

Data Path : Z:\HPCHEM1\BNA F\Data\BF070117\  
 Data File : BF096370.D  
 Acq On : 1 Jul 2017 11:08  
 Operator : SJ/MA  
 Sample : SSTDICC2.5  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

Quant Time: Jul 01 13:07:01 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jul 01 13:03:35 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|--------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.734  | 152  | 153054   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.016  | 136  | 649435   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.769  | 164  | 290470   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.245 | 188  | 503091   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.874 | 240  | 426203   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.286 | 264  | 372568   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |        |     |        |      |    |       |
|--------------------------|--------|-----|--------|------|----|-------|
| 5) 2-Fluorophenol        | 5.340  | 112 | 59692  | 5.62 | ng | 0.00  |
| 7) Phenol-d6             | 6.357  | 99  | 75001  | 5.83 | ng | -0.02 |
| 23) Nitrobenzene-d5      | 7.287  | 82  | 59402  | 6.33 | ng | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.551 | 330 | 13369  | 5.85 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 9.092  | 172 | 118404 | 7.47 | ng | 0.00  |
| 78) Terphenyl-d14        | 12.827 | 244 | 115629 | 6.77 | ng | 0.00  |

## Target Compounds

|                               |       |     |       |      |    | Qvalue |
|-------------------------------|-------|-----|-------|------|----|--------|
| 2) 1,4-Dioxane                | 2.416 | 88  | 12223 | 2.41 | ng | # 70   |
| 3) Pyridine                   | 3.157 | 79  | 33925 | 2.44 | ng | # 69   |
| 4) n-Nitrosodimethylamine     | 3.052 | 42  | 16667 | 2.42 | ng | # 94   |
| 6) Aniline                    | 6.387 | 93  | 47471 | 2.68 | ng | 99     |
| 8) 2-Chlorophenol             | 6.516 | 128 | 31919 | 3.06 | ng | 94     |
| 9) Benzaldehyde               | 6.275 | 77  | 23448 | 3.02 | ng | 90     |
| 10) Phenol                    | 6.375 | 94  | 43243 | 3.06 | ng | 88     |
| 11) bis(2-Chloroethyl)ether   | 6.463 | 93  | 31408 | 2.71 | ng | 94     |
| 12) 1,3-Dichlorobenzene       | 6.675 | 146 | 33284 | 2.90 | ng | 96     |
| 13) 1,4-Dichlorobenzene       | 6.751 | 146 | 32802 | 2.84 | ng | 92     |
| 14) 1,2-Dichlorobenzene       | 6.904 | 146 | 32187 | 3.06 | ng | 92     |
| 15) Benzyl Alcohol            | 6.869 | 79  | 24290 | 2.80 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropr... | 7.016 | 45  | 63254 | 2.59 | ng | 93     |
| 17) 2-Methylphenol            | 6.987 | 107 | 23747 | 2.63 | ng | 92     |
| 18) Hexachloroethane          | 7.251 | 117 | 11490 | 2.76 | ng | # 81   |
| 19) n-Nitroso-di-n-propyla... | 7.140 | 70  | 21874 | 2.84 | ng | # 79   |
| 20) 3+4-Methylphenols         | 7.140 | 107 | 32195 | 3.12 | ng | # 88   |
| 22) Acetophenone              | 7.134 | 105 | 44026 | 3.26 | ng | # 97   |
| 24) Nitrobenzene              | 7.304 | 77  | 30735 | 2.96 | ng | 98     |
| 25) Isophorone                | 7.551 | 82  | 57419 | 2.70 | ng | 96     |
| 26) 2-Nitrophenol             | 7.628 | 139 | 14695 | 3.39 | ng | # 85   |
| 27) 2,4-Dimethylphenol        | 7.669 | 122 | 28093 | 2.92 | ng | 94     |
| 28) bis(2-Chloroethoxy)met... | 7.763 | 93  | 38850 | 2.69 | ng | 99     |
| 29) 2,4-Dichlorophenol        | 7.869 | 162 | 24224 | 2.95 | ng | 95     |
| 30) 1,2,4-Trichlorobenzene    | 7.957 | 180 | 23373 | 2.87 | ng | # 93   |
| 31) Naphthalene               | 8.039 | 128 | 90496 | 2.89 | ng | 100    |
| 32) Benzoic acid              | 7.722 | 122 | 14564 | 2.47 | ng | 98     |
| 33) 4-Chloroaniline           | 8.081 | 127 | 36625 | 2.83 | ng | 97     |
| 34) Hexachlorobutadiene       | 8.163 | 225 | 12067 | 2.98 | ng | 95     |
| 35) Caprolactam               | 8.398 | 113 | 8214  | 2.89 | ng | # 57   |
| 36) 4-Chloro-3-methylphenol   | 8.563 | 107 | 27099 | 3.03 | ng | 91     |
| 37) 2-Methylnaphthalene       | 8.728 | 142 | 57444 | 2.83 | ng | 95     |
| 39) 1,2,4,5-Tetrachloroben... | 8.898 | 216 | 22899 | 3.26 | ng | 98     |
| 40) Hexachlorocyclopentadiene | 8.886 | 237 | 7847  | 2.49 | ng | 88     |

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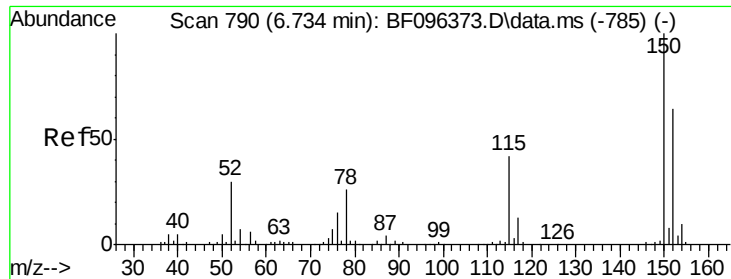
Instrument :  
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Quant Time: Jul 01 13:07:01 2017  
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| Internal Standards            | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| 42) 2,4,6-Trichlorophenol     | 9.004  | 196  | 16345    | 3.08 | nq    | 98       |
| 43) 2,4,5-Trichlorophenol     | 9.039  | 196  | 15744    | 2.82 | nq    | 96       |
| 45) 1,1'-Biphenyl             | 9.192  | 154  | 76163    | 3.42 | nq    | 96       |
| 46) 2-Chloronaphthalene       | 9.210  | 162  | 54861    | 2.97 | nq    | # 93     |
| 47) 2-Nitroaniline            | 9.298  | 65   | 17123    | 2.93 | nq    | 88       |
| 48) Acenaphthylene            | 9.628  | 152  | 86031    | 2.80 | nq    | 96       |
| 49) Dimethylphthalate         | 9.486  | 163  | 63639    | 3.06 | nq    | 99       |
| 50) 2,6-Dinitrotoluene        | 9.545  | 165  | 12373    | 2.86 | nq    | 93       |
| 51) Acenaphthene              | 9.798  | 154  | 53693    | 2.97 | nq    | 97       |
| 52) 3-Nitroaniline            | 9.704  | 138  | 16042    | 2.90 | nq    | 93       |
| 53) 2,4-Dinitrophenol         | 9.816  | 184  | 3479     | 2.64 | nq    | # 77     |
| 54) Dibenzofuran              | 9.969  | 168  | 73025    | 3.10 | nq    | 97       |
| 55) 4-Nitrophenol             | 9.869  | 139  | 12723    | 2.84 | nq    | # 70     |
| 56) 2,4-Dinitrotoluene        | 9.945  | 165  | 15479    | 2.84 | nq    | # 81     |
| 57) Fluorene                  | 10.310 | 166  | 60656    | 3.51 | nq    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol | 10.092 | 232  | 10989    | 2.82 | nq    | # 98     |
| 59) Diethylphthalate          | 10.186 | 149  | 60295    | 2.89 | nq    | 97       |
| 60) 4-Chlorophenyl-phenyle... | 10.310 | 204  | 24597    | 3.54 | nq    | 89       |
| 61) 4-Nitroaniline            | 10.310 | 138  | 15051    | 3.12 | nq    | 86       |
| 62) Azobenzene                | 10.463 | 77   | 57041    | 2.71 | nq    | 96       |
| 64) 4,6-Dinitro-2-methylph... | 10.351 | 198  | 5982     | 2.61 | nq    | 95       |
| 65) n-Nitrosodiphenylamine    | 10.422 | 169  | 51699    | 2.86 | nq    | 96       |
| 66) 4-Bromophenyl-phenylether | 10.792 | 248  | 13536    | 2.61 | nq    | 97       |
| 67) Hexachlorobenzene         | 10.863 | 284  | 15130    | 2.84 | nq    | # 80     |
| 68) Atrazine                  | 10.945 | 200  | 14394    | 3.02 | nq    | 96       |
| 69) Pentachlorophenol         | 11.051 | 266  | 6705     | 2.21 | nq    | 96       |
| 70) Phenanthrene              | 11.269 | 178  | 83934    | 3.09 | nq    | 97       |
| 71) Anthracene                | 11.322 | 178  | 82477    | 2.93 | nq    | 99       |
| 72) Carbazole                 | 11.469 | 167  | 83644    | 2.69 | nq    | 96       |
| 73) Di-n-butylphthalate       | 11.816 | 149  | 101279   | 3.09 | nq    | 98       |
| 74) Fluoranthene              | 12.451 | 202  | 81311    | 2.91 | nq    | 97       |
| 76) Benzidine                 | 12.569 | 184  | 54310    | 3.40 | nq    | # 91     |
| 77) Pyrene                    | 12.680 | 202  | 85838    | 2.45 | nq    | 98       |
| 79) Butylbenzylphthalate      | 13.304 | 149  | 42818    | 2.67 | nq    | # 80     |
| 80) Benzo(a)anthracene        | 13.863 | 228  | 69938    | 2.69 | nq    | 98       |
| 81) 3,3'-Dichlorobenzidine    | 13.827 | 252  | 26498    | 2.68 | nq    | # 93     |
| 82) Chrysene                  | 13.898 | 228  | 70557    | 2.63 | nq    | 98       |
| 83) Bis(2-ethylhexyl)phtha... | 13.868 | 149  | 55236    | 3.17 | nq    | 97       |
| 84) Di-n-octyl phthalate      | 14.474 | 149  | 101796   | 2.83 | nq    | # 88     |
| 85) Indeno(1,2,3-cd)pyrene    | 16.645 | 276  | 56146    | 2.52 | nq    | # 87     |
| 87) Benzo(b)fluoranthene      | 14.910 | 252  | 61822    | 2.53 | nq    | 98       |
| 88) Benzo(k)fluoranthene      | 14.910 | 252  | 61822    | 2.77 | nq    | 96       |
| 89) Benzo(a)pyrene            | 15.221 | 252  | 58806    | 2.72 | nq    | # 96     |
| 90) Dibenzo(a,h)anthracene    | 16.662 | 278  | 45972    | 2.72 | nq    | # 90     |
| 91) Benzo(g,h,i)perylene      | 17.051 | 276  | 46561    | 2.65 | nq    | 94       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.734 min Scan# 79

Delta R.T. 0.000 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

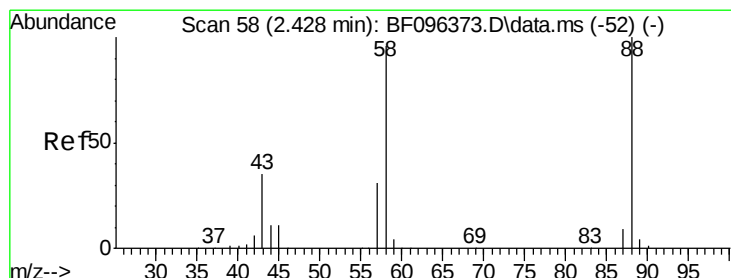
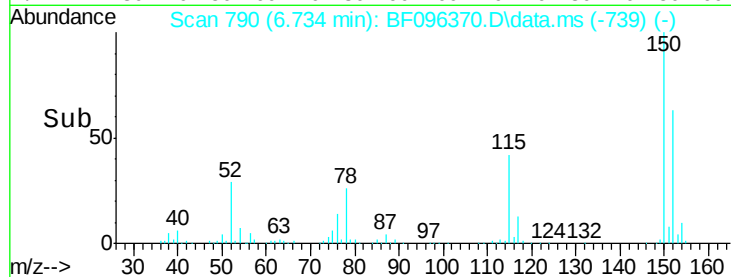
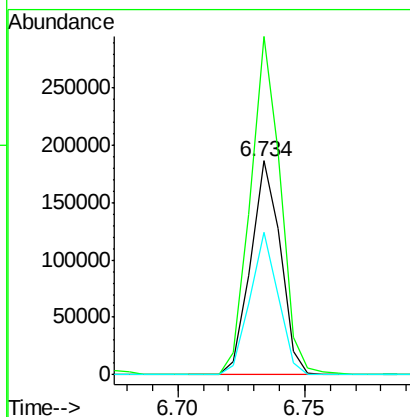
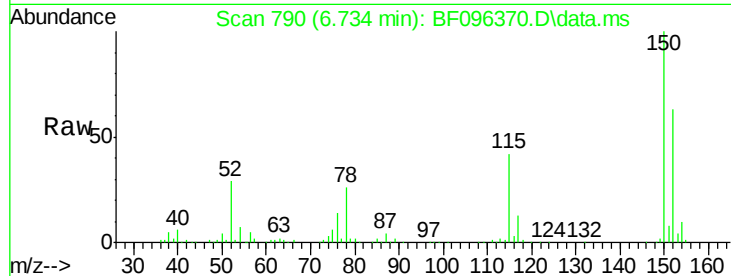
Tot Ion:152 Resp: 153054

Ion Ratio Lower Upper

152 100

150 158.3 126.2 189.2

115 66.9 52.2 78.2



#2

1,4-Dioxane

Concen: 2.41 ng

RT: 2.416 min Scan# 56

Delta R.T. -0.012 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

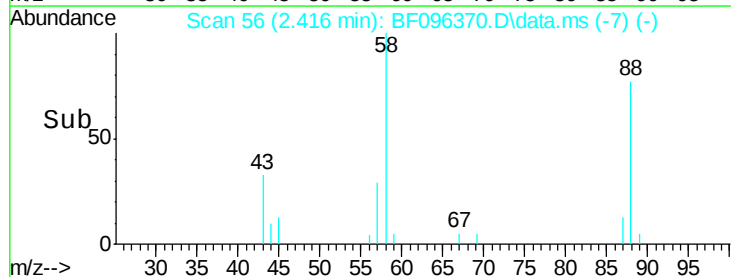
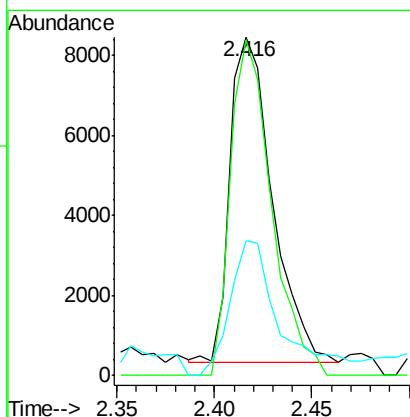
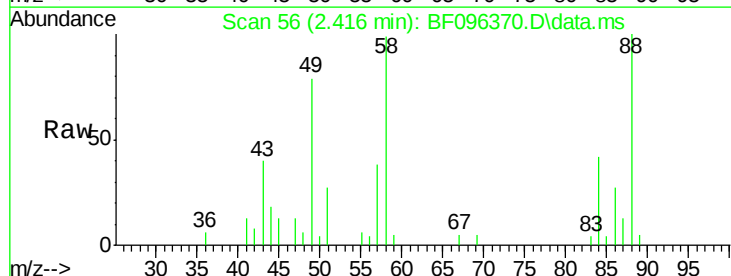
Tgt Ion: 88 Resp: 12223

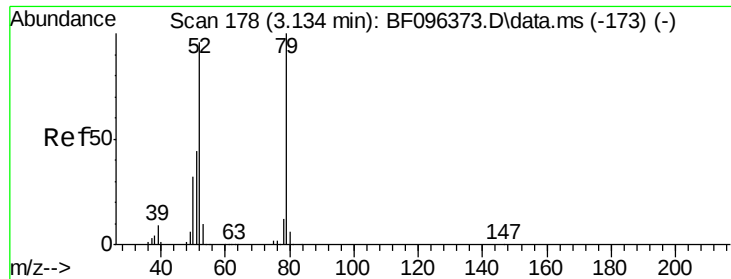
Ion Ratio Lower Upper

88 100

58 100.0 61.4 92.0#

43 49.3 23.4 35.0#





#3

Pvridine

Concen: 2.44 ng

RT: 3.157 min Scan# 18

Delta R.T. 0.024 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

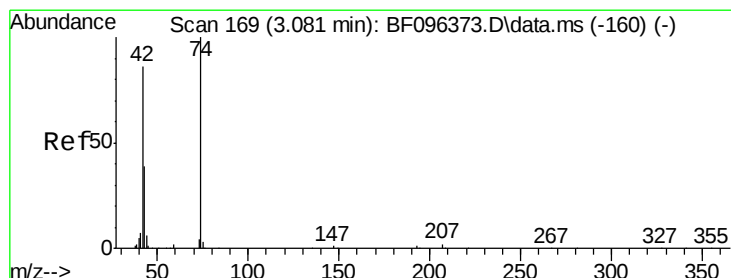
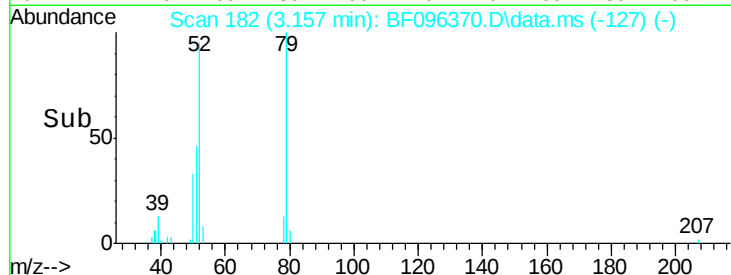
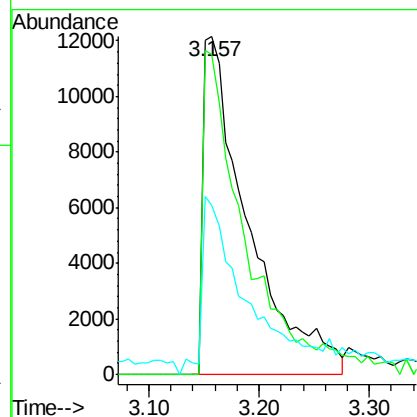
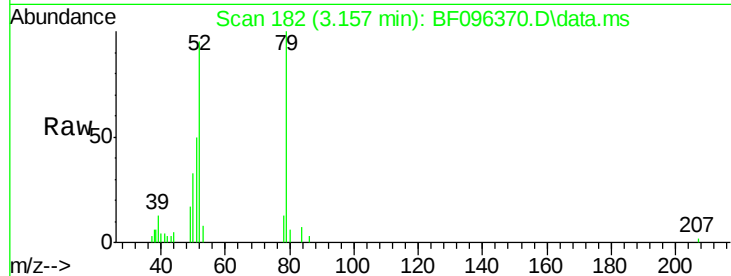
Tot Ion: 79 Resp: 33925

Ion Ratio Lower Upper

79 100

52 94.5 54.8 82.2#

51 49.9 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 2.42 ng

RT: 3.052 min Scan# 164

Delta R.T. -0.029 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

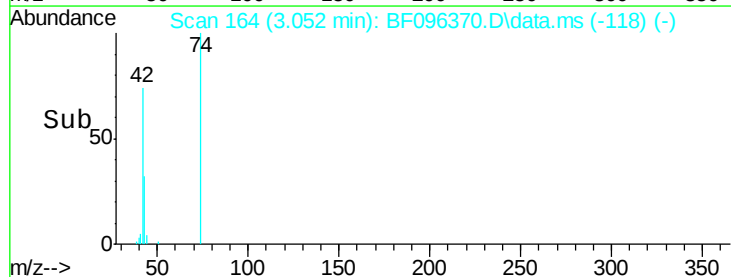
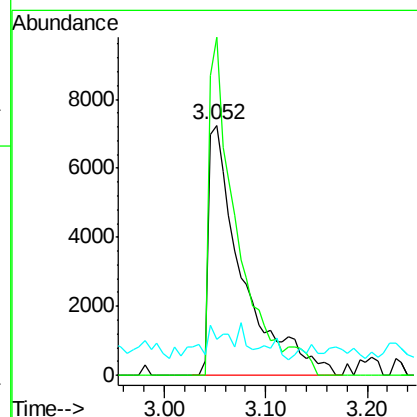
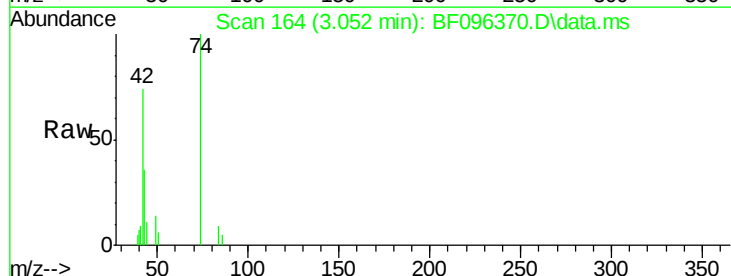
Tgt Ion: 42 Resp: 16667

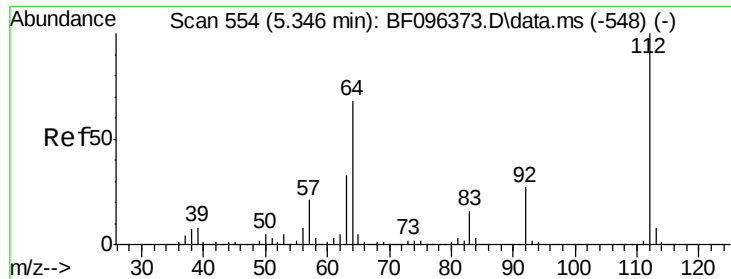
Ion Ratio Lower Upper

42 100

74 135.3 103.9 155.9

44 14.5 5.7 8.5#





#5

2-Fluorophenol

Concen: 5.62 ng

RT: 5.340 min Scan# 554

Delta R.T. -0.006 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

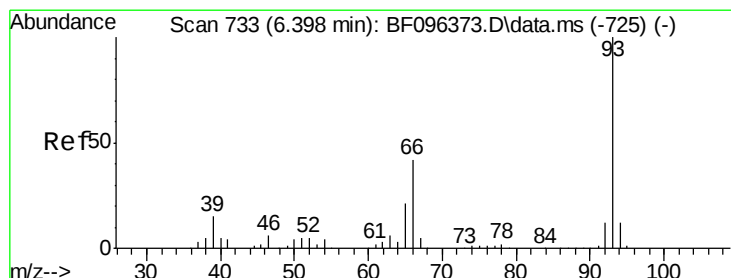
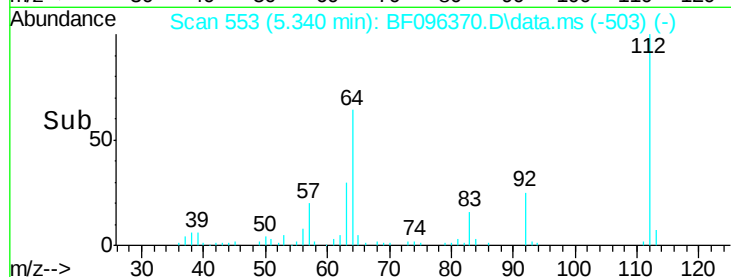
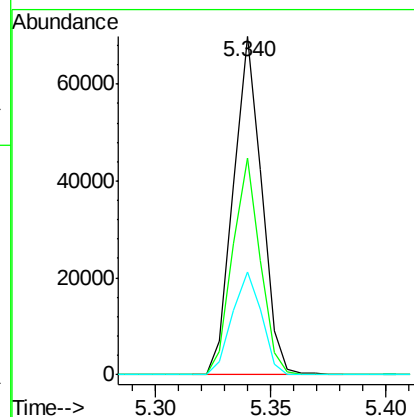
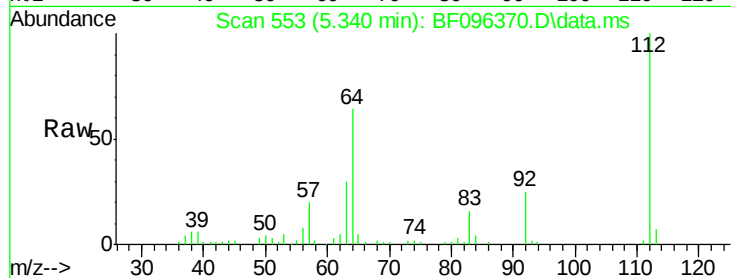
Tot Ion:112 Resp: 59692

Ion Ratio Lower Upper

112 100

64 63.9 46.0 69.0

63 30.3 23.4 35.0



#6

Aniline

Concen: 2.68 ng

RT: 6.387 min Scan# 731

Delta R.T. -0.012 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

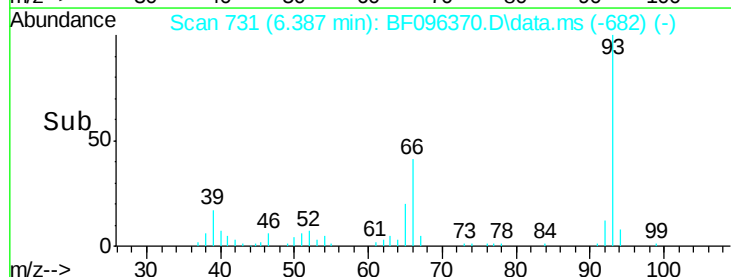
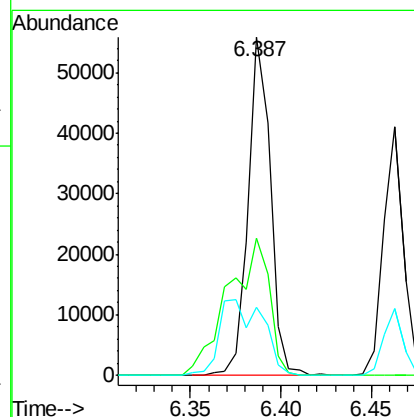
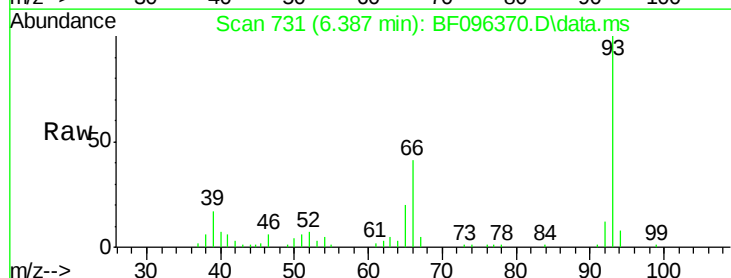
Tgt Ion: 93 Resp: 47471

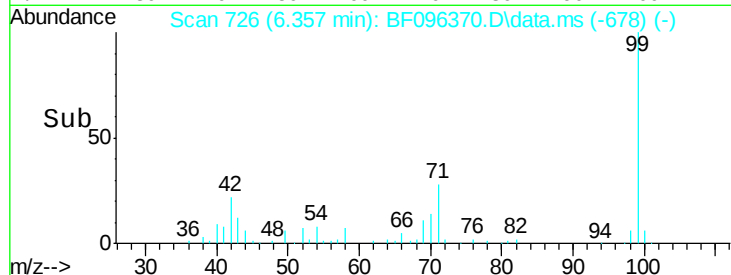
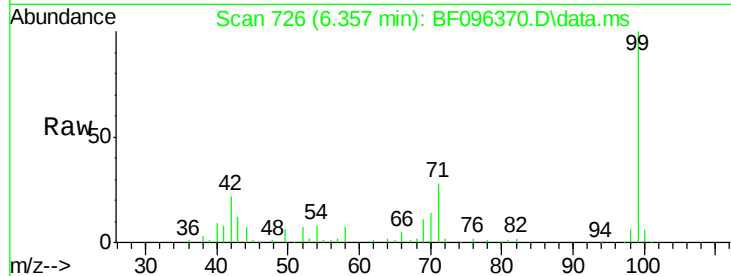
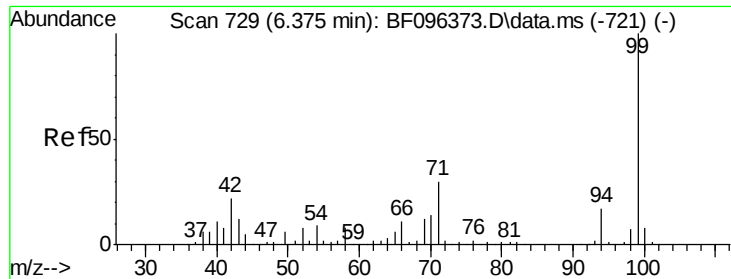
Ion Ratio Lower Upper

93 100

66 40.6 32.9 49.3

65 20.0 16.0 24.0





#7

Phenol-d6

Concen: 5.83 ng

RT: 6.357 min Scan# 72

Delta R.T. -0.018 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

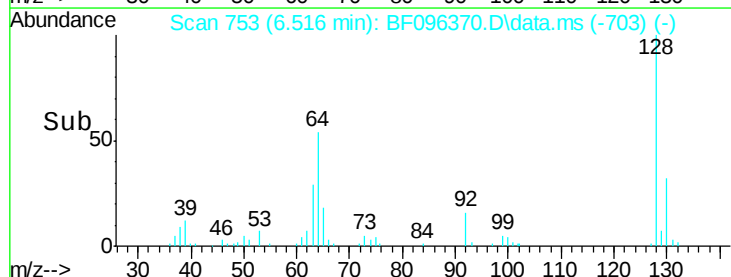
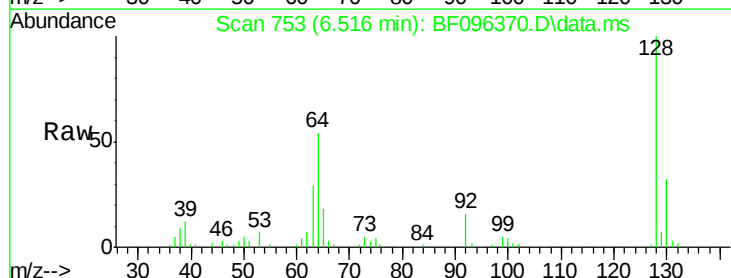
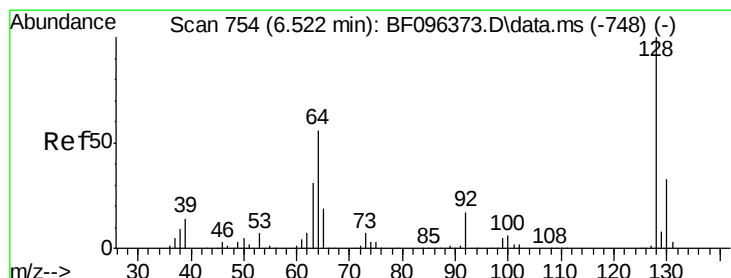
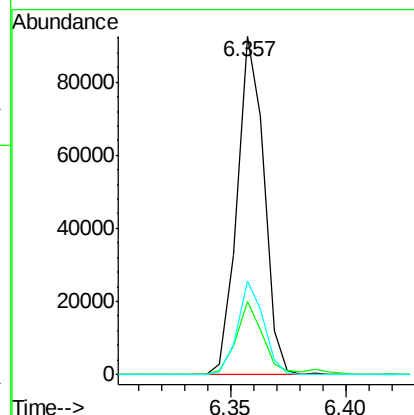
Tot Ion: 99 Resp: 75001

Ion Ratio Lower Upper

99 100

42 21.7 13.5 20.3#

71 27.8 24.5 36.7



#8

2-Chlorophenol

Concen: 3.06 ng

RT: 6.516 min Scan# 753

Delta R.T. -0.006 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

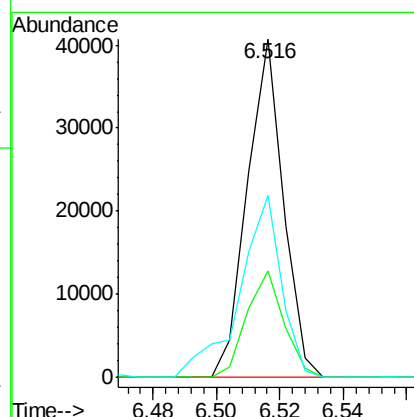
Tgt Ion: 128 Resp: 31919

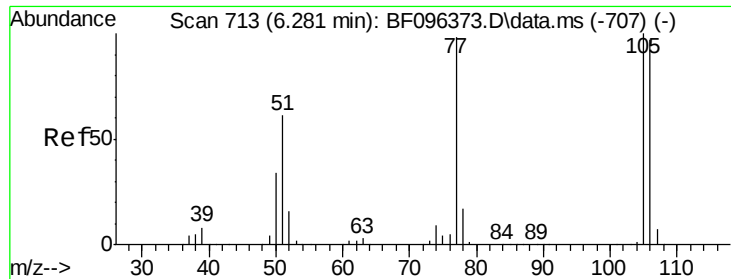
Ion Ratio Lower Upper

128 100

130 31.7 12.9 52.9

64 54.0 28.4 68.4





#9

Benzaldehyde

Concen: 3.02 ng

RT: 6.275 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

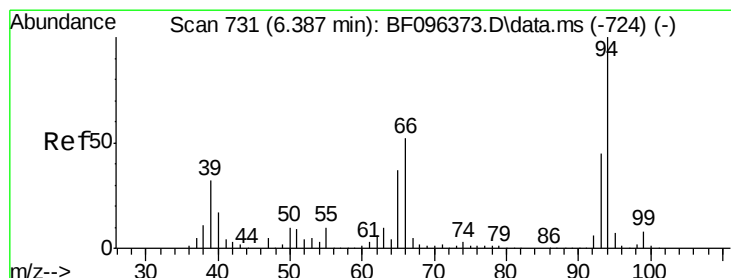
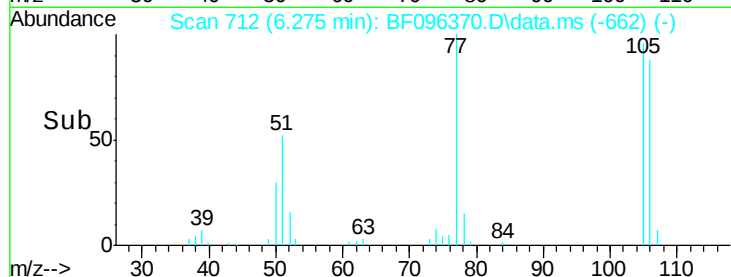
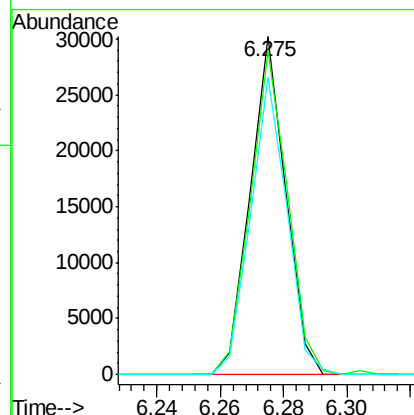
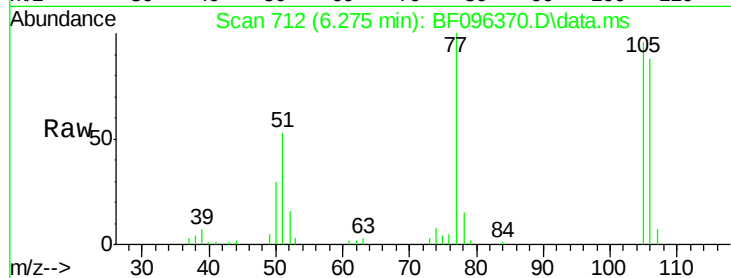
Tot Ion: 77 Resp: 23448

Ion Ratio Lower Upper

77 100

105 95.9 83.8 123.8

106 87.8 79.1 119.1



#10

Phenol

Concen: 3.06 ng

RT: 6.375 min Scan# 729

Delta R.T. -0.012 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

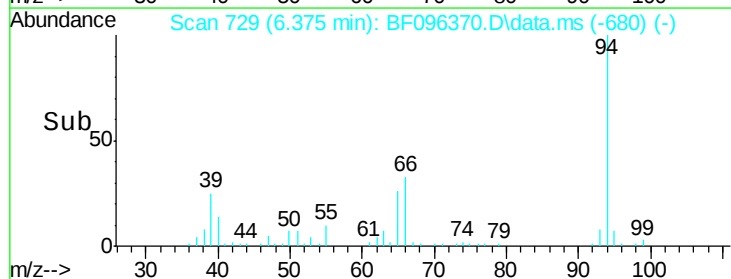
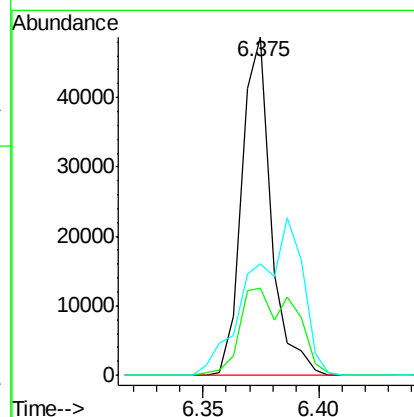
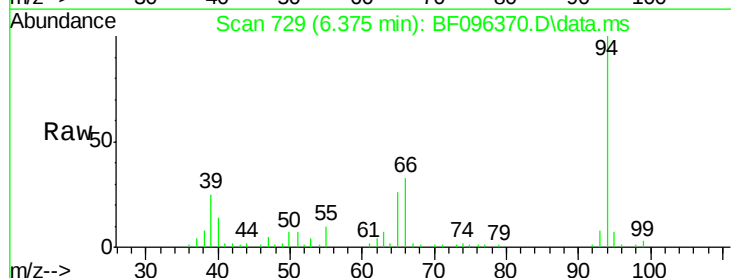
Tgt Ion: 94 Resp: 43243

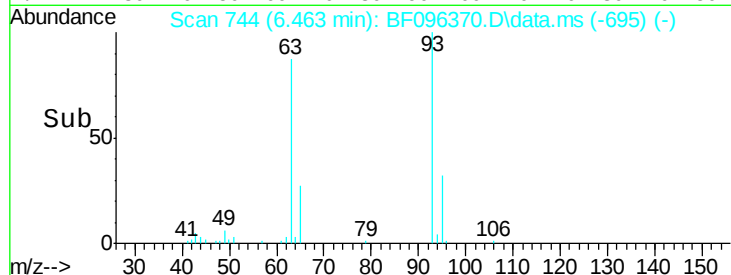
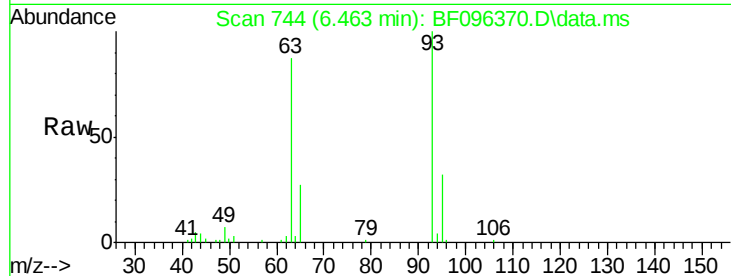
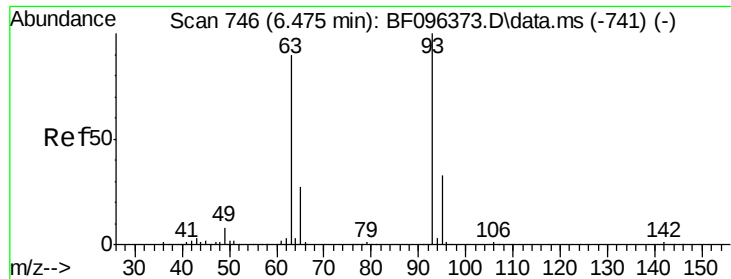
Ion Ratio Lower Upper

94 100

65 25.7 9.9 49.9

66 33.2 23.1 63.1

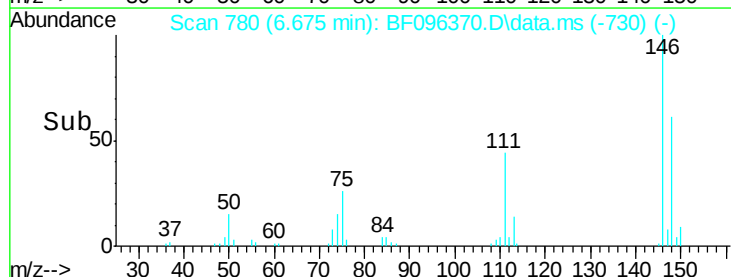
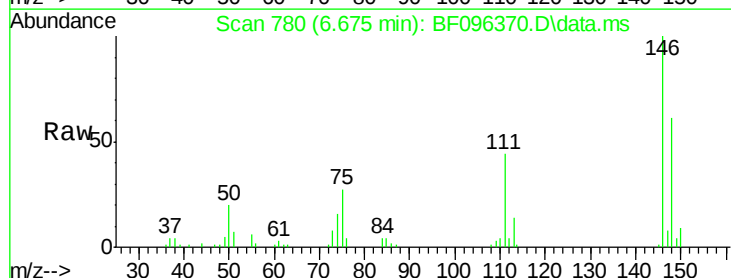
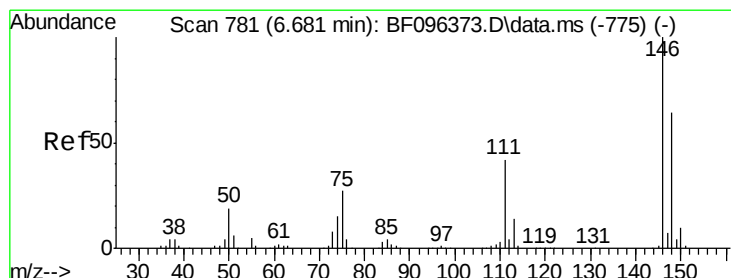
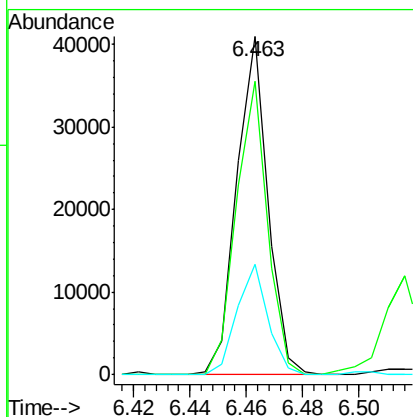




#11  
bis(2-Chloroethyl)ether  
Concen: 2.71 ng  
RT: 6.463 min Scan# 74  
Delta R.T. -0.012 min  
Lab File: BF096370.D  
Acq: 1 Jul 2017 11:08

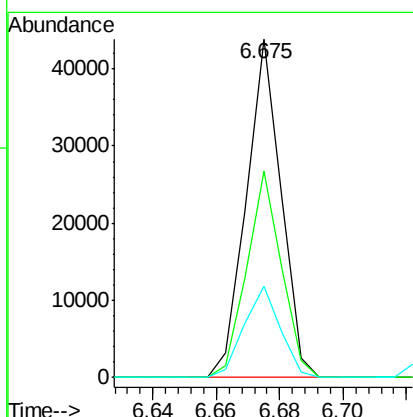
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

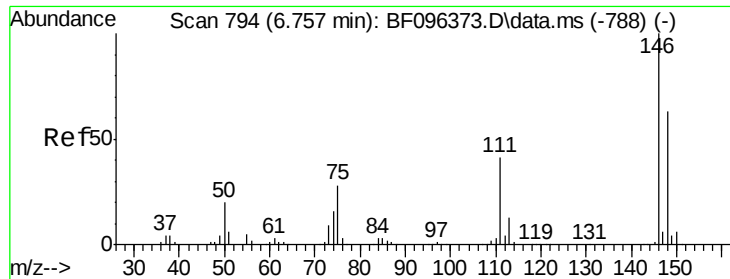
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 93    | Resp: | 31408 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 86.8  | 59.2  | 99.2  |
| 95       | 32.5  | 12.8  | 52.8  |



#12  
1,3-Dichlorobenzene  
Concen: 2.90 ng  
RT: 6.675 min Scan# 780  
Delta R.T. -0.006 min  
Lab File: BF096370.D  
Acq: 1 Jul 2017 11:08

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 33284 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 148      | 61.0  | 51.8  | 77.6  |
| 75       | 26.9  | 23.1  | 34.7  |





#13

1,4-Dichlorobenzene

Concen: 2.84 ng

RT: 6.751 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

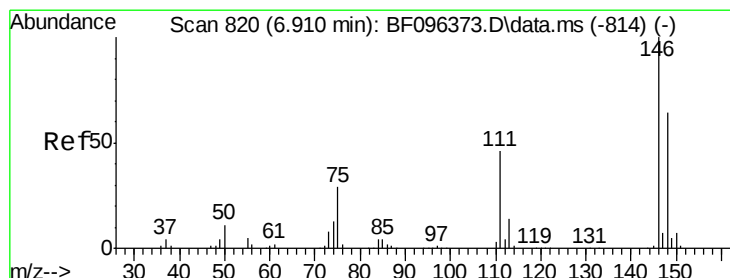
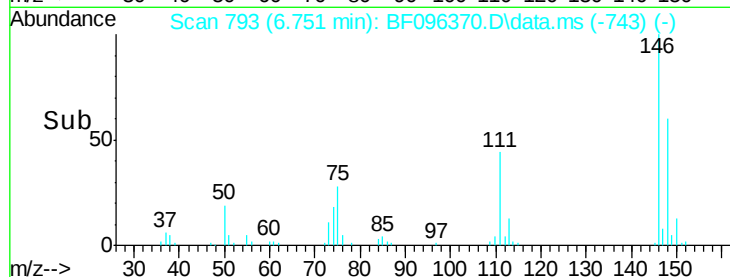
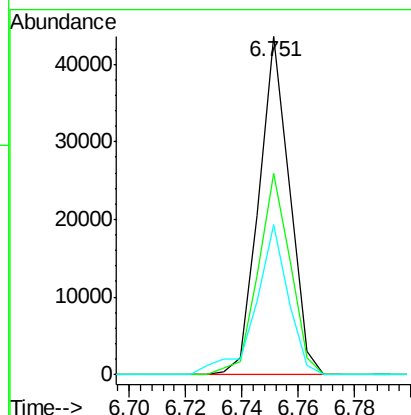
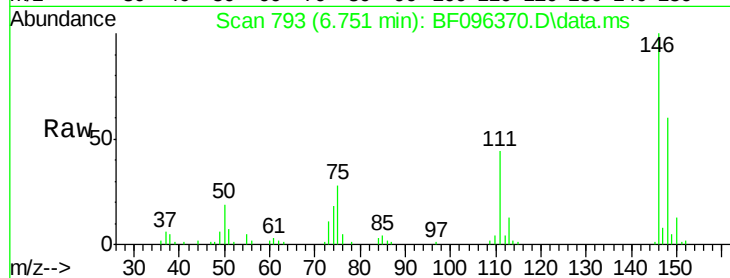
Tot Ion:146 Resp: 32802

Ion Ratio Lower Upper

146 100

148 59.7 52.2 78.2

111 44.4 30.3 45.5



#14

1,2-Dichlorobenzene

Concen: 3.06 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

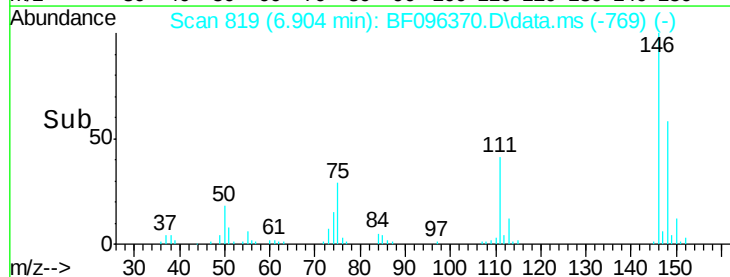
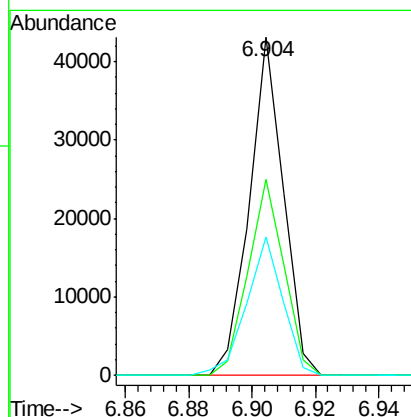
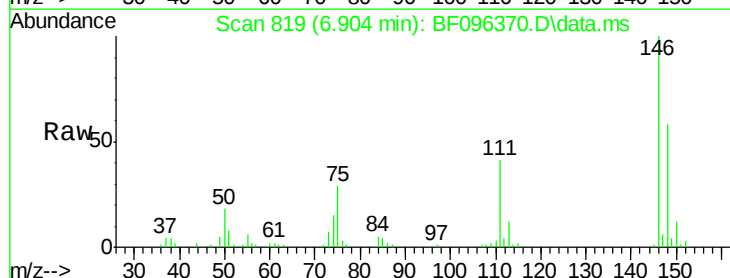
Tgt Ion:146 Resp: 32187

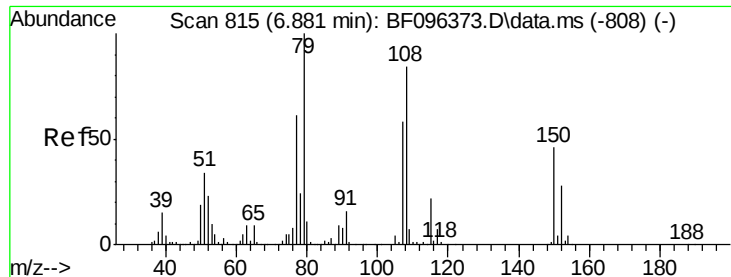
Ion Ratio Lower Upper

146 100

148 58.2 50.4 75.6

111 41.0 38.2 57.4





#15

Benzyl Alcohol

Concen: 2.80 ng

RT: 6.869 min Scan# 815

Delta R.T. -0.012 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

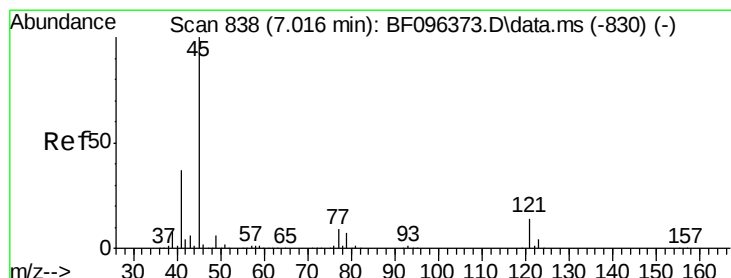
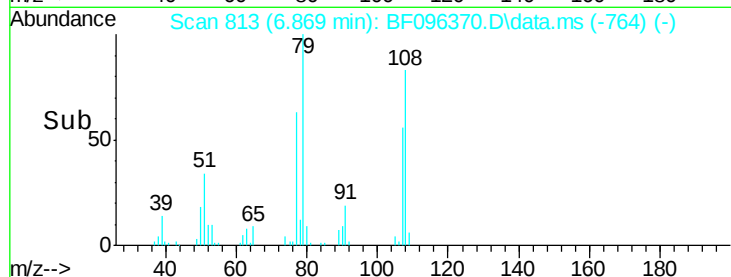
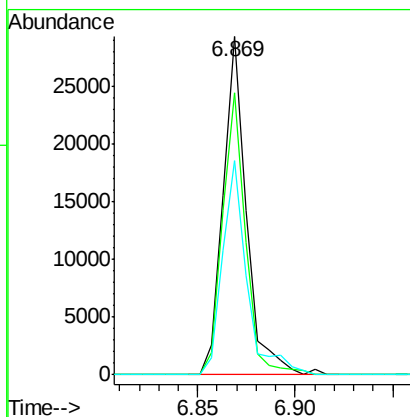
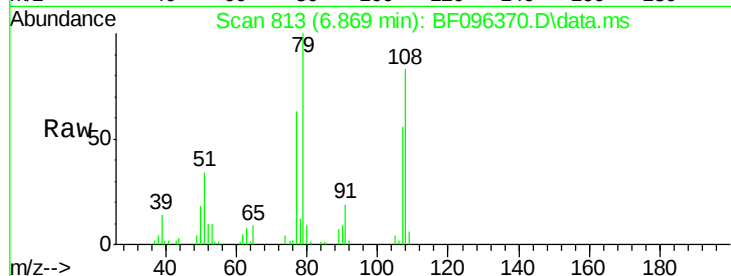
Tot Ion: 79 Resp: 24290

Ion Ratio Lower Upper

79 100

108 83.3 63.4 95.0

77 63.3 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 2.59 ng

RT: 7.016 min Scan# 838

Delta R.T. 0.000 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

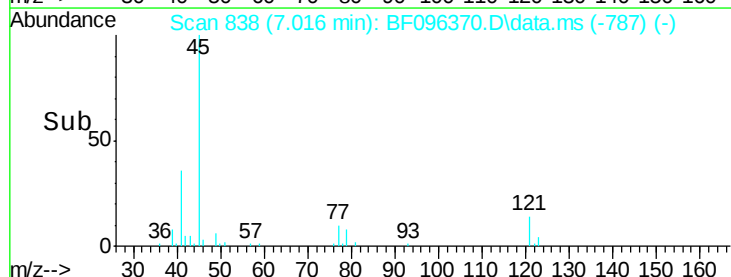
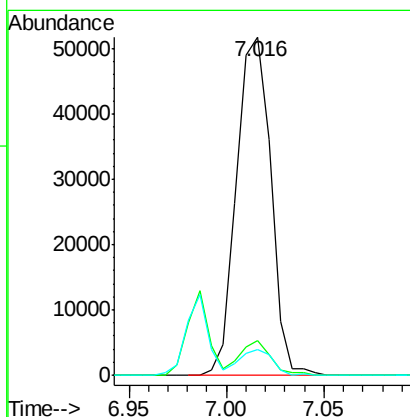
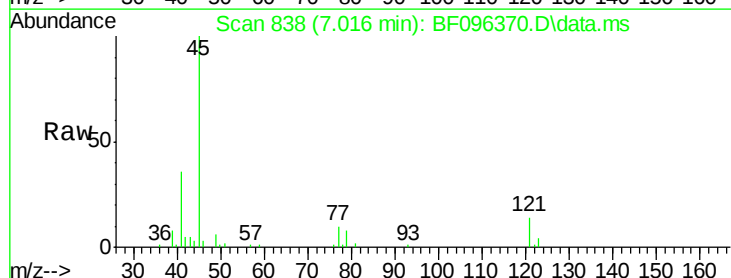
Tgt Ion: 45 Resp: 63254

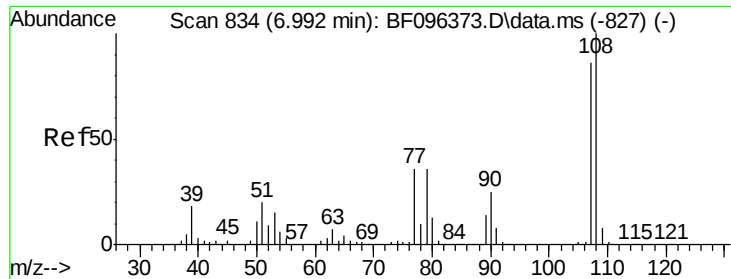
Ion Ratio Lower Upper

45 100

77 10.3 0.0 33.2

79 7.7 0.0 30.0

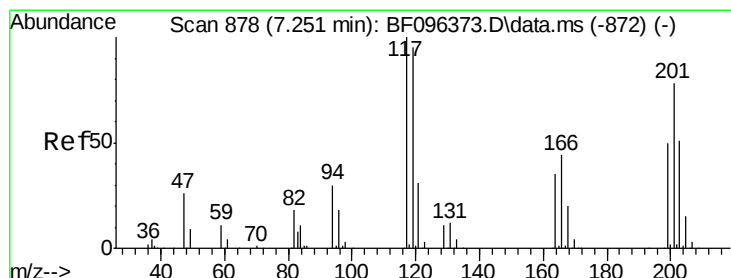
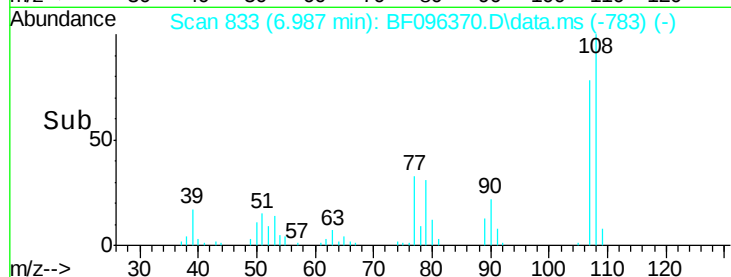
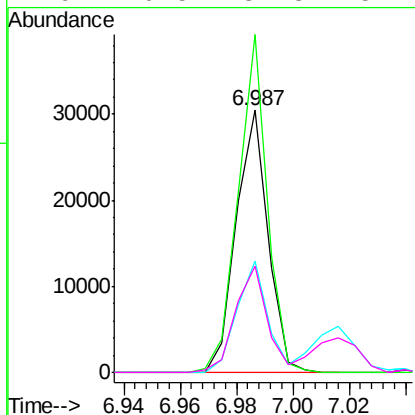
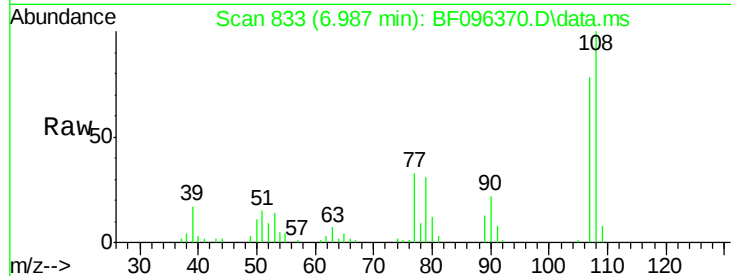




#17  
2-Methylphenol  
Concen: 2.63 ng  
RT: 6.987 min Scan# 83  
Delta R.T. -0.006 min  
Lab File: BF096370.D  
Acq: 1 Jul 2017 11:08

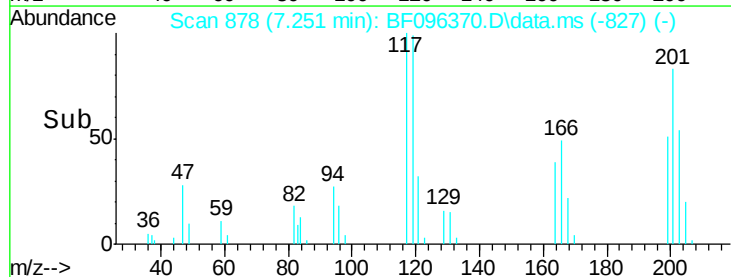
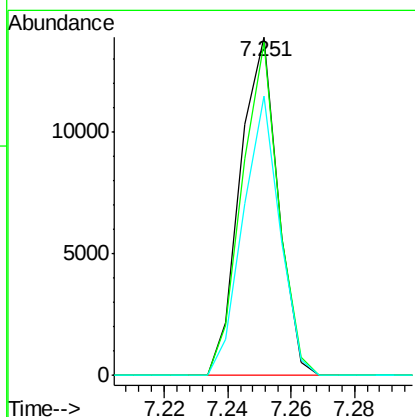
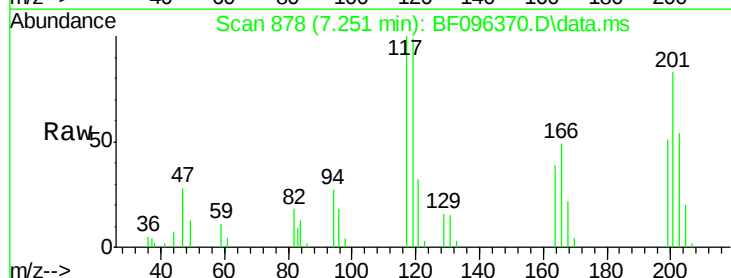
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

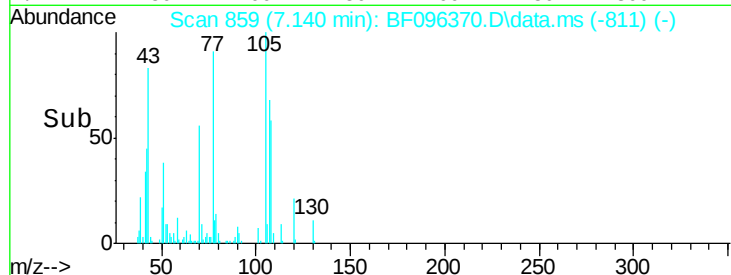
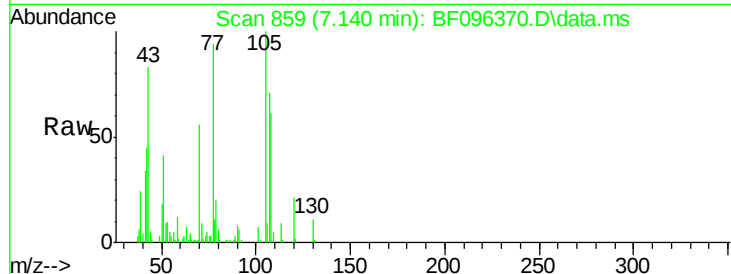
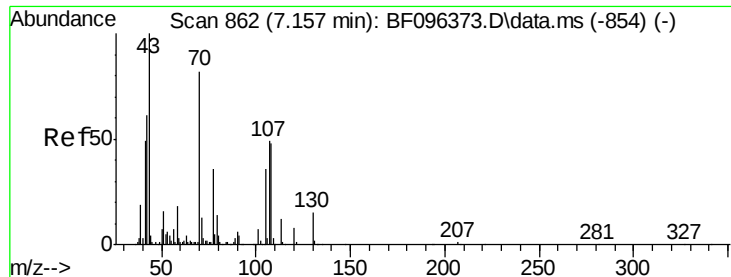
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 107   | Resp: | 23747 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 129.0 | 93.4  | 140.0 |
| 77       | 42.4  | 35.8  | 53.6  |
| 79       | 40.5  | 34.8  | 52.2  |



#18  
Hexachloroethane  
Concen: 2.76 ng  
RT: 7.251 min Scan# 878  
Delta R.T. 0.000 min  
Lab File: BF096370.D  
Acq: 1 Jul 2017 11:08

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 11490  |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 98.7  | 77.4  | 116.0  |
| 201      | 82.6  | 94.6  | 141.8# |

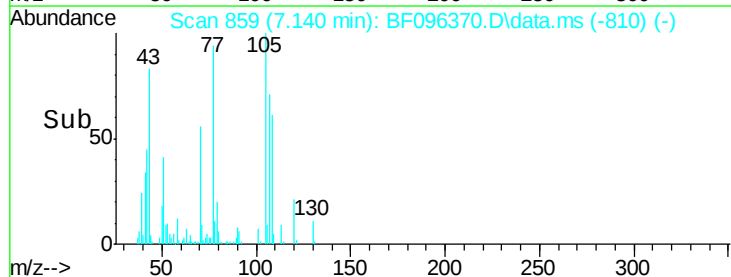
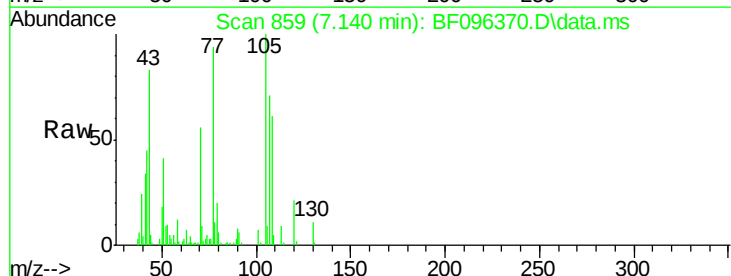
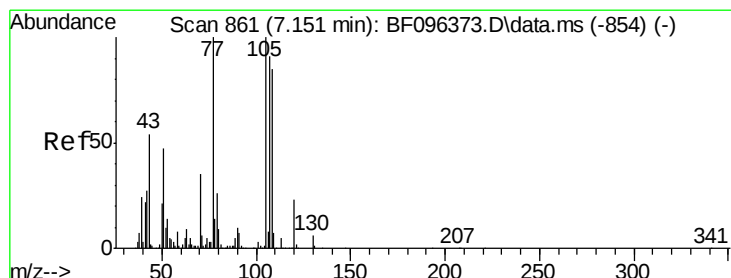
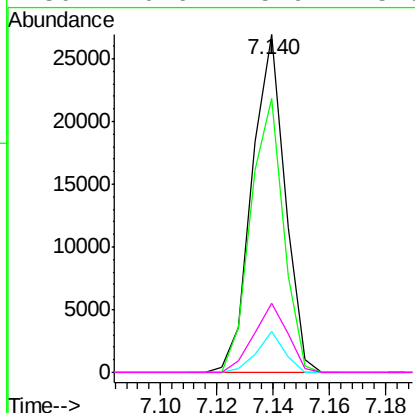




#19  
n-Nitroso-di-n-propylamine  
Concen: 2.84 ng  
RT: 7.140 min Scan# 85  
Delta R.T. -0.018 min  
Lab File: BF096370.D  
Acq: 1 Jul 2017 11:08

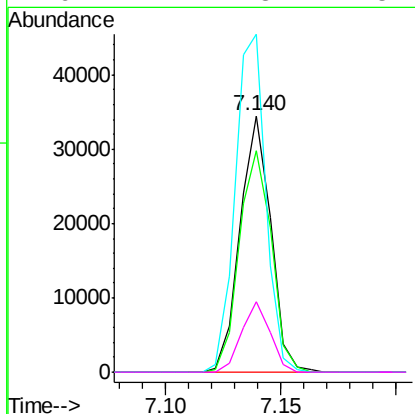
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

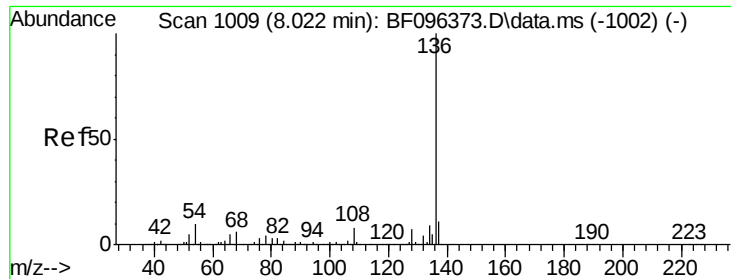
Tot Ion: 70 Resp: 21874  
Ion Ratio Lower Upper  
70 100  
42 81.2 47.2 70.8#  
101 12.3 7.2 10.8#  
130 20.6 15.9 23.9



#20  
3+4-Methylphenols  
Concen: 3.12 ng  
RT: 7.140 min Scan# 859  
Delta R.T. -0.012 min  
Lab File: BF096370.D  
Acq: 1 Jul 2017 11:08

Tgt Ion:107 Resp: 32195  
Ion Ratio Lower Upper  
107 100  
108 86.3 71.0 111.0  
77 131.7 90.5 130.5#  
79 27.4 8.4 48.4

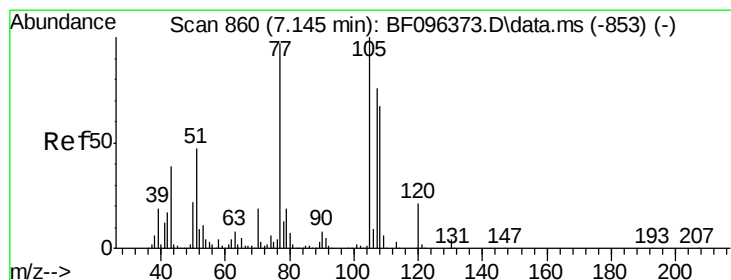
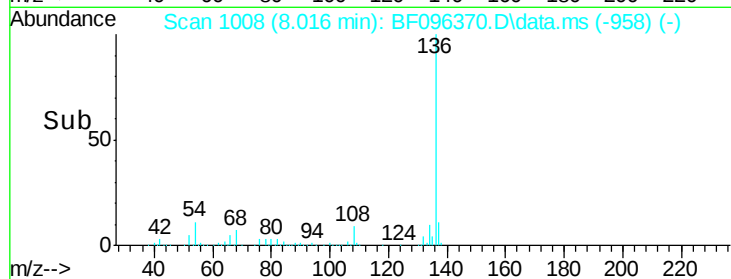
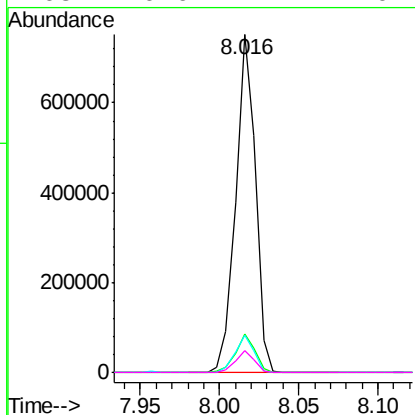
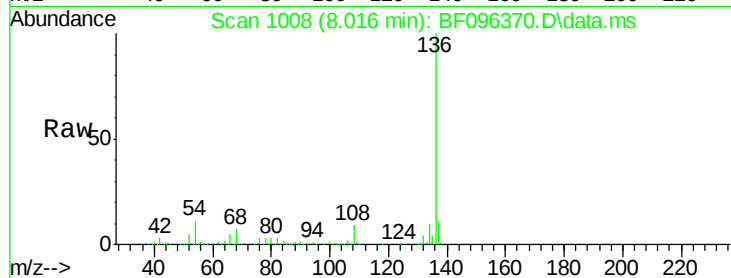




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.016 min Scan# 10  
Delta R.T. -0.006 min  
Lab File: BF096370.D  
Acq: 1 Jul 2017 11:08

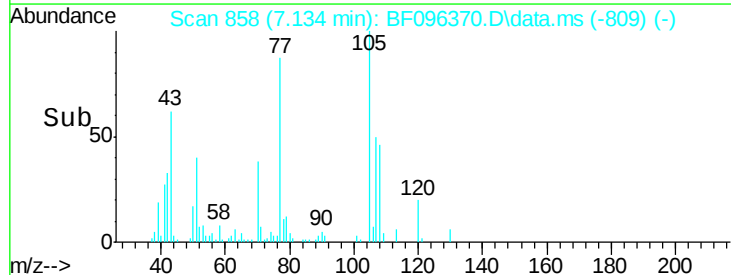
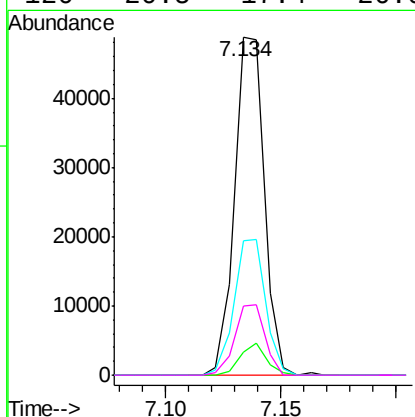
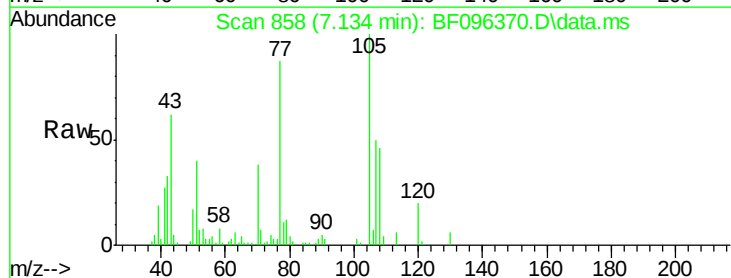
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

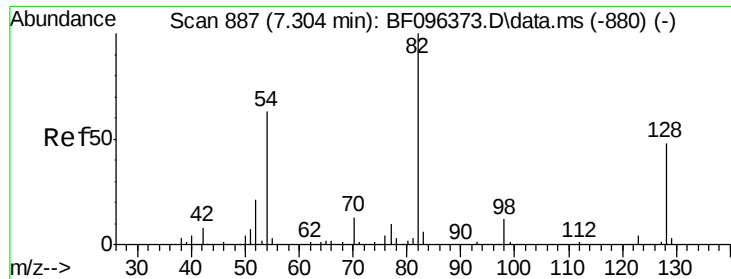
|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 649435   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.3  | 8.5 12.7 |
| 54          | 11.1  | 4.9 7.3# |
| 68          | 6.6   | 4.1 6.1# |



#22  
Acetophenone  
Concen: 3.26 ng  
RT: 7.134 min Scan# 858  
Delta R.T. -0.012 min  
Lab File: BF096370.D  
Acq: 1 Jul 2017 11:08

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 44026     |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 6.8   | 2.8 4.2#  |
| 51          | 40.0  | 30.7 46.1 |
| 120         | 20.5  | 17.4 26.0 |





#23

Nitrobenzene-d5

Concen: 6.33 ng

RT: 7.287 min Scan# 88

Delta R.T. -0.018 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

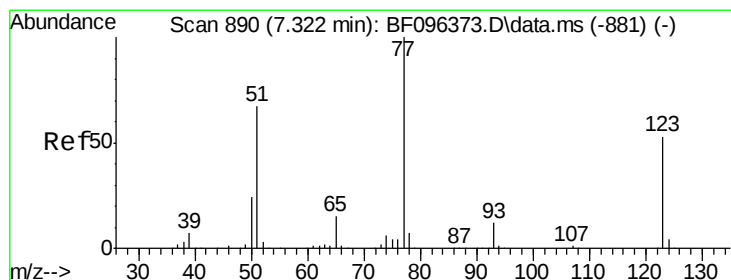
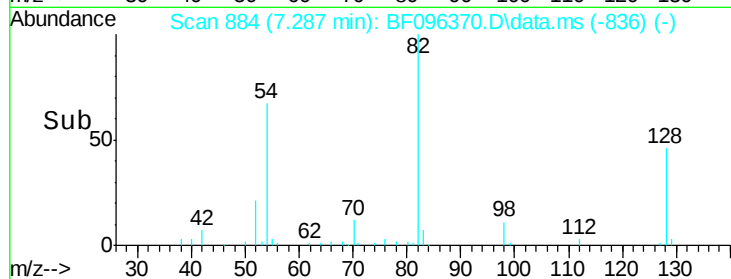
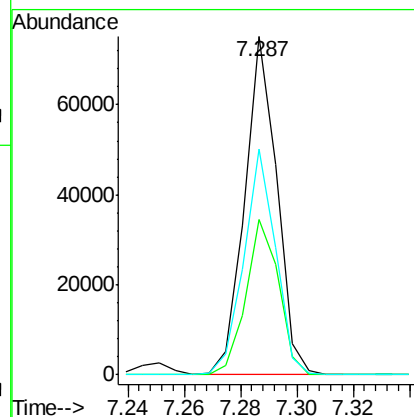
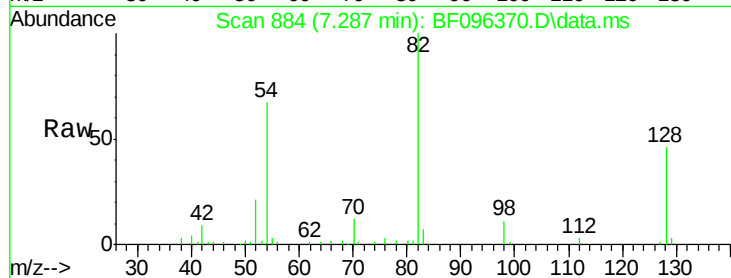
Tot Ion: 82 Resp: 59402

Ion Ratio Lower Upper

82 100

128 45.9 34.0 51.0

54 66.8 42.2 63.2#



#24

Nitrobenzene

Concen: 2.96 ng

RT: 7.304 min Scan# 887

Delta R.T. -0.018 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

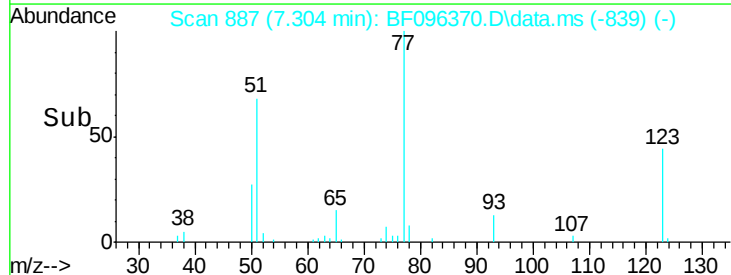
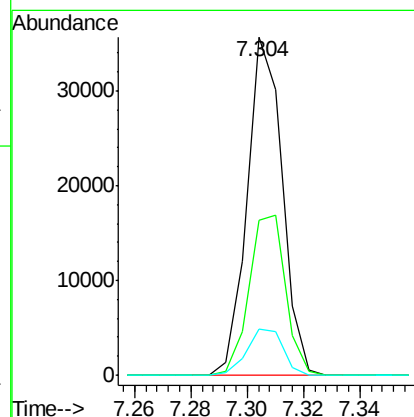
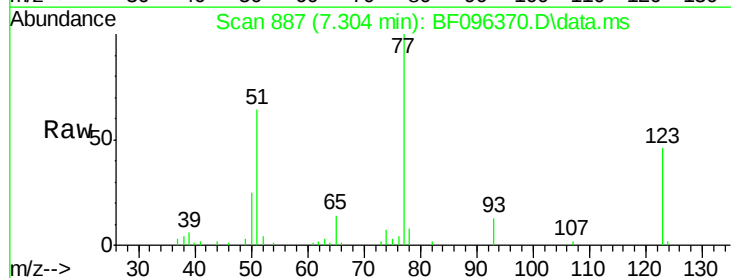
Tgt Ion: 77 Resp: 30735

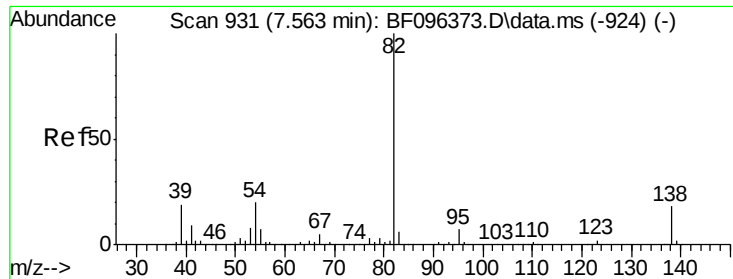
Ion Ratio Lower Upper

77 100

123 46.0 35.8 53.8

65 13.8 10.6 15.8





#25

Isophorone

Concen: 2.70 ng

RT: 7.551 min Scan# 92

Delta R.T. -0.012 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

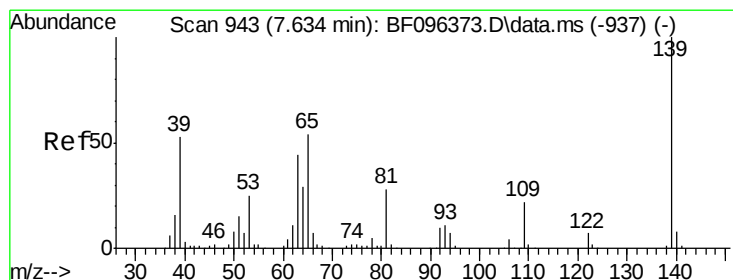
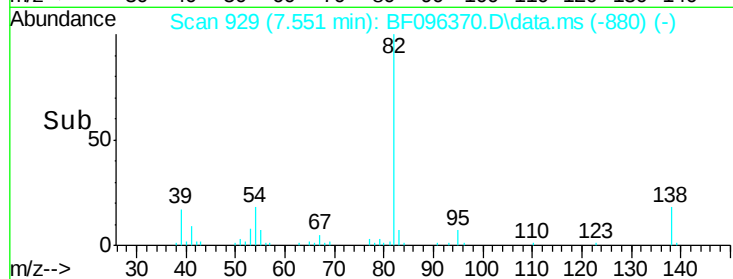
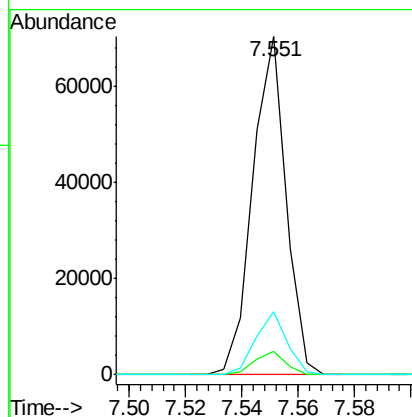
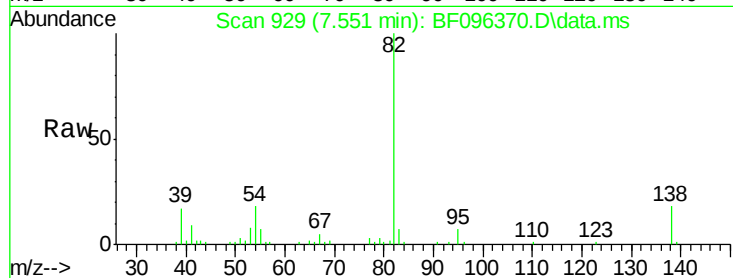
Tot Ion: 82 Resp: 57419

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 18.5 13.1 19.7



#26

2-Nitrophenol

Concen: 3.39 ng

RT: 7.628 min Scan# 942

Delta R.T. -0.006 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

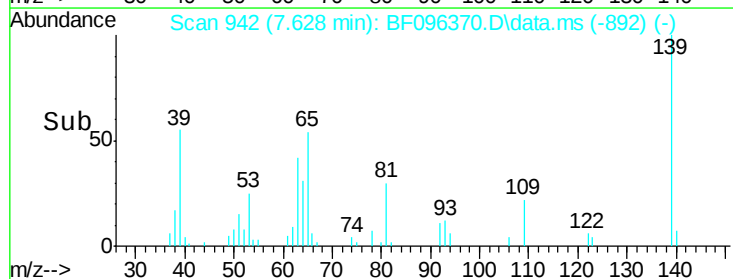
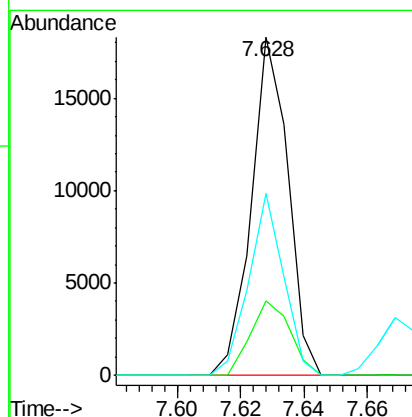
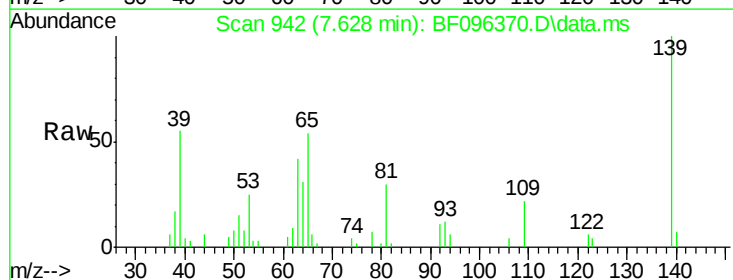
Tgt Ion: 139 Resp: 14695

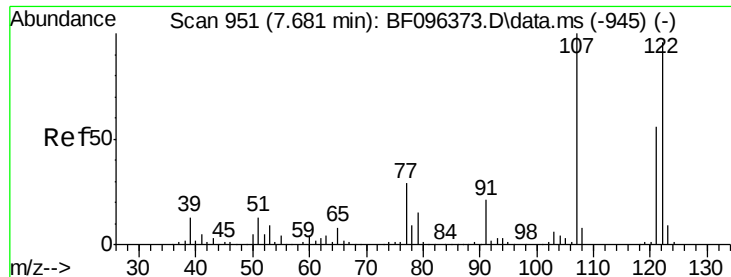
Ion Ratio Lower Upper

139 100

109 22.0 21.0 31.6

65 53.7 33.0 49.6#

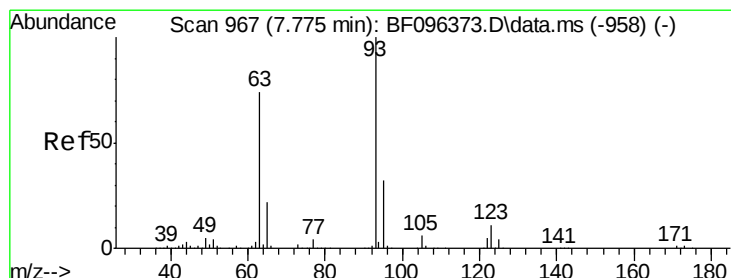
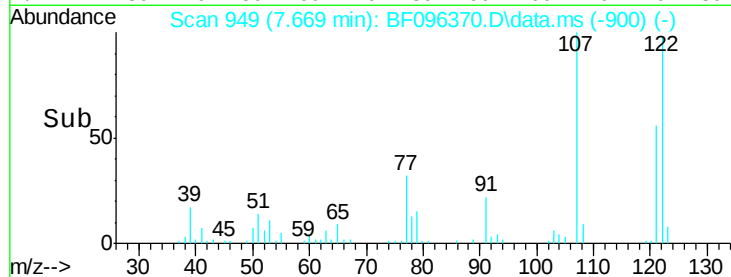
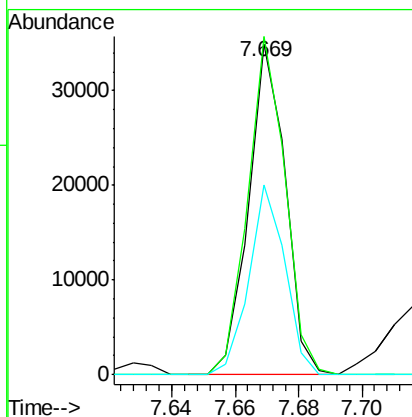
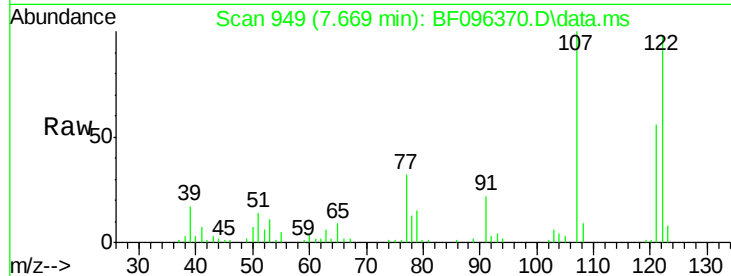




#27  
2,4-Dimethylphenol  
Concen: 2.92 ng  
RT: 7.669 min Scan# 941  
Delta R.T. -0.012 min  
Lab File: BF096370.D  
Acq: 1 Jul 2017 11:08

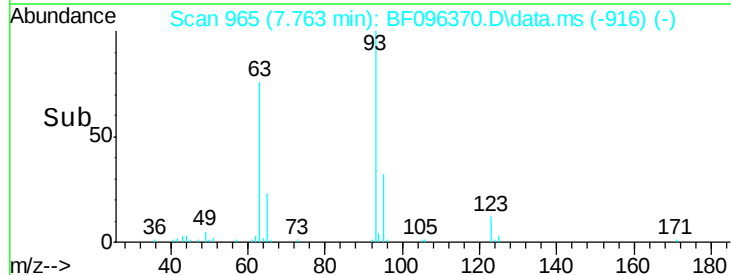
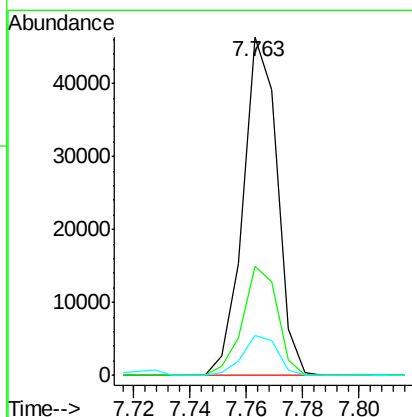
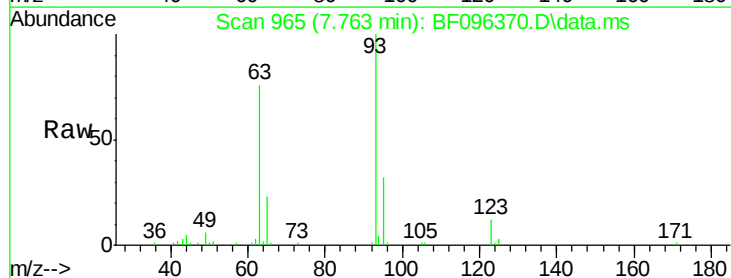
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

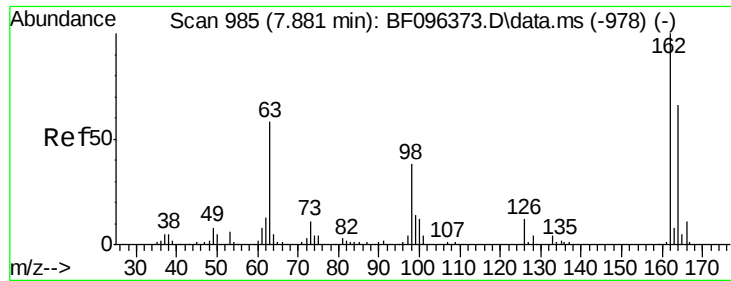
Tot Ion:122 Resp: 28093  
Ion Ratio Lower Upper  
122 100  
107 102.2 89.2 133.8  
121 57.4 45.2 67.8



#28  
bis(2-Chloroethoxy)methane  
Concen: 2.69 ng  
RT: 7.763 min Scan# 965  
Delta R.T. -0.012 min  
Lab File: BF096370.D  
Acq: 1 Jul 2017 11:08

Tgt Ion: 93 Resp: 38850  
Ion Ratio Lower Upper  
93 100  
95 32.3 26.5 39.7  
123 11.6 9.0 13.4

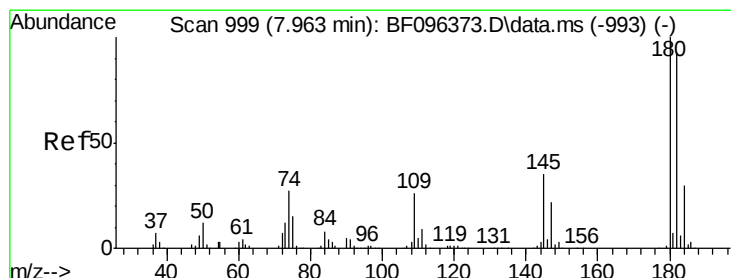
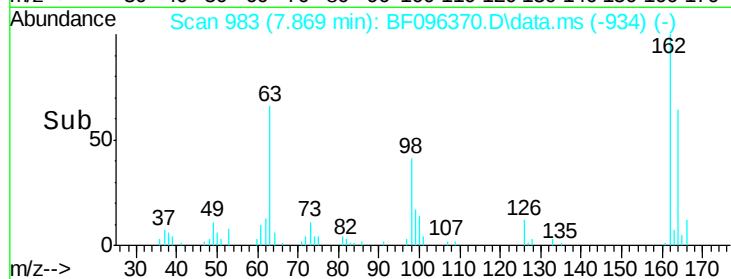
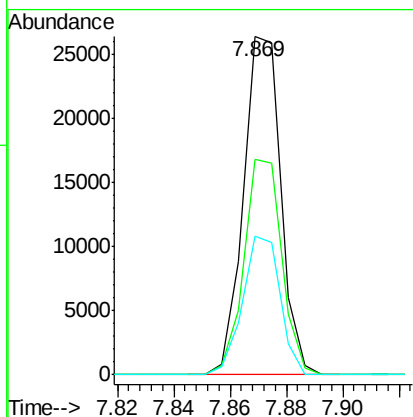
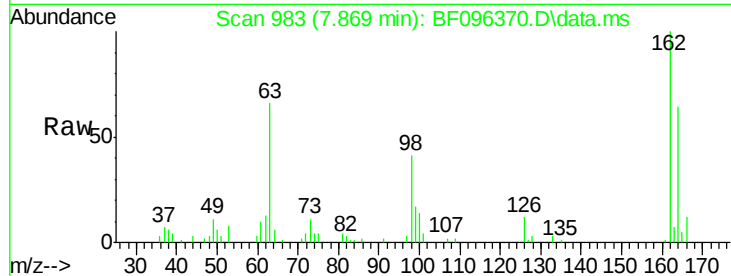




#29  
 2,4-Dichlorophenol  
 Concen: 2.95 ng  
 RT: 7.869 min Scan# 98  
 Delta R.T. -0.012 min  
 Lab File: BF096370.D  
 Acq: 1 Jul 2017 11:08

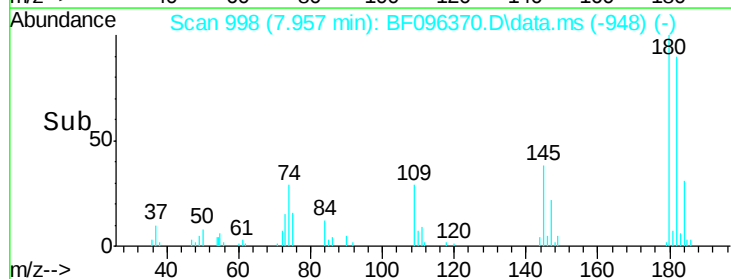
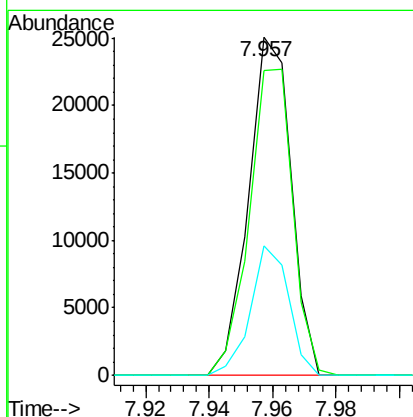
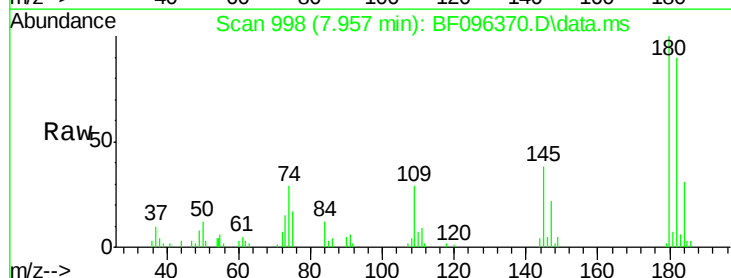
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

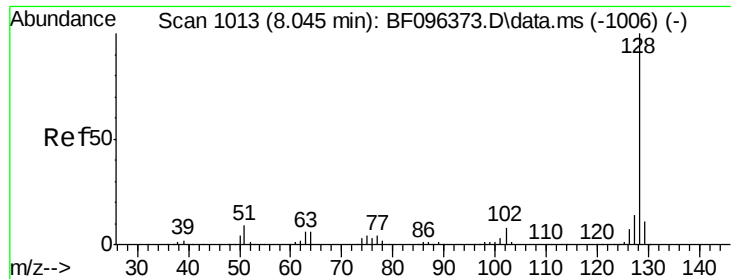
Tot Ion:162 Resp: 24224  
 Ion Ratio Lower Upper  
 162 100  
 164 63.5 44.6 84.6  
 98 41.0 14.8 54.8



#30  
 1,2,4-Trichlorobenzene  
 Concen: 2.87 ng  
 RT: 7.957 min Scan# 998  
 Delta R.T. -0.006 min  
 Lab File: BF096370.D  
 Acq: 1 Jul 2017 11:08

Tgt Ion:180 Resp: 23373  
 Ion Ratio Lower Upper  
 180 100  
 182 90.1 75.8 113.6  
 145 38.3 25.3 37.9#

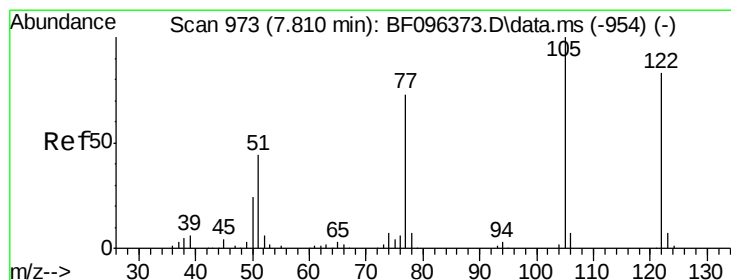
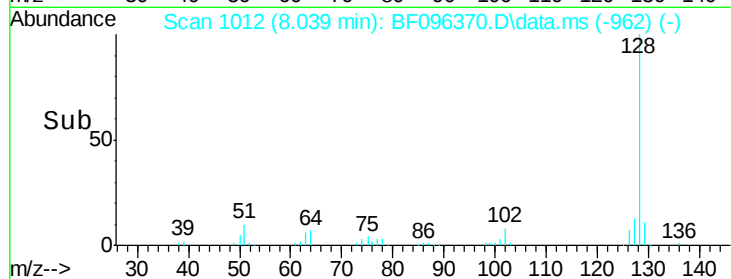
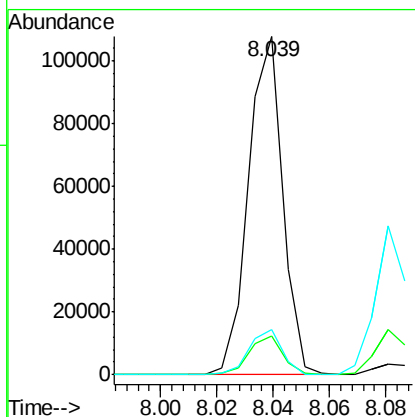
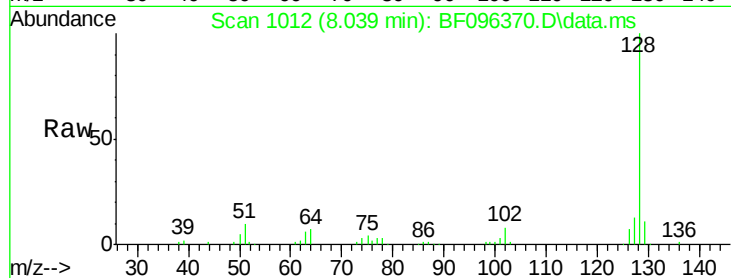




#31  
Naphthalene  
Concen: 2.89 ng  
RT: 8.039 min Scan# 1013  
Delta R.T. -0.006 min  
Lab File: BF096370.D  
Acq: 1 Jul 2017 11:08

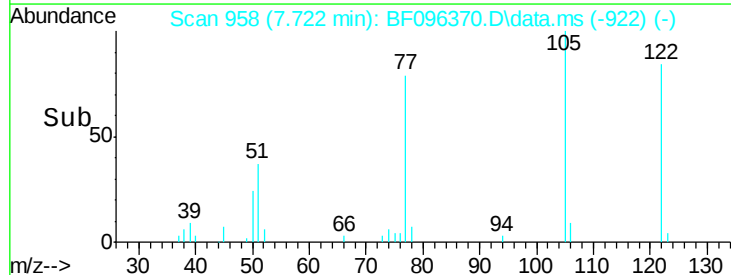
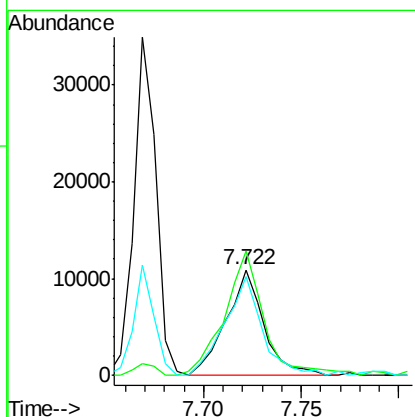
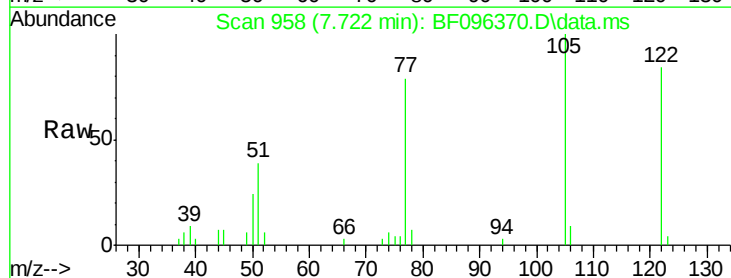
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

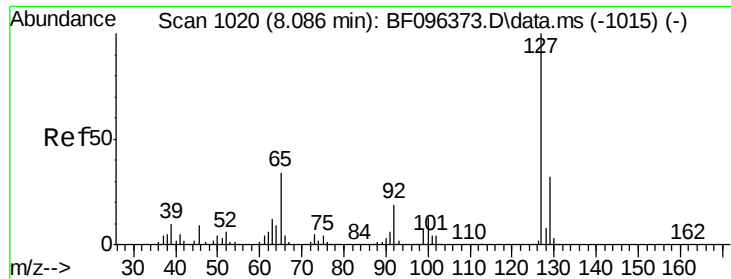
Tot Ion:128 Resp: 90496  
Ion Ratio Lower Upper  
128 100  
129 11.3 9.0 13.6  
127 13.4 10.8 16.2



#32  
Benzoic acid  
Concen: 2.47 ng  
RT: 7.722 min Scan# 958  
Delta R.T. -0.088 min  
Lab File: BF096370.D  
Acq: 1 Jul 2017 11:08

Tgt Ion:122 Resp: 14564  
Ion Ratio Lower Upper  
122 100  
105 118.6 103.3 143.3  
77 93.6 73.7 113.7

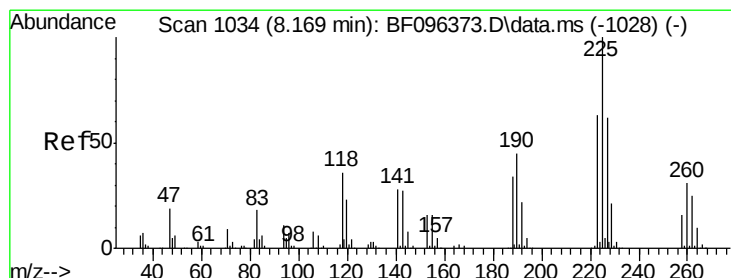
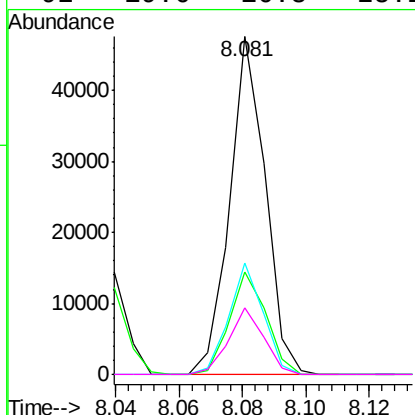
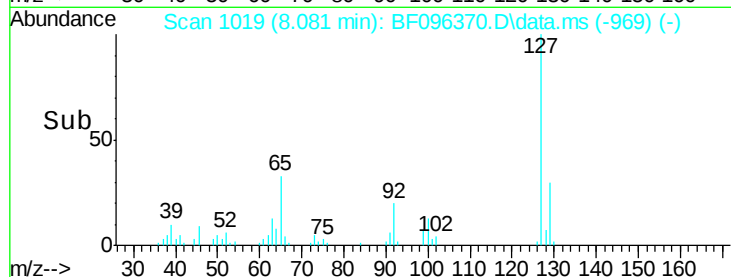
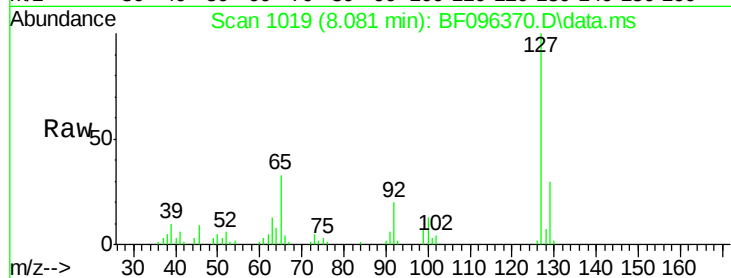




#33  
4-Chloroaniline  
Concen: 2.83 ng  
RT: 8.081 min Scan# 1019  
Delta R.T. -0.006 min  
Lab File: BF096370.D  
Acq: 1 Jul 2017 11:08

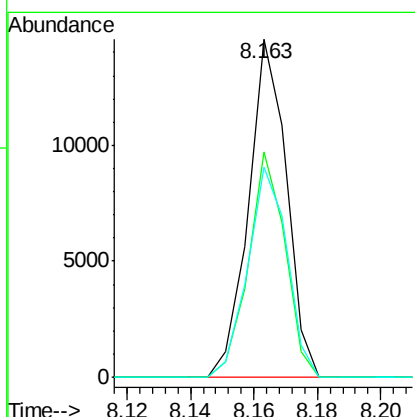
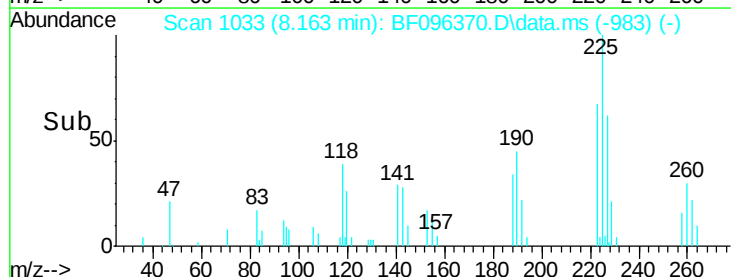
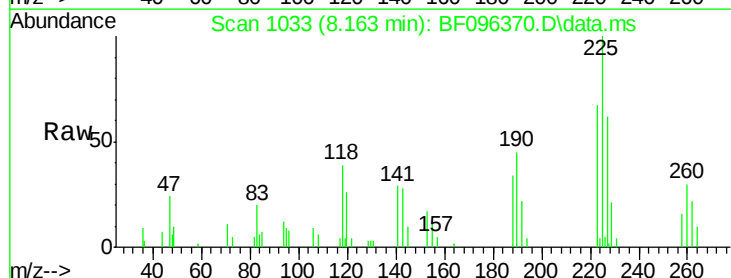
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

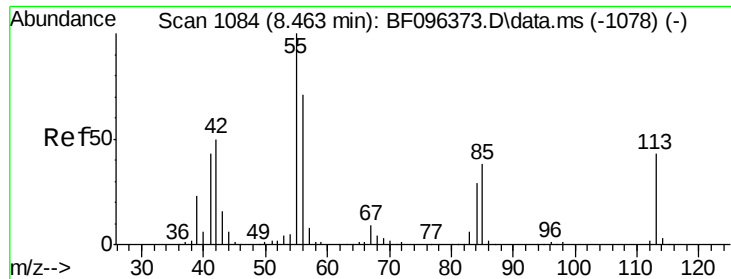
|           |      |       |       |
|-----------|------|-------|-------|
| Tot Ion:  | 127  | Resp: | 36625 |
| Ion Ratio |      | Lower | Upper |
| 127       | 100  |       |       |
| 129       | 30.5 | 26.2  | 39.2  |
| 65        | 33.1 | 27.8  | 41.8  |
| 92        | 19.6 | 16.8  | 25.2  |



#34  
Hexachlorobutadiene  
Concen: 2.98 ng  
RT: 8.163 min Scan# 1033  
Delta R.T. -0.006 min  
Lab File: BF096370.D  
Acq: 1 Jul 2017 11:08

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 225  | Resp: | 12067 |
| Ion Ratio |      | Lower | Upper |
| 225       | 100  |       |       |
| 223       | 66.5 | 48.8  | 73.2  |
| 227       | 62.1 | 51.1  | 76.7  |





#35

Caprolactam

Concen: 2.89 ng

RT: 8.398 min Scan# 10

Delta R.T. -0.065 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

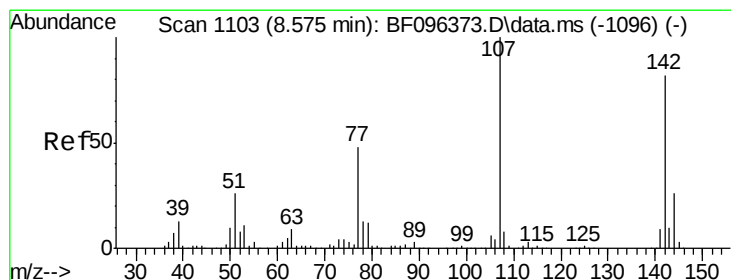
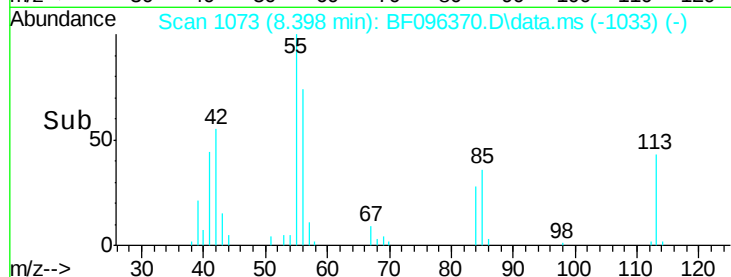
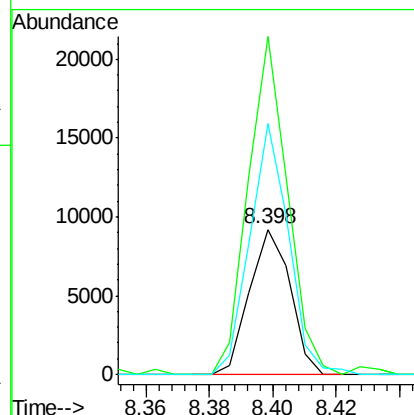
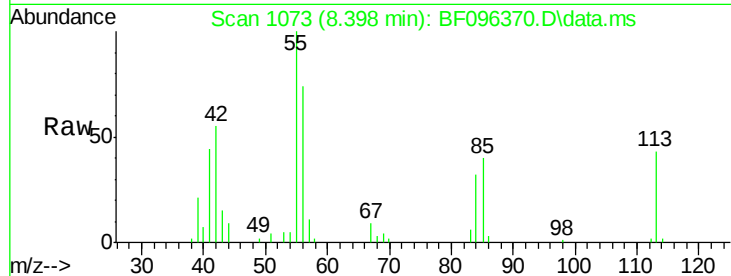
Tot Ion:113 Resp: 8214

Ion Ratio Lower Upper

113 100

55 232.9 150.2 190.2#

56 172.9 107.8 147.8#



#36

4-Chloro-3-methylphenol

Concen: 3.03 ng

RT: 8.563 min Scan# 1101

Delta R.T. -0.012 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

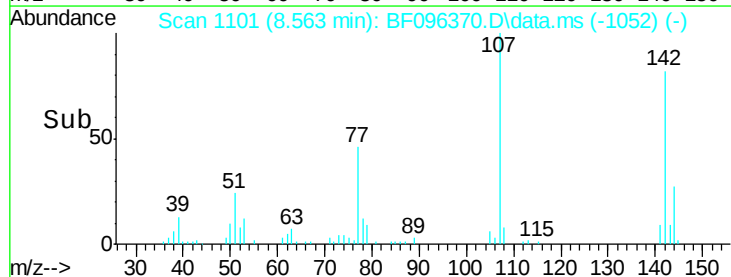
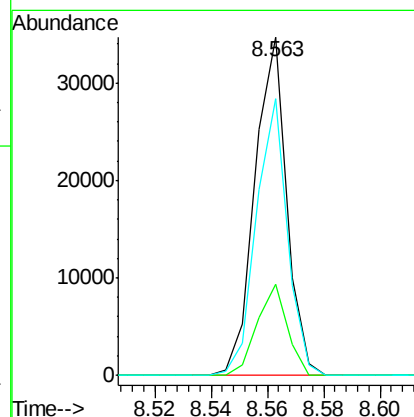
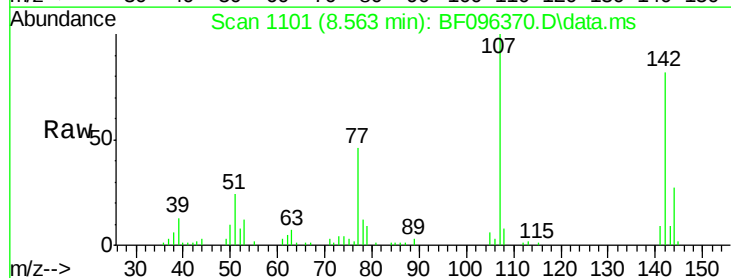
Tgt Ion:107 Resp: 27099

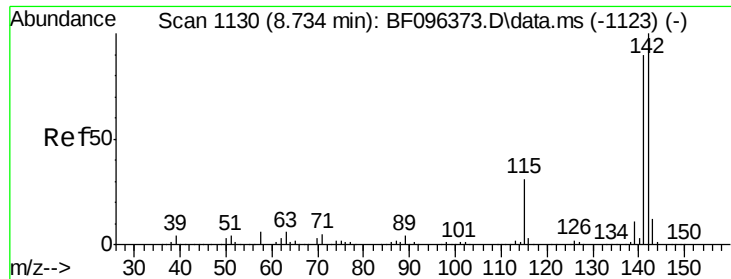
Ion Ratio Lower Upper

107 100

144 26.9 24.2 36.4

142 81.9 73.4 110.0

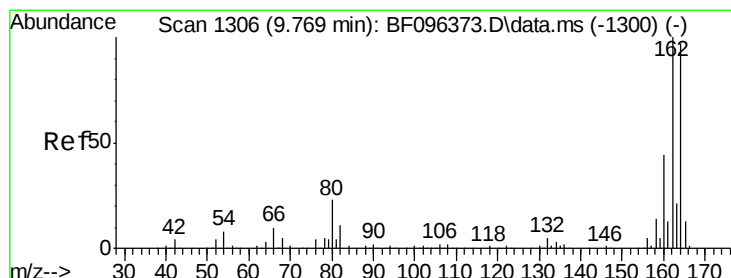
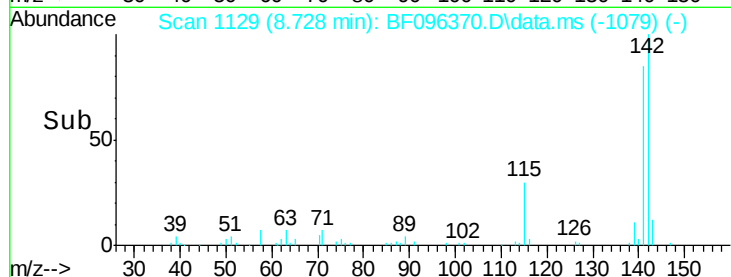
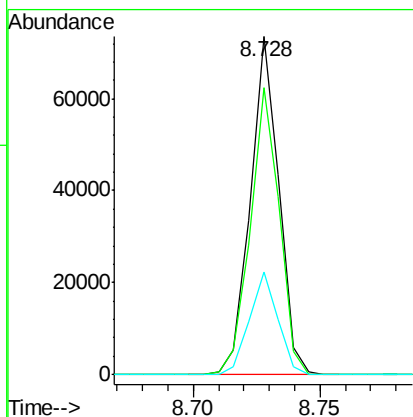
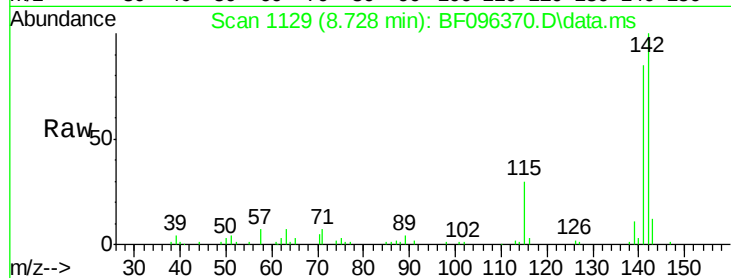




#37  
 2-Methylnaphthalene  
 Concen: 2.83 ng  
 RT: 8.728 min Scan# 111  
 Delta R.T. -0.006 min  
 Lab File: BF096370.D  
 Acq: 1 Jul 2017 11:08

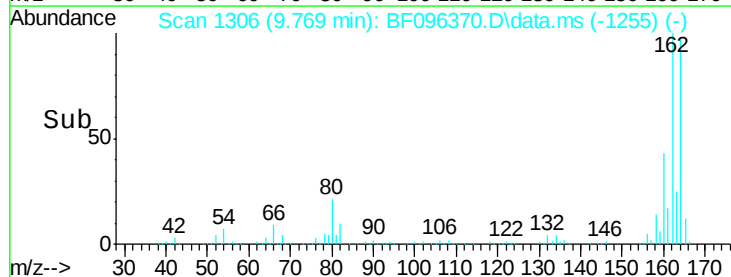
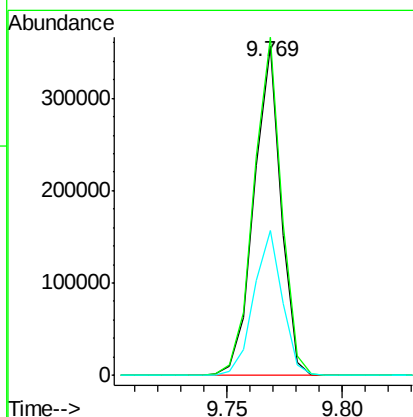
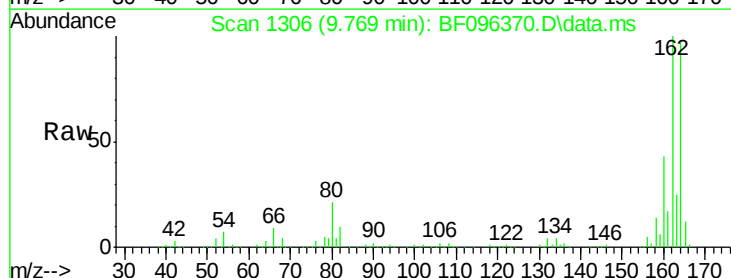
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

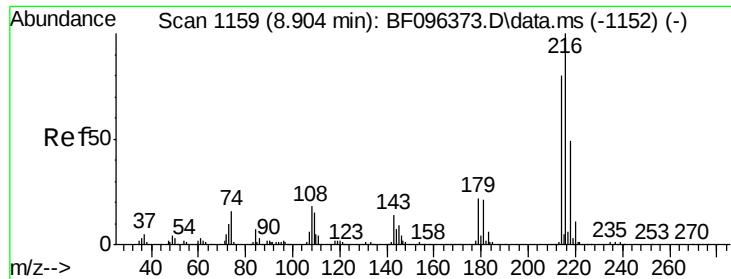
Tot Ion:142 Resp: 57444  
 Ion Ratio Lower Upper  
 142 100  
 141 84.8 71.3 106.9  
 115 30.2 27.1 40.7



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.769 min Scan# 1306  
 Delta R.T. 0.000 min  
 Lab File: BF096370.D  
 Acq: 1 Jul 2017 11:08

Tgt Ion:164 Resp: 290470  
 Ion Ratio Lower Upper  
 164 100  
 162 102.6 82.6 123.8  
 160 44.1 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 3.26 ng

RT: 8.898 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

Tot Ion:216 Resp: 22899

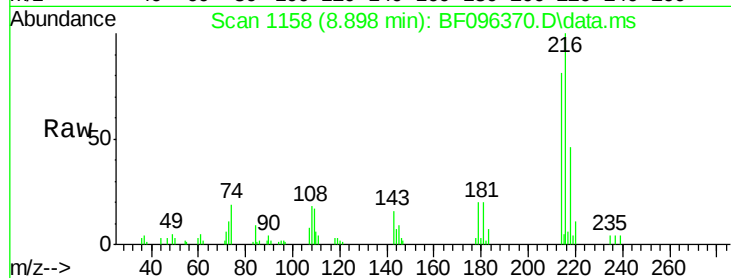
Ion Ratio Lower Upper

216 100

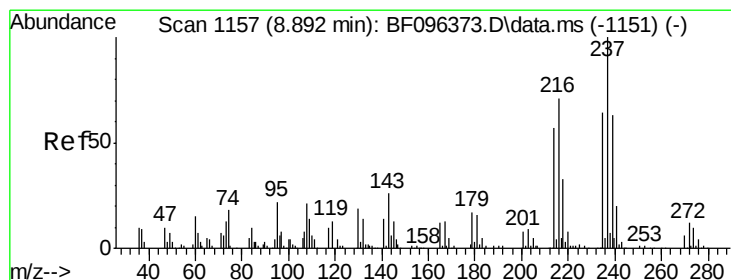
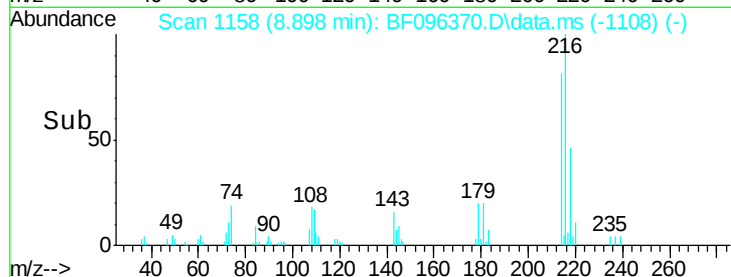
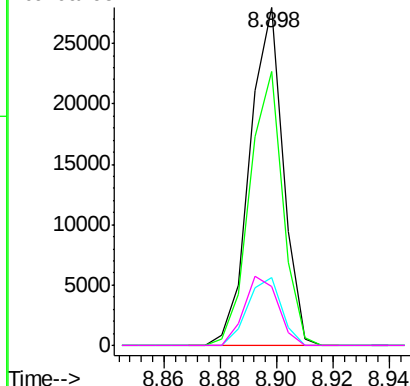
214 80.5 63.4 95.2

179 20.4 17.9 26.9

108 20.9 16.5 24.7



Abundance



#40

Hexachlorocyclopentadiene

Concen: 2.49 ng

RT: 8.886 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

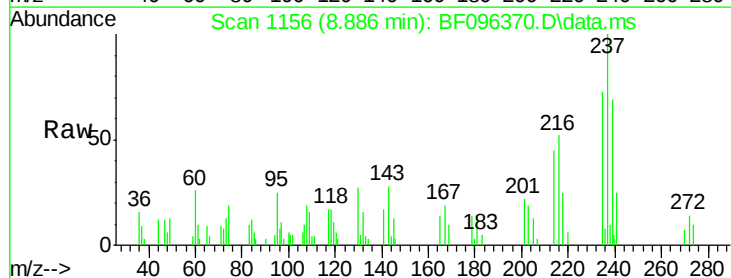
Tgt Ion:237 Resp: 7847

Ion Ratio Lower Upper

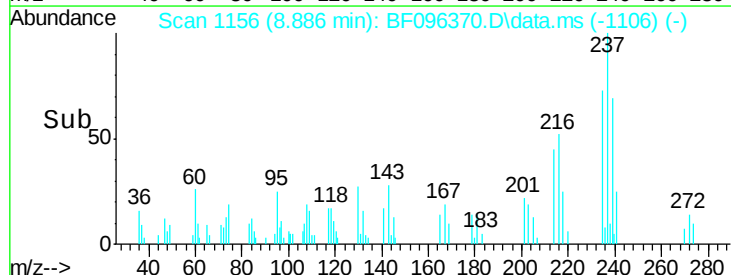
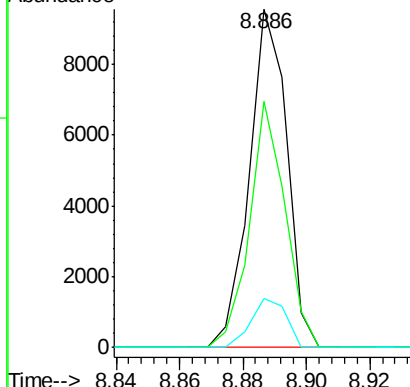
237 100

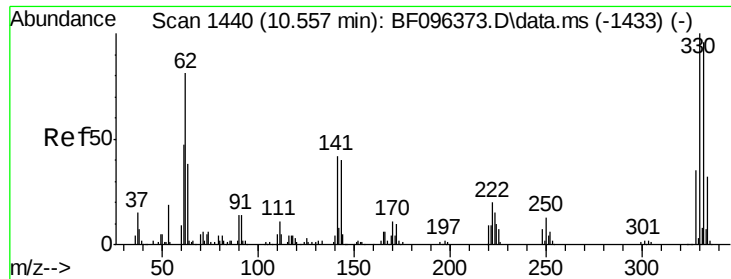
235 72.7 42.6 82.6

272 14.5 0.0 31.9



Abundance

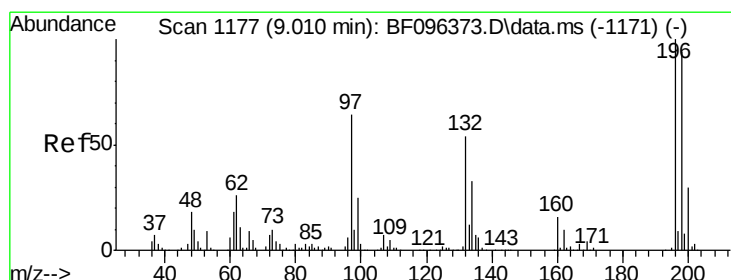
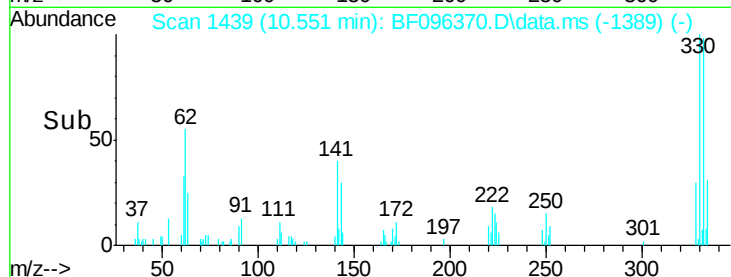
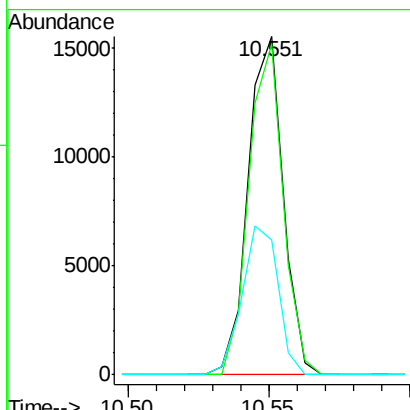
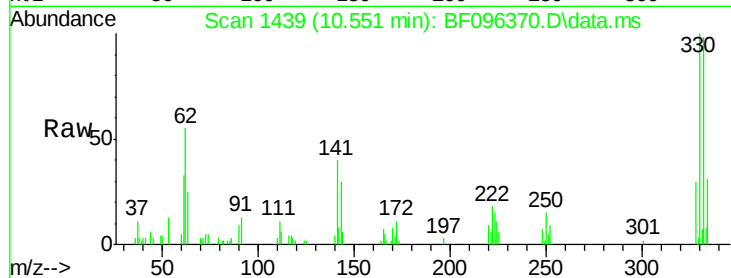




#41  
 2,4,6-Tribromophenol  
 Concen: 5.85 ng  
 RT: 10.551 min Scan# 1440  
 Delta R.T. -0.006 min  
 Lab File: BF096370.D  
 Acq: 1 Jul 2017 11:08

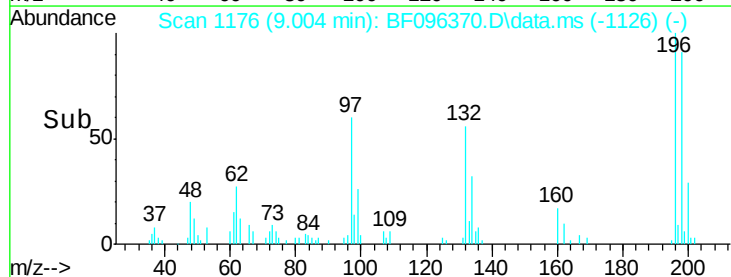
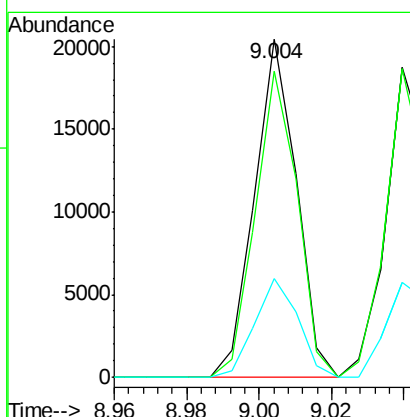
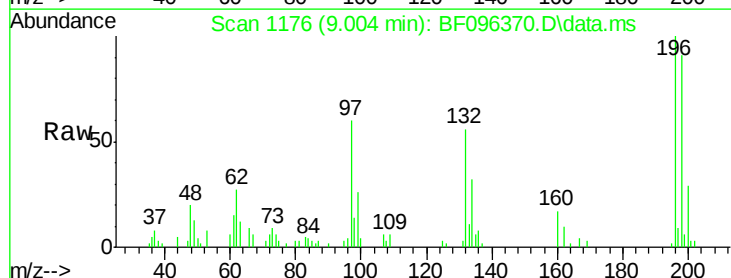
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

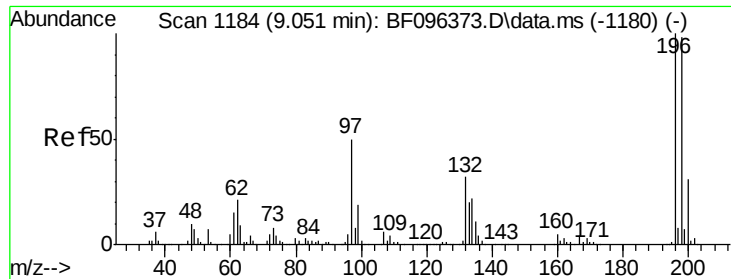
Tot Ion:330 Resp: 13369  
 Ion Ratio Lower Upper  
 330 100  
 332 95.2 76.6 115.0  
 141 45.2 31.4 47.2



#42  
 2,4,6-Trichlorophenol  
 Concen: 3.08 ng  
 RT: 9.004 min Scan# 1176  
 Delta R.T. -0.006 min  
 Lab File: BF096370.D  
 Acq: 1 Jul 2017 11:08

Tgt Ion:196 Resp: 16345  
 Ion Ratio Lower Upper  
 196 100  
 198 90.5 74.2 111.4  
 200 29.3 24.0 36.0

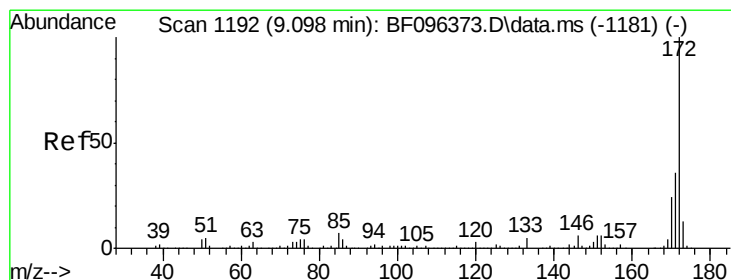
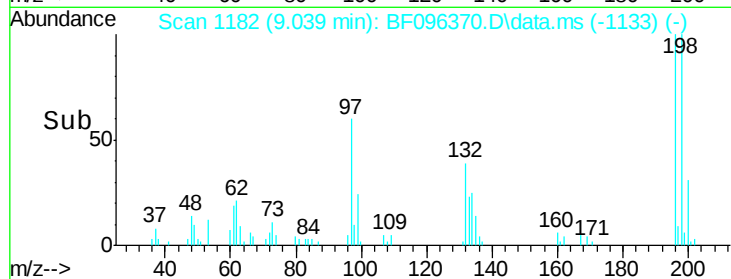
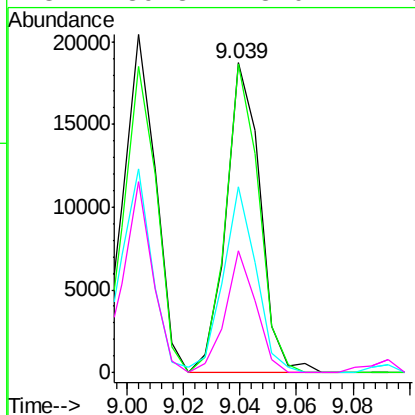
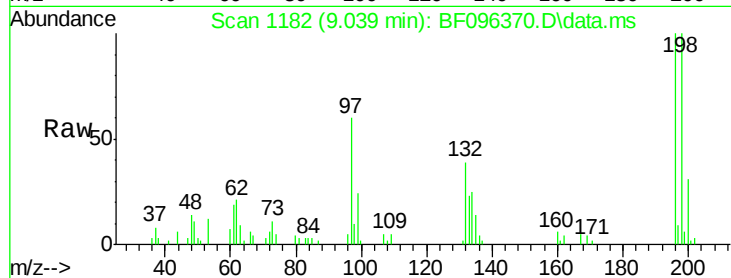




#43  
 2,4,5-Trichlorophenol  
 Concen: 2.82 ng  
 RT: 9.039 min Scan# 1184  
 Delta R.T. -0.012 min  
 Lab File: BF096370.D  
 Acq: 1 Jul 2017 11:08

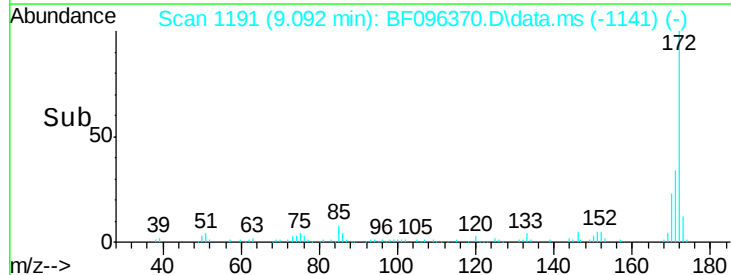
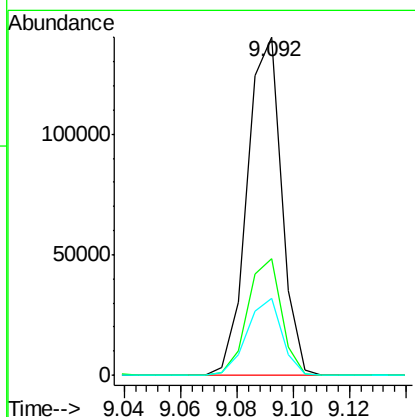
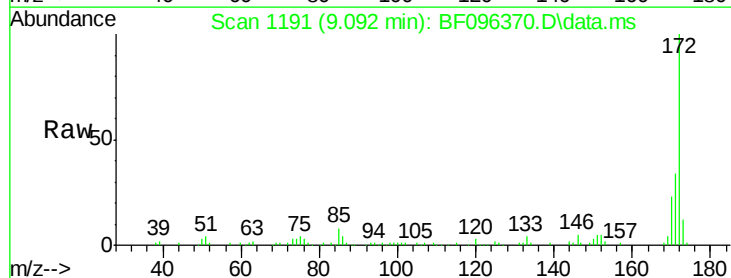
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

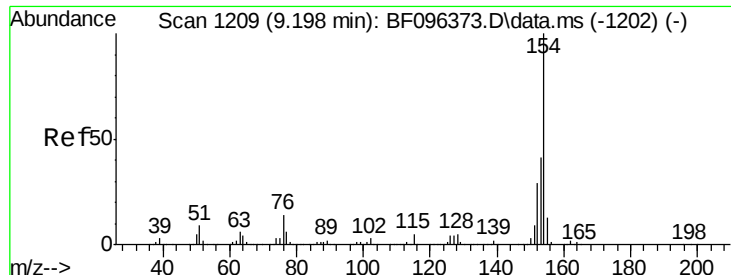
Tot Ion:196 Resp: 15744  
 Ion Ratio Lower Upper  
 196 100  
 198 99.7 75.7 113.5  
 97 59.9 47.7 71.5  
 132 39.3 28.0 42.0



#44  
 2-Fluorobiphenyl  
 Concen: 7.47 ng  
 RT: 9.092 min Scan# 1191  
 Delta R.T. -0.006 min  
 Lab File: BF096370.D  
 Acq: 1 Jul 2017 11:08

Tgt Ion:172 Resp: 118404  
 Ion Ratio Lower Upper  
 172 100  
 171 34.5 29.6 44.4  
 170 22.8 19.8 29.8

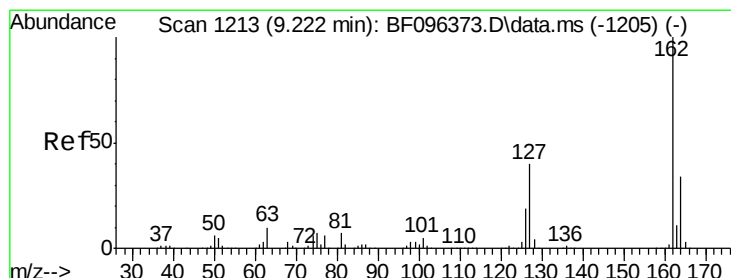
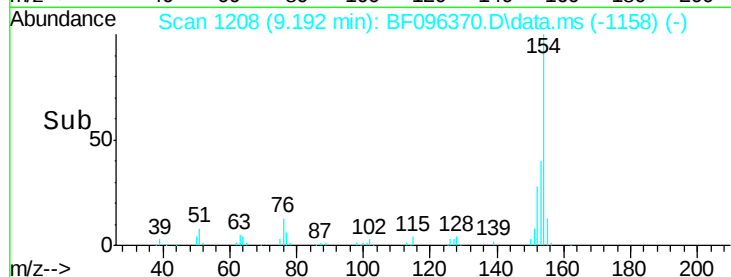
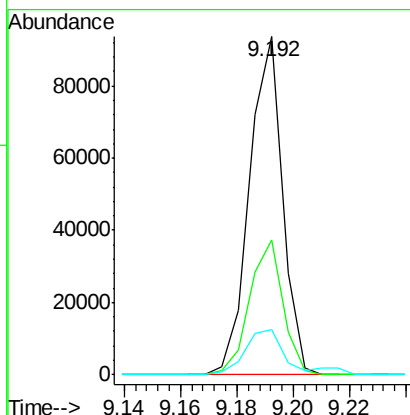
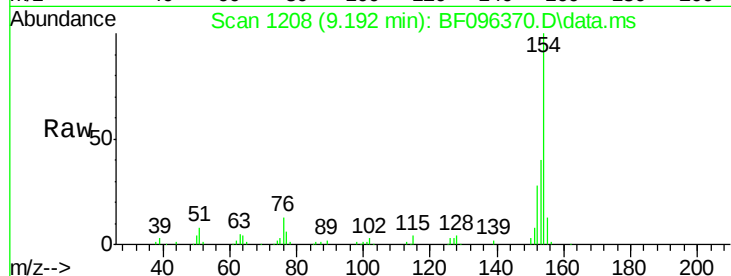




#45  
 1,1'-Biphenyl  
 Concen: 3.42 ng  
 RT: 9.192 min Scan# 1209  
 Delta R.T. -0.006 min  
 Lab File: BF096370.D  
 Acq: 1 Jul 2017 11:08

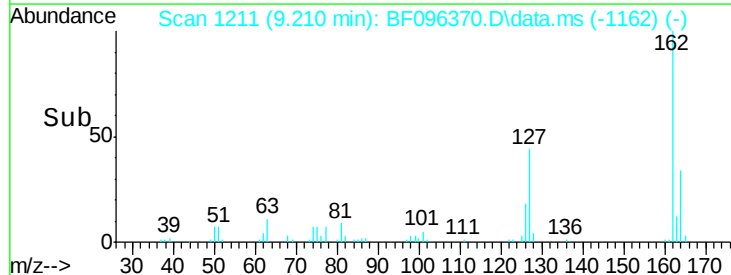
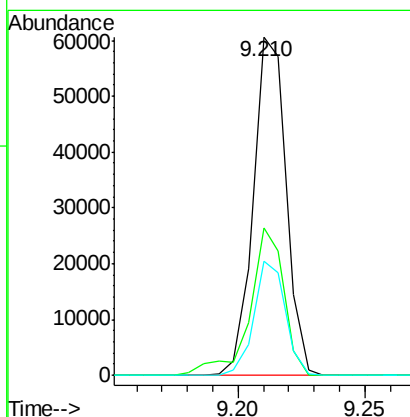
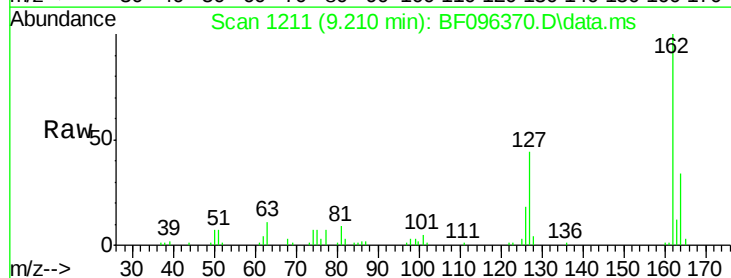
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

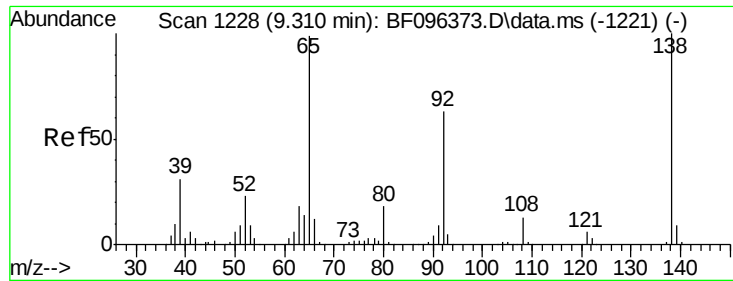
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 39.8  | 21.2  | 61.2  |
| 76      | 13.3  | 0.0   | 29.9  |



#46  
 2-Chloronaphthalene  
 Concen: 2.97 ng  
 RT: 9.210 min Scan# 1211  
 Delta R.T. -0.012 min  
 Lab File: BF096370.D  
 Acq: 1 Jul 2017 11:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 43.7  | 28.3  | 42.5# |
| 164     | 33.9  | 27.0  | 40.4  |

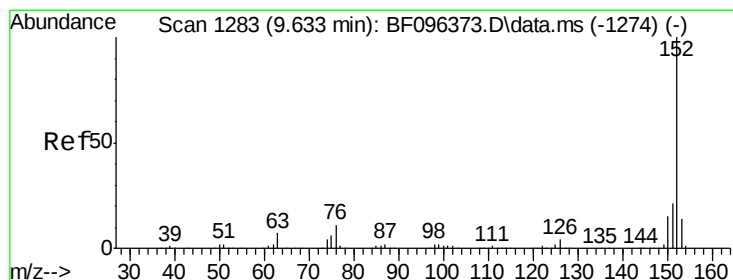
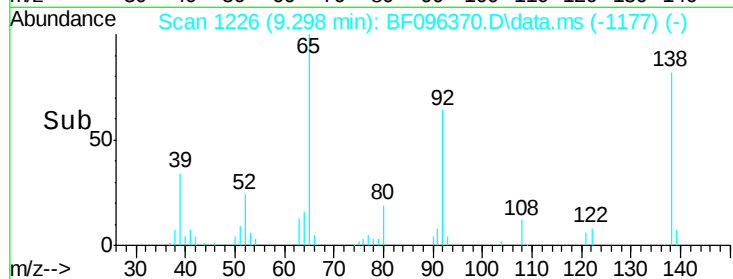
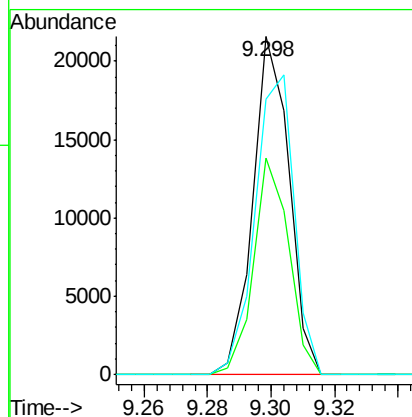
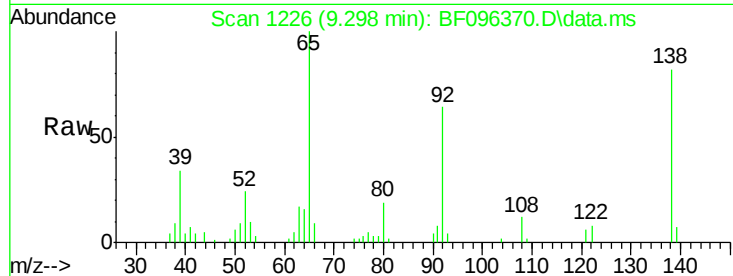




#47  
2-Nitroaniline  
Concen: 2.93 ng  
RT: 9.298 min Scan# 1226  
Delta R.T. -0.012 min  
Lab File: BF096370.D  
Acq: 1 Jul 2017 11:08

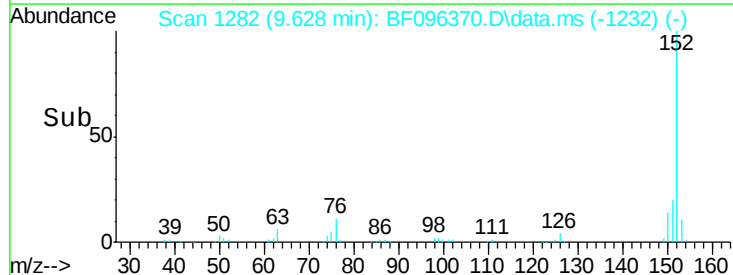
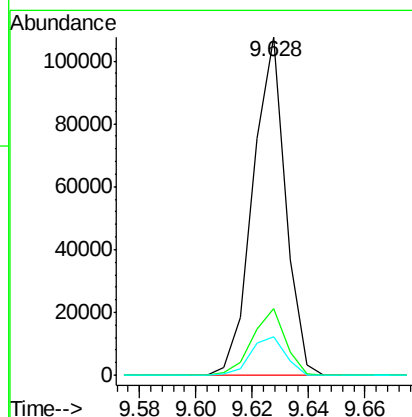
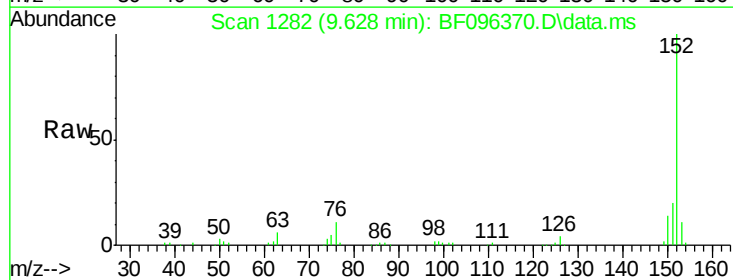
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC2.5

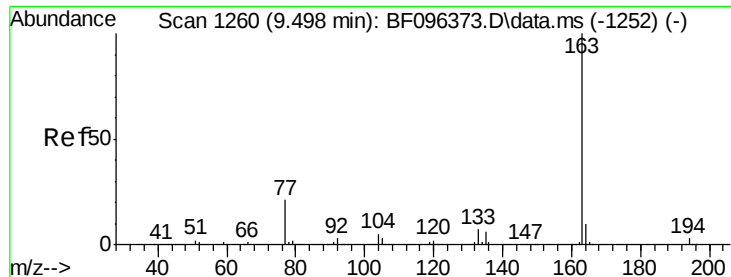
Tot Ion: 65 Resp: 17123  
Ion Ratio Lower Upper  
65 100  
92 64.0 53.9 80.9  
138 81.6 78.8 118.2



#48  
Acenaphthylene  
Concen: 2.80 ng  
RT: 9.628 min Scan# 1282  
Delta R.T. -0.006 min  
Lab File: BF096370.D  
Acq: 1 Jul 2017 11:08

Tgt Ion: 152 Resp: 86031  
Ion Ratio Lower Upper  
152 100  
151 19.6 16.8 25.2  
153 11.5 10.8 16.2





#49

Dimethylphthalate

Concen: 3.06 ng

RT: 9.486 min Scan# 12

Delta R.T. -0.012 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

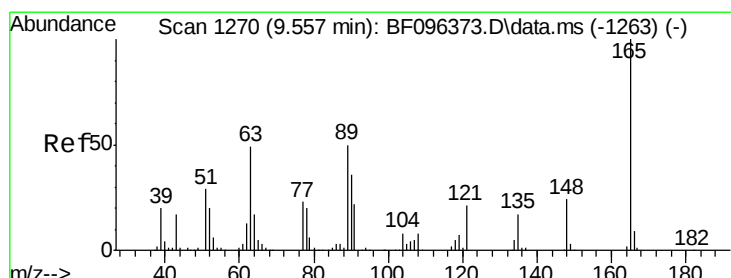
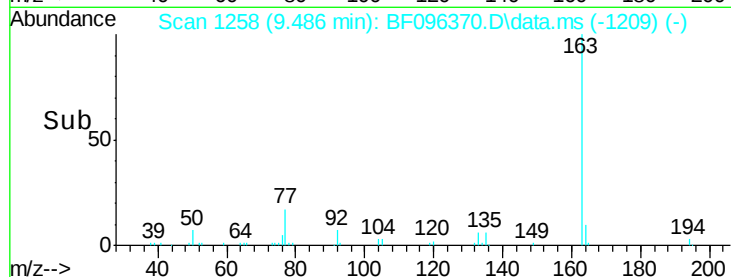
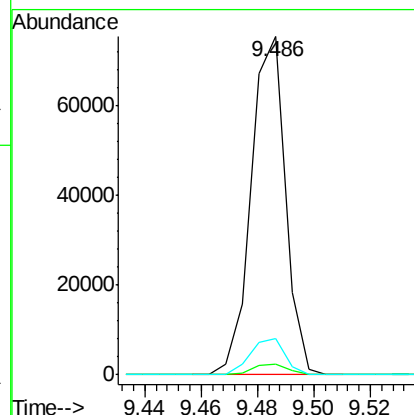
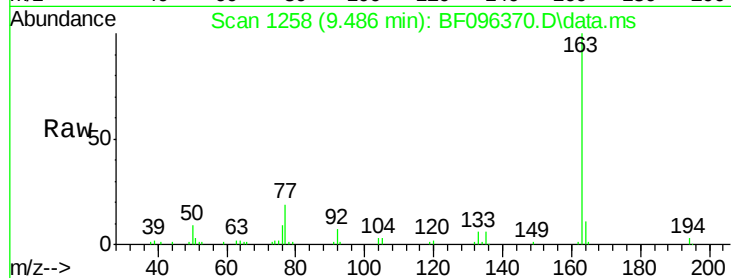
Tot Ion:163 Resp: 63639

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

164 10.8 8.4 12.6



#50

2,6-Dinitrotoluene

Concen: 2.86 ng

RT: 9.545 min Scan# 1268

Delta R.T. -0.012 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

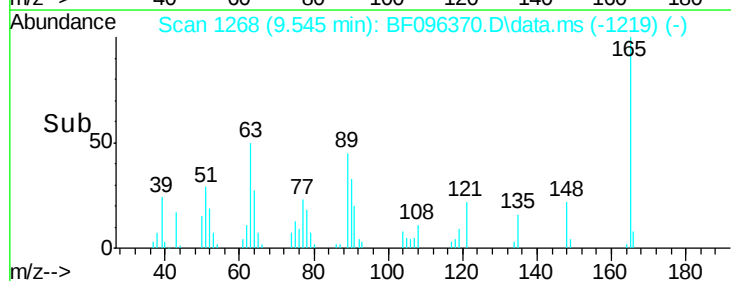
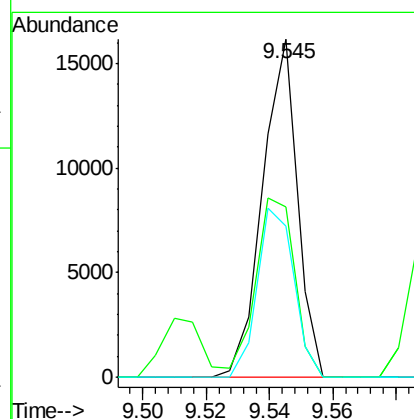
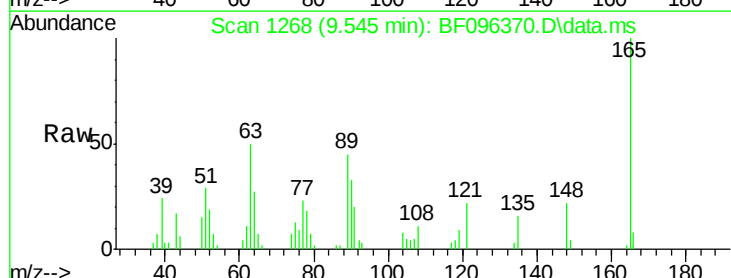
Tgt Ion:165 Resp: 12373

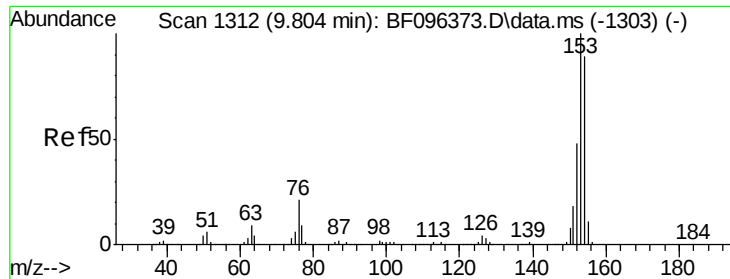
Ion Ratio Lower Upper

165 100

63 50.5 34.3 51.5

89 44.6 37.1 55.7





#51

Acenaphthene

Concen: 2.97 ng

RT: 9.798 min Scan# 1312

Delta R.T. -0.006 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

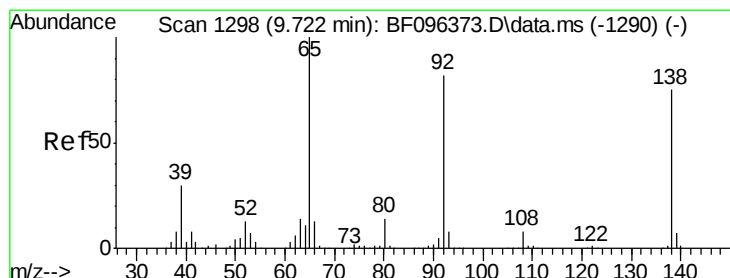
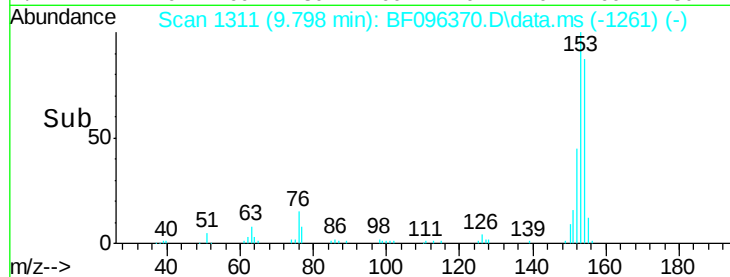
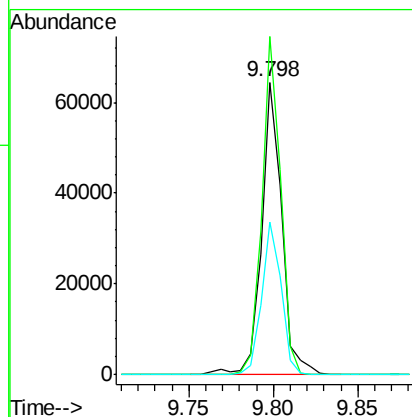
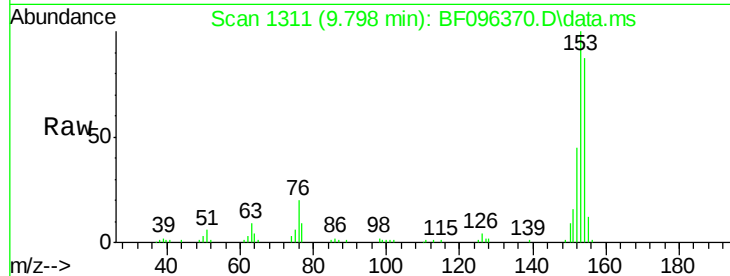
Tot Ion:154 Resp: 53693

Ion Ratio Lower Upper

154 100

153 115.6 90.5 135.7

152 52.3 43.6 65.4



#52

3-Nitroaniline

Concen: 2.90 ng

RT: 9.704 min Scan# 1295

Delta R.T. -0.018 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

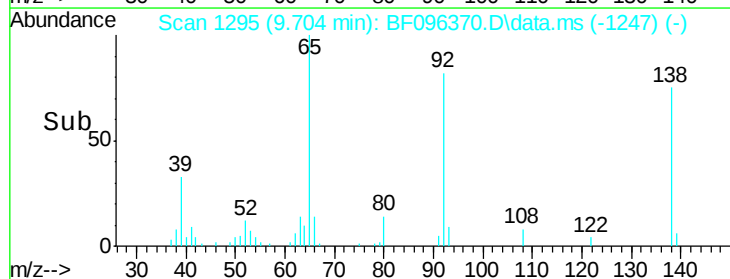
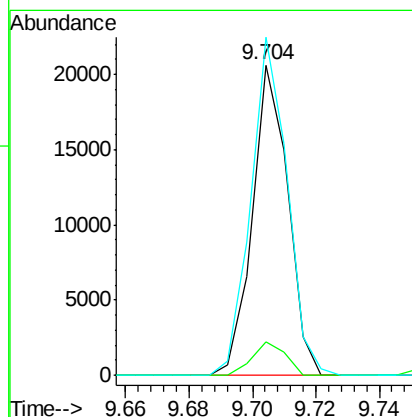
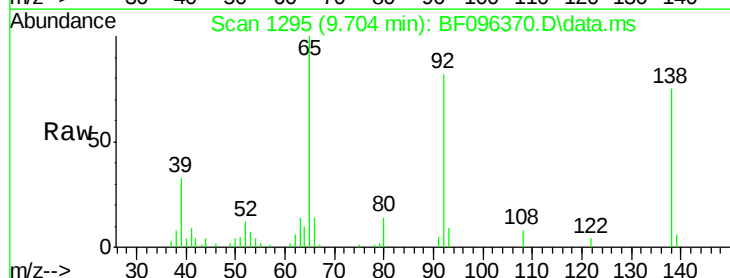
Tgt Ion:138 Resp: 16042

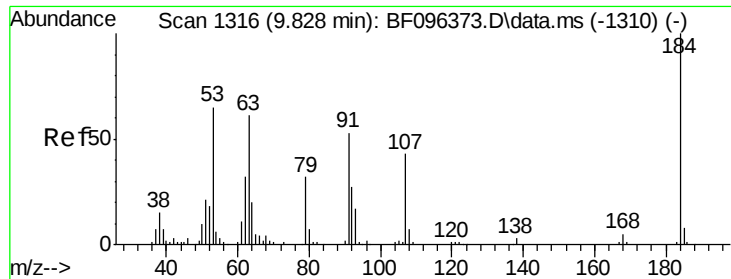
Ion Ratio Lower Upper

138 100

108 10.6 9.1 13.7

92 108.9 93.8 140.6

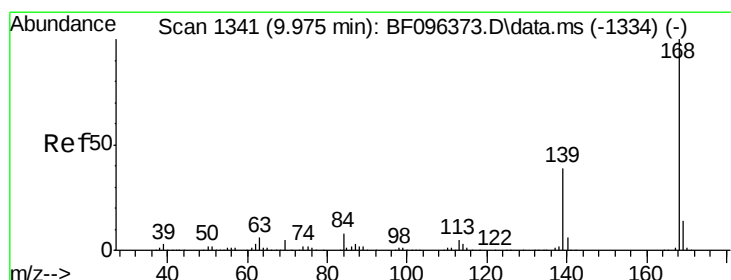
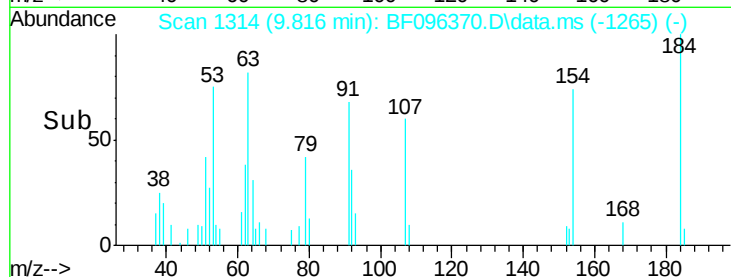
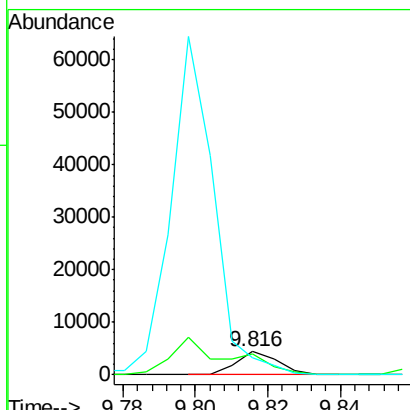
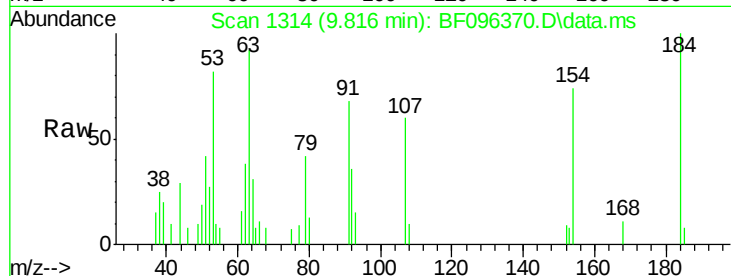




#53  
2,4-Dinitrophenol  
Concen: 2.64 ng  
RT: 9.816 min Scan# 1316  
Delta R.T. -0.012 min  
Lab File: BF096370.D  
Acq: 1 Jul 2017 11:08

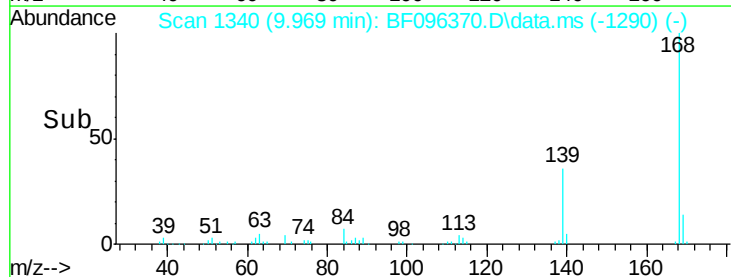
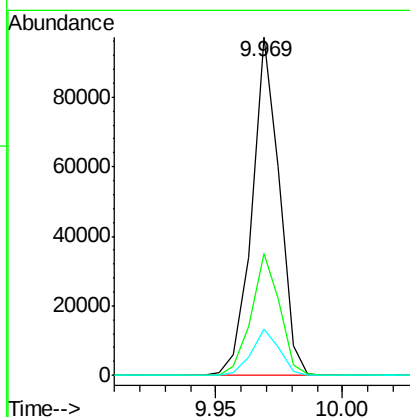
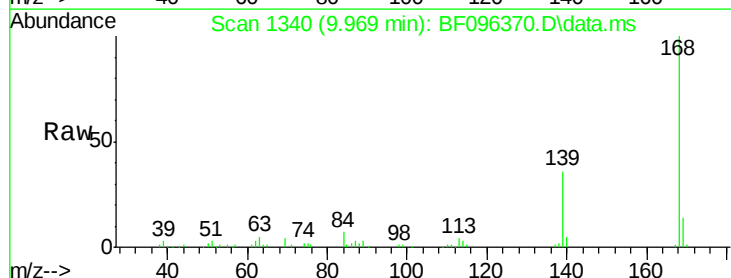
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

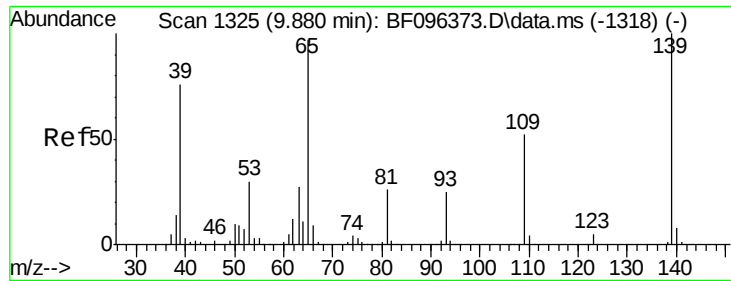
Tot Ion:184 Resp: 3479  
Ion Ratio Lower Upper  
184 100  
63 92.4 62.7 94.1  
154 73.6 81.1 121.7#



#54  
Dibenzofuran  
Concen: 3.10 ng  
RT: 9.969 min Scan# 1340  
Delta R.T. -0.006 min  
Lab File: BF096370.D  
Acq: 1 Jul 2017 11:08

Tgt Ion:168 Resp: 73025  
Ion Ratio Lower Upper  
168 100  
139 35.9 30.6 45.8  
169 13.5 10.8 16.2





#55

4-Nitrophenol

Concen: 2.84 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.012 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

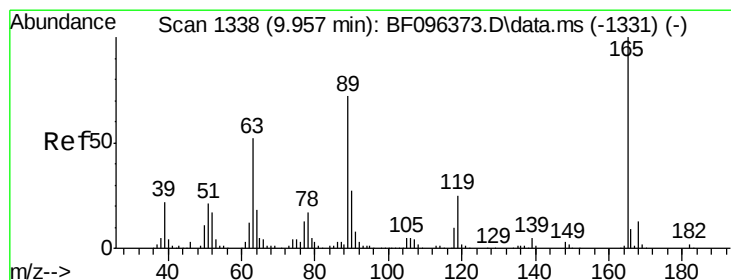
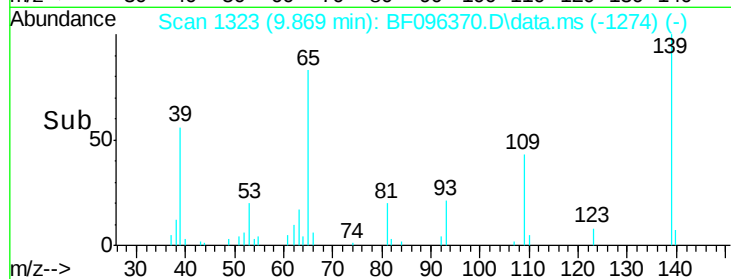
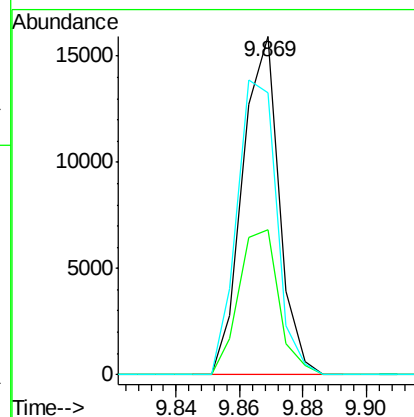
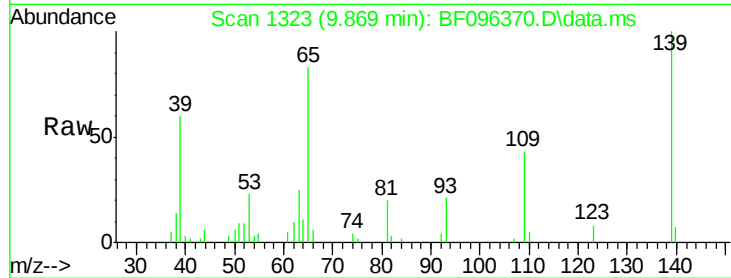
Tot Ion:139 Resp: 12723

Ion Ratio Lower Upper

139 100

109 42.8 34.1 74.1

65 83.2 31.4 71.4#



#56

2,4-Dinitrotoluene

Concen: 2.84 ng

RT: 9.945 min Scan# 1336

Delta R.T. -0.012 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

Tgt Ion:165 Resp: 15479

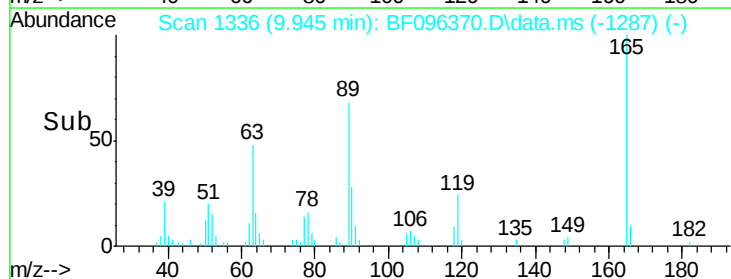
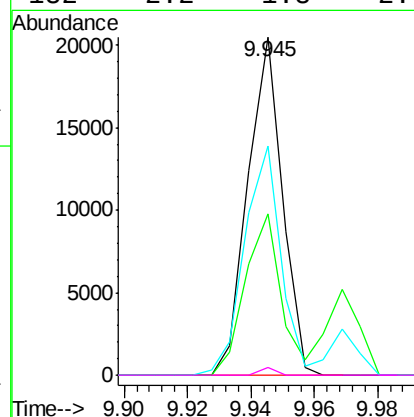
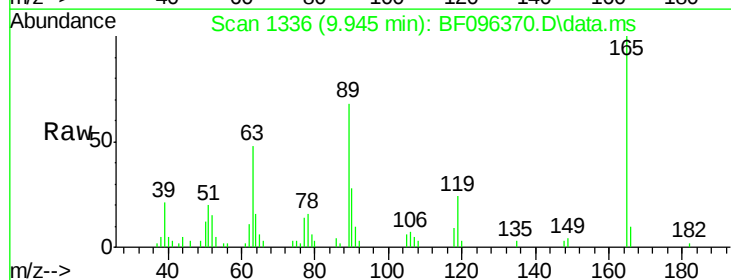
Ion Ratio Lower Upper

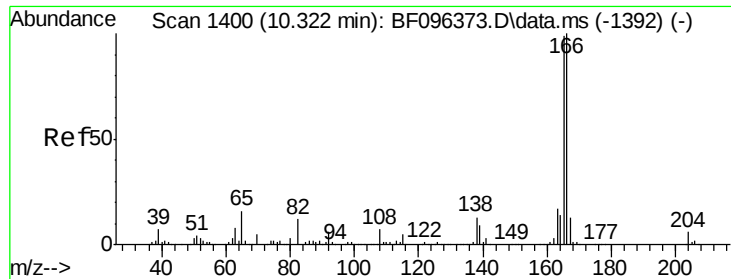
165 100

63 47.9 25.4 38.0#

89 68.0 46.4 69.6

182 2.2 1.8 2.6





#57

Fluorene

Concen: 3.51 ng

RT: 10.310 min Scan# 13

Delta R.T. -0.012 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

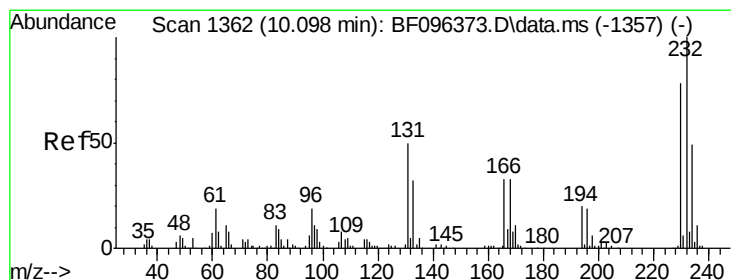
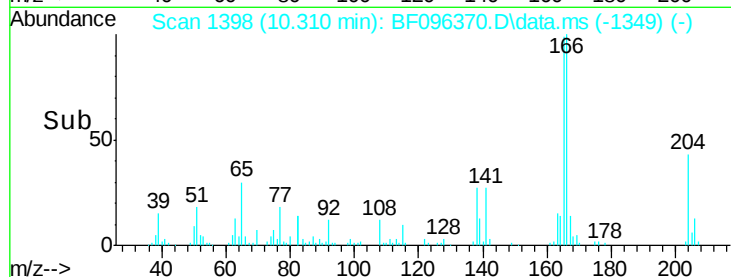
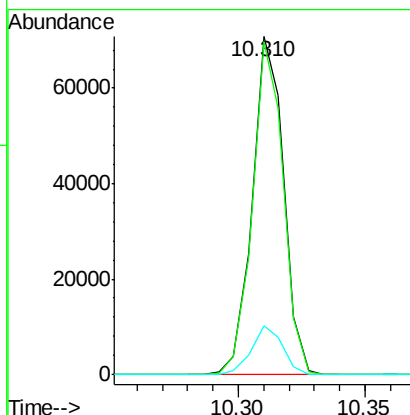
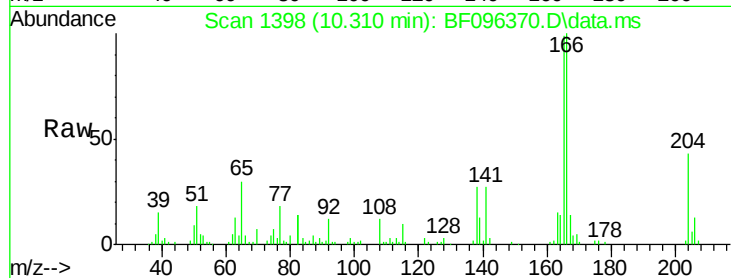
Tot Ion:166 Resp: 60656

Ion Ratio Lower Upper

166 100

165 98.5 78.8 118.2

167 14.5 10.6 16.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 2.82 ng

RT: 10.092 min Scan# 1361

Delta R.T. -0.006 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

Tgt Ion:232 Resp: 10989

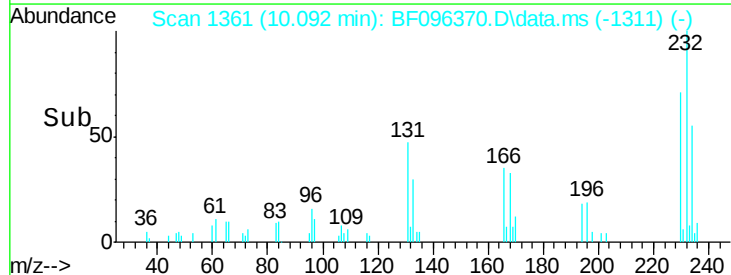
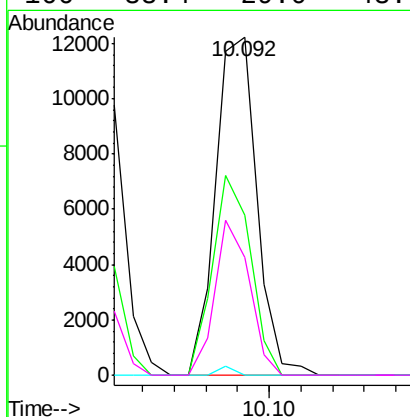
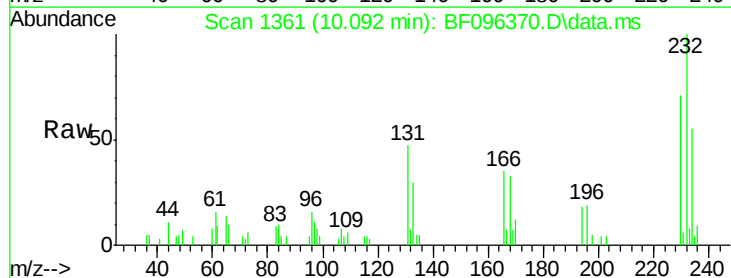
Ion Ratio Lower Upper

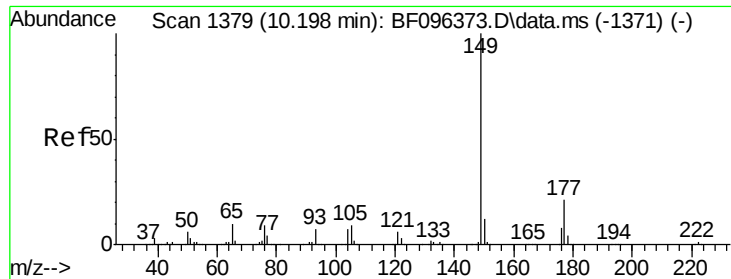
232 100

131 54.9 44.8 67.2

130 1.1 2.3 3.5#

166 38.4 29.0 43.4

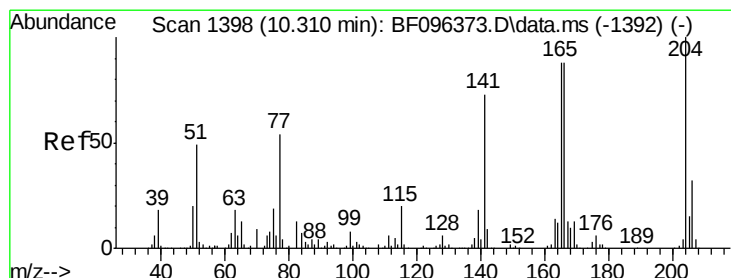
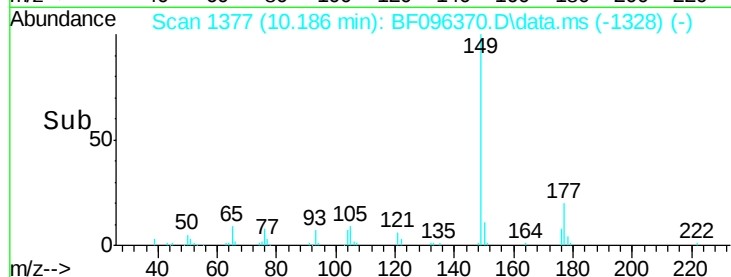
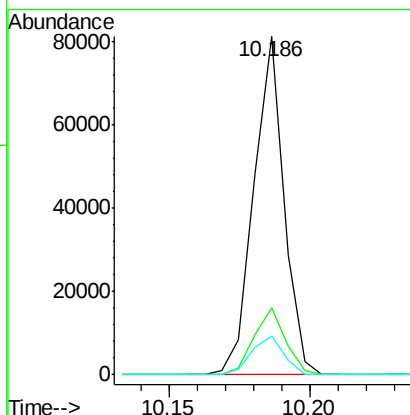
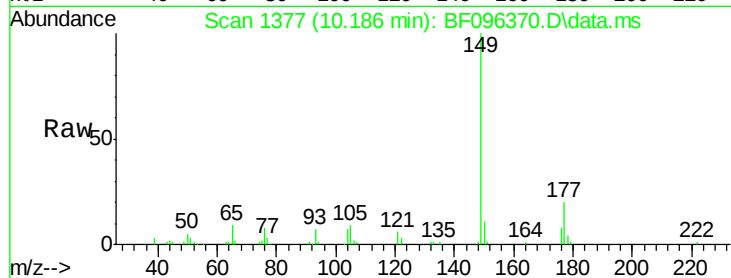




#59  
Diethylphthalate  
Concen: 2.89 ng  
RT: 10.186 min Scan# 1379  
Delta R.T. -0.012 min  
Lab File: BF096370.D  
Acq: 1 Jul 2017 11:08

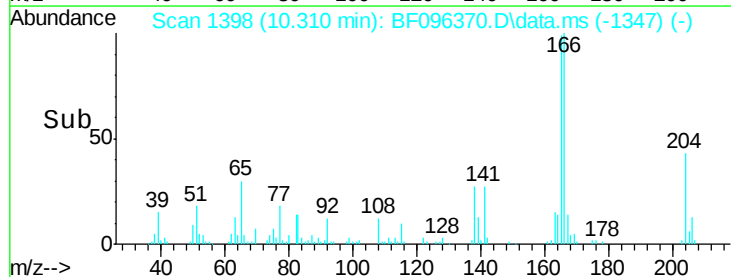
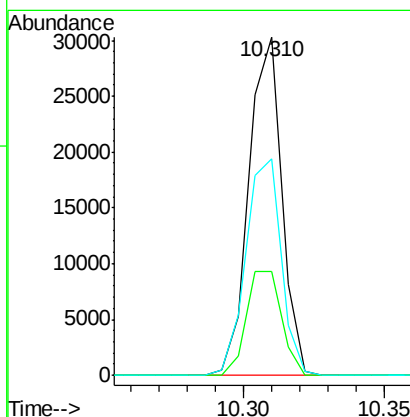
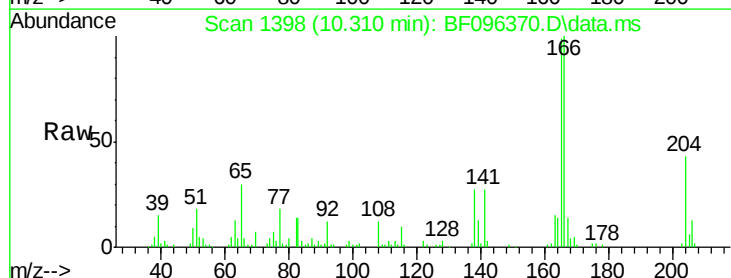
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

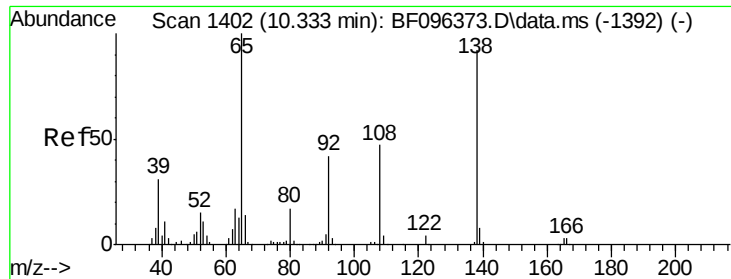
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 19.7  | 16.7  | 25.1  |
| 150     | 11.5  | 10.2  | 15.2  |



#60  
4-Chlorophenyl-phenylether  
Concen: 3.54 ng  
RT: 10.310 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: BF096370.D  
Acq: 1 Jul 2017 11:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 30.7  | 26.2  | 39.2  |
| 141     | 63.9  | 60.8  | 91.2  |

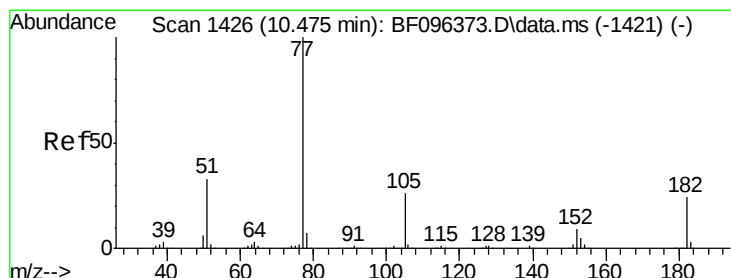
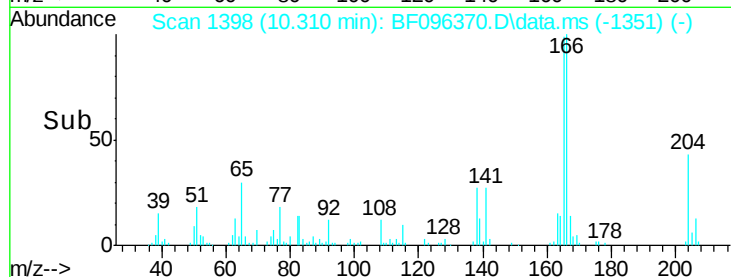
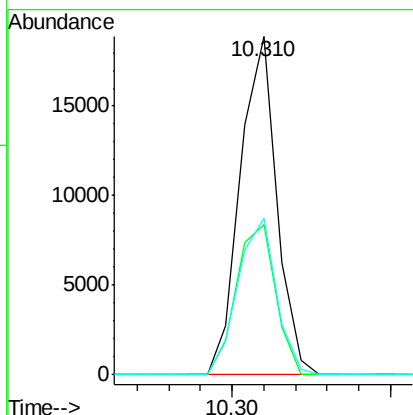
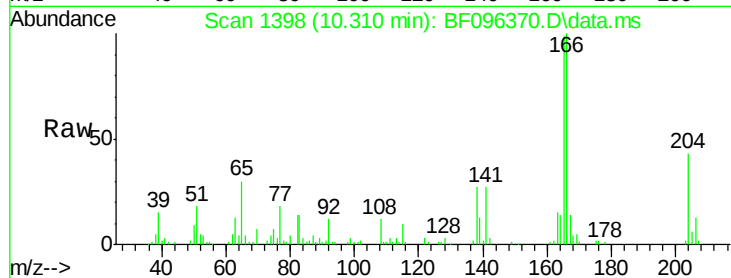




#61  
4-Nitroaniline  
Concen: 3.12 ng  
RT: 10.310 min Scan# 1398  
Delta R.T. -0.024 min  
Lab File: BF096370.D  
Acq: 1 Jul 2017 11:08

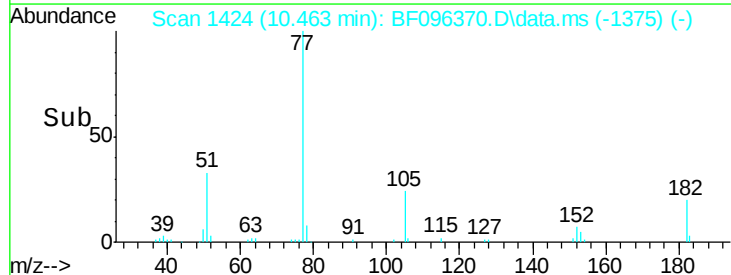
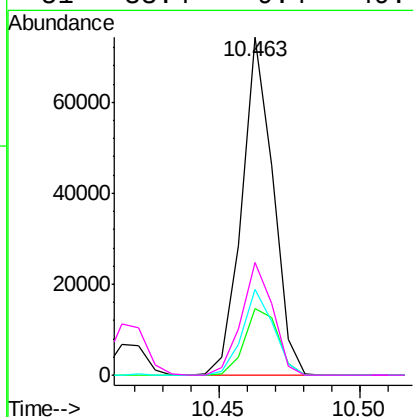
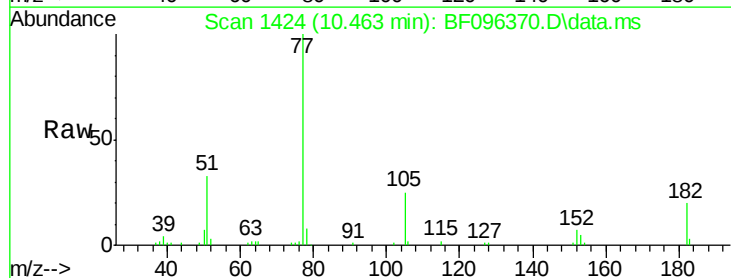
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC2.5

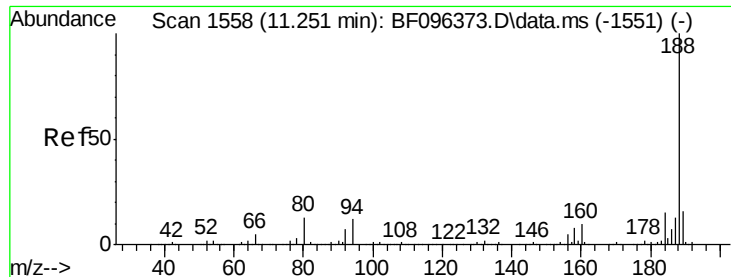
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 44.5  | 21.8  | 61.8  |
| 108     | 46.3  | 42.3  | 82.3  |



#62  
Azobenzene  
Concen: 2.71 ng  
RT: 10.463 min Scan# 1424  
Delta R.T. -0.012 min  
Lab File: BF096370.D  
Acq: 1 Jul 2017 11:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 19.9  | 0.1   | 40.1  |
| 105     | 25.4  | 3.6   | 43.6  |
| 51      | 33.4  | 9.4   | 49.4  |

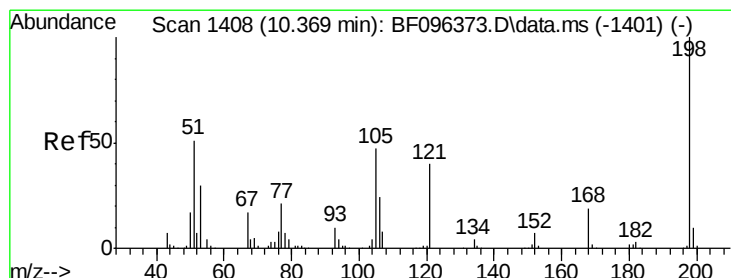
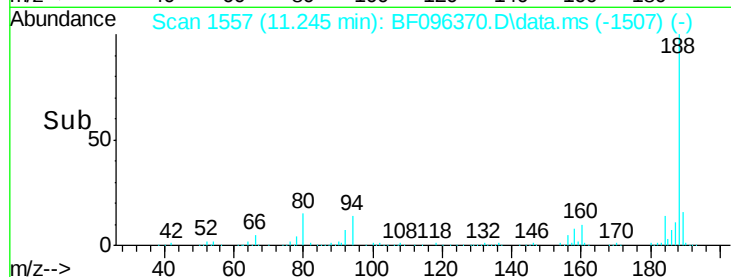
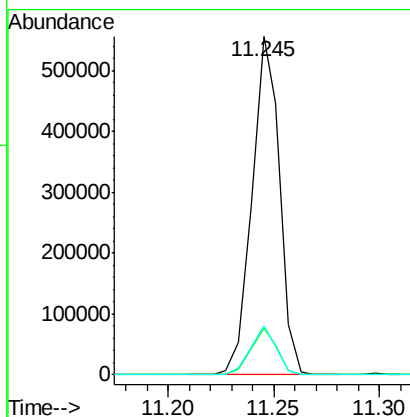
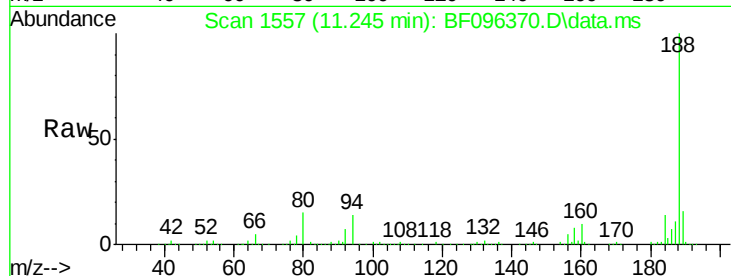




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.245 min Scan# 151  
Delta R.T. -0.006 min  
Lab File: BF096370.D  
Acq: 1 Jul 2017 11:08

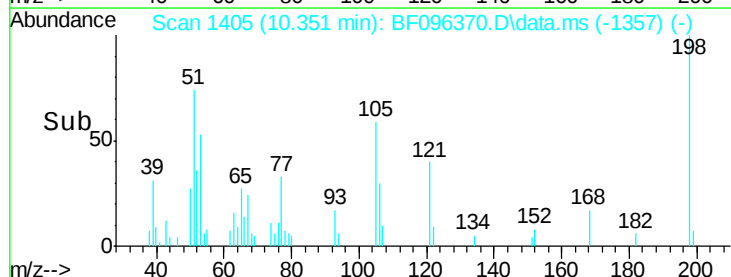
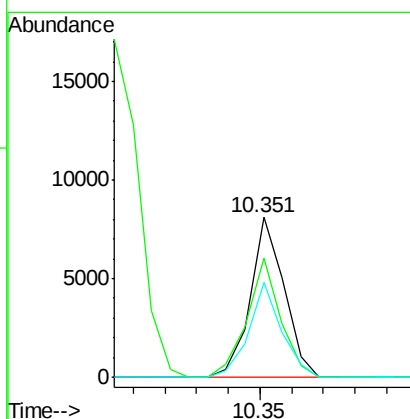
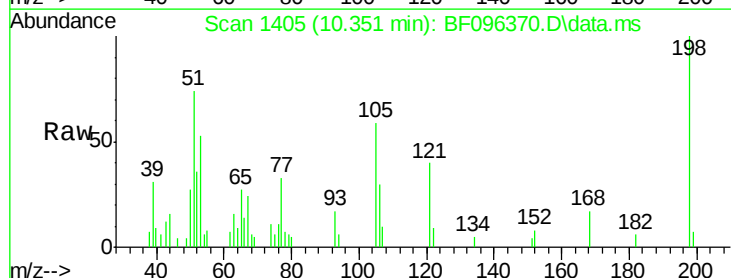
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

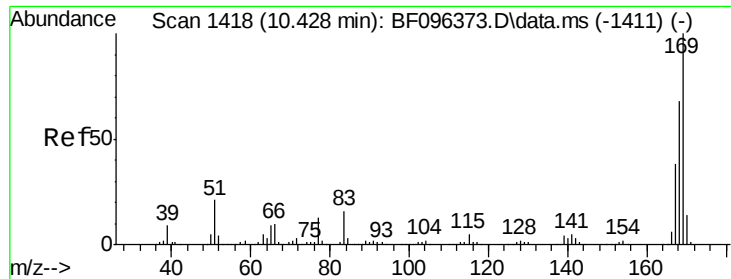
Tot Ion:188 Resp: 503091  
Ion Ratio Lower Upper  
188 100  
94 13.6 9.4 14.2  
80 14.6 10.2 15.2



#64  
4,6-Dinitro-2-methylphenol  
Concen: 2.61 ng  
RT: 10.351 min Scan# 1405  
Delta R.T. -0.018 min  
Lab File: BF096370.D  
Acq: 1 Jul 2017 11:08

Tgt Ion:198 Resp: 5982  
Ion Ratio Lower Upper  
198 100  
51 74.2 53.2 93.2  
105 58.9 45.8 85.8

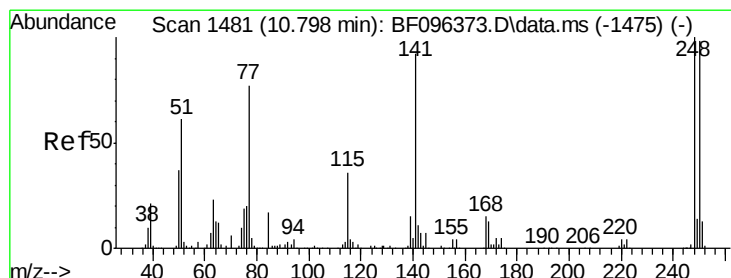
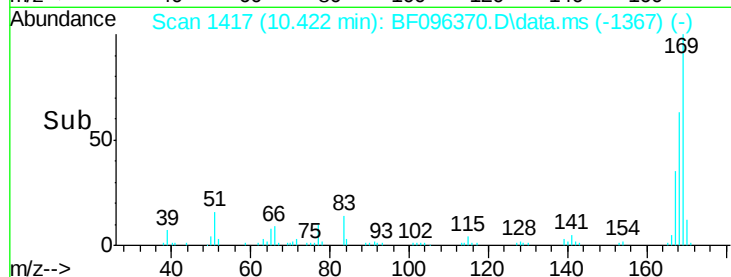
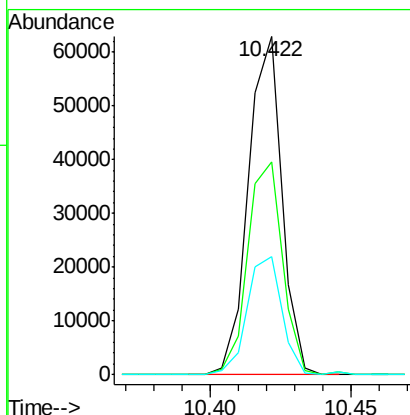
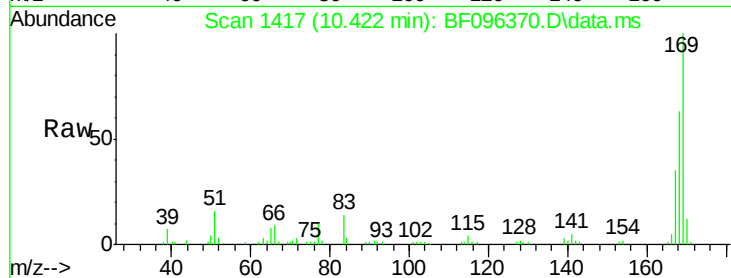




#65  
 n-Nitrosodiphenylamine  
 Concen: 2.86 ng  
 RT: 10.422 min Scan# 1418  
 Delta R.T. -0.006 min  
 Lab File: BF096370.D  
 Acq: 1 Jul 2017 11:08

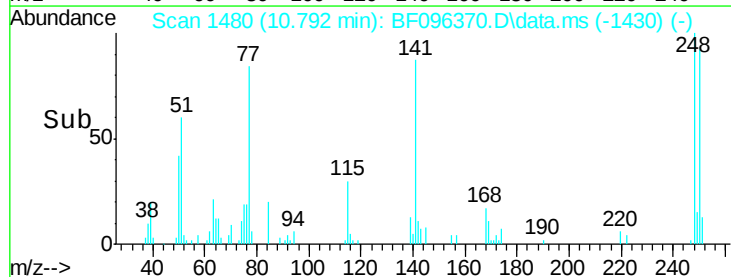
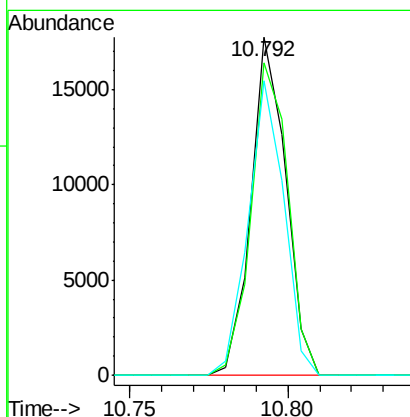
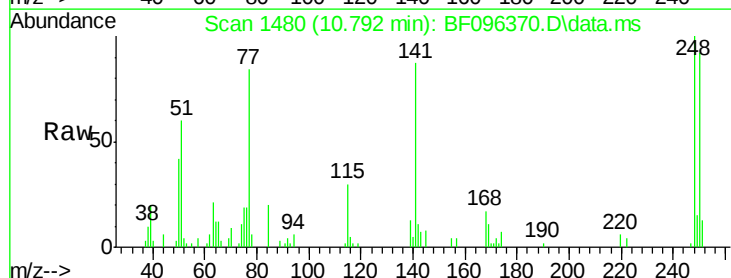
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

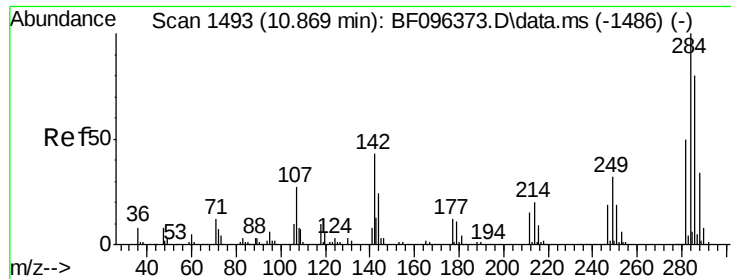
Tot Ion:169 Resp: 51699  
 Ion Ratio Lower Upper  
 169 100  
 168 63.0 53.2 79.8  
 167 34.9 29.5 44.3



#66  
 4-Bromophenyl-phenylether  
 Concen: 2.61 ng  
 RT: 10.792 min Scan# 1480  
 Delta R.T. -0.006 min  
 Lab File: BF096370.D  
 Acq: 1 Jul 2017 11:08

Tgt Ion:248 Resp: 13536  
 Ion Ratio Lower Upper  
 248 100  
 250 92.4 76.8 115.2  
 141 87.0 68.6 103.0

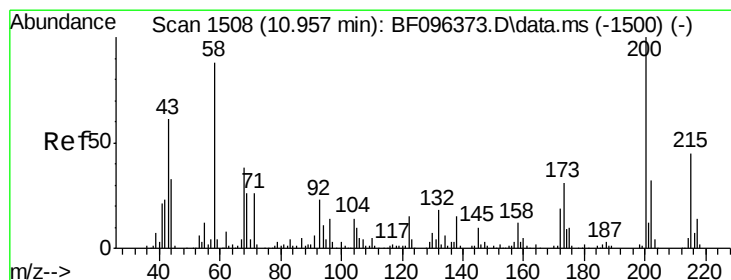
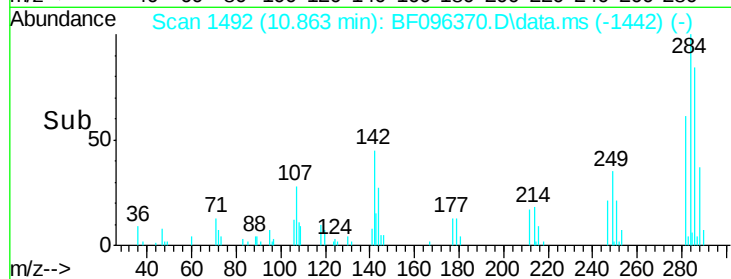
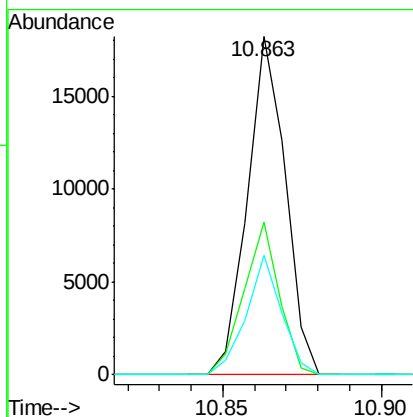
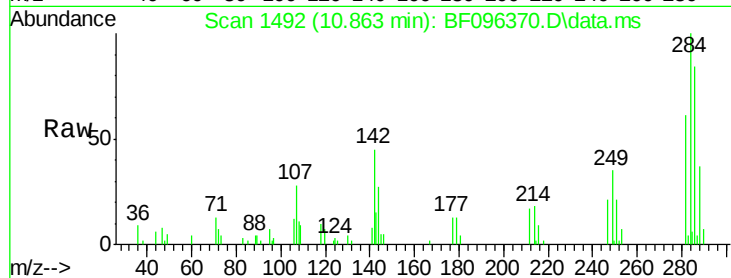




#67  
Hexachlorobenzene  
Concen: 2.84 ng  
RT: 10.863 min Scan# 1493  
Delta R.T. -0.006 min  
Lab File: BF096370.D  
Acq: 1 Jul 2017 11:08

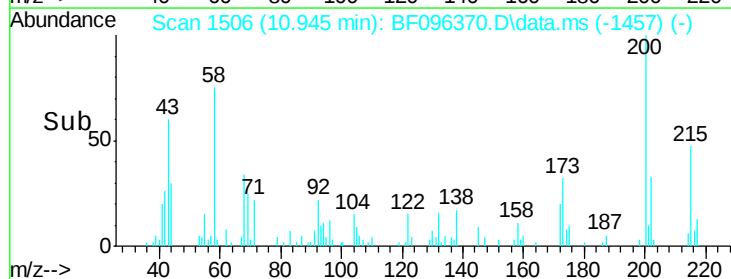
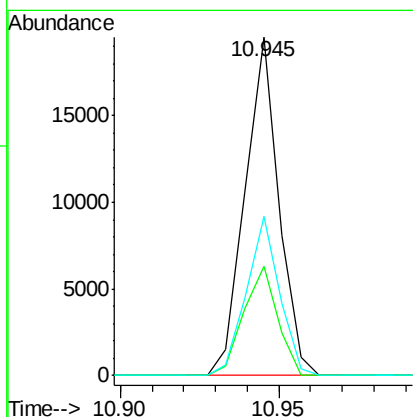
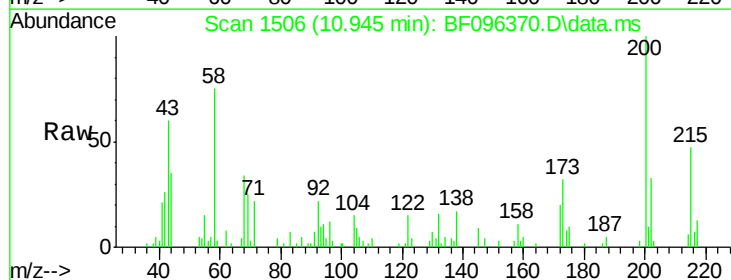
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

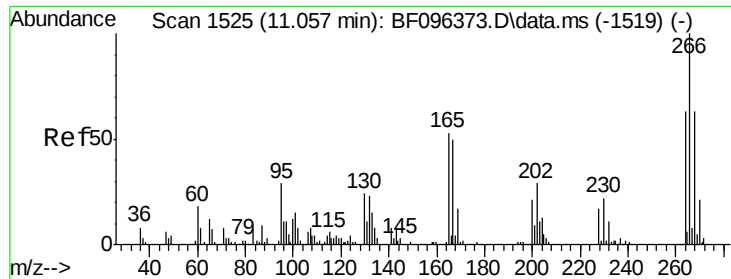
Tot Ion:284 Resp: 15130  
Ion Ratio Lower Upper  
284 100  
142 45.2 22.8 34.2#  
249 35.3 24.0 36.0



#68  
Atrazine  
Concen: 3.02 ng  
RT: 10.945 min Scan# 1506  
Delta R.T. -0.012 min  
Lab File: BF096370.D  
Acq: 1 Jul 2017 11:08

Tgt Ion:200 Resp: 14394  
Ion Ratio Lower Upper  
200 100  
173 32.1 6.3 46.3  
215 47.0 27.2 67.2

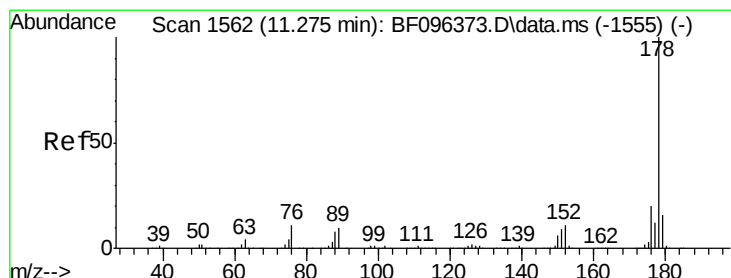
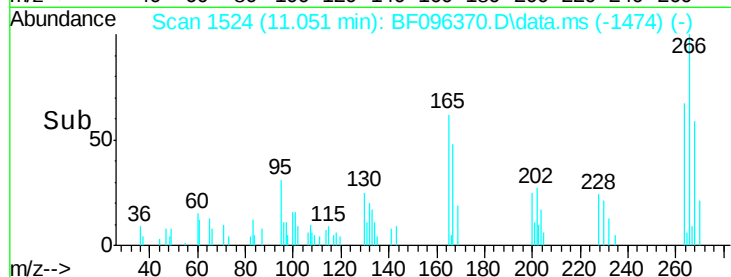
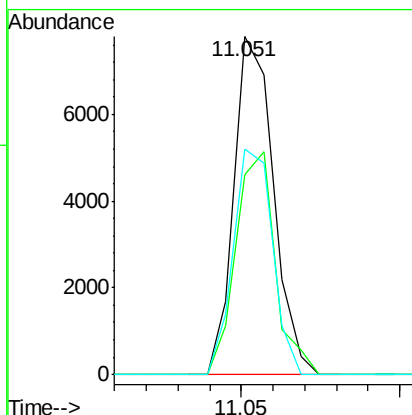
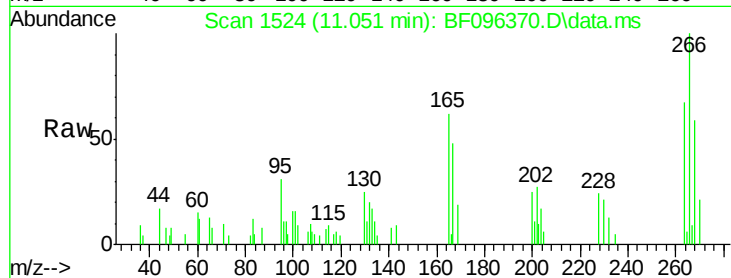




#69  
 Pentachlorophenol  
 Concen: 2.21 ng  
 RT: 11.051 min Scan# 1519  
 Delta R.T. -0.006 min  
 Lab File: BF096370.D  
 Acq: 1 Jul 2017 11:08

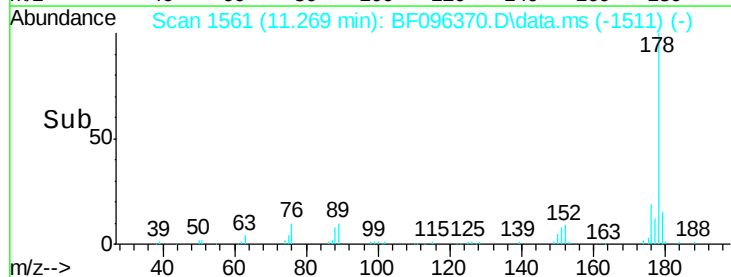
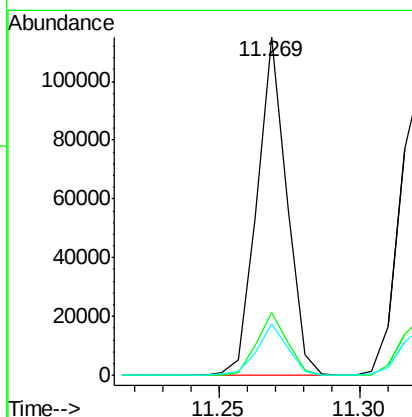
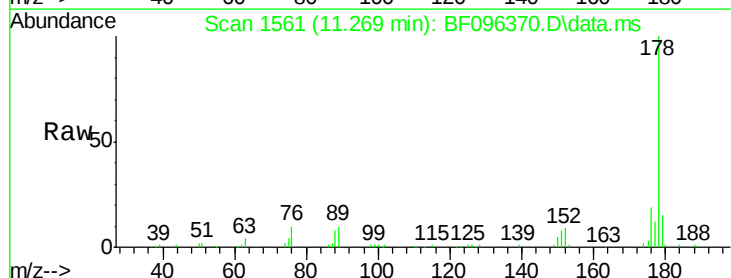
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

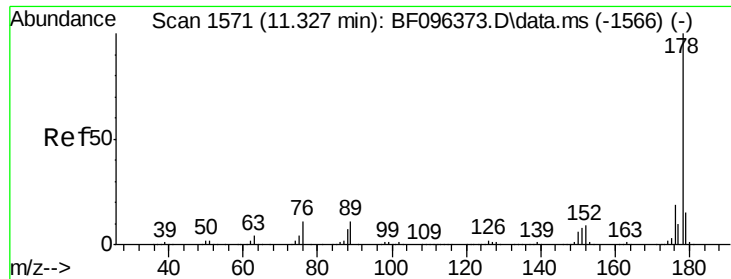
Tot Ion:266 Resp: 6705  
 Ion Ratio Lower Upper  
 266 100  
 268 59.1 51.1 76.7  
 264 66.5 51.7 77.5



#70  
 Phenanthrene  
 Concen: 3.09 ng  
 RT: 11.269 min Scan# 1561  
 Delta R.T. -0.006 min  
 Lab File: BF096370.D  
 Acq: 1 Jul 2017 11:08

Tgt Ion:178 Resp: 83934  
 Ion Ratio Lower Upper  
 178 100  
 176 18.7 16.2 24.4  
 179 15.2 12.6 19.0

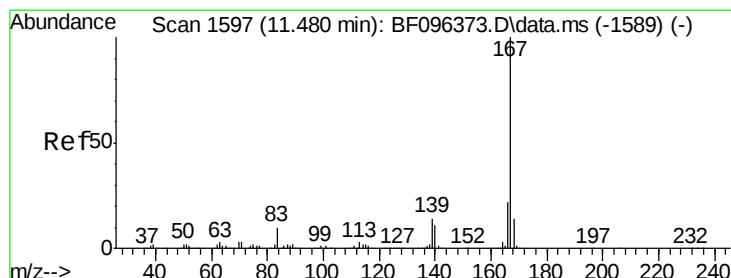
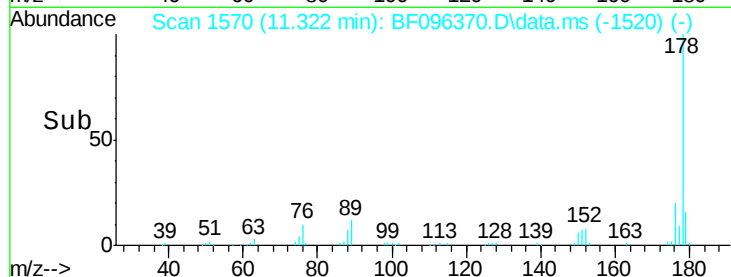
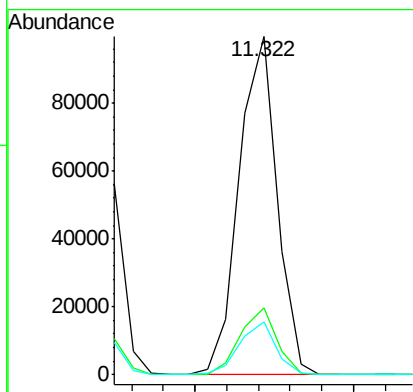
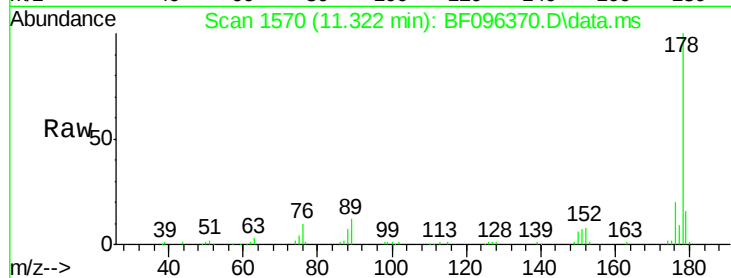




#71  
 Anthracene  
 Concen: 2.93 ng  
 RT: 11.322 min Scan# 1571  
 Delta R.T. -0.006 min  
 Lab File: BF096370.D  
 Acq: 1 Jul 2017 11:08

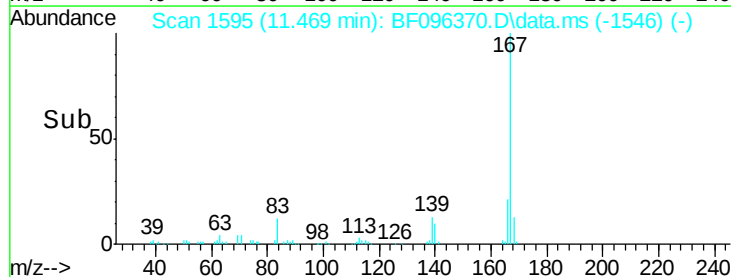
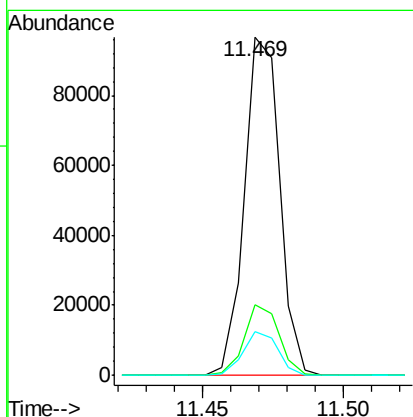
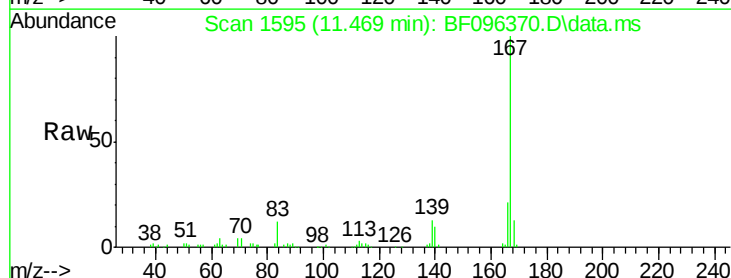
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

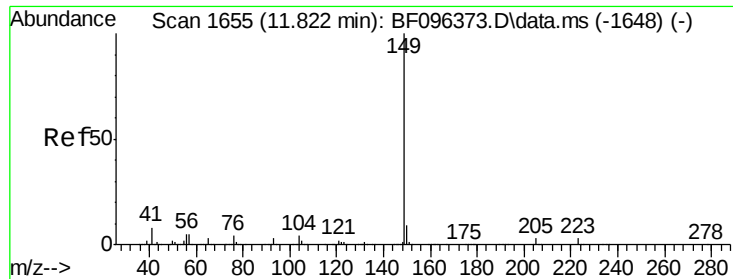
Tot Ion:178 Resp: 82477  
 Ion Ratio Lower Upper  
 178 100  
 176 19.7 15.8 23.8  
 179 15.5 12.7 19.1



#72  
 Carbazole  
 Concen: 2.69 ng  
 RT: 11.469 min Scan# 1595  
 Delta R.T. -0.012 min  
 Lab File: BF096370.D  
 Acq: 1 Jul 2017 11:08

Tgt Ion:167 Resp: 83644  
 Ion Ratio Lower Upper  
 167 100  
 166 20.7 18.1 27.1  
 139 13.0 11.7 17.5

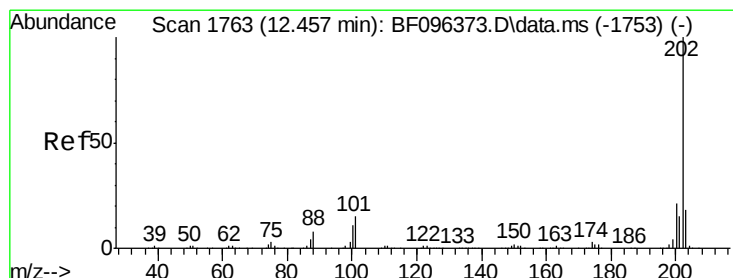
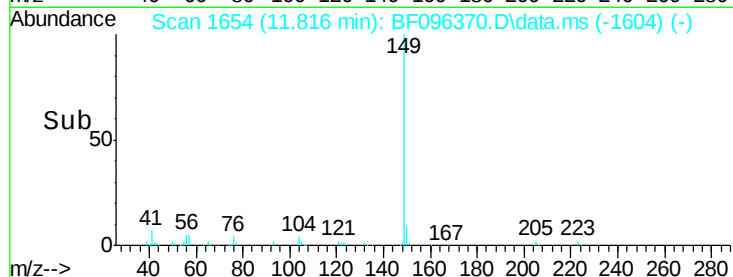
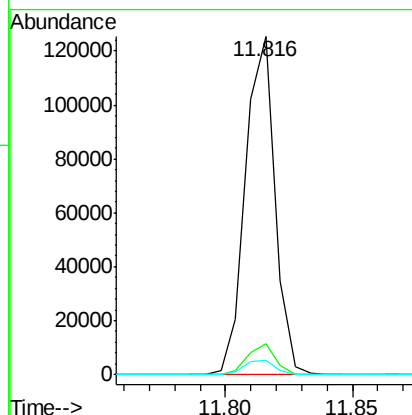
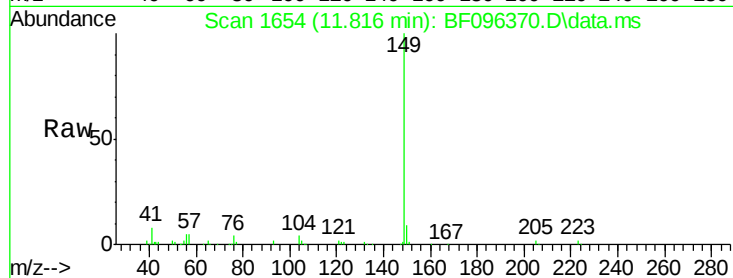




#73  
Di-n-butylphthalate  
Concen: 3.09 ng  
RT: 11.816 min Scan# 1654  
Delta R.T. -0.006 min  
Lab File: BF096370.D  
Acq: 1 Jul 2017 11:08

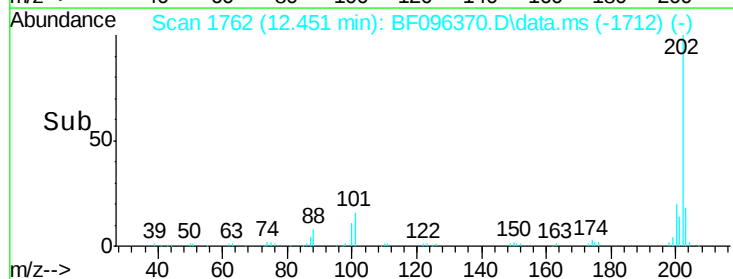
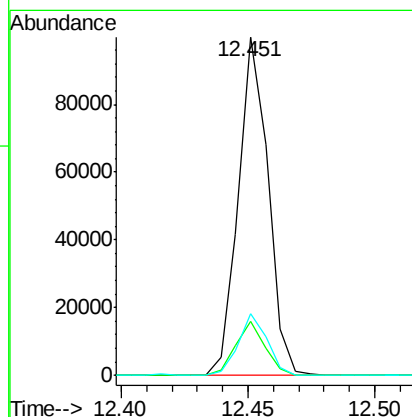
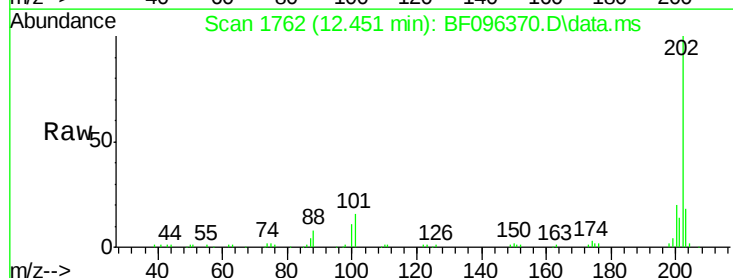
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC2.5

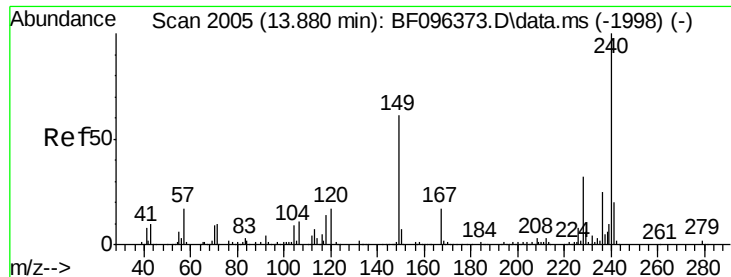
Tot Ion:149 Resp: 101279  
Ion Ratio Lower Upper  
149 100  
150 8.9 7.7 11.5  
104 4.1 4.0 6.0



#74  
Fluoranthene  
Concen: 2.91 ng  
RT: 12.451 min Scan# 1762  
Delta R.T. -0.006 min  
Lab File: BF096370.D  
Acq: 1 Jul 2017 11:08

Tgt Ion:202 Resp: 81311  
Ion Ratio Lower Upper  
202 100  
101 15.9 0.0 33.2  
203 18.3 0.0 38.1

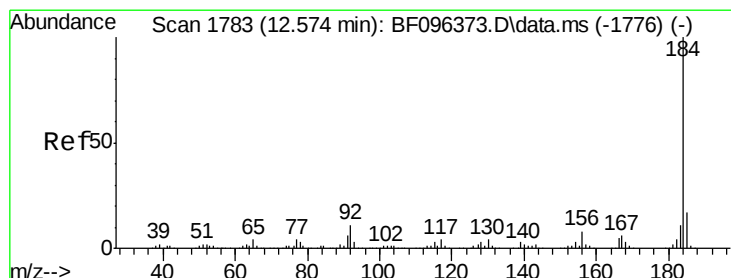
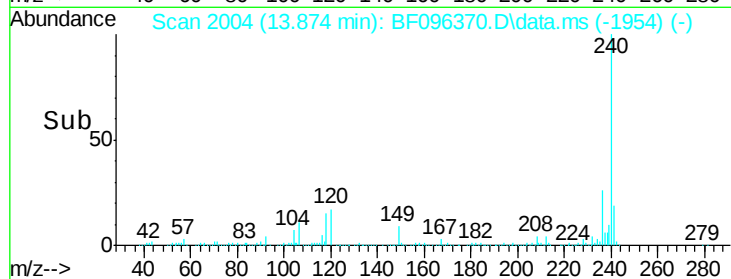
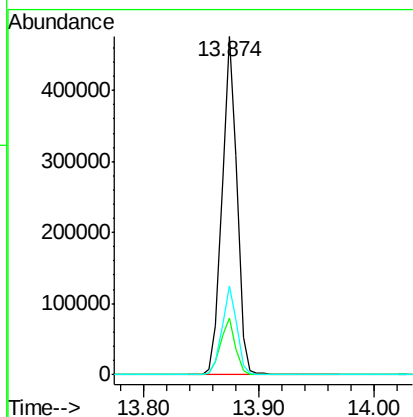
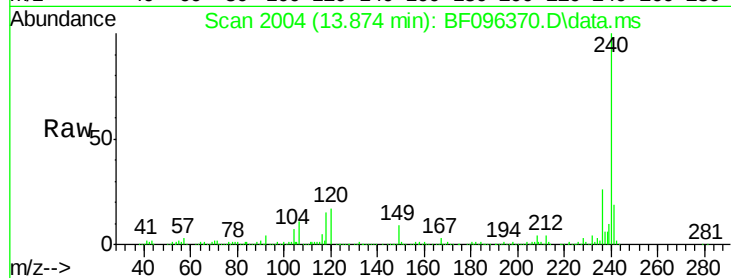




#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.874 min Scan# 20  
Delta R.T. -0.006 min  
Lab File: BF096370.D  
Acq: 1 Jul 2017 11:08

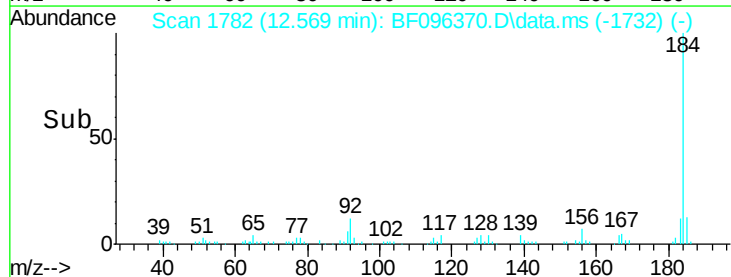
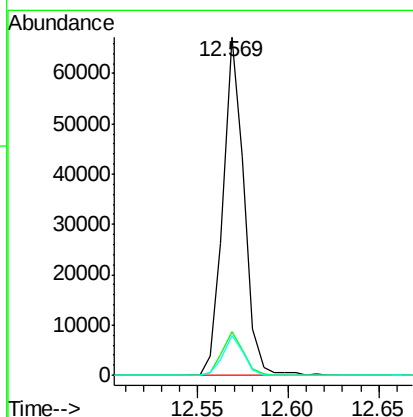
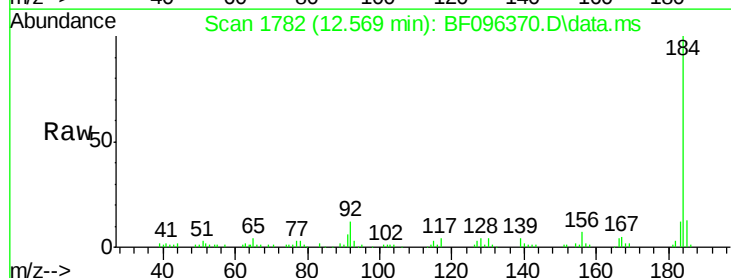
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

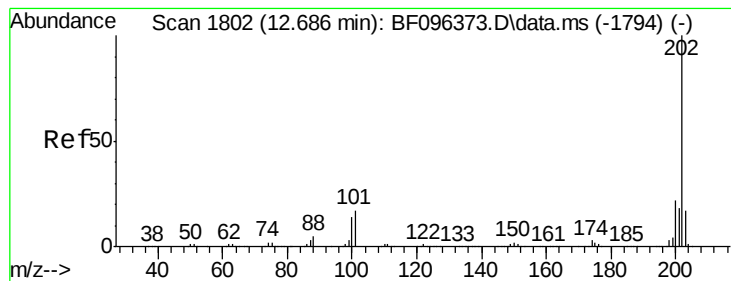
Tot Ion:240 Resp: 426203  
Ion Ratio Lower Upper  
240 100  
120 16.7 5.8 8.8#  
236 26.0 20.5 30.7



#76  
Benzidine  
Concen: 3.40 ng  
RT: 12.569 min Scan# 1782  
Delta R.T. -0.006 min  
Lab File: BF096370.D  
Acq: 1 Jul 2017 11:08

Tgt Ion:184 Resp: 54310  
Ion Ratio Lower Upper  
184 100  
185 12.9 15.5 23.3#  
183 11.7 9.8 14.6





#77

Pvrene

Concen: 2.45 ng

RT: 12.680 min Scan# 1802

Delta R.T. -0.006 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

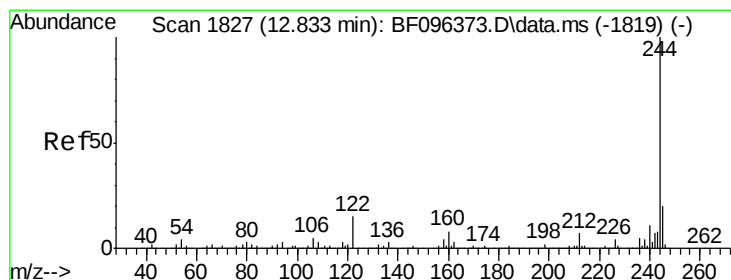
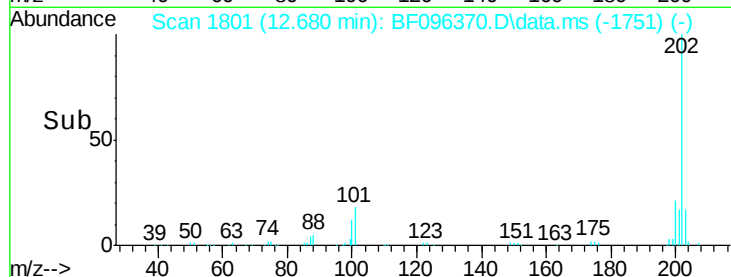
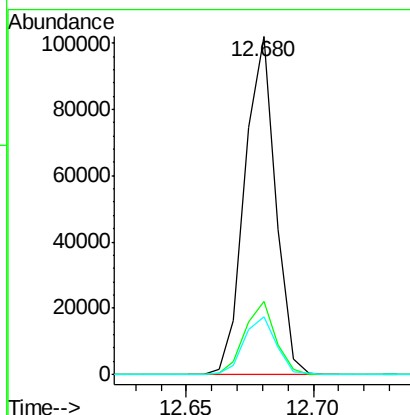
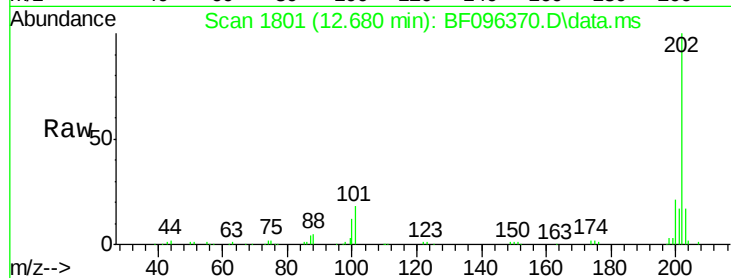
Tot Ion:202 Resp: 85838

Ion Ratio Lower Upper

202 100

200 21.5 17.6 26.4

203 16.9 14.4 21.6



#78

Terphenyl-d14

Concen: 6.77 ng

RT: 12.827 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

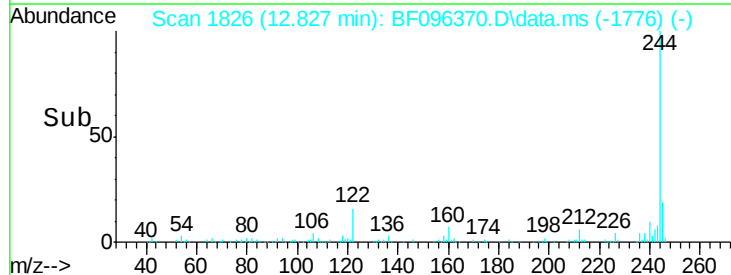
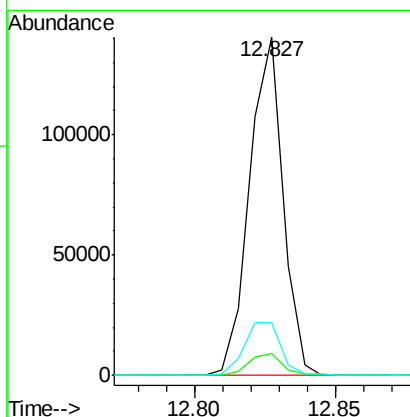
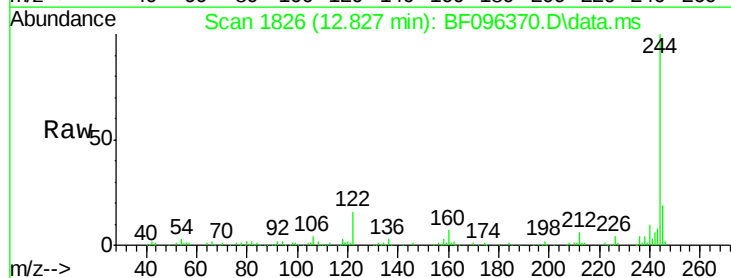
Tgt Ion:244 Resp: 115629

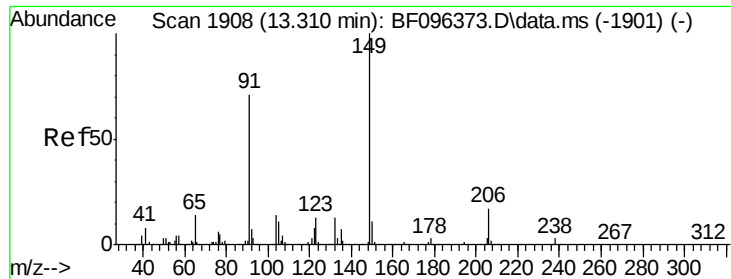
Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

122 15.5 10.3 15.5#

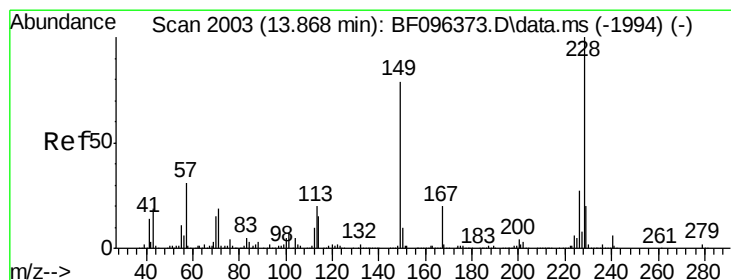
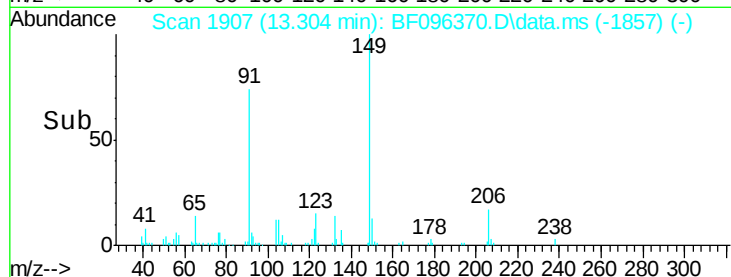
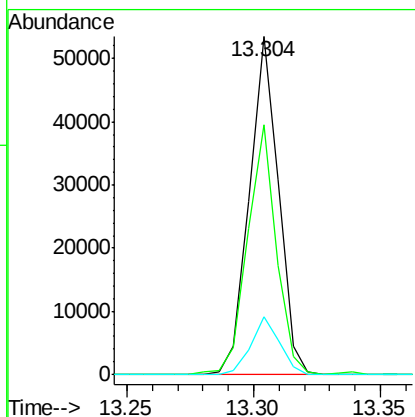
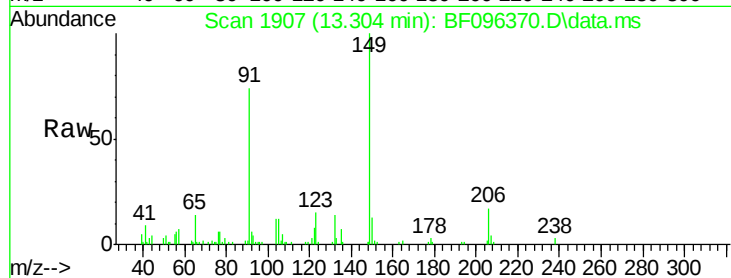




#79  
Butylbenzylphthalate  
Concen: 2.67 ng  
RT: 13.304 min Scan# 1908  
Delta R.T. -0.006 min  
Lab File: BF096370.D  
Acq: 1 Jul 2017 11:08

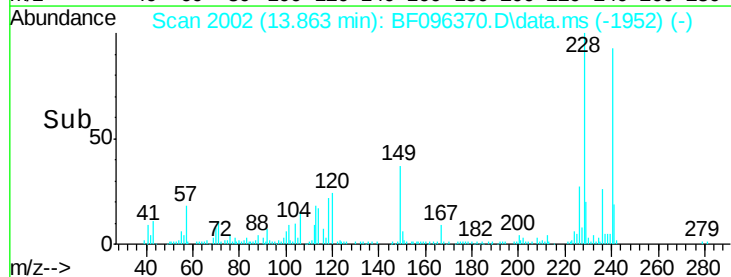
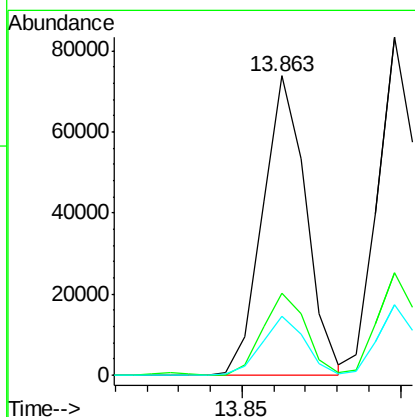
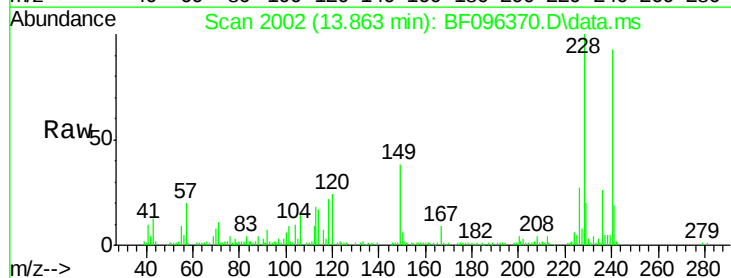
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

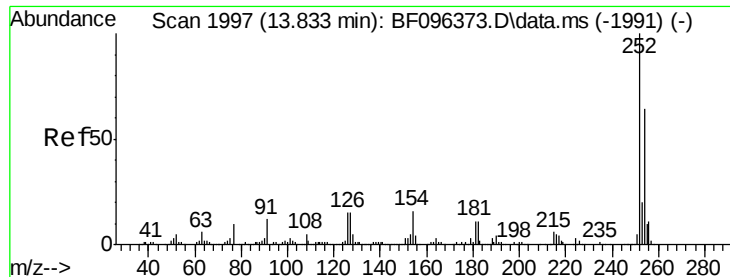
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 73.8  | 45.0  | 67.4  |
| 206     | 17.1  | 17.0  | 25.6  |



#80  
Benzo(a)anthracene  
Concen: 2.69 ng  
RT: 13.863 min Scan# 2002  
Delta R.T. -0.006 min  
Lab File: BF096370.D  
Acq: 1 Jul 2017 11:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.2  | 22.6  | 33.8  |
| 229     | 19.6  | 16.3  | 24.5  |

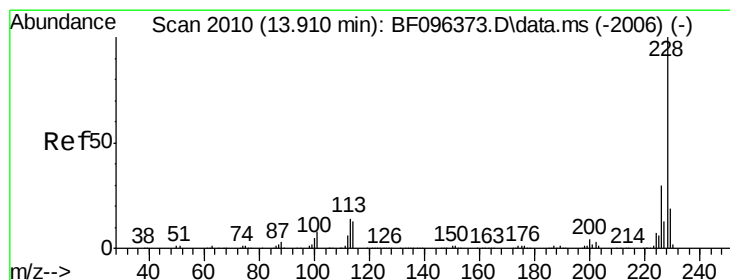
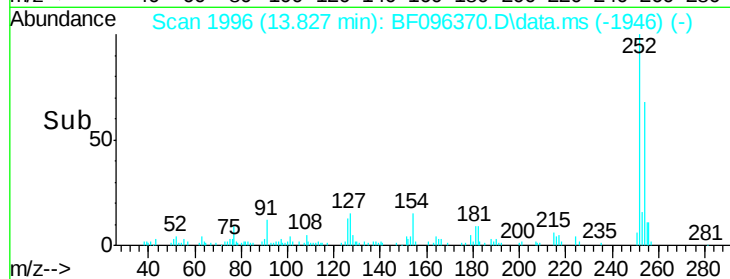
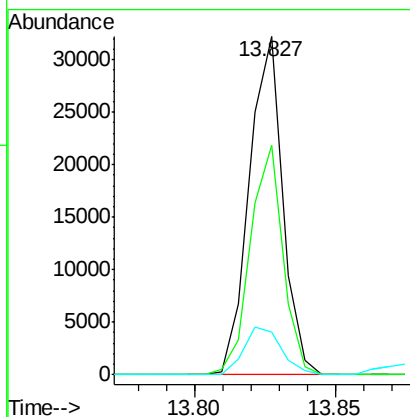
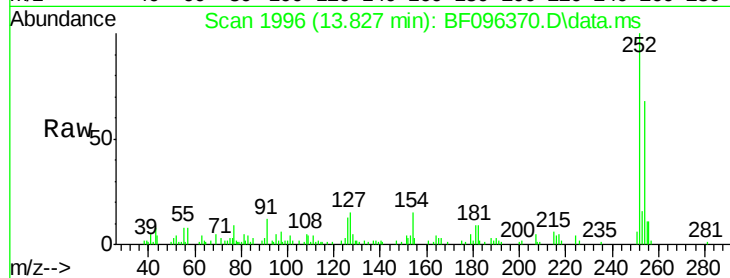




#81  
 3,3'-Dichlorobenzidine  
 Concen: 2.68 ng  
 RT: 13.827 min Scan# 1997  
 Delta R.T. -0.006 min  
 Lab File: BF096370.D  
 Acq: 1 Jul 2017 11:08

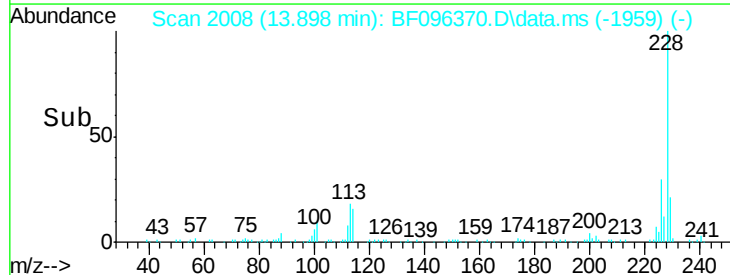
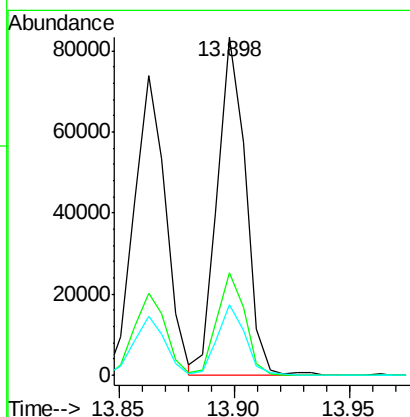
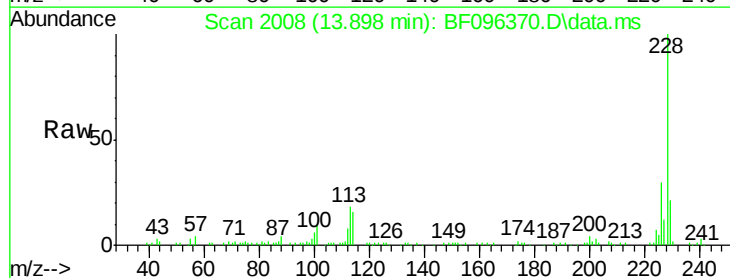
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

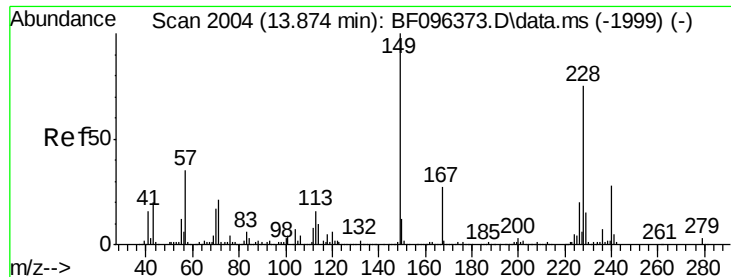
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 67.9  | 51.5  | 77.3  |
| 126     | 12.7  | 15.8  | 23.8# |



#82  
 Chrysene  
 Concen: 2.63 ng  
 RT: 13.898 min Scan# 2008  
 Delta R.T. -0.012 min  
 Lab File: BF096370.D  
 Acq: 1 Jul 2017 11:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.4  | 24.9  | 37.3  |
| 229     | 20.7  | 15.8  | 23.6  |

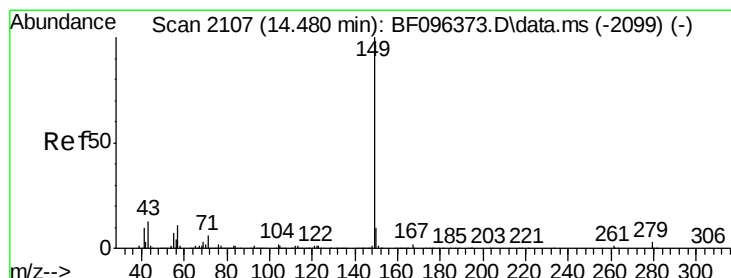
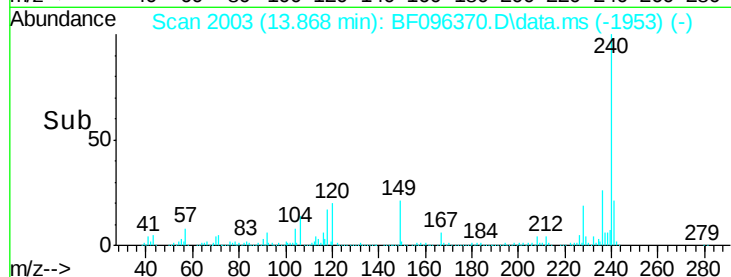
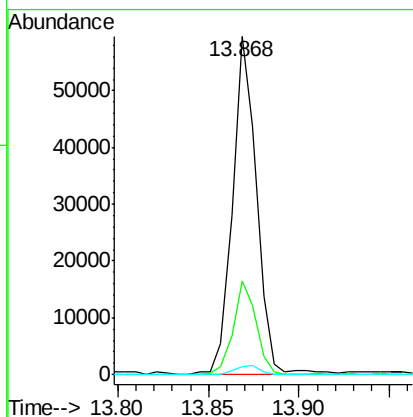
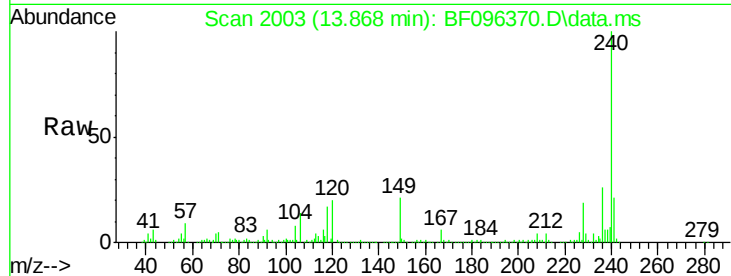




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 3.17 ng  
 RT: 13.868 min Scan# 20  
 Delta R.T. -0.006 min  
 Lab File: BF096370.D  
 Acq: 1 Jul 2017 11:08

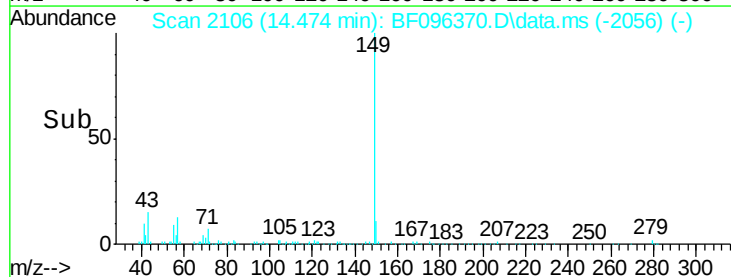
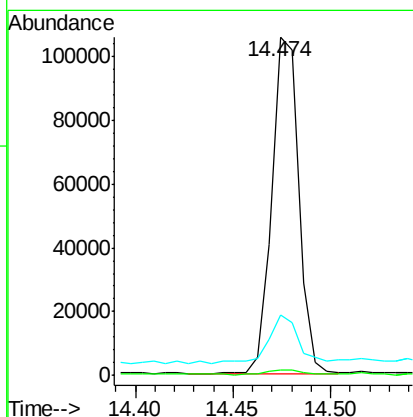
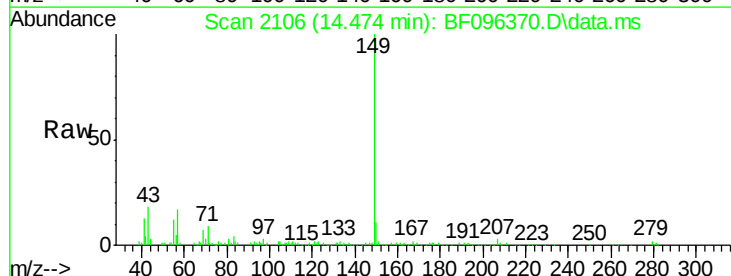
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

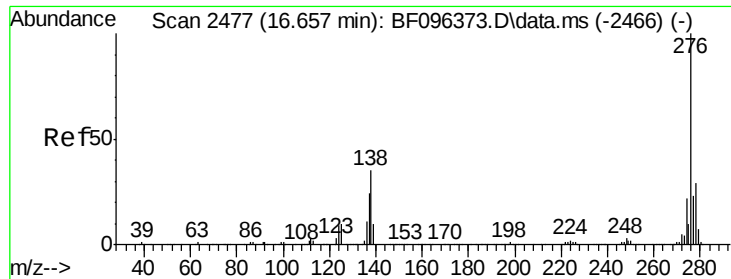
Tot Ion:149 Resp: 55236  
 Ion Ratio Lower Upper  
 149 100  
 167 27.6 21.0 31.4  
 279 2.3 1.9 2.9



#84  
 Di-n-octyl phthalate  
 Concen: 2.83 ng  
 RT: 14.474 min Scan# 2106  
 Delta R.T. -0.006 min  
 Lab File: BF096370.D  
 Acq: 1 Jul 2017 11:08

Tgt Ion:149 Resp: 101796  
 Ion Ratio Lower Upper  
 149 100  
 167 2.5 1.2 1.8#  
 43 15.5 8.5 12.7#

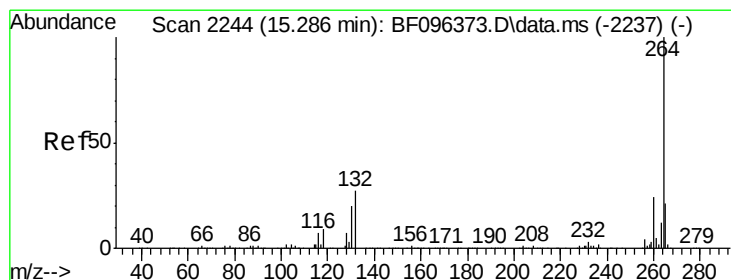
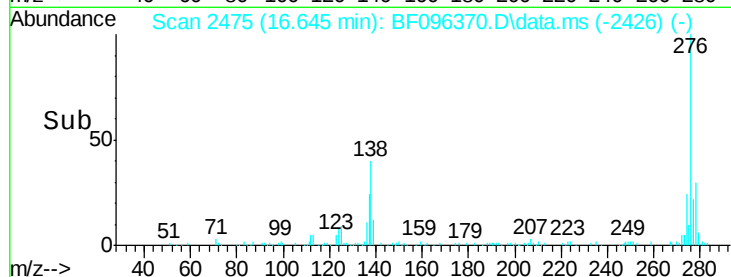
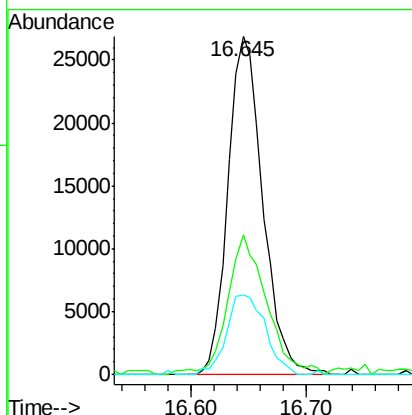
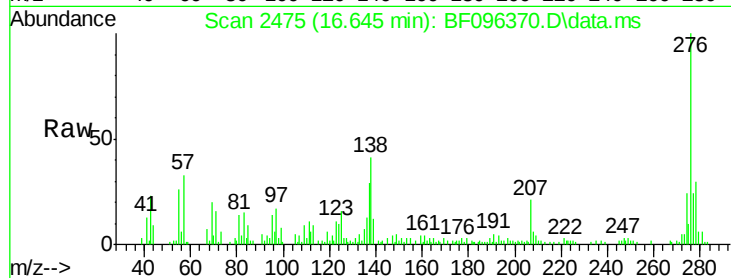




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 2.52 ng  
 RT: 16.645 min Scan# 2477  
 Delta R.T. -0.012 min  
 Lab File: BF096370.D  
 Acq: 1 Jul 2017 11:08

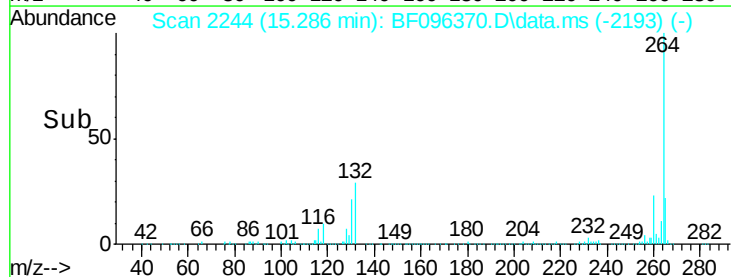
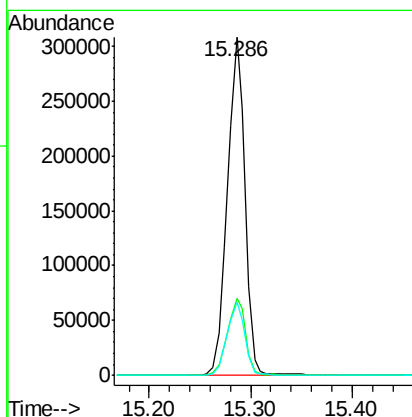
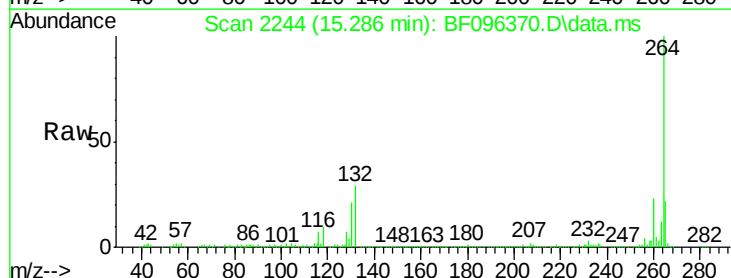
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDIC2.5

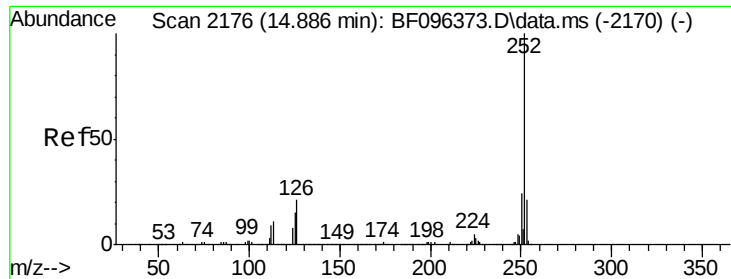
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 46.5  | 27.8  | 41.6# |
| 277     | 26.3  | 20.2  | 30.4  |



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.286 min Scan# 2244  
 Delta R.T. 0.000 min  
 Lab File: BF096370.D  
 Acq: 1 Jul 2017 11:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.8  | 19.5  | 29.3  |
| 265     | 21.7  | 17.2  | 25.8  |

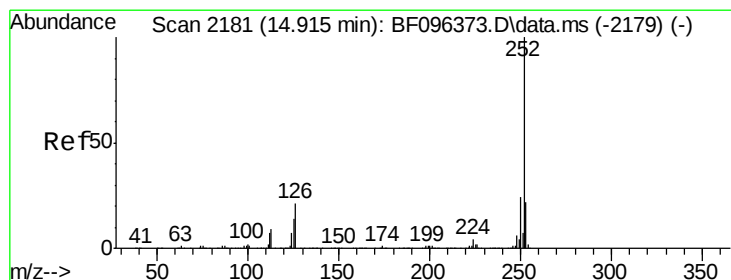
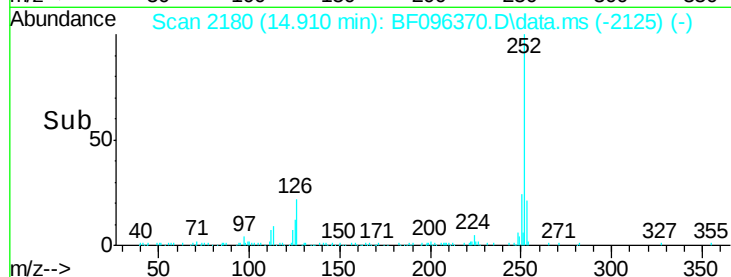
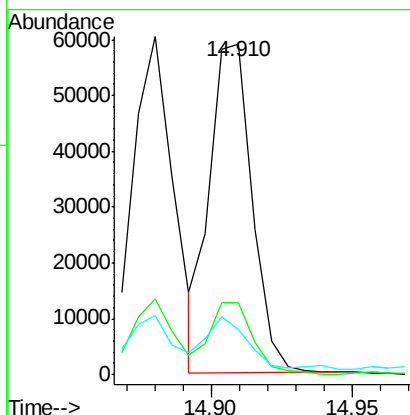
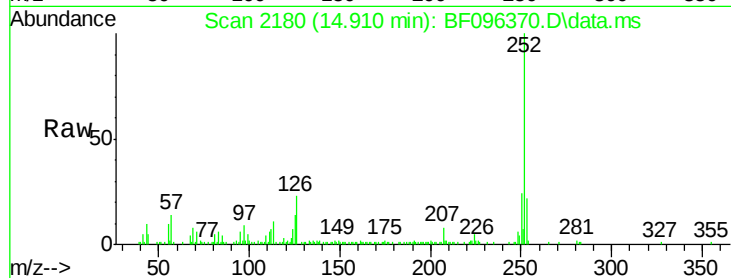




#87  
Benzo(b)fluoranthene  
Concen: 2.53 ng  
RT: 14.910 min Scan# 2176  
Delta R.T. 0.024 min  
Lab File: BF096370.D  
Acq: 1 Jul 2017 11:08

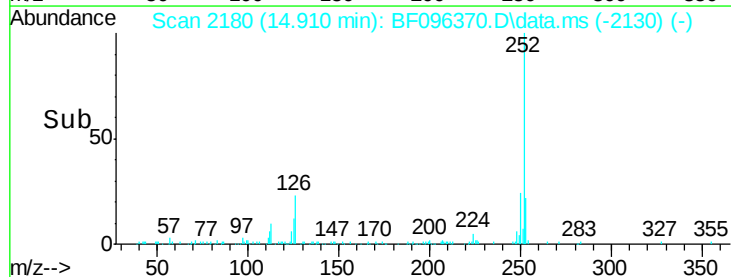
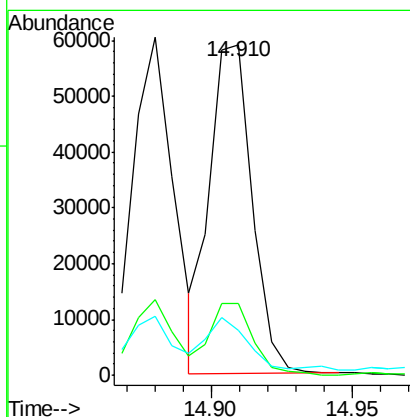
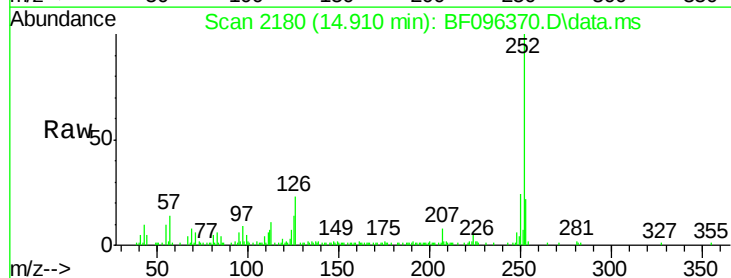
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

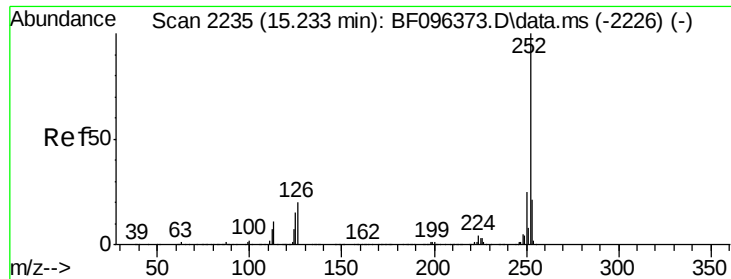
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.7  | 18.1  | 27.1  |
| 125     | 13.6  | 9.8   | 14.8  |



#88  
Benzo(k)fluoranthene  
Concen: 2.77 ng  
RT: 14.910 min Scan# 2180  
Delta R.T. -0.006 min  
Lab File: BF096370.D  
Acq: 1 Jul 2017 11:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.7  | 18.4  | 27.6  |
| 125     | 13.6  | 13.1  | 19.7  |





#89

Benzo(a)pyrene

Concen: 2.72 ng

RT: 15.221 min Scan# 22

Delta R.T. -0.012 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

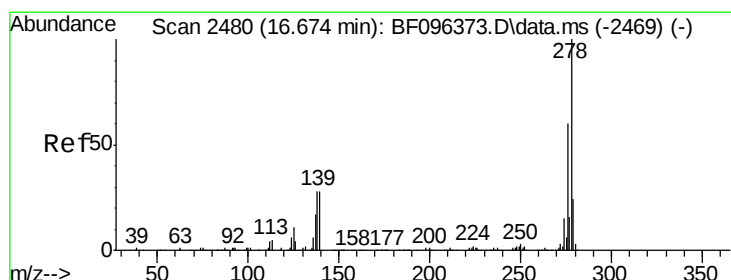
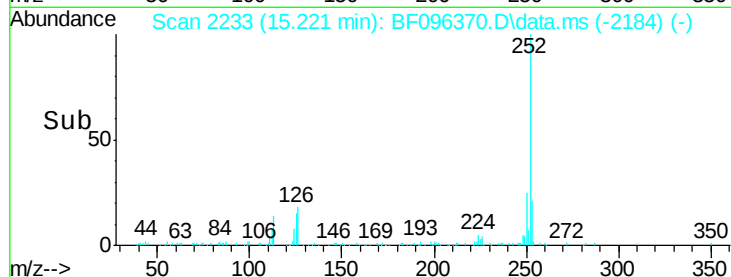
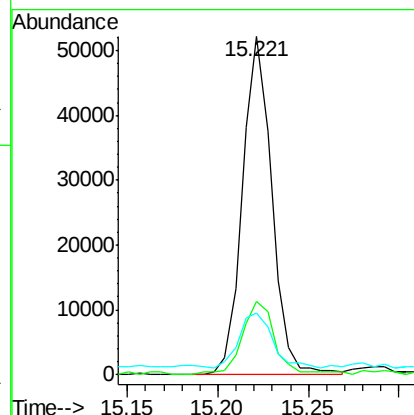
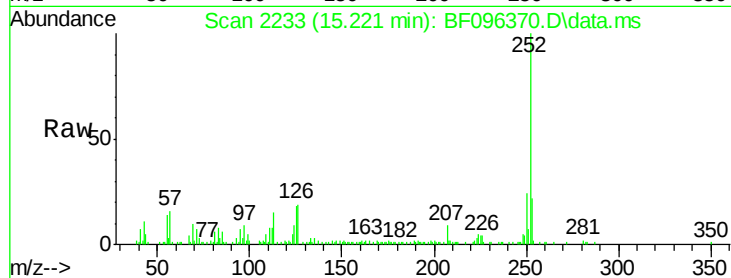
Tot Ion:252 Resp: 58806

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 18.0 11.0 16.4#



#90

Dibenzo(a,h)anthracene

Concen: 2.72 ng

RT: 16.662 min Scan# 2478

Delta R.T. -0.012 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

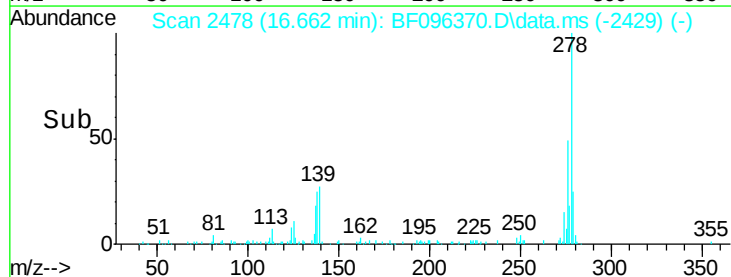
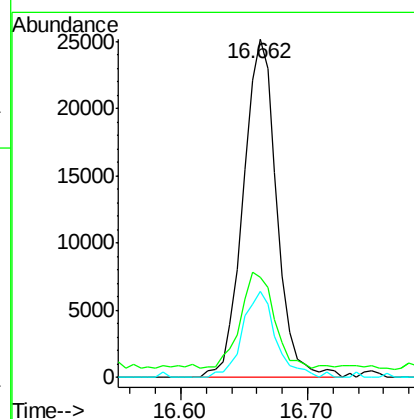
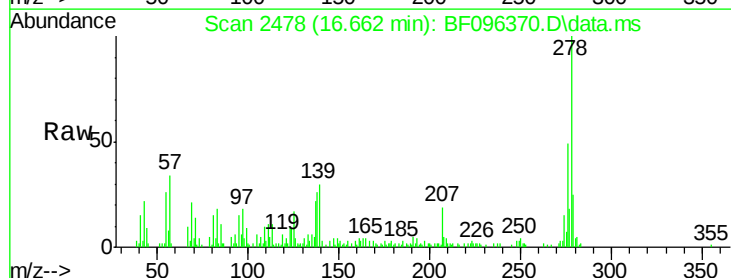
Tgt Ion:278 Resp: 45972

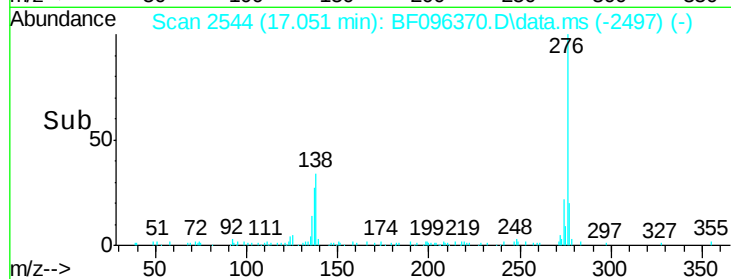
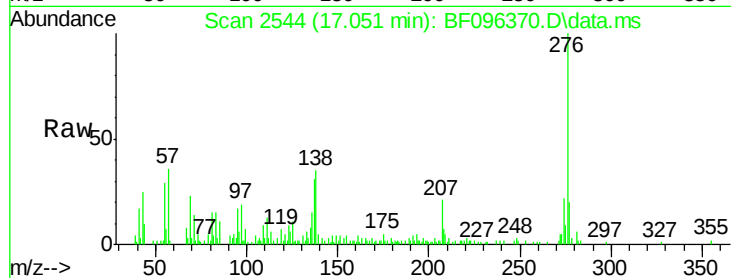
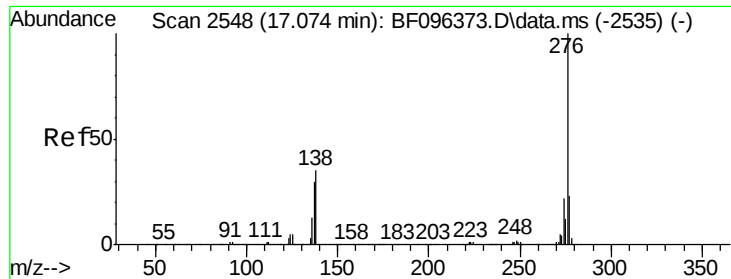
Ion Ratio Lower Upper

278 100

139 29.5 16.6 24.8#

279 25.3 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 2.65 ng

RT: 17.051 min Scan# 25

Delta R.T. -0.024 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

Tot Ion:276 Resp: 46561

Ion Ratio Lower Upper

276 100

277 20.4 18.6 28.0

138 35.1 25.4 38.0

