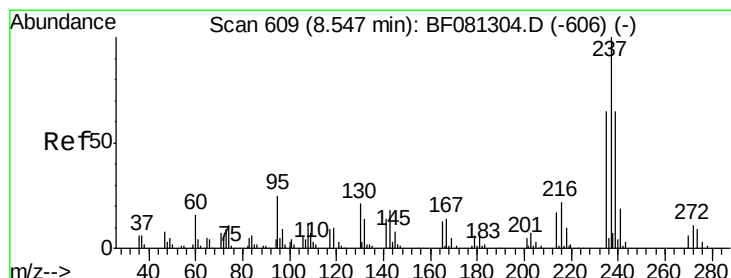
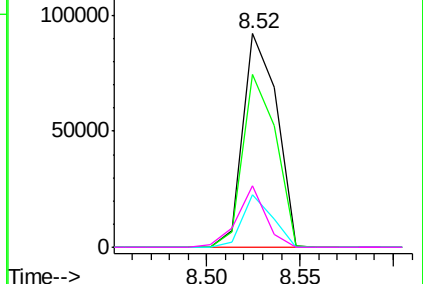
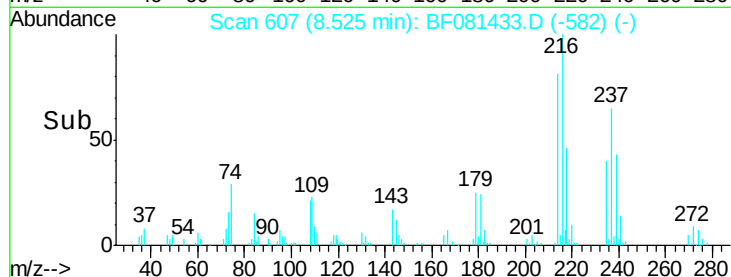


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 61.96 ng

RT: 8.51 min Scan# 606

Delta R.T. -0.01 min

Lab File: BF081433.D

Acq: 4 Sep 2015 22:26

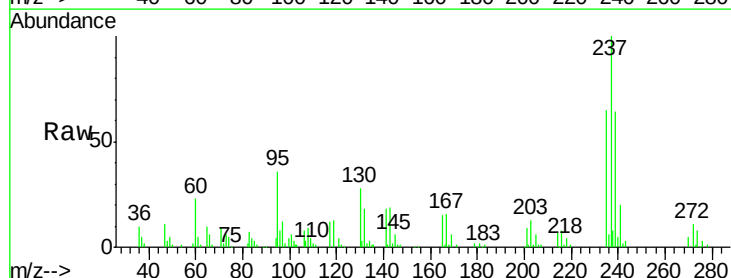
Tgt Ion:237 Resp: 108992

Ion Ratio Lower Upper

237 100

235 64.8 42.0 82.0

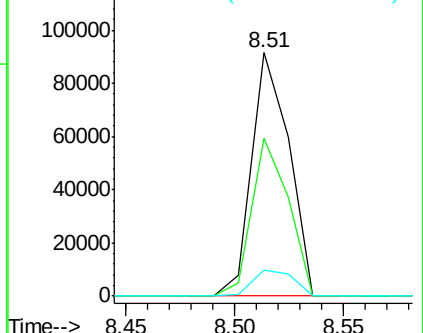
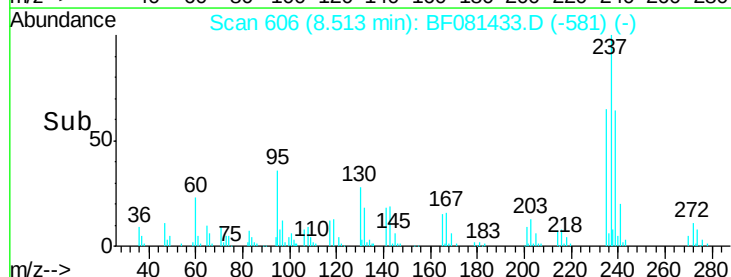
272 10.6 0.0 36.1



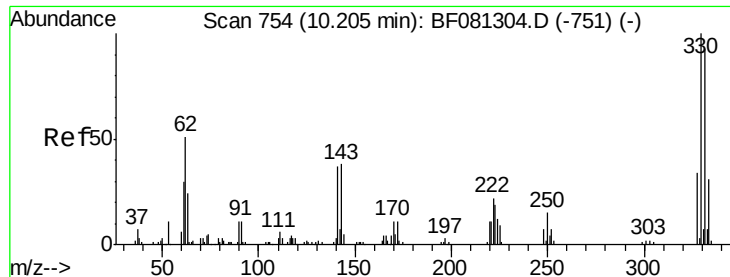
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



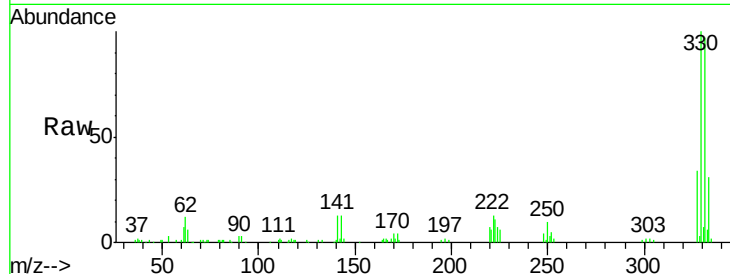




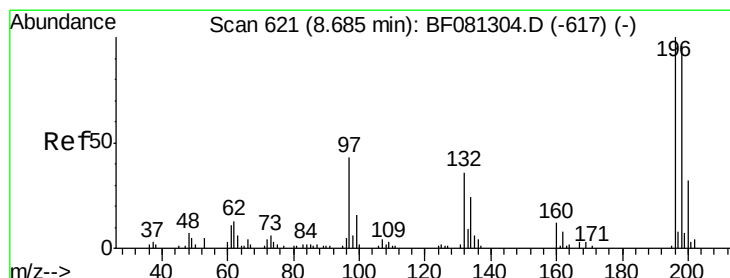
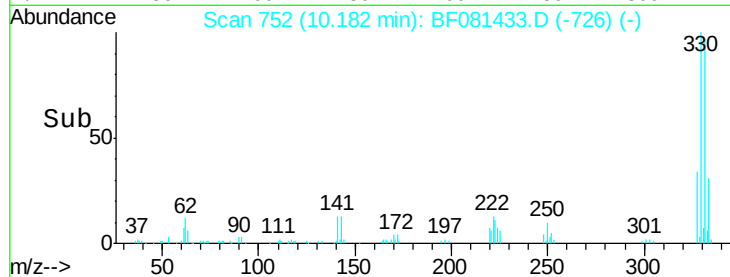
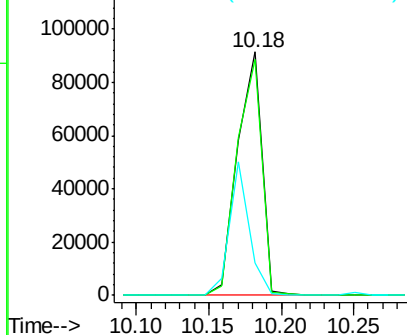
#41  
 2,4,6-Tribromophenol  
 Concen: 106.17 ng  
 RT: 10.18 min Scan# 752  
 Delta R.T. 0.00 min  
 Lab File: BF081433.D  
 Acq: 4 Sep 2015 22:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-11(5-7)MS

Tot Ion:330 Resp: 107145  
 Ion Ratio Lower Upper  
 330 100  
 332 98.3 76.6 114.8  
 141 44.2 29.7 44.5

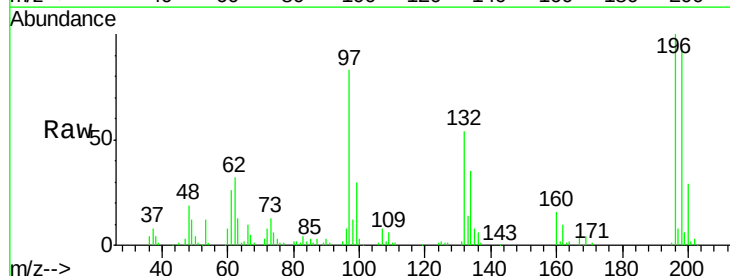


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

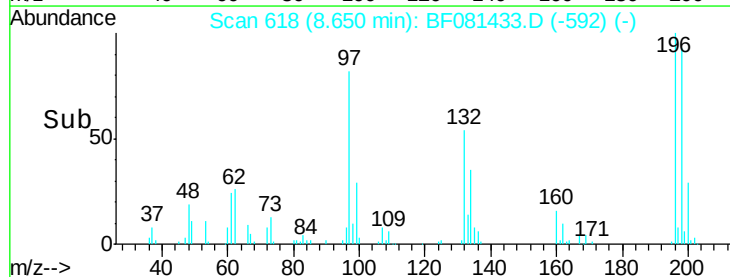
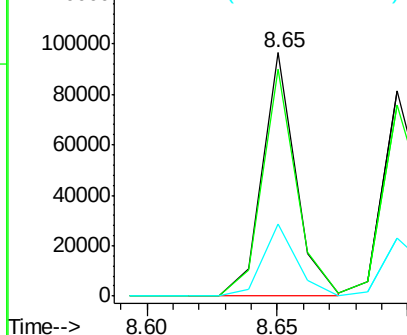


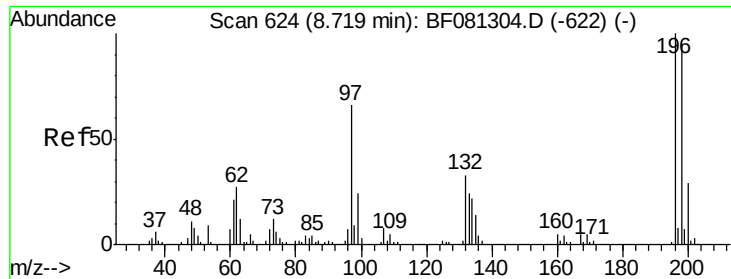
#42  
 2,4,6-Trichlorophenol  
 Concen: 34.73 ng  
 RT: 8.65 min Scan# 618  
 Delta R.T. 0.00 min  
 Lab File: BF081433.D  
 Acq: 4 Sep 2015 22:26

Tgt Ion:196 Resp: 85920  
 Ion Ratio Lower Upper  
 196 100  
 198 93.0 75.7 113.5  
 200 29.4 23.9 35.9



Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

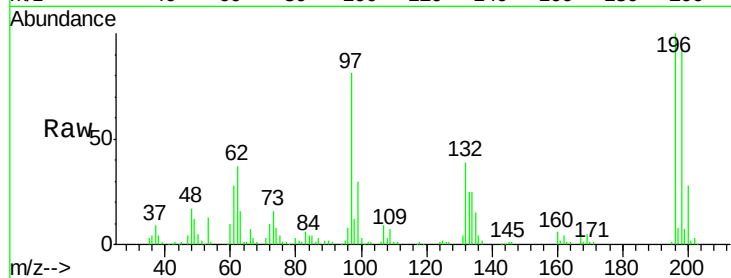




#43  
 2,4,5-Trichlorophenol  
 Concen: 34.27 ng  
 RT: 8.70 min Scan# 622  
 Delta R.T. 0.00 min  
 Lab File: BF081433.D  
 Acq: 4 Sep 2015 22:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-11(5-7)MS

| Tot Ion   | 196   | Resp  | 86483 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 196       | 100   |       |       |
| 198       | 93.0  | 75.4  | 113.0 |
| 97        | 81.3  | 33.3  | 49.9# |
| 132       | 38.6  | 24.6  | 37.0# |



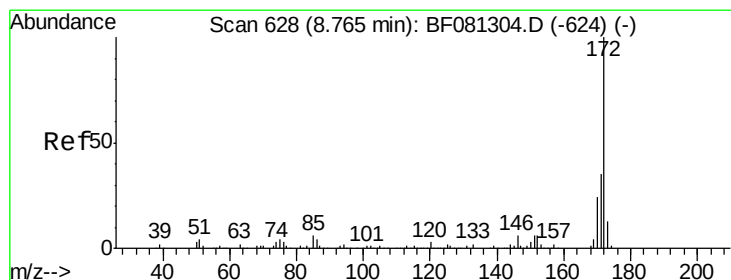
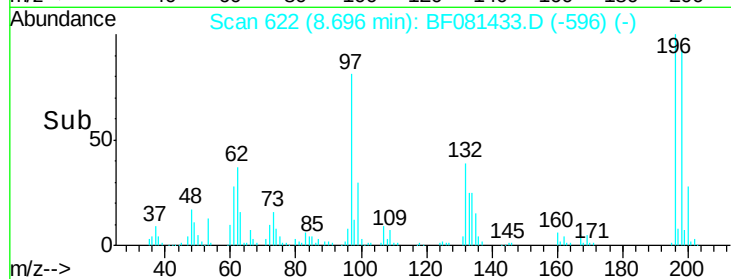
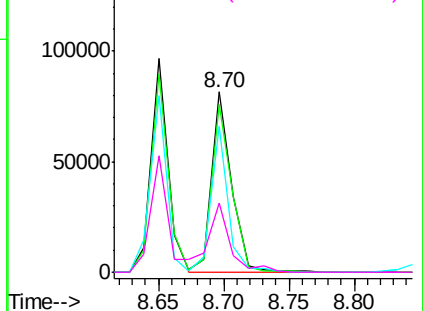
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

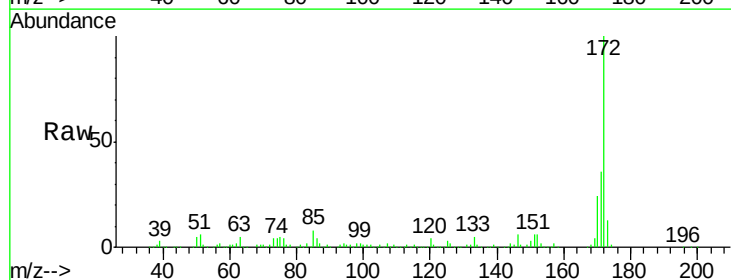
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 63.43 ng  
 RT: 8.73 min Scan# 625  
 Delta R.T. -0.01 min  
 Lab File: BF081433.D  
 Acq: 4 Sep 2015 22:26

| Tgt Ion   | 172   | Resp  | 561002 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 35.7  | 26.1  | 39.1   |
| 170       | 24.1  | 17.4  | 26.2   |

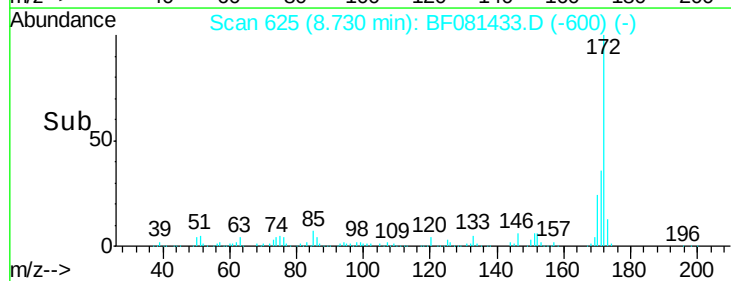
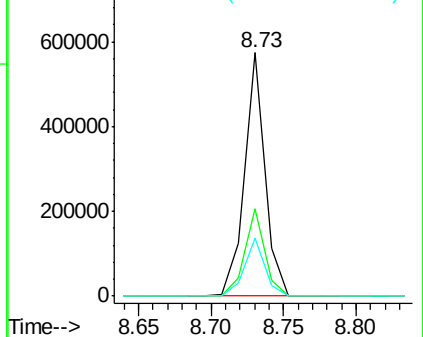


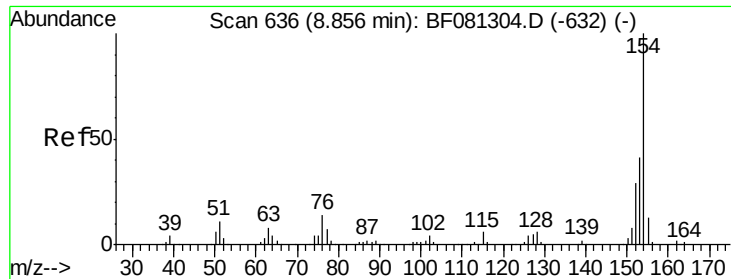
Abundance

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: 33.18 ng

RT: 8.83 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF081433.D

Acq: 4 Sep 2015 22:26

Instrument :

BNA\_F

ClientSampleId :

SB-11(5-7)MS

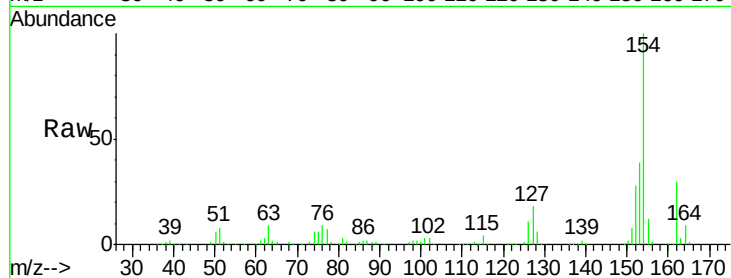
Tot Ion:154 Resp: 345961

Ion Ratio Lower Upper

154 100

153 39.4 17.1 57.1

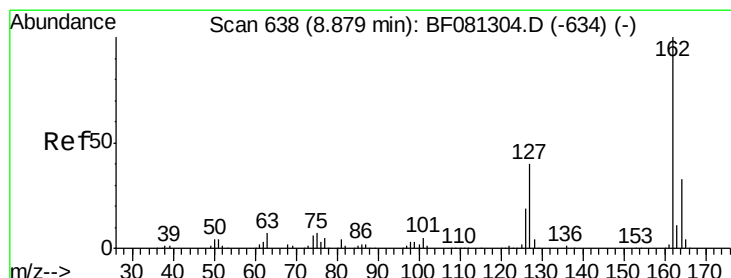
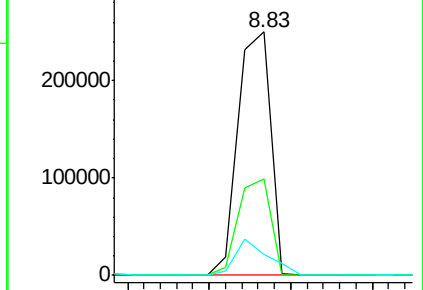
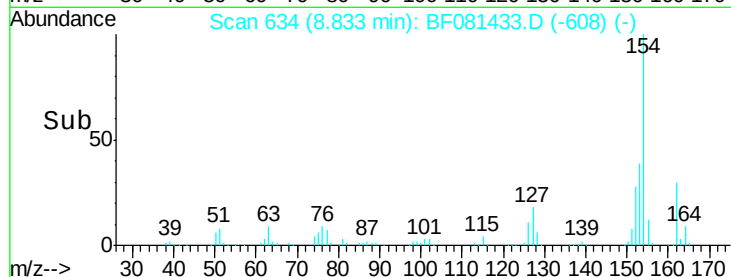
76 8.8 0.0 31.6



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



#46

2-Chloronaphthalene

Concen: 36.52 ng

RT: 8.84 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF081433.D

Acq: 4 Sep 2015 22:26

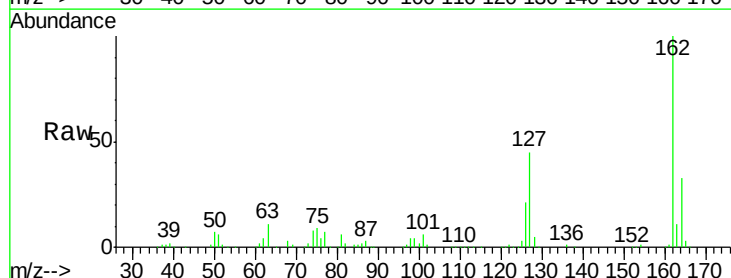
Tgt Ion:162 Resp: 274960

Ion Ratio Lower Upper

162 100

127 44.8 27.6 41.4#

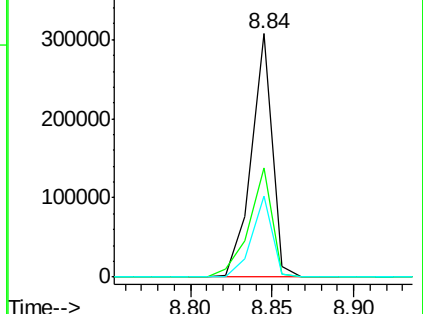
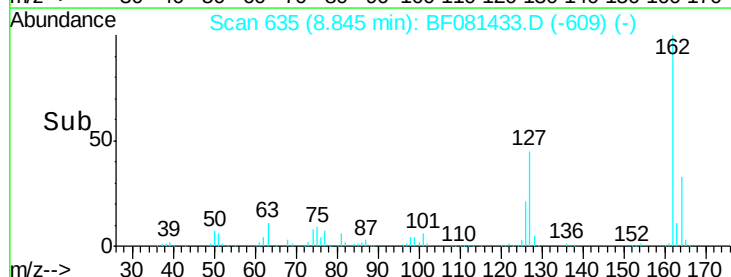
164 33.1 25.4 38.2

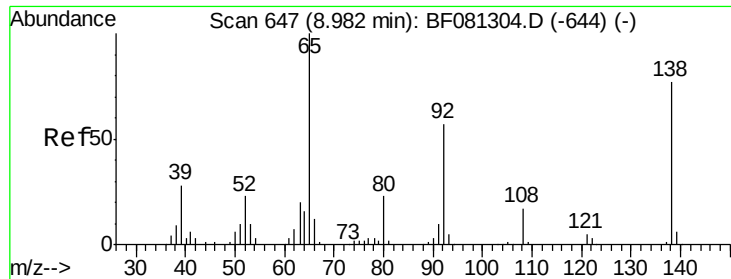


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

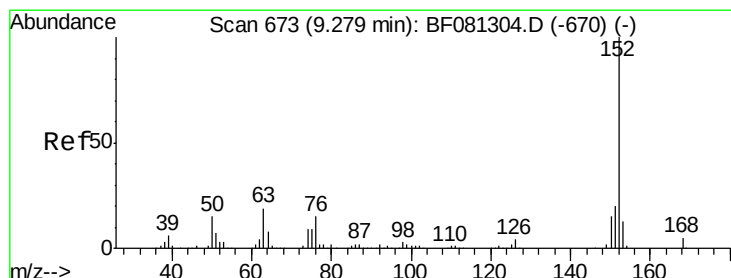
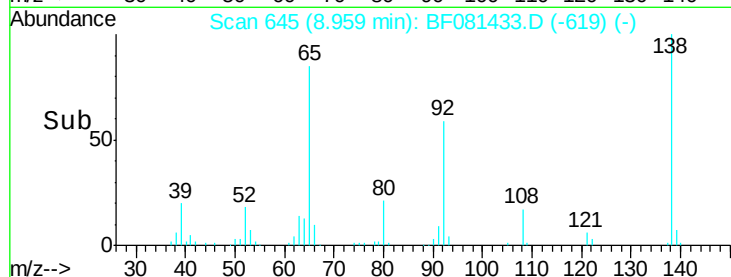
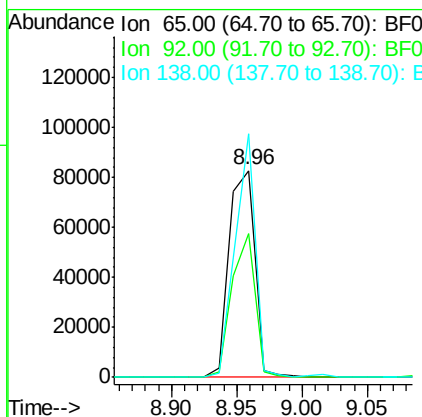
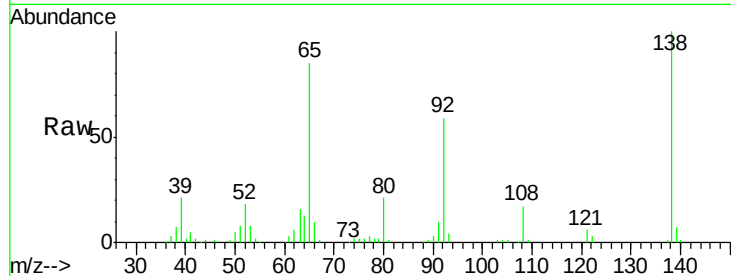




#47  
 2-Nitroaniline  
 Concen: 37.06 ng  
 RT: 8.96 min Scan# 645  
 Delta R.T. 0.00 min  
 Lab File: BF081433.D  
 Acq: 4 Sep 2015 22:26

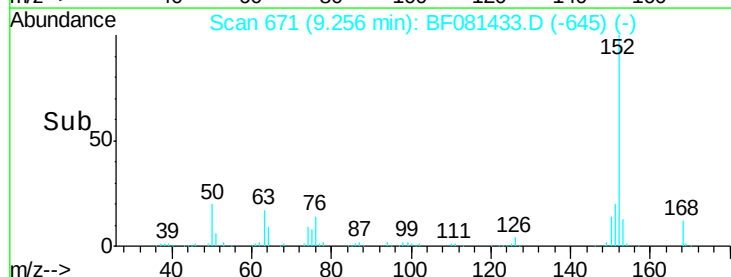
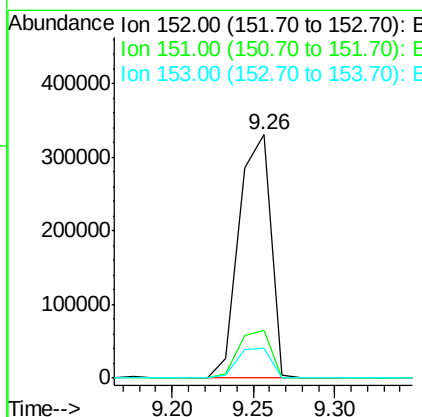
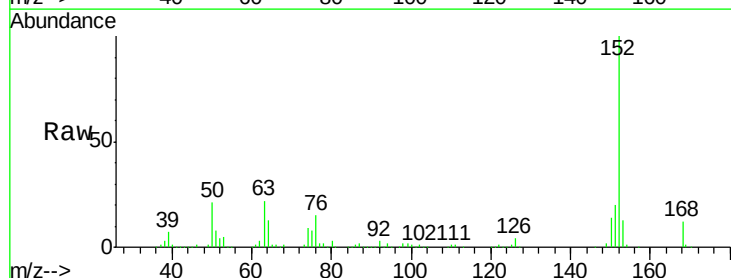
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-11(5-7)MS

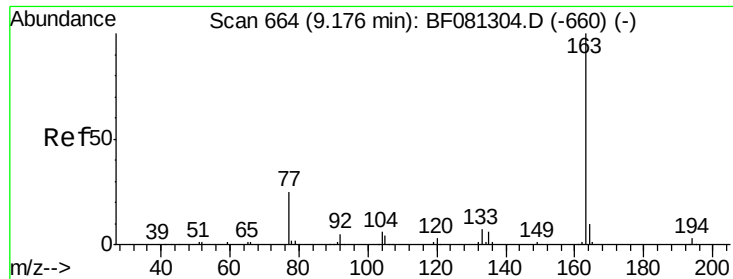
Tot Ion: 65 Resp: 113724  
 Ion Ratio Lower Upper  
 65 100  
 92 69.4 55.4 83.0  
 138 117.7 115.5 173.3



#48  
 Acenaphthylene  
 Concen: 33.23 ng  
 RT: 9.26 min Scan# 671  
 Delta R.T. 0.00 min  
 Lab File: BF081433.D  
 Acq: 4 Sep 2015 22:26

Tgt Ion: 152 Resp: 443944  
 Ion Ratio Lower Upper  
 152 100  
 151 19.8 14.6 22.0  
 153 12.5 10.3 15.5

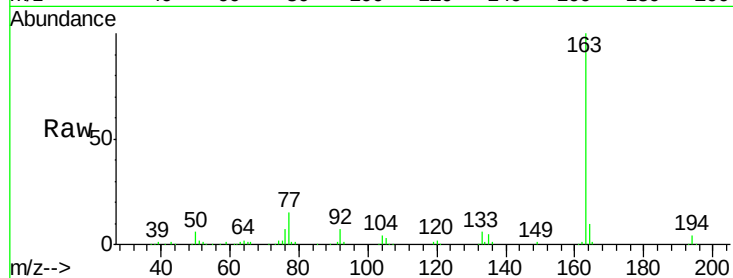




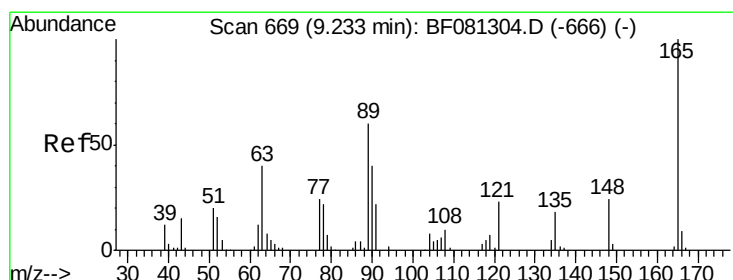
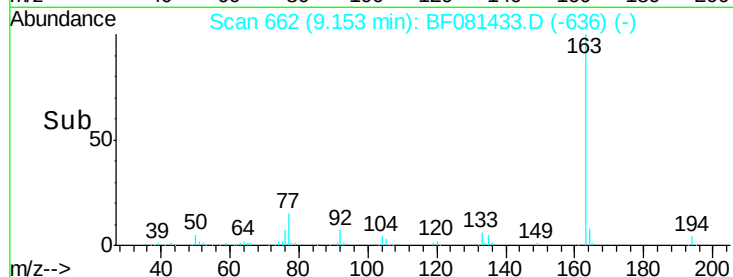
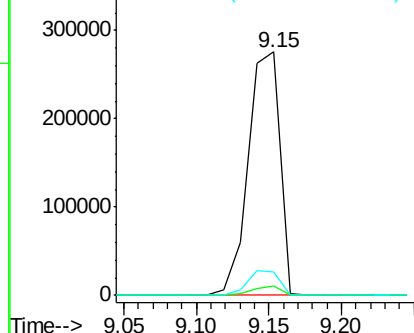
#49  
Dimethylphthalate  
Concen: 47.30 ng  
RT: 9.15 min Scan# 662  
Delta R.T. 0.00 min  
Lab File: BF081433.D  
Acq: 4 Sep 2015 22:26

Instrument :  
BNA\_F  
ClientSampleId :  
SB-11(5-7)MS

Tot Ion:163 Resp: 416465  
Ion Ratio Lower Upper  
163 100  
194 3.6 4.4 6.6#  
164 9.6 8.3 12.5

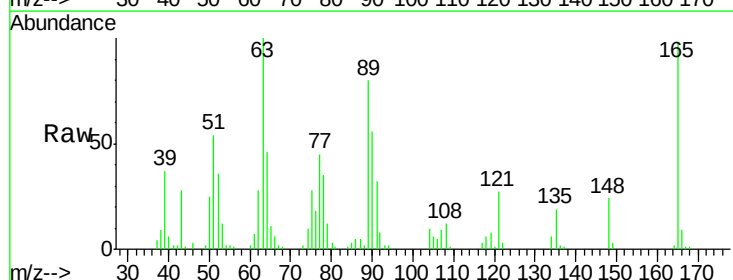


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

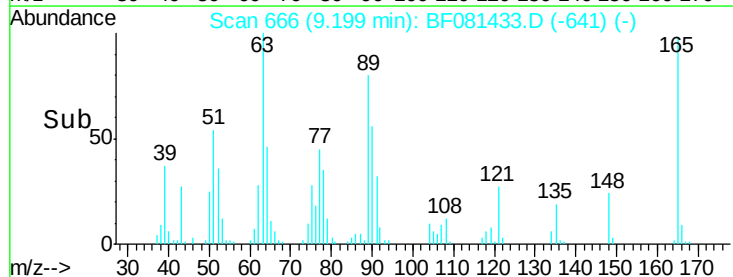
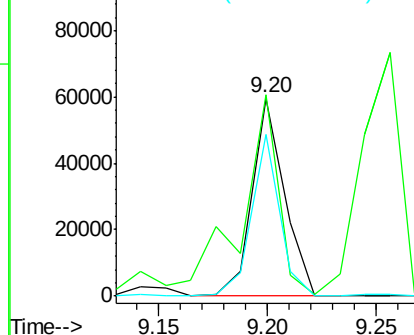


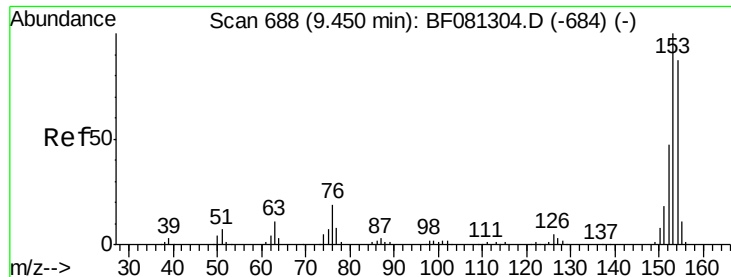
#50  
2,6-Dinitrotoluene  
Concen: 30.67 ng  
RT: 9.20 min Scan# 666  
Delta R.T. -0.01 min  
Lab File: BF081433.D  
Acq: 4 Sep 2015 22:26

Tgt Ion:165 Resp: 61305  
Ion Ratio Lower Upper  
165 100  
63 101.7 32.3 48.5#  
89 81.8 28.6 43.0#



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

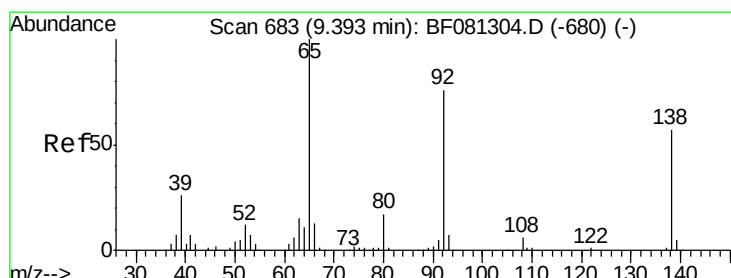
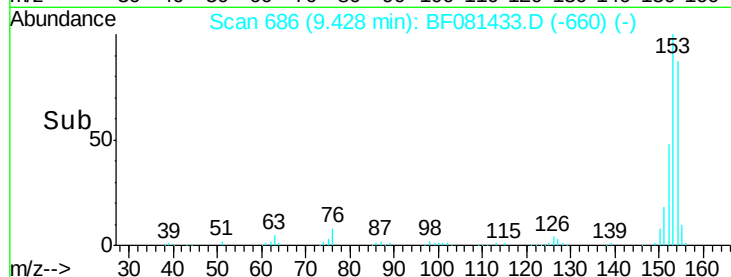
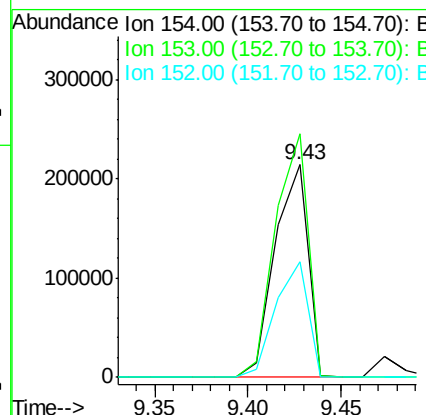
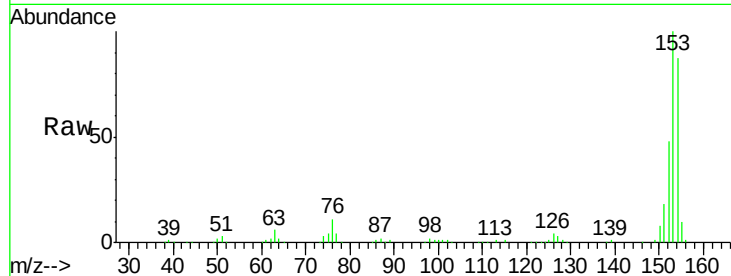




#51  
Acenaphthene  
Concen: 34.70 ng  
RT: 9.43 min Scan# 686  
Delta R.T. 0.00 min  
Lab File: BF081433.D  
Acq: 4 Sep 2015 22:26

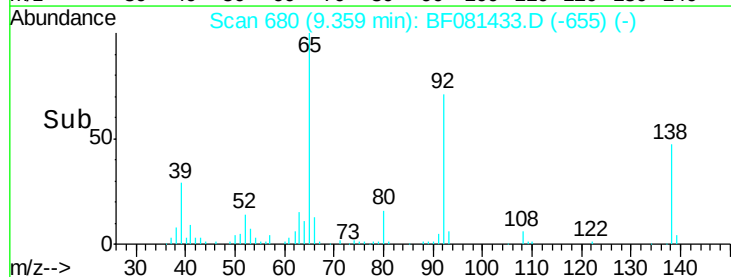
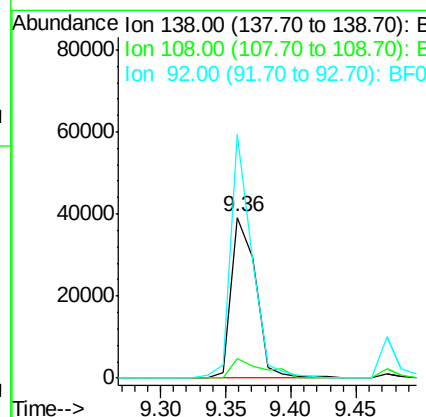
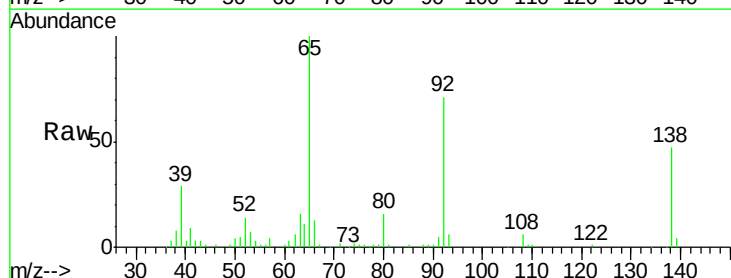
Instrument :  
BNA\_F  
ClientSampleId :  
SB-11(5-7)MS

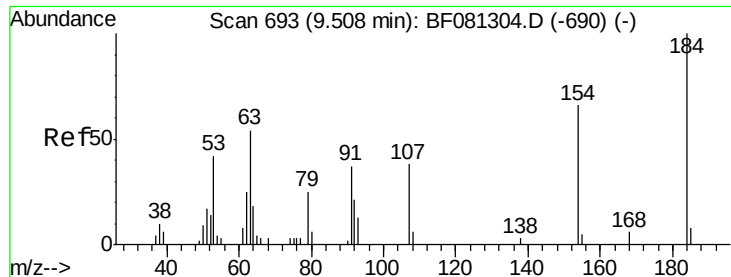
Tot Ion:154 Resp: 263677  
Ion Ratio Lower Upper  
154 100  
153 114.4 82.1 123.1  
152 54.5 37.9 56.9



#52  
3-Nitroaniline  
Concen: 22.56 ng  
RT: 9.36 min Scan# 680  
Delta R.T. -0.01 min  
Lab File: BF081433.D  
Acq: 4 Sep 2015 22:26

Tgt Ion:138 Resp: 51321  
Ion Ratio Lower Upper  
138 100  
108 12.5 5.7 8.5#  
92 151.3 67.7 101.5#

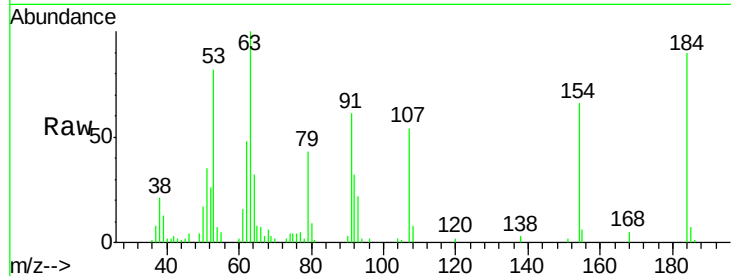




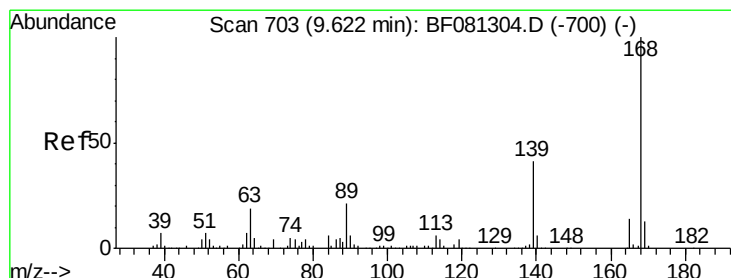
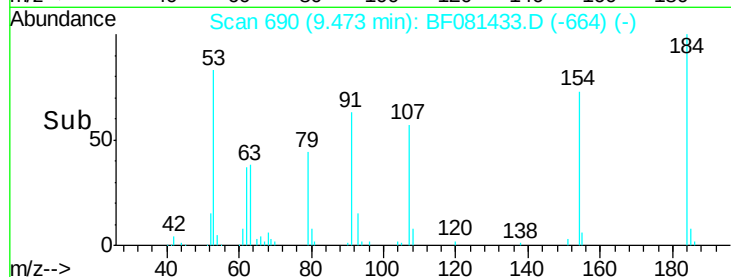
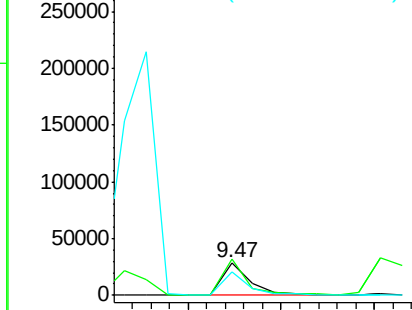
#53  
 2,4-Dinitrophenol  
 Concen: 36.56 ng  
 RT: 9.47 min Scan# 690  
 Delta R.T. 0.00 min  
 Lab File: BF081433.D  
 Acq: 4 Sep 2015 22:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-11(5-7)MS

Tot Ion:184 Resp: 30776  
 Ion Ratio Lower Upper  
 184 100  
 63 110.5 35.4 53.2#  
 154 73.2 32.2 48.4#

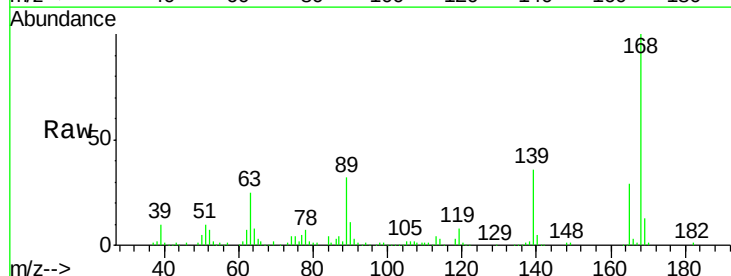


Abundance Ion 184.00 (183.70 to 184.70): E  
 Ion 63.00 (62.70 to 63.70): BF0  
 Ion 154.00 (153.70 to 154.70): E

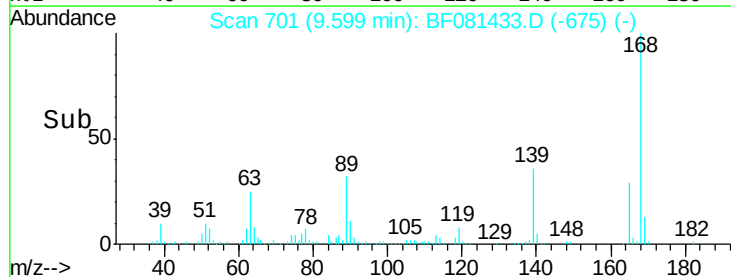
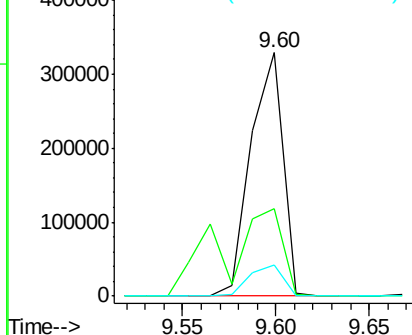


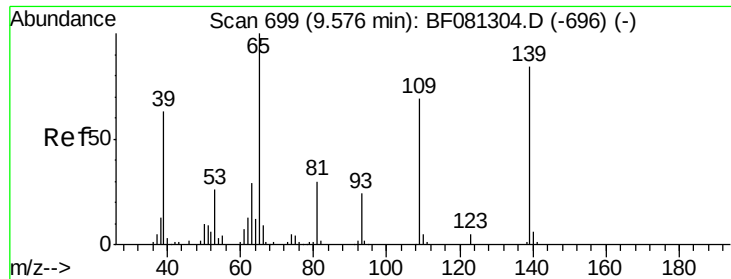
#54  
 Dibenzofuran  
 Concen: 35.27 ng  
 RT: 9.60 min Scan# 701  
 Delta R.T. 0.00 min  
 Lab File: BF081433.D  
 Acq: 4 Sep 2015 22:26

Tgt Ion:168 Resp: 391362  
 Ion Ratio Lower Upper  
 168 100  
 139 36.0 24.2 36.2  
 169 12.9 10.6 15.8



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





#55

4-Nitrophenol

Concen: 75.67 ng

RT: 9.56 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF081433.D

Acq: 4 Sep 2015 22:26

Instrument :

BNA\_F

ClientSampleId :

SB-11(5-7)MS

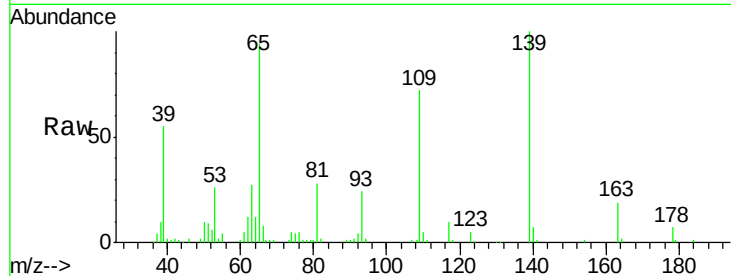
Tot Ion:139 Resp: 108157

Ion Ratio Lower Upper

139 100

109 71.8 12.7 52.7#

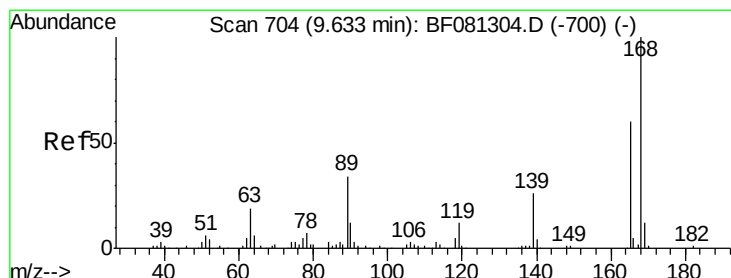
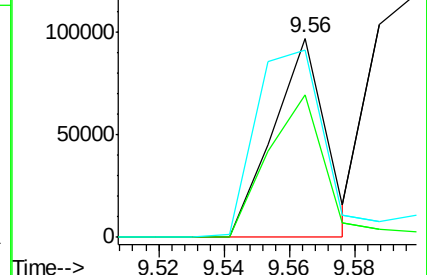
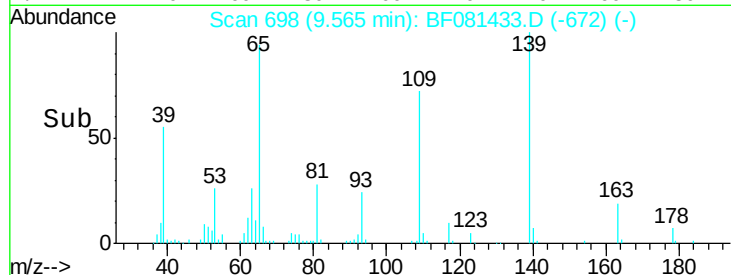
65 94.0 45.9 85.9#



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): BF0



#56

2,4-Dinitrotoluene

Concen: 32.91 ng

RT: 9.60 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF081433.D

Acq: 4 Sep 2015 22:26

Tgt Ion:165 Resp: 83736

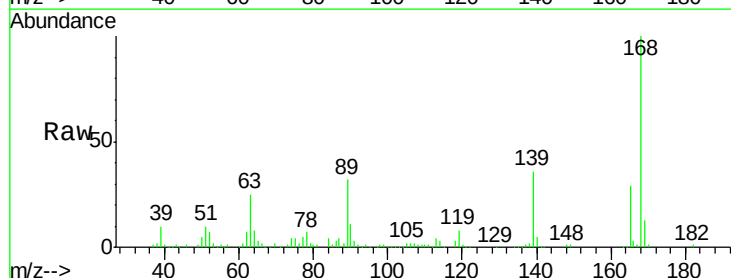
Ion Ratio Lower Upper

165 100

63 85.3 29.8 44.6#

89 108.9 44.5 66.7#

182 2.0 3.0 4.4#

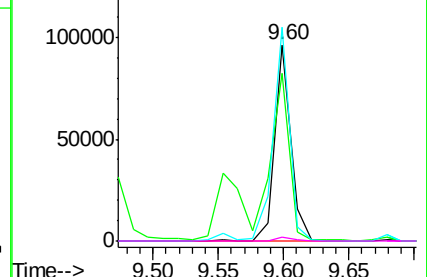
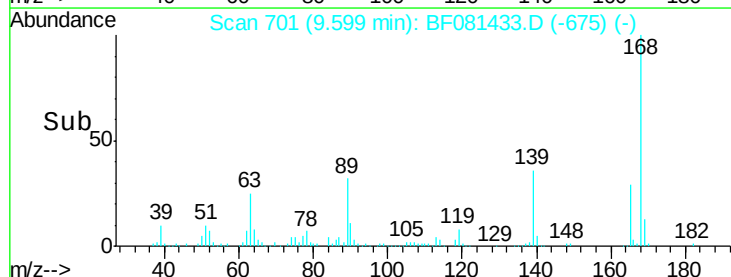


Abundance Ion 165.00 (164.70 to 165.70): E

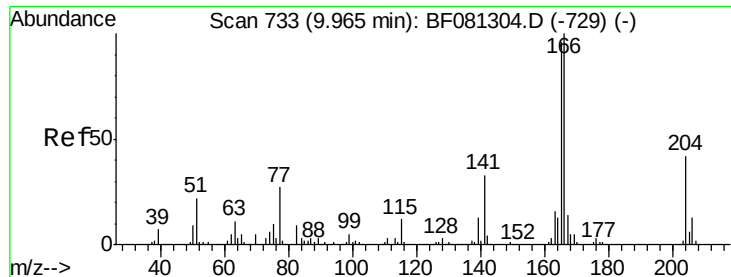
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E







#57

Fluorene

Concen: 34.11 ng

RT: 9.93 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF081433.D

Acq: 4 Sep 2015 22:26

Instrument :

BNA\_F

ClientSampleId :

SB-11(5-7)MS

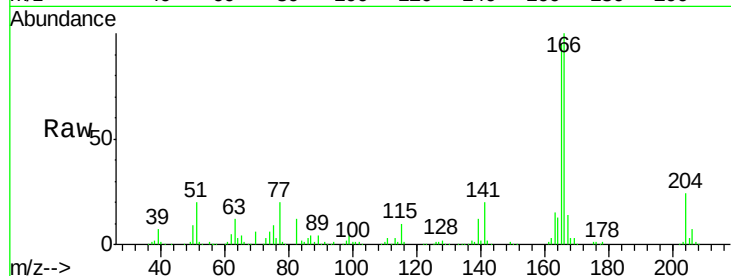
Tot Ion:166 Resp: 287226

Ion Ratio Lower Upper

166 100

165 94.8 72.6 109.0

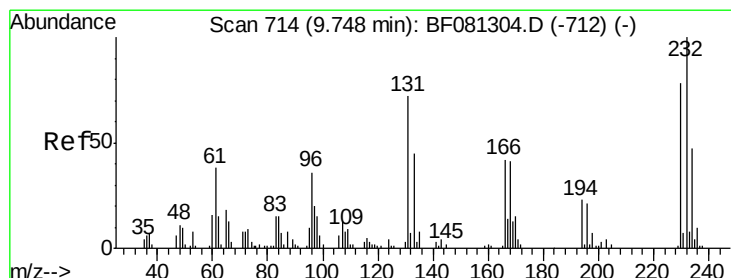
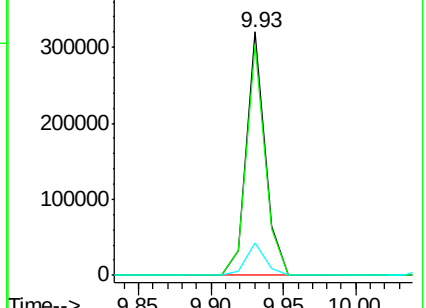
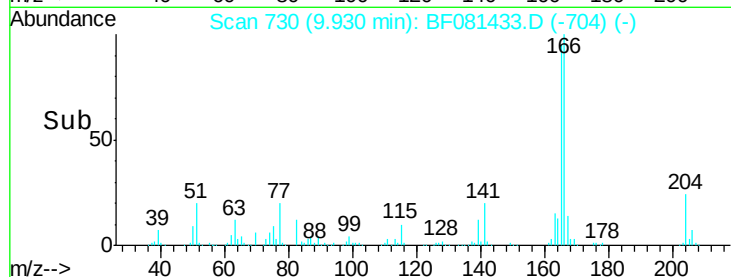
167 13.6 10.6 16.0



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.14 ng

RT: 9.72 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF081433.D

Acq: 4 Sep 2015 22:26

Tgt Ion:232 Resp: 73487

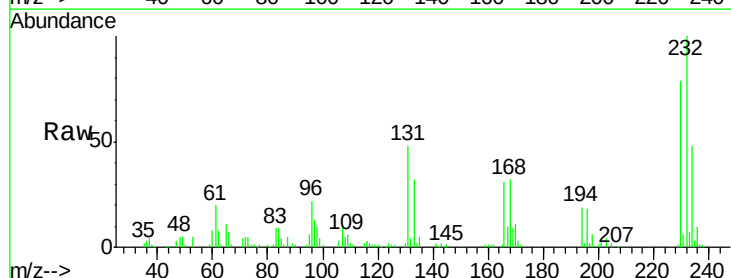
Ion Ratio Lower Upper

232 100

131 54.0 38.5 57.7

130 2.5 1.8 2.6

166 32.7 25.0 37.6

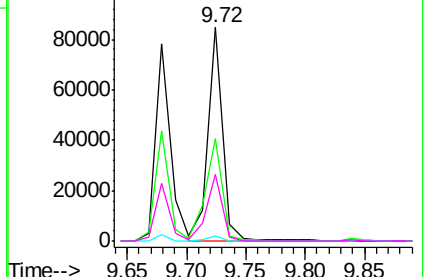
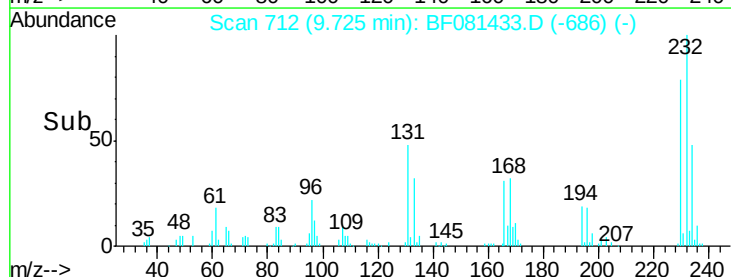


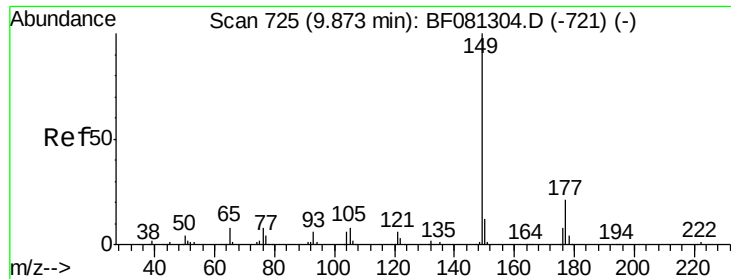
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

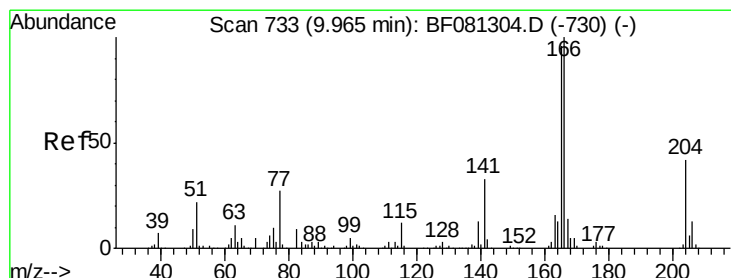
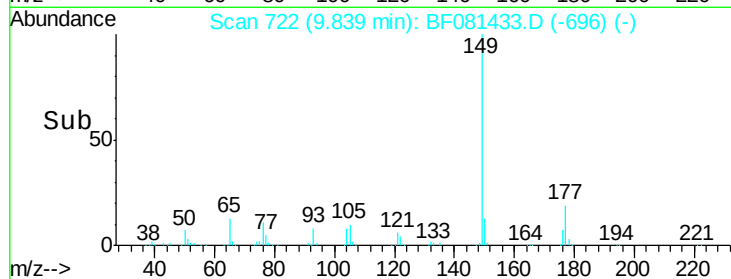
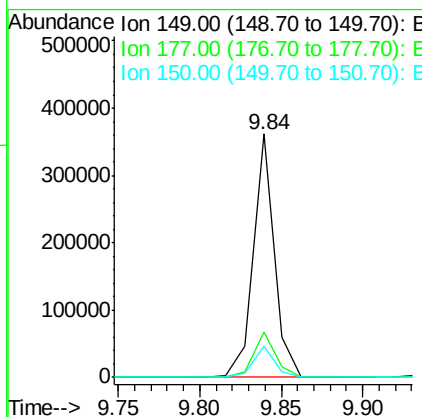
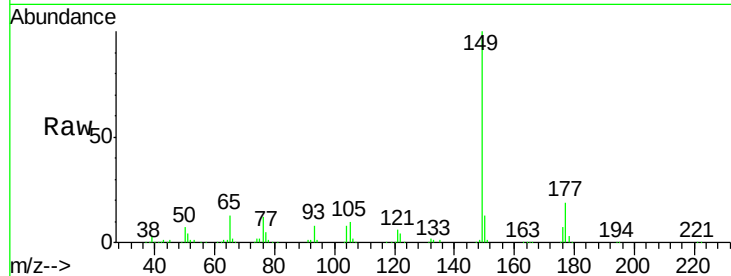




#59  
Diethylphthalate  
Concen: 34.91 ng  
RT: 9.84 min Scan# 722  
Delta R.T. 0.00 min  
Lab File: BF081433.D  
Acq: 4 Sep 2015 22:26

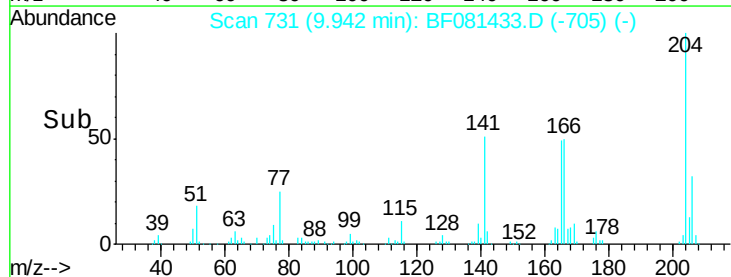
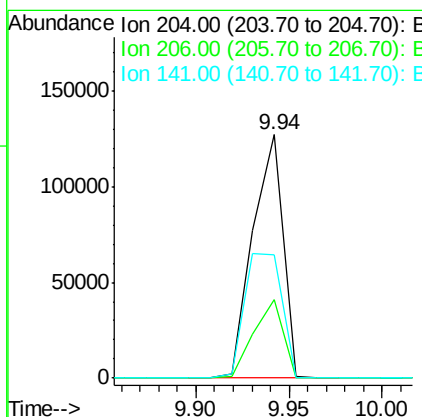
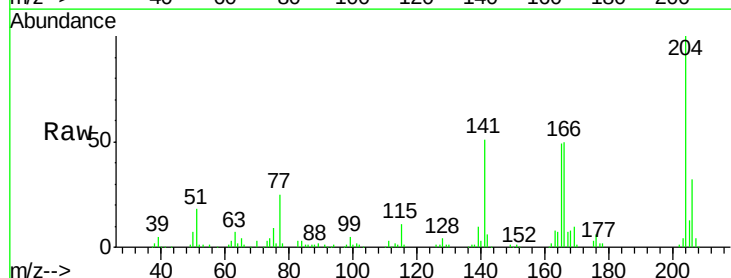
Instrument :  
BNA\_F  
ClientSampleId :  
SB-11(5-7)MS

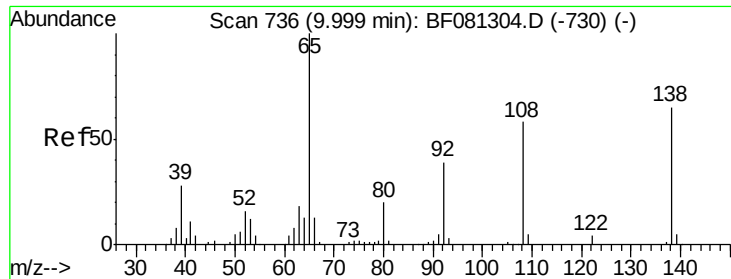
Tot Ion:149 Resp: 323341  
Ion Ratio Lower Upper  
149 100  
177 18.6 17.5 26.3  
150 12.7 9.4 14.2



#60  
4-Chlorophenyl-phenylether  
Concen: 36.20 ng  
RT: 9.94 min Scan# 731  
Delta R.T. 0.00 min  
Lab File: BF081433.D  
Acq: 4 Sep 2015 22:26

Tgt Ion:204 Resp: 142061  
Ion Ratio Lower Upper  
204 100  
206 32.3 24.8 37.2  
141 50.7 42.2 63.4

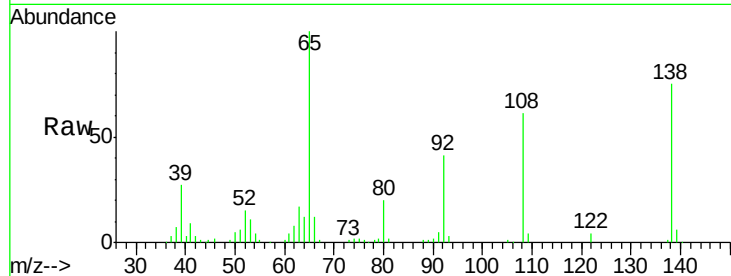




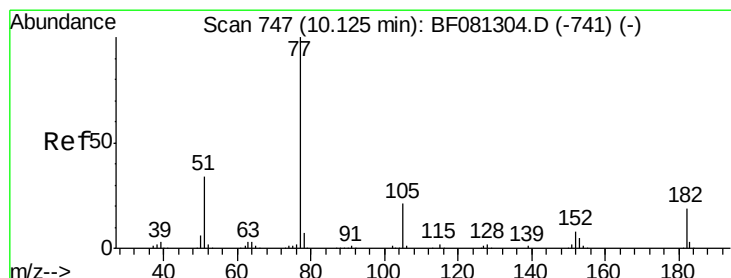
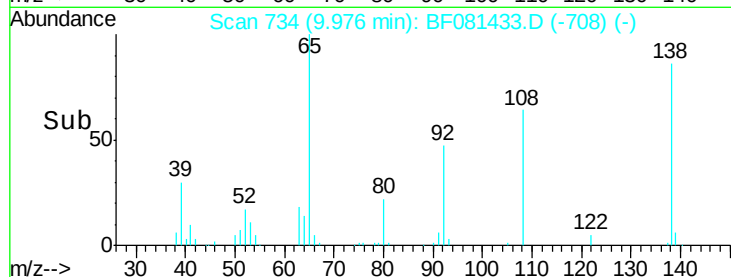
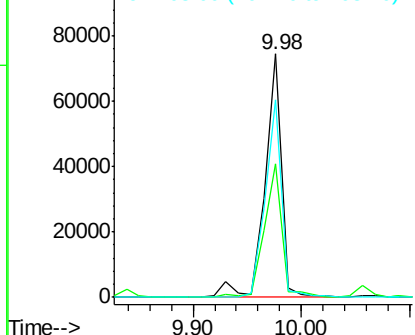
#61  
4-Nitroaniline  
Concen: 34.87 ng  
RT: 9.98 min Scan# 734  
Delta R.T. 0.00 min  
Lab File: BF081433.D  
Acq: 4 Sep 2015 22:26

Instrument :  
BNA\_F  
ClientSampleId :  
SB-11(5-7)MS

Tot Ion:138 Resp: 80144  
Ion Ratio Lower Upper  
138 100  
92 55.0 12.6 52.6#  
108 81.0 12.4 52.4#

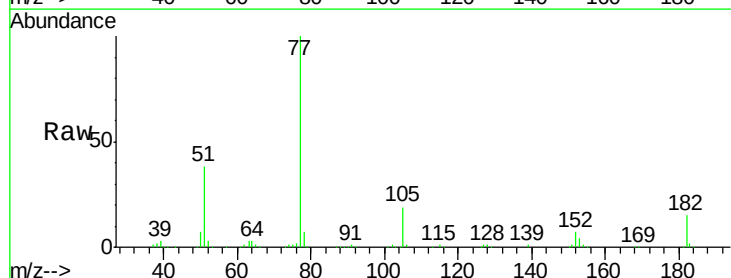


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BF0  
Ion 108.00 (107.70 to 108.70): E

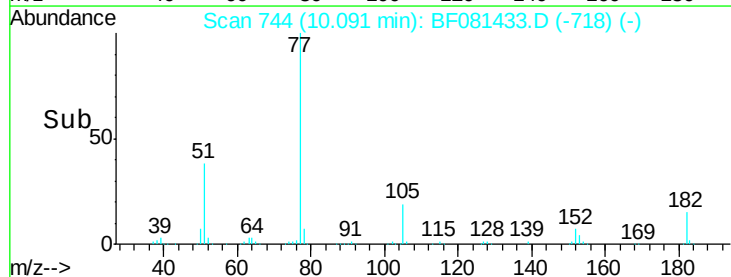
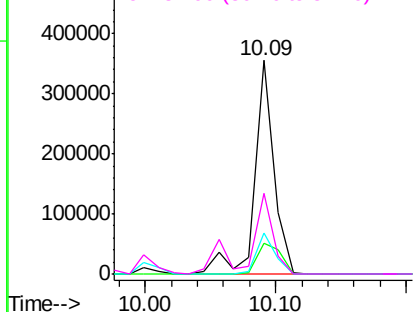


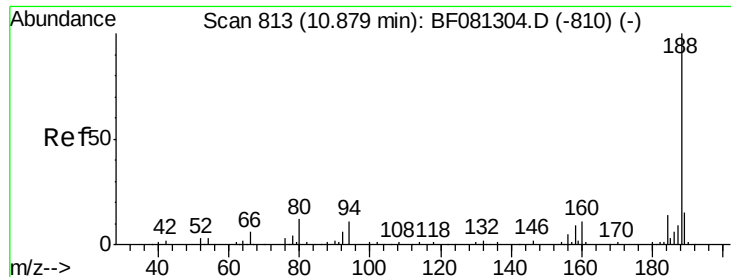
#62  
Azobenzene  
Concen: 35.77 ng  
RT: 10.09 min Scan# 744  
Delta R.T. 0.00 min  
Lab File: BF081433.D  
Acq: 4 Sep 2015 22:26

Tgt Ion: 77 Resp: 368396  
Ion Ratio Lower Upper  
77 100  
182 14.5 15.1 55.1#  
105 19.0 3.4 43.4  
51 37.6 12.0 52.0



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

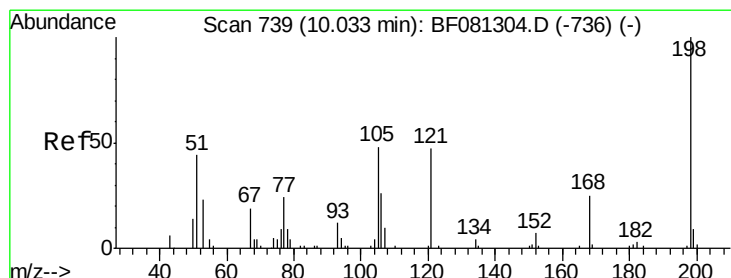
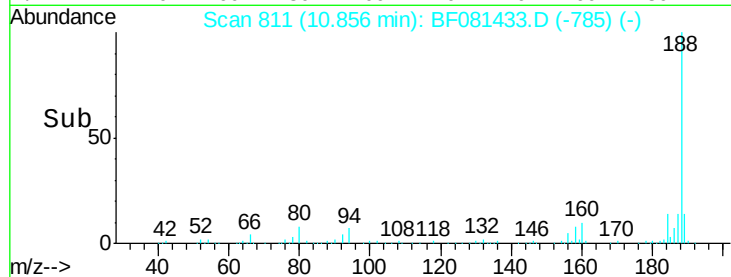
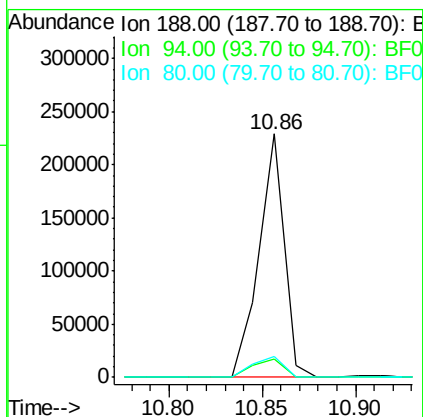
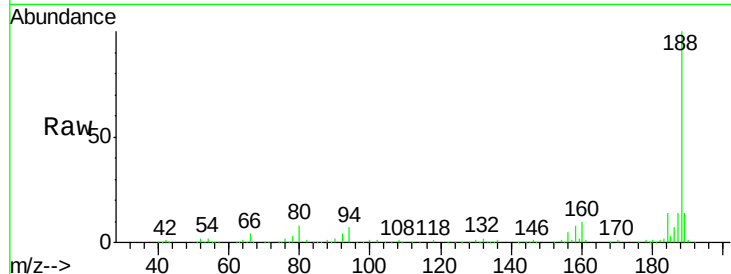




#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 10.86 min Scan# 811  
 Delta R.T. 0.00 min  
 Lab File: BF081433.D  
 Acq: 4 Sep 2015 22:26

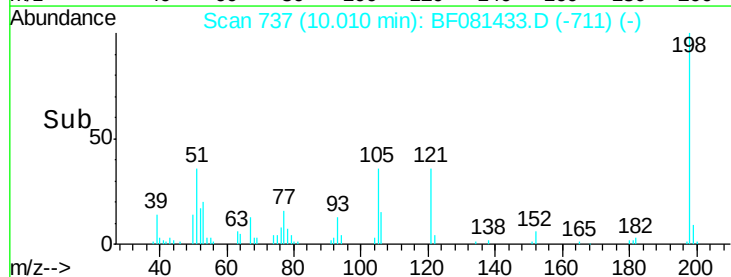
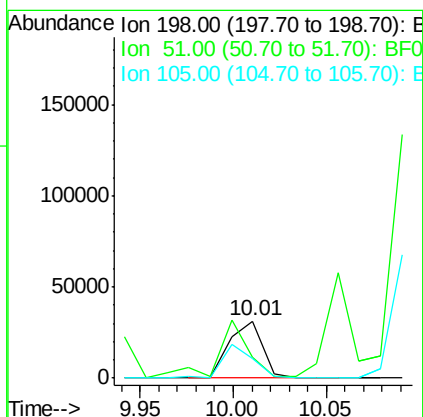
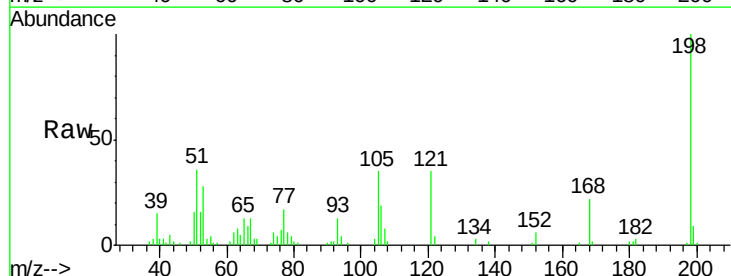
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-11(5-7)MS

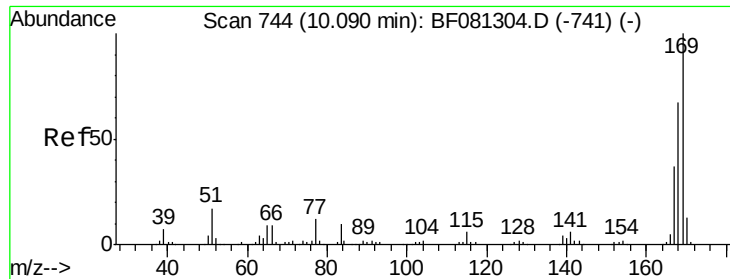
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 7.5   | 11.1  | 16.7# |
| 80      | 8.4   | 11.0  | 16.4# |



#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 32.17 ng  
 RT: 10.01 min Scan# 737  
 Delta R.T. 0.00 min  
 Lab File: BF081433.D  
 Acq: 4 Sep 2015 22:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 35.7  | 39.6  | 79.6# |
| 105     | 34.7  | 28.5  | 68.5  |

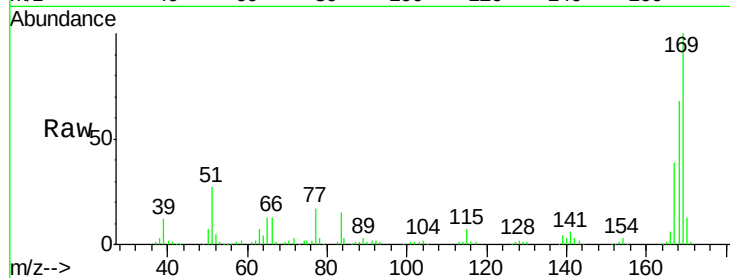




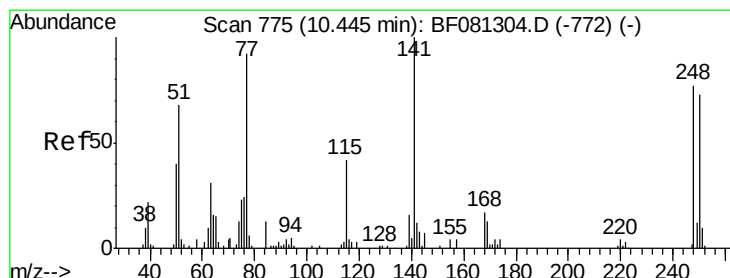
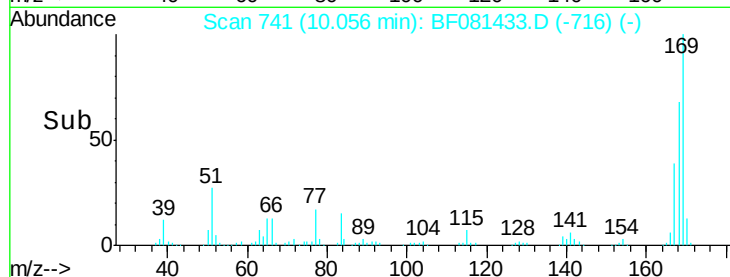
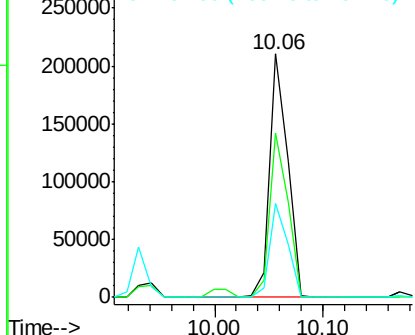
#65  
 n-Nitrosodiphenylamine  
 Concen: 31.08 ng  
 RT: 10.06 min Scan# 741  
 Delta R.T. -0.01 min  
 Lab File: BF081433.D  
 Acq: 4 Sep 2015 22:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-11(5-7)MS

Tot Ion:169 Resp: 242280  
 Ion Ratio Lower Upper  
 169 100  
 168 67.6 48.9 73.3  
 167 38.5 26.2 39.4

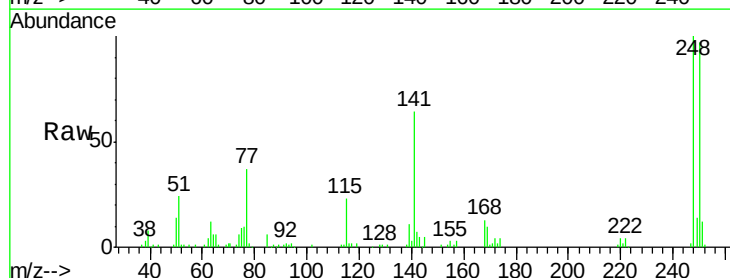


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

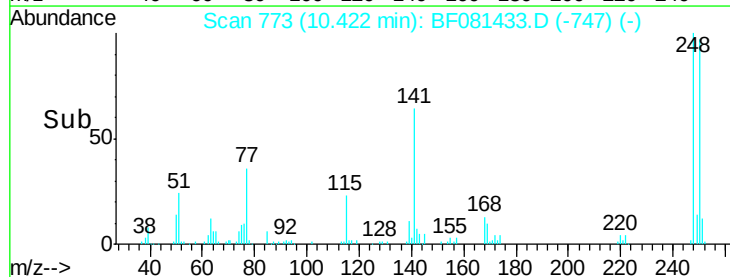
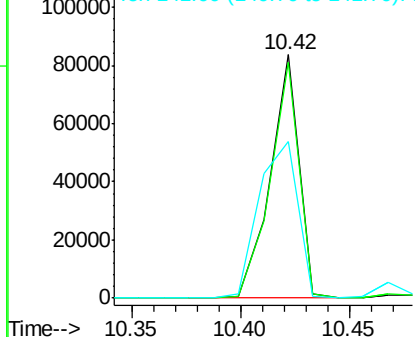


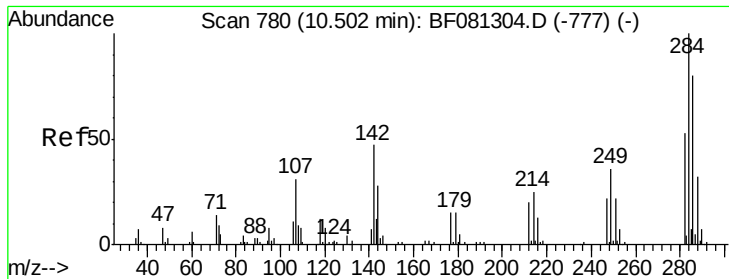
#66  
 4-Bromophenyl-phenylether  
 Concen: 35.73 ng  
 RT: 10.42 min Scan# 773  
 Delta R.T. 0.00 min  
 Lab File: BF081433.D  
 Acq: 4 Sep 2015 22:26

Tgt Ion:248 Resp: 77398  
 Ion Ratio Lower Upper  
 248 100  
 250 97.1 78.5 117.7  
 141 64.3 59.0 88.6



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





#67

Hexachlorobenzene

Concen: 33.16 ng

RT: 10.48 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF081433.D

Acq: 4 Sep 2015 22:26

Instrument :

BNA\_F

ClientSampleId :

SB-11(5-7)MS

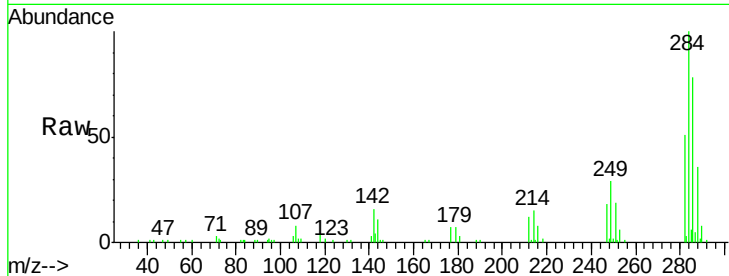
Tot Ion:284 Resp: 75112

Ion Ratio Lower Upper

284 100

142 16.3 29.5 44.3#

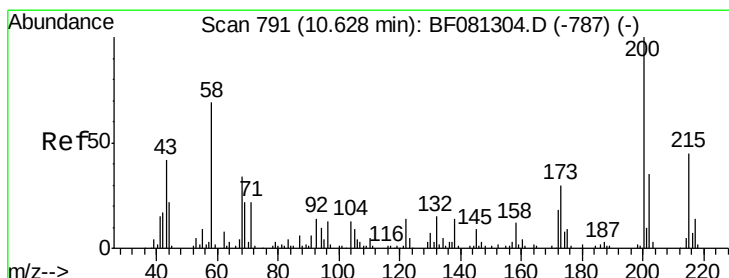
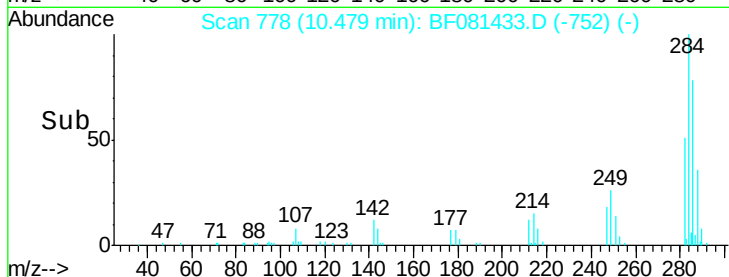
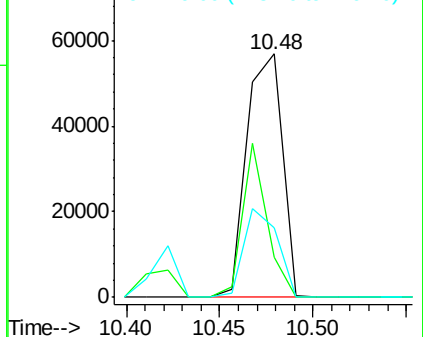
249 28.7 19.5 29.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 34.78 ng

RT: 10.59 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF081433.D

Acq: 4 Sep 2015 22:26

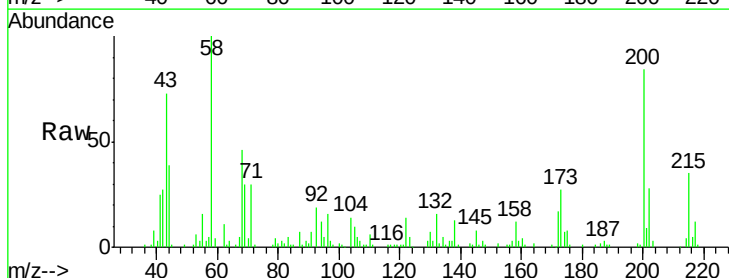
Tgt Ion:200 Resp: 78459

Ion Ratio Lower Upper

200 100

173 31.8 13.2 53.2

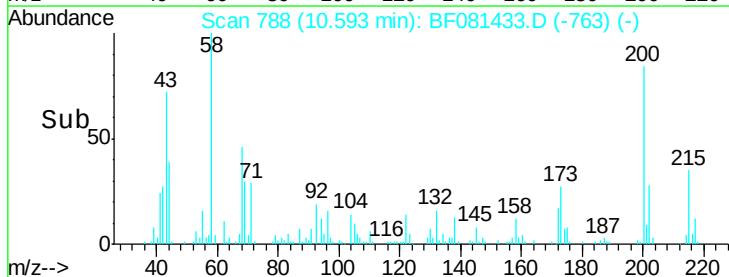
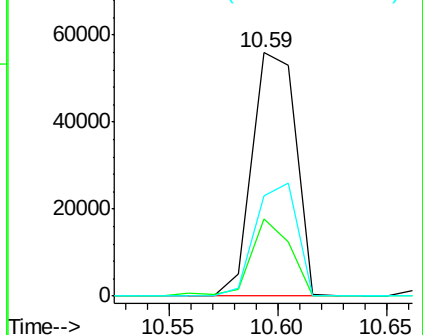
215 41.3 41.8 81.8#

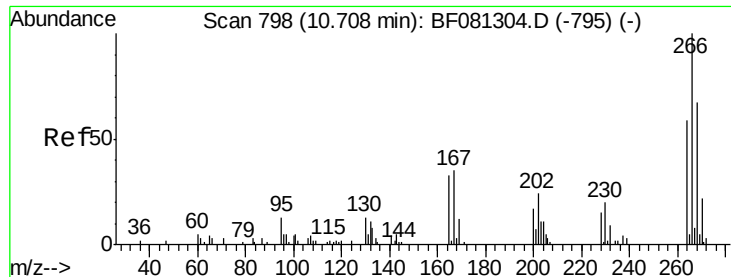


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

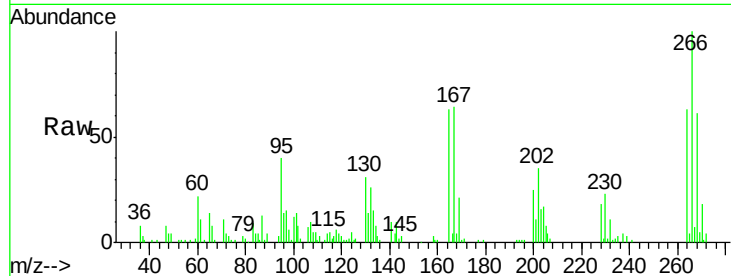




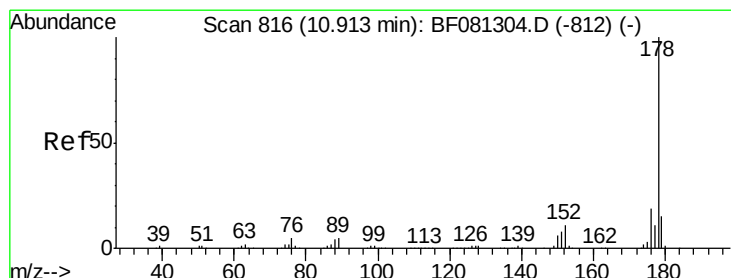
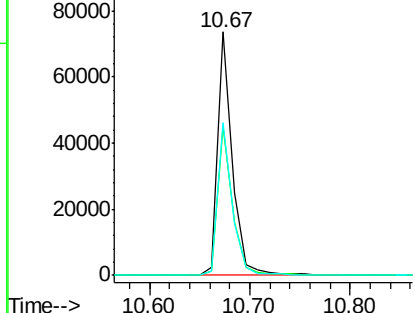
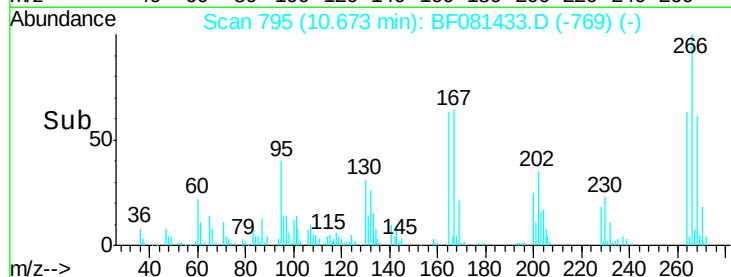
#69  
 Pentachlorophenol  
 Concen: 68.92 ng  
 RT: 10.67 min Scan# 795  
 Delta R.T. 0.00 min  
 Lab File: BF081433.D  
 Acq: 4 Sep 2015 22:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-11(5-7)MS

Tot Ion:266 Resp: 74501  
 Ion Ratio Lower Upper  
 266 100  
 268 61.3 49.8 74.6  
 264 62.8 50.2 75.2

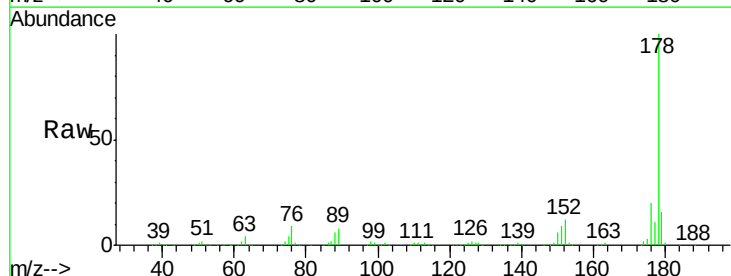


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

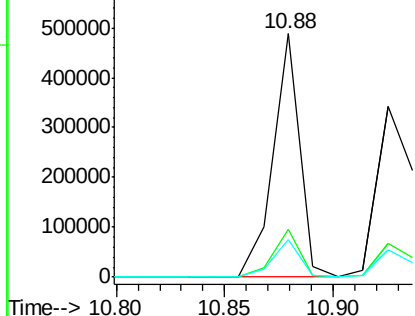
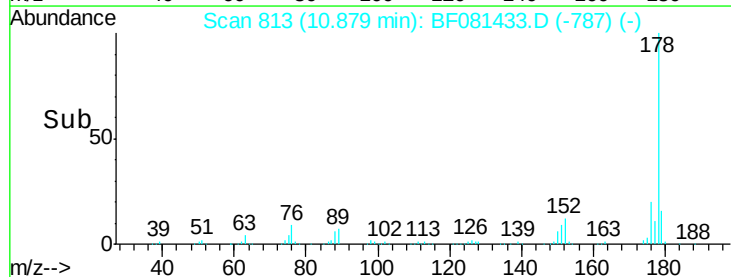


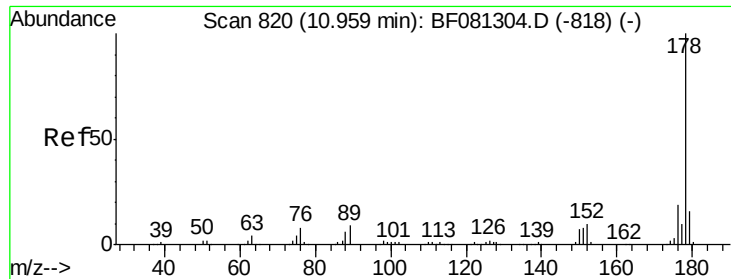
#70  
 Phenanthrene  
 Concen: 35.34 ng  
 RT: 10.88 min Scan# 813  
 Delta R.T. 0.00 min  
 Lab File: BF081433.D  
 Acq: 4 Sep 2015 22:26

Tgt Ion:178 Resp: 420923  
 Ion Ratio Lower Upper  
 178 100  
 176 19.5 13.8 20.8  
 179 15.7 12.2 18.2



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

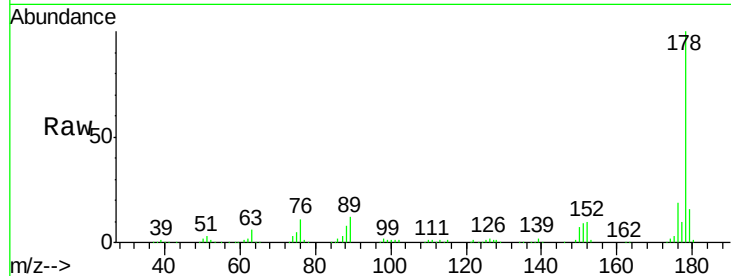




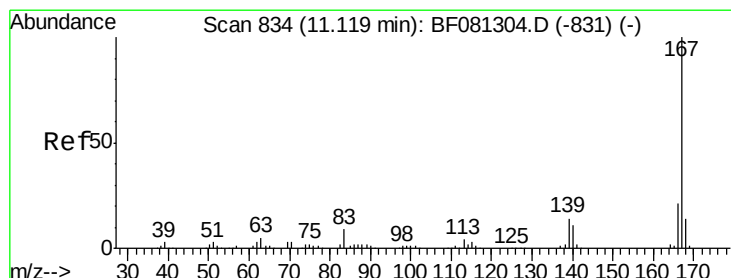
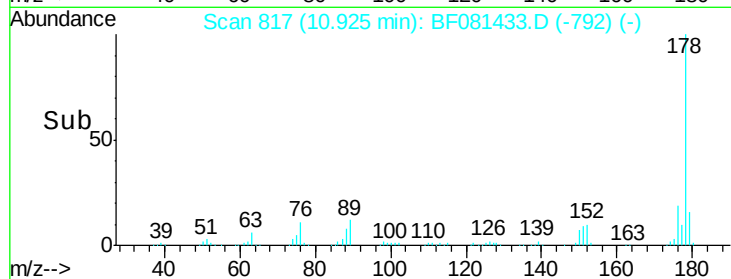
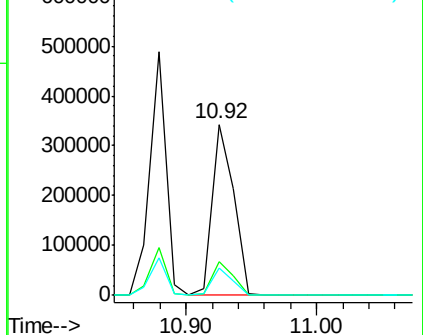
#71  
 Anthracene  
 Concen: 32.37 ng  
 RT: 10.92 min Scan# 817  
 Delta R.T. -0.01 min  
 Lab File: BF081433.D  
 Acq: 4 Sep 2015 22:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-11(5-7)MS

Tot Ion:178 Resp: 396145  
 Ion Ratio Lower Upper  
 178 100  
 176 19.4 14.1 21.1  
 179 15.6 12.2 18.2

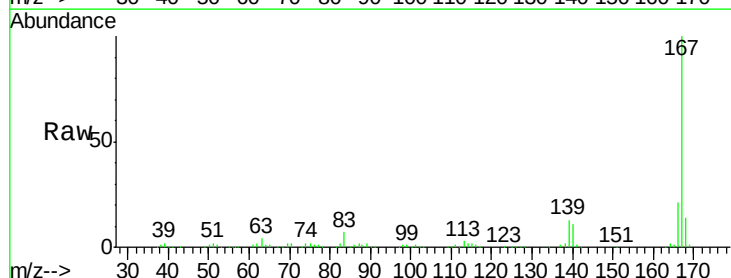


Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

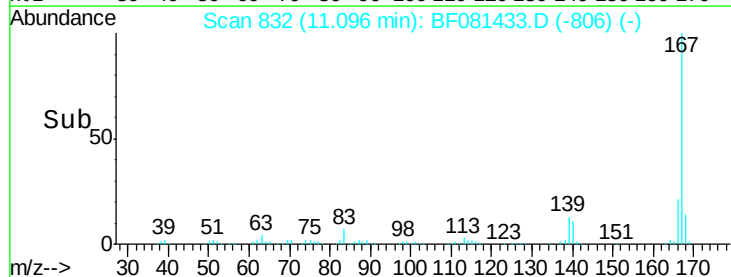
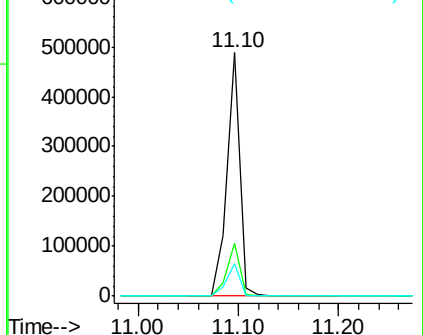


#72  
 Carbazole  
 Concen: 38.00 ng  
 RT: 11.10 min Scan# 832  
 Delta R.T. 0.00 min  
 Lab File: BF081433.D  
 Acq: 4 Sep 2015 22:26

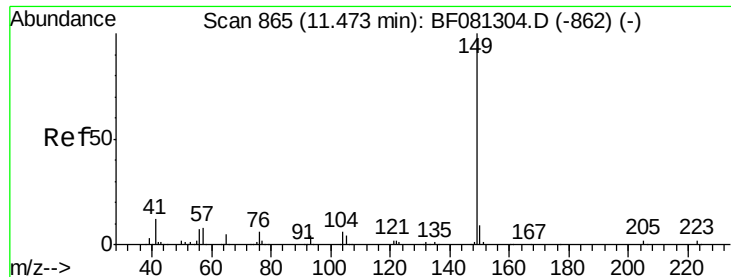
Tgt Ion:167 Resp: 436377  
 Ion Ratio Lower Upper  
 167 100  
 166 21.5 15.7 23.5  
 139 13.4 9.5 14.3



Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E







#73

Di-n-butylphthalate

Concen: 38.30 ng

RT: 11.45 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF081433.D

Acq: 4 Sep 2015 22:26

Instrument :

BNA\_F

ClientSampleId :

SB-11(5-7)MS

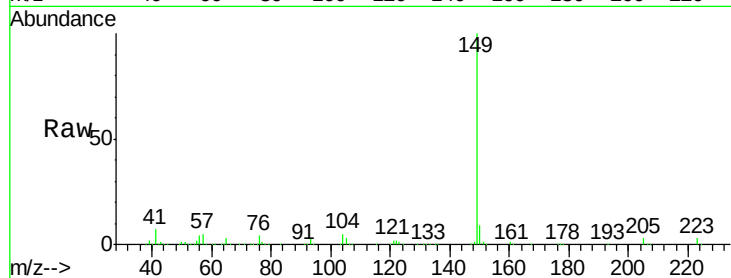
Tot Ion:149 Resp: 519362

Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

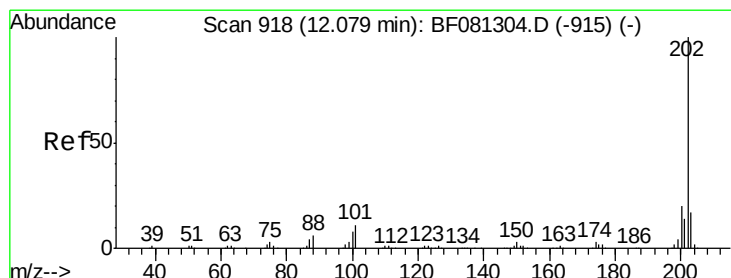
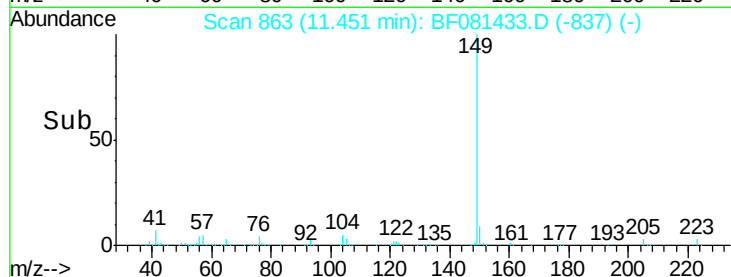
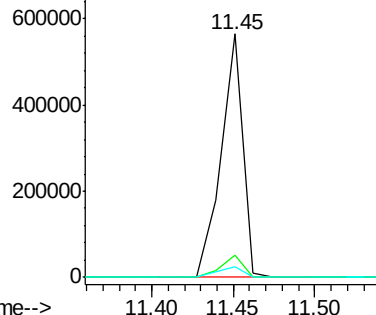
104 4.6 2.4 3.6#



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



#74

Fluoranthene

Concen: 31.81 ng

RT: 12.04 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF081433.D

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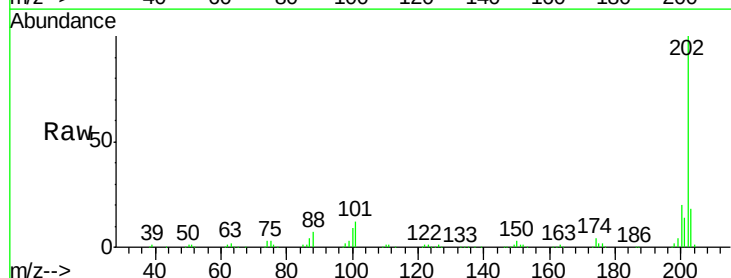
Tgt Ion:202 Resp: 410144

Ion Ratio Lower Upper

202 100

101 12.4 0.0 38.3

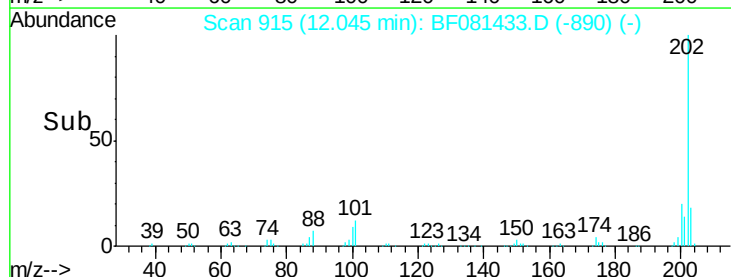
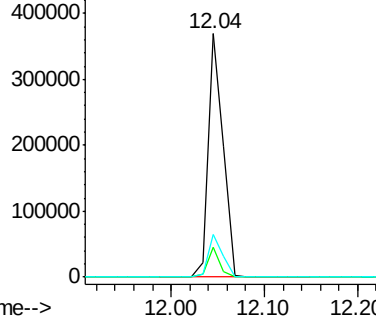
203 17.7 0.0 37.3

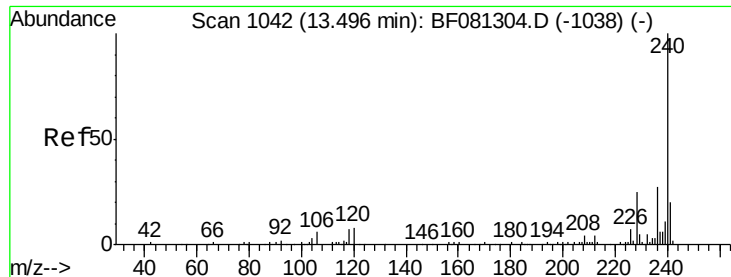


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

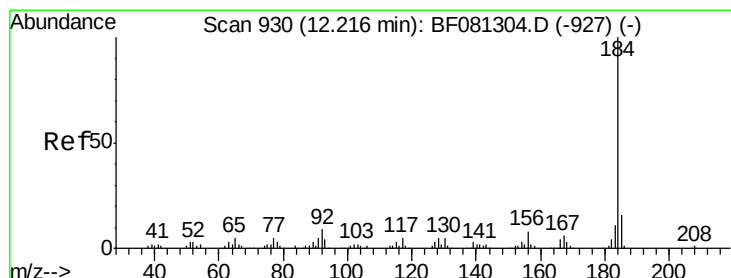
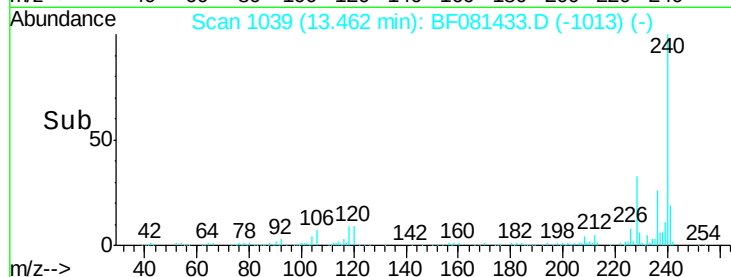
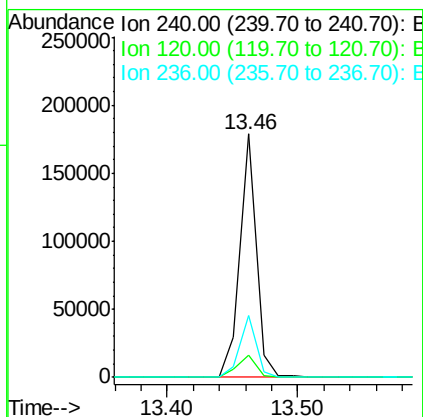
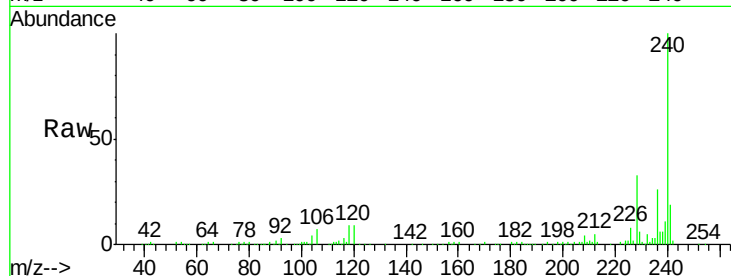




#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.46 min Scan# 1039  
Delta R.T. 0.00 min  
Lab File: BF081433.D  
Acq: 4 Sep 2015 22:26

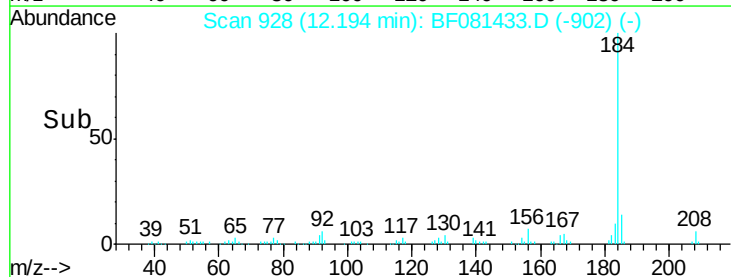
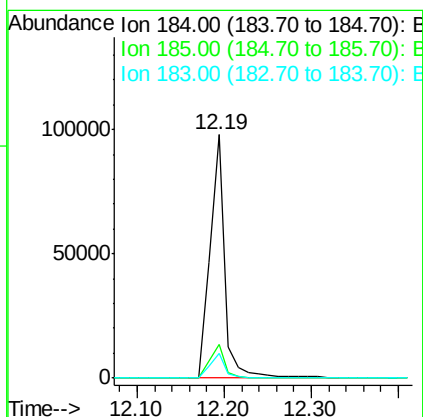
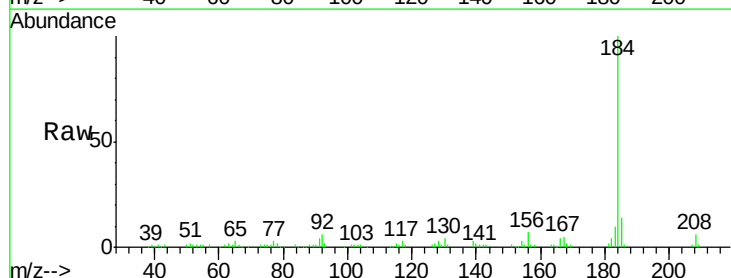
Instrument :  
BNA\_F  
ClientSampleId :  
SB-11(5-7)MS

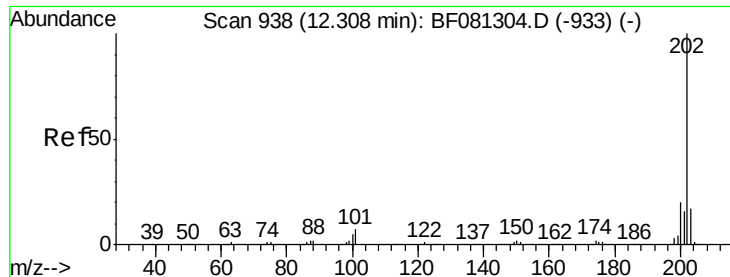
Tot Ion:240 Resp: 156187  
Ion Ratio Lower Upper  
240 100  
120 9.1 16.2 24.2#  
236 25.6 18.4 27.6



#76  
Benzidine  
Concen: 17.27 ng  
RT: 12.19 min Scan# 928  
Delta R.T. 0.00 min  
Lab File: BF081433.D  
Acq: 4 Sep 2015 22:26

Tgt Ion:184 Resp: 115788  
Ion Ratio Lower Upper  
184 100  
185 13.8 11.8 17.6  
183 10.4 7.6 11.4

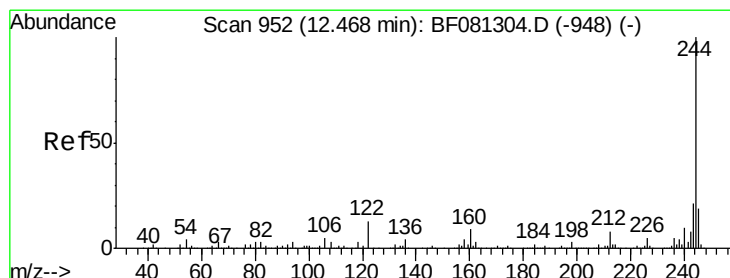
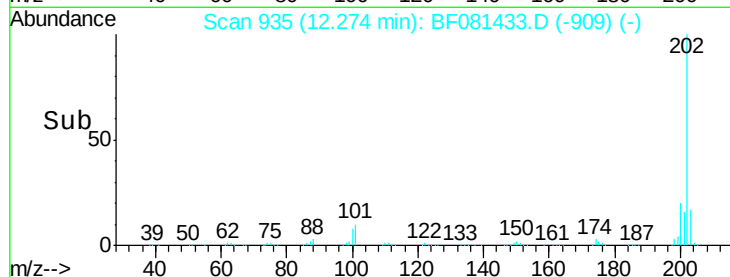
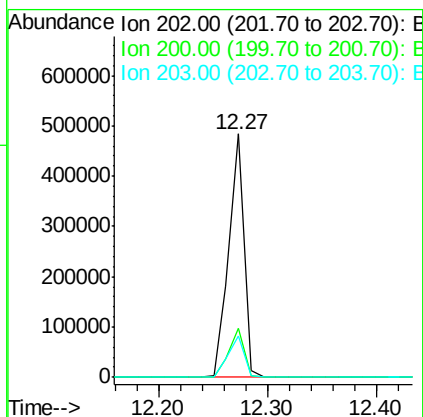
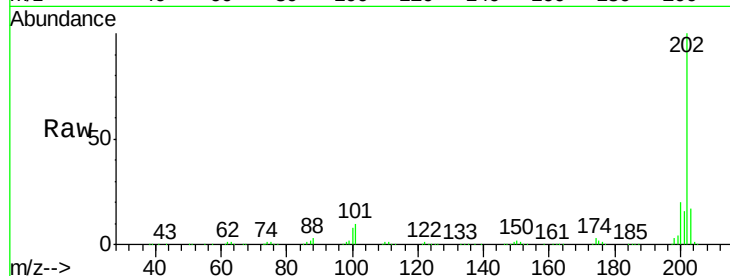




#77  
Pvrene  
Concen: 40.56 ng  
RT: 12.27 min Scan# 935  
Delta R.T. 0.00 min  
Lab File: BF081433.D  
Acq: 4 Sep 2015 22:26

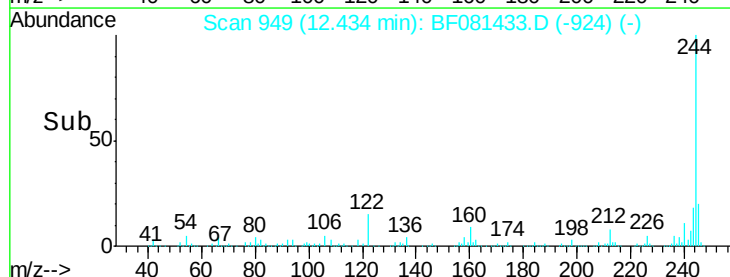
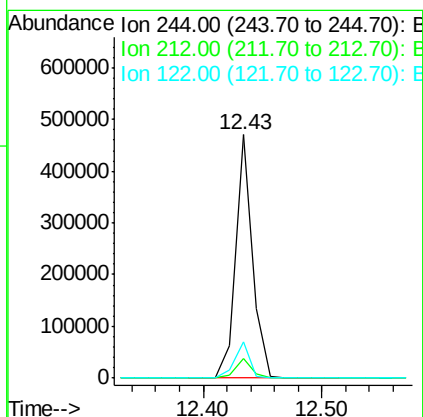
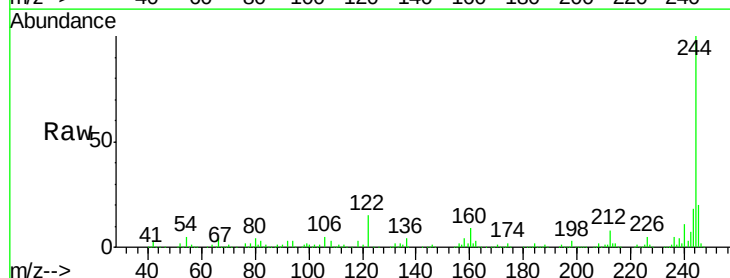
Instrument :  
BNA\_F  
ClientSampleId :  
SB-11(5-7)MS

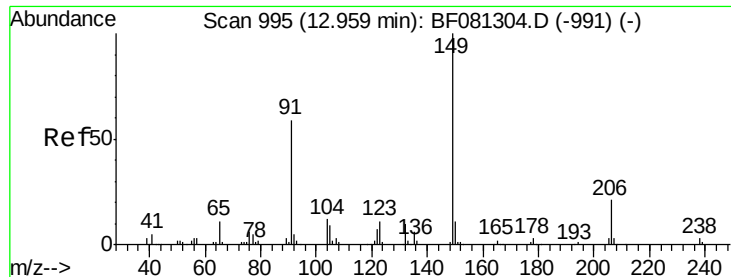
Tot Ion:202 Resp: 469220  
Ion Ratio Lower Upper  
202 100  
200 20.2 15.0 22.4  
203 17.1 14.1 21.1



#78  
Terphenyl-d14  
Concen: 68.69 ng  
RT: 12.43 min Scan# 949  
Delta R.T. -0.01 min  
Lab File: BF081433.D  
Acq: 4 Sep 2015 22:26

Tgt Ion:244 Resp: 460848  
Ion Ratio Lower Upper  
244 100  
212 8.3 4.3 6.5#  
122 14.6 17.4 26.2#

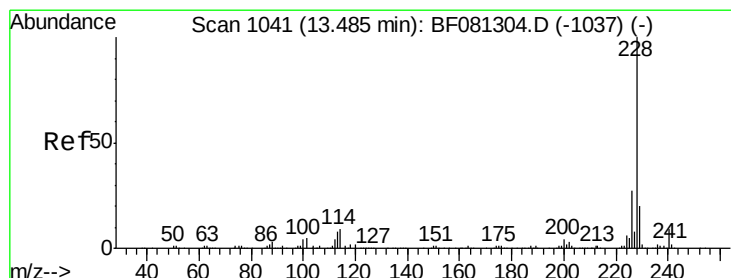
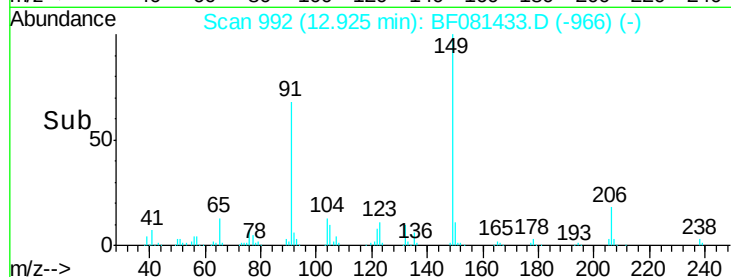
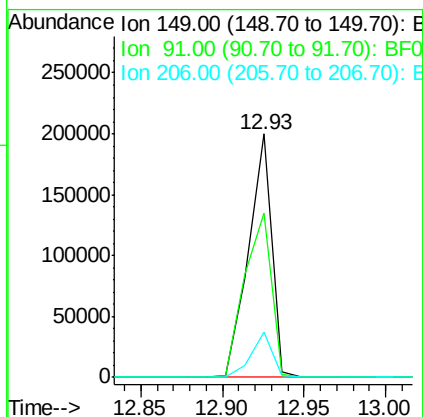
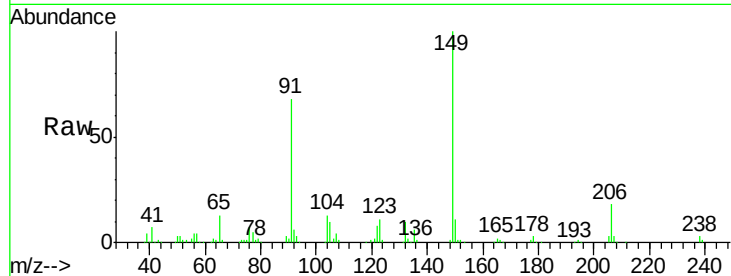




#79  
Butylbenzylphthalate  
Concen: 39.12 ng  
RT: 12.93 min Scan# 992  
Delta R.T. 0.00 min  
Lab File: BF081433.D  
Acq: 4 Sep 2015 22:26

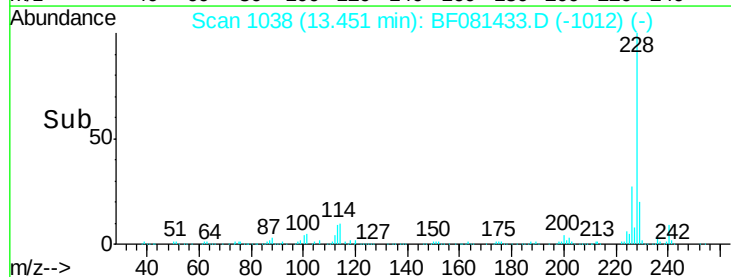
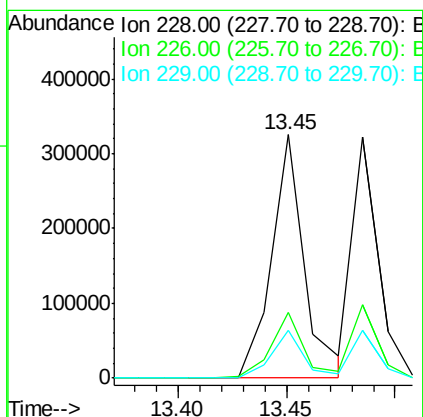
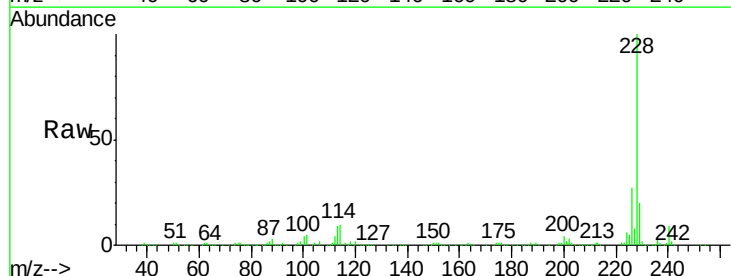
Instrument :  
BNA\_F  
ClientSampleId :  
SB-11(5-7)MS

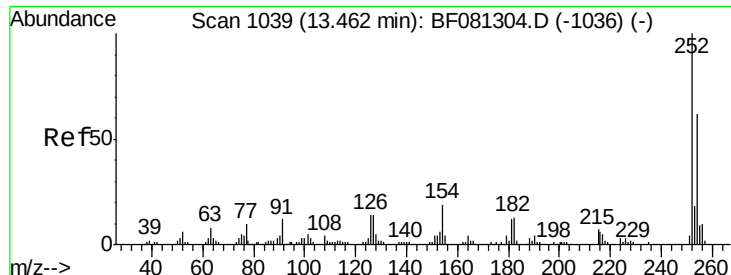
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 67.7  | 48.6  | 72.8  |
| 206     | 18.4  | 14.9  | 22.3  |



#80  
Benzo(a)anthracene  
Concen: 34.76 ng  
RT: 13.45 min Scan# 1038  
Delta R.T. 0.00 min  
Lab File: BF081433.D  
Acq: 4 Sep 2015 22:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.1  | 20.0  | 30.0  |
| 229     | 19.7  | 15.4  | 23.2  |

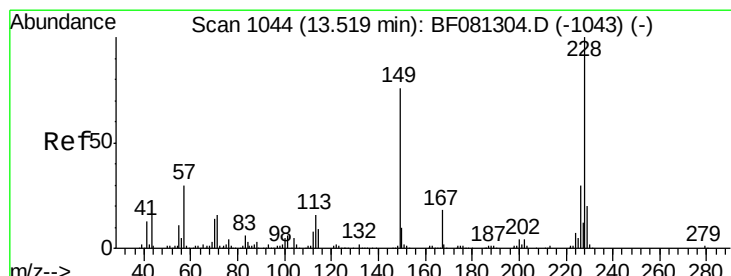
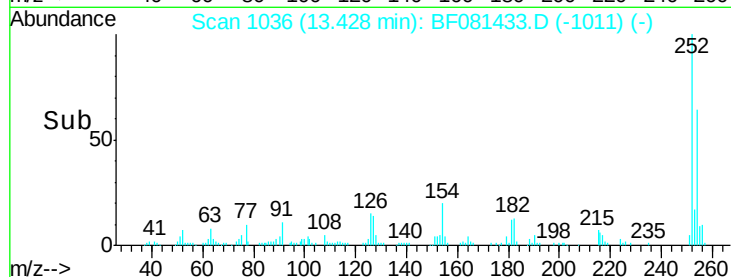
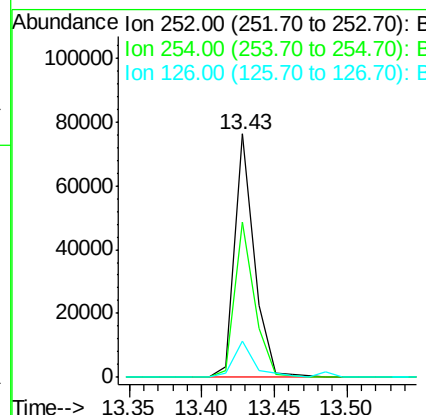
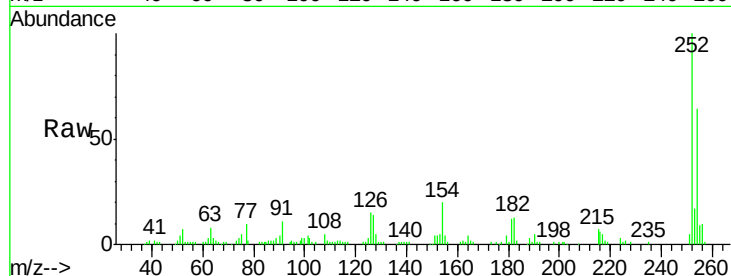




#81  
 3,3'-Dichlorobenzidine  
 Concen: 21.50 ng  
 RT: 13.43 min Scan# 1036  
 Delta R.T. -0.01 min  
 Lab File: BF081433.D  
 Acq: 4 Sep 2015 22:26

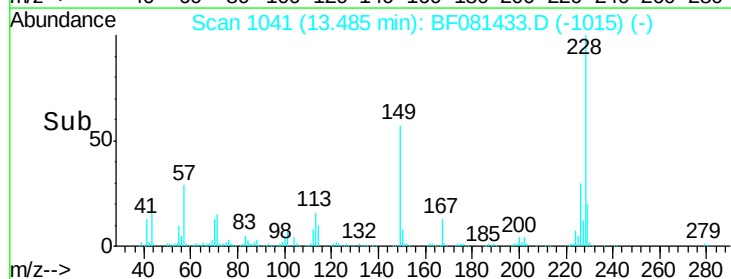
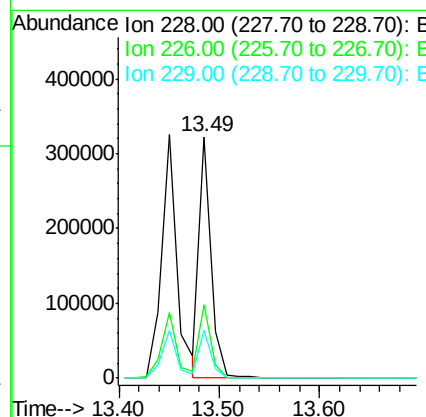
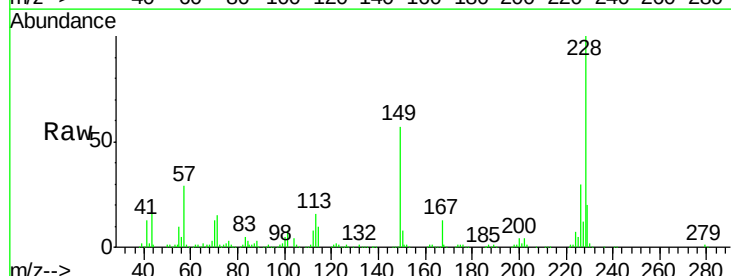
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-11(5-7)MS

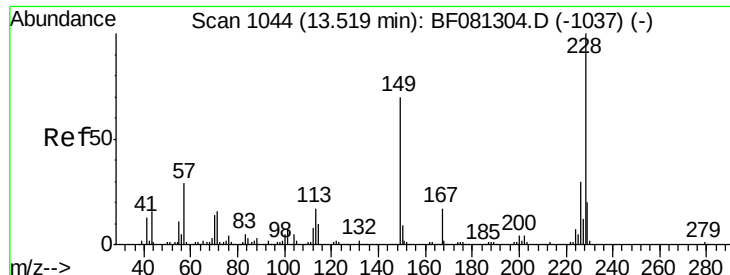
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 63.7  | 51.4  | 77.2  |
| 126     | 14.8  | 16.4  | 24.6  |



#82  
 Chrysene  
 Concen: 30.65 ng  
 RT: 13.49 min Scan# 1041  
 Delta R.T. 0.00 min  
 Lab File: BF081433.D  
 Acq: 4 Sep 2015 22:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.4  | 21.0  | 31.4  |
| 229     | 20.0  | 15.6  | 23.4  |

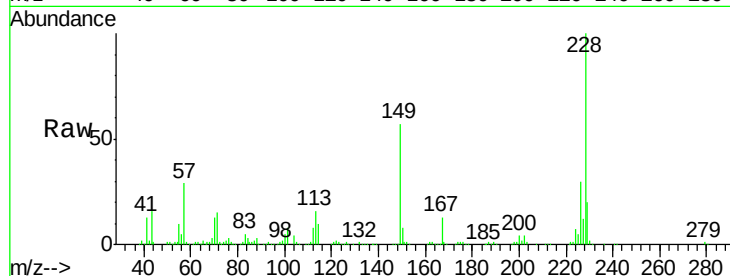




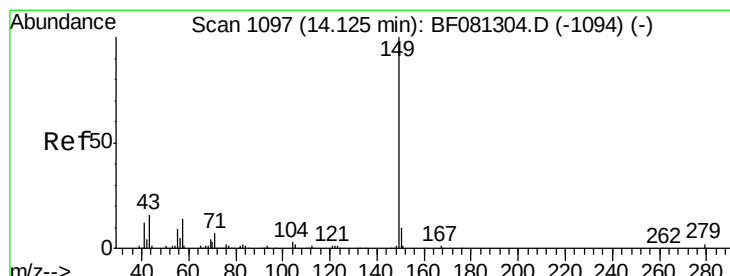
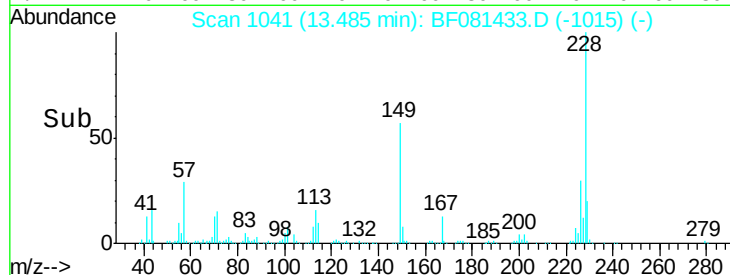
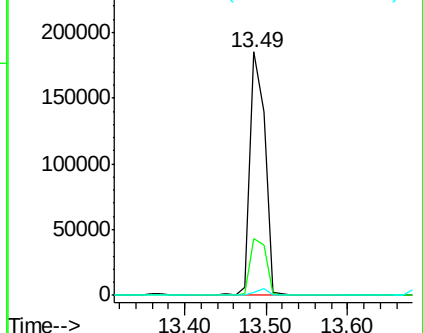
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 35.01 ng  
 RT: 13.49 min Scan# 1041  
 Delta R.T. 0.00 min  
 Lab File: BF081433.D  
 Acq: 4 Sep 2015 22:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-11(5-7)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 23.1  | 24.2  | 36.2# |
| 279     | 1.3   | 3.8   | 5.6#  |

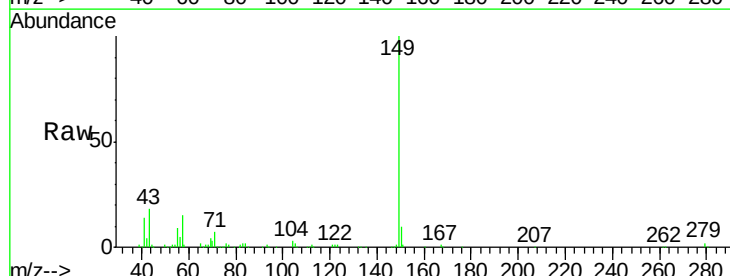


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

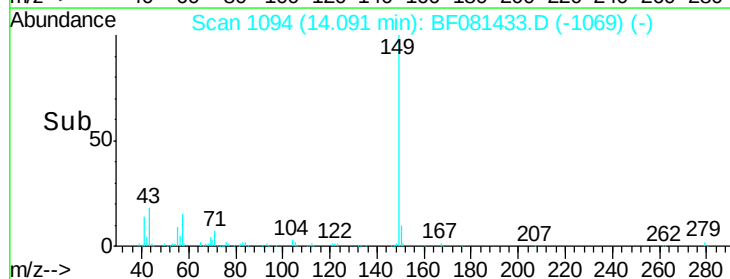
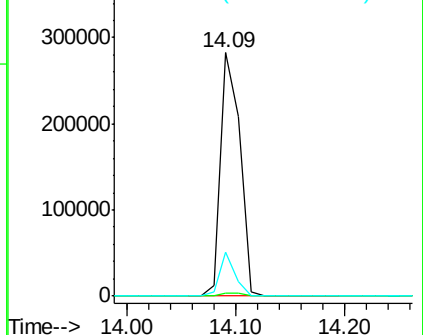


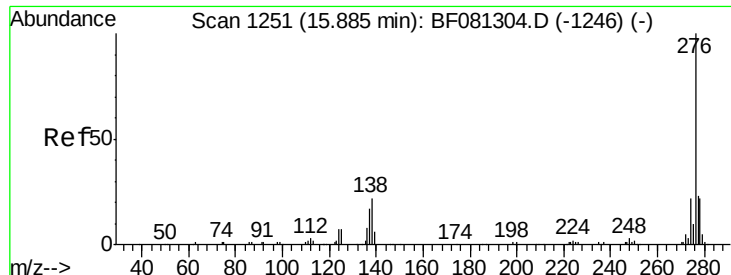
#84  
 Di-n-octyl phthalate  
 Concen: 32.06 ng  
 RT: 14.09 min Scan# 1094  
 Delta R.T. -0.01 min  
 Lab File: BF081433.D  
 Acq: 4 Sep 2015 22:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.3   | 1.0   | 1.6   |
| 43      | 14.1  | 10.2  | 15.2  |



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 43.00 (42.70 to 43.70): BF0

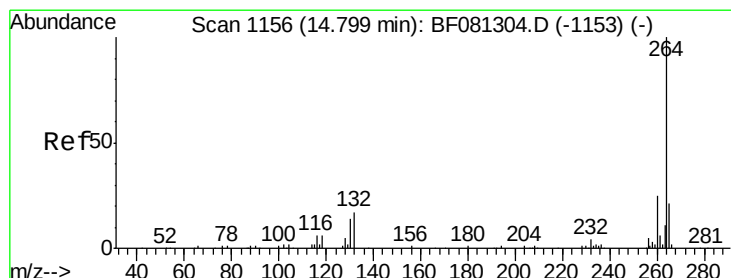
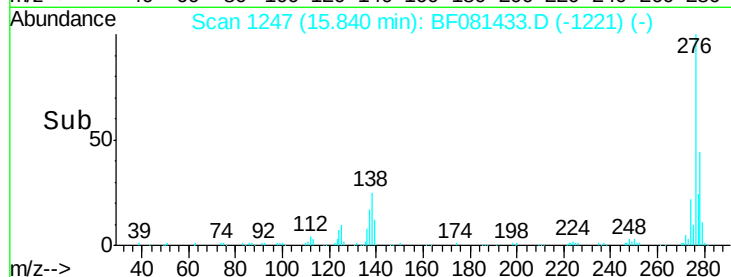
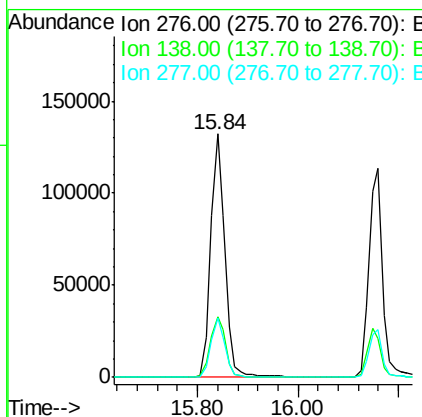
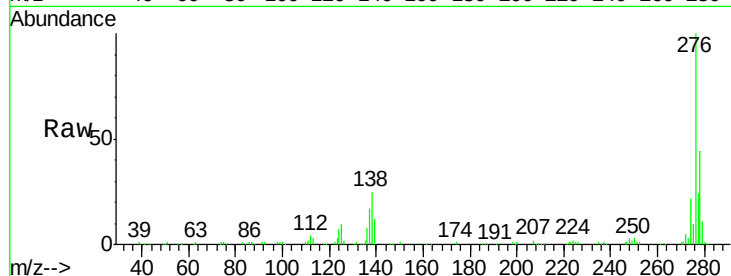




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 39.53 ng  
 RT: 15.84 min Scan# 1247  
 Delta R.T. 0.00 min  
 Lab File: BF081433.D  
 Acq: 4 Sep 2015 22:26

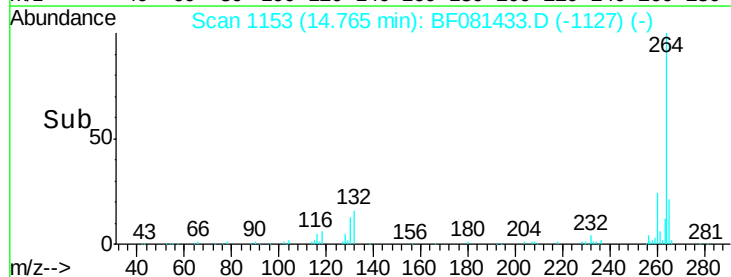
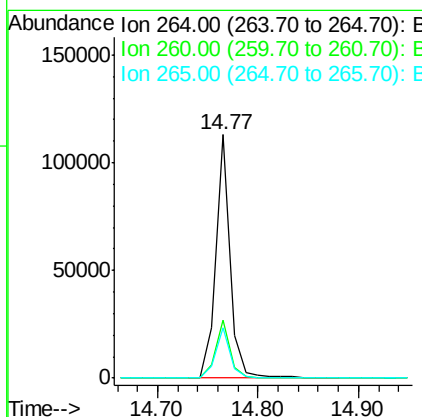
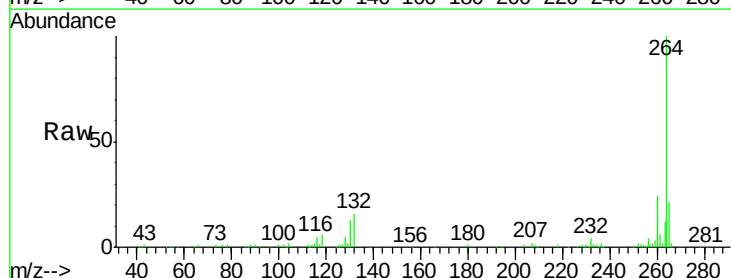
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-11(5-7)MS

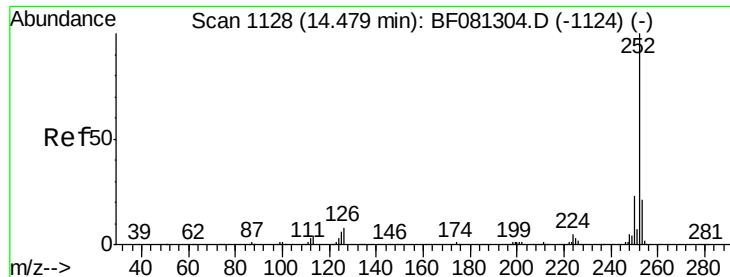
Tot Ion:276 Resp: 258593  
 Ion Ratio Lower Upper  
 276 100  
 138 26.6 25.7 38.5  
 277 24.2 15.6 23.4#



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 14.77 min Scan# 1153  
 Delta R.T. 0.00 min  
 Lab File: BF081433.D  
 Acq: 4 Sep 2015 22:26

Tgt Ion:264 Resp: 112035  
 Ion Ratio Lower Upper  
 264 100  
 260 23.6 16.7 25.1  
 265 20.6 17.2 25.8

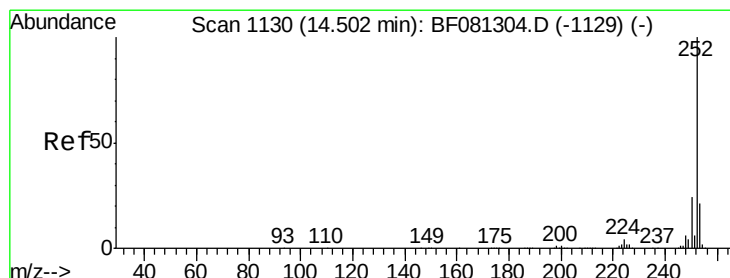
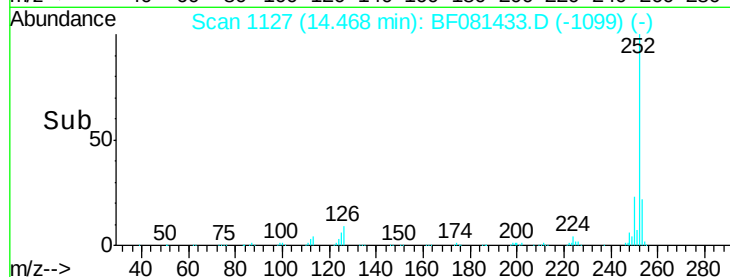
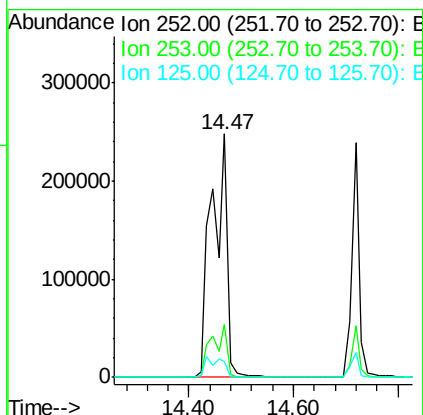
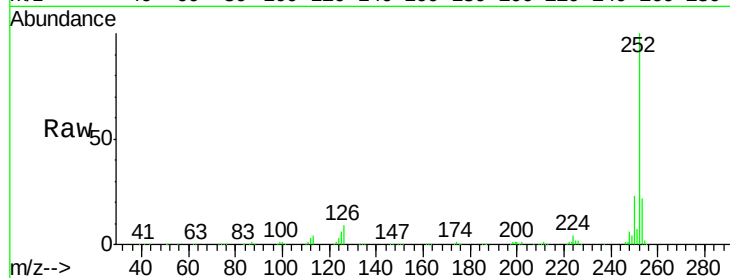




#87  
Benzo(b)fluoranthene  
Concen: 64.69 ng  
RT: 14.47 min Scan# 1127  
Delta R.T. 0.02 min  
Lab File: BF081433.D  
Acq: 4 Sep 2015 22:26

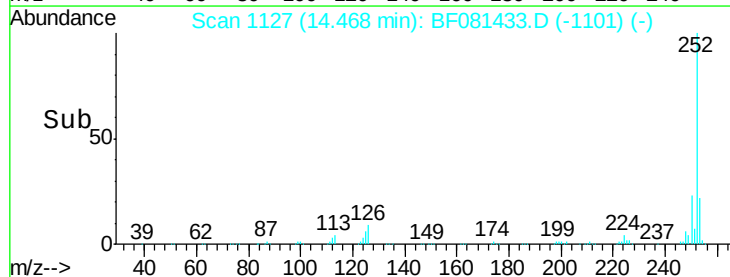
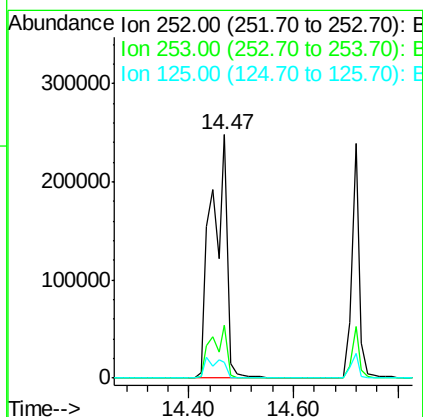
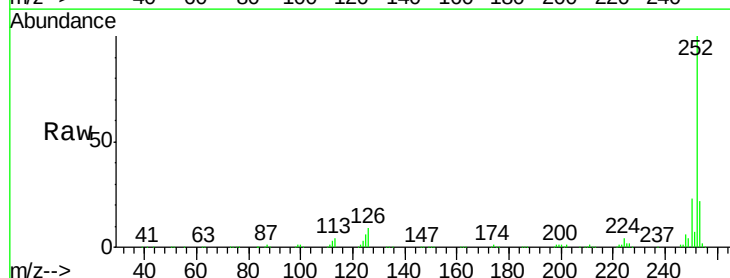
Instrument :  
BNA\_F  
ClientSampleId :  
SB-11(5-7)MS

Tot Ion:252 Resp: 517435  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.5 26.3  
125 6.5 17.1 25.7#

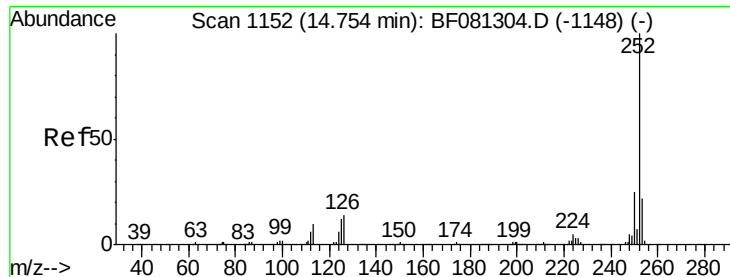


#88  
Benzo(k)fluoranthene  
Concen: 77.96 ng  
RT: 14.47 min Scan# 1127  
Delta R.T. 0.00 min  
Lab File: BF081433.D  
Acq: 4 Sep 2015 22:26

Tgt Ion:252 Resp: 517435  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.0 25.4  
125 6.5 16.0 24.0#







#89

Benzo(a)pyrene

Concen: 35.51 ng

RT: 14.72 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF081433.D

Acq: 4 Sep 2015 22:26

Instrument :

BNA\_F

ClientSampleId :

SB-11(5-7)MS

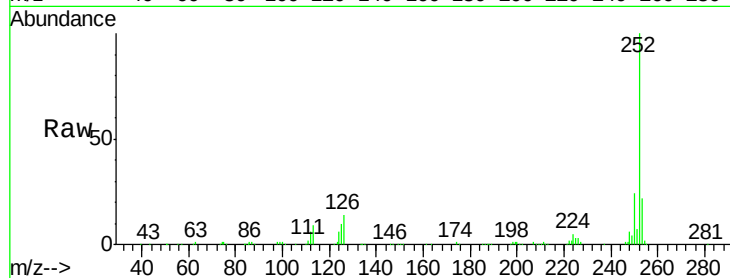
Tot Ion:252 Resp: 240685

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

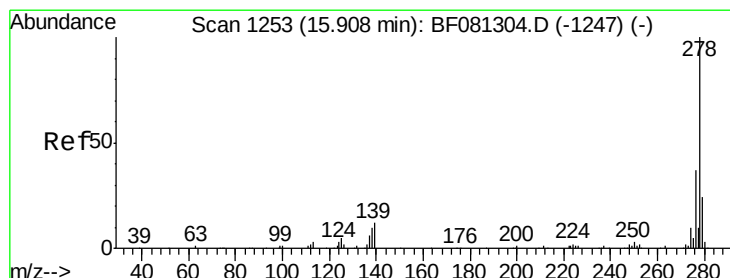
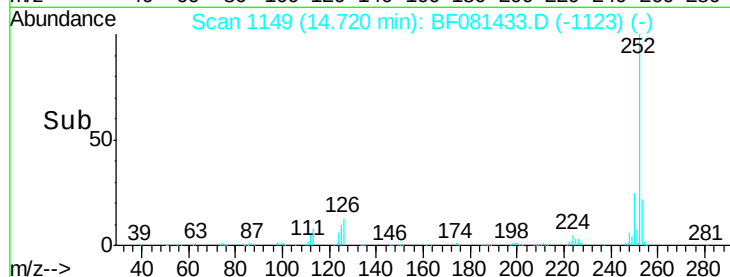
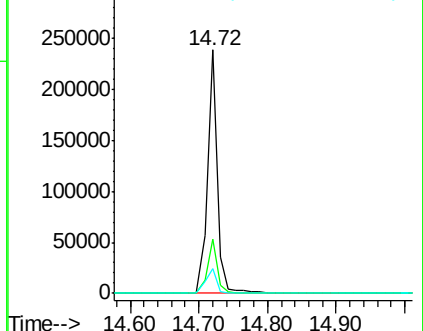
125 10.3 18.0 27.0#



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



#90

Dibenzo(a,h)anthracene

Concen: 40.47 ng

RT: 15.85 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF081433.D

Acq: 4 Sep 2015 22:26

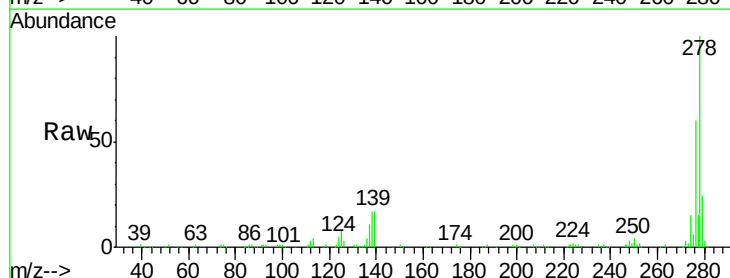
Tgt Ion:278 Resp: 211941

Ion Ratio Lower Upper

278 100

139 16.7 26.3 39.5#

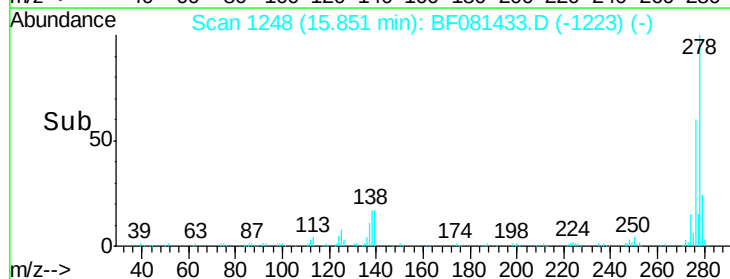
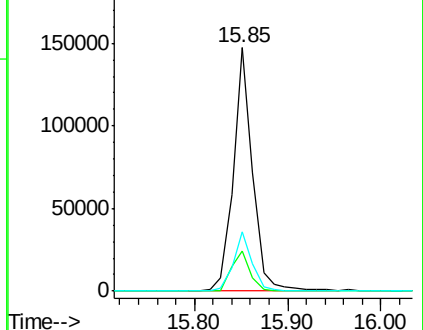
279 24.1 18.2 27.4

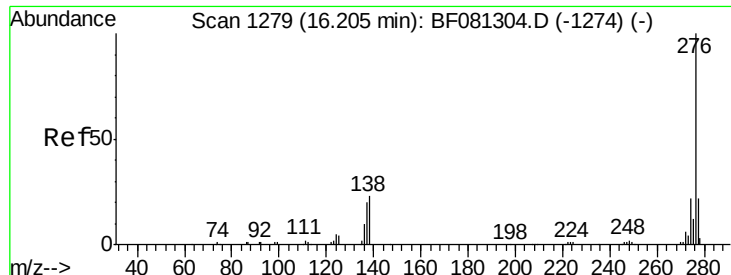


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 43.68 ng

RT: 16.16 min Scan# 1275

Delta R.T. 0.00 min

Lab File: BF081433.D

Acq: 4 Sep 2015 22:26

Instrument :

BNA\_F

ClientSampleId :

SB-11(5-7)MS

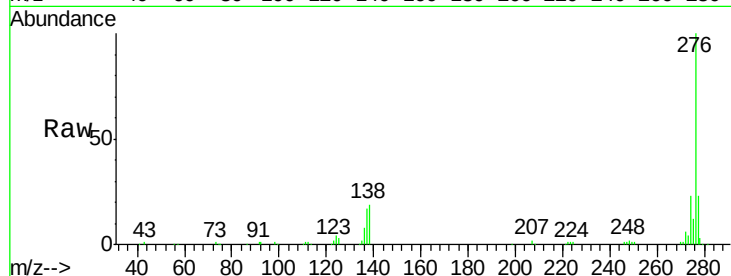
Tot Ion:276 Resp: 218346

Ion Ratio Lower Upper

276 100

277 23.1 17.8 26.6

138 18.9 34.6 51.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

