

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF081117\  
 Data File : BF097596.D  
 Acq On : 11 Aug 2017 15:10  
 Operator : SJ/JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Quant Time: Aug 11 15:38:43 2017  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF081117.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 11 14:33:04 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.52  | 152  | 100171   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 9.54  | 136  | 422412   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 12.37 | 164  | 170870   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 14.77 | 188  | 287821   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 18.46 | 240  | 138694   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 20.13 | 264  | 107432   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.40  | 112 | 969984  | 154.30 | ng | 0.00 |
| 7) Phenol-d6             | 7.07  | 99  | 1170723 | 155.56 | ng | 0.02 |
| 23) Nitrobenzene-d5      | 8.44  | 82  | 918912  | 135.10 | ng | 0.02 |
| 41) 2,4,6-Tribromophenol | 13.67 | 330 | 190130  | 125.76 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 11.33 | 172 | 1444489 | 117.64 | ng | 0.01 |
| 78) Terphenyl-d14        | 17.13 | 244 | 1001819 | 179.26 | ng | 0.00 |

## Target Compounds

|                                |       |     |         |         |    | Qvalue |
|--------------------------------|-------|-----|---------|---------|----|--------|
| 2) 1,4-Dioxane                 | 1.82  | 88  | 192034  | 64.213  | ng | # 72   |
| 3) Pyridine                    | 2.39  | 79  | 390872  | 55.611  | ng | # 60   |
| 4) n-Nitrosodimethylamine      | 2.38  | 42  | 377665  | 141.334 | ng | # 79   |
| 6) Aniline                     | 7.02  | 93  | 852385  | 86.573  | ng | 97     |
| 8) 2-Chlorophenol              | 7.20  | 128 | 536206  | 80.221  | ng | 94     |
| 9) Benzaldehyde                | 6.82  | 77  | 381298  | 75.110  | ng | 97     |
| 10) Phenol                     | 7.09  | 94  | 607146  | 77.770  | ng | 95     |
| 11) bis(2-Chloroethyl)ether    | 7.16  | 93  | 467391  | 75.574  | ng | 87     |
| 12) 1,3-Dichlorobenzene        | 7.42  | 146 | 600616  | 79.387  | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 7.54  | 146 | 604253  | 78.757  | ng | 95     |
| 14) 1,2-Dichlorobenzene        | 7.77  | 146 | 533452  | 75.421  | ng | 99     |
| 15) Benzyl Alcohol             | 7.81  | 79  | 427952  | 82.848  | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.00  | 45  | 1110257 | 127.775 | ng | 91     |
| 17) 2-Methylphenol             | 8.03  | 107 | 407015  | 72.560  | ng | 95     |
| 18) Hexachloroethane           | 8.29  | 117 | 189919  | 74.949  | ng | # 82   |
| 19) n-Nitroso-di-n-propylamine | 8.25  | 70  | 401111  | 84.102  | ng | # 82   |
| 20) 3+4-Methylphenols          | 8.29  | 107 | 488445  | 68.597  | ng | # 62   |
| 22) Acetophenone               | 8.21  | 105 | 725771  | 73.407  | ng | # 98   |
| 24) Nitrobenzene               | 8.47  | 77  | 498878  | 68.663  | ng | 95     |
| 25) Isophorone                 | 8.87  | 82  | 890018  | 70.080  | ng | 97     |
| 26) 2-Nitrophenol              | 8.97  | 139 | 288819  | 75.913  | ng | # 87   |
| 27) 2,4-Dimethylphenol         | 9.12  | 122 | 431488  | 73.079  | ng | 96     |
| 28) bis(2-Chloroethoxy)methane | 9.24  | 93  | 615932  | 73.574  | ng | 98     |
| 29) 2,4-Dichlorophenol         | 9.38  | 162 | 414269  | 72.852  | ng | 95     |
| 30) 1,2,4-Trichlorobenzene     | 9.47  | 180 | 366912  | 62.011  | ng | 98     |
| 31) Naphthalene                | 9.58  | 128 | 1501548 | 70.830  | ng | 100    |
| 32) Benzoic acid               | 9.46  | 122 | 191623  | 56.246  | ng | 94     |
| 33) 4-Chloroaniline            | 9.72  | 127 | 640366  | 77.284  | ng | 99     |
| 34) Hexachlorobutadiene        | 9.80  | 225 | 209064  | 68.382  | ng | 98     |
| 35) Caprolactam                | 10.40 | 113 | 109771  | 64.875  | ng | # 40   |
| 36) 4-Chloro-3-methylphenol    | 10.59 | 107 | 466836  | 78.426  | ng | 88     |
| 37) 2-Methylnaphthalene        | 10.70 | 142 | 929176  | 64.870  | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 10.99 | 216 | 340425  | 66.569  | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 10.96 | 237 | 76573   | 64.955  | ng | 98     |

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 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

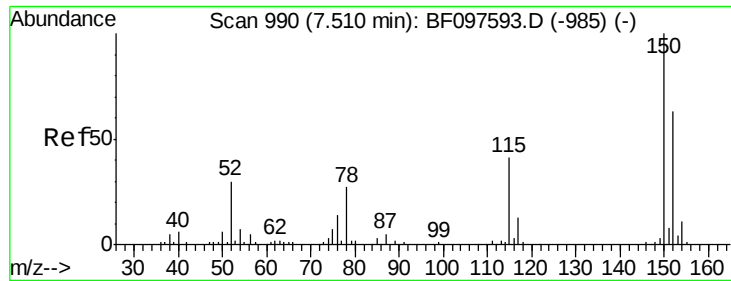
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Quant Time: Aug 11 15:38:43 2017  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF081117.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 11 14:33:04 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 11.20 | 196  | 235722   | 71.693  | ng    | 99       |
| 43) 2,4,5-Trichlorophenol      | 11.29 | 196  | 223473   | 63.899  | ng    | 98       |
| 45) 1,1'-Biphenyl              | 11.48 | 154  | 942236   | 66.906  | ng    | 98       |
| 46) 2-Chloronaphthalene        | 11.49 | 162  | 752391   | 68.377  | ng    | # 91     |
| 47) 2-Nitroaniline             | 11.70 | 65   | 333810   | 103.668 | ng    | 97       |
| 48) Acenaphthylene             | 12.14 | 152  | 1250542  | 66.463  | ng    | 100      |
| 49) Dimethylphthalate          | 12.03 | 163  | 969157   | 74.702  | ng    | 98       |
| 50) 2,6-Dinitrotoluene         | 12.13 | 165  | 201848   | 71.329  | ng    | # 68     |
| 51) Acenaphthene               | 12.43 | 154  | 753079   | 69.300  | ng    | 98       |
| 52) 3-Nitroaniline             | 12.39 | 138  | 275649   | 83.607  | ng    | 91       |
| 53) 2,4-Dinitrophenol          | 12.60 | 184  | 108400   | 79.310  | ng    | # 75     |
| 54) Dibenzofuran               | 12.72 | 168  | 1068083  | 69.835  | ng    | 97       |
| 55) 4-Nitrophenol              | 12.77 | 139  | 119563   | 69.705  | ng    | # 62     |
| 56) 2,4-Dinitrotoluene         | 12.79 | 165  | 284050   | 74.316  | ng    | # 78     |
| 57) Fluorene                   | 13.27 | 166  | 864425   | 64.946  | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 12.95 | 232  | 166975   | 69.779  | ng    | 97       |
| 59) Diethylphthalate           | 13.19 | 149  | 920147   | 73.697  | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 13.30 | 204  | 373104   | 64.461  | ng    | 96       |
| 61) 4-Nitroaniline             | 13.40 | 138  | 266695   | 86.637  | ng    | 93       |
| 62) Azobenzene                 | 13.56 | 77   | 923369   | 81.601  | ng    | 92       |
| 64) 4,6-Dinitro-2-methylphenol | 13.46 | 198  | 147017   | 77.710  | ng    | 89       |
| 65) n-Nitrosodiphenylamine     | 13.52 | 169  | 764343   | 73.905  | ng    | 98       |
| 66) 4-Bromophenyl-phenylether  | 14.08 | 248  | 213794   | 71.472  | ng    | 96       |
| 67) Hexachlorobenzene          | 14.16 | 284  | 234585   | 79.586  | ng    | # 89     |
| 68) Atrazine                   | 14.43 | 200  | 198068   | 68.814  | ng    | 93       |
| 69) Pentachlorophenol          | 14.52 | 266  | 49495    | 51.259  | ng    | 99       |
| 70) Phenanthrene               | 14.82 | 178  | 1129713  | 68.026  | ng    | 98       |
| 71) Anthracene                 | 14.90 | 178  | 1162326  | 67.041  | ng    | 99       |
| 72) Carbazole                  | 15.18 | 167  | 1110106  | 65.703  | ng    | 100      |
| 73) Di-n-butylphthalate        | 15.77 | 149  | 1357998  | 75.548  | ng    | 99       |
| 74) Fluoranthene               | 16.57 | 202  | 1065641  | 64.832  | ng    | 99       |
| 76) Benzidine                  | 16.79 | 184  | 336614   | 63.194  | ng    | 96       |
| 77) Pyrene                     | 16.87 | 202  | 877544   | 84.798  | ng    | 99       |
| 79) Butylbenzylphthalate       | 17.79 | 149  | 397579   | 87.967  | ng    | # 80     |
| 80) Benzo(a)anthracene         | 18.45 | 228  | 621850   | 77.117  | ng    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 18.43 | 252  | 192075   | 66.997  | ng    | # 97     |
| 82) Chrysene                   | 18.50 | 228  | 609513   | 75.636  | ng    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 18.53 | 149  | 546701   | 85.752  | ng    | 98       |
| 84) Di-n-octyl phthalate       | 19.30 | 149  | 828053   | 78.821  | ng    | # 95     |
| 85) Indeno(1,2,3-cd)pyrene     | 21.36 | 276  | 610856   | 88.595  | ng    | 97       |
| 87) Benzo(b)fluoranthene       | 19.73 | 252  | 504304   | 74.967  | ng    | 99       |
| 88) Benzo(k)fluoranthene       | 19.76 | 252  | 491408   | 76.425  | ng    | # 95     |
| 89) Benzo(a)pyrene             | 20.07 | 252  | 460050   | 74.406  | ng    | 98       |
| 90) Dibenzo(a,h)anthracene     | 21.36 | 278  | 514198   | 98.041  | ng    | 96       |
| 91) Benzo(g,h,i)perylene       | 21.70 | 276  | 601705   | 112.531 | ng    | 99       |

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



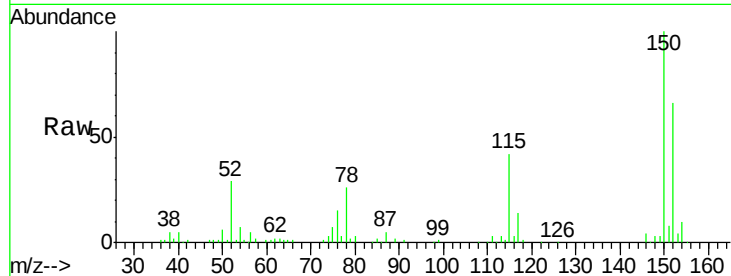


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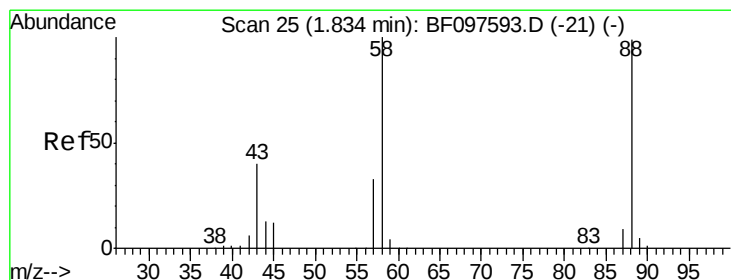
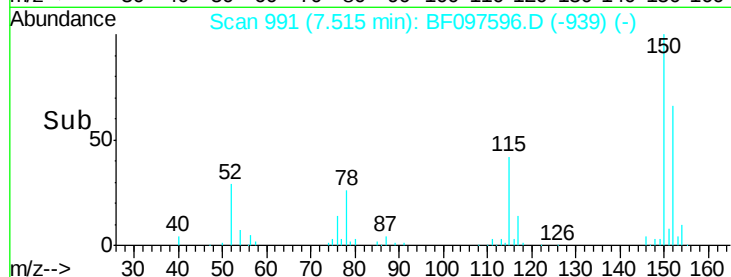
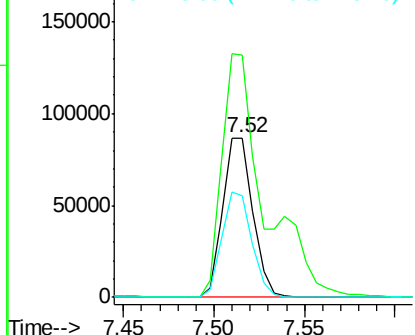
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.52 min Scan# 991  
Delta R.T. 0.01 min  
Lab File: BF097596.D  
Acq: 11 Aug 2017 15:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

Tgt Ion:152 Resp: 100171  
Ion Ratio Lower Upper  
152 100  
150 152.1 126.2 189.2  
115 63.7 52.2 78.2



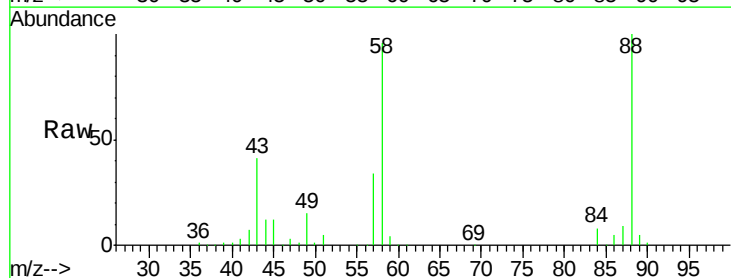
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



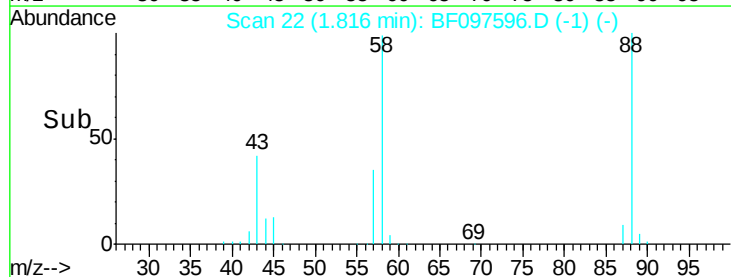
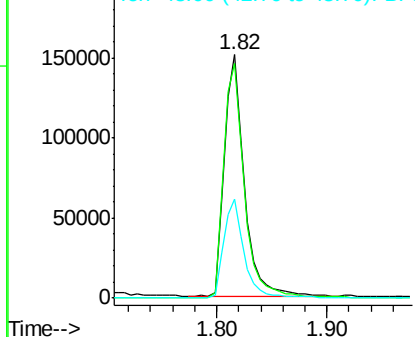
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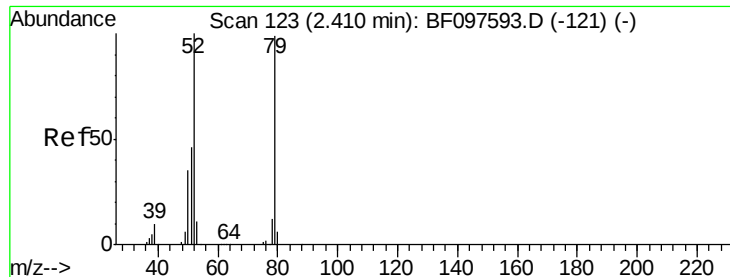
1,4-Dioxane  
Concen: 64.213 ng  
RT: 1.82 min Scan# 22  
Delta R.T. -0.02 min  
Lab File: BF097596.D  
Acq: 11 Aug 2017 15:10

Tgt Ion: 88 Resp: 192034  
Ion Ratio Lower Upper  
88 100  
58 101.6 61.4 92.0#  
43 42.3 23.4 35.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0  
Ion 58.00 (57.70 to 58.70): BF0  
Ion 43.00 (42.70 to 43.70): BF0

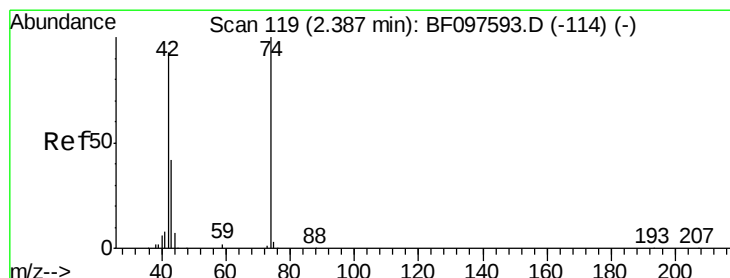
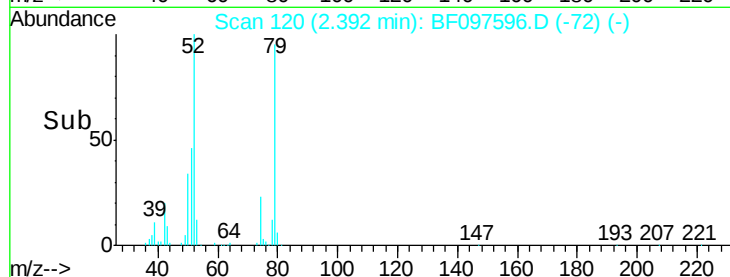
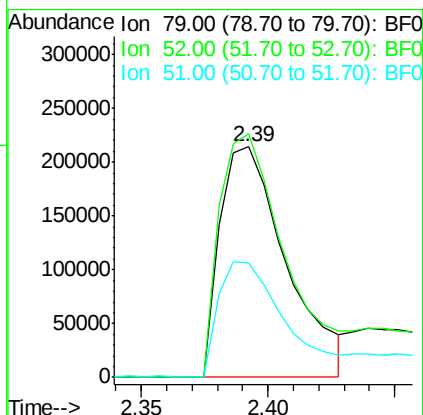
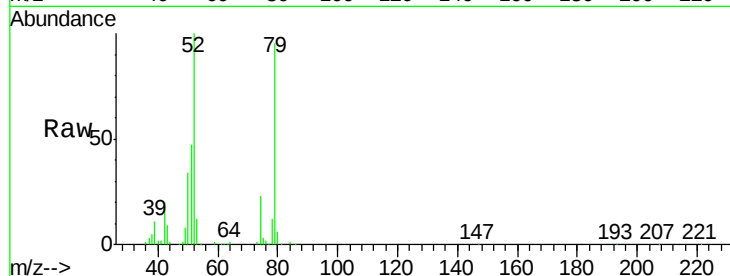




#3  
 Pyridine  
 Concen: 55.611 ng  
 RT: 2.39 min Scan# 120  
 Delta R.T. -0.02 min  
 Lab File: BF097596.D  
 Acq: 11 Aug 2017 15:10

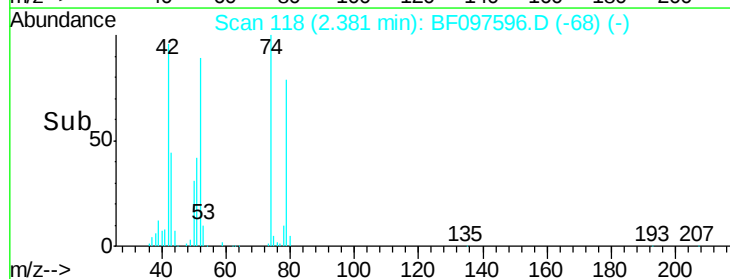
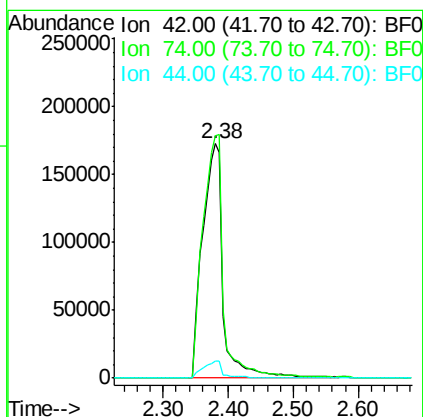
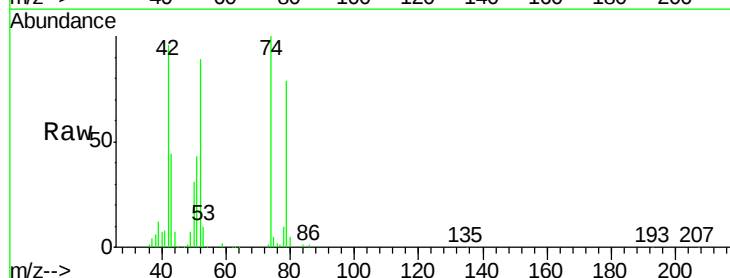
Instrument :  
 BNA\_F  
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 SSTDICC080

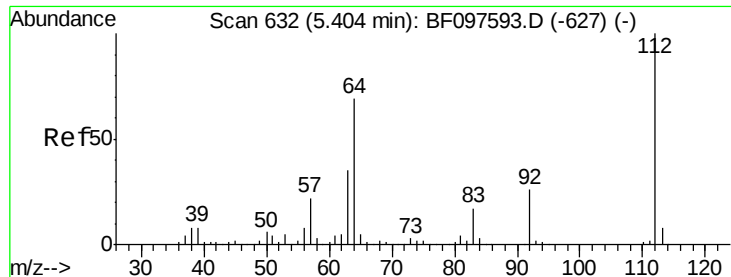
Tgt Ion: 79 Resp: 390872  
 Ion Ratio Lower Upper  
 79 100  
 52 105.5 54.8 82.2#  
 51 49.7 27.0 40.4#



#4  
 n-Nitrosodimethylamine  
 Concen: 141.334 ng  
 RT: 2.38 min Scan# 118  
 Delta R.T. -0.01 min  
 Lab File: BF097596.D  
 Acq: 11 Aug 2017 15:10

Tgt Ion: 42 Resp: 377665  
 Ion Ratio Lower Upper  
 42 100  
 74 103.7 103.9 155.9#  
 44 7.1 5.7 8.5





#5

2-Fluorophenol

Concen: 154.298 ng

RT: 5.40 min Scan# 632

Delta R.T. -0.00 min

Lab File: BF097596.D

Acq: 11 Aug 2017 15:10

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

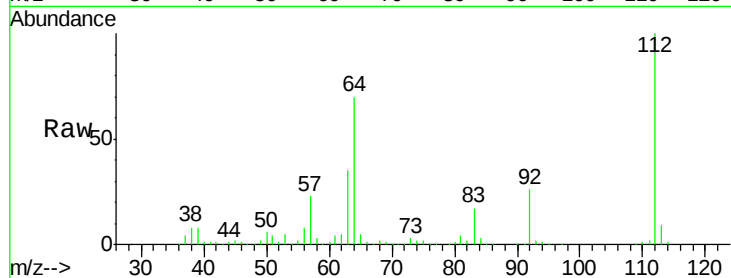
Tgt Ion: 112 Resp: 969984

Ion Ratio Lower Upper

112 100

64 70.4 46.0 69.0#

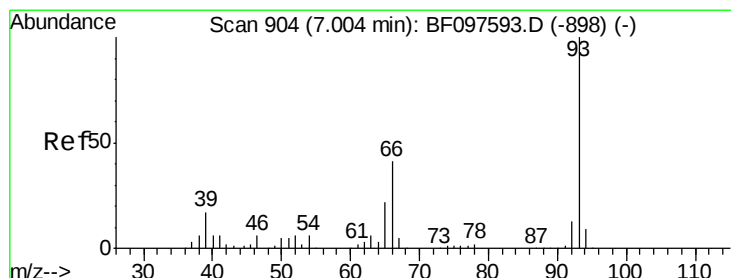
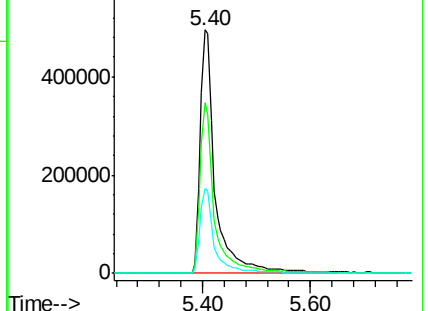
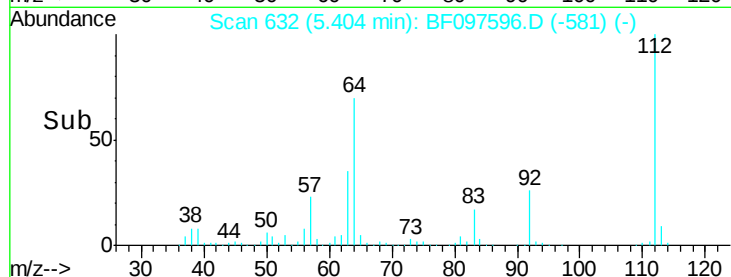
63 34.9 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 86.573 ng

RT: 7.02 min Scan# 906

Delta R.T. 0.01 min

Lab File: BF097596.D

Acq: 11 Aug 2017 15:10

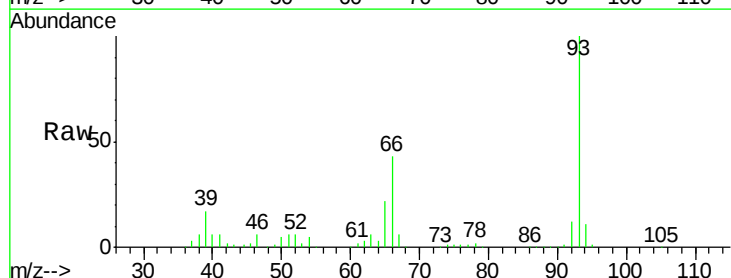
Tgt Ion: 93 Resp: 852385

Ion Ratio Lower Upper

93 100

66 42.6 32.9 49.3

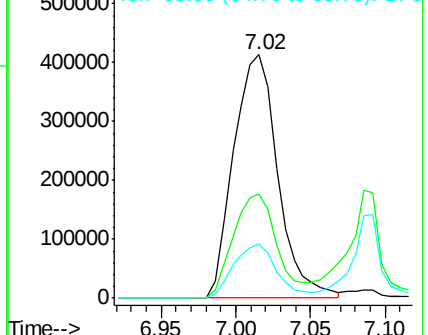
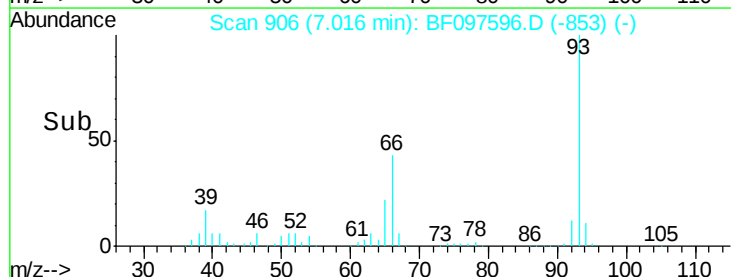
65 22.3 16.0 24.0

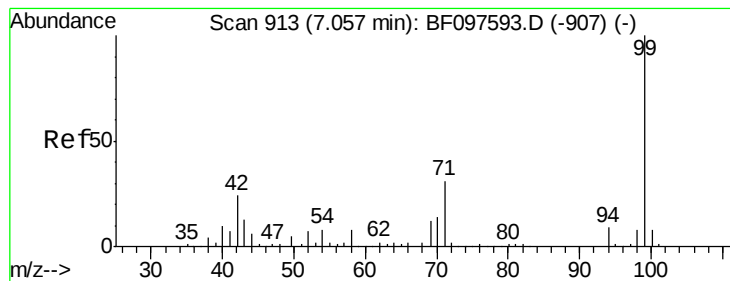


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 155.559 ng

RT: 7.07 min Scan# 916

Delta R.T. 0.02 min

Lab File: BF097596.D

Acq: 11 Aug 2017 15:10

Instrument :

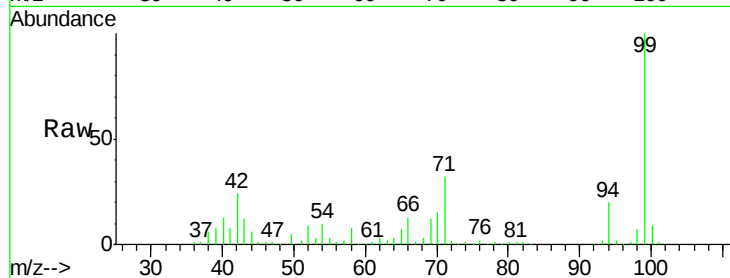
BNA\_F

ClientSampleId :

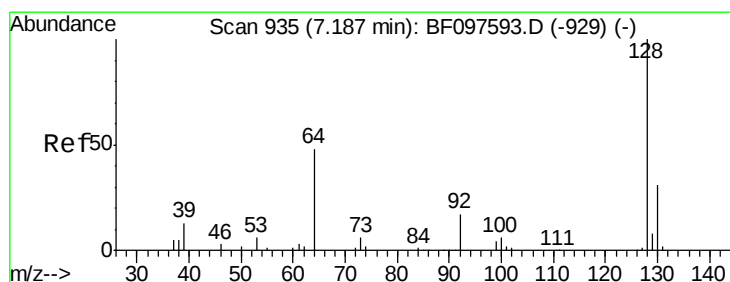
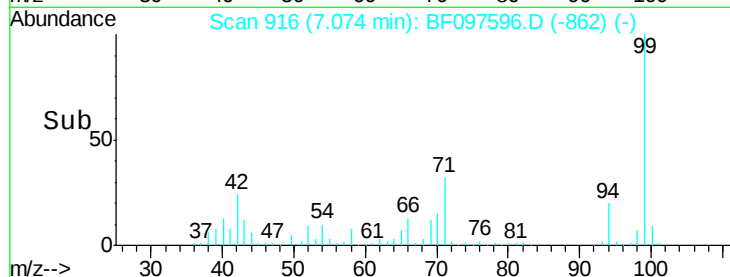
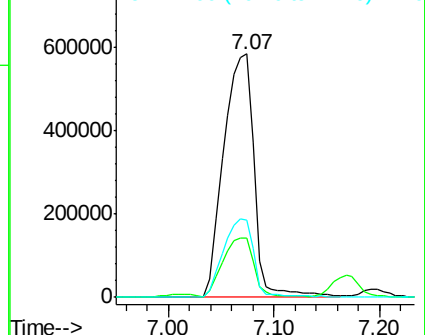
SSTDICC080

Tgt Ion: 99 Resp: 1170723

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 24.4  | 13.5  | 20.3# |
| 71  | 31.6  | 24.5  | 36.7  |



Abundance Ion 99.00 (98.70 to 99.70): BF0  
Ion 42.00 (41.70 to 42.70): BF0  
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 80.221 ng

RT: 7.20 min Scan# 937

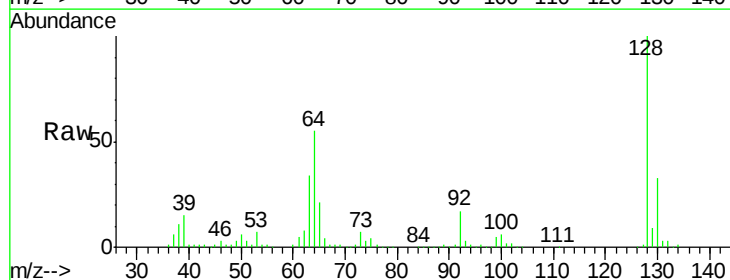
Delta R.T. 0.01 min

Lab File: BF097596.D

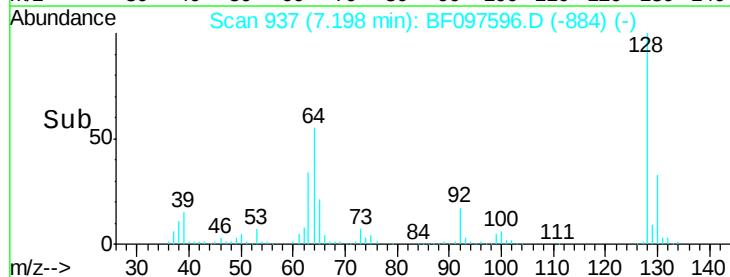
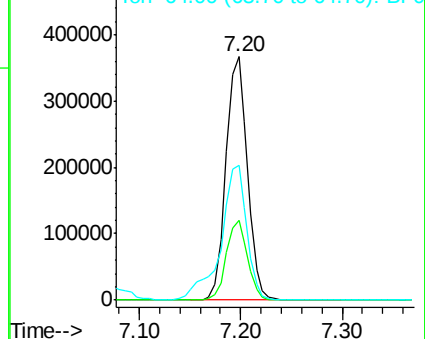
Acq: 11 Aug 2017 15:10

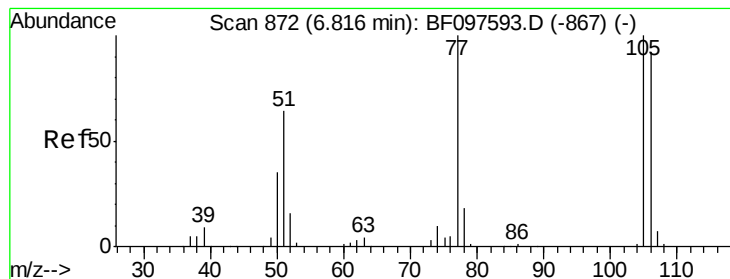
Tgt Ion: 128 Resp: 536206

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.6  | 12.9  | 52.9  |
| 64  | 55.3  | 28.4  | 68.4  |



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 75.110 ng

RT: 6.82 min Scan# 873

Delta R.T. 0.01 min

Lab File: BF097596.D

Acq: 11 Aug 2017 15:10

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

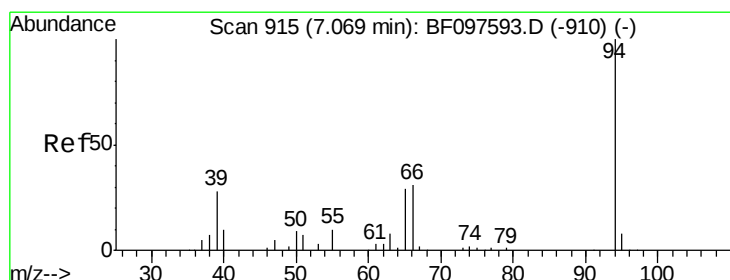
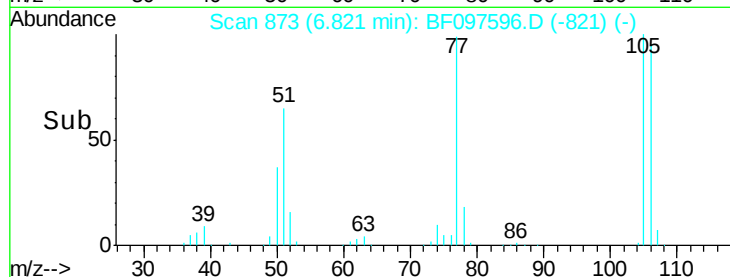
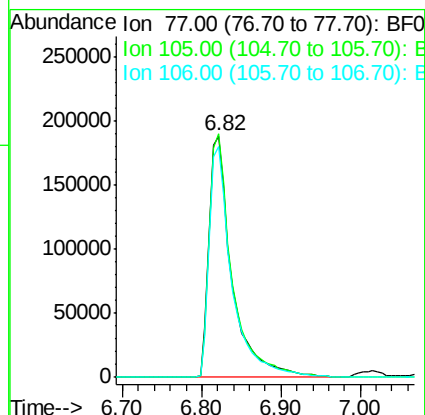
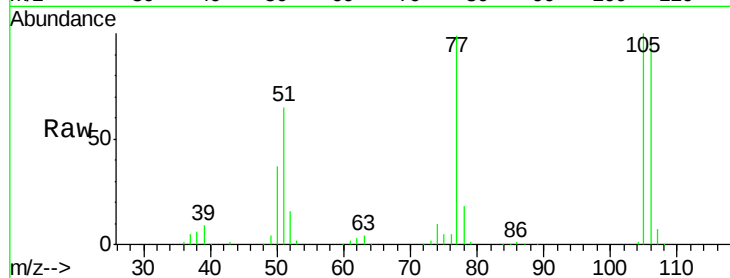
Tgt Ion: 77 Resp: 381298

Ion Ratio Lower Upper

77 100

105 100.9 83.8 123.8

106 95.7 79.1 119.1



#10

Phenol

Concen: 77.770 ng

RT: 7.09 min Scan# 919

Delta R.T. 0.02 min

Lab File: BF097596.D

Acq: 11 Aug 2017 15:10

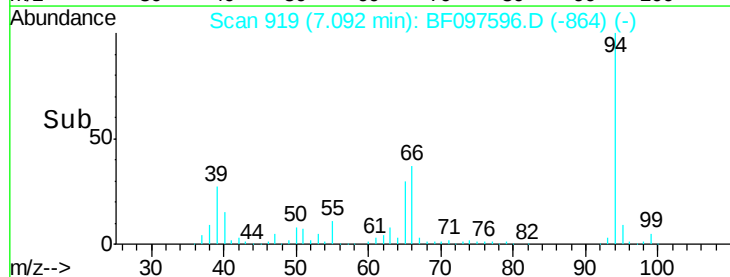
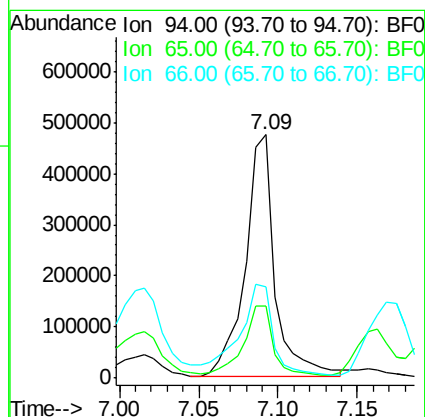
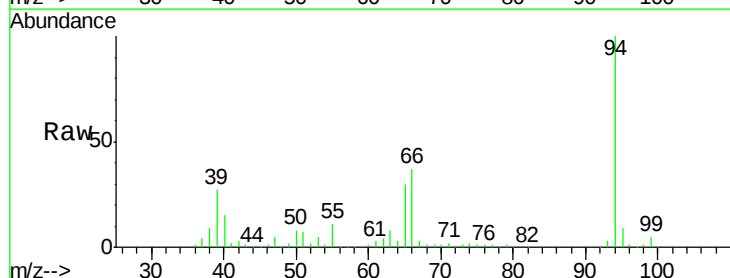
Tgt Ion: 94 Resp: 607146

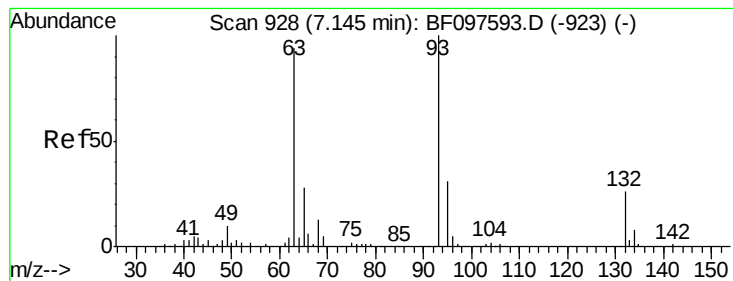
Ion Ratio Lower Upper

94 100

65 29.7 9.9 49.9

66 37.4 23.1 63.1

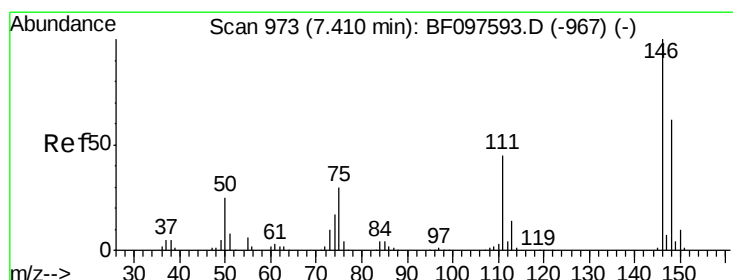
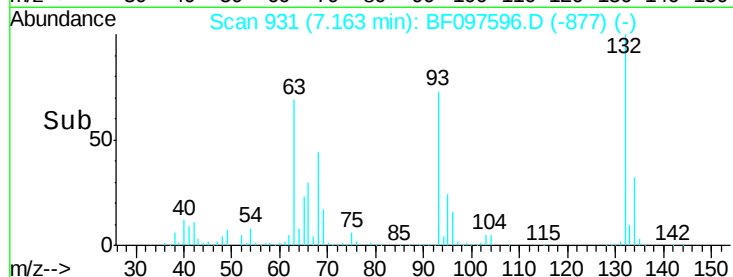
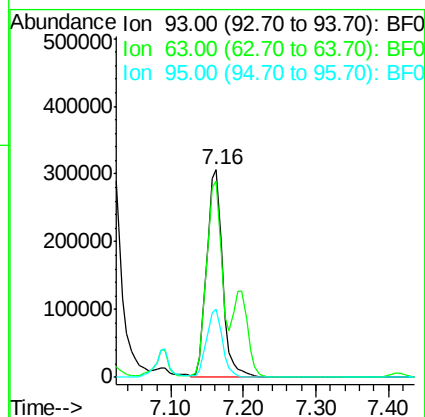
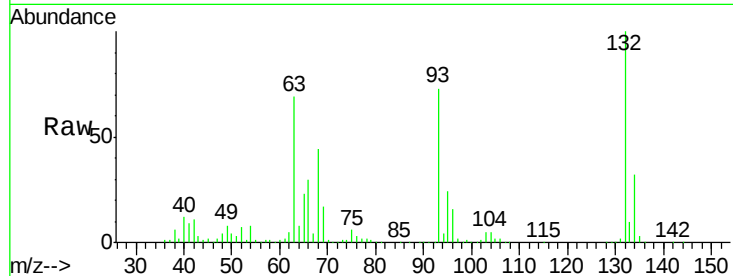




#11  
bis(2-Chloroethyl)ether  
Concen: 75.574 ng  
RT: 7.16 min Scan# 931  
Delta R.T. 0.02 min  
Lab File: BF097596.D  
Acq: 11 Aug 2017 15:10

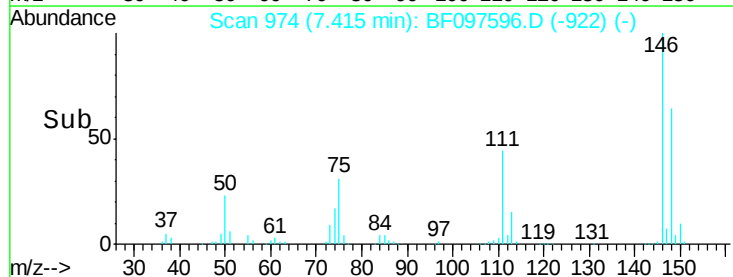
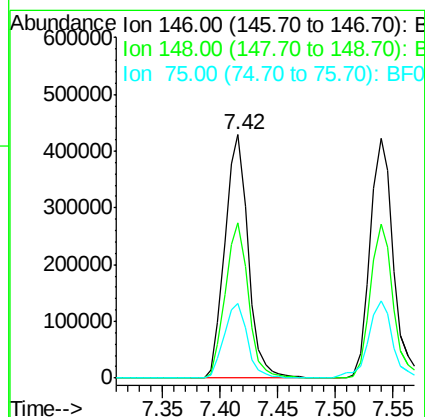
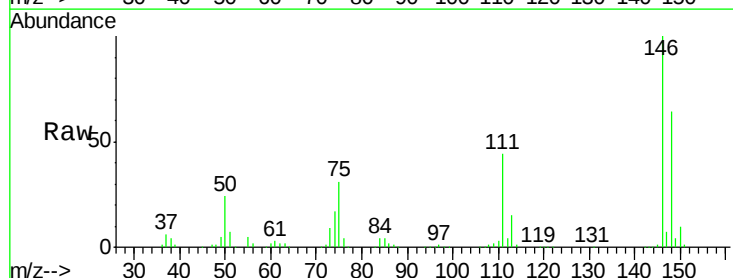
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

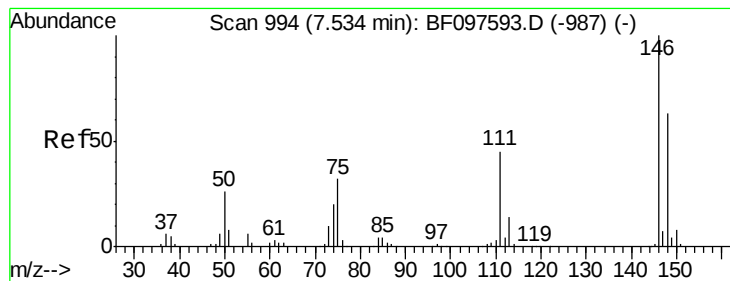
Tgt Ion: 93 Resp: 467391  
Ion Ratio Lower Upper  
93 100  
63 94.6 59.2 99.2  
95 33.1 12.8 52.8



#12  
1,3-Dichlorobenzene  
Concen: 79.387 ng  
RT: 7.42 min Scan# 974  
Delta R.T. 0.01 min  
Lab File: BF097596.D  
Acq: 11 Aug 2017 15:10

Tgt Ion: 146 Resp: 600616  
Ion Ratio Lower Upper  
146 100  
148 63.6 51.8 77.6  
75 30.6 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 78.757 ng

RT: 7.54 min Scan# 995

Delta R.T. 0.01 min

Lab File: BF097596.D

Acq: 11 Aug 2017 15:10

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

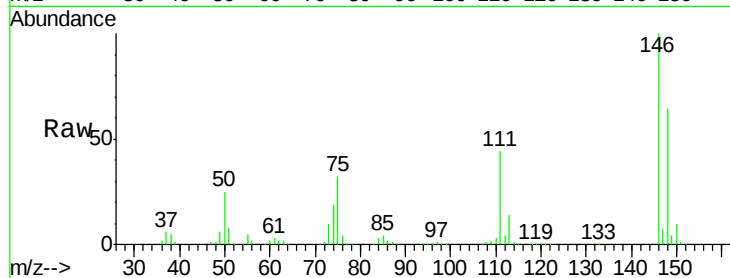
Tgt Ion:146 Resp: 604253

Ion Ratio Lower Upper

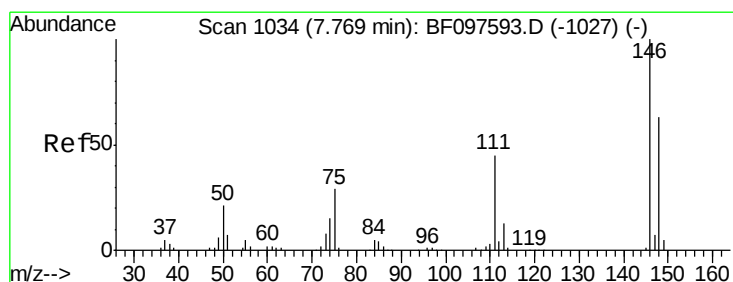
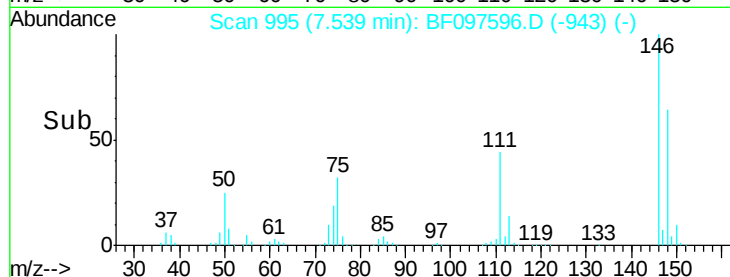
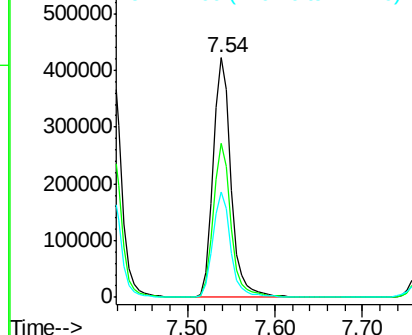
146 100

148 64.2 52.2 78.2

111 44.0 30.3 45.5



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: 75.421 ng

RT: 7.77 min Scan# 1035

Delta R.T. 0.01 min

Lab File: BF097596.D

Acq: 11 Aug 2017 15:10

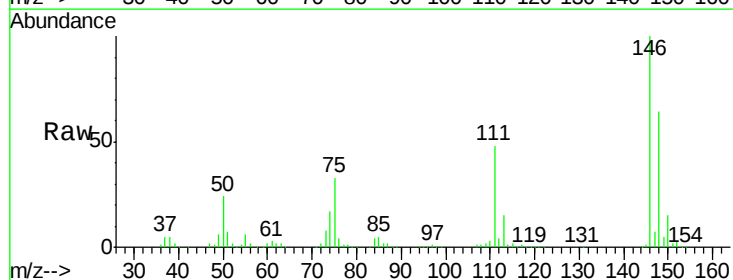
Tgt Ion:146 Resp: 533452

Ion Ratio Lower Upper

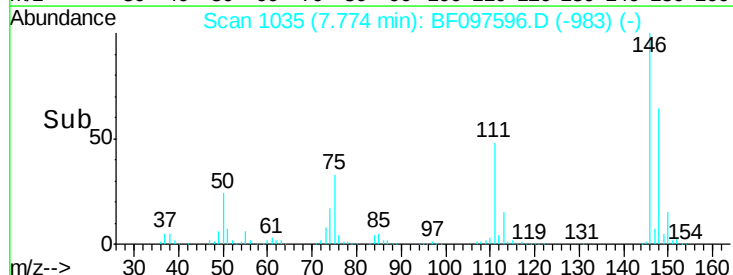
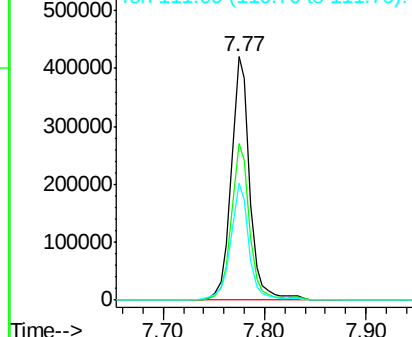
146 100

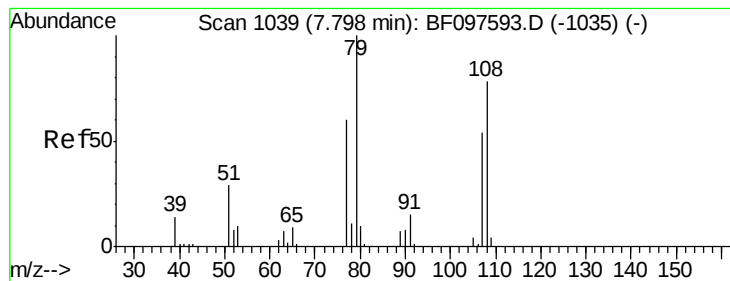
148 64.4 50.4 75.6

111 48.1 38.2 57.4



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: 82.848 ng

RT: 7.81 min Scan# 1041

Delta R.T. 0.01 min

Lab File: BF097596.D

Acq: 11 Aug 2017 15:10

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

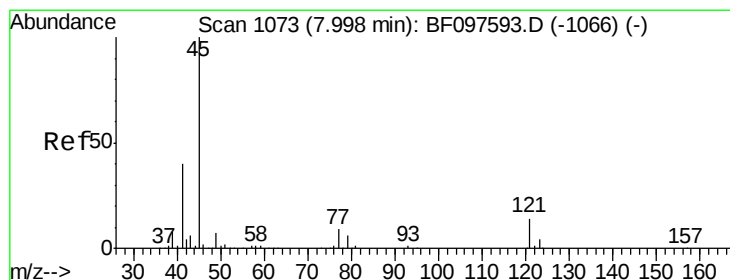
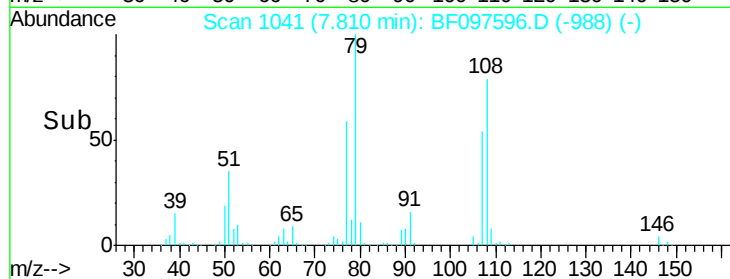
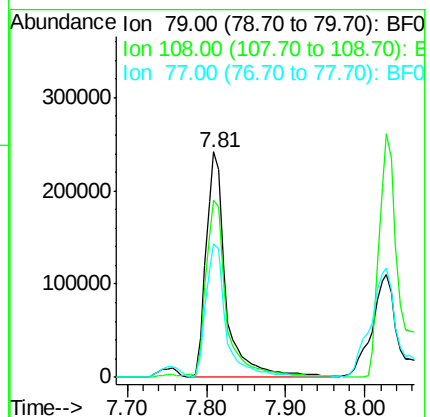
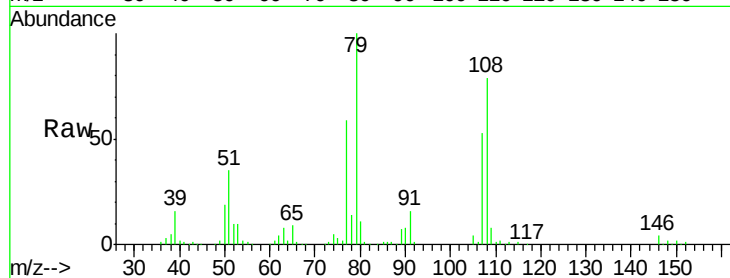
Tgt Ion: 79 Resp: 427952

Ion Ratio Lower Upper

79 100

108 78.7 63.4 95.0

77 59.2 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 127.775 ng

RT: 8.00 min Scan# 1074

Delta R.T. 0.01 min

Lab File: BF097596.D

Acq: 11 Aug 2017 15:10

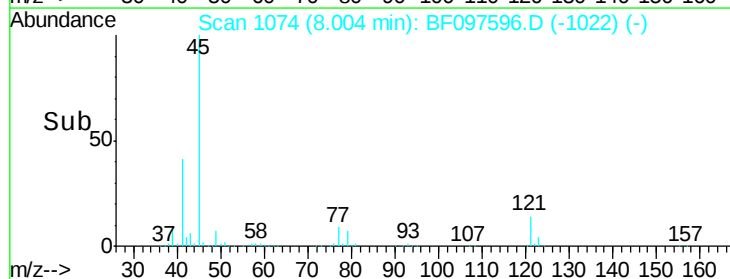
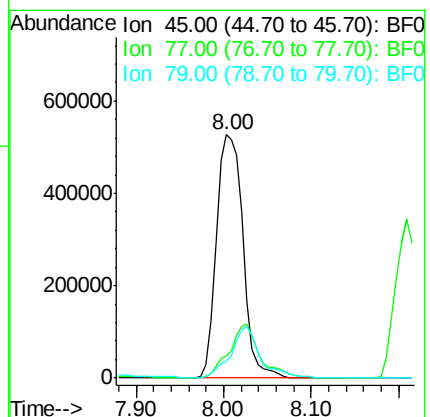
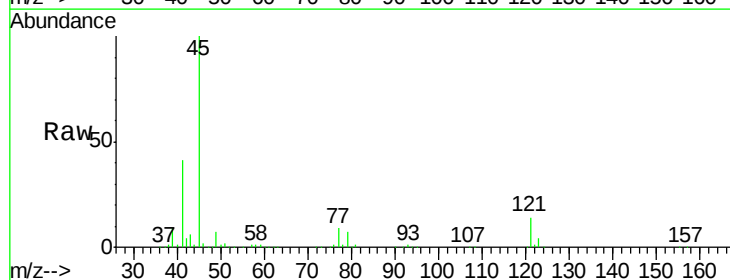
Tgt Ion: 45 Resp: 1110257

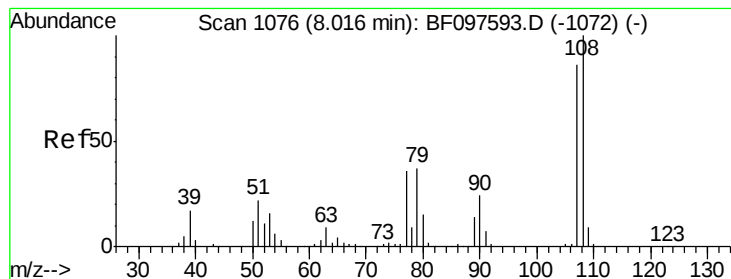
Ion Ratio Lower Upper

45 100

77 9.3 0.0 33.2

79 7.0 0.0 30.0





#17

2-Methylphenol

Concen: 72.560 ng

RT: 8.03 min Scan# 1078

Delta R.T. 0.01 min

Lab File: BF097596.D

Acq: 11 Aug 2017 15:10

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

Tgt Ion:107 Resp: 407015

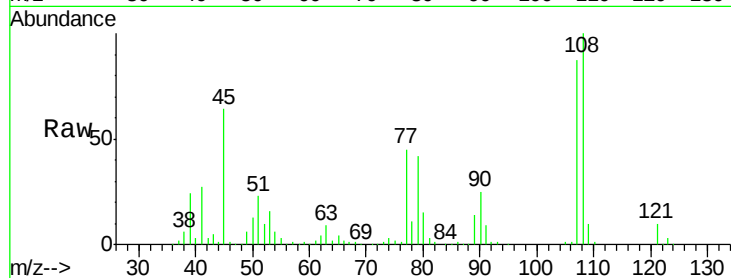
Ion Ratio Lower Upper

107 100

108 115.3 93.4 140.0

77 52.0 35.8 53.6

79 48.8 34.8 52.2

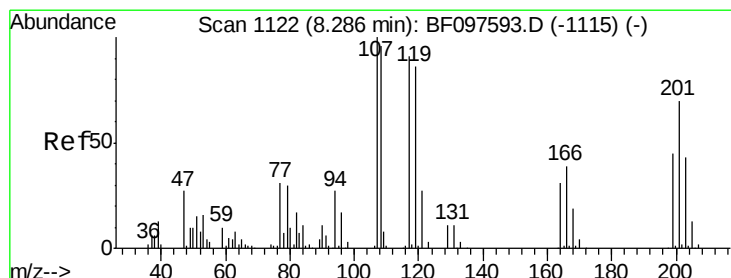
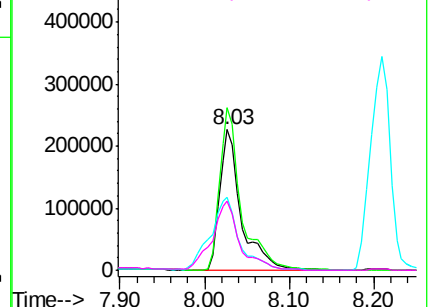
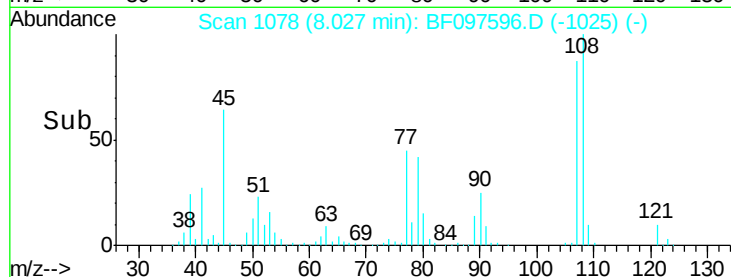


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 74.949 ng

RT: 8.29 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BF097596.D

Acq: 11 Aug 2017 15:10

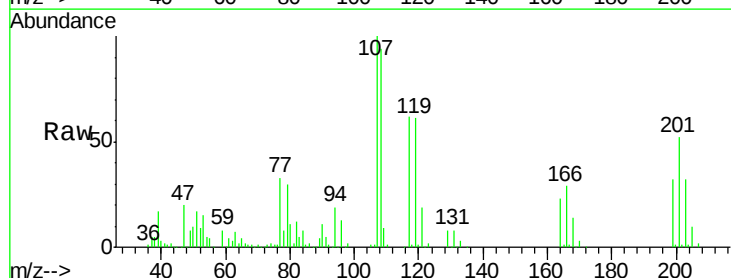
Tgt Ion:117 Resp: 189919

Ion Ratio Lower Upper

117 100

119 98.9 77.4 116.0

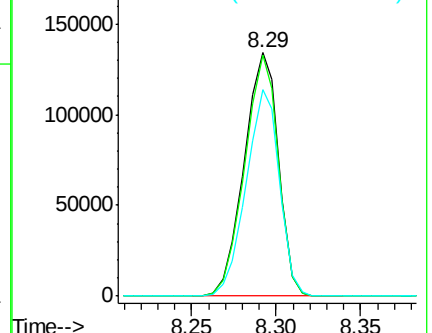
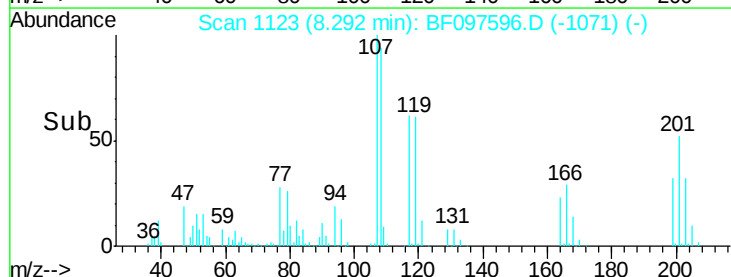
201 84.6 94.6 141.8#

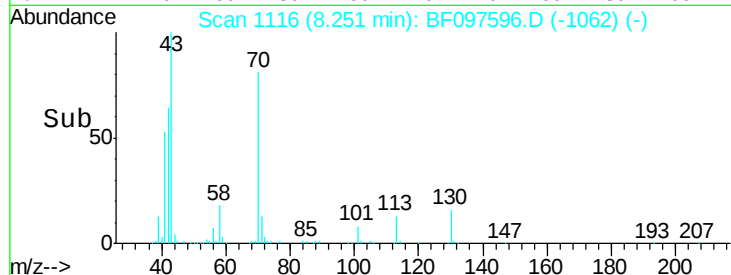
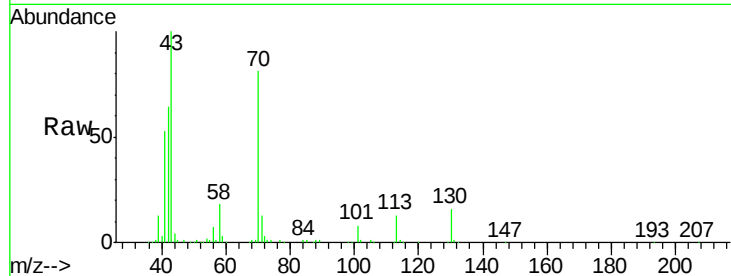
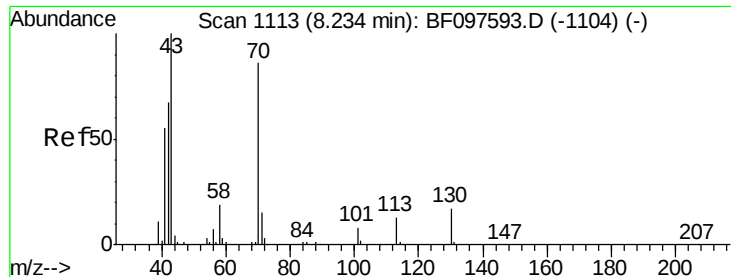


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

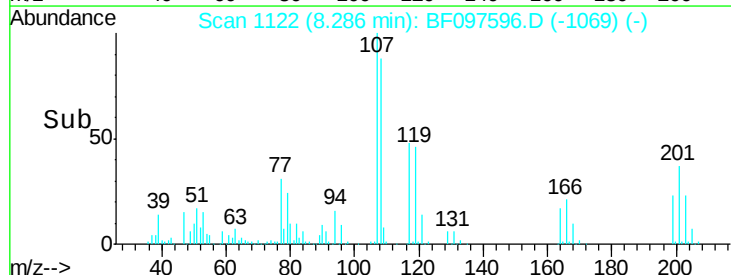
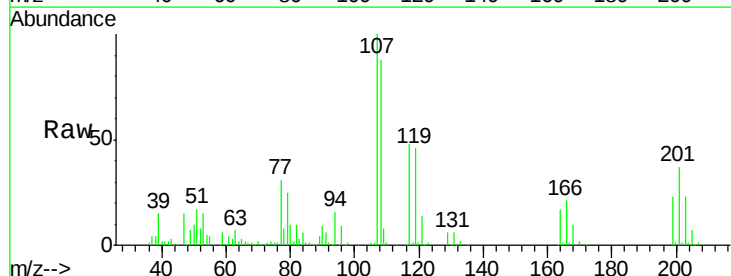
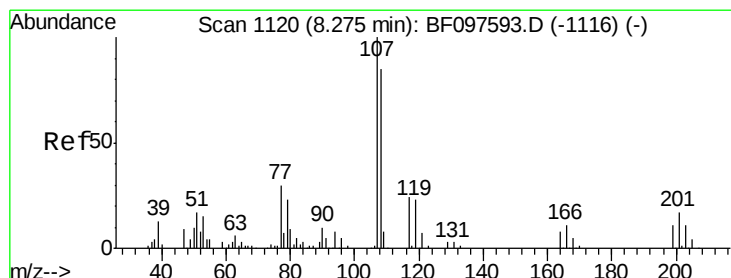
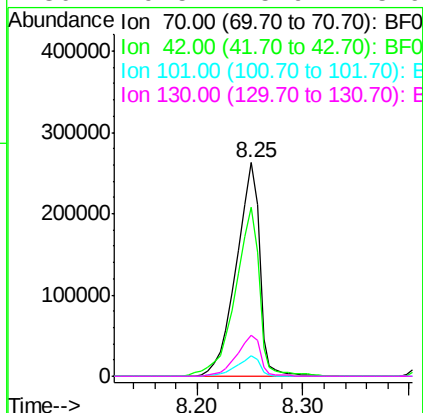




#19  
n-Nitroso-di-n-propylamine  
Concen: 84.102 ng  
RT: 8.25 min Scan# 1116  
Delta R.T. 0.02 min  
Lab File: BF097596.D  
Acq: 11 Aug 2017 15:10

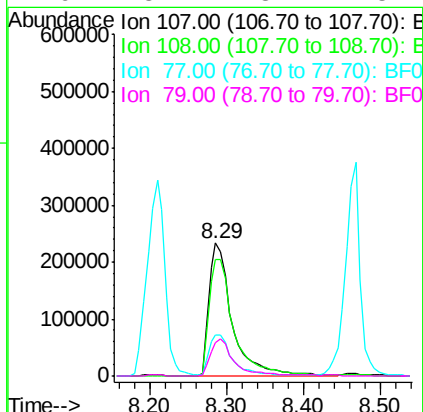
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

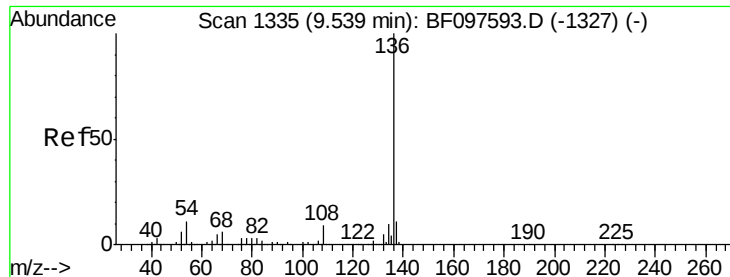
Tgt Ion: 70 Resp: 401111  
Ion Ratio Lower Upper  
70 100  
42 78.9 47.2 70.8#  
101 9.4 7.2 10.8  
130 19.5 15.9 23.9



#20  
3+4-Methylphenols  
Concen: 68.597 ng  
RT: 8.29 min Scan# 1122  
Delta R.T. 0.01 min  
Lab File: BF097596.D  
Acq: 11 Aug 2017 15:10

Tgt Ion: 107 Resp: 488445  
Ion Ratio Lower Upper  
107 100  
108 87.6 71.0 111.0  
77 31.1 90.5 130.5#  
79 25.1 8.4 48.4

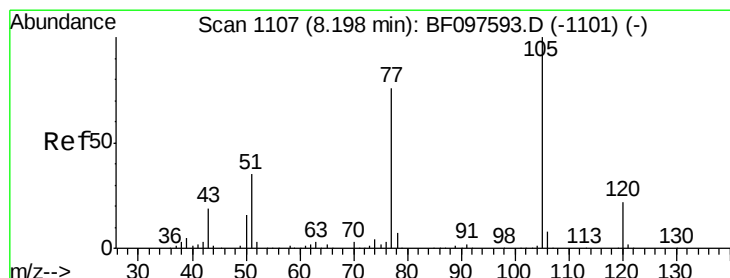
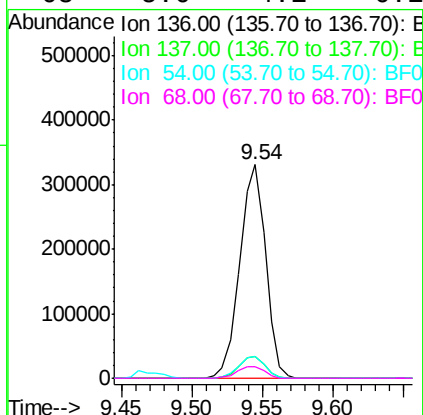
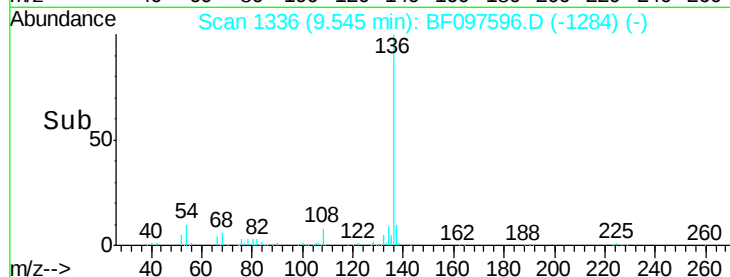
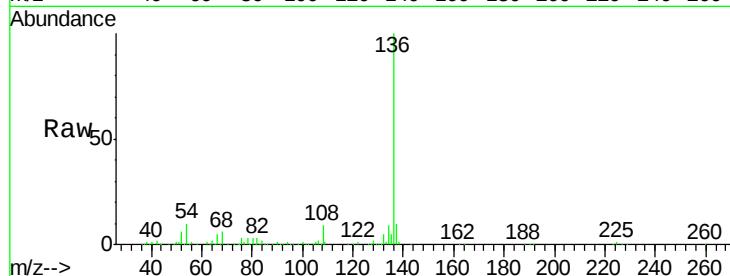




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 9.54 min Scan# 1336  
Delta R.T. 0.01 min  
Lab File: BF097596.D  
Acq: 11 Aug 2017 15:10

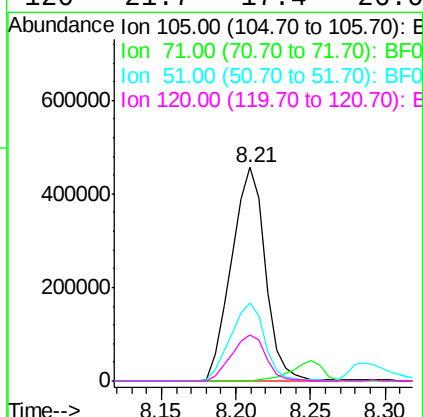
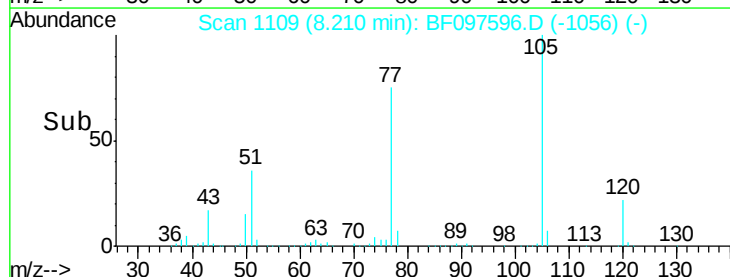
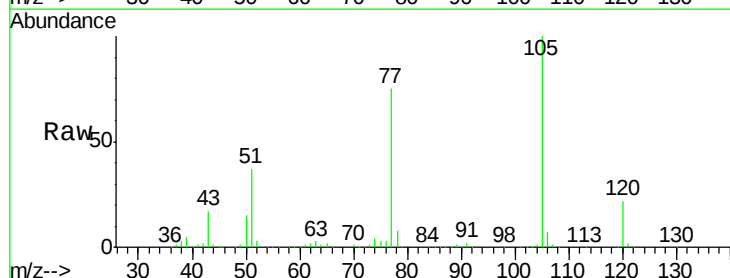
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

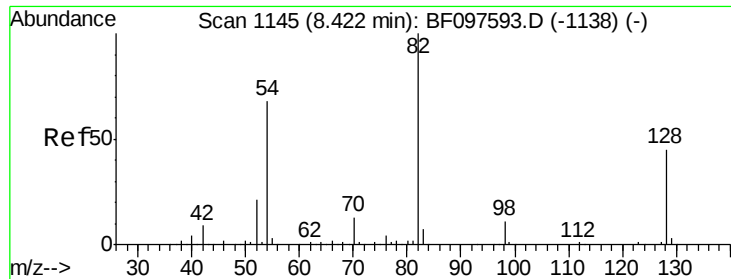
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 422412 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.3  | 8.5   | 12.7   |
| 54       | 10.4  | 4.9   | 7.3#   |
| 68       | 5.6   | 4.1   | 6.1    |



#22  
Acetophenone  
Concen: 73.407 ng  
RT: 8.21 min Scan# 1109  
Delta R.T. 0.01 min  
Lab File: BF097596.D  
Acq: 11 Aug 2017 15:10

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 725771 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 0.3   | 2.8   | 4.2#   |
| 51       | 36.5  | 30.7  | 46.1   |
| 120      | 21.7  | 17.4  | 26.0   |

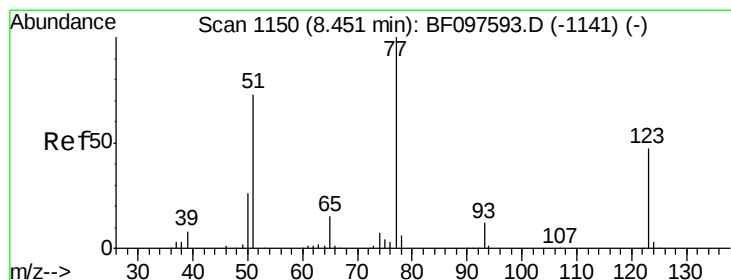
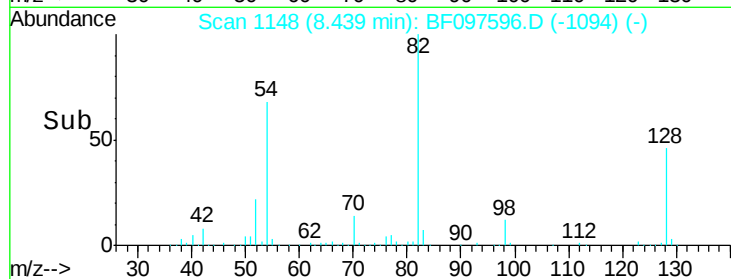
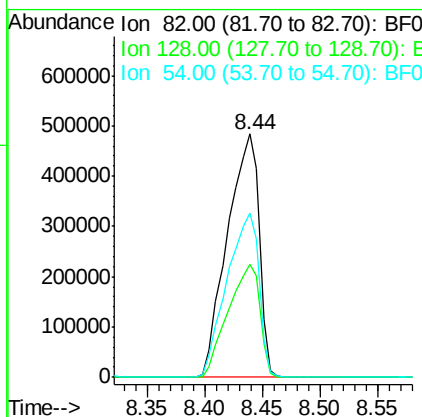
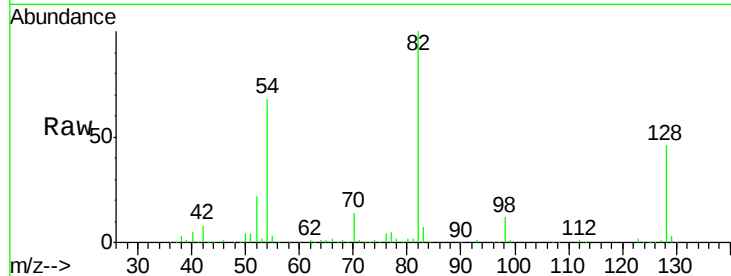




#23  
Nitrobenzene-d5  
Concen: 135.102 ng  
RT: 8.44 min Scan# 1148  
Delta R.T. 0.02 min  
Lab File: BF097596.D  
Acq: 11 Aug 2017 15:10

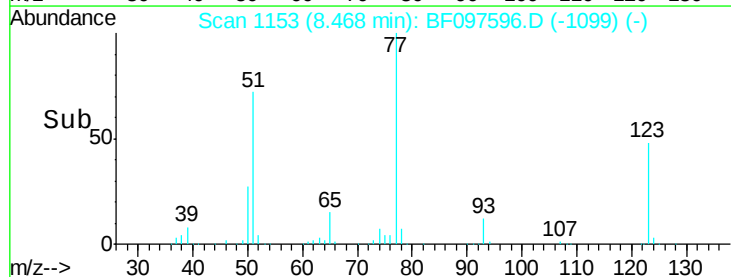
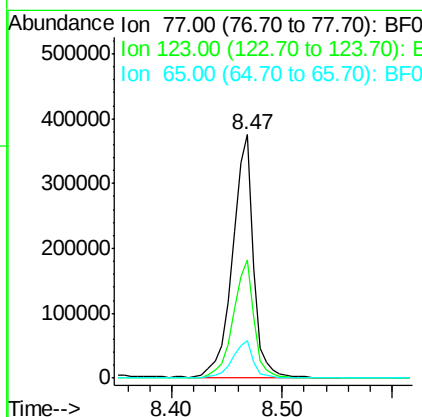
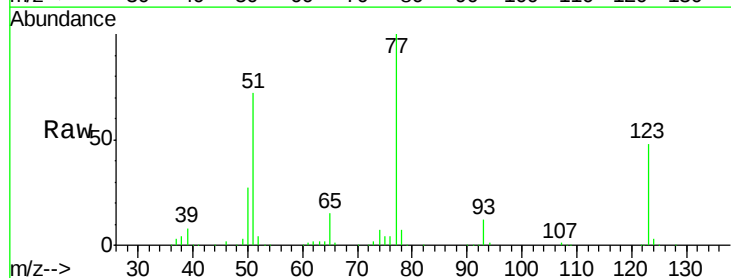
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

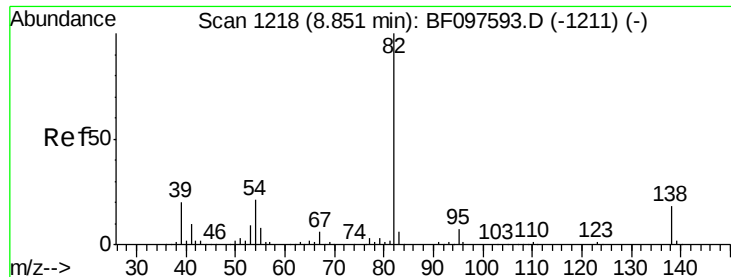
Tgt Ion: 82 Resp: 918912  
Ion Ratio Lower Upper  
82 100  
128 46.2 34.0 51.0  
54 67.7 42.2 63.2#



#24  
Nitrobenzene  
Concen: 68.663 ng  
RT: 8.47 min Scan# 1153  
Delta R.T. 0.02 min  
Lab File: BF097596.D  
Acq: 11 Aug 2017 15:10

Tgt Ion: 77 Resp: 498878  
Ion Ratio Lower Upper  
77 100  
123 48.3 35.8 53.8  
65 15.4 10.6 15.8

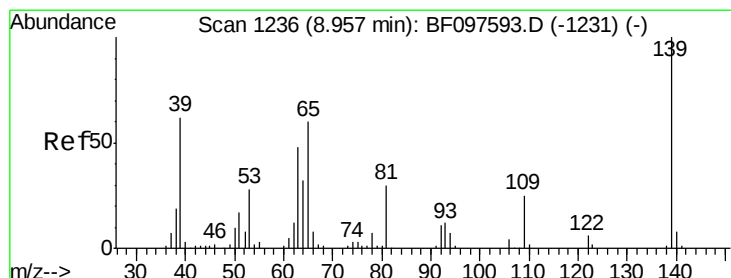
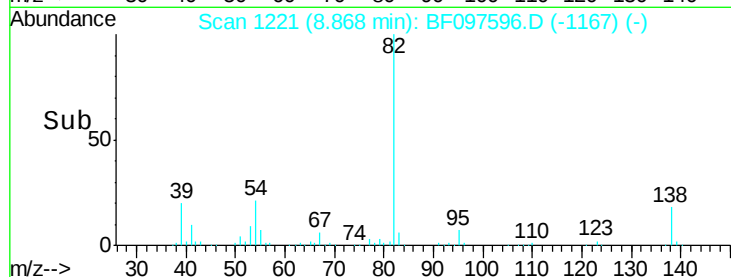
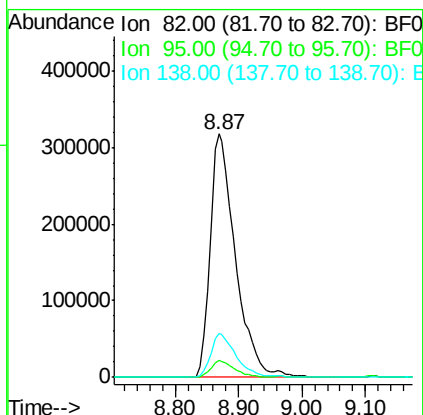
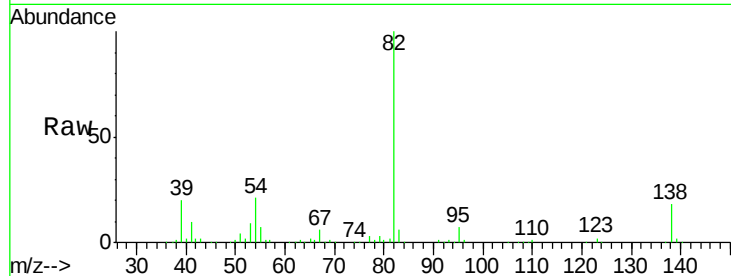




#25  
Isophorone  
Concen: 70.080 ng  
RT: 8.87 min Scan# 1221  
Delta R.T. 0.02 min  
Lab File: BF097596.D  
Acq: 11 Aug 2017 15:10

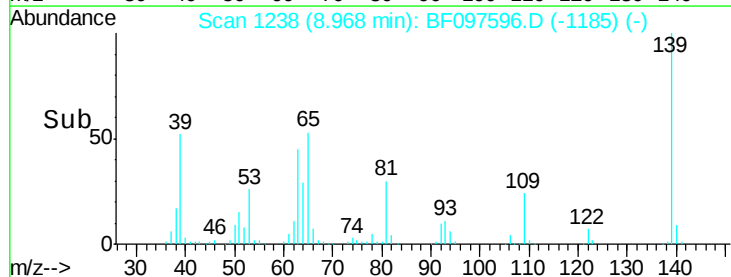
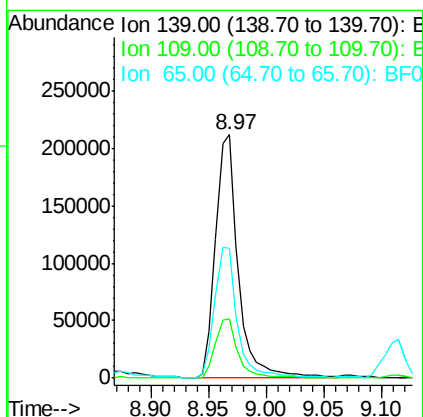
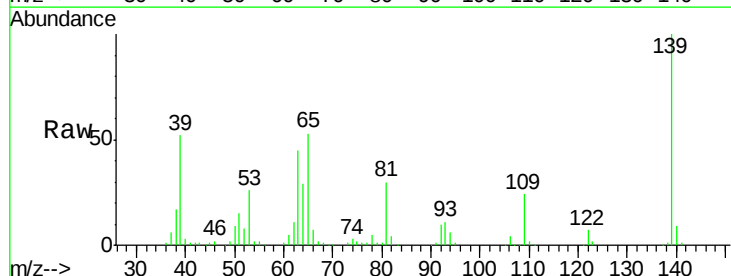
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

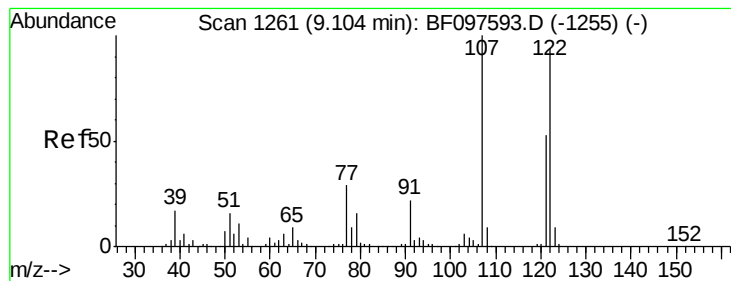
Tgt Ion: 82 Resp: 890018  
Ion Ratio Lower Upper  
82 100  
95 7.2 5.3 7.9  
138 18.1 13.1 19.7



#26  
2-Nitrophenol  
Concen: 75.913 ng  
RT: 8.97 min Scan# 1238  
Delta R.T. 0.01 min  
Lab File: BF097596.D  
Acq: 11 Aug 2017 15:10

Tgt Ion: 139 Resp: 288819  
Ion Ratio Lower Upper  
139 100  
109 24.1 21.0 31.6  
65 53.4 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 73.079 ng

RT: 9.12 min Scan# 1263

Delta R.T. 0.01 min

Lab File: BF097596.D

Acq: 11 Aug 2017 15:10

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

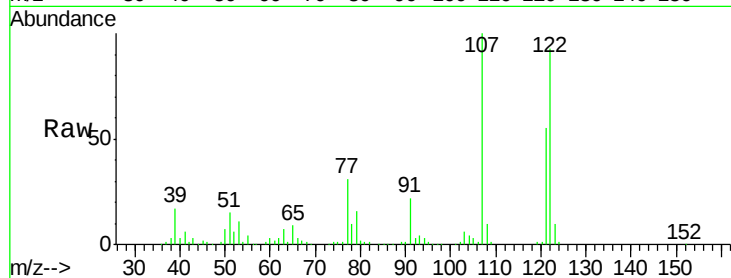
Tgt Ion:122 Resp: 431488

Ion Ratio Lower Upper

122 100

107 107.7 89.2 133.8

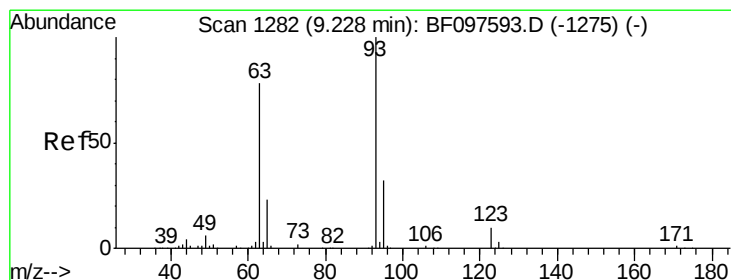
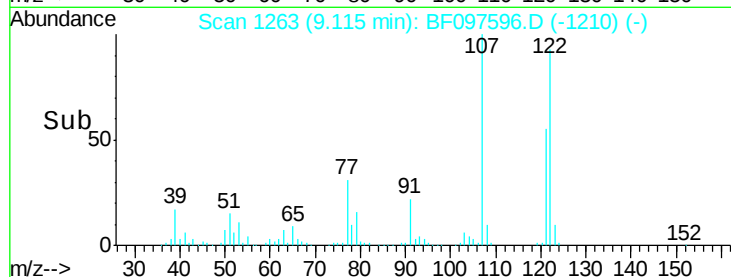
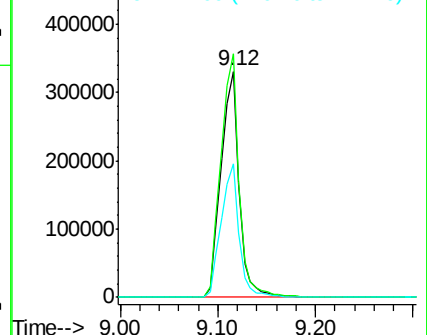
121 59.0 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 73.574 ng

RT: 9.24 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF097596.D

Acq: 11 Aug 2017 15:10

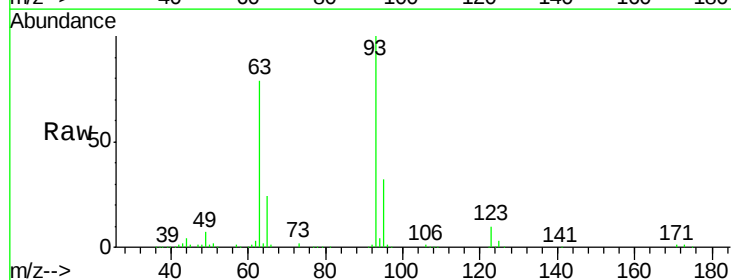
Tgt Ion: 93 Resp: 615932

Ion Ratio Lower Upper

93 100

95 32.5 26.5 39.7

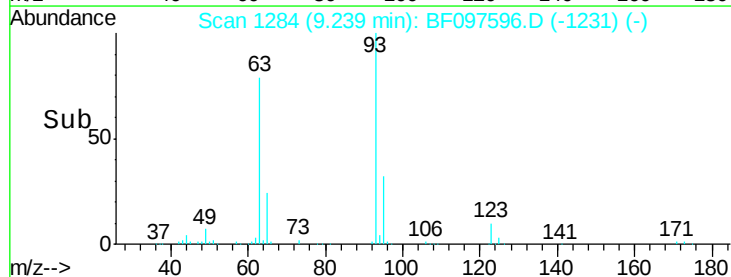
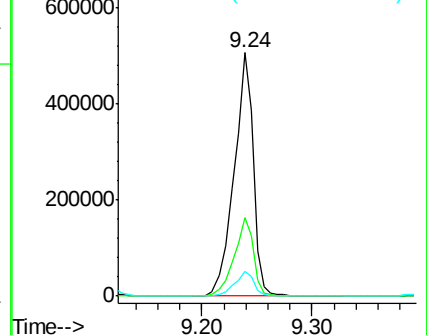
123 10.0 9.0 13.4

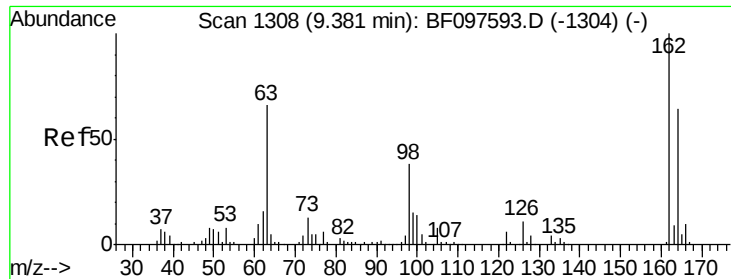


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

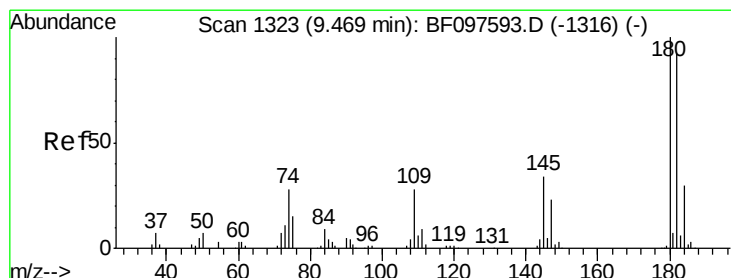
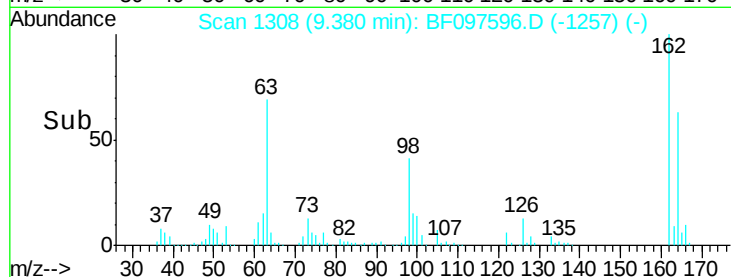
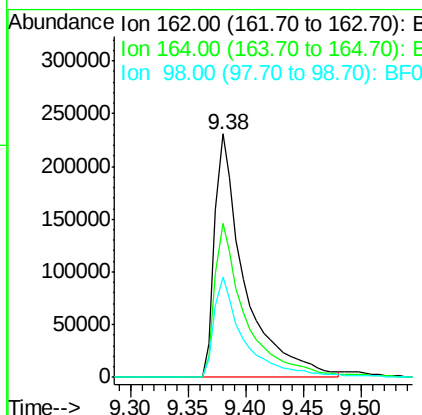
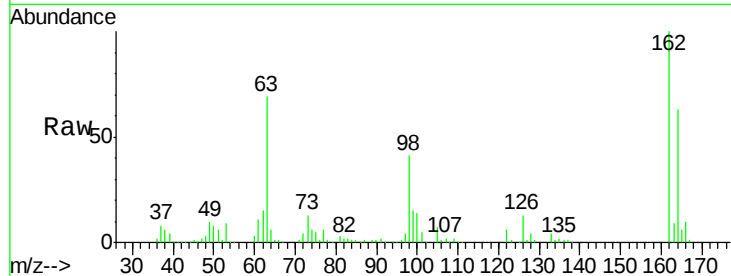




#29  
 2,4-Dichlorophenol  
 Concen: 72.852 ng  
 RT: 9.38 min Scan# 1308  
 Delta R.T. -0.00 min  
 Lab File: BF097596.D  
 Acq: 11 Aug 2017 15:10

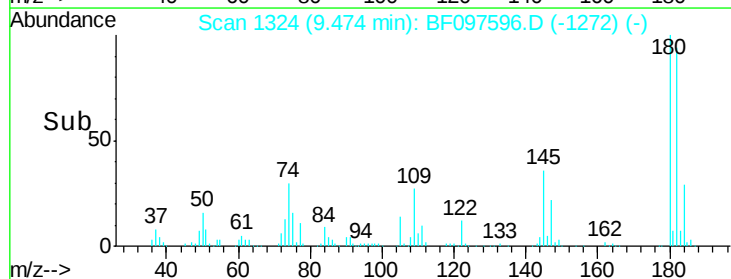
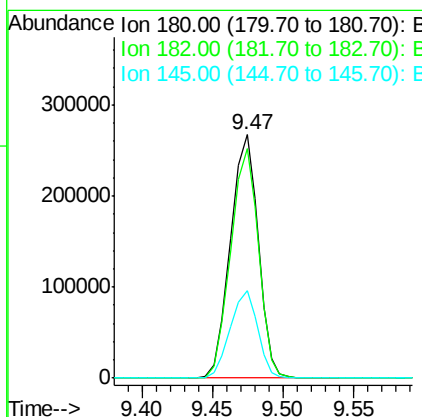
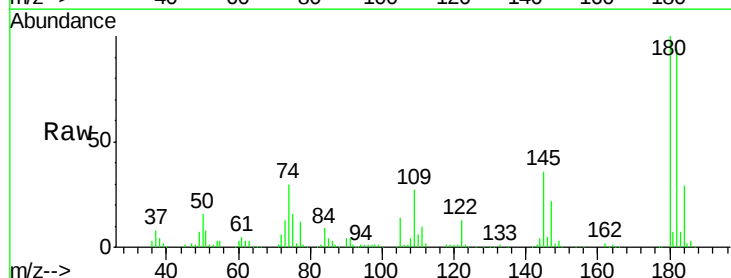
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDIC080

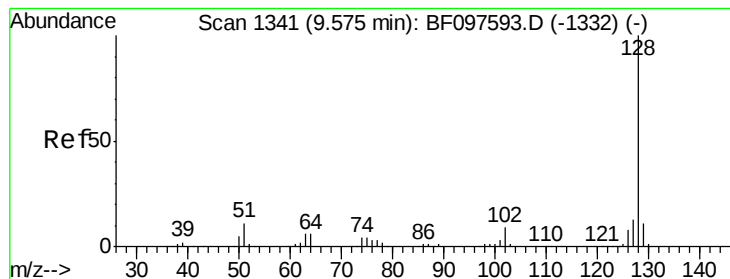
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.2  | 44.6  | 84.6  |
| 98      | 41.3  | 14.8  | 54.8  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 62.011 ng  
 RT: 9.47 min Scan# 1324  
 Delta R.T. 0.01 min  
 Lab File: BF097596.D  
 Acq: 11 Aug 2017 15:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.3  | 75.8  | 113.6 |
| 145     | 35.7  | 25.3  | 37.9  |





#31

Naphthalene

Concen: 70.830 ng

RT: 9.58 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BF097596.D

Acq: 11 Aug 2017 15:10

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

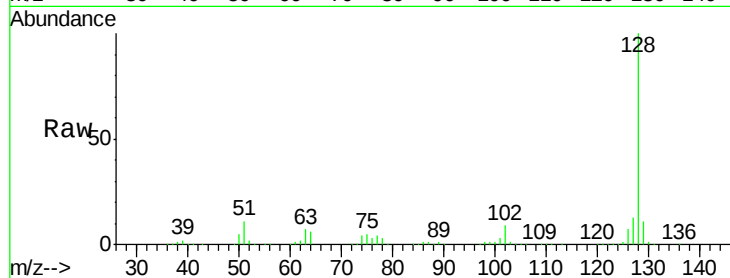
Tgt Ion:128 Resp: 1501548

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

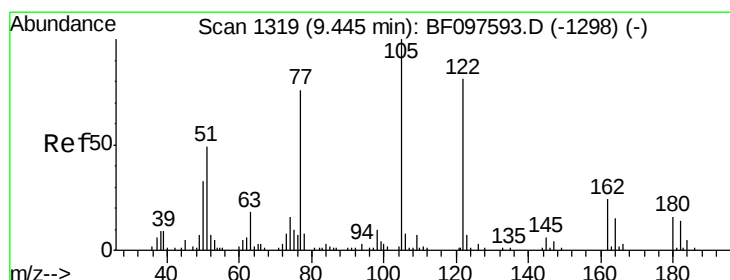
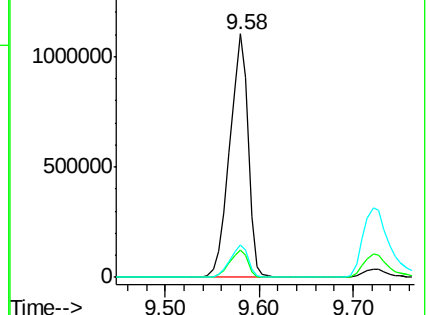
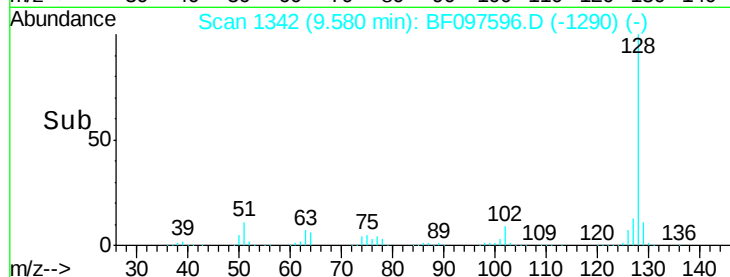
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

1500000 Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 56.246 ng

RT: 9.46 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF097596.D

Acq: 11 Aug 2017 15:10

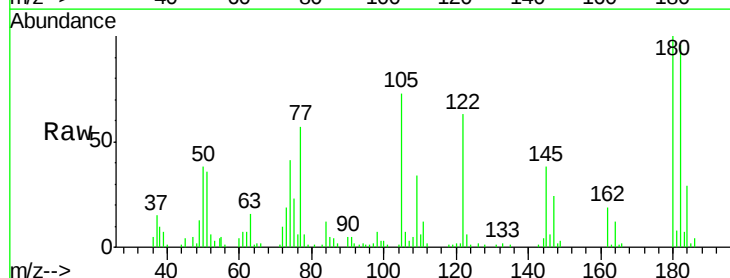
Tgt Ion:122 Resp: 191623

Ion Ratio Lower Upper

122 100

105 115.2 103.3 143.3

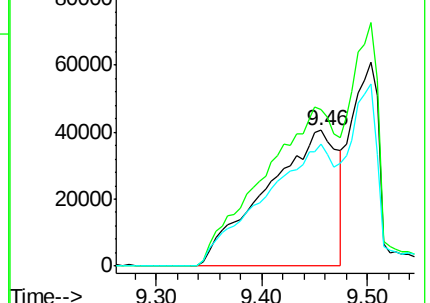
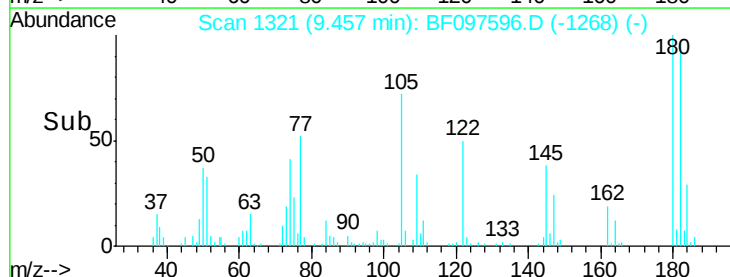
77 89.5 73.7 113.7

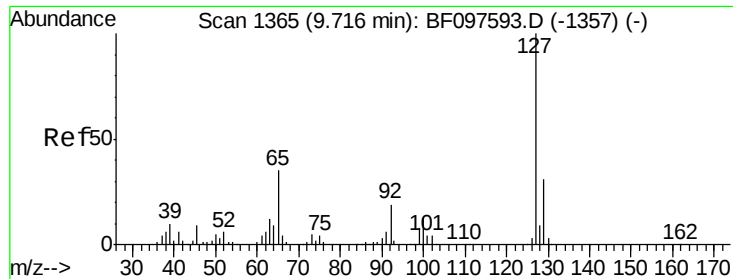


Abundance Ion 122.00 (121.70 to 122.70): E

100000 Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

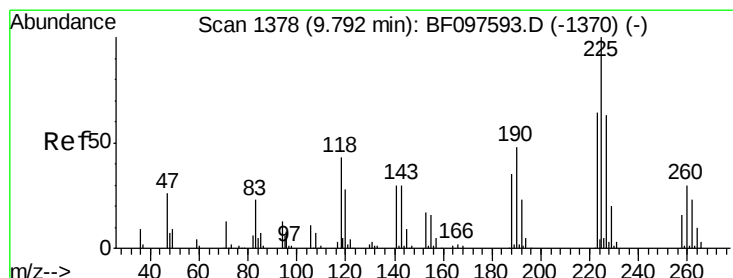
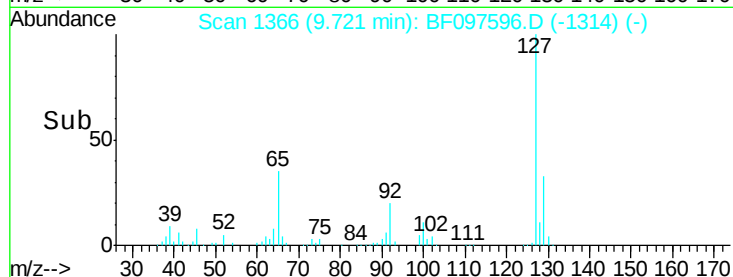
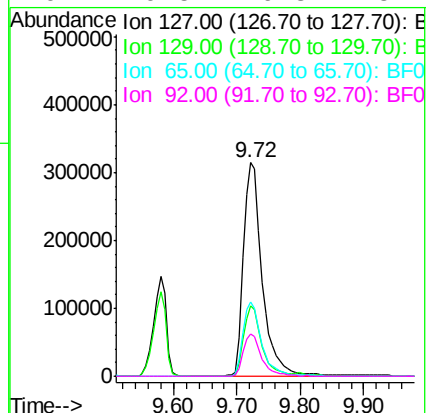
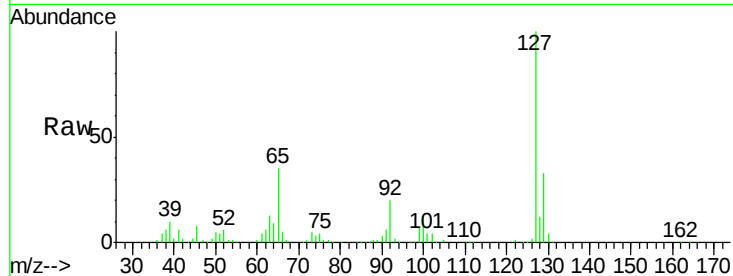




#33  
4-Chloroaniline  
Concen: 77.284 ng  
RT: 9.72 min Scan# 1366  
Delta R.T. 0.01 min  
Lab File: BF097596.D  
Acq: 11 Aug 2017 15:10

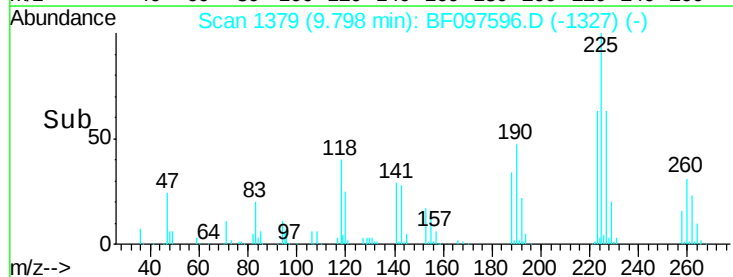
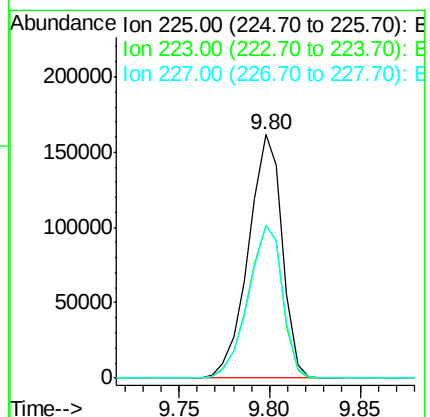
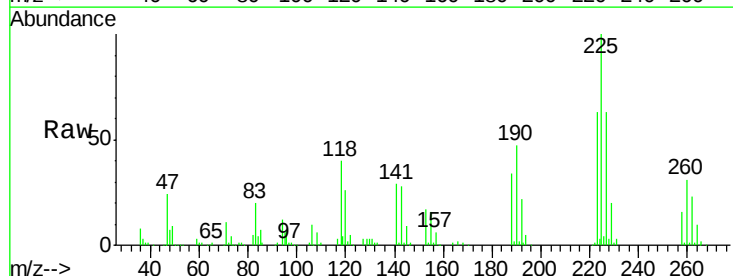
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

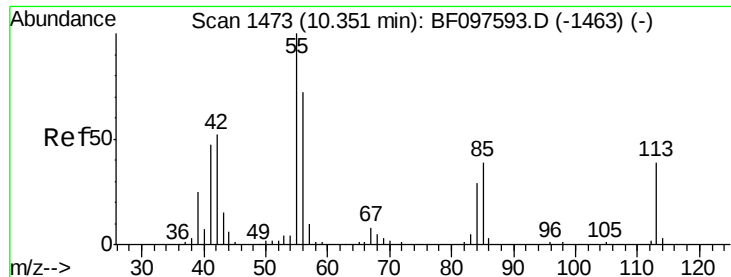
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 640366 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.9  | 26.2  | 39.2   |
| 65       | 35.0  | 27.8  | 41.8   |
| 92       | 19.5  | 16.8  | 25.2   |



#34  
Hexachlorobutadiene  
Concen: 68.382 ng  
RT: 9.80 min Scan# 1379  
Delta R.T. 0.01 min  
Lab File: BF097596.D  
Acq: 11 Aug 2017 15:10

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 209064 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.9  | 48.8  | 73.2   |
| 227      | 62.6  | 51.1  | 76.7   |





#35

Caprolactam

Concen: 64.875 ng

RT: 10.40 min Scan# 1481

Delta R.T. 0.05 min

Lab File: BF097596.D

Acq: 11 Aug 2017 15:10

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

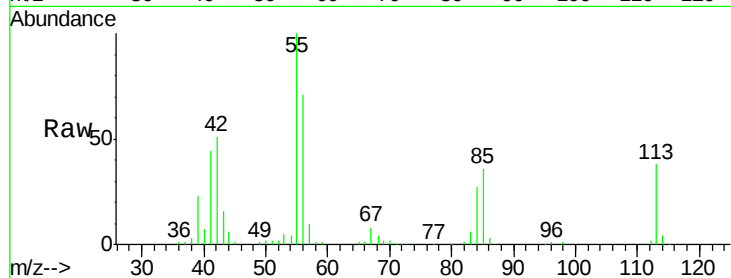
Tgt Ion:113 Resp: 109771

Ion Ratio Lower Upper

113 100

55 261.9 150.2 190.2#

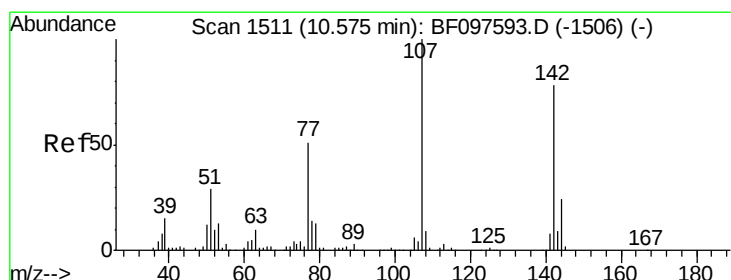
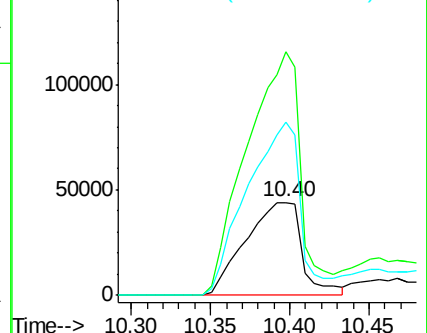
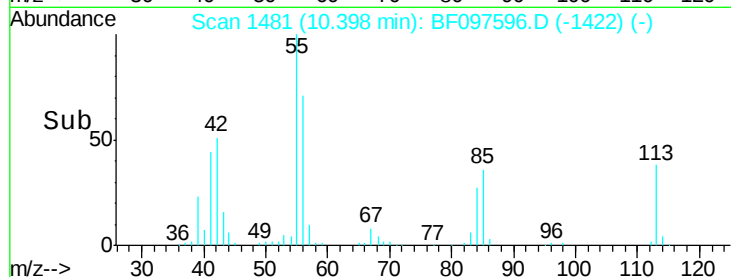
56 186.1 107.8 147.8#



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: 78.426 ng

RT: 10.59 min Scan# 1514

Delta R.T. 0.02 min

Lab File: BF097596.D

Acq: 11 Aug 2017 15:10

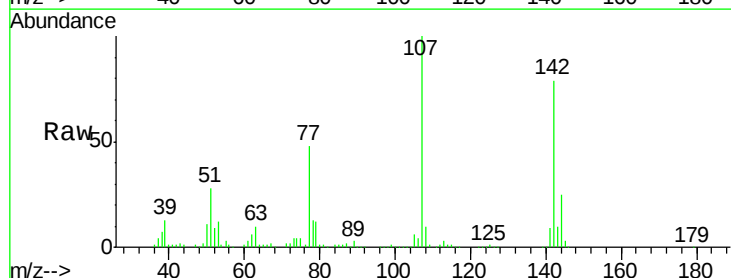
Tgt Ion:107 Resp: 466836

Ion Ratio Lower Upper

107 100

144 25.3 24.2 36.4

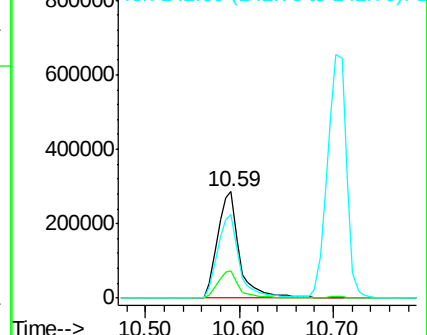
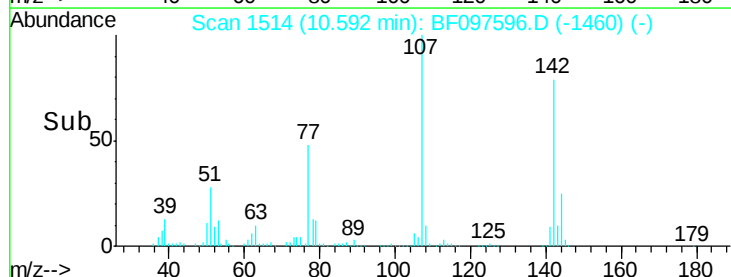
142 79.1 73.4 110.0

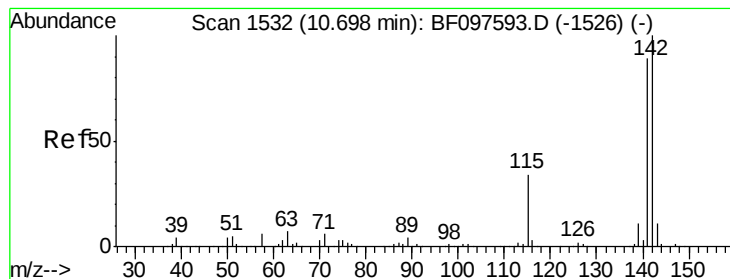


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

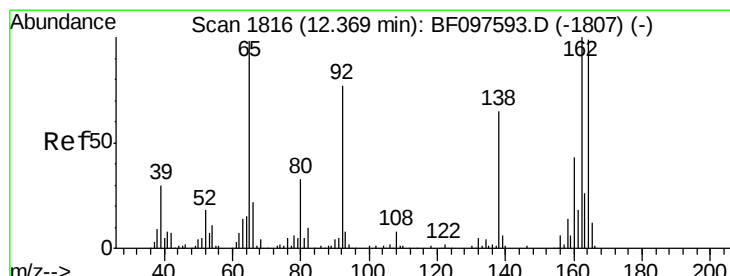
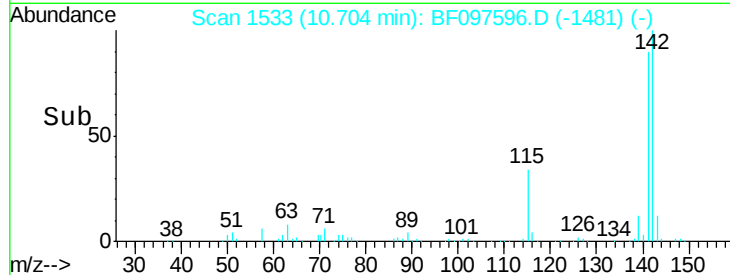
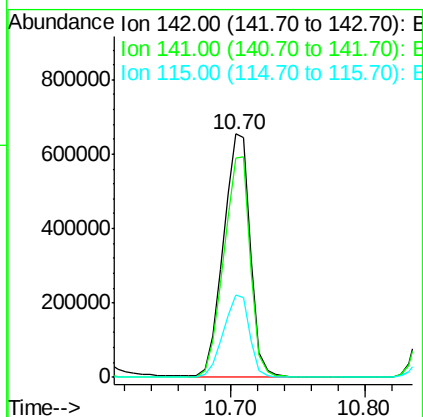
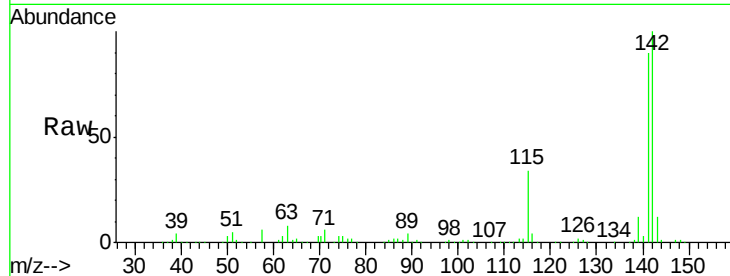




#37  
2-Methylnaphthalene  
Concen: 64.870 ng  
RT: 10.70 min Scan# 1533  
Delta R.T. 0.01 min  
Lab File: BF097596.D  
Acq: 11 Aug 2017 15:10

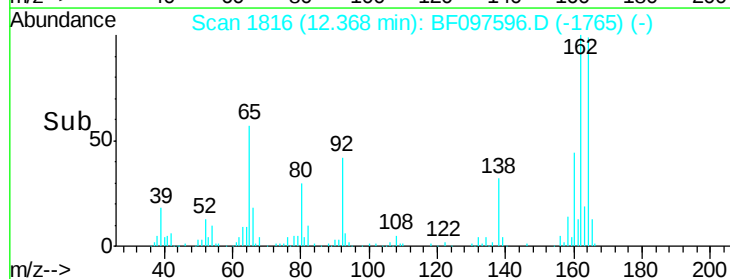
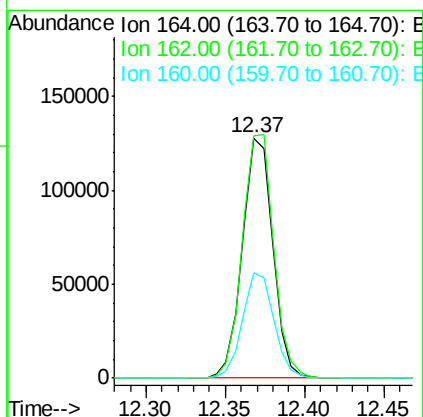
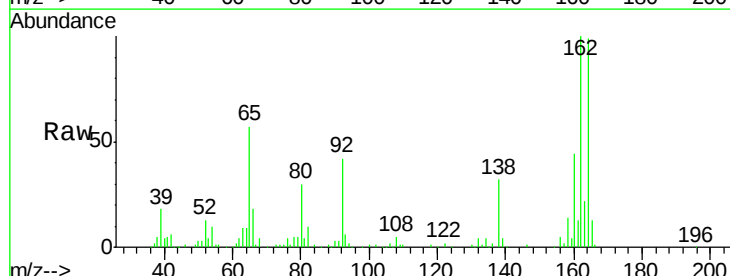
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

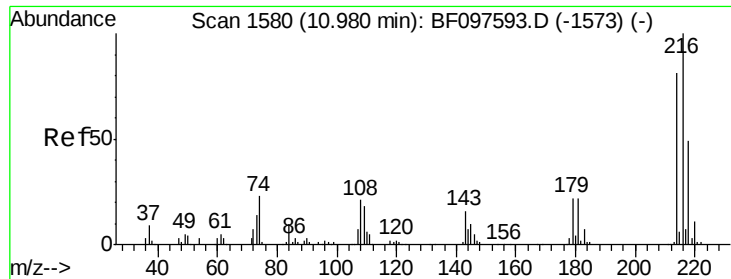
Tgt Ion:142 Resp: 929176  
Ion Ratio Lower Upper  
142 100  
141 90.2 71.3 106.9  
115 33.6 27.1 40.7



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 12.37 min Scan# 1816  
Delta R.T. -0.00 min  
Lab File: BF097596.D  
Acq: 11 Aug 2017 15:10

Tgt Ion:164 Resp: 170870  
Ion Ratio Lower Upper  
164 100  
162 101.1 82.6 123.8  
160 44.1 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 66.569 ng

RT: 10.99 min Scan# 1581

Delta R.T. 0.01 min

Lab File: BF097596.D

Acq: 11 Aug 2017 15:10

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

Tgt Ion:216 Resp: 340425

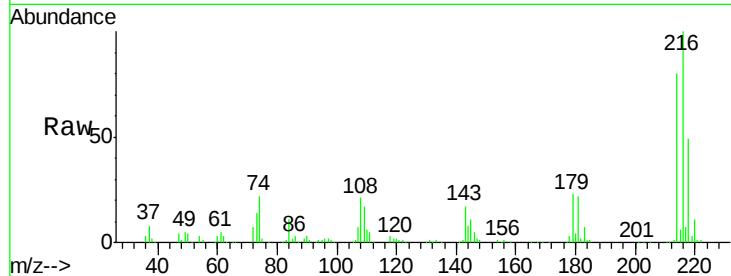
Ion Ratio Lower Upper

216 100

214 79.7 63.4 95.2

179 22.9 17.9 26.9

108 21.4 16.5 24.7

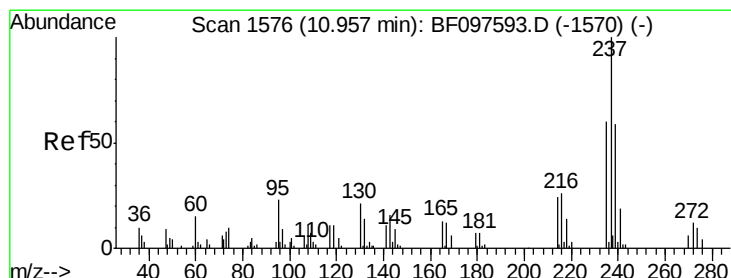
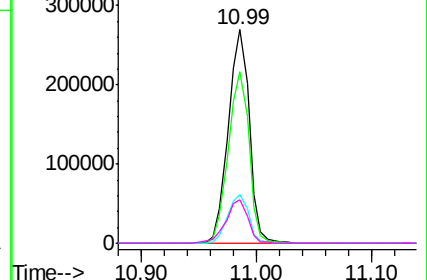
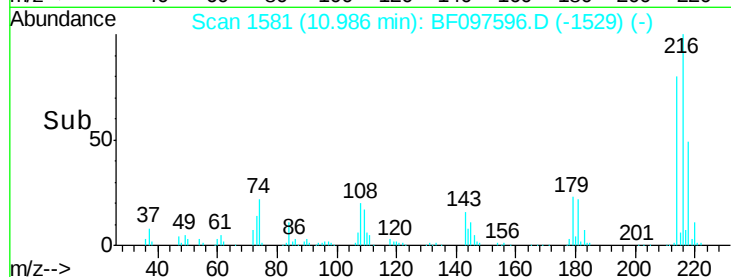


Abundance Ion 216.00 (215.70 to 216.70): E

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: 64.955 ng

RT: 10.96 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BF097596.D

Acq: 11 Aug 2017 15:10

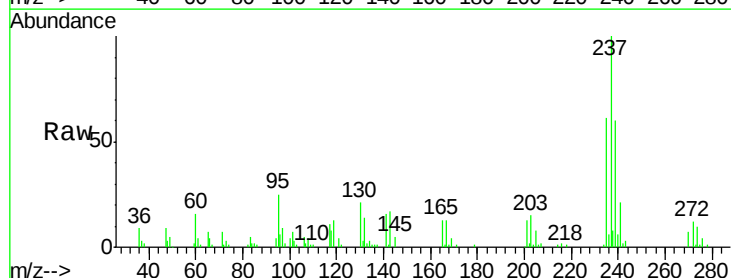
Tgt Ion:237 Resp: 76573

Ion Ratio Lower Upper

237 100

235 60.7 42.6 82.6

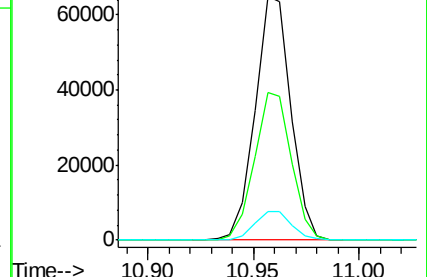
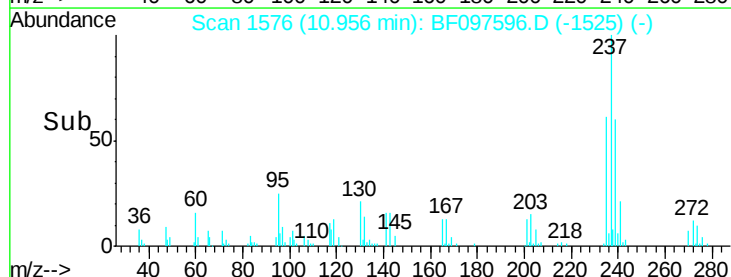
272 11.8 0.0 31.9

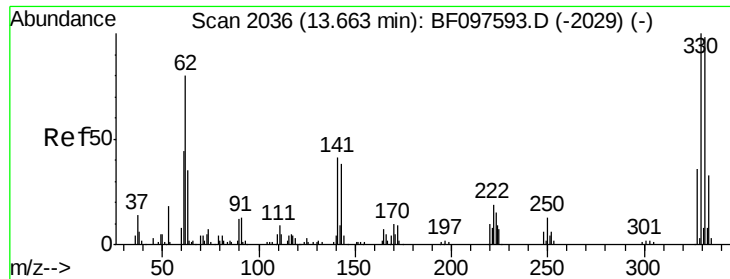


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

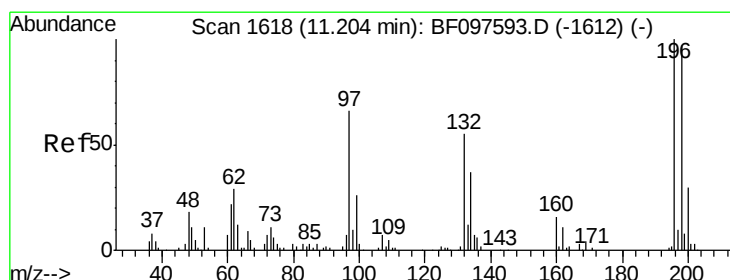
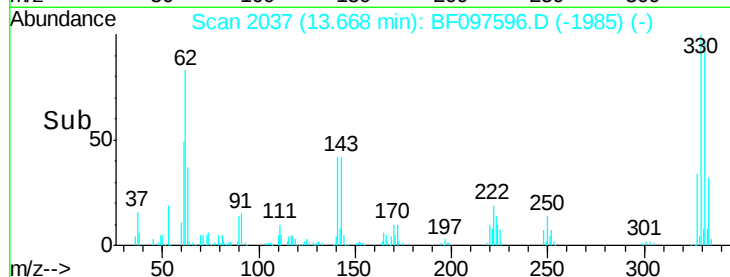
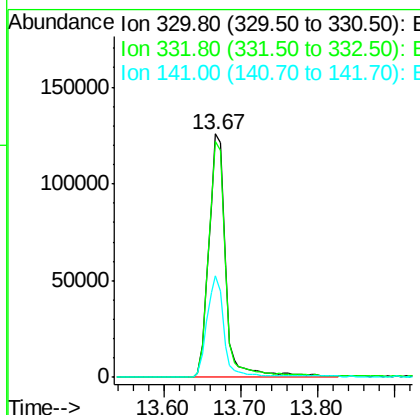
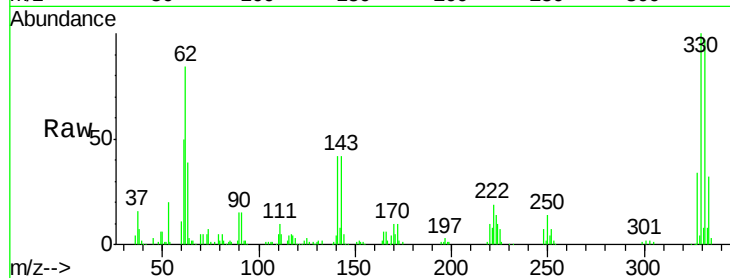




#41  
 2,4,6-Tribromophenol  
 Concen: 125.764 ng  
 RT: 13.67 min Scan# 2037  
 Delta R.T. 0.01 min  
 Lab File: BF097596.D  
 Acq: 11 Aug 2017 15:10

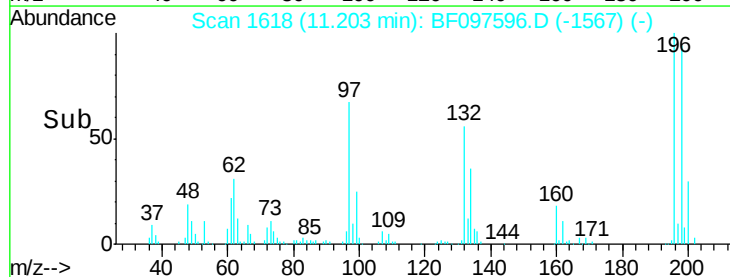
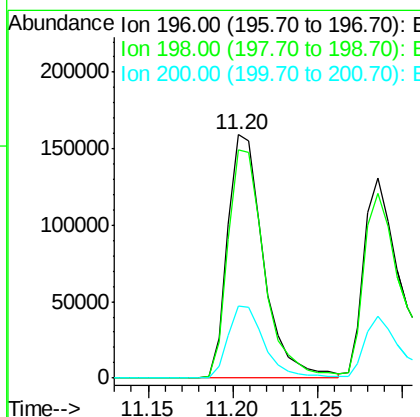
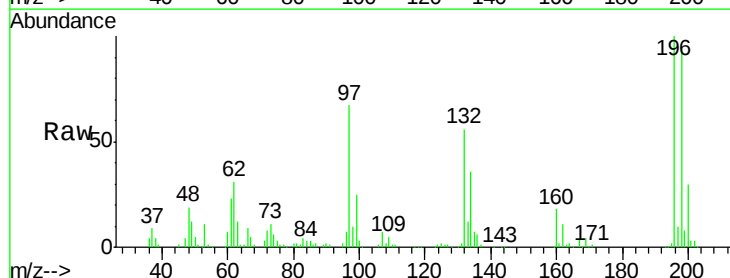
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

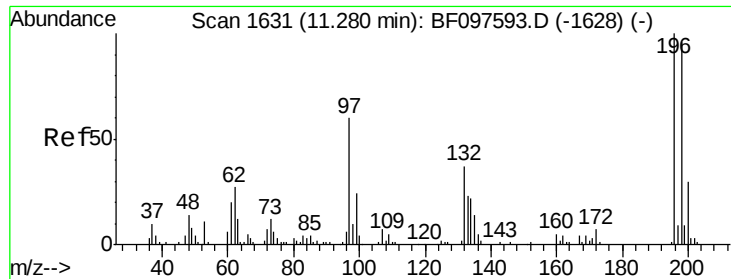
Tgt Ion:330 Resp: 190130  
 Ion Ratio Lower Upper  
 330 100  
 332 95.4 76.6 115.0  
 141 42.4 31.4 47.2



#42  
 2,4,6-Trichlorophenol  
 Concen: 71.693 ng  
 RT: 11.20 min Scan# 1618  
 Delta R.T. -0.00 min  
 Lab File: BF097596.D  
 Acq: 11 Aug 2017 15:10

Tgt Ion:196 Resp: 235722  
 Ion Ratio Lower Upper  
 196 100  
 198 93.6 74.2 111.4  
 200 29.8 24.0 36.0

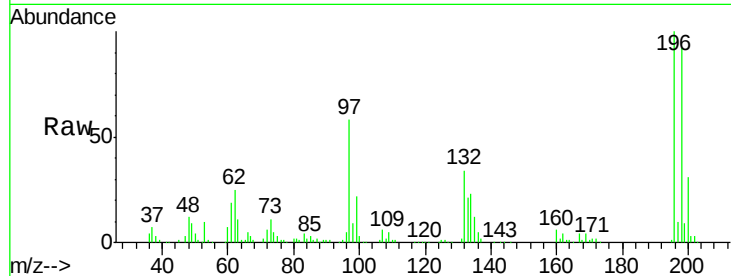




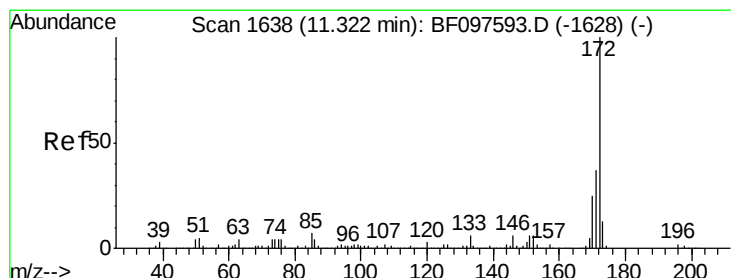
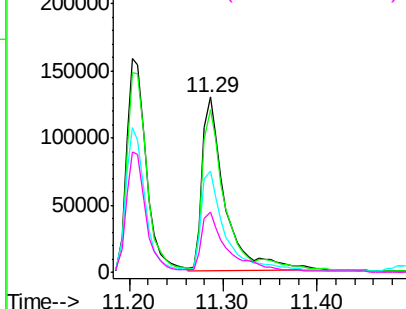
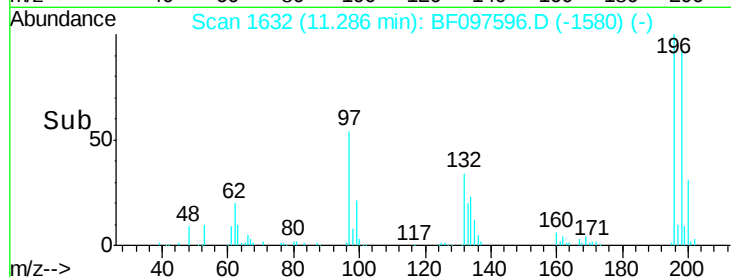
#43  
 2,4,5-Trichlorophenol  
 Concen: 63.899 ng  
 RT: 11.29 min Scan# 1632  
 Delta R.T. 0.01 min  
 Lab File: BF097596.D  
 Acq: 11 Aug 2017 15:10

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Tgt Ion:196 Resp: 223473  
 Ion Ratio Lower Upper  
 196 100  
 198 92.4 75.7 113.5  
 97 57.7 47.7 71.5  
 132 34.4 28.0 42.0

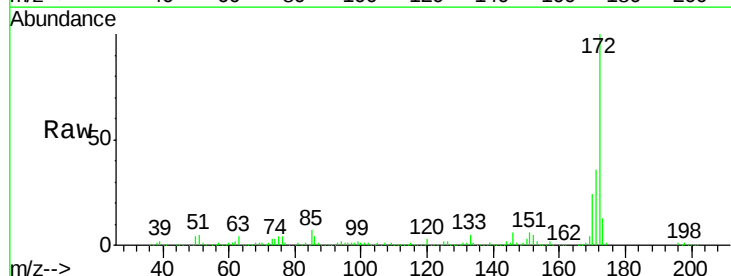


Abundance Ion 196.00 (195.70 to 196.70): E  
 250000  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

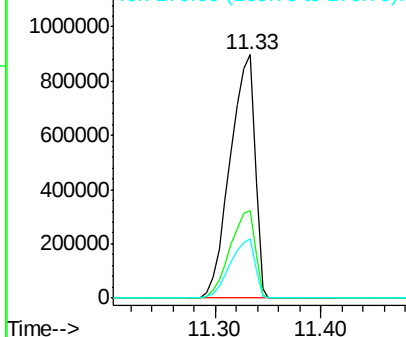
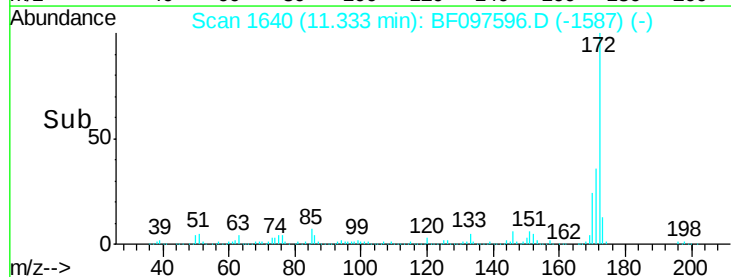


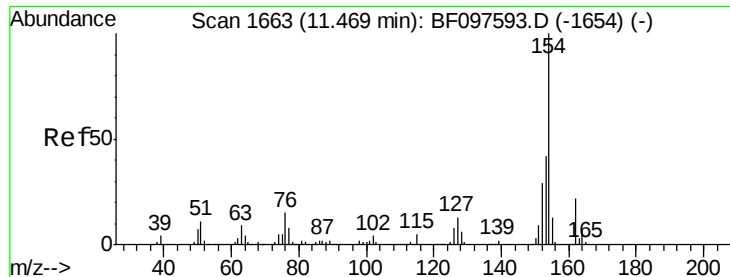
#44  
 2-Fluorobiphenyl  
 Concen: 117.640 ng  
 RT: 11.33 min Scan# 1640  
 Delta R.T. 0.01 min  
 Lab File: BF097596.D  
 Acq: 11 Aug 2017 15:10

Tgt Ion:172 Resp: 1444489  
 Ion Ratio Lower Upper  
 172 100  
 171 35.9 29.6 44.4  
 170 24.2 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E  
 1200000  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

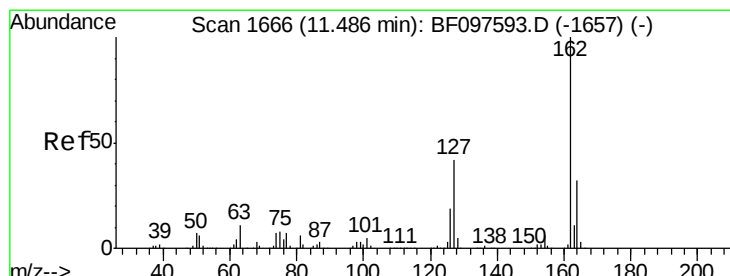
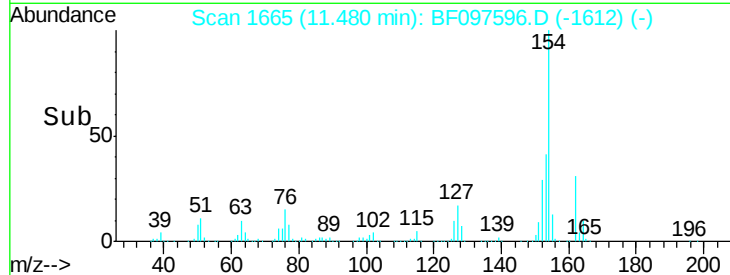
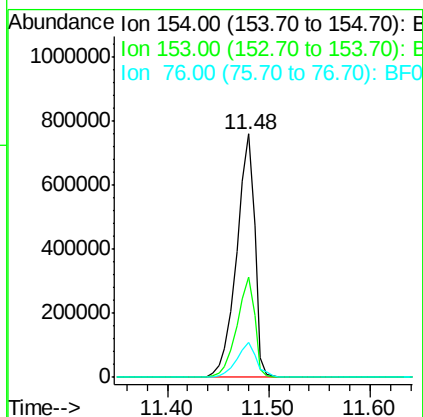
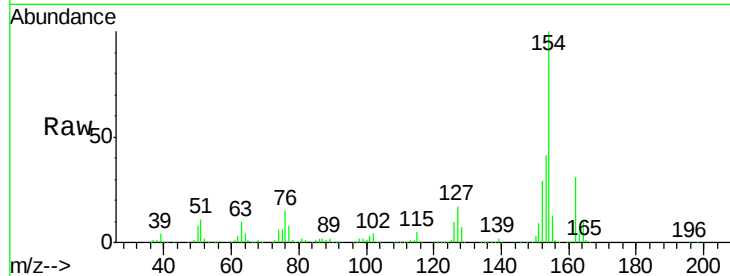




#45  
 1,1'-Biphenyl  
 Concen: 66.906 ng  
 RT: 11.48 min Scan# 1665  
 Delta R.T. 0.01 min  
 Lab File: BF097596.D  
 Acq: 11 Aug 2017 15:10

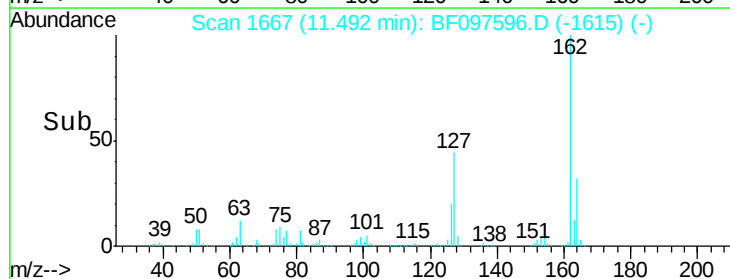
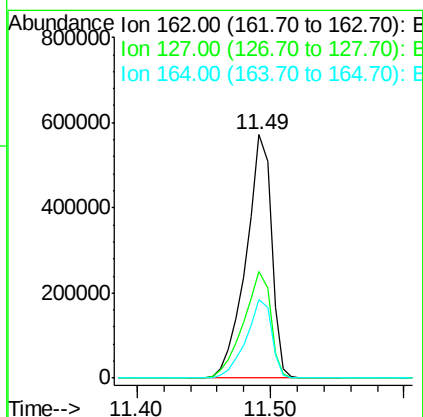
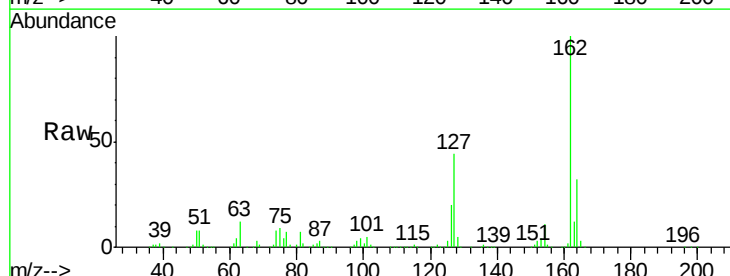
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

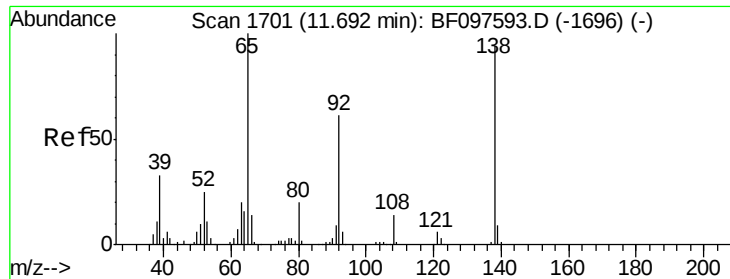
Tgt Ion:154 Resp: 942236  
 Ion Ratio Lower Upper  
 154 100  
 153 41.2 21.2 61.2  
 76 14.6 0.0 29.9



#46  
 2-Chloronaphthalene  
 Concen: 68.377 ng  
 RT: 11.49 min Scan# 1667  
 Delta R.T. 0.01 min  
 Lab File: BF097596.D  
 Acq: 11 Aug 2017 15:10

Tgt Ion:162 Resp: 752391  
 Ion Ratio Lower Upper  
 162 100  
 127 43.6 28.3 42.5#  
 164 32.1 27.0 40.4

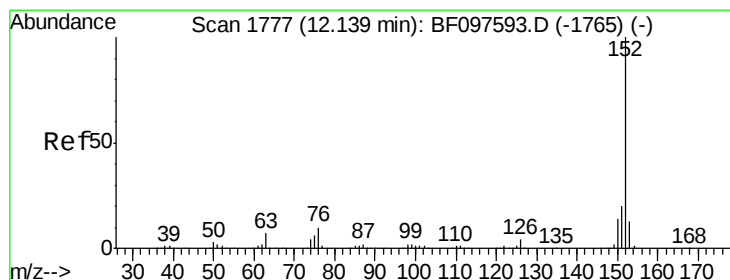
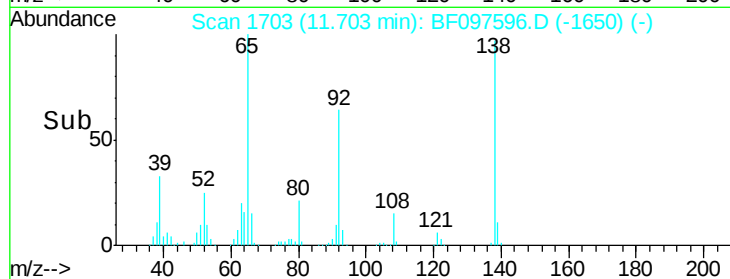
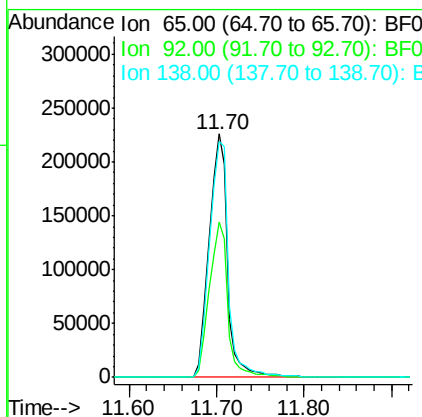
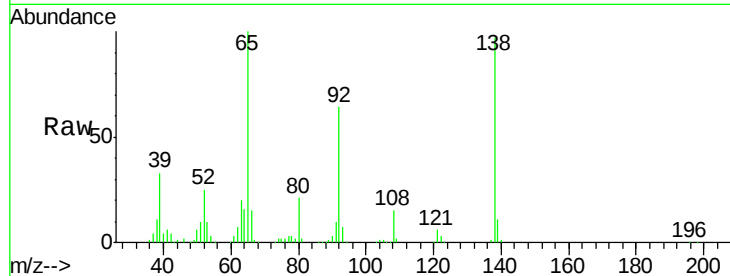




#47  
2-Nitroaniline  
Concen: 103.668 ng  
RT: 11.70 min Scan# 1703  
Delta R.T. 0.01 min  
Lab File: BF097596.D  
Acq: 11 Aug 2017 15:10

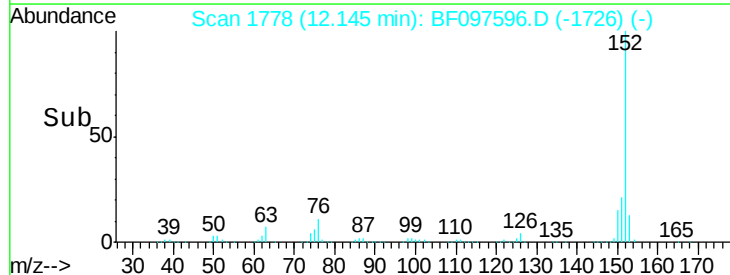
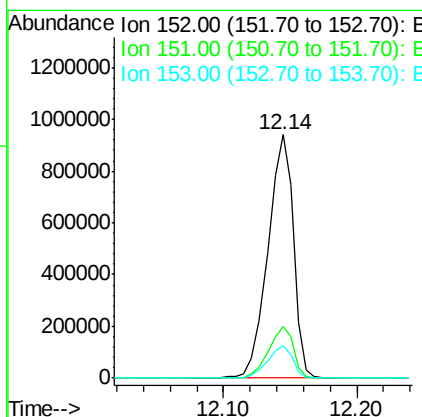
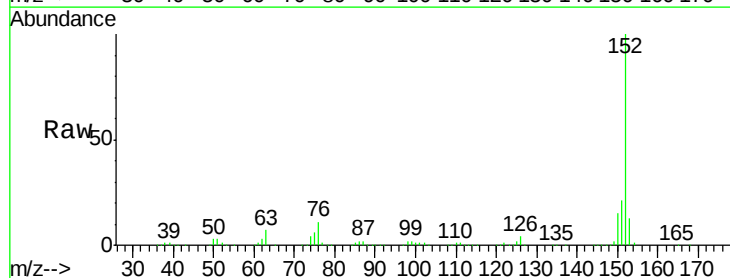
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

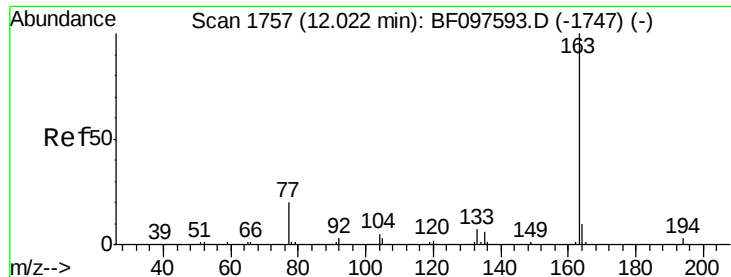
Tgt Ion: 65 Resp: 333810  
Ion Ratio Lower Upper  
65 100  
92 63.5 53.9 80.9  
138 96.7 78.8 118.2



#48  
Acenaphthylene  
Concen: 66.463 ng  
RT: 12.14 min Scan# 1778  
Delta R.T. 0.01 min  
Lab File: BF097596.D  
Acq: 11 Aug 2017 15:10

Tgt Ion: 152 Resp: 1250542  
Ion Ratio Lower Upper  
152 100  
151 21.0 16.8 25.2  
153 13.3 10.8 16.2





#49

Dimethylphthalate

Concen: 74.702 ng

RT: 12.03 min Scan# 1759

Delta R.T. 0.01 min

Lab File: BF097596.D

Acq: 11 Aug 2017 15:10

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

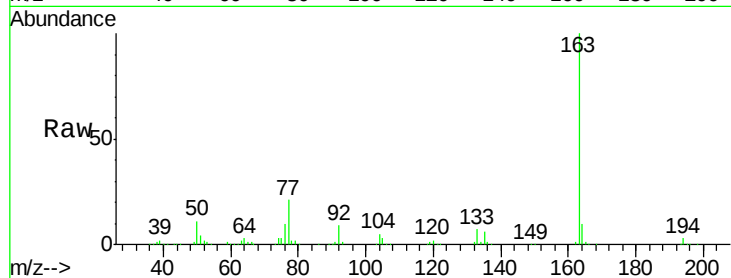
Tgt Ion:163 Resp: 969157

Ion Ratio Lower Upper

163 100

194 2.8 2.6 4.0

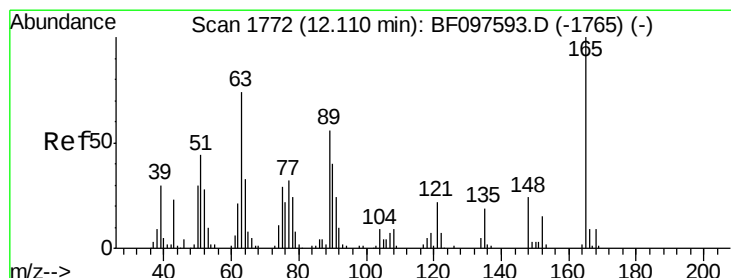
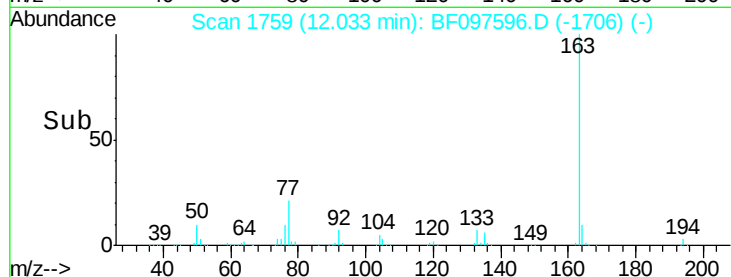
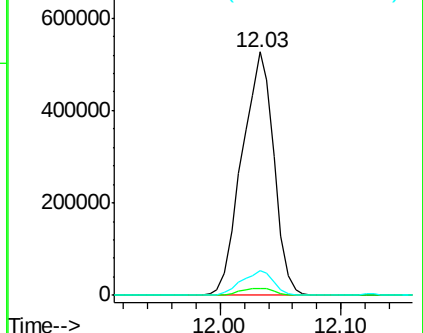
164 9.9 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 71.329 ng

RT: 12.13 min Scan# 1775

Delta R.T. 0.02 min

Lab File: BF097596.D

Acq: 11 Aug 2017 15:10

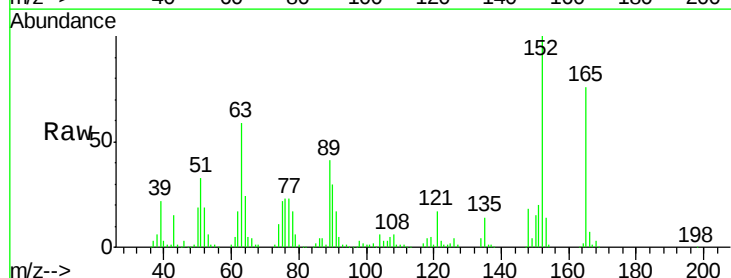
Tgt Ion:165 Resp: 201848

Ion Ratio Lower Upper

165 100

63 77.6 34.3 51.5#

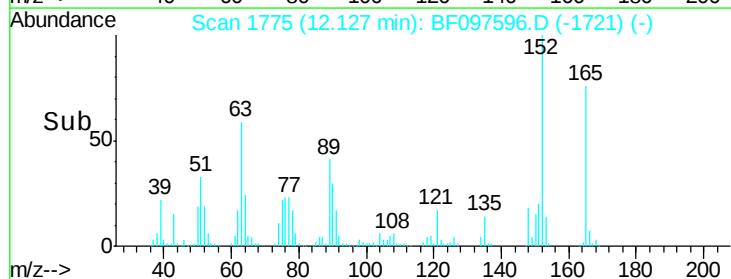
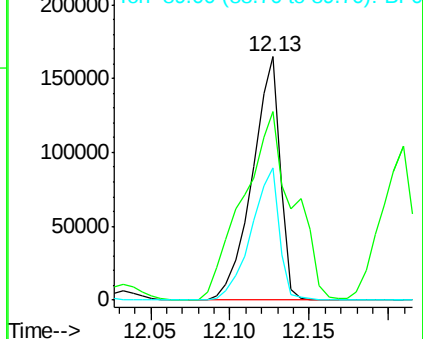
89 54.3 37.1 55.7

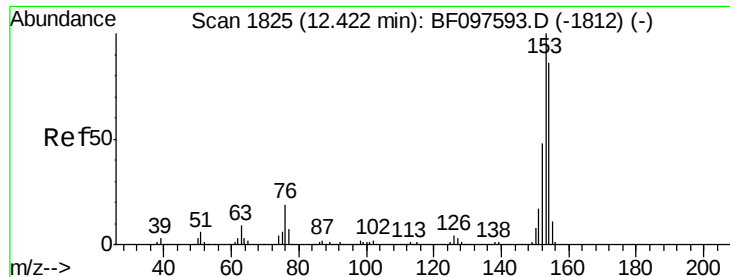


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 69.300 ng

RT: 12.43 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF097596.D

Acq: 11 Aug 2017 15:10

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

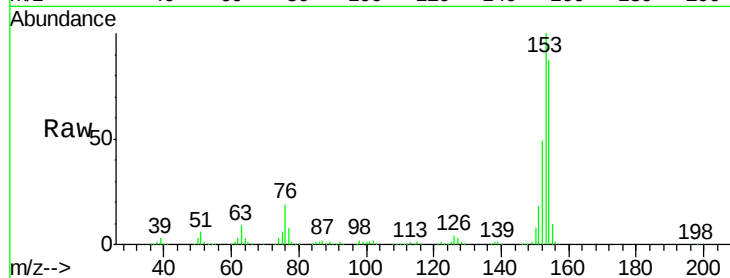
Tgt Ion:154 Resp: 753079

Ion Ratio Lower Upper

154 100

153 115.3 90.5 135.7

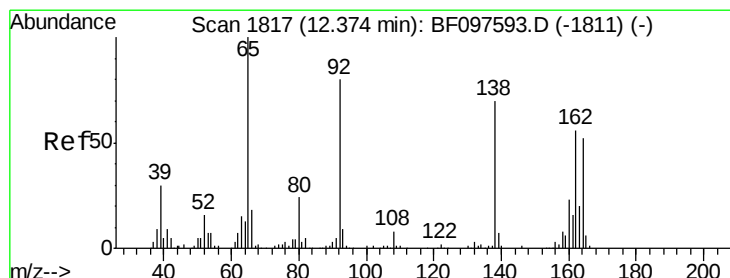
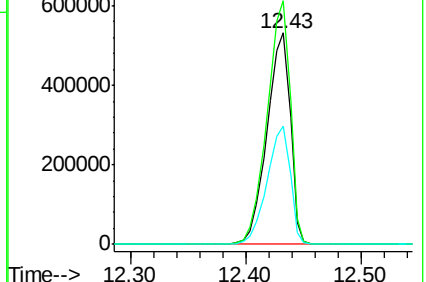
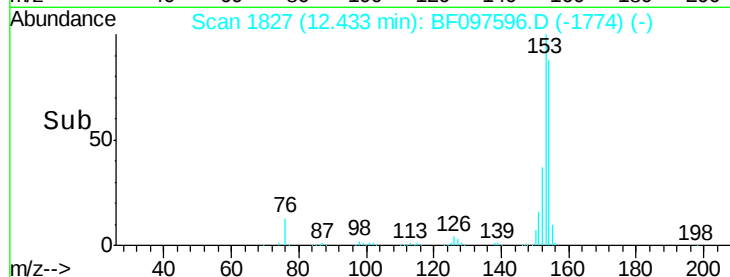
152 56.0 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 83.607 ng

RT: 12.39 min Scan# 1820

Delta R.T. 0.02 min

Lab File: BF097596.D

Acq: 11 Aug 2017 15:10

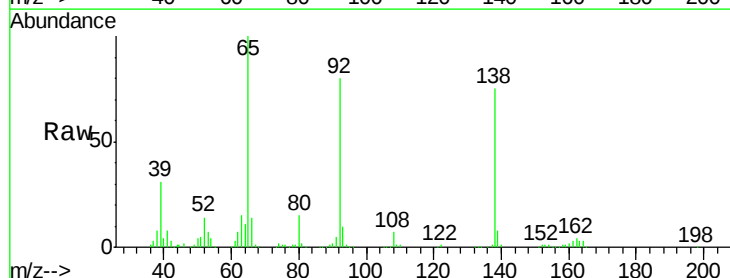
Tgt Ion:138 Resp: 275649

Ion Ratio Lower Upper

138 100

108 9.6 9.1 13.7

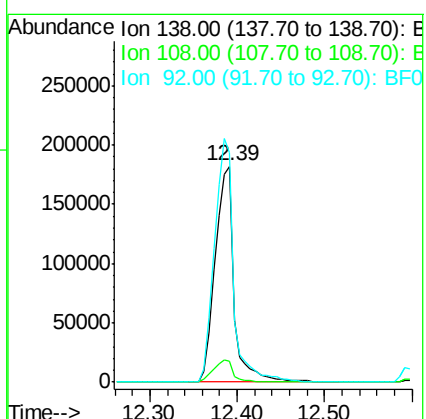
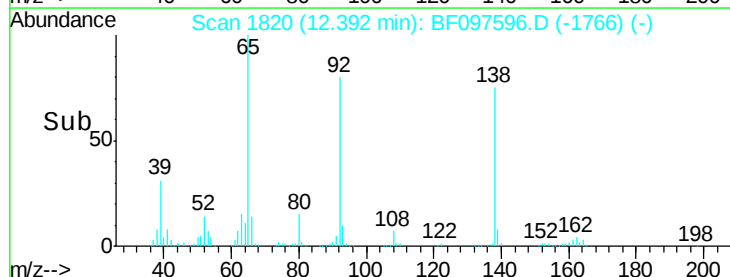
92 106.7 93.8 140.6

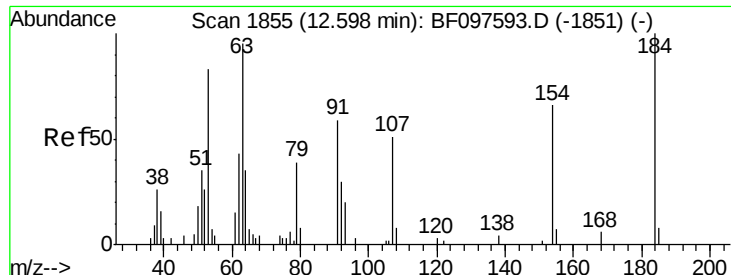


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

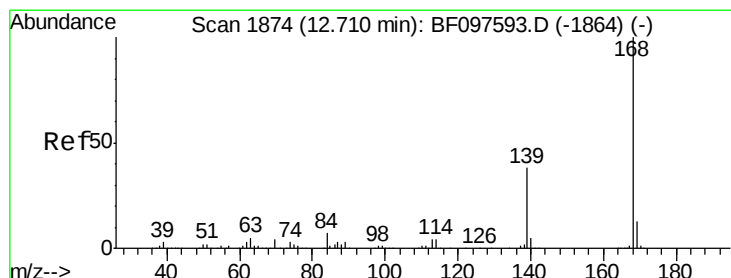
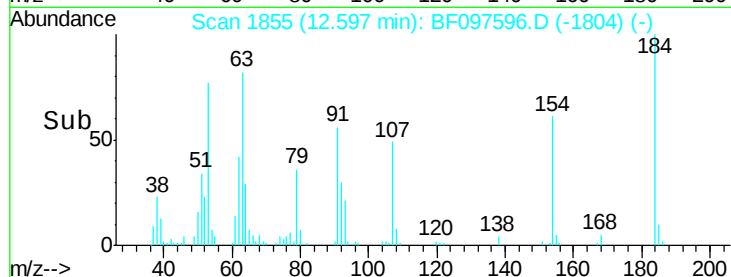
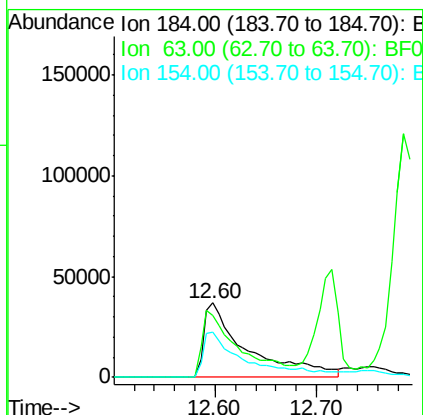
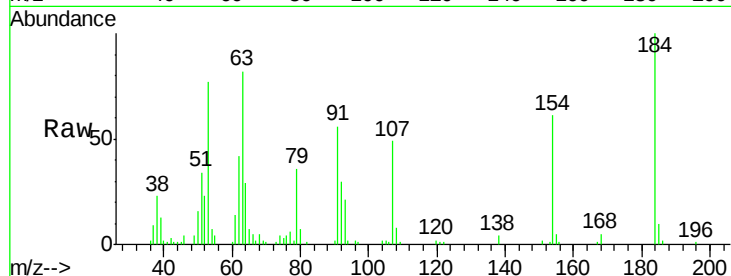




#53  
2,4-Dinitrophenol  
Concen: 79.310 ng  
RT: 12.60 min Scan# 1855  
Delta R.T. -0.00 min  
Lab File: BF097596.D  
Acq: 11 Aug 2017 15:10

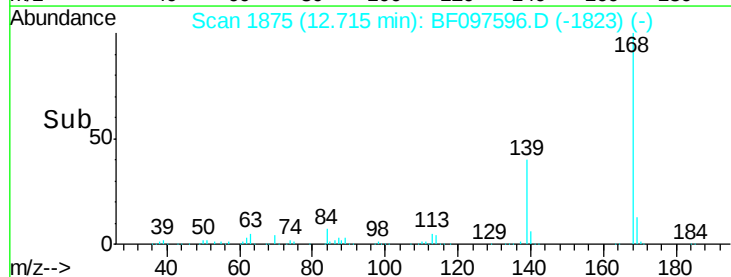
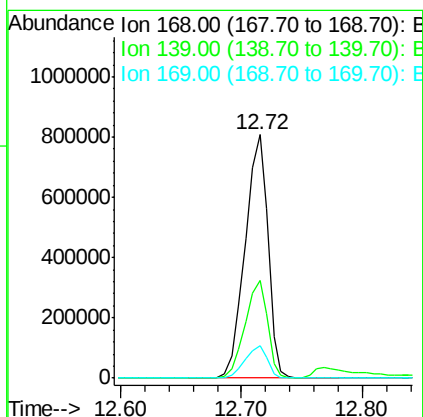
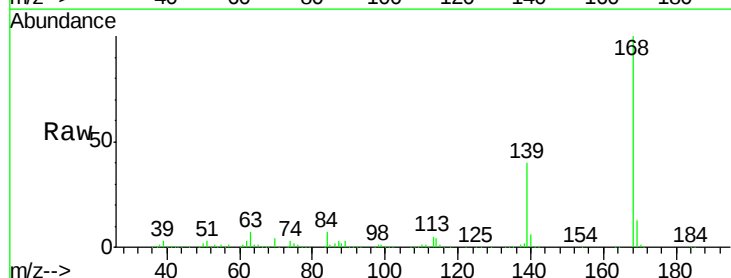
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

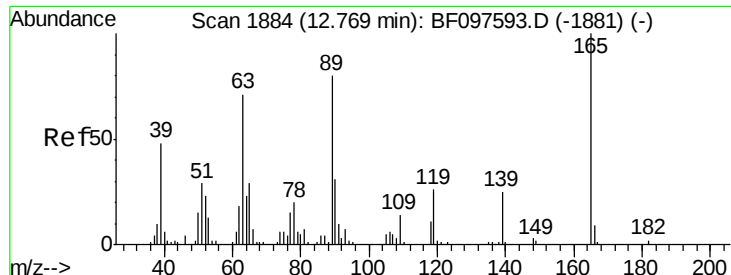
Tgt Ion:184 Resp: 108400  
Ion Ratio Lower Upper  
184 100  
63 82.4 62.7 94.1  
154 60.9 81.1 121.7#



#54  
Dibenzofuran  
Concen: 69.835 ng  
RT: 12.72 min Scan# 1875  
Delta R.T. 0.01 min  
Lab File: BF097596.D  
Acq: 11 Aug 2017 15:10

Tgt Ion:168 Resp: 1068083  
Ion Ratio Lower Upper  
168 100  
139 40.4 30.6 45.8  
169 13.3 10.8 16.2

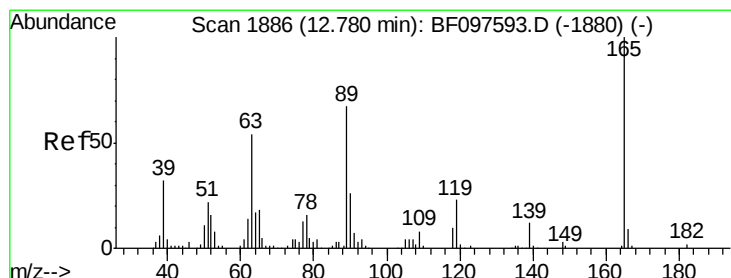
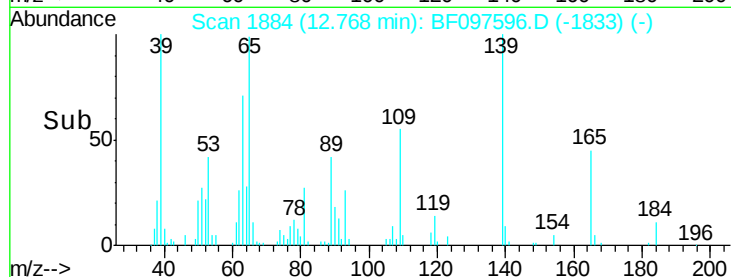
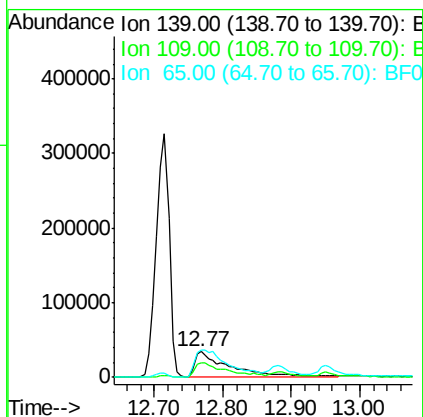
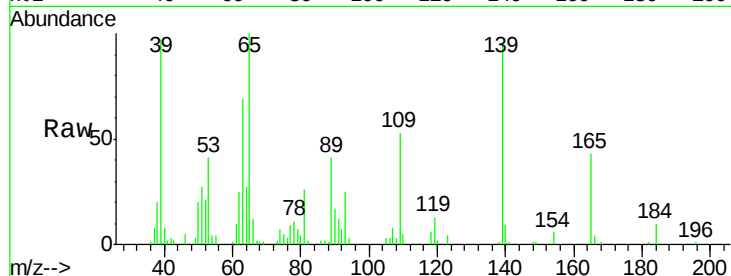




#55  
4-Nitrophenol  
Concen: 69.705 ng  
RT: 12.77 min Scan# 1884  
Delta R.T. -0.00 min  
Lab File: BF097596.D  
Acq: 11 Aug 2017 15:10

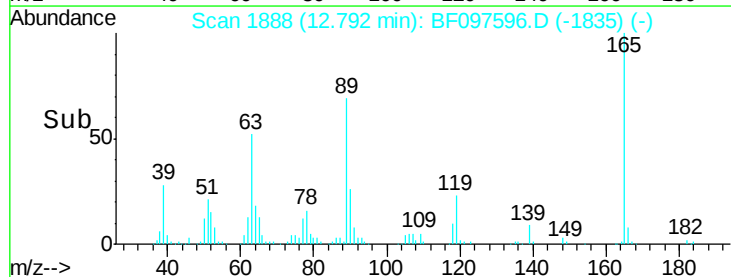
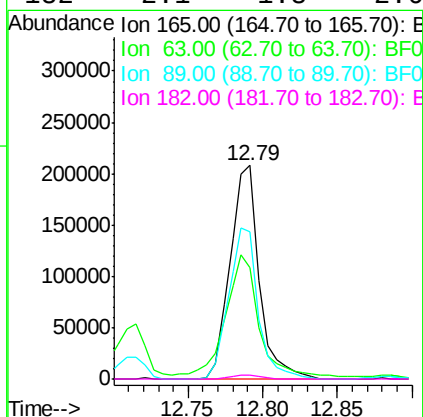
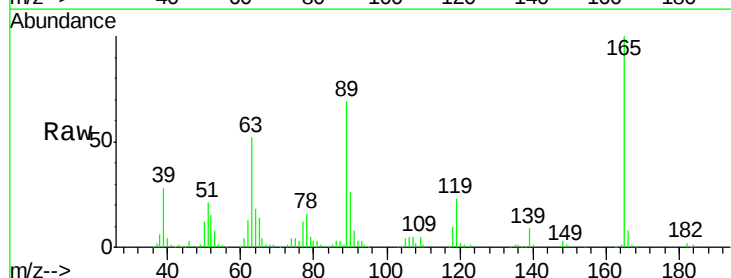
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

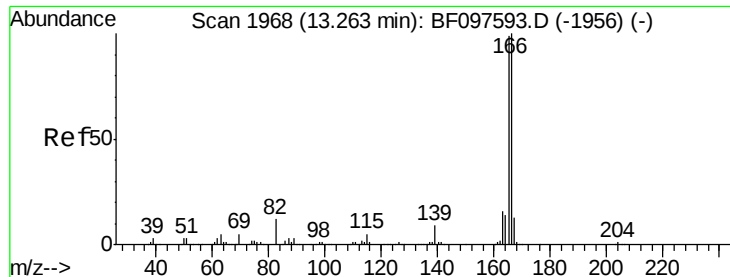
Tgt Ion:139 Resp: 119563  
Ion Ratio Lower Upper  
139 100  
109 55.4 34.1 74.1  
65 104.0 31.4 71.4#



#56  
2,4-Dinitrotoluene  
Concen: 74.316 ng  
RT: 12.79 min Scan# 1888  
Delta R.T. 0.01 min  
Lab File: BF097596.D  
Acq: 11 Aug 2017 15:10

Tgt Ion:165 Resp: 284050  
Ion Ratio Lower Upper  
165 100  
63 52.0 25.4 38.0#  
89 69.1 46.4 69.6  
182 2.1 1.8 2.6

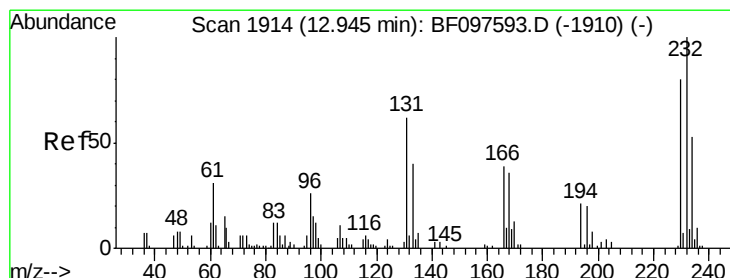
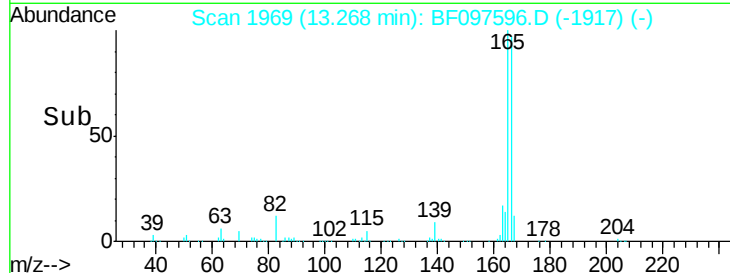
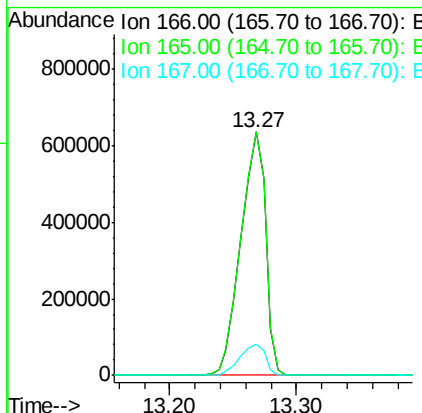
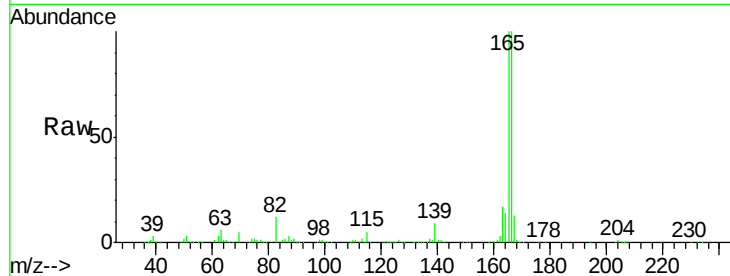




#57  
 Fluorene  
 Concen: 64.946 ng  
 RT: 13.27 min Scan# 1969  
 Delta R.T. 0.01 min  
 Lab File: BF097596.D  
 Acq: 11 Aug 2017 15:10

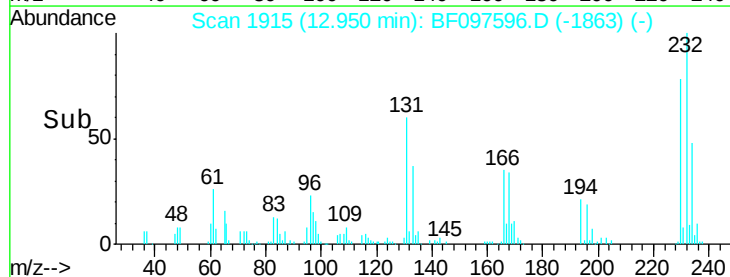
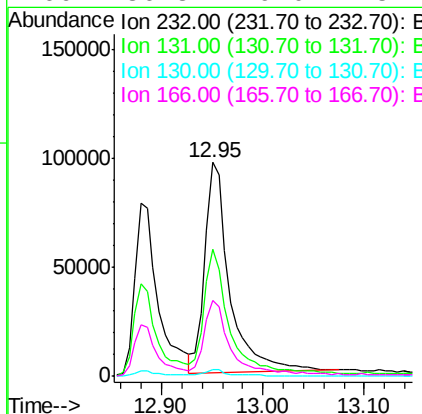
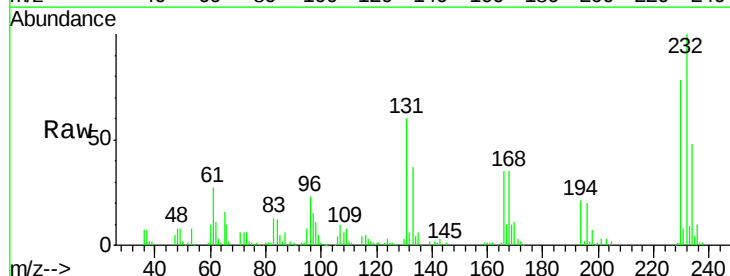
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

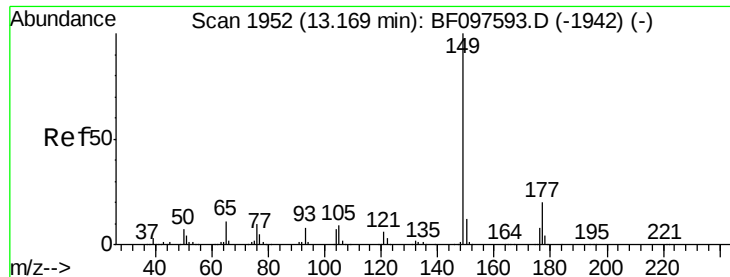
Tgt Ion:166 Resp: 864425  
 Ion Ratio Lower Upper  
 166 100  
 165 99.9 78.8 118.2  
 167 12.9 10.6 16.0



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 69.779 ng  
 RT: 12.95 min Scan# 1915  
 Delta R.T. 0.01 min  
 Lab File: BF097596.D  
 Acq: 11 Aug 2017 15:10

Tgt Ion:232 Resp: 166975  
 Ion Ratio Lower Upper  
 232 100  
 131 60.0 44.8 67.2  
 130 2.9 2.3 3.5  
 166 36.3 29.0 43.4

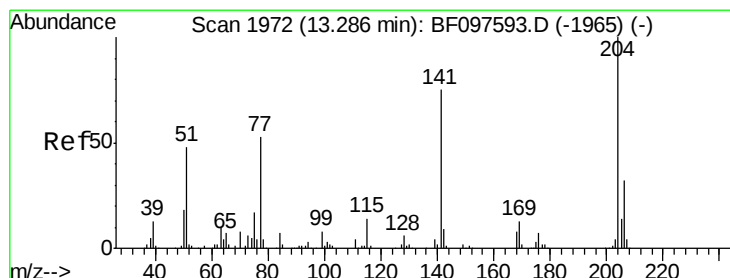
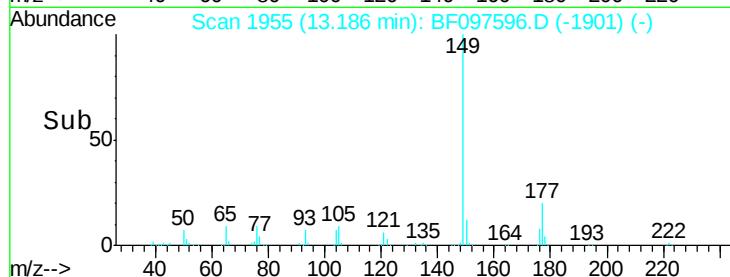
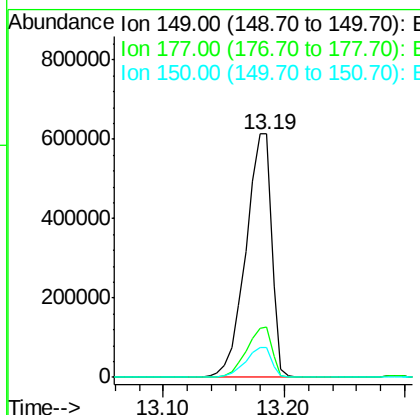
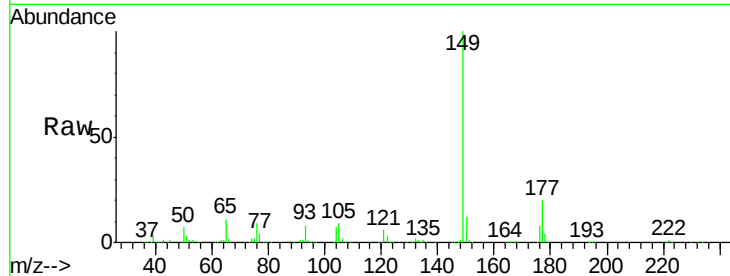




#59  
Diethylphthalate  
Concen: 73.697 ng  
RT: 13.19 min Scan# 1955  
Delta R.T. 0.02 min  
Lab File: BF097596.D  
Acq: 11 Aug 2017 15:10

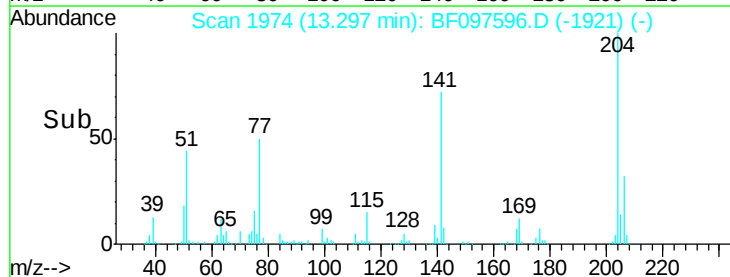
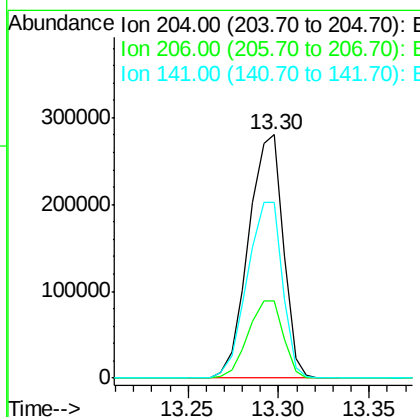
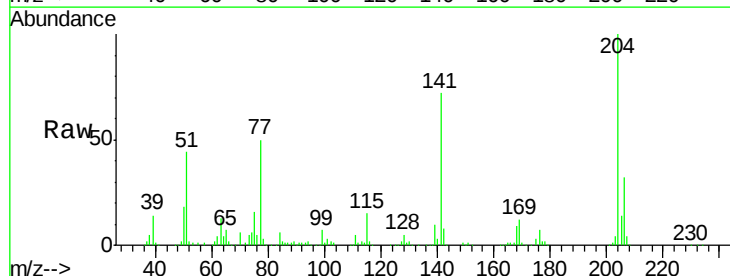
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

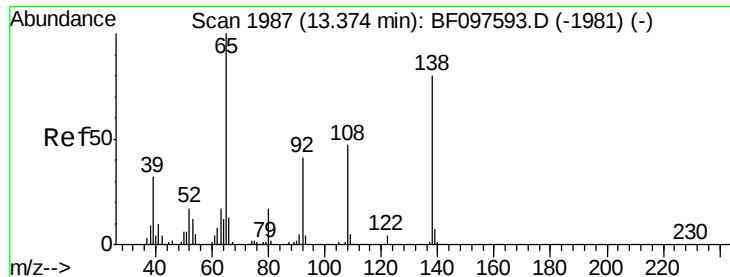
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 20.5  | 16.7  | 25.1  |
| 150     | 12.1  | 10.2  | 15.2  |



#60  
4-Chlorophenyl-phenylether  
Concen: 64.461 ng  
RT: 13.30 min Scan# 1974  
Delta R.T. 0.01 min  
Lab File: BF097596.D  
Acq: 11 Aug 2017 15:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 31.7  | 26.2  | 39.2  |
| 141     | 71.9  | 60.8  | 91.2  |

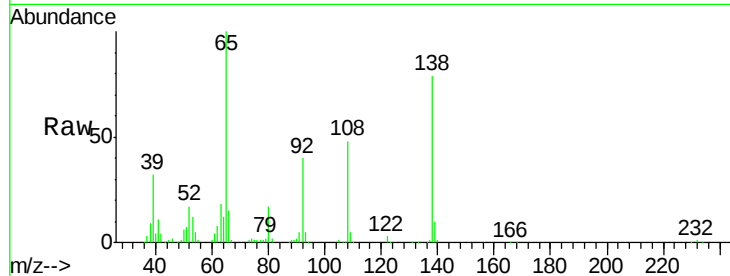




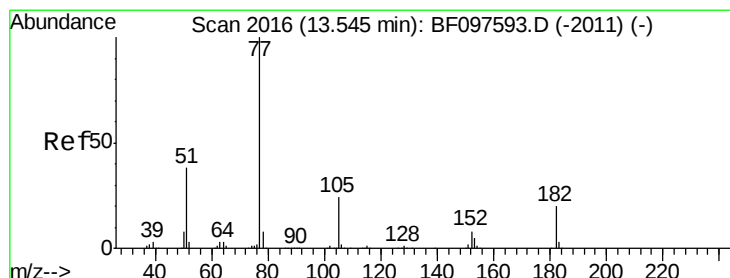
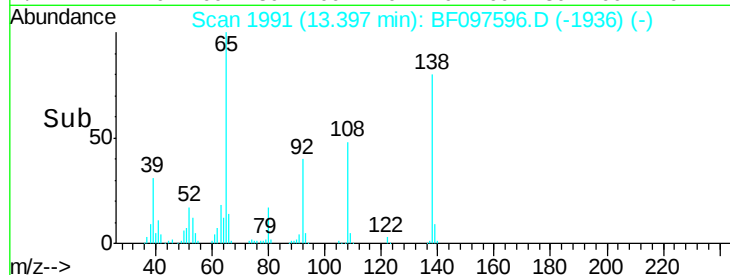
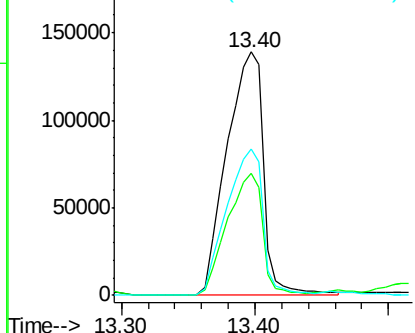
#61  
4-Nitroaniline  
Concen: 86.637 ng  
RT: 13.40 min Scan# 1991  
Delta R.T. 0.02 min  
Lab File: BF097596.D  
Acq: 11 Aug 2017 15:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

Tgt Ion: 138 Resp: 266695  
Ion Ratio Lower Upper  
138 100  
92 50.3 21.8 61.8  
108 60.4 42.3 82.3

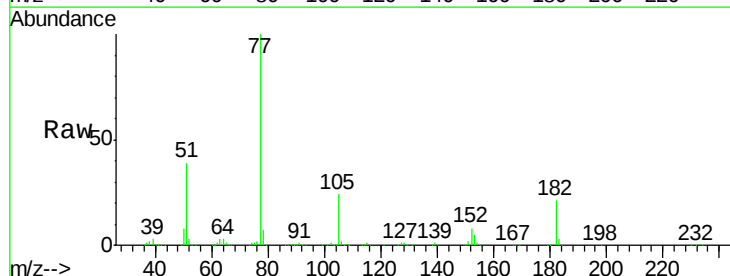


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BF0  
Ion 108.00 (107.70 to 108.70): E

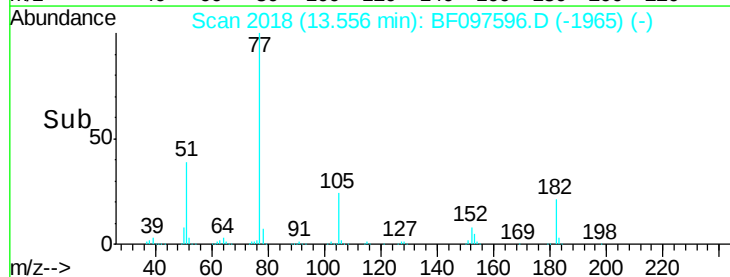
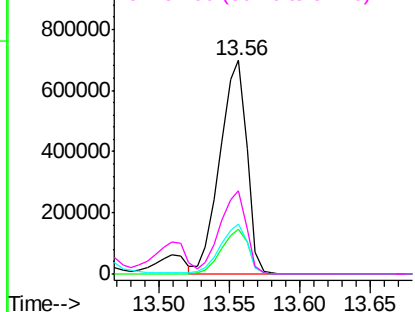


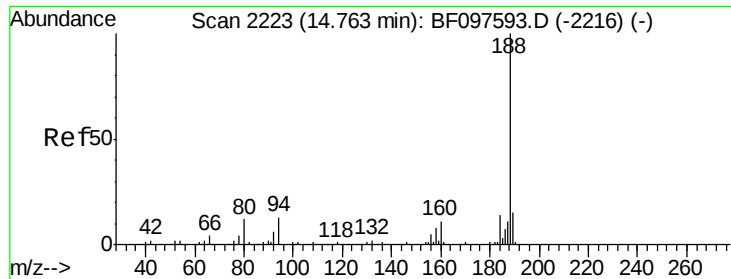
#62  
Azobenzene  
Concen: 81.601 ng  
RT: 13.56 min Scan# 2018  
Delta R.T. 0.01 min  
Lab File: BF097596.D  
Acq: 11 Aug 2017 15:10

Tgt Ion: 77 Resp: 923369  
Ion Ratio Lower Upper  
77 100  
182 21.2 0.1 40.1  
105 23.5 3.6 43.6  
51 39.0 9.4 49.4



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

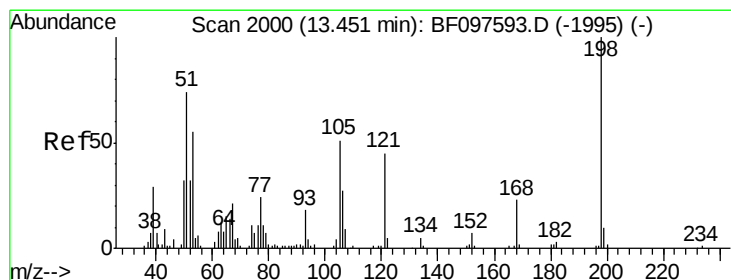
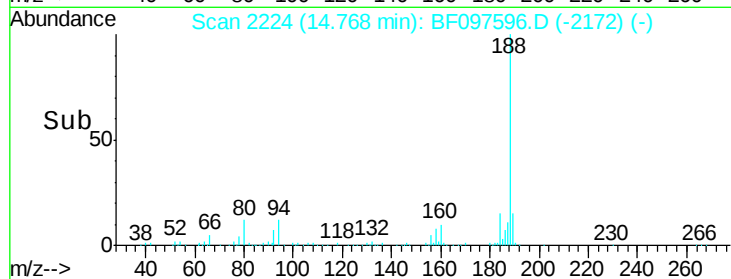
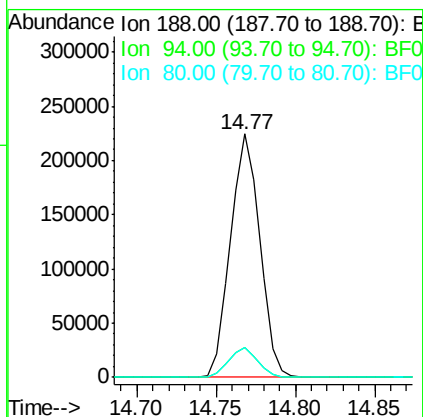
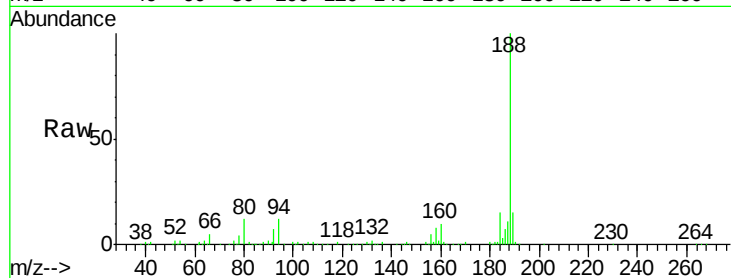




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 14.77 min Scan# 2224  
Delta R.T. 0.01 min  
Lab File: BF097596.D  
Acq: 11 Aug 2017 15:10

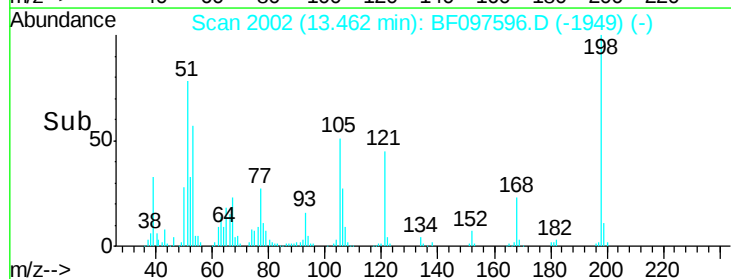
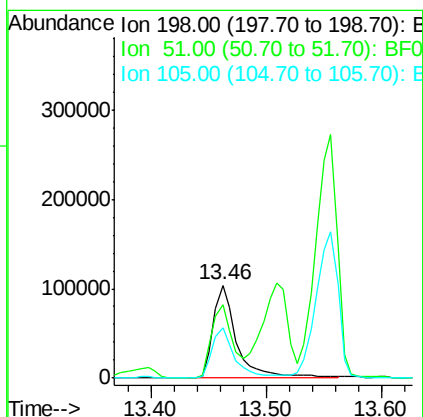
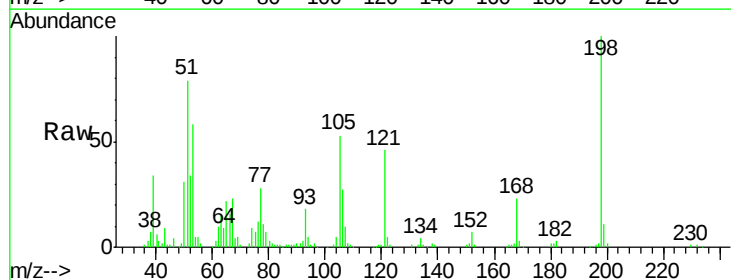
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

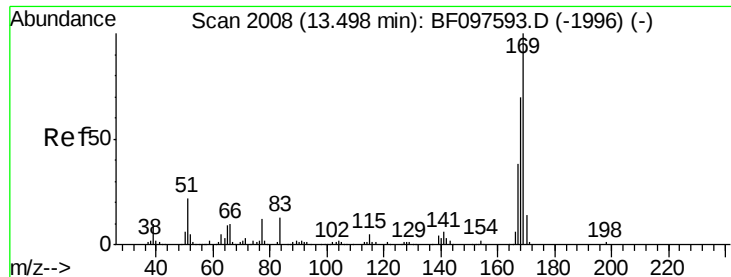
Tgt Ion:188 Resp: 287821  
Ion Ratio Lower Upper  
188 100  
94 12.0 9.4 14.2  
80 12.4 10.2 15.2



#64  
4,6-Dinitro-2-methylphenol  
Concen: 77.710 ng  
RT: 13.46 min Scan# 2002  
Delta R.T. 0.01 min  
Lab File: BF097596.D  
Acq: 11 Aug 2017 15:10

Tgt Ion:198 Resp: 147017  
Ion Ratio Lower Upper  
198 100  
51 79.1 53.2 93.2  
105 53.5 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 73.905 ng

RT: 13.52 min Scan# 2011

Delta R.T. 0.02 min

Lab File: BF097596.D

Acq: 11 Aug 2017 15:10

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

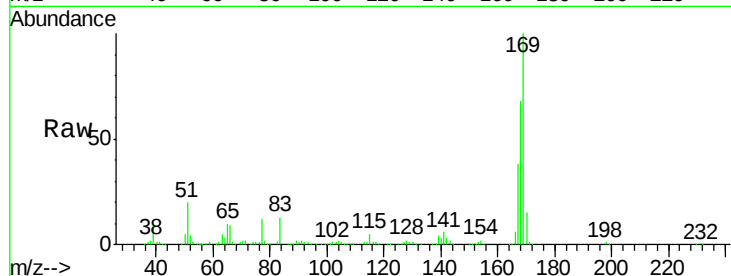
Tgt Ion:169 Resp: 764343

Ion Ratio Lower Upper

169 100

168 68.3 53.2 79.8

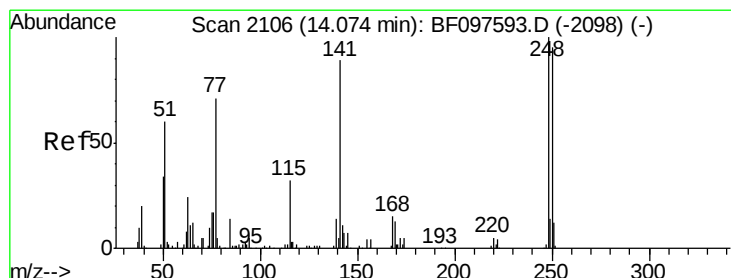
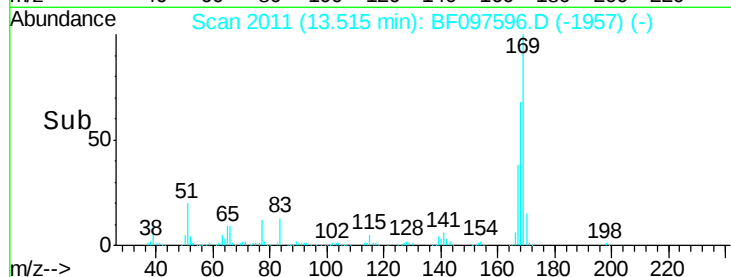
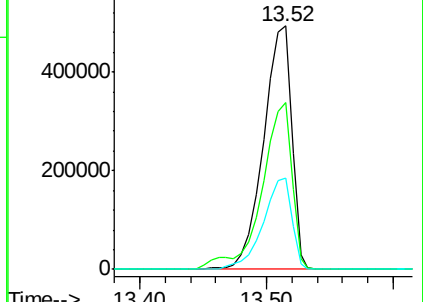
167 37.7 29.5 44.3



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: 71.472 ng

RT: 14.08 min Scan# 2107

Delta R.T. 0.01 min

Lab File: BF097596.D

Acq: 11 Aug 2017 15:10

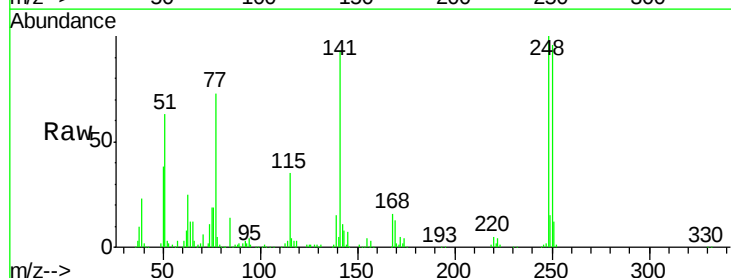
Tgt Ion:248 Resp: 213794

Ion Ratio Lower Upper

248 100

250 96.1 76.8 115.2

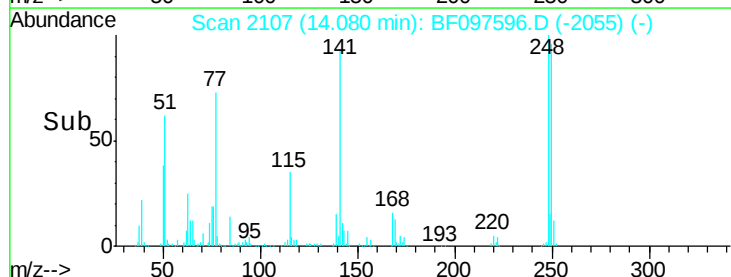
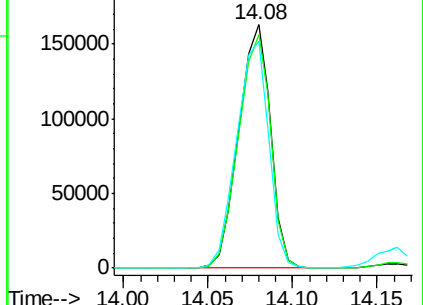
141 93.2 68.6 103.0

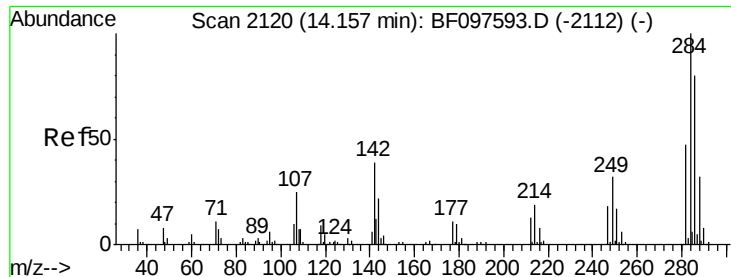


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 79.586 ng

RT: 14.16 min Scan# 2121

Delta R.T. 0.01 min

Lab File: BF097596.D

Acq: 11 Aug 2017 15:10

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

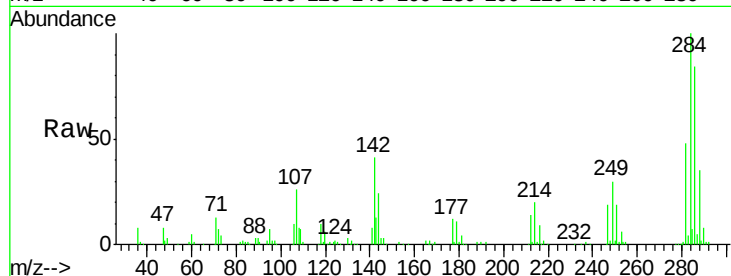
Tgt Ion:284 Resp: 234585

Ion Ratio Lower Upper

284 100

142 40.9 22.8 34.2#

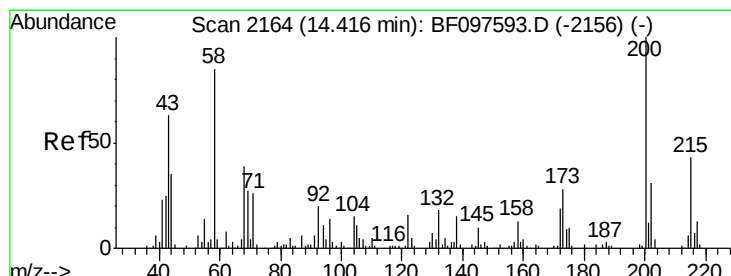
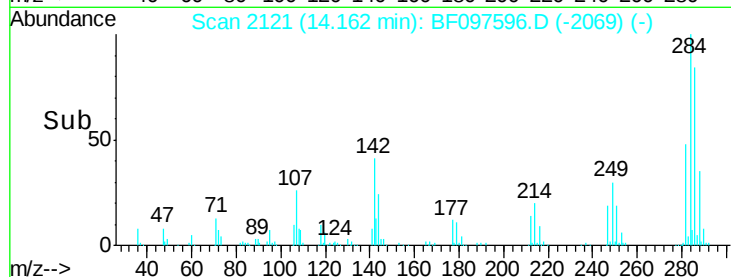
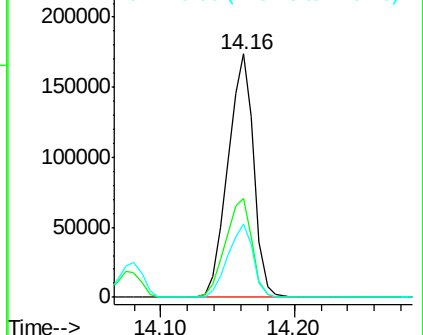
249 29.9 24.0 36.0



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: 68.814 ng

RT: 14.43 min Scan# 2167

Delta R.T. 0.02 min

Lab File: BF097596.D

Acq: 11 Aug 2017 15:10

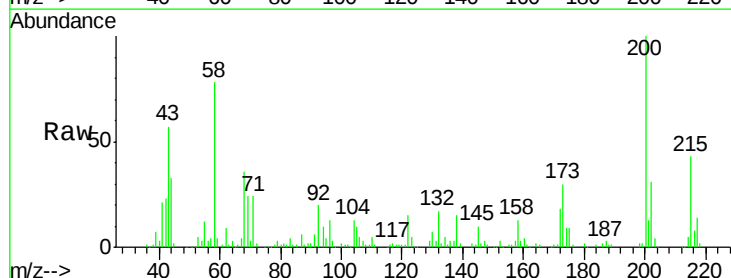
Tgt Ion:200 Resp: 198068

Ion Ratio Lower Upper

200 100

173 29.6 6.3 46.3

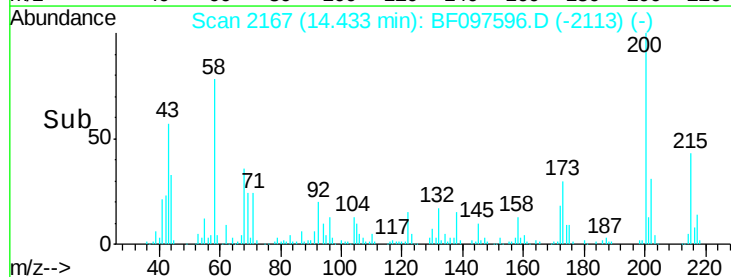
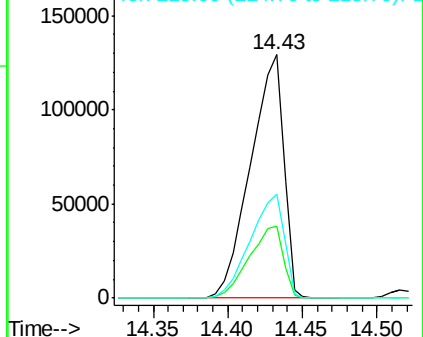
215 42.7 27.2 67.2

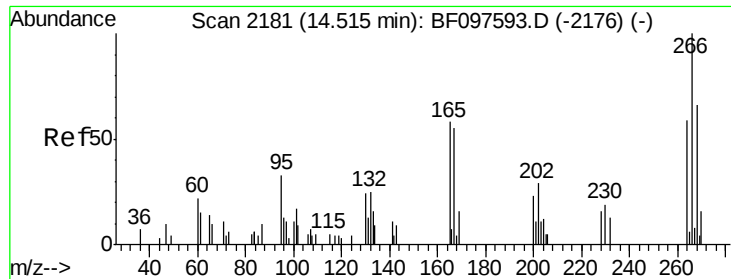


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

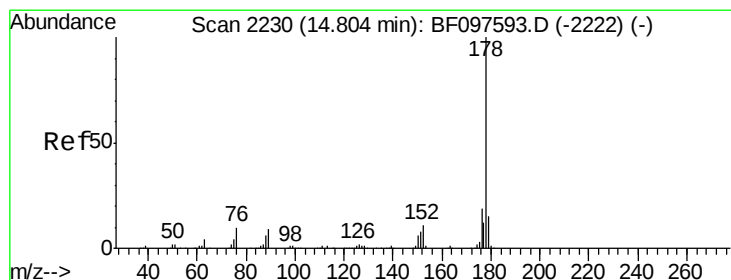
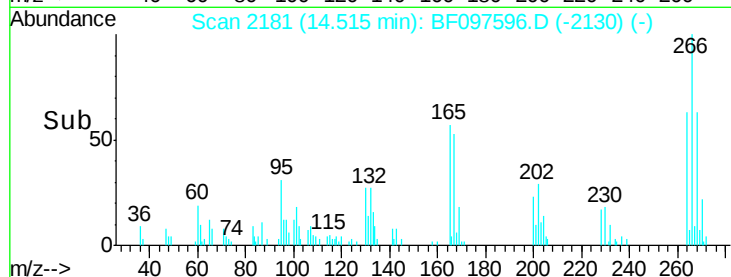
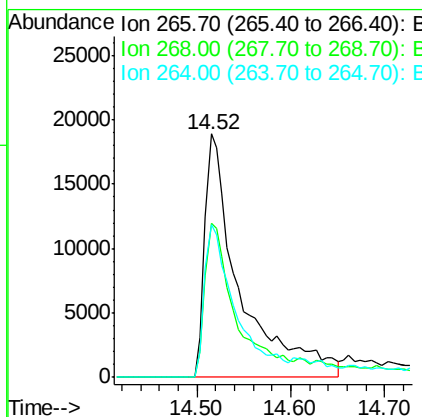
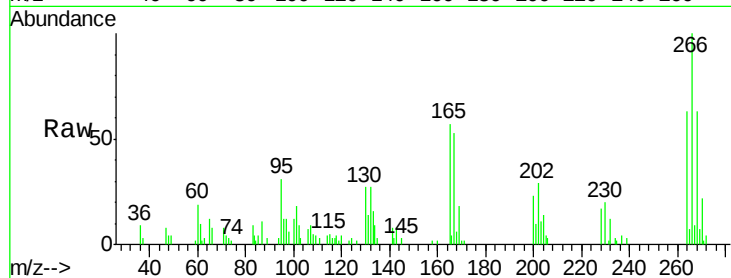




#69  
 Pentachlorophenol  
 Concen: 51.259 ng  
 RT: 14.52 min Scan# 2181  
 Delta R.T. -0.00 min  
 Lab File: BF097596.D  
 Acq: 11 Aug 2017 15:10

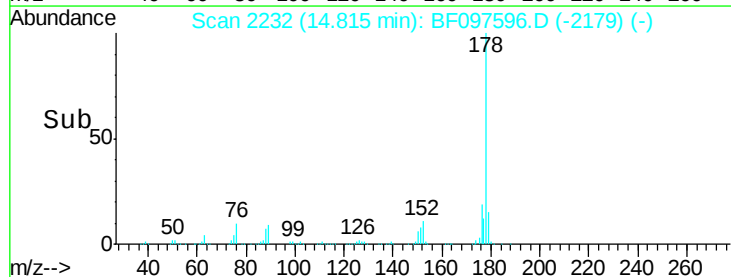
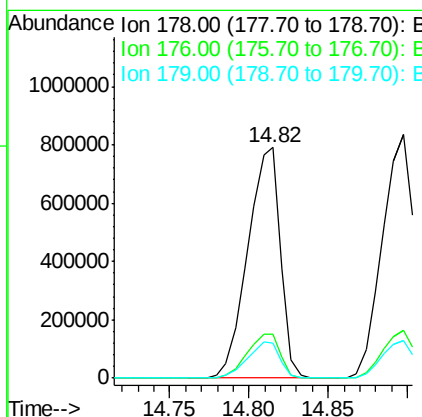
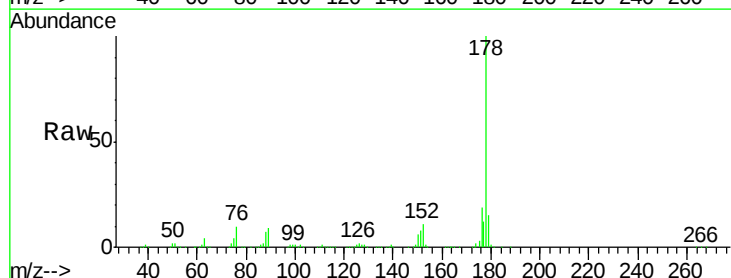
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

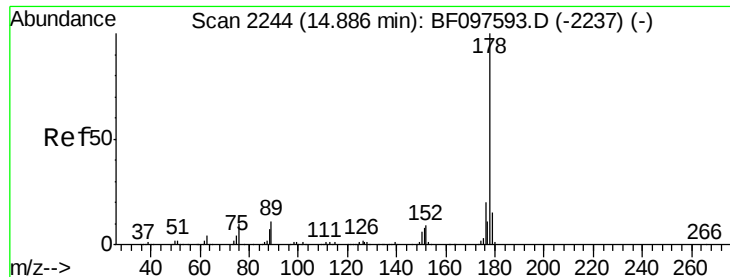
Tgt Ion:266 Resp: 49495  
 Ion Ratio Lower Upper  
 266 100  
 268 63.5 51.1 76.7  
 264 62.7 51.7 77.5



#70  
 Phenanthrene  
 Concen: 68.026 ng  
 RT: 14.82 min Scan# 2232  
 Delta R.T. 0.01 min  
 Lab File: BF097596.D  
 Acq: 11 Aug 2017 15:10

Tgt Ion:178 Resp: 1129713  
 Ion Ratio Lower Upper  
 178 100  
 176 19.3 16.2 24.4  
 179 15.2 12.6 19.0

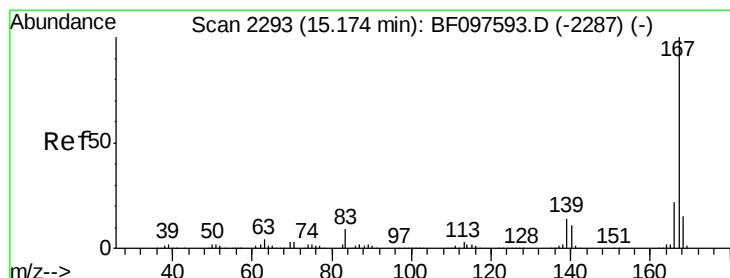
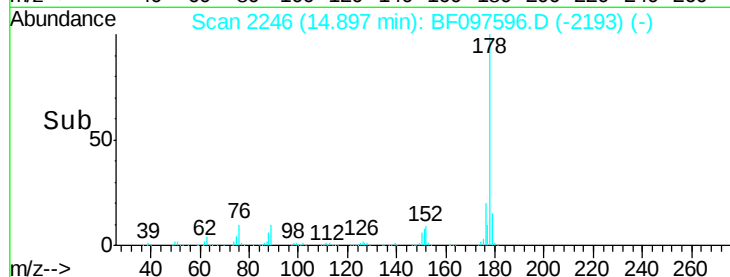
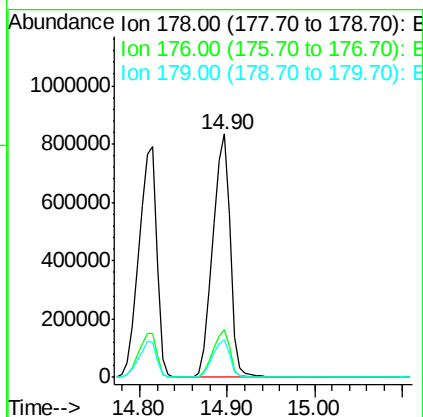
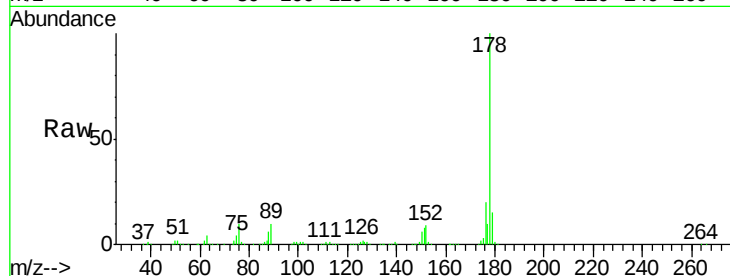




#71  
 Anthracene  
 Concen: 67.041 ng  
 RT: 14.90 min Scan# 2246  
 Delta R.T. 0.01 min  
 Lab File: BF097596.D  
 Acq: 11 Aug 2017 15:10

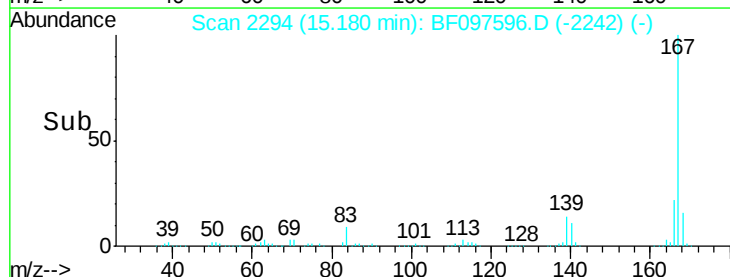
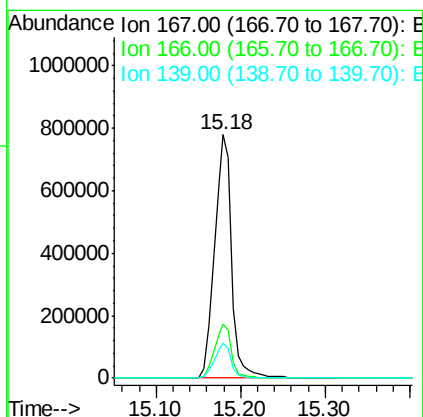
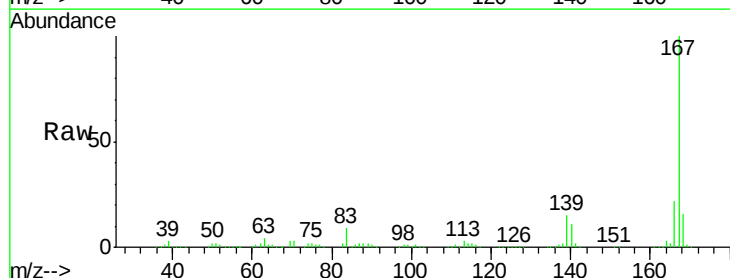
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

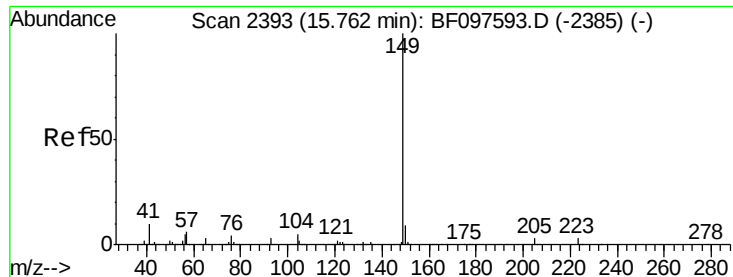
Tgt Ion:178 Resp: 1162326  
 Ion Ratio Lower Upper  
 178 100  
 176 19.8 15.8 23.8  
 179 15.5 12.7 19.1



#72  
 Carbazole  
 Concen: 65.703 ng  
 RT: 15.18 min Scan# 2294  
 Delta R.T. 0.01 min  
 Lab File: BF097596.D  
 Acq: 11 Aug 2017 15:10

Tgt Ion:167 Resp: 1110106  
 Ion Ratio Lower Upper  
 167 100  
 166 22.5 18.1 27.1  
 139 14.6 11.7 17.5

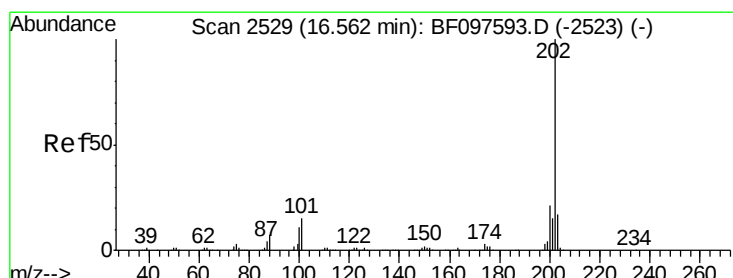
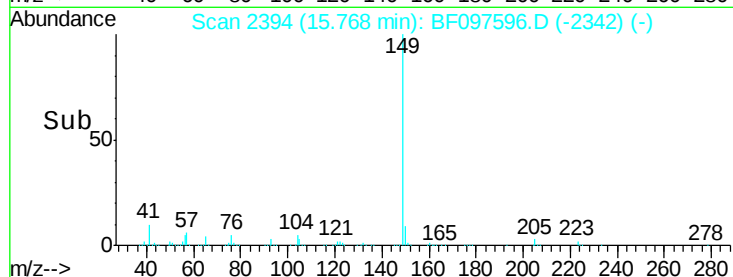
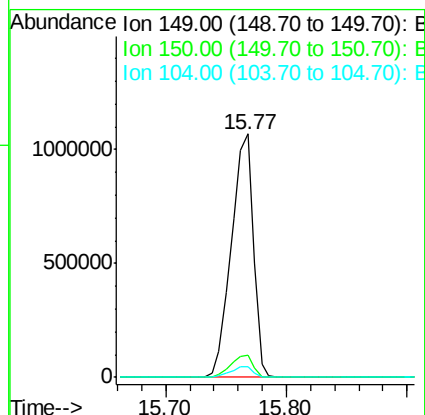
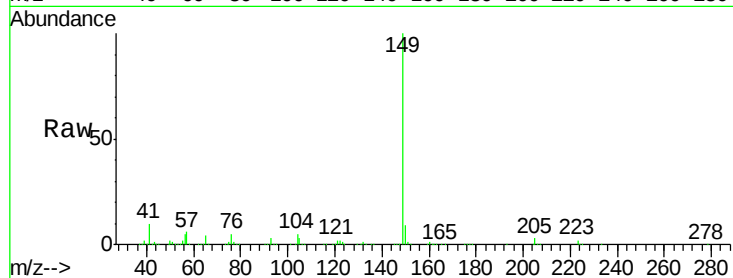




#73  
Di-n-butylphthalate  
Concen: 75.548 ng  
RT: 15.77 min Scan# 2394  
Delta R.T. 0.01 min  
Lab File: BF097596.D  
Acq: 11 Aug 2017 15:10

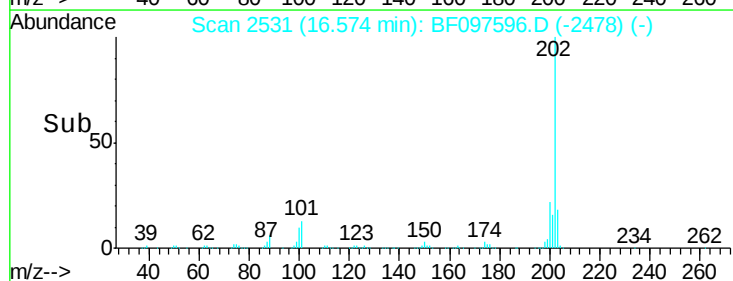
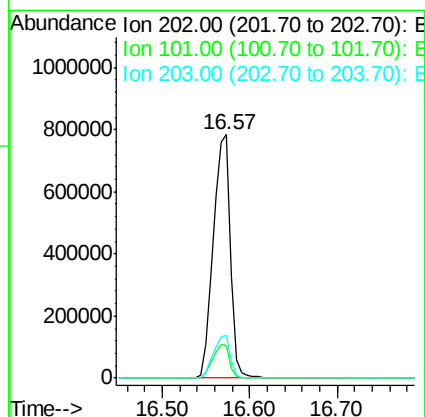
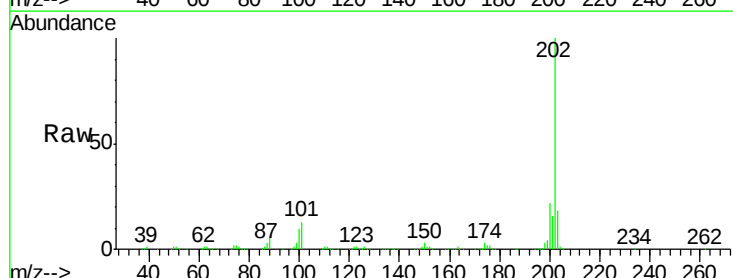
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

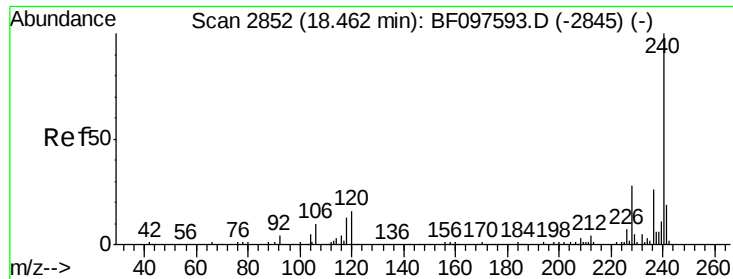
Tgt Ion:149 Resp: 1357998  
Ion Ratio Lower Upper  
149 100  
150 9.3 7.7 11.5  
104 4.5 4.0 6.0



#74  
Fluoranthene  
Concen: 64.832 ng  
RT: 16.57 min Scan# 2531  
Delta R.T. 0.01 min  
Lab File: BF097596.D  
Acq: 11 Aug 2017 15:10

Tgt Ion:202 Resp: 1065641  
Ion Ratio Lower Upper  
202 100  
101 13.5 0.0 33.2  
203 17.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 18.46 min Scan# 2852

Delta R.T. -0.00 min

Lab File: BF097596.D

Acq: 11 Aug 2017 15:10

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

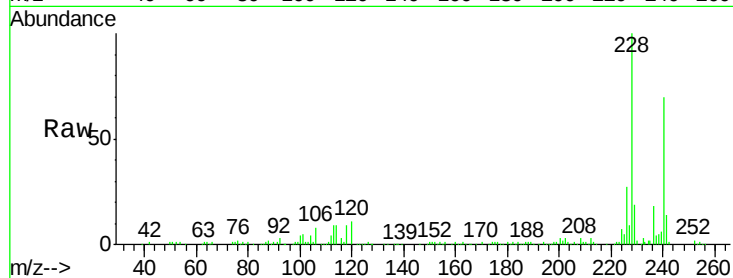
Tgt Ion:240 Resp: 138694

Ion Ratio Lower Upper

240 100

120 15.6 5.8 8.8#

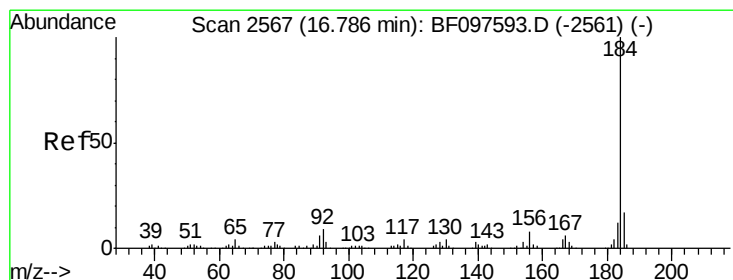
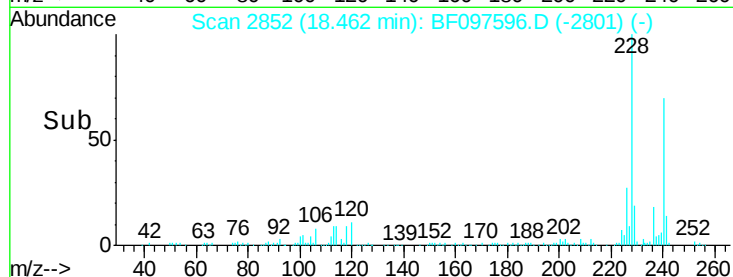
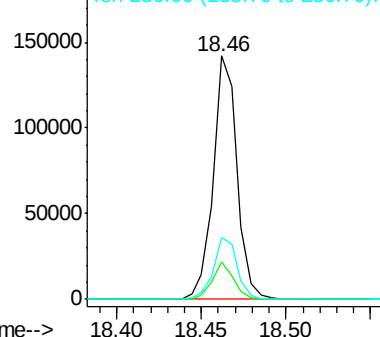
236 25.4 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 63.194 ng

RT: 16.79 min Scan# 2567

Delta R.T. -0.00 min

Lab File: BF097596.D

Acq: 11 Aug 2017 15:10

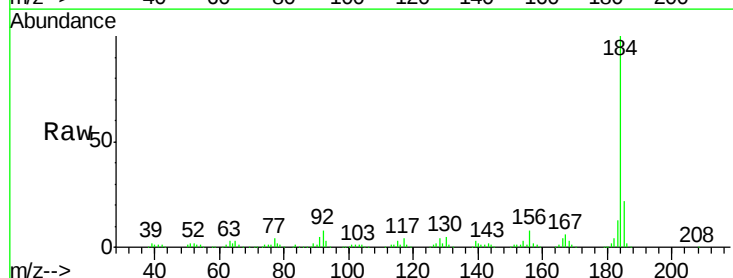
Tgt Ion:184 Resp: 336614

Ion Ratio Lower Upper

184 100

185 21.9 15.5 23.3

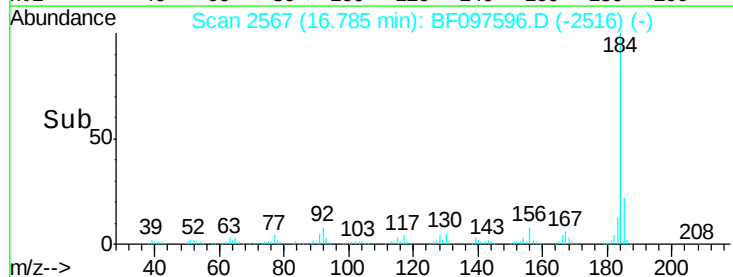
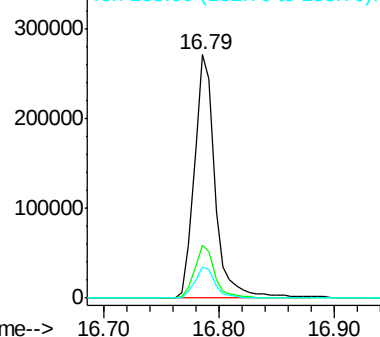
183 12.8 9.8 14.6

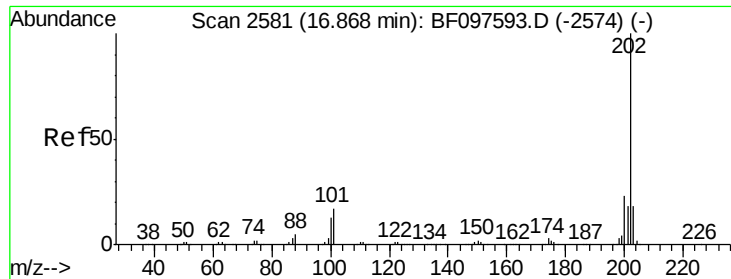


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

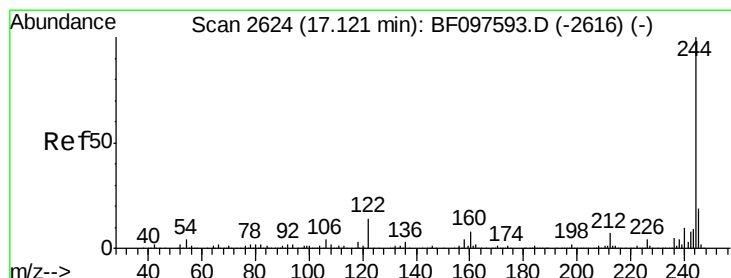
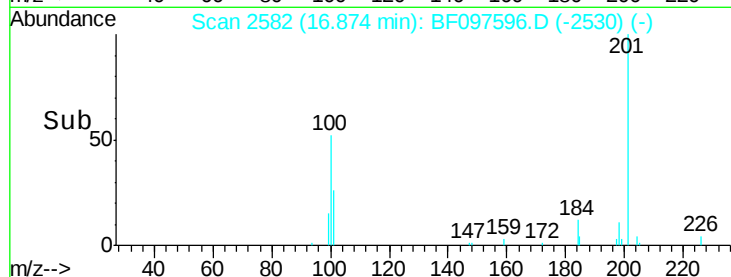
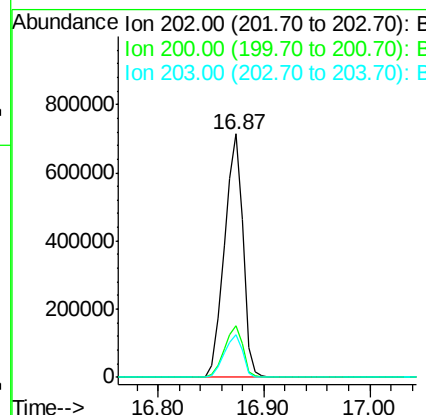
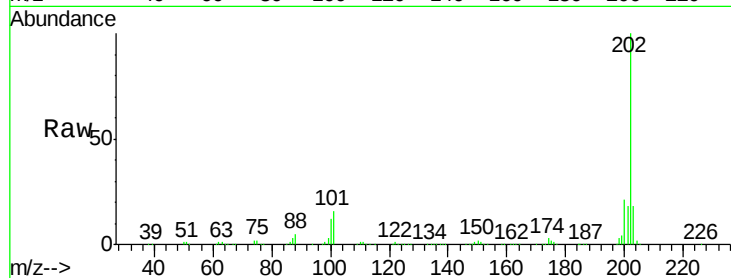




#77  
 Pyrene  
 Concen: 84.798 ng  
 RT: 16.87 min Scan# 2582  
 Delta R.T. 0.01 min  
 Lab File: BF097596.D  
 Acq: 11 Aug 2017 15:10

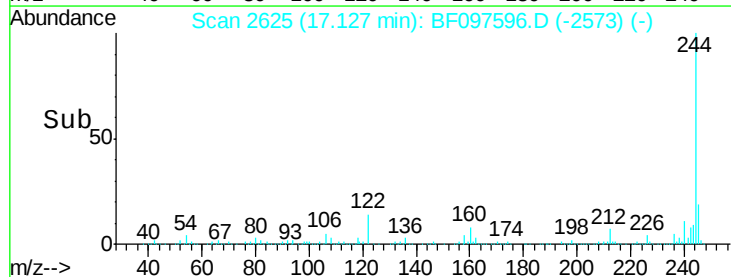
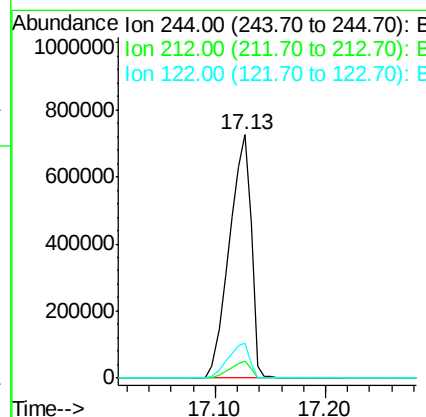
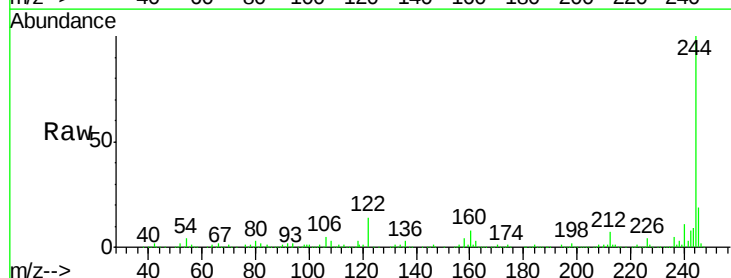
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

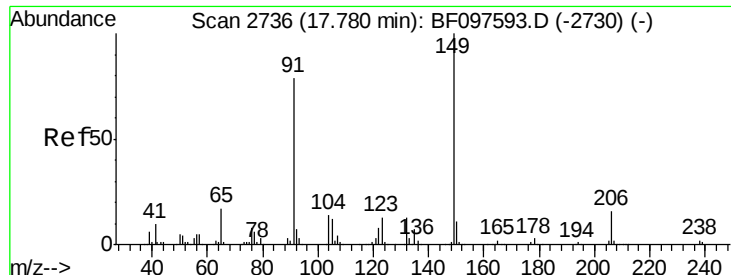
Tgt Ion: 202 Resp: 877544  
 Ion Ratio Lower Upper  
 202 100  
 200 21.4 17.6 26.4  
 203 17.7 14.4 21.6



#78  
 Terphenyl-d14  
 Concen: 179.261 ng  
 RT: 17.13 min Scan# 2625  
 Delta R.T. 0.01 min  
 Lab File: BF097596.D  
 Acq: 11 Aug 2017 15:10

Tgt Ion: 244 Resp: 1001819  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 6.0 9.0  
 122 14.3 10.3 15.5

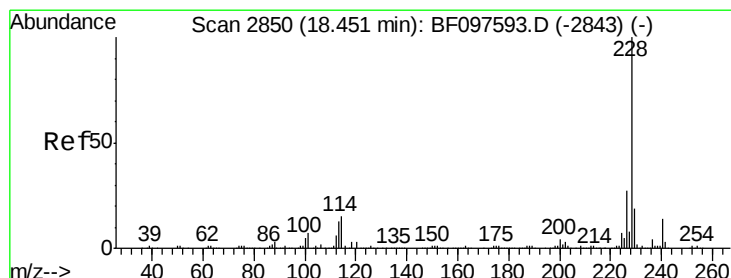
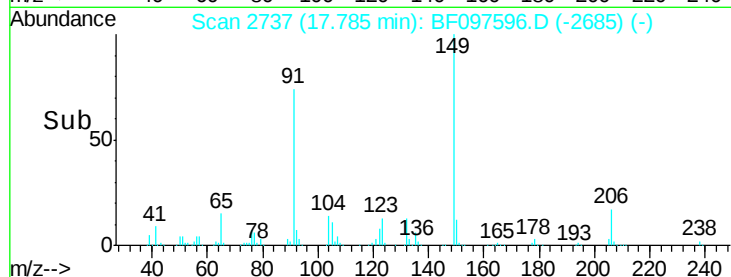
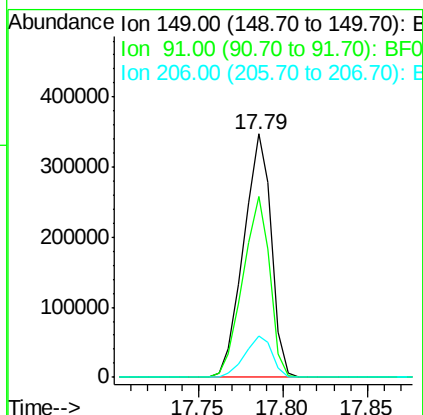
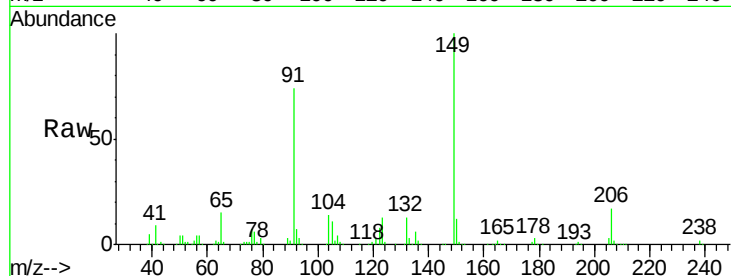




#79  
Butylbenzylphthalate  
Concen: 87.967 ng  
RT: 17.79 min Scan# 2737  
Delta R.T. 0.01 min  
Lab File: BF097596.D  
Acq: 11 Aug 2017 15:10

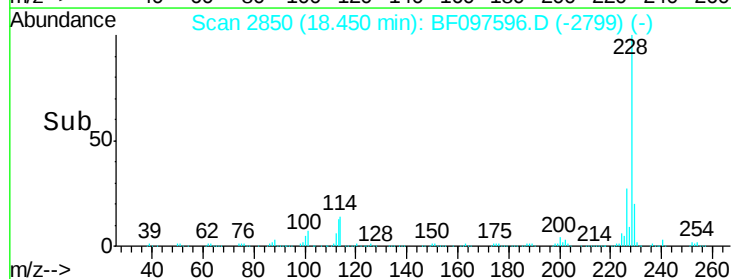
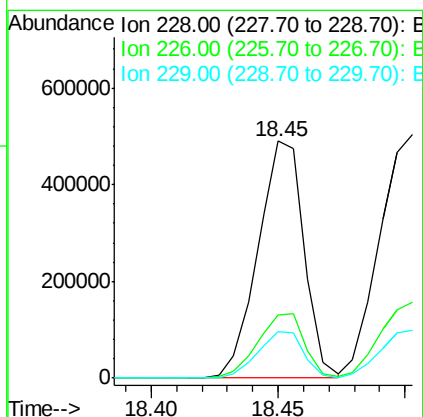
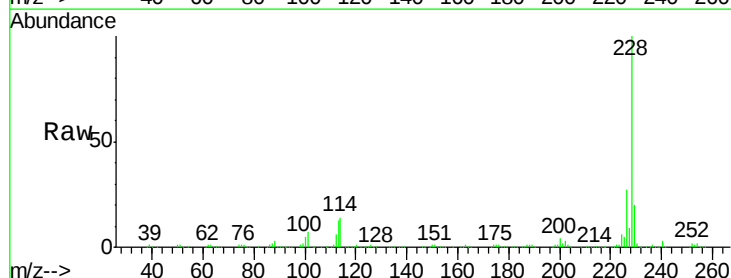
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

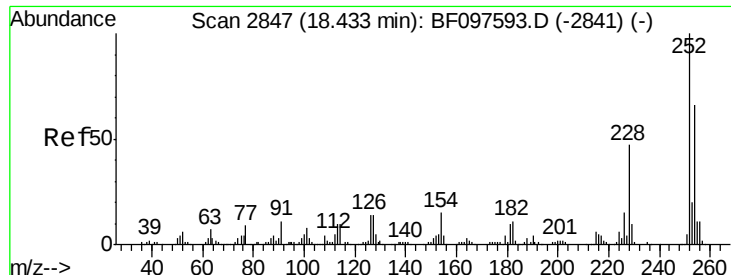
Tgt Ion:149 Resp: 397579  
Ion Ratio Lower Upper  
149 100  
91 74.2 45.0 67.4#  
206 17.0 17.0 25.6#



#80  
Benzo(a)anthracene  
Concen: 77.117 ng  
RT: 18.45 min Scan# 2850  
Delta R.T. -0.00 min  
Lab File: BF097596.D  
Acq: 11 Aug 2017 15:10

Tgt Ion:228 Resp: 621850  
Ion Ratio Lower Upper  
228 100  
226 26.9 22.6 33.8  
229 19.5 16.3 24.5

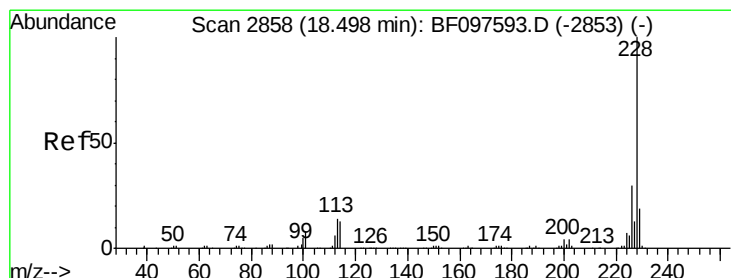
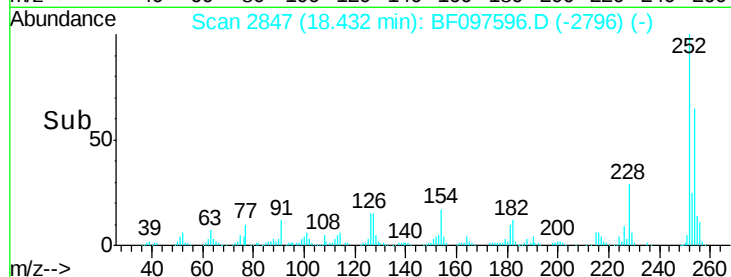
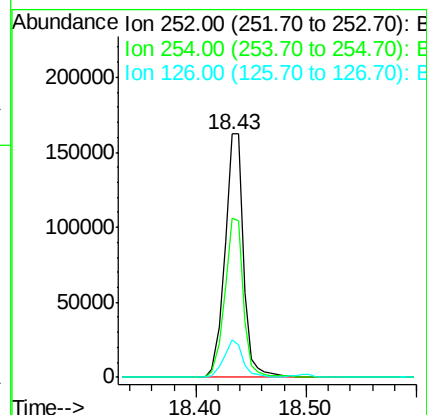
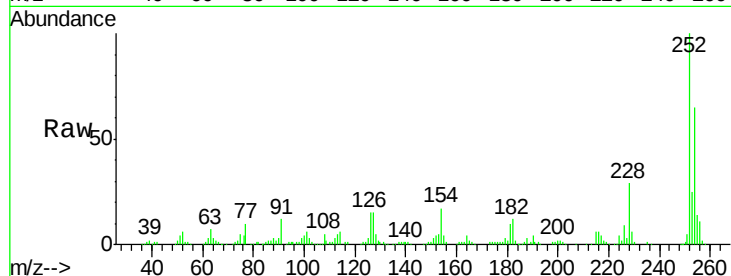




#81  
 3,3'-Dichlorobenzidine  
 Concen: 66.997 ng  
 RT: 18.43 min Scan# 2847  
 Delta R.T. -0.00 min  
 Lab File: BF097596.D  
 Acq: 11 Aug 2017 15:10

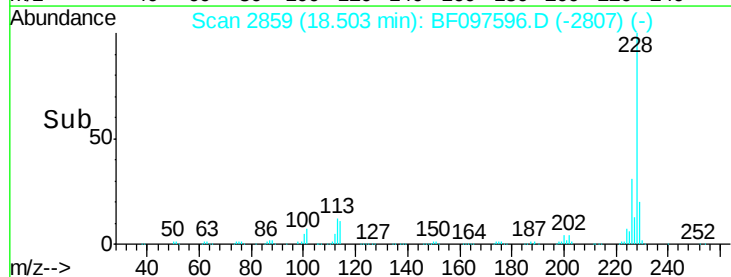
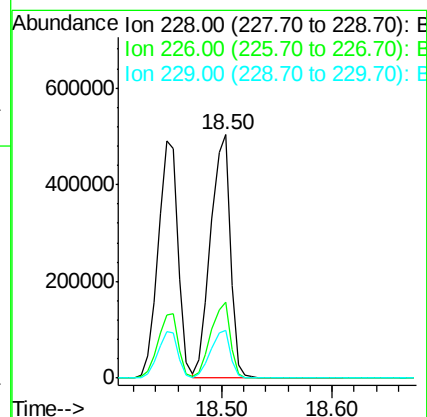
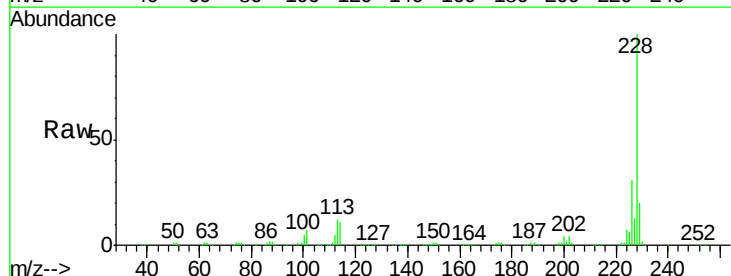
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

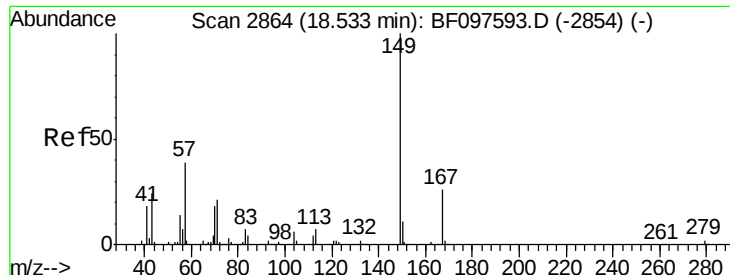
Tgt Ion: 252 Resp: 192075  
 Ion Ratio Lower Upper  
 252 100  
 254 65.4 51.5 77.3  
 126 15.3 15.8 23.8#



#82  
 Chrysene  
 Concen: 75.636 ng  
 RT: 18.50 min Scan# 2859  
 Delta R.T. 0.01 min  
 Lab File: BF097596.D  
 Acq: 11 Aug 2017 15:10

Tgt Ion: 228 Resp: 609513  
 Ion Ratio Lower Upper  
 228 100  
 226 31.4 24.9 37.3  
 229 19.7 15.8 23.6

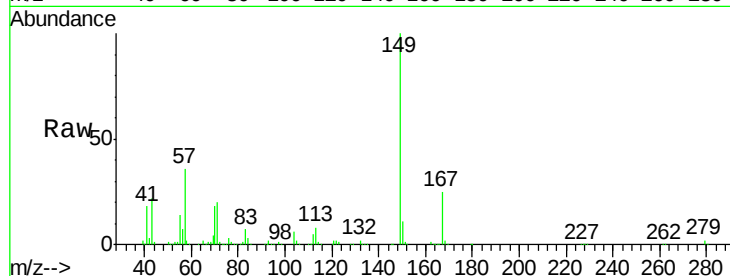




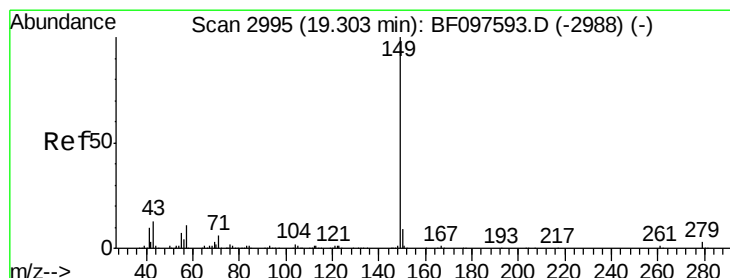
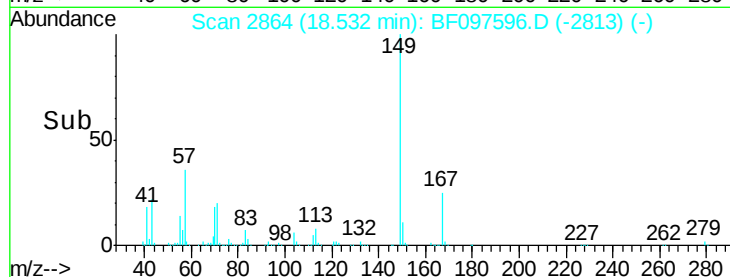
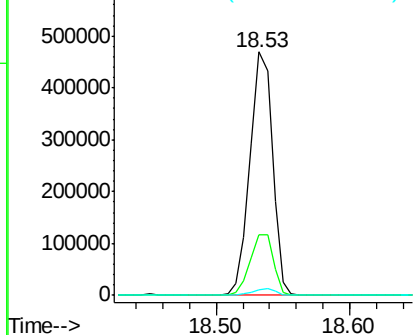
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 85.752 ng  
 RT: 18.53 min Scan# 2864  
 Delta R.T. -0.00 min  
 Lab File: BF097596.D  
 Acq: 11 Aug 2017 15:10

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Tgt Ion:149 Resp: 546701  
 Ion Ratio Lower Upper  
 149 100  
 167 25.0 21.0 31.4  
 279 2.5 1.9 2.9

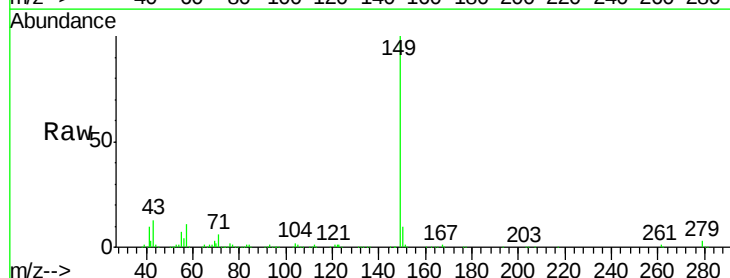


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

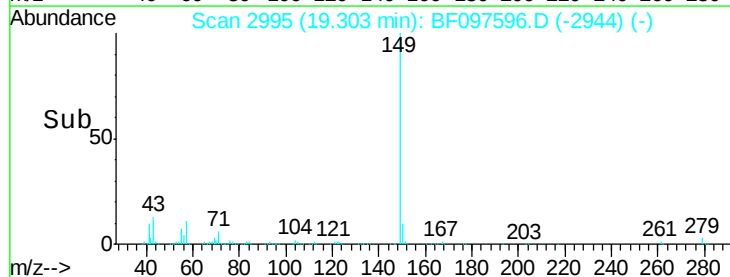
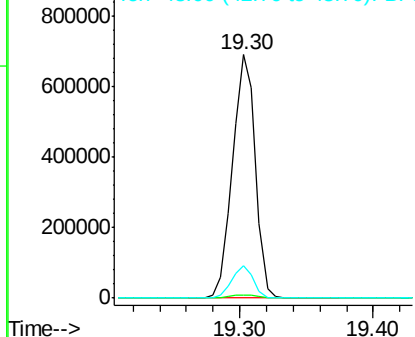


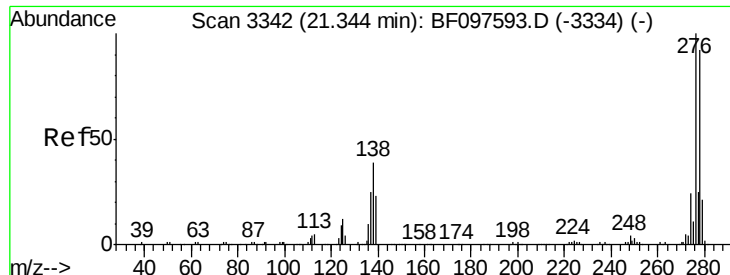
#84  
 Di-n-octyl phthalate  
 Concen: 78.821 ng  
 RT: 19.30 min Scan# 2995  
 Delta R.T. -0.00 min  
 Lab File: BF097596.D  
 Acq: 11 Aug 2017 15:10

Tgt Ion:149 Resp: 828053  
 Ion Ratio Lower Upper  
 149 100  
 167 1.4 1.2 1.8  
 43 12.9 8.5 12.7#



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

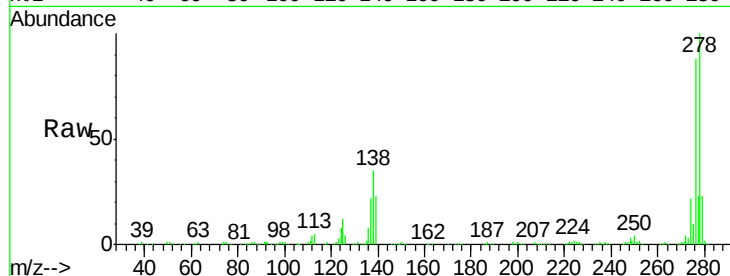




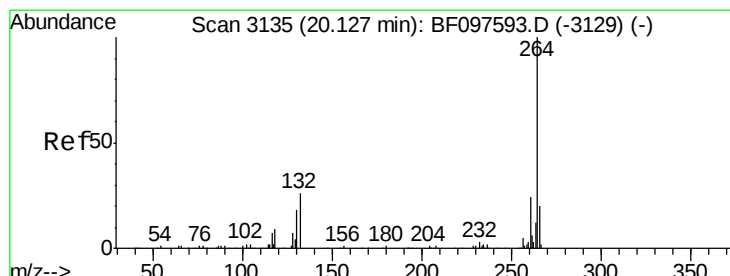
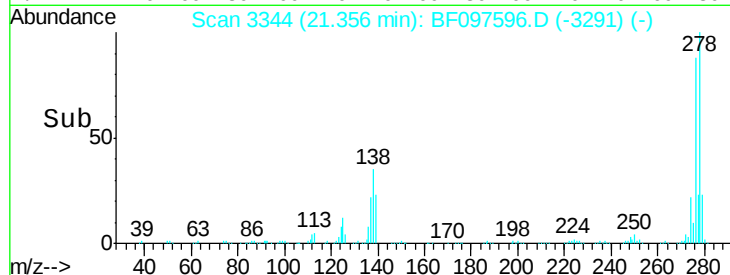
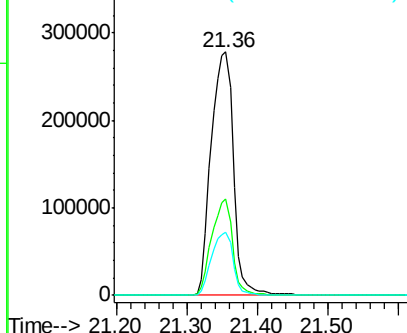
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 88.595 ng  
 RT: 21.36 min Scan# 3344  
 Delta R.T. 0.01 min  
 Lab File: BF097596.D  
 Acq: 11 Aug 2017 15:10

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Tgt Ion: 276 Resp: 610856  
 Ion Ratio Lower Upper  
 276 100  
 138 37.2 27.8 41.6  
 277 25.1 20.2 30.4

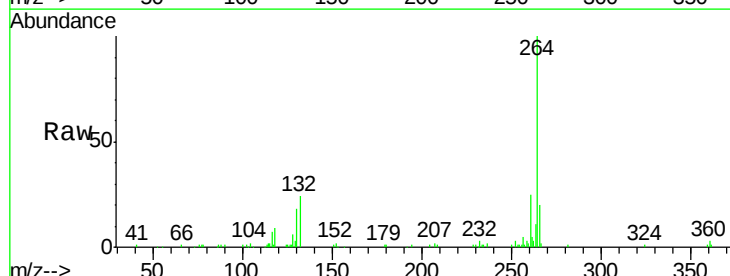


Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

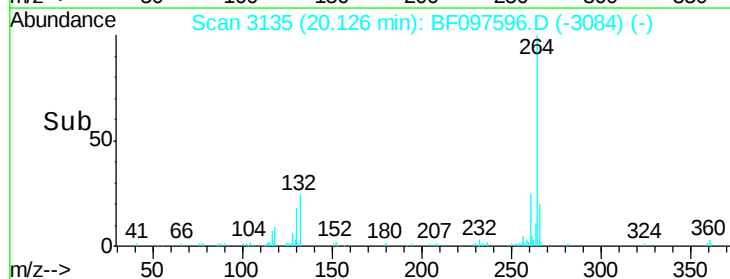
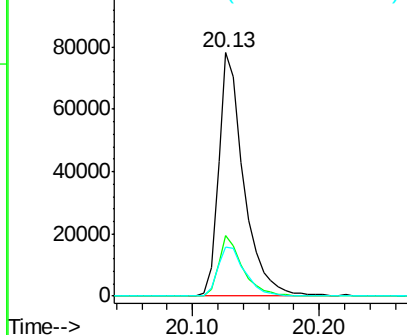


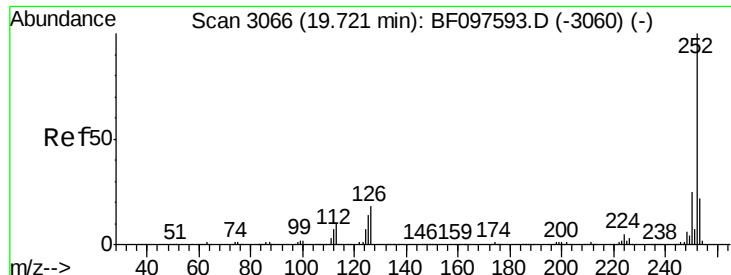
#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 20.13 min Scan# 3135  
 Delta R.T. -0.00 min  
 Lab File: BF097596.D  
 Acq: 11 Aug 2017 15:10

Tgt Ion: 264 Resp: 107432  
 Ion Ratio Lower Upper  
 264 100  
 260 25.0 19.5 29.3  
 265 20.3 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E  
 Ion 260.00 (259.70 to 260.70): E  
 Ion 265.00 (264.70 to 265.70): E

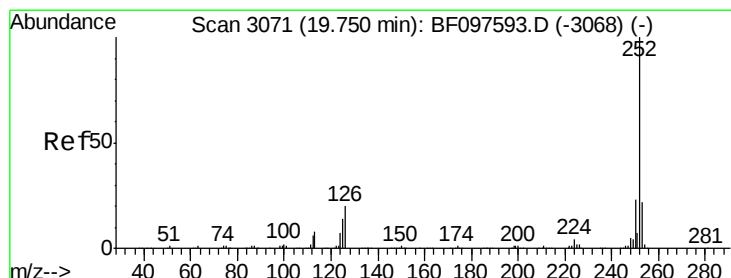
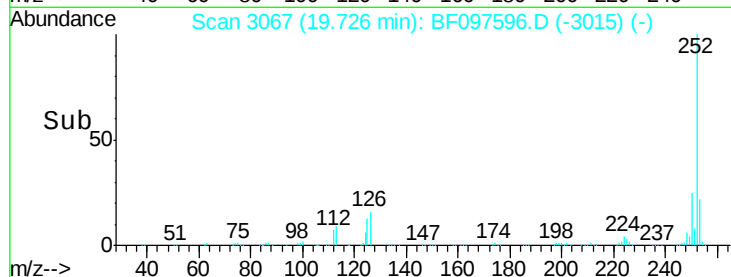
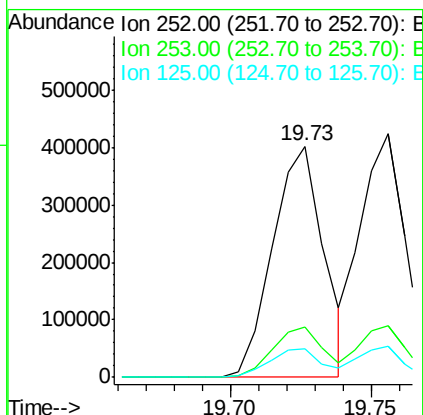
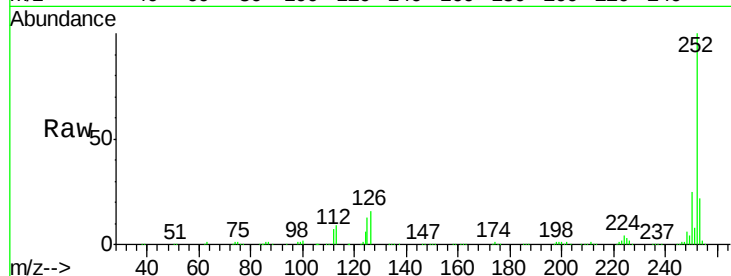




#87  
Benzo(b)fluoranthene  
Concen: 74.967 ng  
RT: 19.73 min Scan# 3067  
Delta R.T. 0.01 min  
Lab File: BF097596.D  
Acq: 11 Aug 2017 15:10

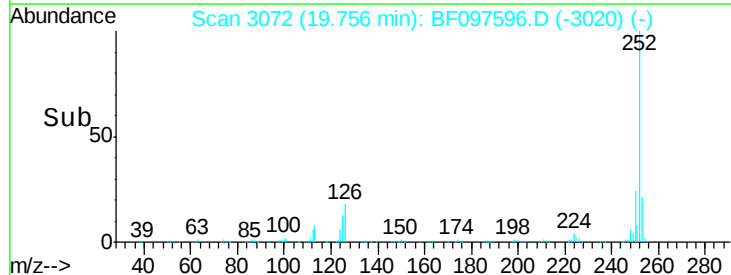
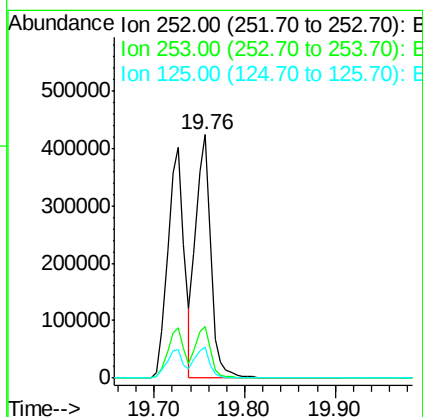
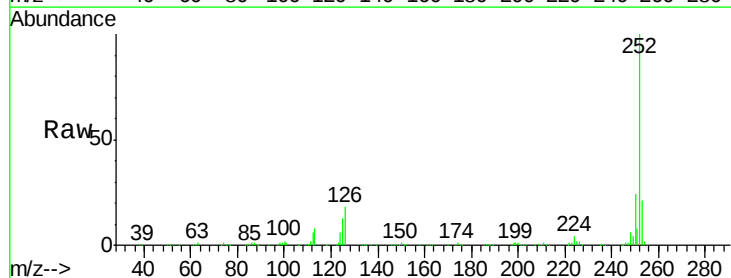
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

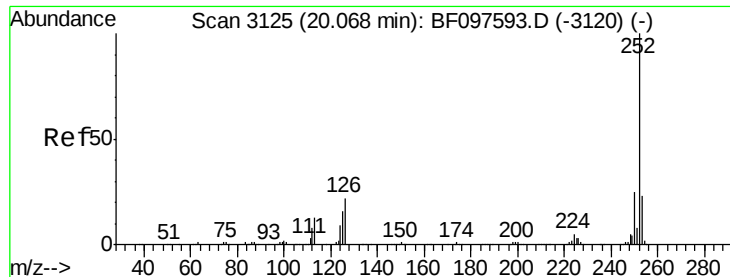
Tgt Ion:252 Resp: 504304  
Ion Ratio Lower Upper  
252 100  
253 21.6 18.1 27.1  
125 12.5 9.8 14.8



#88  
Benzo(k)fluoranthene  
Concen: 76.425 ng  
RT: 19.76 min Scan# 3072  
Delta R.T. 0.01 min  
Lab File: BF097596.D  
Acq: 11 Aug 2017 15:10

Tgt Ion:252 Resp: 491408  
Ion Ratio Lower Upper  
252 100  
253 21.4 18.4 27.6  
125 12.8 13.1 19.7#





#89

Benzo(a)pyrene

Concen: 74.406 ng

RT: 20.07 min Scan# 3126

Delta R.T. 0.01 min

Lab File: BF097596.D

Acq: 11 Aug 2017 15:10

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

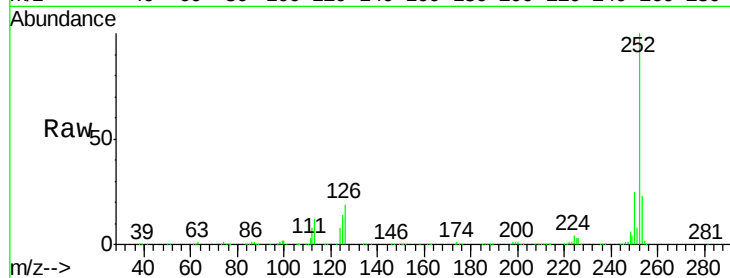
Tgt Ion:252 Resp: 460050

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

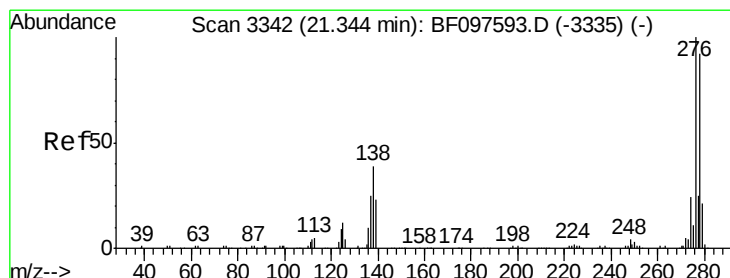
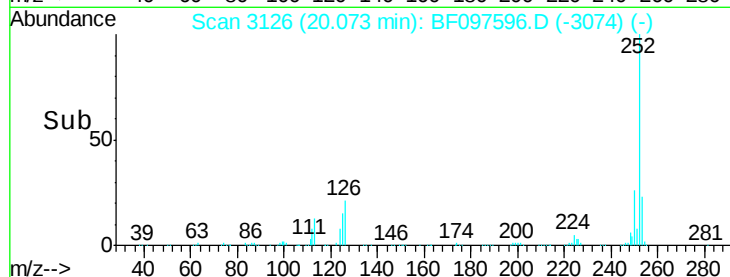
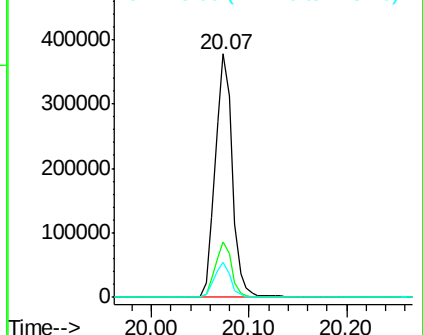
125 14.4 11.0 16.4



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: 98.041 ng

RT: 21.36 min Scan# 3344

Delta R.T. 0.01 min

Lab File: BF097596.D

Acq: 11 Aug 2017 15:10

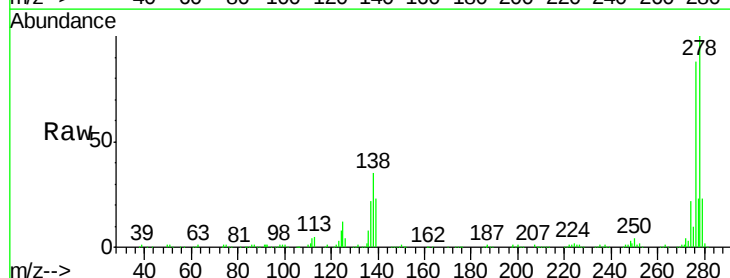
Tgt Ion:278 Resp: 514198

Ion Ratio Lower Upper

278 100

139 23.5 16.6 24.8

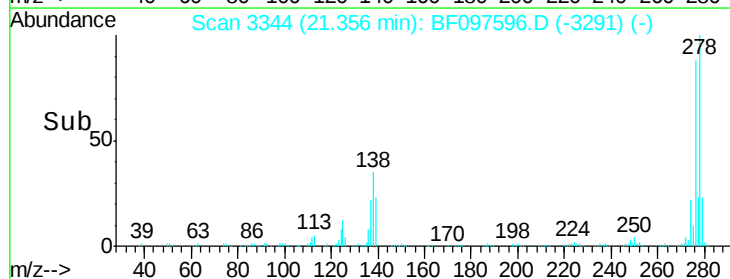
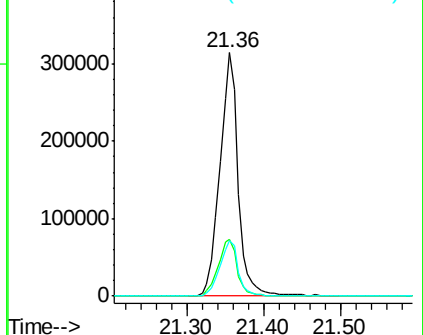
279 22.9 19.3 28.9

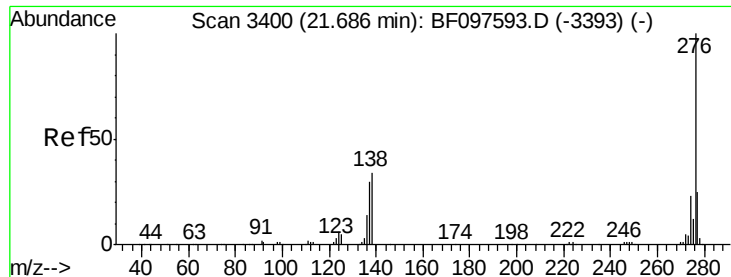


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 112.531 ng

RT: 21.70 min Scan# 3403

Delta R.T. 0.02 min

Lab File: BF097596.D

Acq: 11 Aug 2017 15:10

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

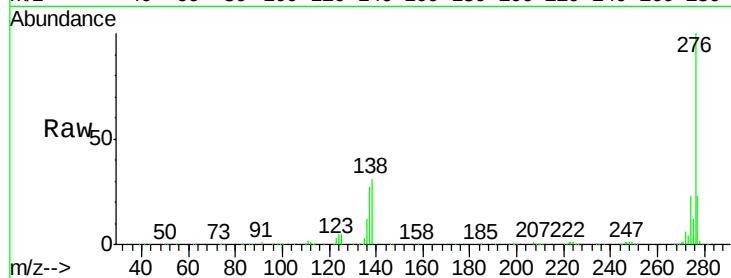
Tgt Ion: 276 Resp: 601705

Ion Ratio Lower Upper

276 100

277 23.1 18.6 28.0

138 31.1 25.4 38.0



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

