

Data Path : Z:\HPCHEM1\BNA F\Data\BF070117\  
 Data File : BF096373.D  
 Acq On : 1 Jul 2017 12:32  
 Operator : SJ/MA  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICCC040

Quant Time: Jul 01 13:09:13 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  | 171231   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.022  | 136  | 721291   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.769  | 164  | 305944   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.251 | 188  | 504613   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.880 | 240  | 340153   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.286 | 264  | 289474   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |        |     |         |       |    |      |
|--------------------------|--------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.346  | 112 | 919057  | 77.33 | ng | 0.00 |
| 7) Phenol-d6             | 6.375  | 99  | 1137127 | 79.01 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.304  | 82  | 970324  | 93.13 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.557 | 330 | 189101  | 78.54 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.098  | 172 | 1449741 | 86.78 | ng | 0.00 |
| 78) Terphenyl-d14        | 12.833 | 244 | 1212744 | 88.96 | ng | 0.00 |

## Target Compounds

|                               |       |     |         |       |    | Qvalue |
|-------------------------------|-------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                | 2.428 | 88  | 229232  | 40.44 | ng | # 81   |
| 3) Pyridine                   | 3.134 | 79  | 600547  | 38.62 | ng | # 71   |
| 4) n-Nitrosodimethylamine     | 3.081 | 42  | 303579  | 39.47 | ng | 89     |
| 6) Aniline                    | 6.398 | 93  | 734963  | 37.04 | ng | 97     |
| 8) 2-Chlorophenol             | 6.522 | 128 | 490663  | 42.07 | ng | 93     |
| 9) Benzaldehyde               | 6.281 | 77  | 358516  | 41.29 | ng | 99     |
| 10) Phenol                    | 6.387 | 94  | 648286  | 40.98 | ng | 86     |
| 11) bis(2-Chloroethyl)ether   | 6.475 | 93  | 506749  | 39.14 | ng | 91     |
| 12) 1,3-Dichlorobenzene       | 6.681 | 146 | 510114  | 39.69 | ng | 98     |
| 13) 1,4-Dichlorobenzene       | 6.757 | 146 | 524854  | 40.68 | ng | 96     |
| 14) 1,2-Dichlorobenzene       | 6.910 | 146 | 466162  | 39.66 | ng | 98     |
| 15) Benzyl Alcohol            | 6.881 | 79  | 383577  | 39.50 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropr... | 7.016 | 45  | 1035169 | 37.85 | ng | 92     |
| 17) 2-Methylphenol            | 6.992 | 107 | 396919  | 39.24 | ng | 98     |
| 18) Hexachloroethane          | 7.251 | 117 | 190789  | 41.00 | ng | # 79   |
| 19) n-Nitroso-di-n-propyla... | 7.157 | 70  | 338271  | 39.23 | ng | # 86   |
| 20) 3+4-Methylphenols         | 7.151 | 107 | 444928  | 38.57 | ng | 98     |
| 22) Acetophenone              | 7.145 | 105 | 609101  | 40.63 | ng | # 91   |
| 24) Nitrobenzene              | 7.322 | 77  | 507049  | 43.95 | ng | 90     |
| 25) Isophorone                | 7.563 | 82  | 937073  | 39.60 | ng | 97     |
| 26) 2-Nitrophenol             | 7.634 | 139 | 275709  | 57.29 | ng | # 85   |
| 27) 2,4-Dimethylphenol        | 7.681 | 122 | 453301  | 42.40 | ng | 95     |
| 28) bis(2-Chloroethoxy)met... | 7.775 | 93  | 620079  | 38.68 | ng | 99     |
| 29) 2,4-Dichlorophenol        | 7.881 | 162 | 391545  | 42.94 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene    | 7.963 | 180 | 369248  | 40.80 | ng | 97     |
| 31) Naphthalene               | 8.045 | 128 | 1346871 | 38.74 | ng | 100    |
| 32) Benzoic acid              | 7.810 | 122 | 350818  | 53.47 | ng | 94     |
| 33) 4-Chloroaniline           | 8.086 | 127 | 565427  | 39.29 | ng | 98     |
| 34) Hexachlorobutadiene       | 8.169 | 225 | 188146  | 41.90 | ng | 97     |
| 35) Caprolactam               | 8.463 | 113 | 130555  | 41.43 | ng | # 58   |
| 36) 4-Chloro-3-methylphenol   | 8.575 | 107 | 424125  | 42.75 | ng | 91     |
| 37) 2-Methylnaphthalene       | 8.734 | 142 | 848333  | 37.57 | ng | 98     |
| 39) 1,2,4,5-Tetrachloroben... | 8.904 | 216 | 315470  | 42.60 | ng | 99     |
| 40) Hexachlorocyclopentadiene | 8.892 | 237 | 164319  | 49.49 | ng | 98     |

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 ALS Vial : 5 Sample Multiplier: 1

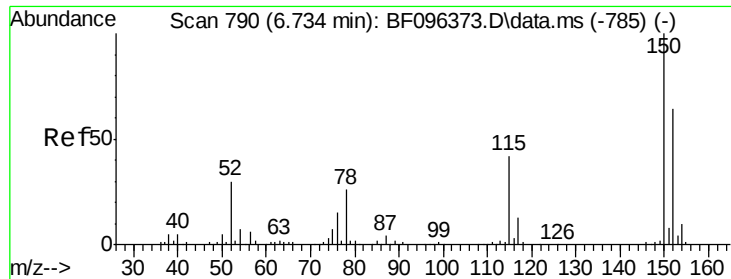
Instrument :  
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Quant Time: Jul 01 13:09:13 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M  
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| Internal Standards            | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol     | 9.010  | 196  | 252881   | 45.30 | nq    | 99       |
| 43) 2,4,5-Trichlorophenol     | 9.051  | 196  | 249885   | 42.47 | nq    | 94       |
| 45) 1,1'-Biphenyl             | 9.198  | 154  | 1036664  | 44.16 | nq    | 97       |
| 46) 2-Chloronaphthalene       | 9.222  | 162  | 774240   | 39.76 | nq    | 95       |
| 47) 2-Nitroaniline            | 9.310  | 65   | 289564   | 47.08 | nq    | 96       |
| 48) Acenaphthylene            | 9.633  | 152  | 1224536  | 37.90 | nq    | 100      |
| 49) Dimethylphthalate         | 9.498  | 163  | 896604   | 40.95 | nq    | 100      |
| 50) 2,6-Dinitrotoluene        | 9.557  | 165  | 206172   | 45.27 | nq    | # 86     |
| 51) Acenaphthene              | 9.804  | 154  | 756708   | 39.79 | nq    | 100      |
| 52) 3-Nitroaniline            | 9.722  | 138  | 251072   | 43.04 | nq    | 93       |
| 53) 2,4-Dinitrophenol         | 9.828  | 184  | 112649   | 81.25 | nq    | # 70     |
| 54) Dibenzofuran              | 9.975  | 168  | 1005567  | 40.50 | nq    | 98       |
| 55) 4-Nitrophenol             | 9.880  | 139  | 215689   | 45.73 | nq    | # 66     |
| 56) 2,4-Dinitrotoluene        | 9.957  | 165  | 265787   | 46.30 | nq    | # 75     |
| 57) Fluorene                  | 10.322 | 166  | 717502   | 39.47 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol | 10.098 | 232  | 172973   | 42.08 | nq    | # 98     |
| 59) Diethylphthalate          | 10.198 | 149  | 852700   | 38.79 | nq    | 99       |
| 60) 4-Chlorophenyl-phenyle... | 10.310 | 204  | 305634   | 41.75 | nq    | 97       |
| 61) 4-Nitroaniline            | 10.333 | 138  | 230774   | 45.48 | nq    | 88       |
| 62) Azobenzene                | 10.475 | 77   | 842772   | 38.01 | nq    | 93       |
| 64) 4,6-Dinitro-2-methylph... | 10.369 | 198  | 147781   | 64.35 | nq    | 82       |
| 65) n-Nitrosodiphenylamine    | 10.428 | 169  | 698555   | 38.49 | nq    | 98       |
| 66) 4-Bromophenyl-phenylether | 10.798 | 248  | 195609   | 37.67 | nq    | 96       |
| 67) Hexachlorobenzene         | 10.869 | 284  | 214425   | 40.17 | nq    | # 85     |
| 68) Atrazine                  | 10.957 | 200  | 200018   | 41.77 | nq    | 95       |
| 69) Pentachlorophenol         | 11.057 | 266  | 135148   | 44.35 | nq    | 98       |
| 70) Phenanthrene              | 11.275 | 178  | 1057581  | 38.79 | nq    | 99       |
| 71) Anthracene                | 11.327 | 178  | 1091992  | 38.72 | nq    | 99       |
| 72) Carbazole                 | 11.480 | 167  | 1097713  | 35.26 | nq    | 99       |
| 73) Di-n-butylphthalate       | 11.822 | 149  | 1338242  | 40.71 | nq    | 97       |
| 74) Fluoranthene              | 12.457 | 202  | 1056565  | 37.69 | nq    | 98       |
| 76) Benzidine                 | 12.574 | 184  | 657470   | 51.55 | nq    | 95       |
| 77) Pyrene                    | 12.686 | 202  | 1082870  | 38.74 | nq    | 99       |
| 79) Butylbenzylphthalate      | 13.310 | 149  | 555248   | 43.35 | nq    | # 83     |
| 80) Benzo(a)anthracene        | 13.868 | 228  | 765960   | 36.94 | nq    | 98       |
| 81) 3,3'-Dichlorobenzidine    | 13.833 | 252  | 327399   | 41.46 | nq    | # 97     |
| 82) Chrysene                  | 13.910 | 228  | 814240   | 37.97 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phtha... | 13.874 | 149  | 602248   | 43.26 | nq    | 99       |
| 84) Di-n-octyl phthalate      | 14.480 | 149  | 1205617  | 42.04 | nq    | # 94     |
| 85) Indeno(1,2,3-cd)pyrene    | 16.657 | 276  | 616176   | 34.61 | nq    | 94       |
| 87) Benzo(b)fluoranthene      | 14.886 | 252  | 744208   | 39.14 | nq    | # 96     |
| 88) Benzo(k)fluoranthene      | 14.915 | 252  | 627109   | 36.12 | nq    | 97       |
| 89) Benzo(a)pyrene            | 15.233 | 252  | 645389   | 38.43 | nq    | 98       |
| 90) Dibenzo(a,h)anthracene    | 16.674 | 278  | 496502   | 37.75 | nq    | # 93     |
| 91) Benzo(g,h,i)perylene      | 17.074 | 276  | 516066   | 37.75 | nq    | 97       |

(#) = 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: BF096373.D

Acq: 1 Jul 2017 12:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

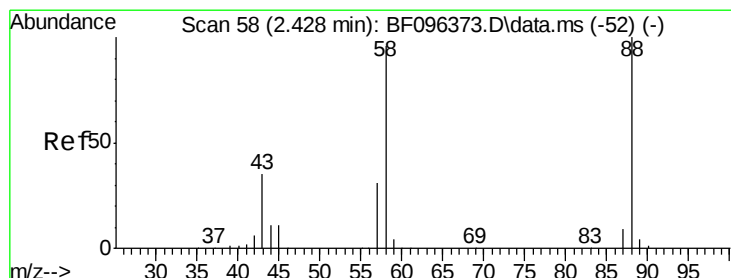
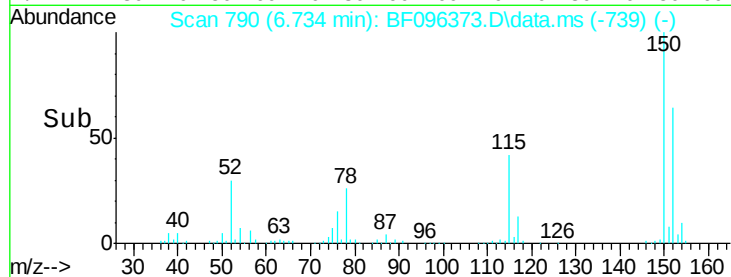
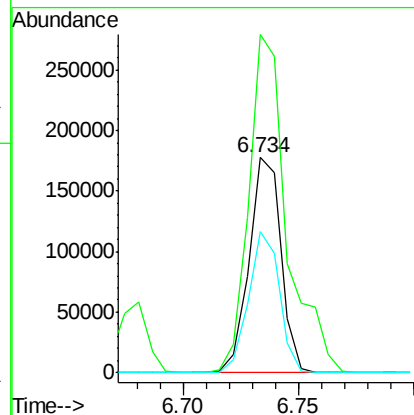
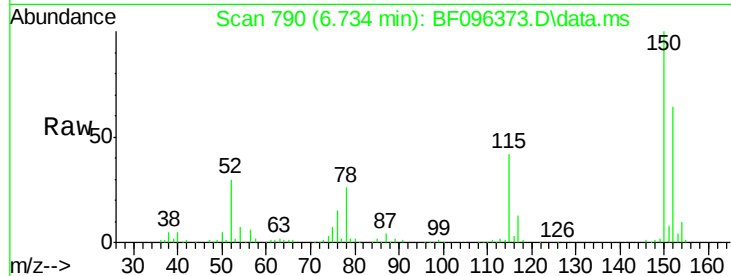
Tot Ion:152 Resp: 171231

Ion Ratio Lower Upper

152 100

150 157.4 126.2 189.2

115 65.5 52.2 78.2



#2

1,4-Dioxane

Concen: 40.44 ng

RT: 2.428 min Scan# 58

Delta R.T. 0.000 min

Lab File: BF096373.D

Acq: 1 Jul 2017 12:32

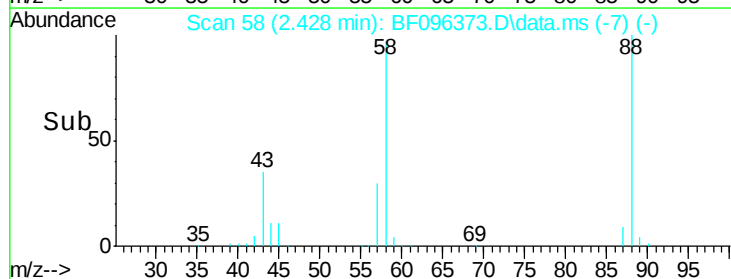
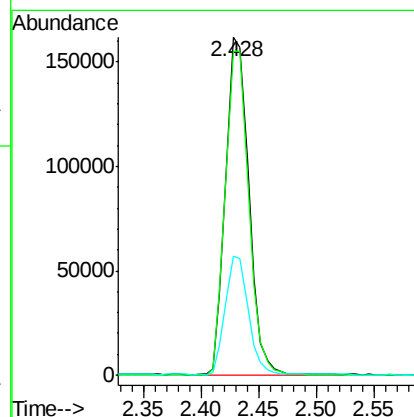
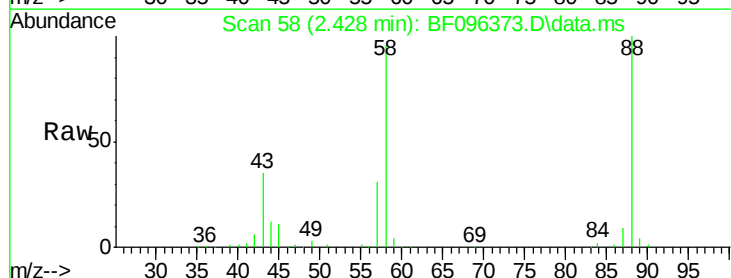
Tgt Ion: 88 Resp: 229232

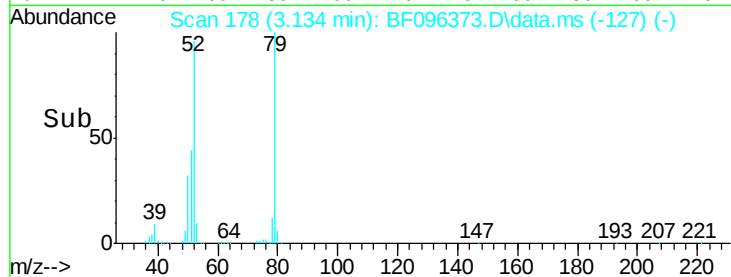
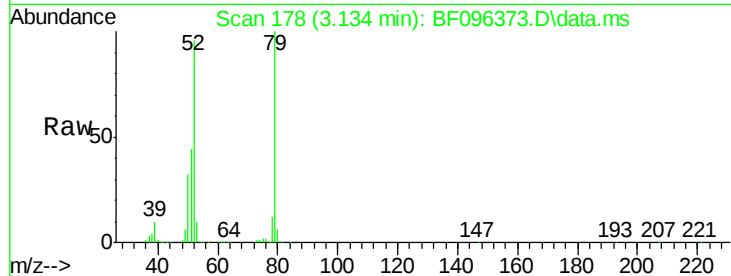
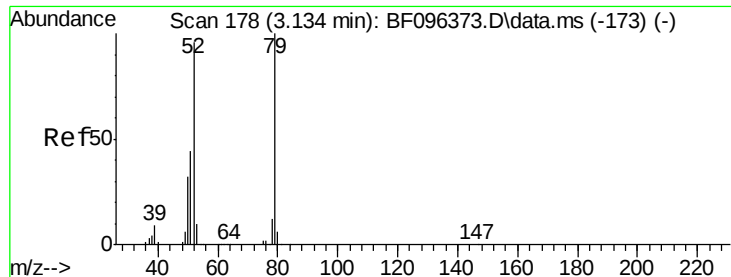
Ion Ratio Lower Upper

88 100

58 96.1 61.4 92.0#

43 34.2 23.4 35.0





#3

Pvridine

Concen: 38.62 ng

RT: 3.134 min Scan# 17

Delta R.T. 0.000 min

Lab File: BF096373.D

Acq: 1 Jul 2017 12:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

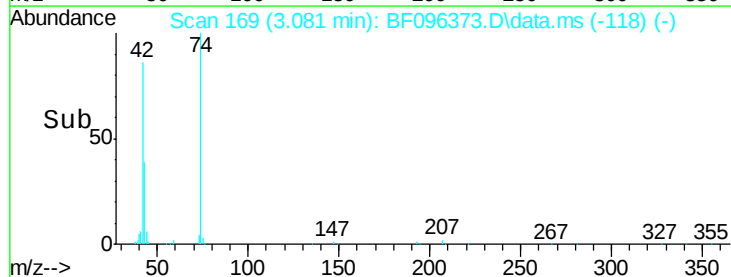
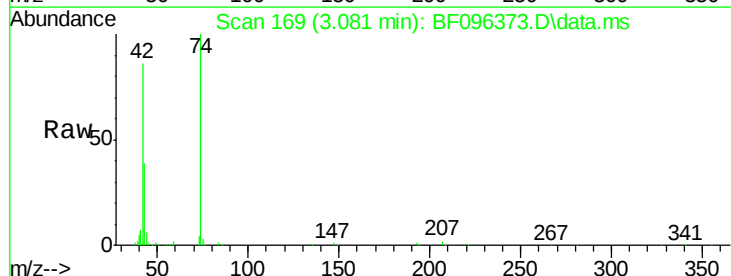
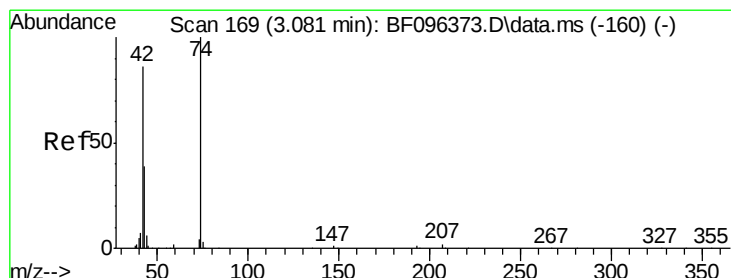
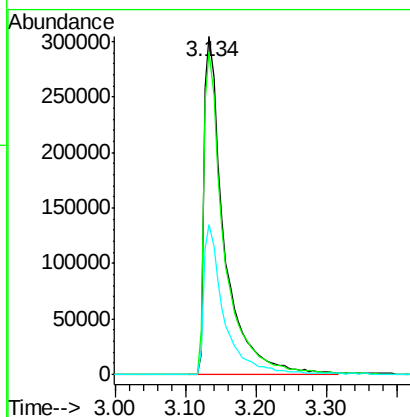
Tot Ion: 79 Resp: 600547

Ion Ratio Lower Upper

79 100

52 95.6 54.8 82.2#

51 44.4 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 39.47 ng

RT: 3.081 min Scan# 169

Delta R.T. 0.000 min

Lab File: BF096373.D

Acq: 1 Jul 2017 12:32

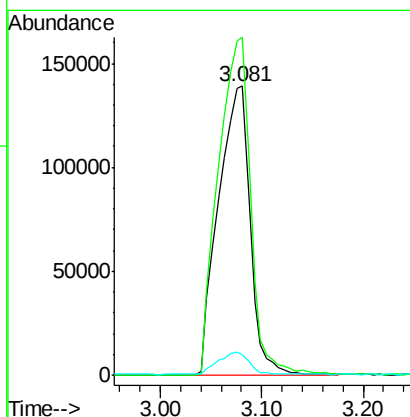
Tgt Ion: 42 Resp: 303579

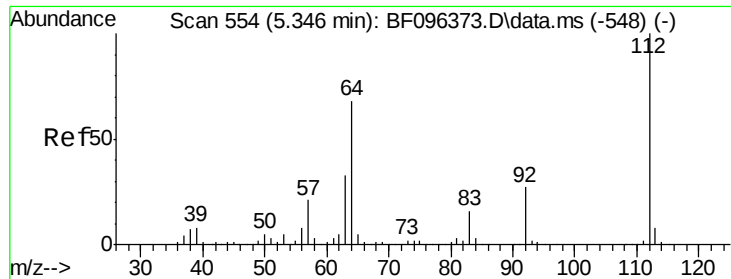
Ion Ratio Lower Upper

42 100

74 116.9 103.9 155.9

44 7.2 5.7 8.5





#5

2-Fluorophenol

Concen: 77.33 ng

RT: 5.346 min Scan# 554

Delta R.T. 0.000 min

Lab File: BF096373.D

Acq: 1 Jul 2017 12:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

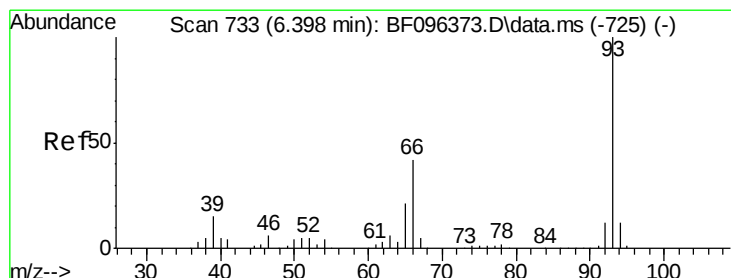
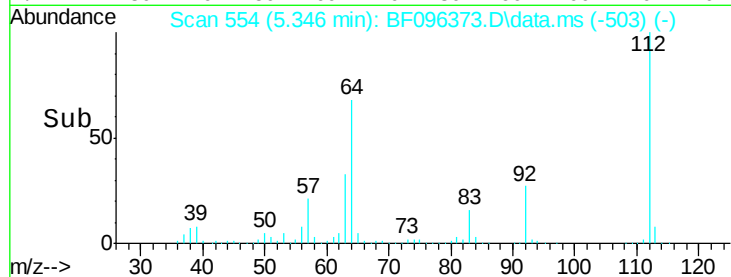
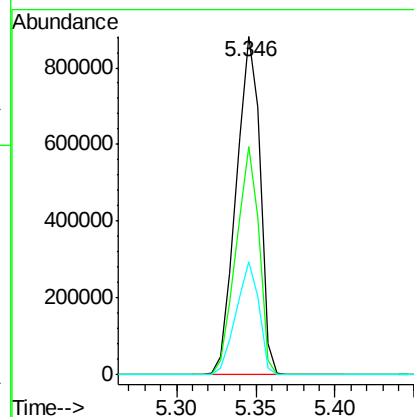
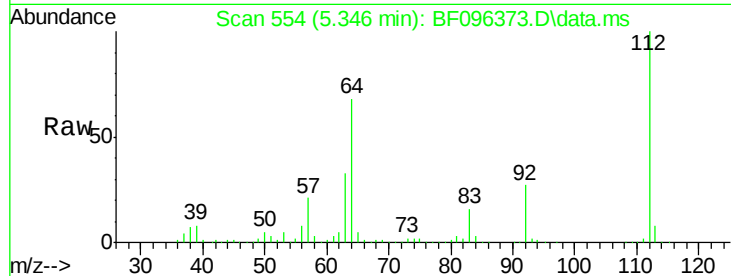
Tot Ion:112 Resp: 919057

Ion Ratio Lower Upper

112 100

64 67.5 46.0 69.0

63 33.2 23.4 35.0



#6

Aniline

Concen: 37.04 ng

RT: 6.398 min Scan# 733

Delta R.T. 0.000 min

Lab File: BF096373.D

Acq: 1 Jul 2017 12:32

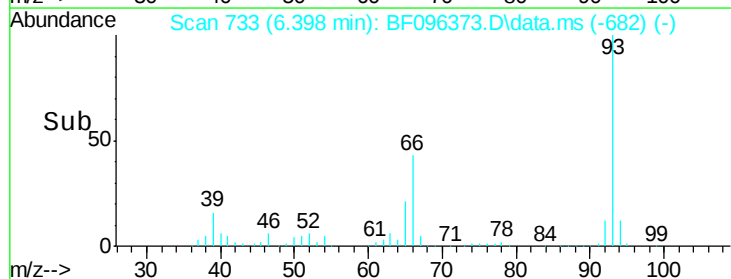
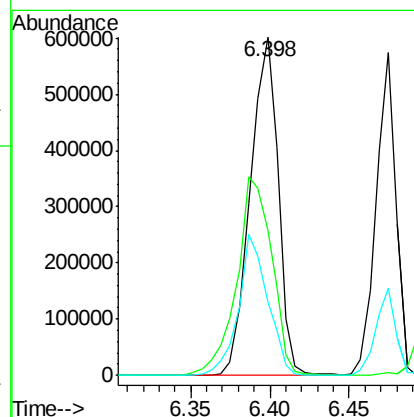
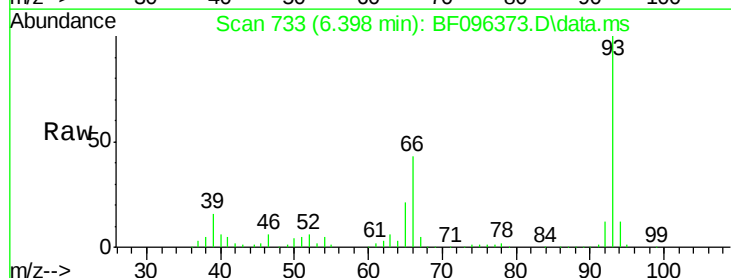
Tgt Ion: 93 Resp: 734963

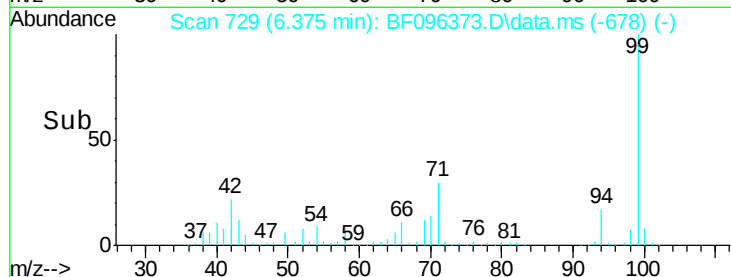
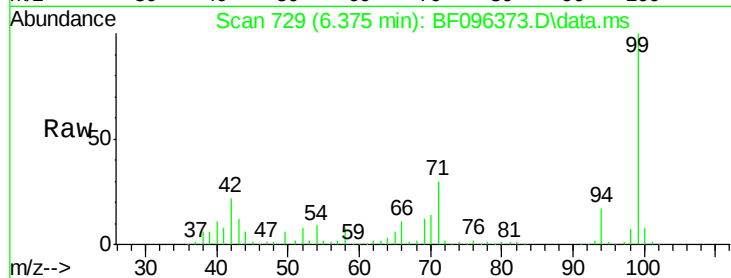
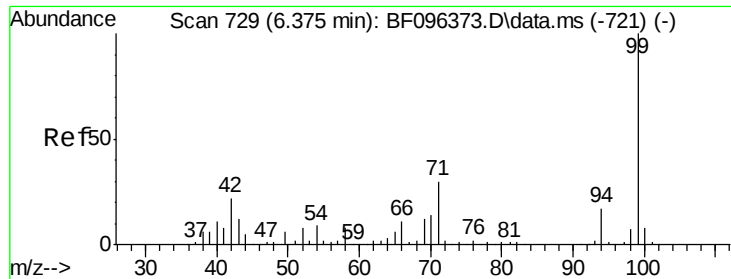
Ion Ratio Lower Upper

93 100

66 42.8 32.9 49.3

65 21.4 16.0 24.0





#7

Phenol-d6

Concen: 79.01 ng

RT: 6.375 min Scan# 729

Delta R.T. 0.000 min

Lab File: BF096373.D

Acq: 1 Jul 2017 12:32

Instrument :

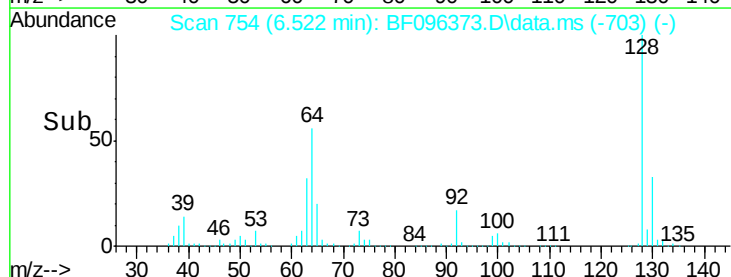
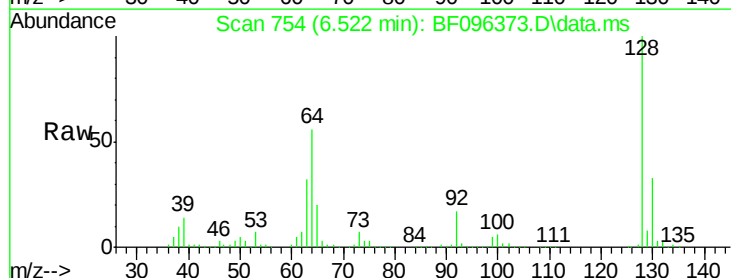
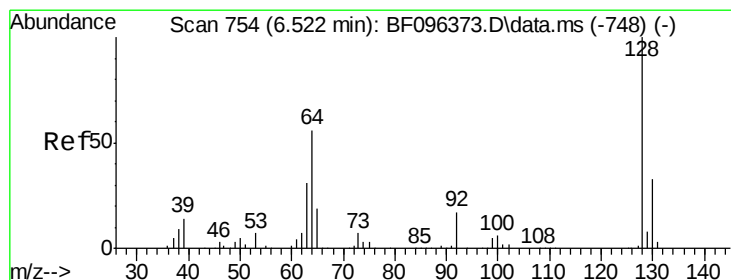
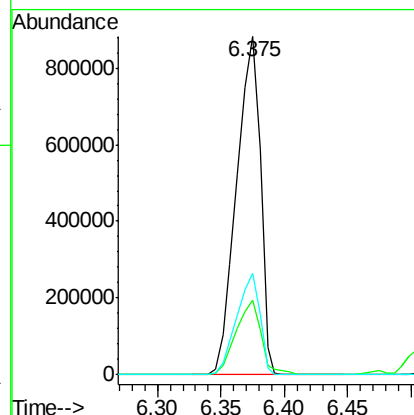
BNA\_F

ClientSampleId :

SSTDICCC040

Tot Ion: 99 Resp: 1137127

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 21.9  | 13.5  | 20.3# |
| 71  | 29.8  | 24.5  | 36.7  |



#8

2-Chlorophenol

Concen: 42.07 ng

RT: 6.522 min Scan# 754

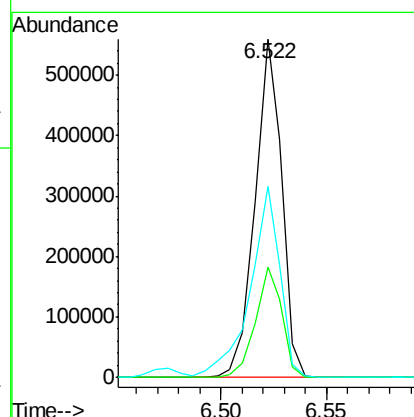
Delta R.T. 0.000 min

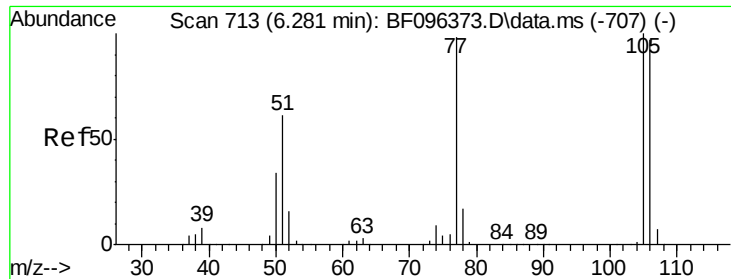
Lab File: BF096373.D

Acq: 1 Jul 2017 12:32

Tgt Ion: 128 Resp: 490663

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.7  | 12.9  | 52.9  |
| 64  | 56.4  | 28.4  | 68.4  |





#9

Benzaldehyde

Concen: 41.29 ng

RT: 6.281 min Scan# 713

Delta R.T. 0.000 min

Lab File: BF096373.D

Acq: 1 Jul 2017 12:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

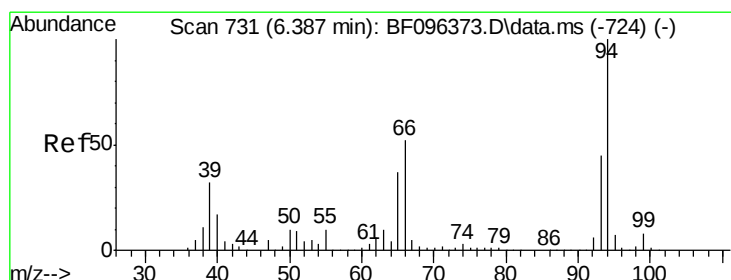
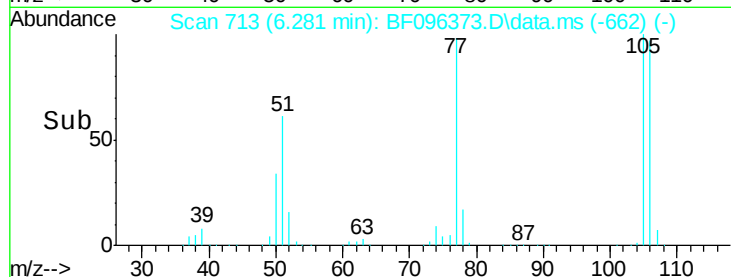
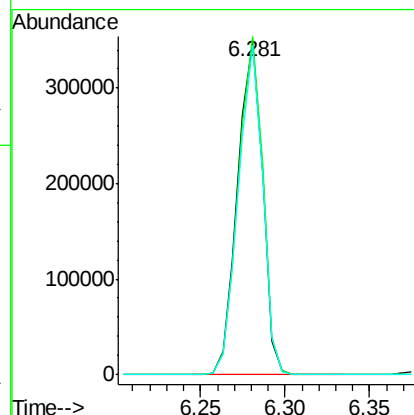
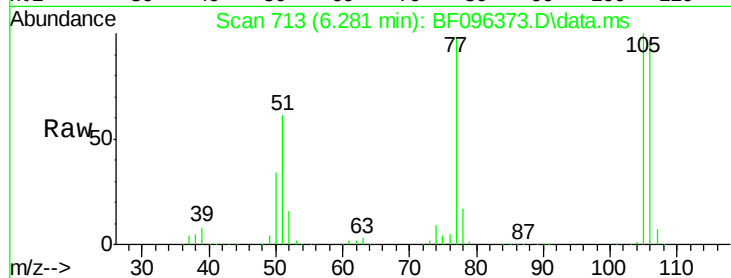
Tot Ion: 77 Resp: 358516

Ion Ratio Lower Upper

77 100

105 101.6 83.8 123.8

106 98.7 79.1 119.1



#10

Phenol

Concen: 40.98 ng

RT: 6.387 min Scan# 731

Delta R.T. 0.000 min

Lab File: BF096373.D

Acq: 1 Jul 2017 12:32

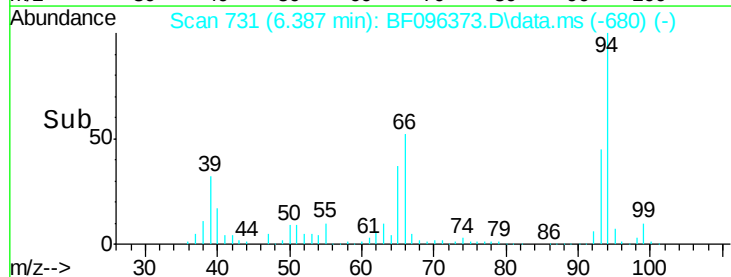
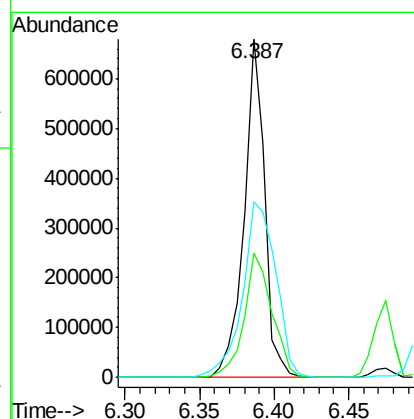
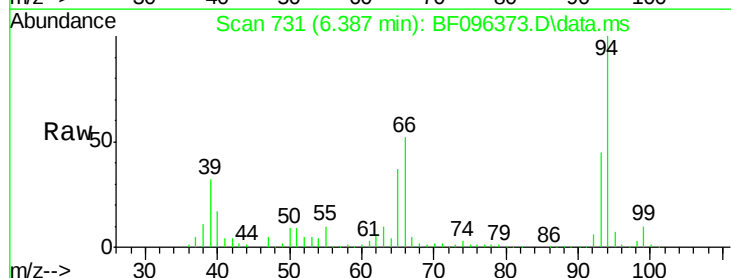
Tgt Ion: 94 Resp: 648286

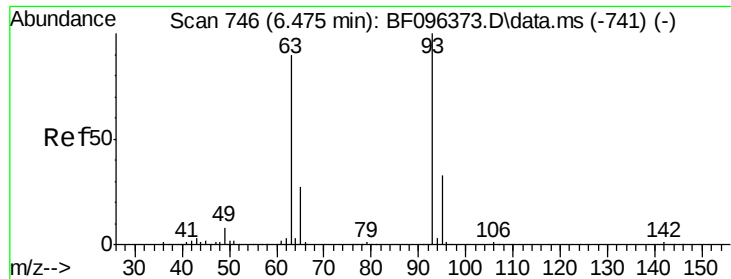
Ion Ratio Lower Upper

94 100

65 37.0 9.9 49.9

66 52.0 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 39.14 ng

RT: 6.475 min Scan# 74

Delta R.T. 0.000 min

Lab File: BF096373.D

Acq: 1 Jul 2017 12:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

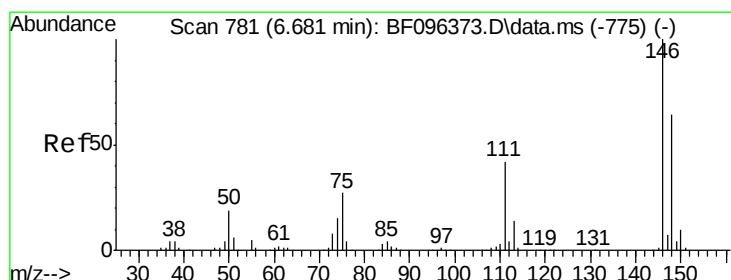
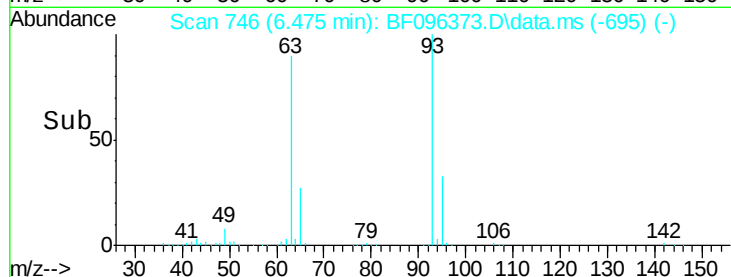
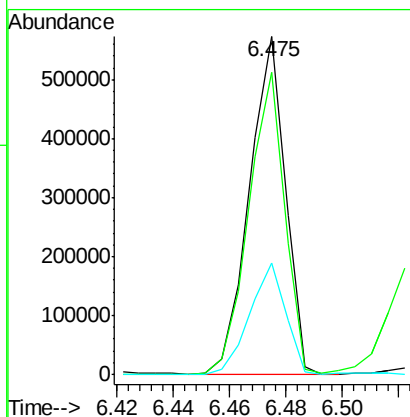
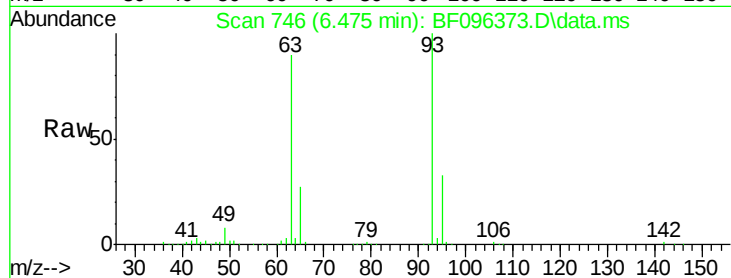
Tot Ion: 93 Resp: 506749

Ion Ratio Lower Upper

93 100

63 89.6 59.2 99.2

95 33.1 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 39.69 ng

RT: 6.681 min Scan# 781

Delta R.T. 0.000 min

Lab File: BF096373.D

Acq: 1 Jul 2017 12:32

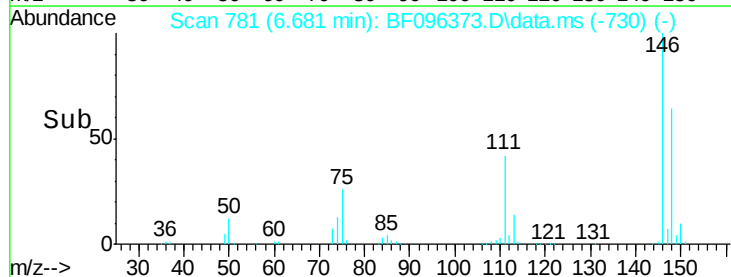
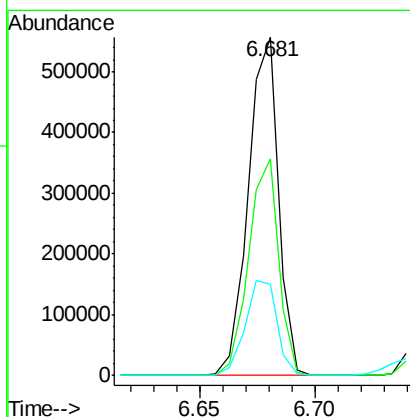
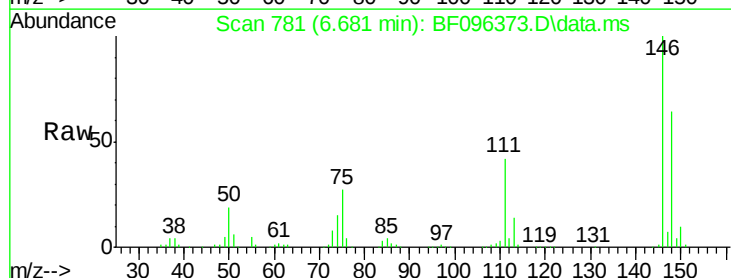
Tgt Ion: 146 Resp: 510114

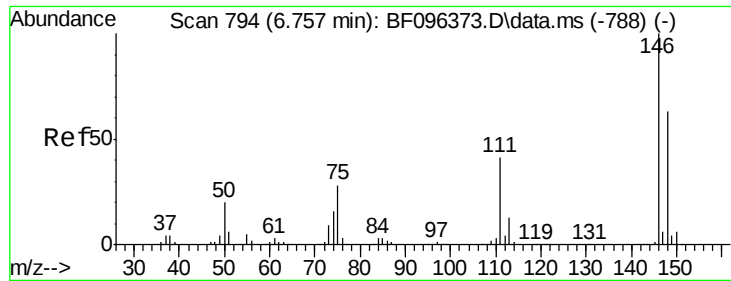
Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.6

75 26.8 23.1 34.7

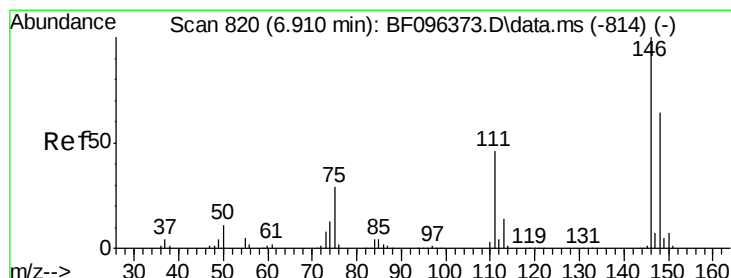
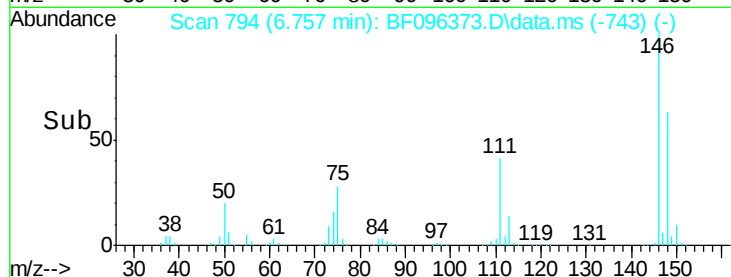
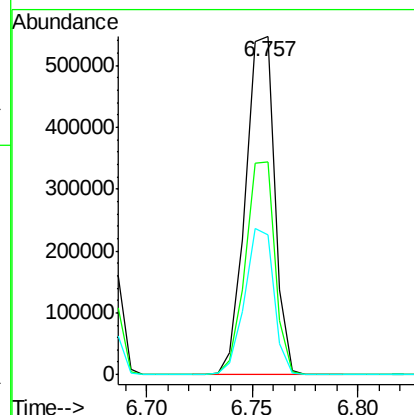
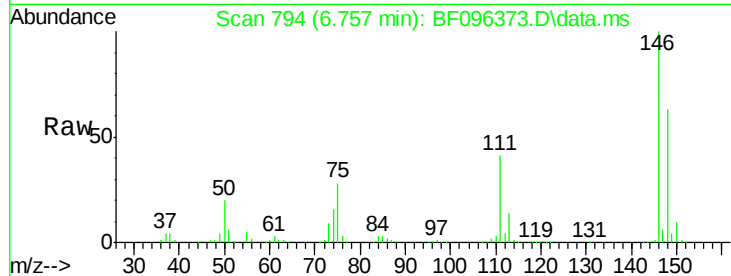




#13  
 1,4-Dichlorobenzene  
 Concen: 40.68 ng  
 RT: 6.757 min Scan# 794  
 Delta R.T. 0.000 min  
 Lab File: BF096373.D  
 Acq: 1 Jul 2017 12:32

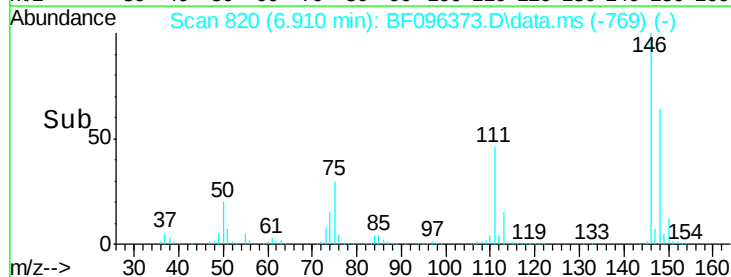
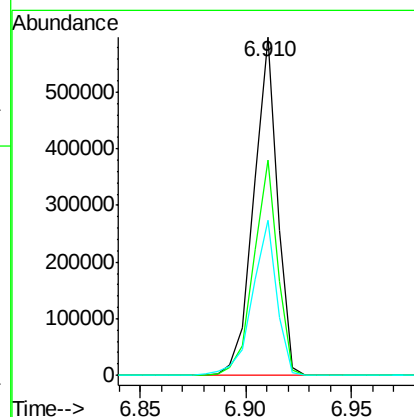
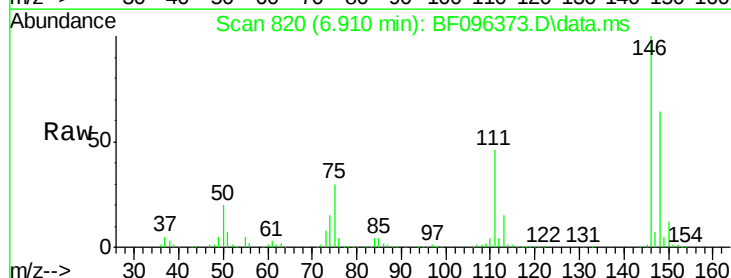
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICCC040

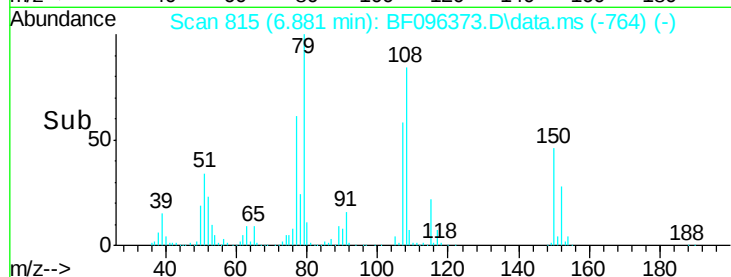
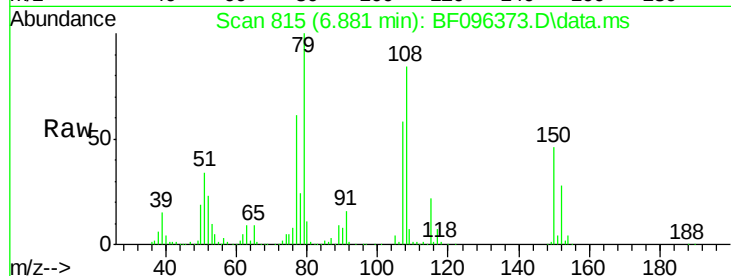
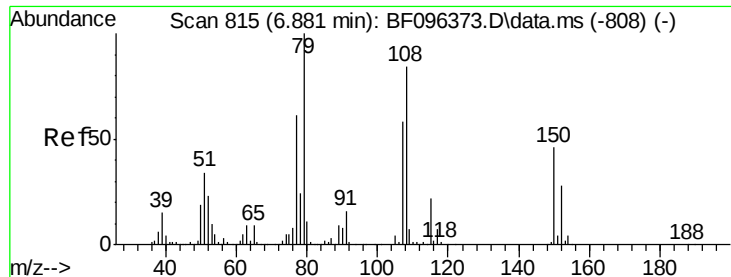
Tot Ion:146 Resp: 524854  
 Ion Ratio Lower Upper  
 146 100  
 148 63.0 52.2 78.2  
 111 41.2 30.3 45.5



#14  
 1,2-Dichlorobenzene  
 Concen: 39.66 ng  
 RT: 6.910 min Scan# 820  
 Delta R.T. 0.000 min  
 Lab File: BF096373.D  
 Acq: 1 Jul 2017 12:32

Tgt Ion:146 Resp: 466162  
 Ion Ratio Lower Upper  
 146 100  
 148 63.5 50.4 75.6  
 111 45.9 38.2 57.4





#15

Benzyl Alcohol

Concen: 39.50 ng

RT: 6.881 min Scan# 815

Delta R.T. 0.000 min

Lab File: BF096373.D

Acq: 1 Jul 2017 12:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

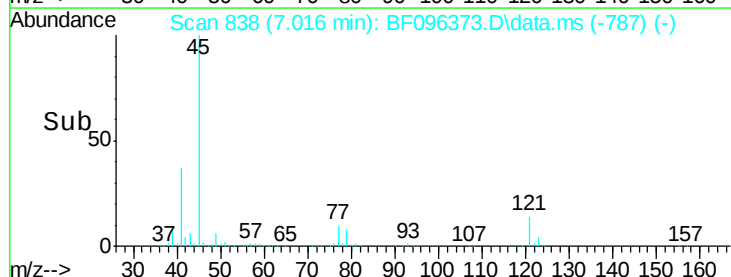
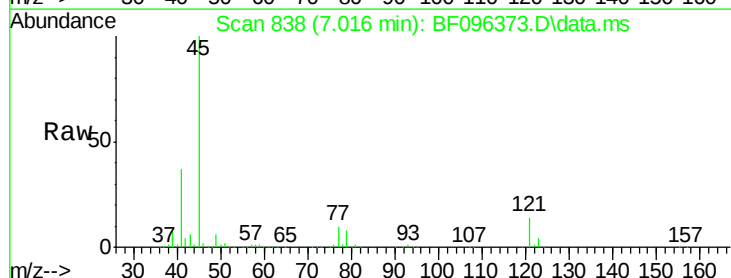
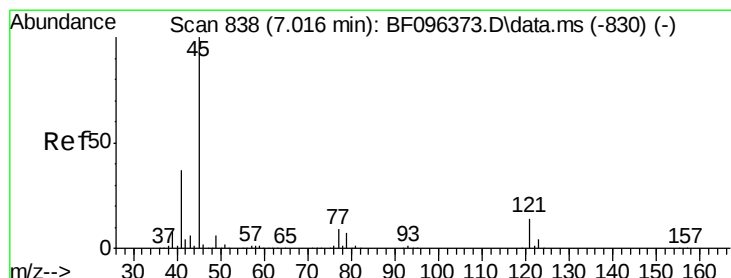
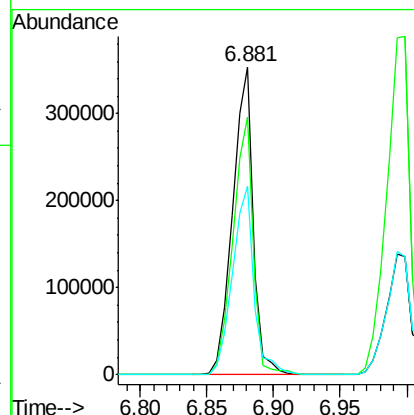
Tot Ion: 79 Resp: 383577

Ion Ratio Lower Upper

79 100

108 83.8 63.4 95.0

77 61.3 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.85 ng

RT: 7.016 min Scan# 838

Delta R.T. 0.000 min

Lab File: BF096373.D

Acq: 1 Jul 2017 12:32

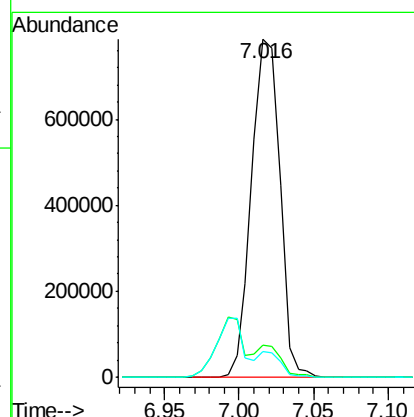
Tgt Ion: 45 Resp: 1035169

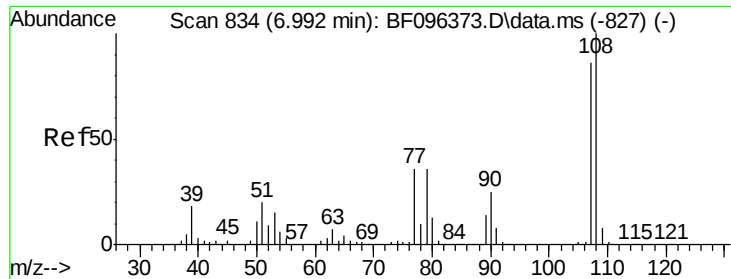
Ion Ratio Lower Upper

45 100

77 9.6 0.0 33.2

79 7.6 0.0 30.0

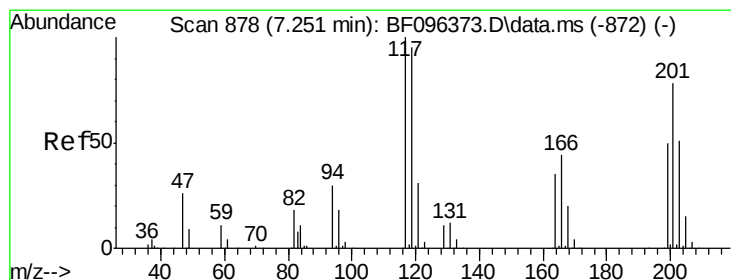
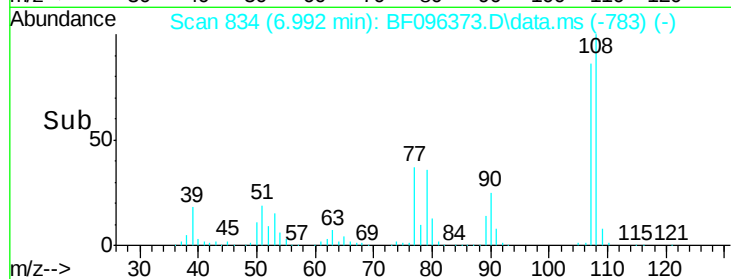
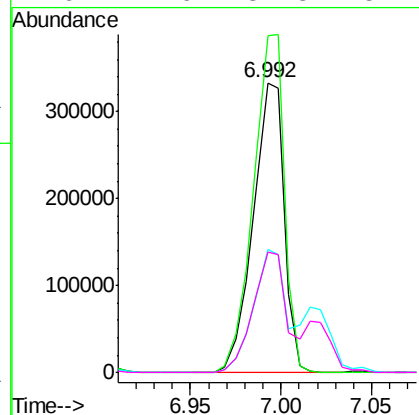
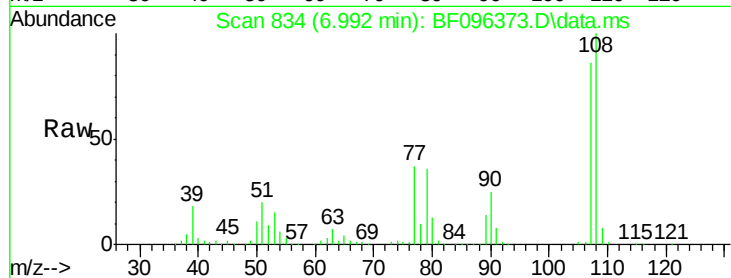




#17  
2-Methylphenol  
Concen: 39.24 ng  
RT: 6.992 min Scan# 834  
Delta R.T. 0.000 min  
Lab File: BF096373.D  
Acq: 1 Jul 2017 12:32

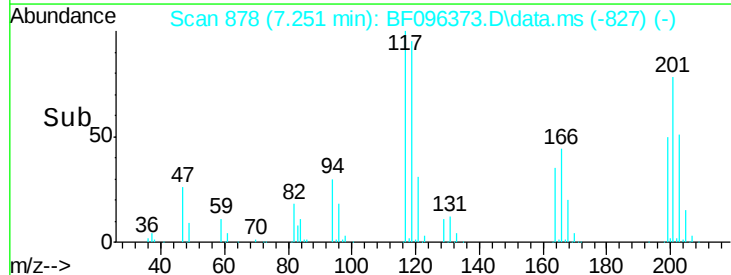
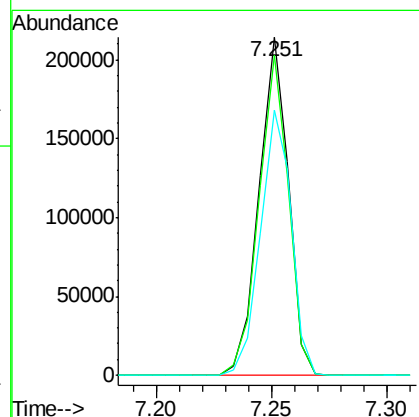
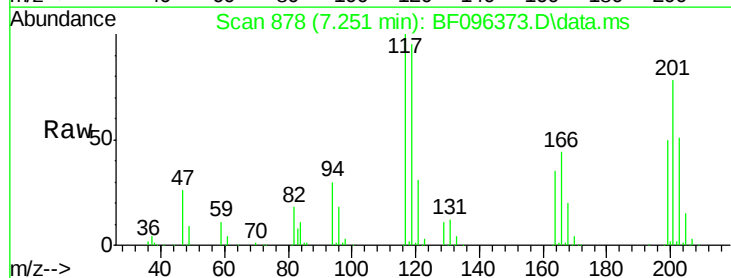
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

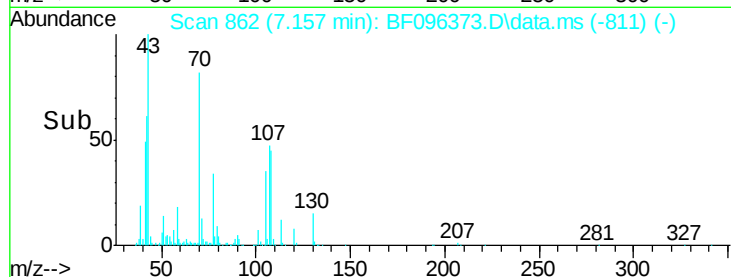
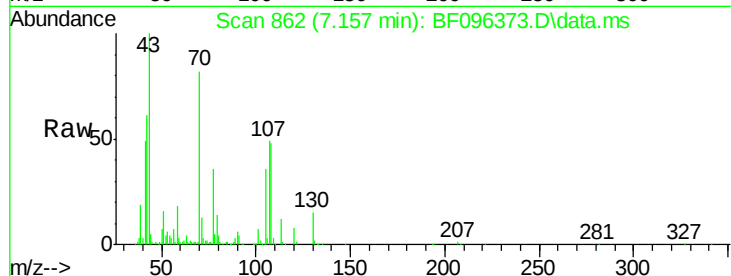
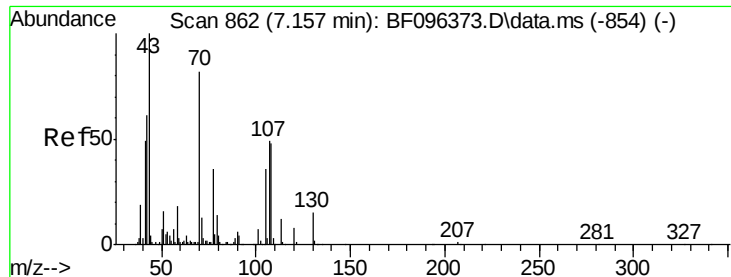
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 396919 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 116.3 | 93.4  | 140.0  |
| 77       | 42.5  | 35.8  | 53.6   |
| 79       | 41.6  | 34.8  | 52.2   |



#18  
Hexachloroethane  
Concen: 41.00 ng  
RT: 7.251 min Scan# 878  
Delta R.T. 0.000 min  
Lab File: BF096373.D  
Acq: 1 Jul 2017 12:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 190789 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 94.5  | 77.4  | 116.0  |
| 201      | 78.4  | 94.6  | 141.8# |

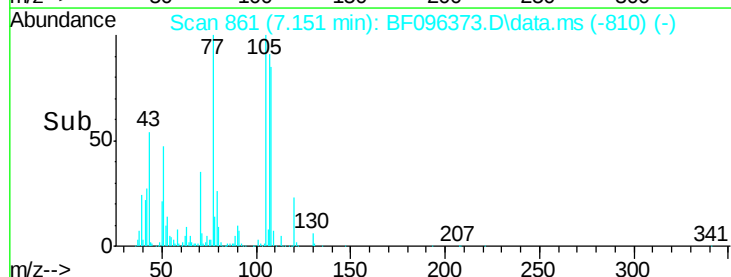
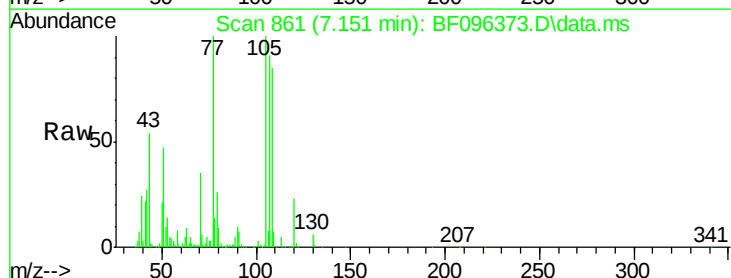
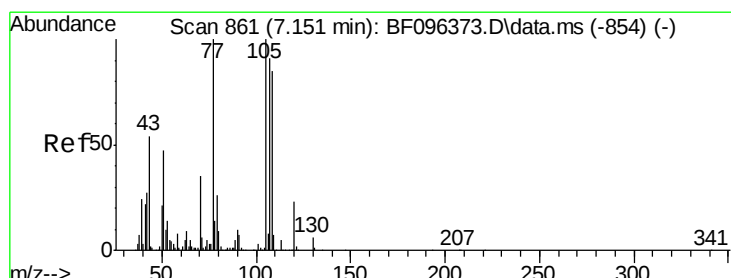
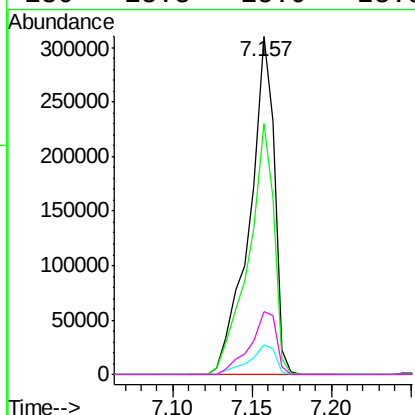




#19  
n-Nitroso-di-n-propylamine  
Concen: 39.23 ng  
RT: 7.157 min Scan# 861  
Delta R.T. 0.000 min  
Lab File: BF096373.D  
Acq: 1 Jul 2017 12:32

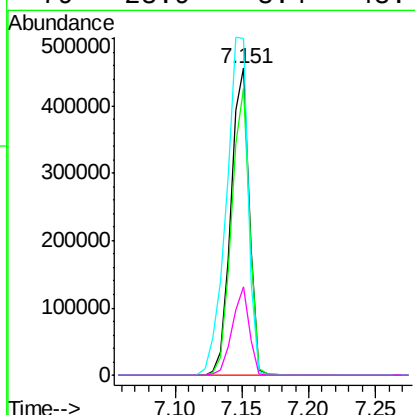
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

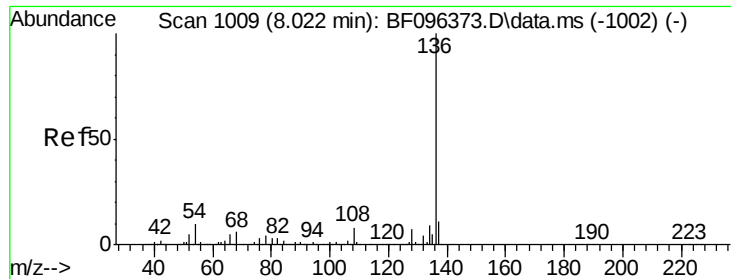
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 74.4  | 47.2  | 70.8  |
| 101     | 8.6   | 7.2   | 10.8  |
| 130     | 18.8  | 15.9  | 23.9  |



#20  
3+4-Methylphenols  
Concen: 38.57 ng  
RT: 7.151 min Scan# 861  
Delta R.T. 0.000 min  
Lab File: BF096373.D  
Acq: 1 Jul 2017 12:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 93.5  | 71.0  | 111.0 |
| 77      | 109.6 | 90.5  | 130.5 |
| 79      | 28.9  | 8.4   | 48.4  |

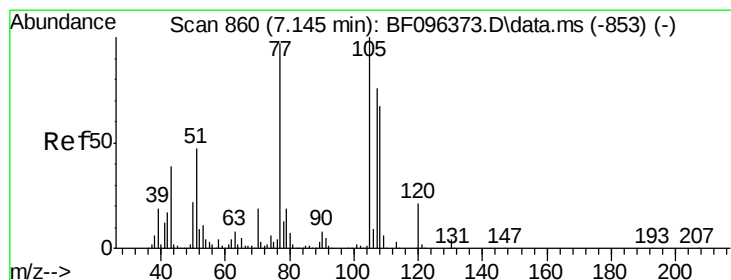
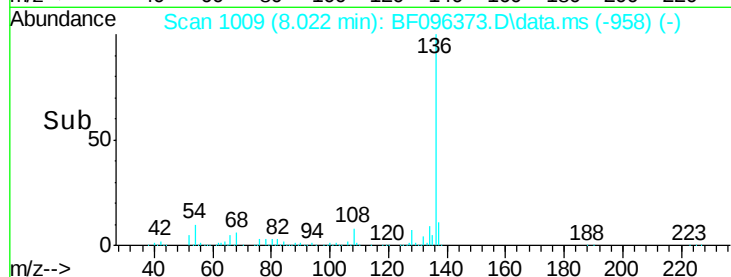
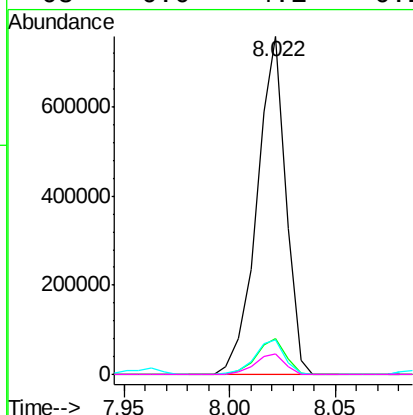
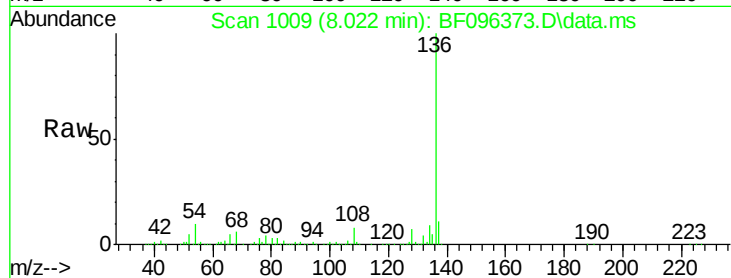




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.022 min Scan# 10  
Delta R.T. 0.000 min  
Lab File: BF096373.D  
Acq: 1 Jul 2017 12:32

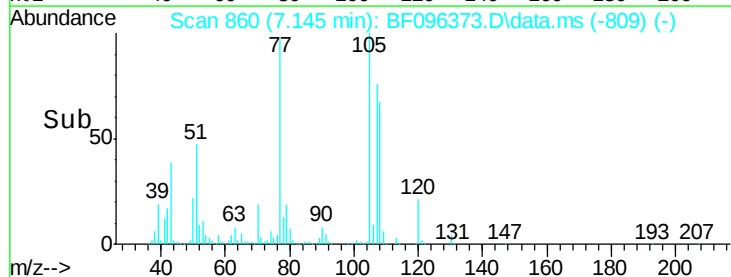
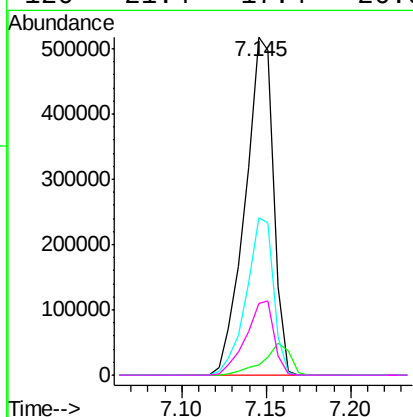
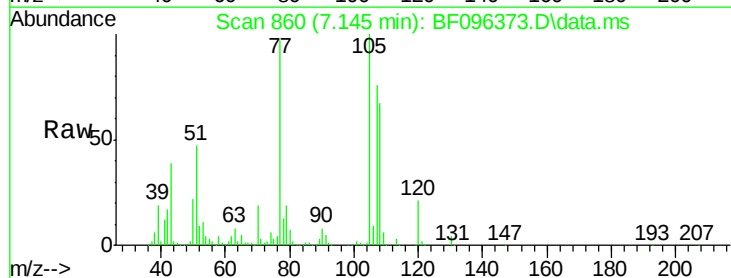
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

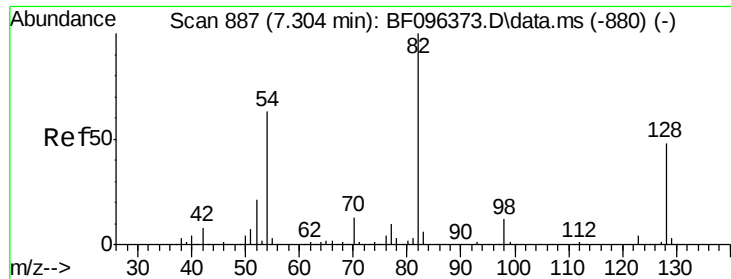
|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 721291   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 10.8  | 8.5 12.7 |
| 54          | 10.3  | 4.9 7.3# |
| 68          | 6.0   | 4.1 6.1  |



#22  
Acetophenone  
Concen: 40.63 ng  
RT: 7.145 min Scan# 860  
Delta R.T. 0.000 min  
Lab File: BF096373.D  
Acq: 1 Jul 2017 12:32

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:105 | Resp: | 609101     |
| Ion Ratio   | Lower | Upper      |
| 105         | 100   |            |
| 71          | 3.2   | 2.8 4.2    |
| 51          | 46.8  | 30.7 46.1# |
| 120         | 21.4  | 17.4 26.0  |





#23

Nitrobenzene-d5

Concen: 93.13 ng

RT: 7.304 min Scan# 887

Delta R.T. 0.000 min

Lab File: BF096373.D

Acq: 1 Jul 2017 12:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

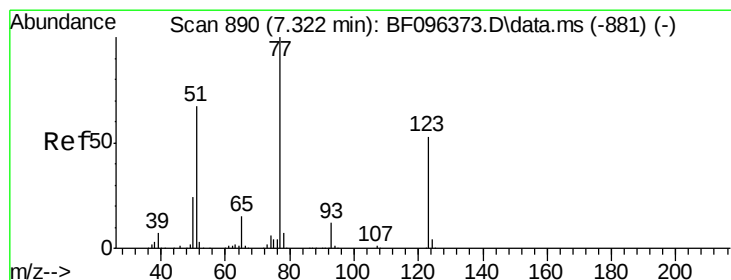
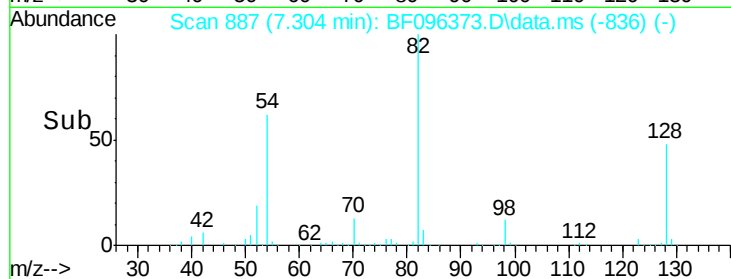
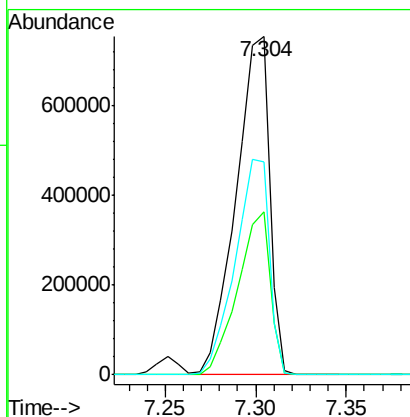
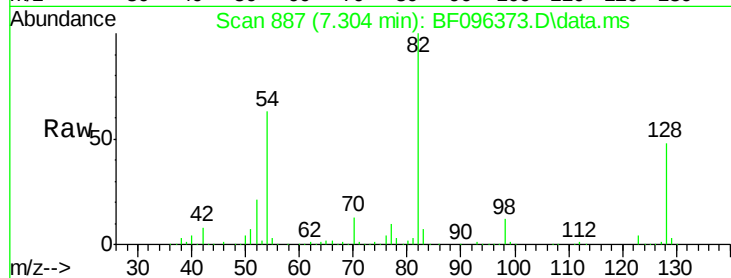
Tot Ion: 82 Resp: 970324

Ion Ratio Lower Upper

82 100

128 48.0 34.0 51.0

54 62.8 42.2 63.2



#24

Nitrobenzene

Concen: 43.95 ng

RT: 7.322 min Scan# 890

Delta R.T. 0.000 min

Lab File: BF096373.D

Acq: 1 Jul 2017 12:32

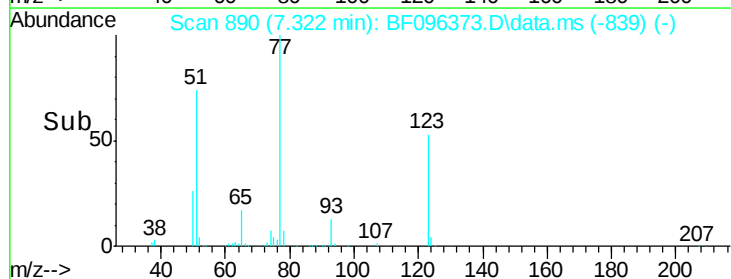
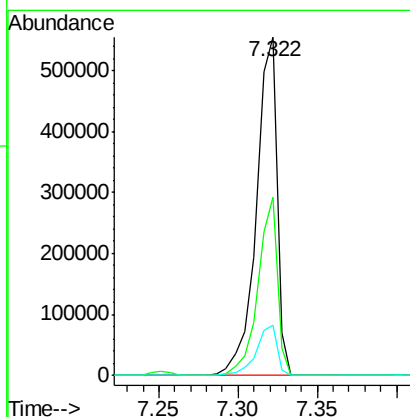
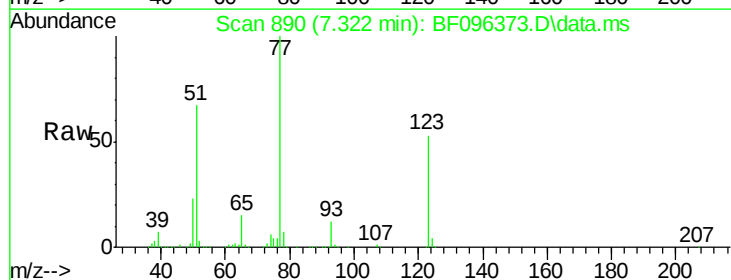
Tgt Ion: 77 Resp: 507049

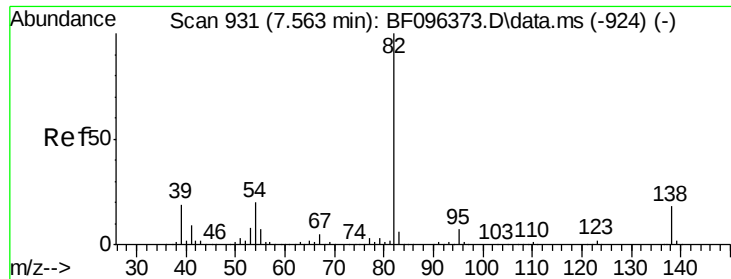
Ion Ratio Lower Upper

77 100

123 52.6 35.8 53.8

65 14.6 10.6 15.8





#25

Isophorone

Concen: 39.60 ng

RT: 7.563 min Scan# 931

Delta R.T. 0.000 min

Lab File: BF096373.D

Acq: 1 Jul 2017 12:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

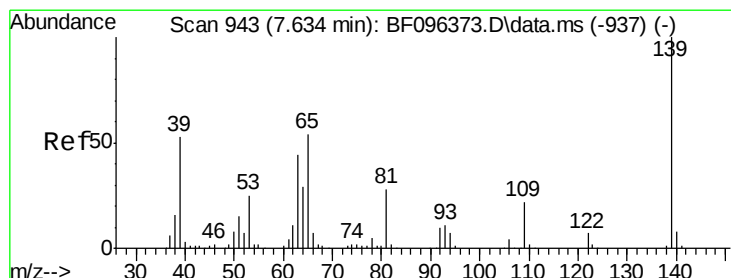
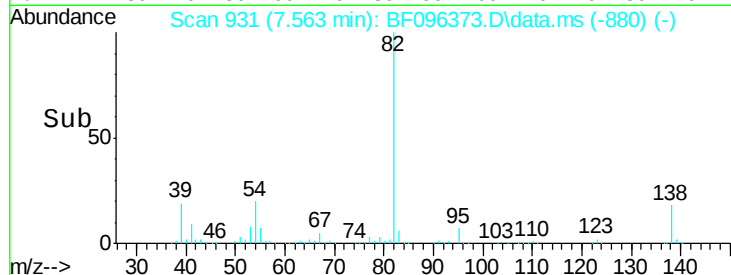
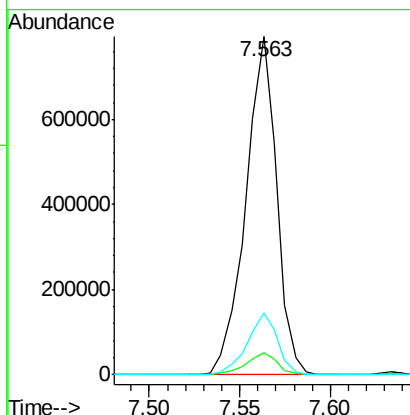
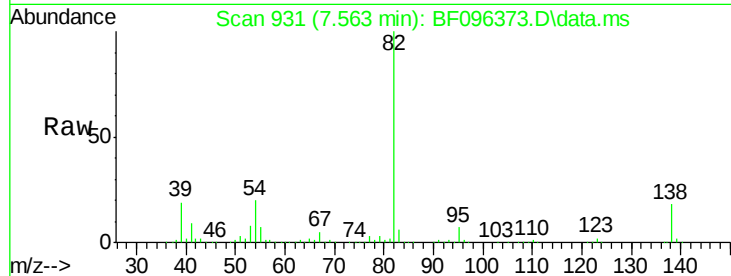
Tot Ion: 82 Resp: 937073

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 18.1 13.1 19.7



#26

2-Nitrophenol

Concen: 57.29 ng

RT: 7.634 min Scan# 943

Delta R.T. 0.000 min

Lab File: BF096373.D

Acq: 1 Jul 2017 12:32

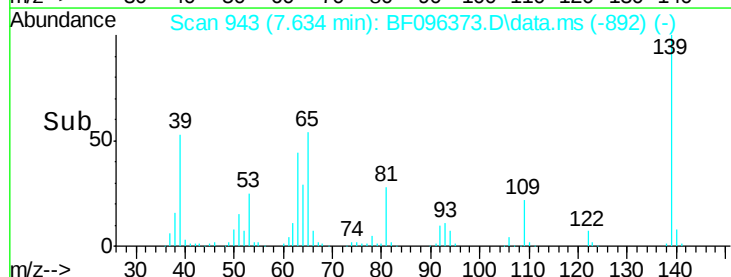
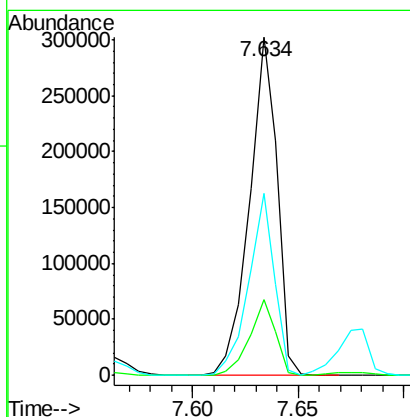
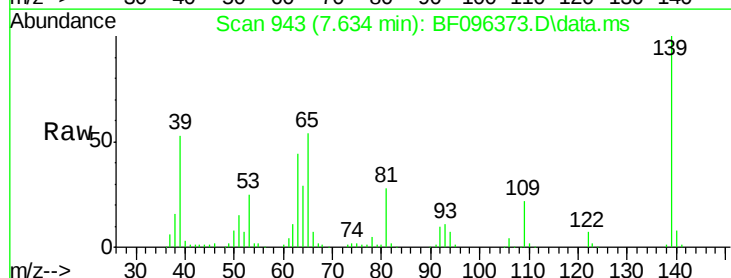
Tgt Ion: 139 Resp: 275709

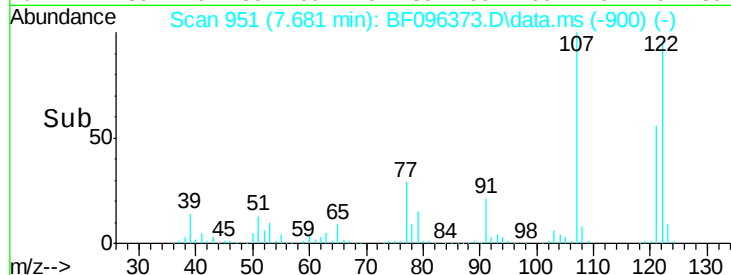
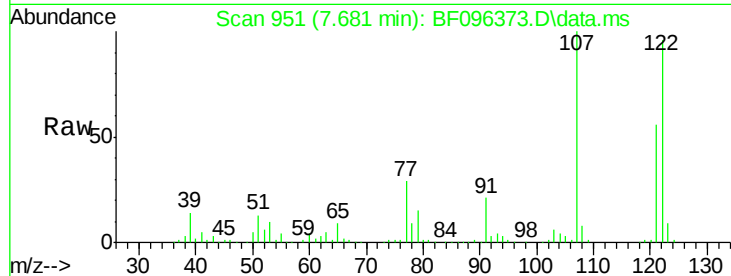
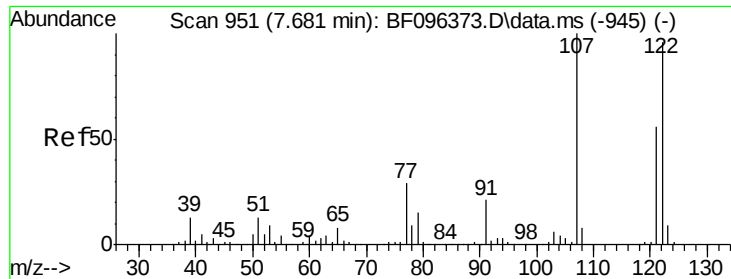
Ion Ratio Lower Upper

139 100

109 22.2 21.0 31.6

65 53.9 33.0 49.6#

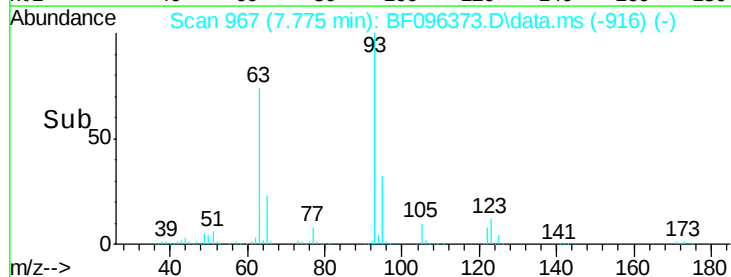
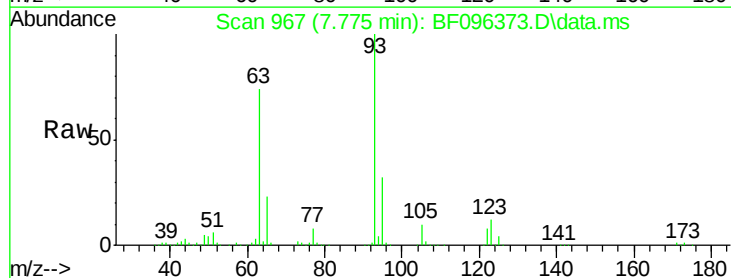
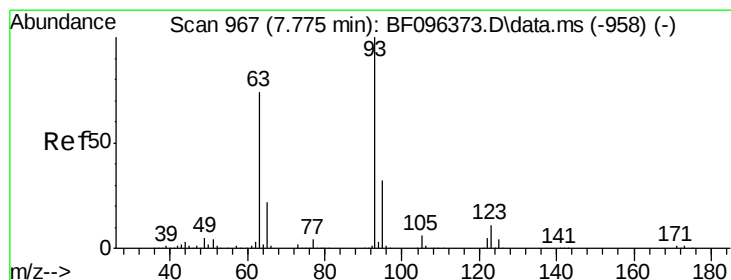
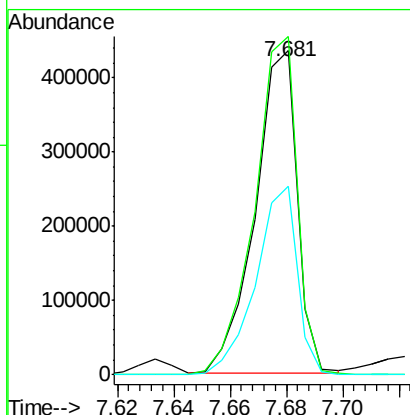




#27  
 2,4-Dimethylphenol  
 Concen: 42.40 ng  
 RT: 7.681 min Scan# 951  
 Delta R.T. 0.000 min  
 Lab File: BF096373.D  
 Acq: 1 Jul 2017 12:32

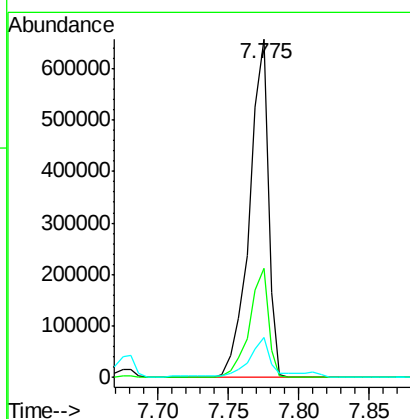
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

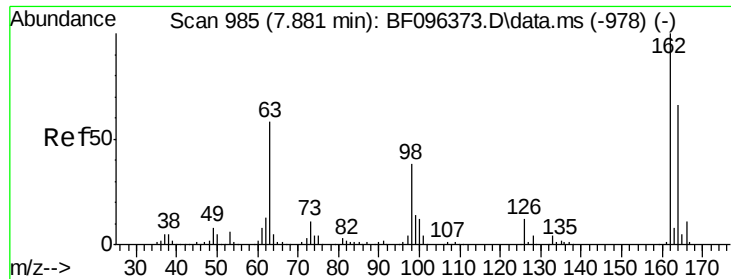
Tot Ion:122 Resp: 453301  
 Ion Ratio Lower Upper  
 122 100  
 107 104.3 89.2 133.8  
 121 58.1 45.2 67.8



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 38.68 ng  
 RT: 7.775 min Scan# 967  
 Delta R.T. 0.000 min  
 Lab File: BF096373.D  
 Acq: 1 Jul 2017 12:32

Tgt Ion: 93 Resp: 620079  
 Ion Ratio Lower Upper  
 93 100  
 95 32.4 26.5 39.7  
 123 11.6 9.0 13.4

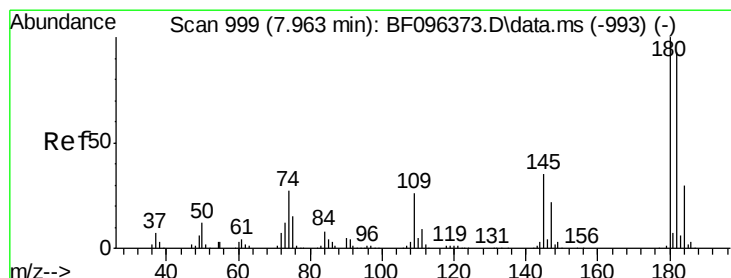
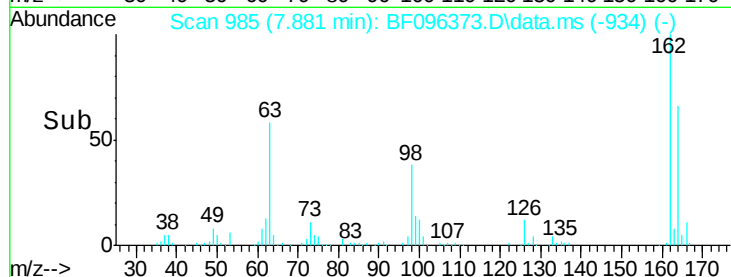
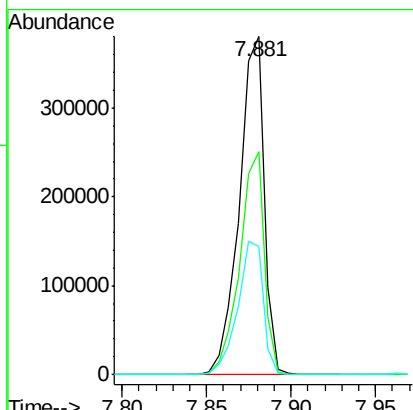
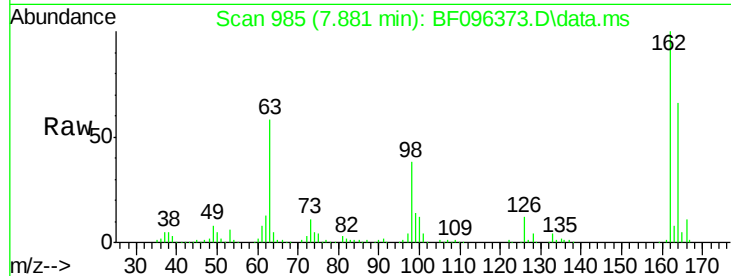




#29  
 2,4-Dichlorophenol  
 Concen: 42.94 ng  
 RT: 7.881 min Scan# 985  
 Delta R.T. 0.000 min  
 Lab File: BF096373.D  
 Acq: 1 Jul 2017 12:32

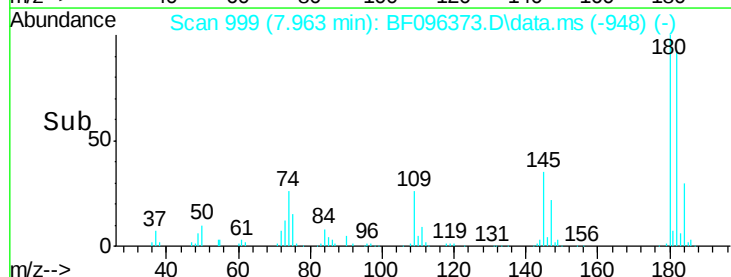
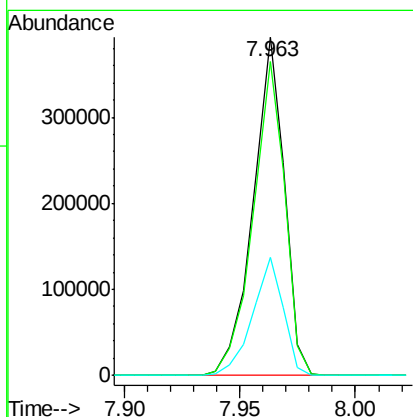
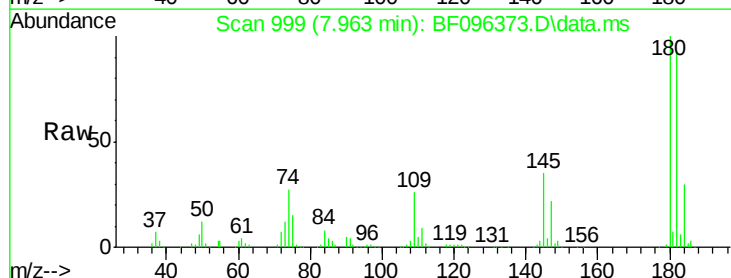
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

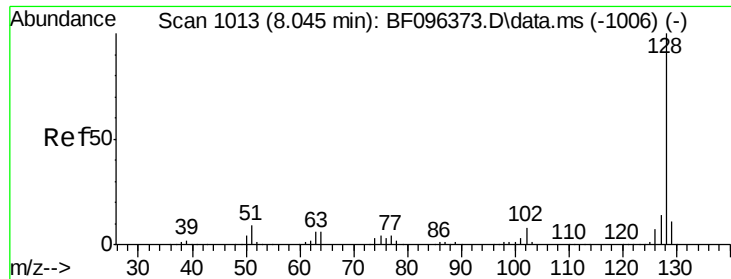
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 66.1  | 44.6  | 84.6  |
| 98      | 38.1  | 14.8  | 54.8  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.80 ng  
 RT: 7.963 min Scan# 999  
 Delta R.T. 0.000 min  
 Lab File: BF096373.D  
 Acq: 1 Jul 2017 12:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 92.7  | 75.8  | 113.6 |
| 145     | 34.7  | 25.3  | 37.9  |

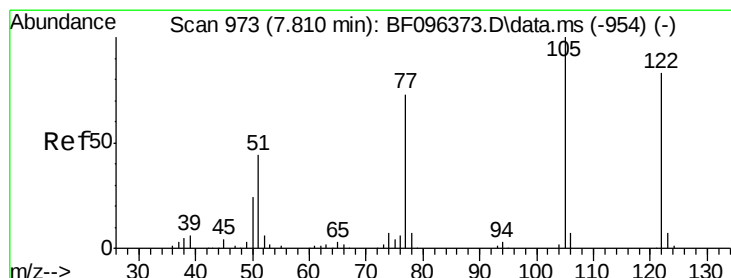
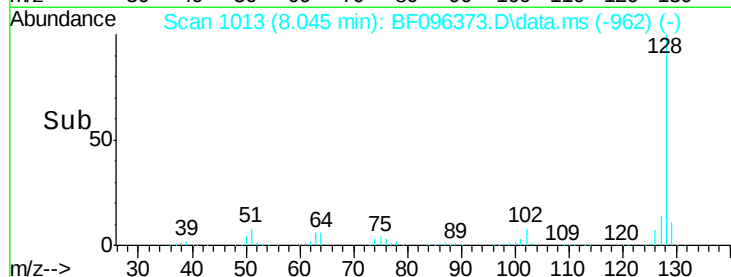
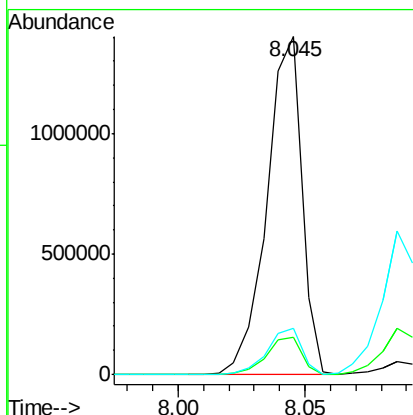
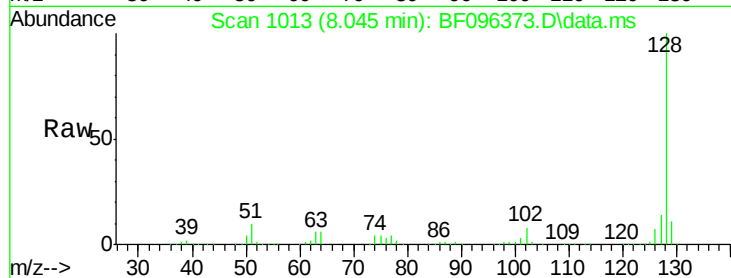




#31  
Naphthalene  
Concen: 38.74 ng  
RT: 8.045 min Scan# 1013  
Delta R.T. 0.000 min  
Lab File: BF096373.D  
Acq: 1 Jul 2017 12:32

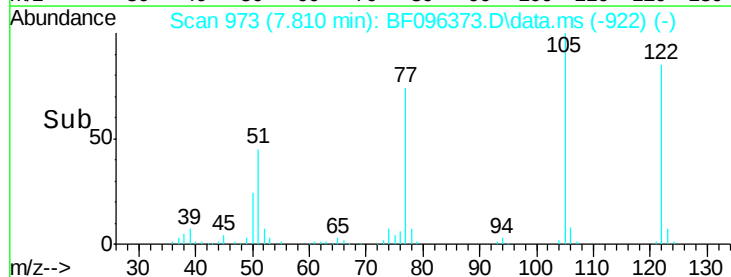
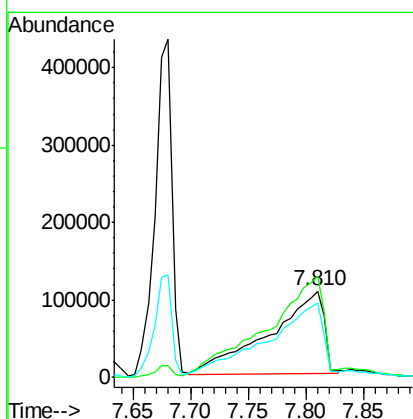
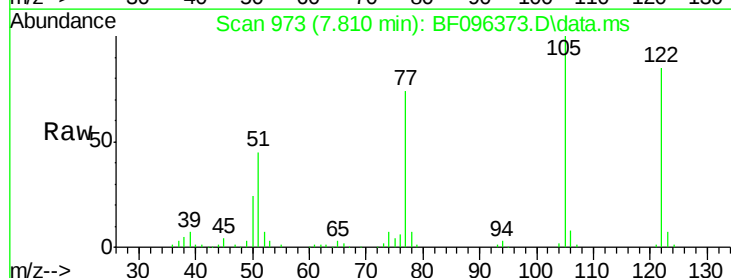
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

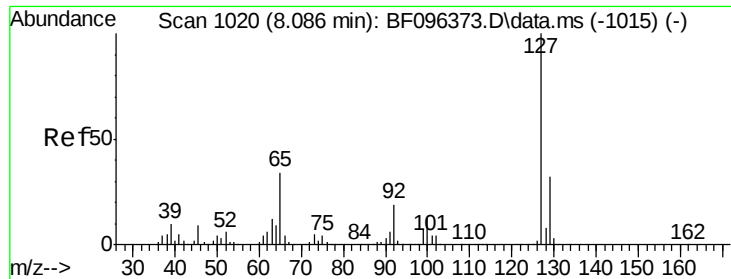
Tot Ion:128 Resp: 1346871  
Ion Ratio Lower Upper  
128 100  
129 11.0 9.0 13.6  
127 13.6 10.8 16.2



#32  
Benzoic acid  
Concen: 53.47 ng  
RT: 7.810 min Scan# 973  
Delta R.T. 0.000 min  
Lab File: BF096373.D  
Acq: 1 Jul 2017 12:32

Tgt Ion:122 Resp: 350818  
Ion Ratio Lower Upper  
122 100  
105 117.9 103.3 143.3  
77 86.9 73.7 113.7

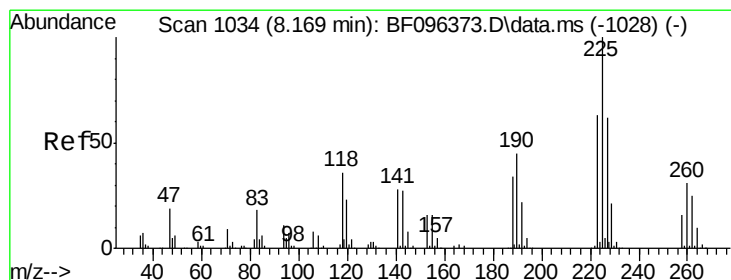
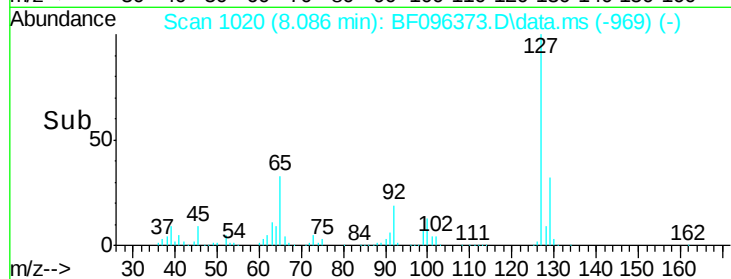
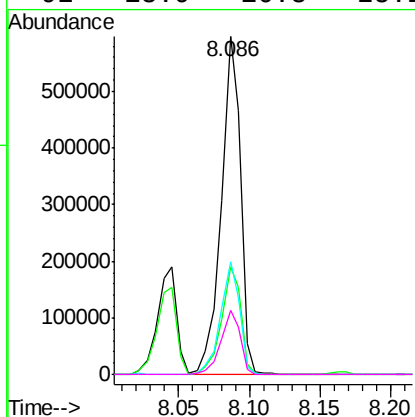
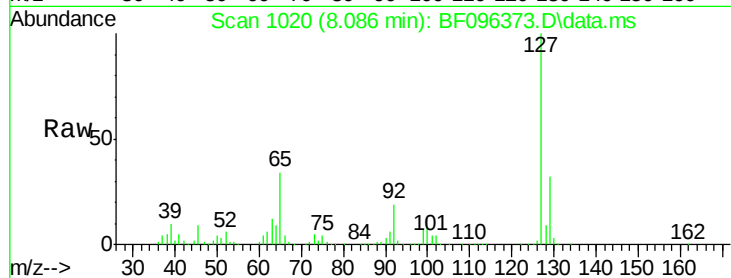




#33  
4-Chloroaniline  
Concen: 39.29 ng  
RT: 8.086 min Scan# 1020  
Delta R.T. 0.000 min  
Lab File: BF096373.D  
Acq: 1 Jul 2017 12:32

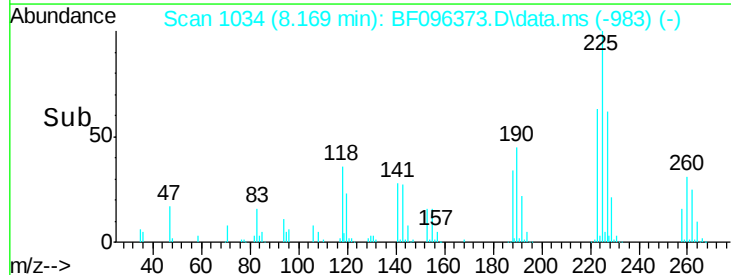
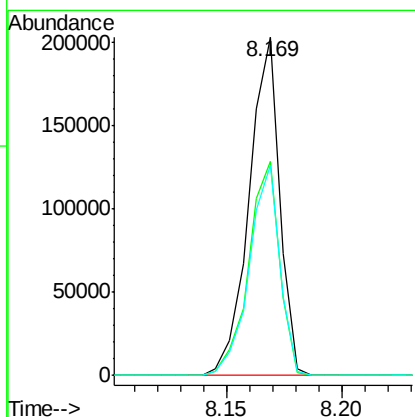
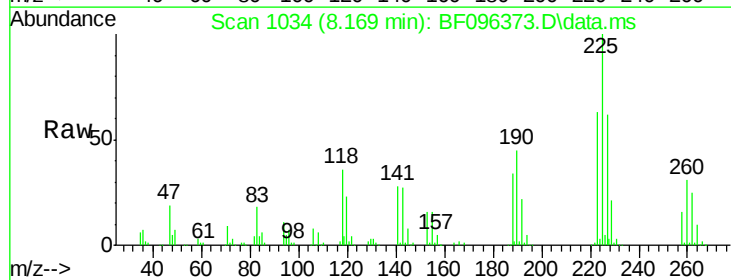
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

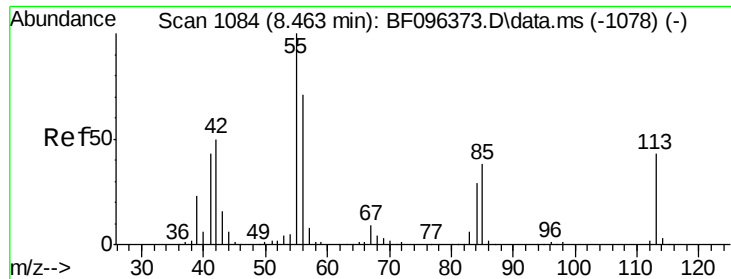
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 127   | Resp: | 565427 |
| Ion Ratio | Lower | Upper |        |
| 127       | 100   |       |        |
| 129       | 31.9  | 26.2  | 39.2   |
| 65        | 33.5  | 27.8  | 41.8   |
| 92        | 18.9  | 16.8  | 25.2   |



#34  
Hexachlorobutadiene  
Concen: 41.90 ng  
RT: 8.169 min Scan# 1034  
Delta R.T. 0.000 min  
Lab File: BF096373.D  
Acq: 1 Jul 2017 12:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 188146 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 63.3  | 48.8  | 73.2   |
| 227       | 62.3  | 51.1  | 76.7   |

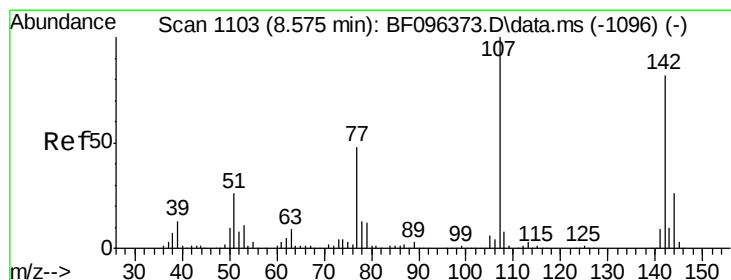
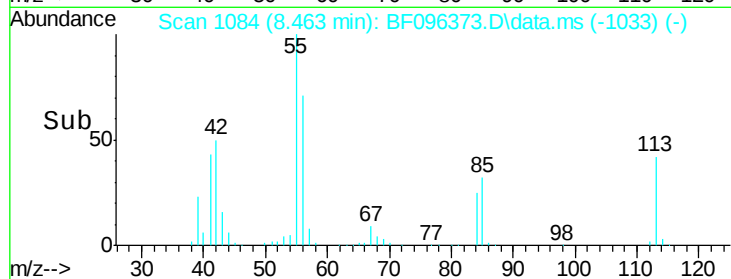
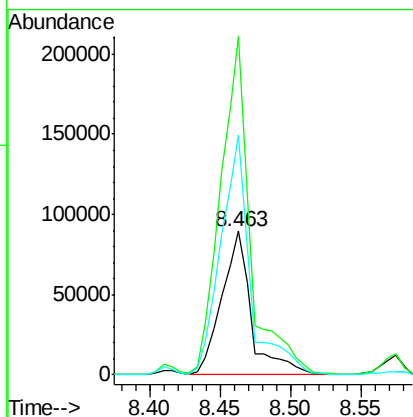
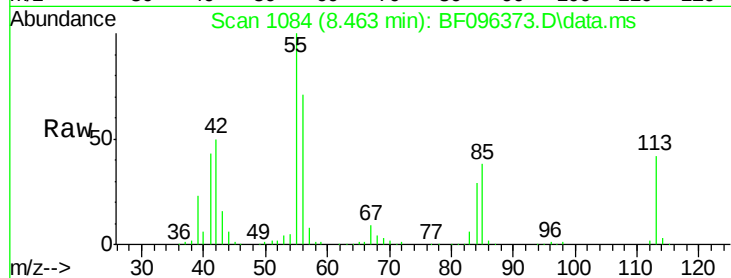




#35  
 Caprolactam  
 Concen: 41.43 ng  
 RT: 8.463 min Scan# 1084  
 Delta R.T. 0.000 min  
 Lab File: BF096373.D  
 Acq: 1 Jul 2017 12:32

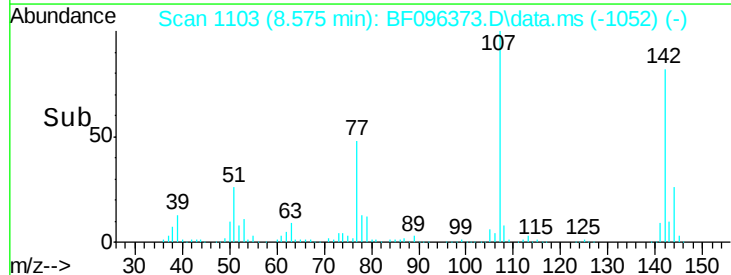
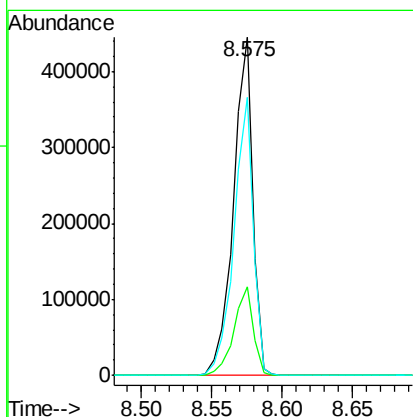
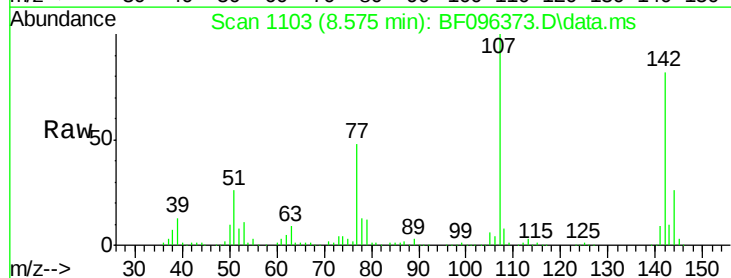
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

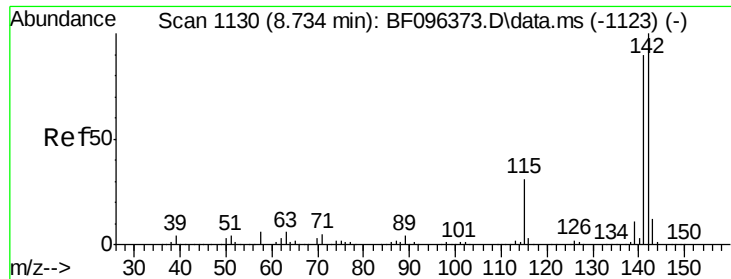
Tot Ion:113 Resp: 130555  
 Ion Ratio Lower Upper  
 113 100  
 55 235.8 150.2 190.2#  
 56 166.8 107.8 147.8#



#36  
 4-Chloro-3-methylphenol  
 Concen: 42.75 ng  
 RT: 8.575 min Scan# 1103  
 Delta R.T. 0.000 min  
 Lab File: BF096373.D  
 Acq: 1 Jul 2017 12:32

Tgt Ion:107 Resp: 424125  
 Ion Ratio Lower Upper  
 107 100  
 144 26.2 24.2 36.4  
 142 82.2 73.4 110.0

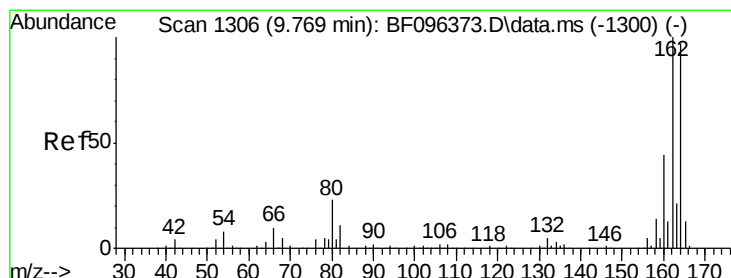
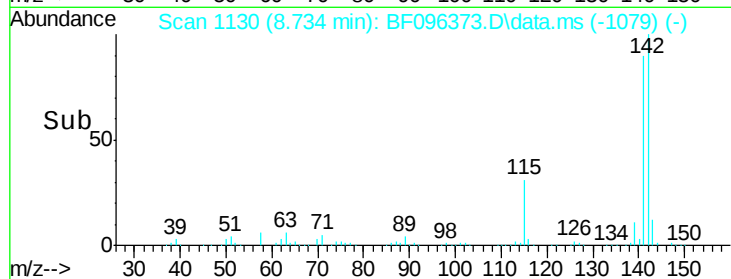
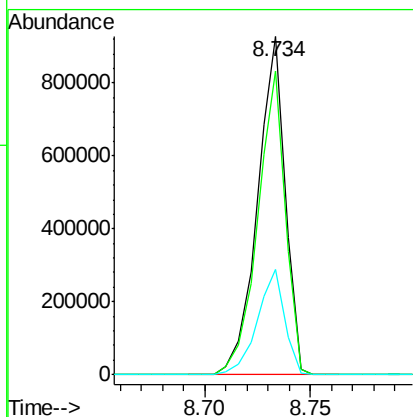
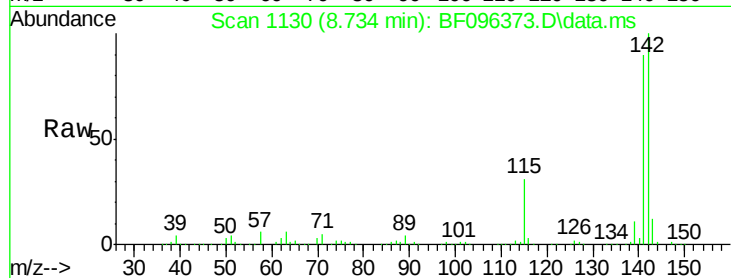




#37  
 2-Methylnaphthalene  
 Concen: 37.57 ng  
 RT: 8.734 min Scan# 1130  
 Delta R.T. 0.000 min  
 Lab File: BF096373.D  
 Acq: 1 Jul 2017 12:32

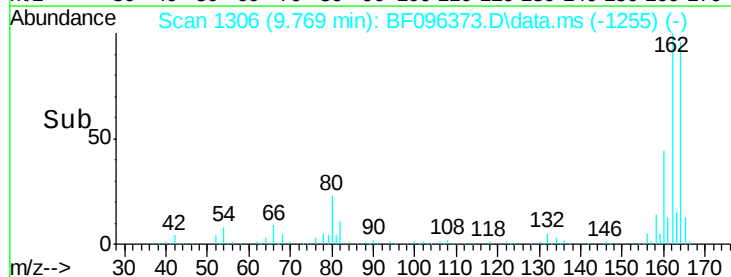
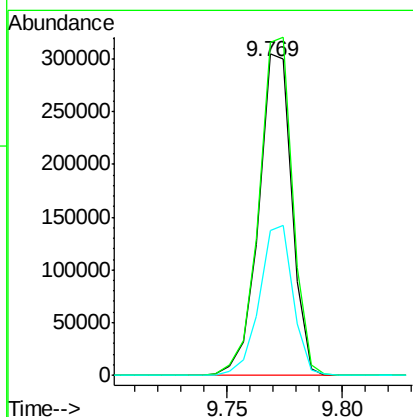
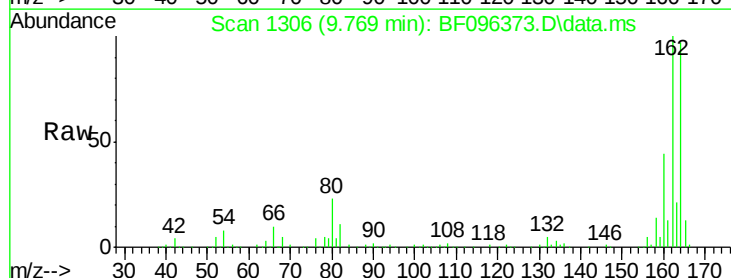
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

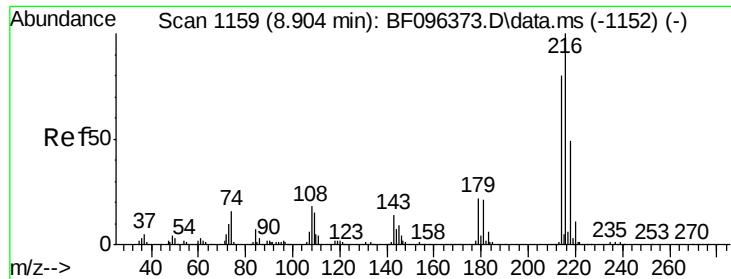
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.7  | 71.3  | 106.9 |
| 115     | 30.9  | 27.1  | 40.7  |



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.769 min Scan# 1306  
 Delta R.T. 0.000 min  
 Lab File: BF096373.D  
 Acq: 1 Jul 2017 12:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.6 | 82.6  | 123.8 |
| 160     | 45.1  | 36.2  | 54.2  |

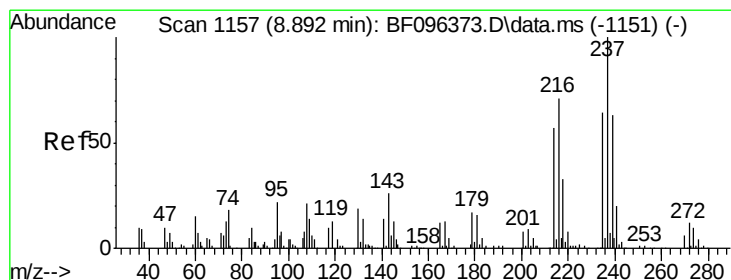
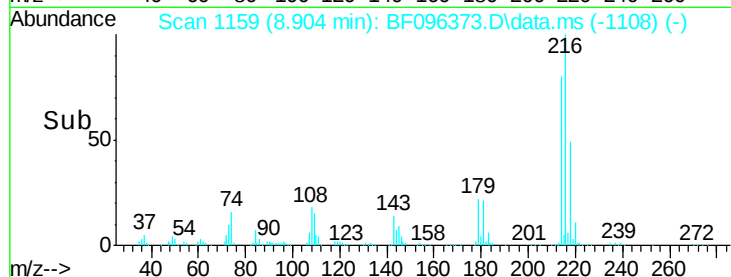
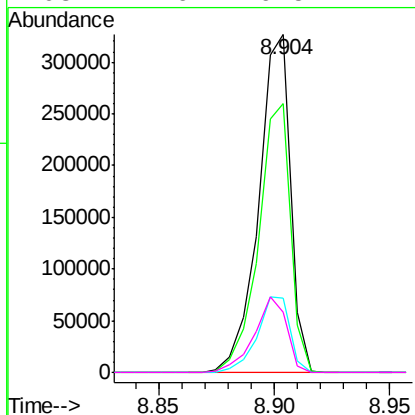
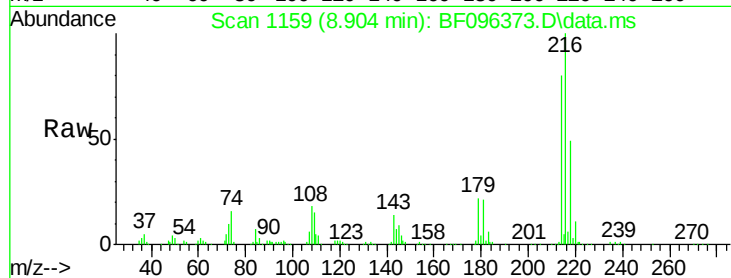




#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 42.60 ng  
 RT: 8.904 min Scan# 1159  
 Delta R.T. 0.000 min  
 Lab File: BF096373.D  
 Acq: 1 Jul 2017 12:32

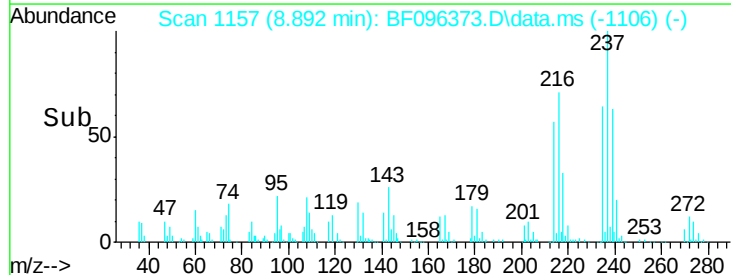
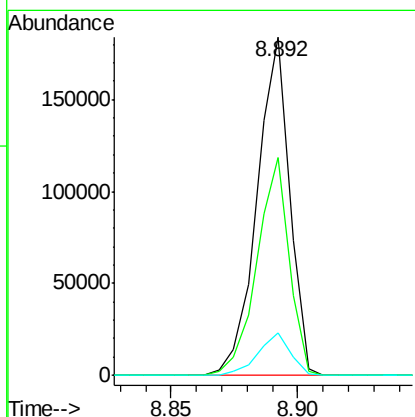
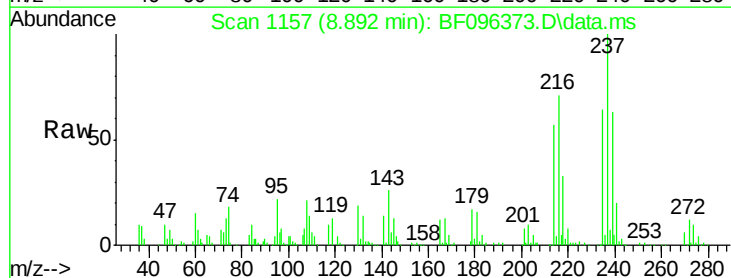
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

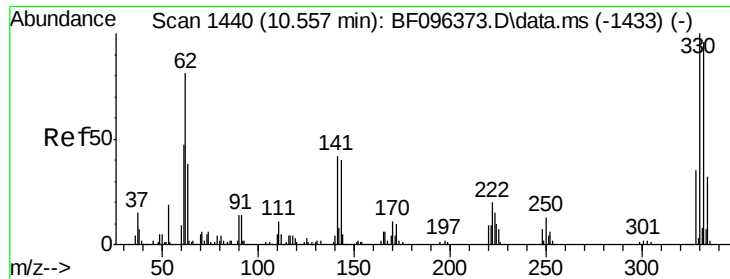
|             |       |           |
|-------------|-------|-----------|
| Tot Ion:216 | Resp: | 315470    |
| Ion Ratio   | Lower | Upper     |
| 216         | 100   |           |
| 214         | 79.8  | 63.4 95.2 |
| 179         | 23.0  | 17.9 26.9 |
| 108         | 22.6  | 16.5 24.7 |



#40  
 Hexachlorocyclopentadiene  
 Concen: 49.49 ng  
 RT: 8.892 min Scan# 1157  
 Delta R.T. 0.000 min  
 Lab File: BF096373.D  
 Acq: 1 Jul 2017 12:32

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:237 | Resp: | 164319    |
| Ion Ratio   | Lower | Upper     |
| 237         | 100   |           |
| 235         | 64.4  | 42.6 82.6 |
| 272         | 12.5  | 0.0 31.9  |

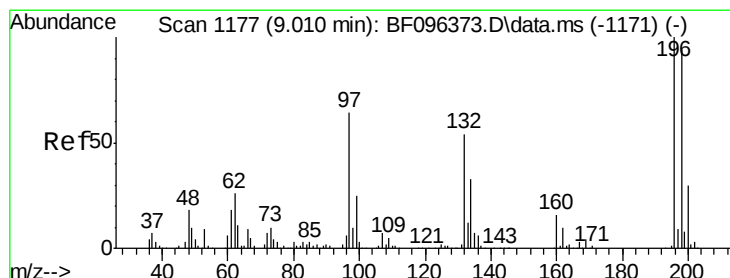
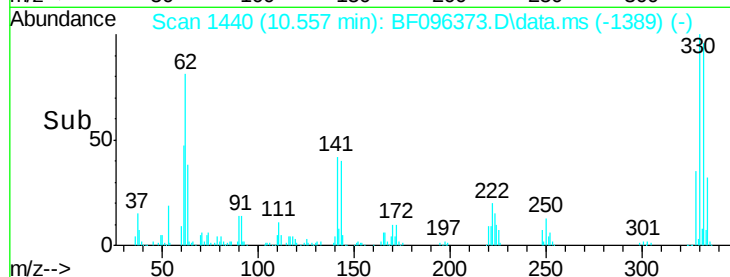
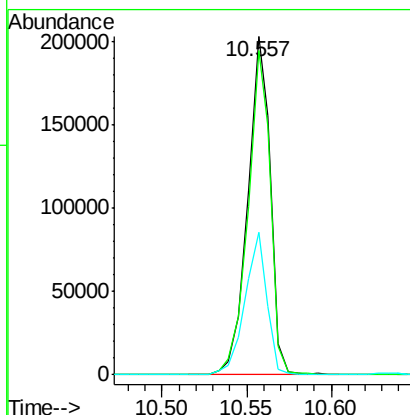
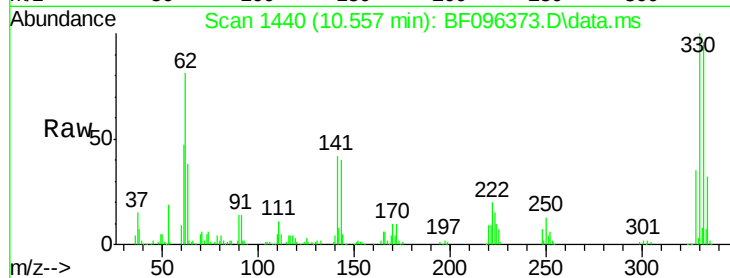




#41  
 2,4,6-Tribromophenol  
 Concen: 78.54 ng  
 RT: 10.557 min Scan# 1440  
 Delta R.T. 0.000 min  
 Lab File: BF096373.D  
 Acq: 1 Jul 2017 12:32

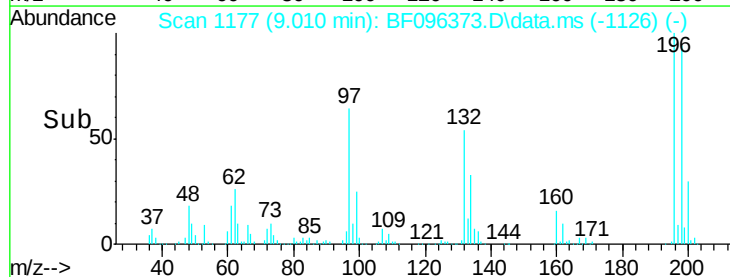
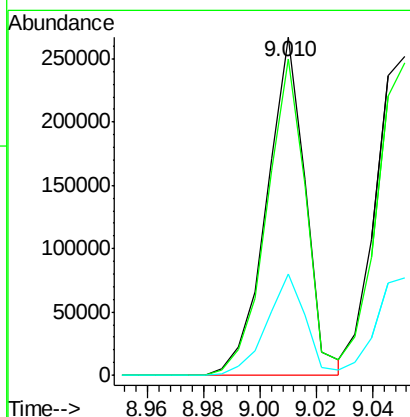
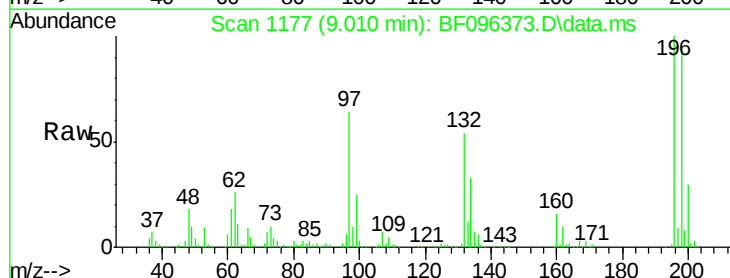
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

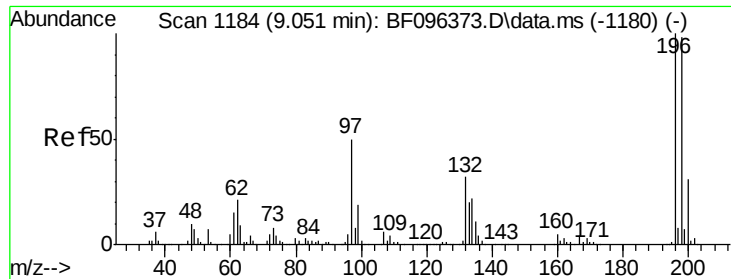
Tot Ion:330 Resp: 189101  
 Ion Ratio Lower Upper  
 330 100  
 332 95.6 76.6 115.0  
 141 40.8 31.4 47.2



#42  
 2,4,6-Trichlorophenol  
 Concen: 45.30 ng  
 RT: 9.010 min Scan# 1177  
 Delta R.T. 0.000 min  
 Lab File: BF096373.D  
 Acq: 1 Jul 2017 12:32

Tgt Ion:196 Resp: 252881  
 Ion Ratio Lower Upper  
 196 100  
 198 93.6 74.2 111.4  
 200 29.9 24.0 36.0

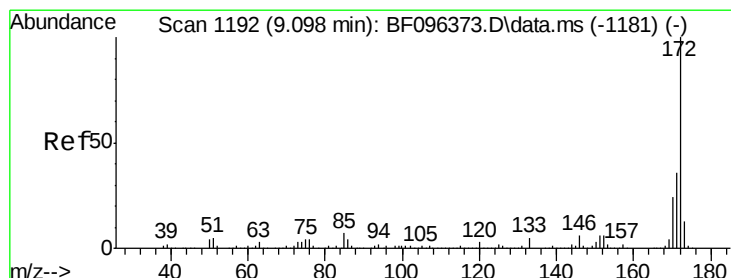
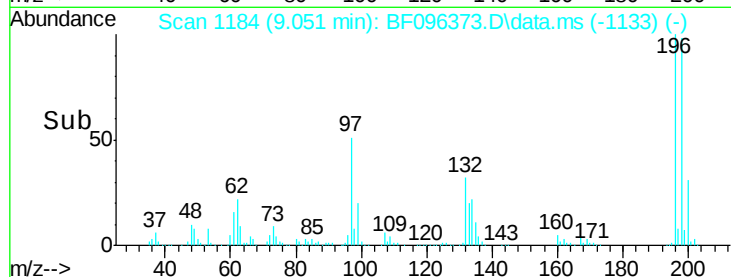
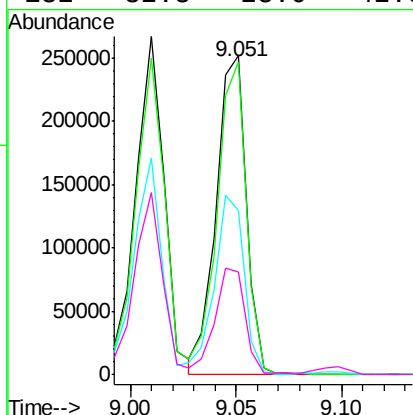
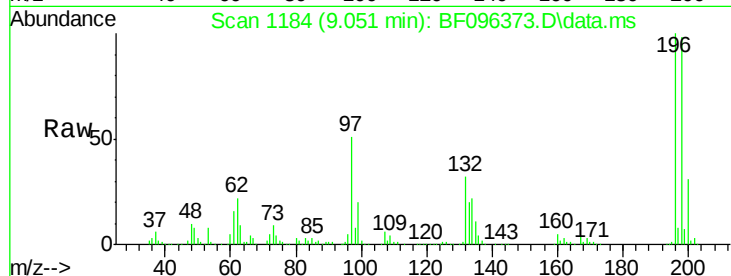




#43  
2,4,5-Trichlorophenol  
Concen: 42.47 ng  
RT: 9.051 min Scan# 1184  
Delta R.T. 0.000 min  
Lab File: BF096373.D  
Acq: 1 Jul 2017 12:32

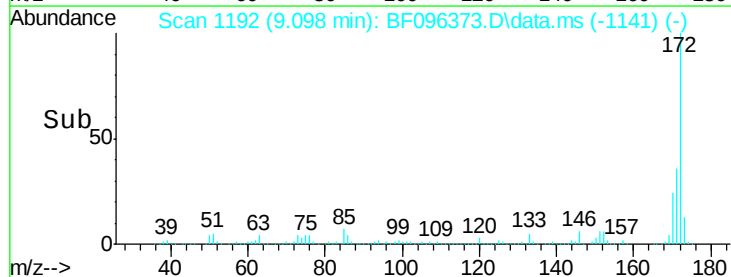
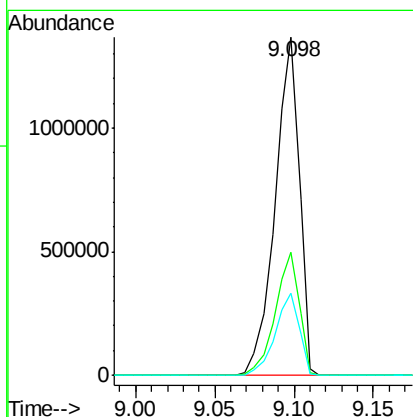
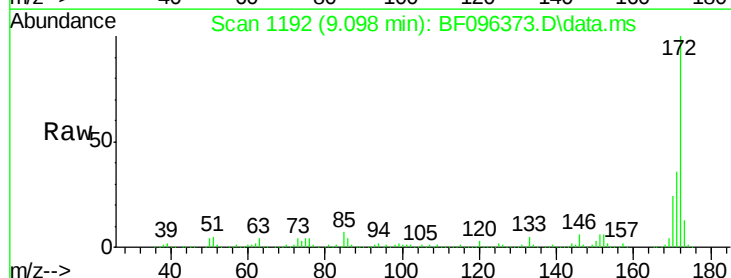
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

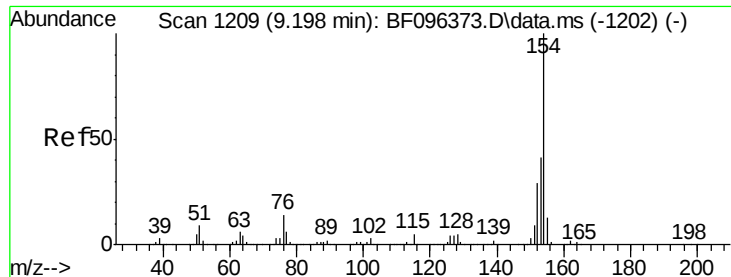
Tot Ion:196 Resp: 249885  
Ion Ratio Lower Upper  
196 100  
198 98.1 75.7 113.5  
97 51.4 47.7 71.5  
132 32.3 28.0 42.0



#44  
2-Fluorobiphenyl  
Concen: 86.78 ng  
RT: 9.098 min Scan# 1192  
Delta R.T. 0.000 min  
Lab File: BF096373.D  
Acq: 1 Jul 2017 12:32

Tgt Ion:172 Resp: 1449741  
Ion Ratio Lower Upper  
172 100  
171 36.4 29.6 44.4  
170 24.3 19.8 29.8

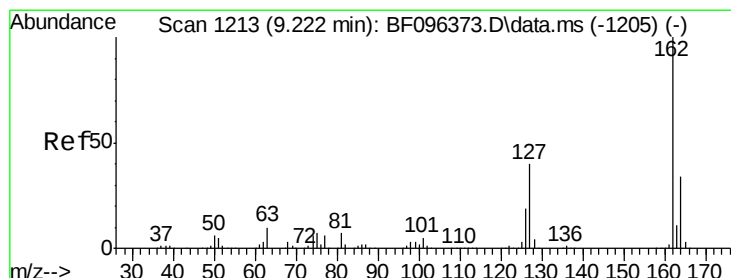
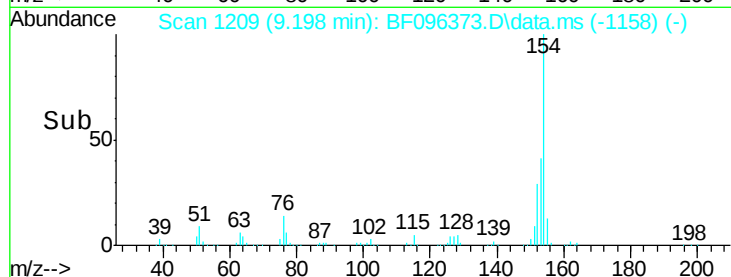
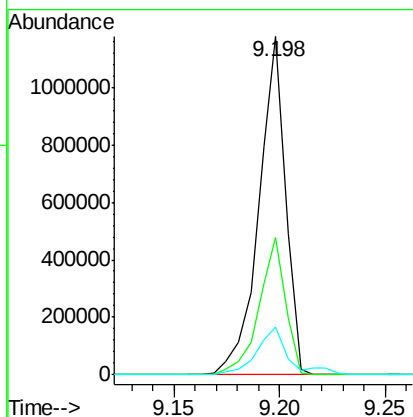
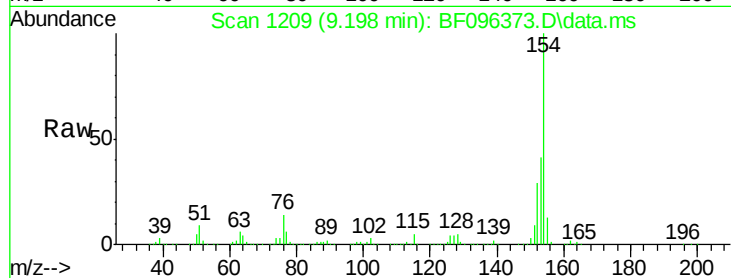




#45  
 1,1'-Biphenyl  
 Concen: 44.16 ng  
 RT: 9.198 min Scan# 1209  
 Delta R.T. 0.000 min  
 Lab File: BF096373.D  
 Acq: 1 Jul 2017 12:32

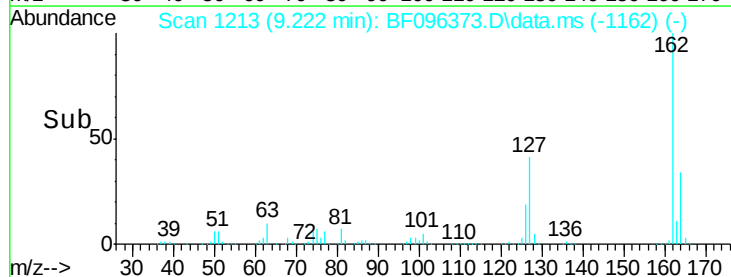
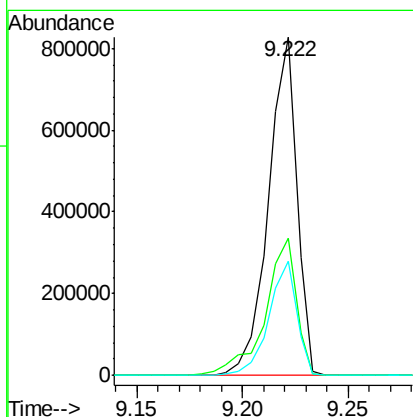
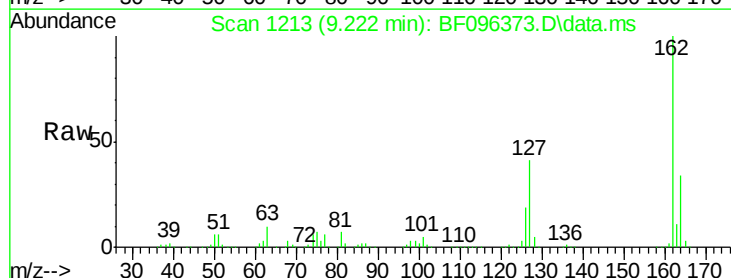
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

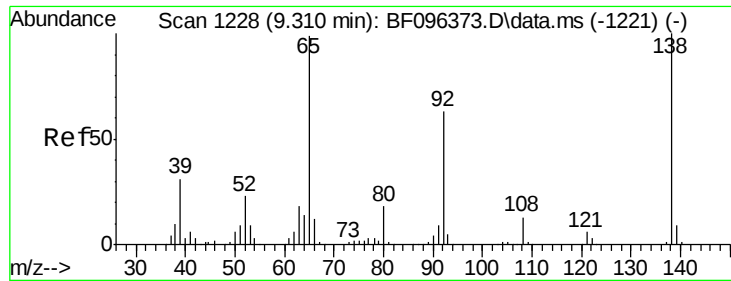
Tot Ion:154 Resp: 1036664  
 Ion Ratio Lower Upper  
 154 100  
 153 40.7 21.2 61.2  
 76 13.9 0.0 29.9



#46  
 2-Chloronaphthalene  
 Concen: 39.76 ng  
 RT: 9.222 min Scan# 1213  
 Delta R.T. 0.000 min  
 Lab File: BF096373.D  
 Acq: 1 Jul 2017 12:32

Tgt Ion:162 Resp: 774240  
 Ion Ratio Lower Upper  
 162 100  
 127 40.6 28.3 42.5  
 164 33.6 27.0 40.4

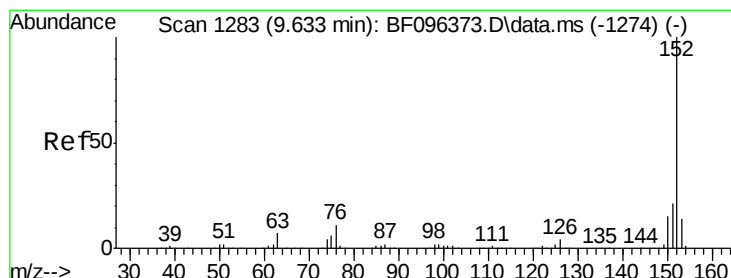
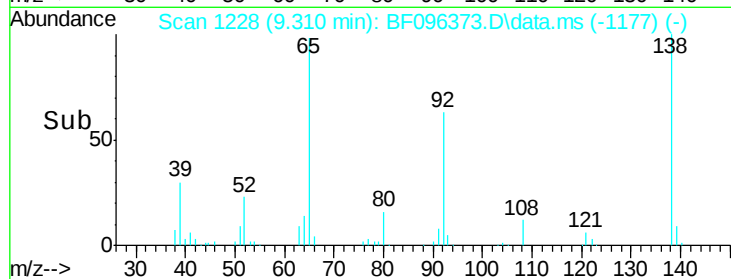
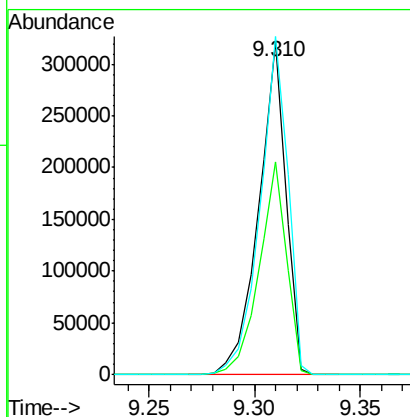
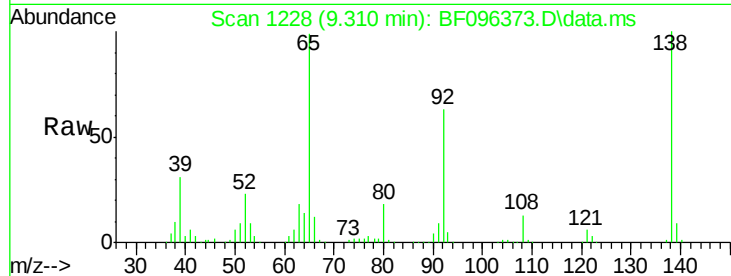




#47  
2-Nitroaniline  
Concen: 47.08 ng  
RT: 9.310 min Scan# 1228  
Delta R.T. 0.000 min  
Lab File: BF096373.D  
Acq: 1 Jul 2017 12:32

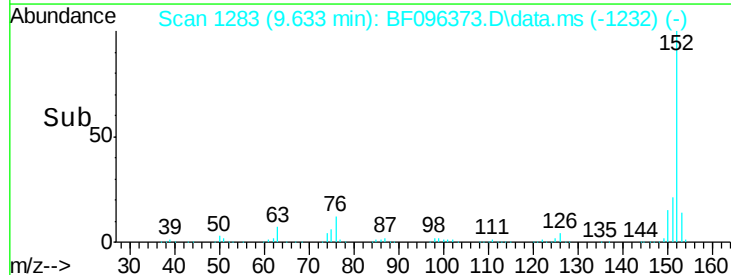
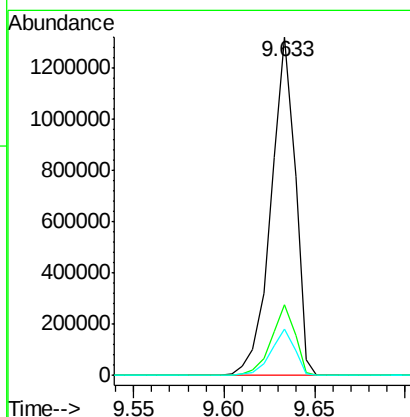
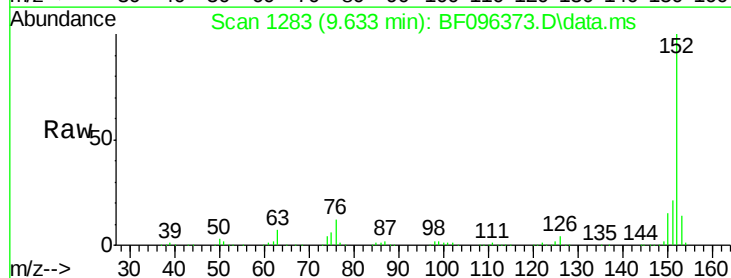
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

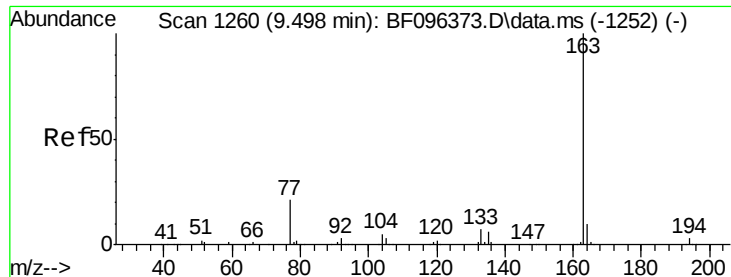
Tot Ion: 65 Resp: 289564  
Ion Ratio Lower Upper  
65 100  
92 63.8 53.9 80.9  
138 101.3 78.8 118.2



#48  
Acenaphthylene  
Concen: 37.90 ng  
RT: 9.633 min Scan# 1283  
Delta R.T. 0.000 min  
Lab File: BF096373.D  
Acq: 1 Jul 2017 12:32

Tgt Ion: 152 Resp: 1224536  
Ion Ratio Lower Upper  
152 100  
151 20.8 16.8 25.2  
153 13.6 10.8 16.2





#49

Dimethylphthalate

Concen: 40.95 ng

RT: 9.498 min Scan# 1260

Delta R.T. 0.000 min

Lab File: BF096373.D

Acq: 1 Jul 2017 12:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

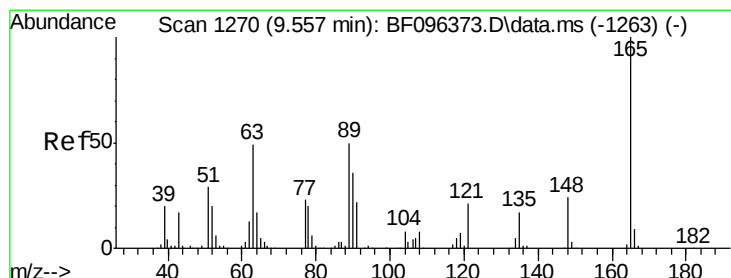
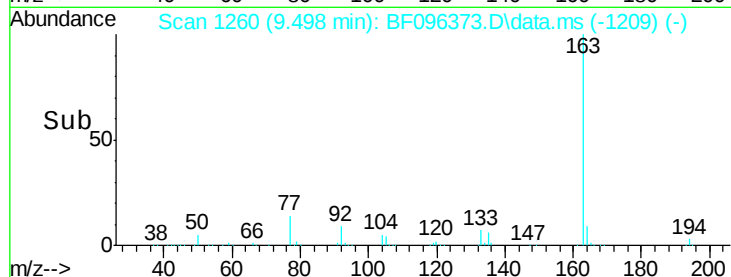
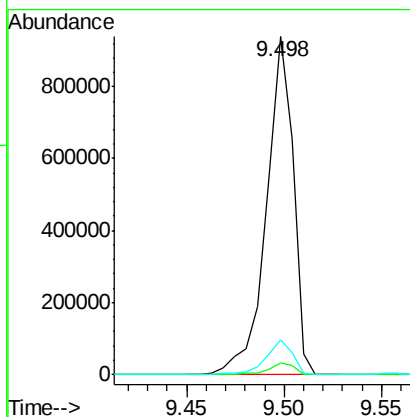
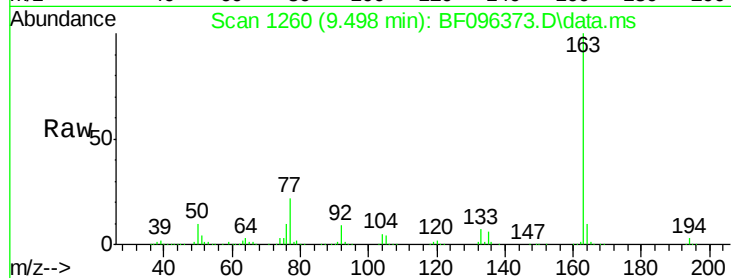
Tot Ion:163 Resp: 896604

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

164 10.4 8.4 12.6



#50

2,6-Dinitrotoluene

Concen: 45.27 ng

RT: 9.557 min Scan# 1270

Delta R.T. 0.000 min

Lab File: BF096373.D

Acq: 1 Jul 2017 12:32

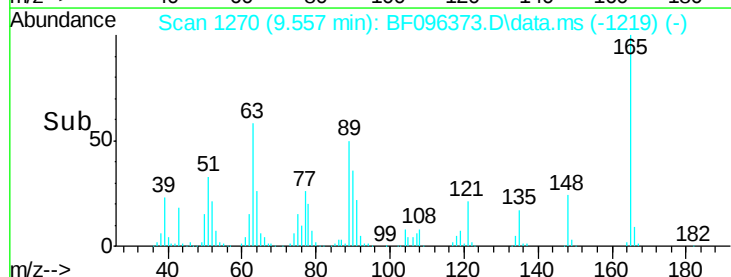
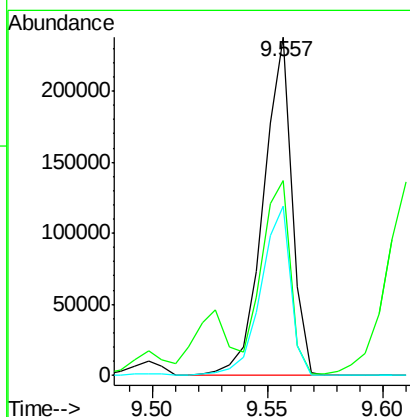
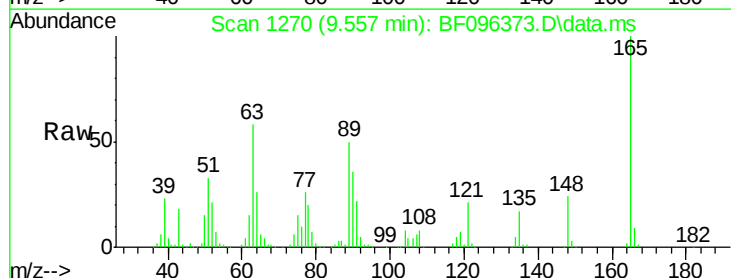
Tgt Ion:165 Resp: 206172

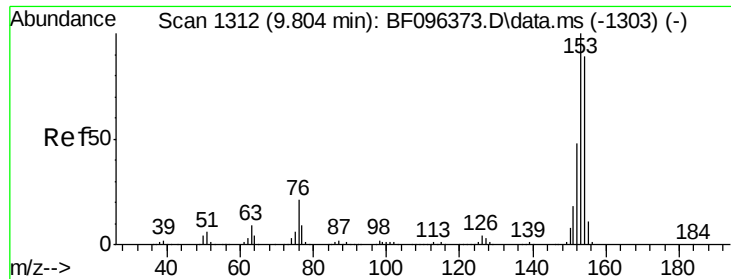
Ion Ratio Lower Upper

165 100

63 57.6 34.3 51.5#

89 50.0 37.1 55.7





#51

Acenaphthene

Concen: 39.79 ng

RT: 9.804 min Scan# 1312

Delta R.T. 0.000 min

Lab File: BF096373.D

Acq: 1 Jul 2017 12:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

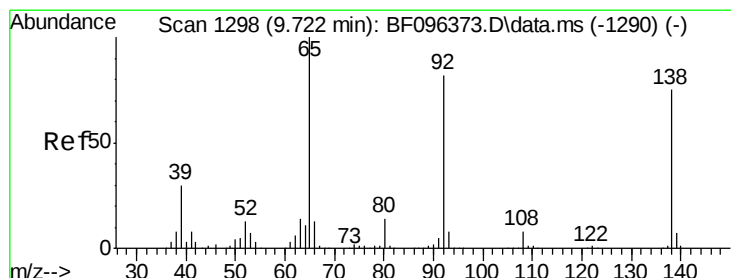
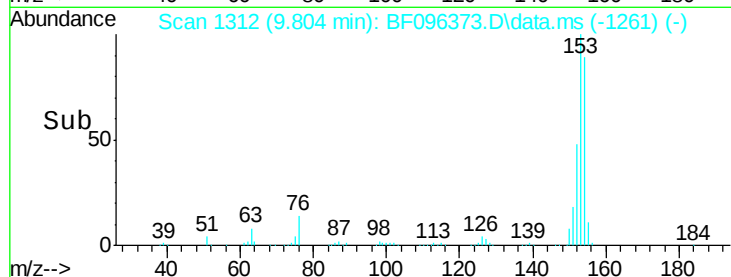
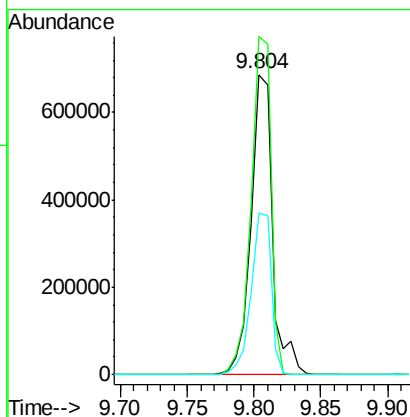
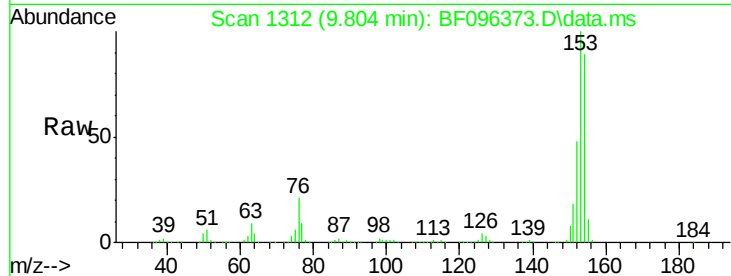
Tot Ion:154 Resp: 756708

Ion Ratio Lower Upper

154 100

153 112.8 90.5 135.7

152 54.0 43.6 65.4



#52

3-Nitroaniline

Concen: 43.04 ng

RT: 9.722 min Scan# 1298

Delta R.T. 0.000 min

Lab File: BF096373.D

Acq: 1 Jul 2017 12:32

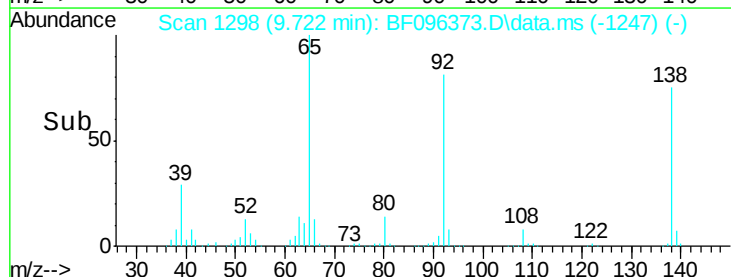
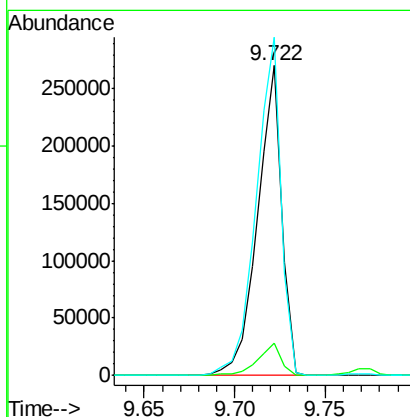
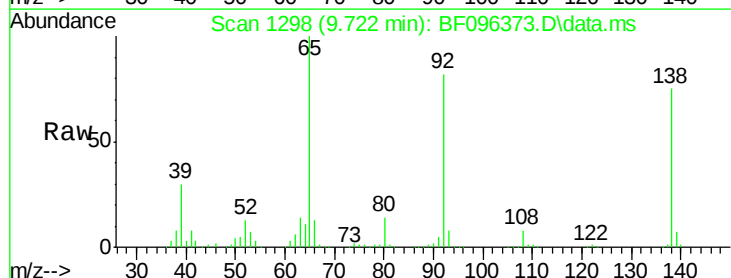
Tgt Ion:138 Resp: 251072

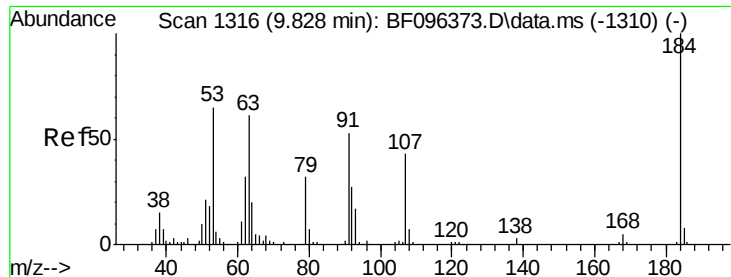
Ion Ratio Lower Upper

138 100

108 10.2 9.1 13.7

92 109.2 93.8 140.6

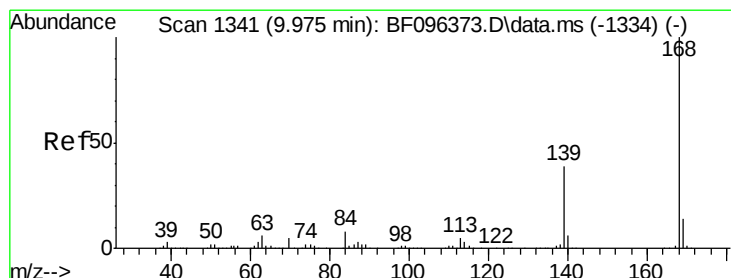
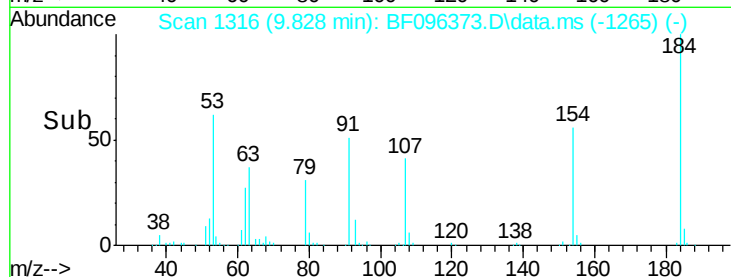
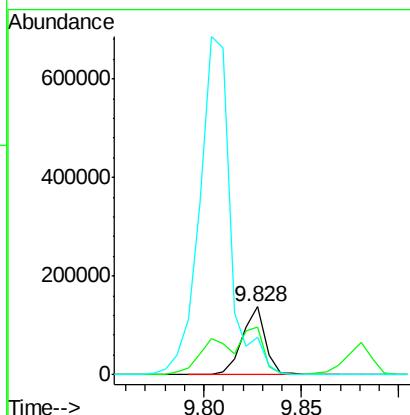
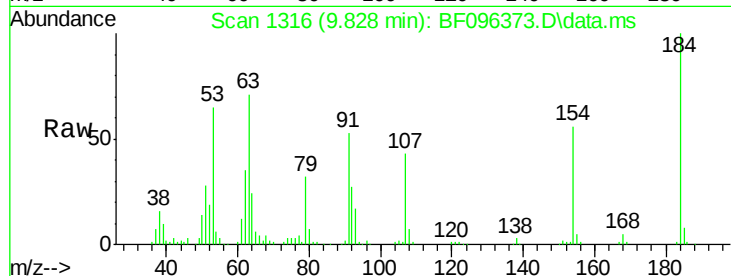




#53  
2,4-Dinitrophenol  
Concen: 81.25 ng  
RT: 9.828 min Scan# 1316  
Delta R.T. 0.000 min  
Lab File: BF096373.D  
Acq: 1 Jul 2017 12:32

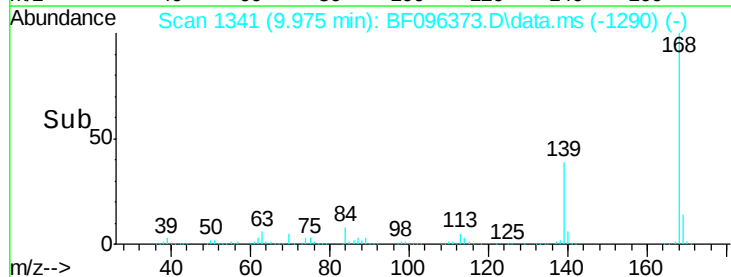
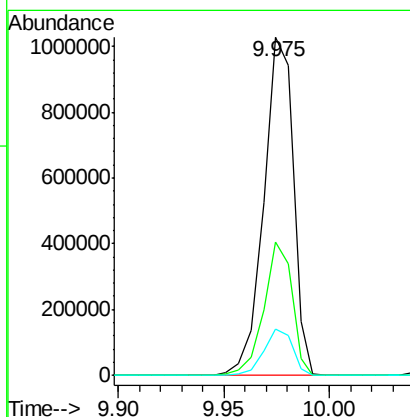
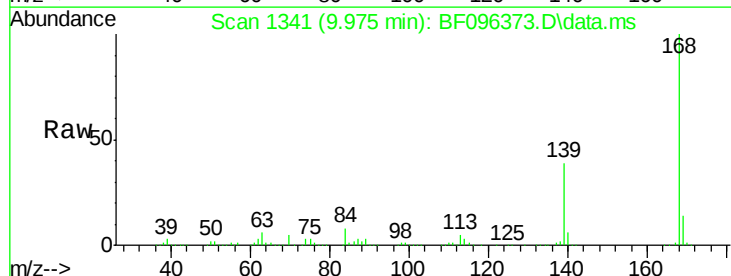
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

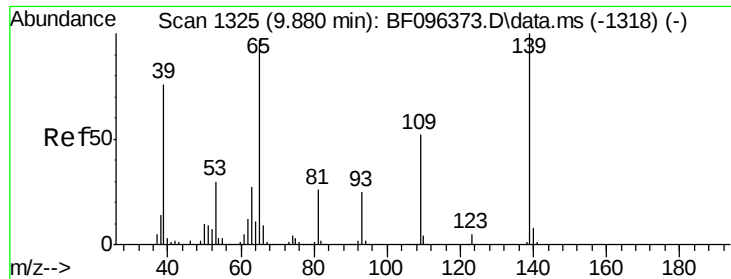
Tot Ion:184 Resp: 112649  
Ion Ratio Lower Upper  
184 100  
63 70.6 62.7 94.1  
154 55.5 81.1 121.7#



#54  
Dibenzofuran  
Concen: 40.50 ng  
RT: 9.975 min Scan# 1341  
Delta R.T. 0.000 min  
Lab File: BF096373.D  
Acq: 1 Jul 2017 12:32

Tgt Ion:168 Resp: 1005567  
Ion Ratio Lower Upper  
168 100  
139 39.4 30.6 45.8  
169 13.7 10.8 16.2

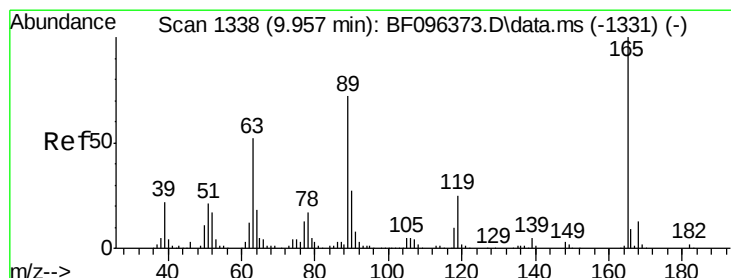
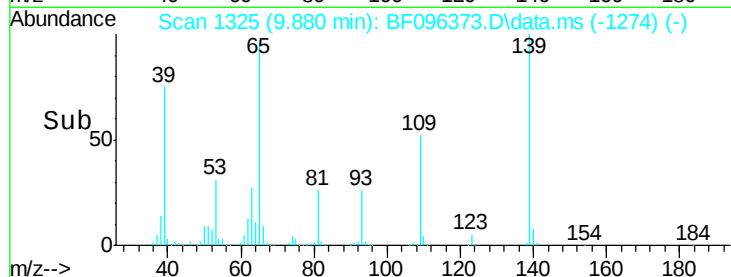
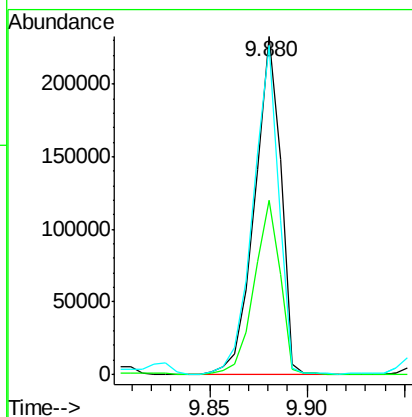
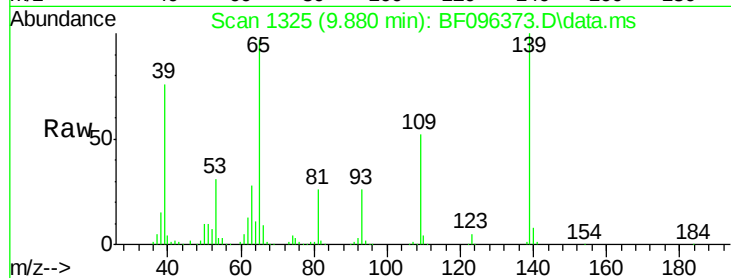




#55  
4-Nitrophenol  
Concen: 45.73 ng  
RT: 9.880 min Scan# 1325  
Delta R.T. 0.000 min  
Lab File: BF096373.D  
Acq: 1 Jul 2017 12:32

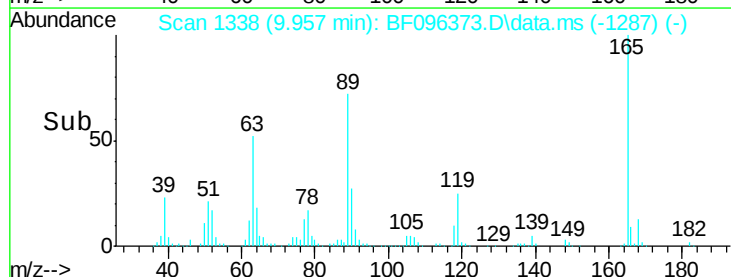
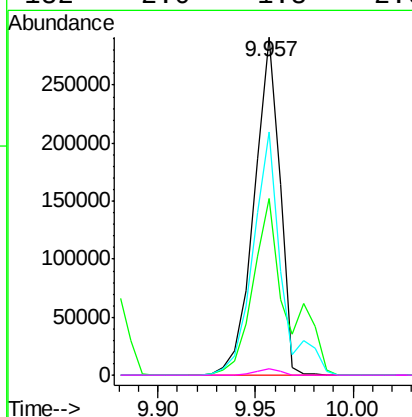
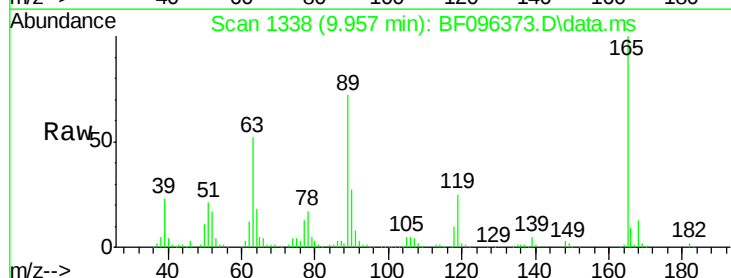
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

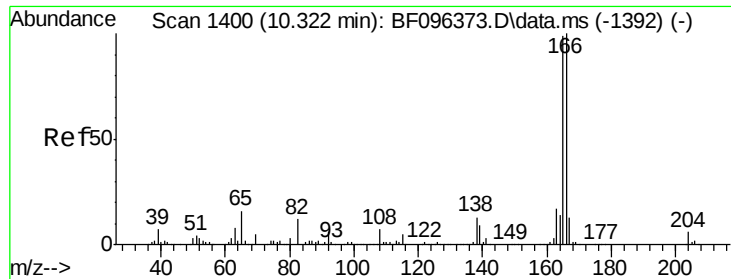
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 51.7  | 34.1  | 74.1  |
| 65      | 97.5  | 31.4  | 71.4  |



#56  
2,4-Dinitrotoluene  
Concen: 46.30 ng  
RT: 9.957 min Scan# 1338  
Delta R.T. 0.000 min  
Lab File: BF096373.D  
Acq: 1 Jul 2017 12:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 52.4  | 25.4  | 38.0  |
| 89      | 72.0  | 46.4  | 69.6  |
| 182     | 2.0   | 1.8   | 2.6   |





#57

Fluorene

Concen: 39.47 ng

RT: 10.322 min Scan# 1400

Delta R.T. 0.000 min

Lab File: BF096373.D

Acq: 1 Jul 2017 12:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

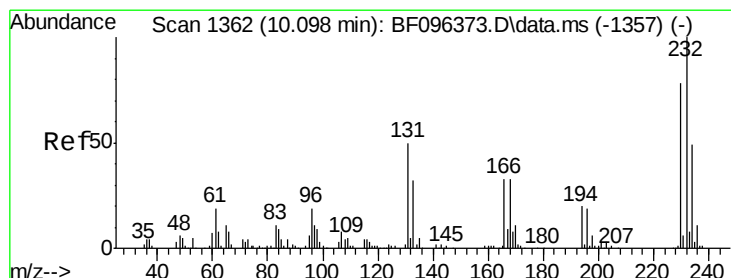
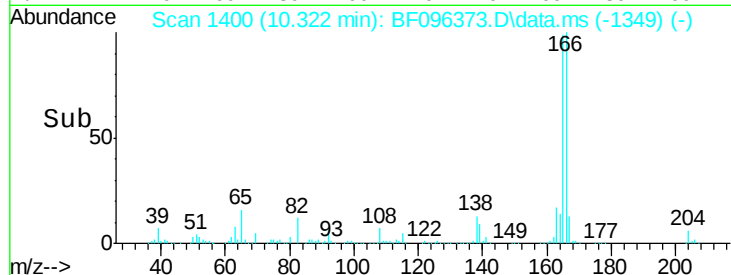
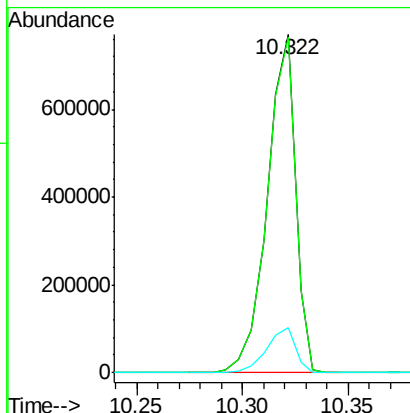
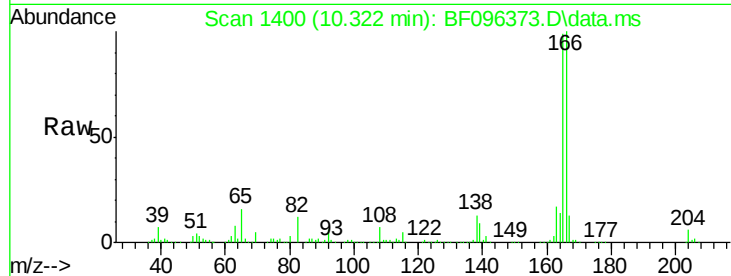
Tot Ion:166 Resp: 717502

Ion Ratio Lower Upper

166 100

165 99.2 78.8 118.2

167 13.1 10.6 16.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.08 ng

RT: 10.098 min Scan# 1362

Delta R.T. 0.000 min

Lab File: BF096373.D

Acq: 1 Jul 2017 12:32

Tgt Ion:232 Resp: 172973

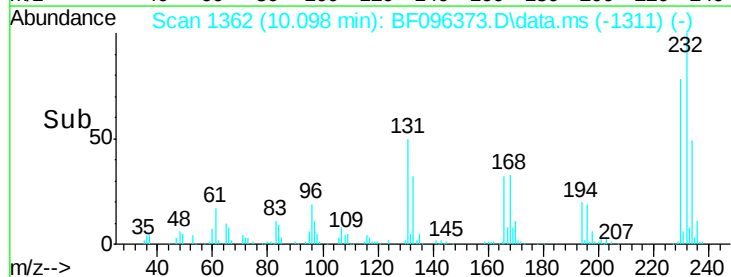
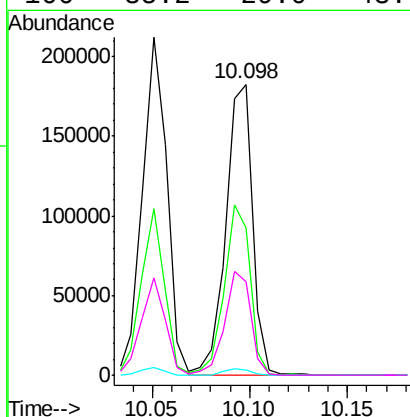
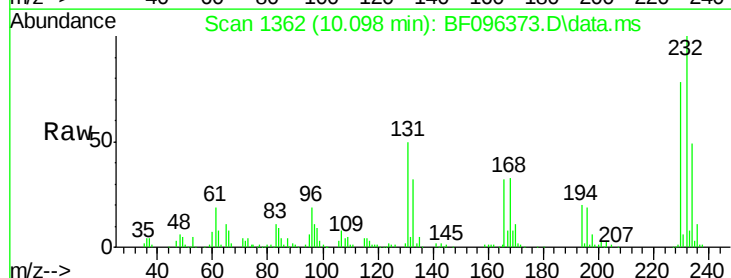
Ion Ratio Lower Upper

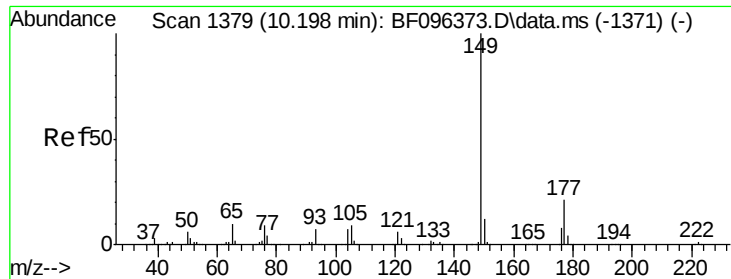
232 100

131 57.1 44.8 67.2

130 2.2 2.3 3.5#

166 35.2 29.0 43.4

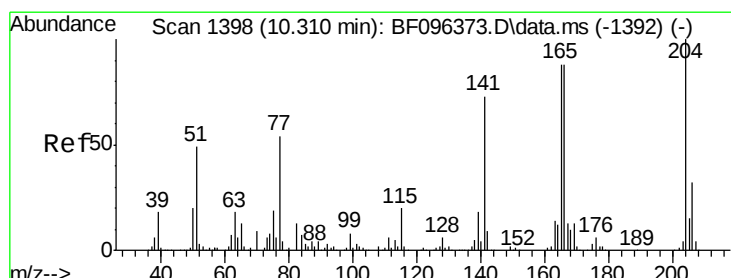
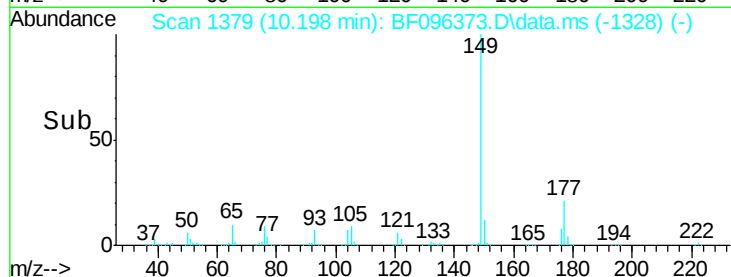
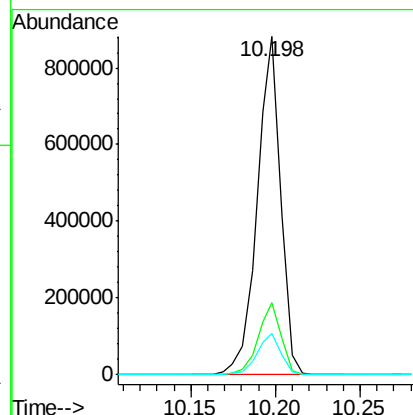
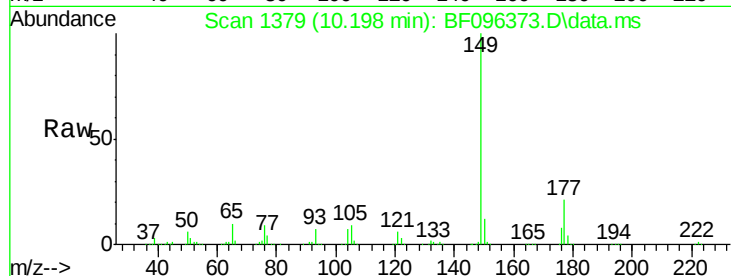




#59  
Diethylphthalate  
Concen: 38.79 ng  
RT: 10.198 min Scan# 1379  
Delta R.T. 0.000 min  
Lab File: BF096373.D  
Acq: 1 Jul 2017 12:32

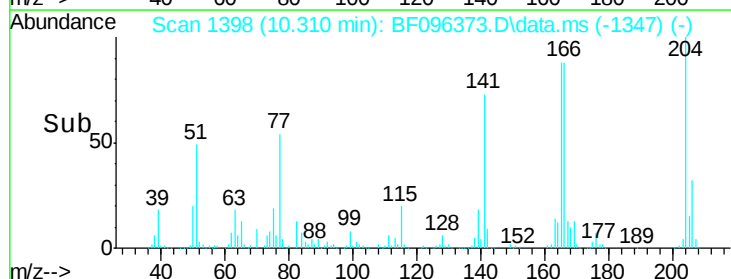
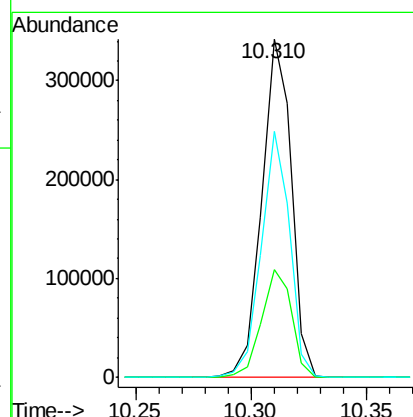
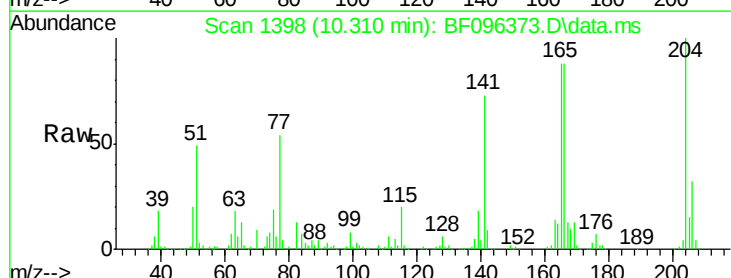
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

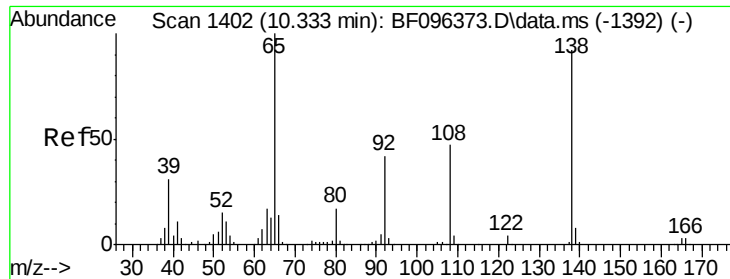
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.4  | 16.7  | 25.1  |
| 150     | 12.2  | 10.2  | 15.2  |



#60  
4-Chlorophenyl-phenylether  
Concen: 41.75 ng  
RT: 10.310 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: BF096373.D  
Acq: 1 Jul 2017 12:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 31.9  | 26.2  | 39.2  |
| 141     | 72.7  | 60.8  | 91.2  |

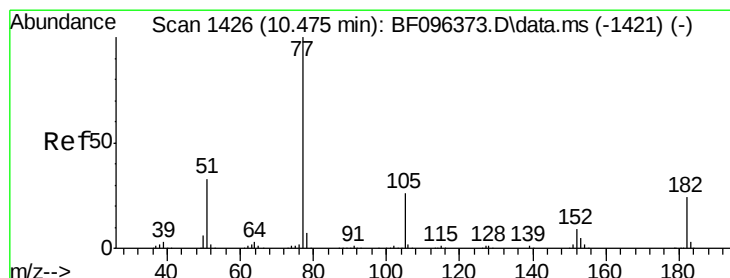
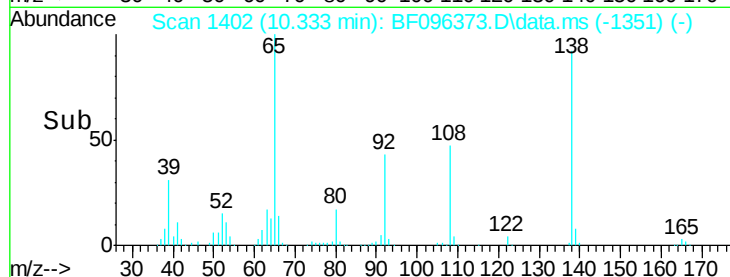
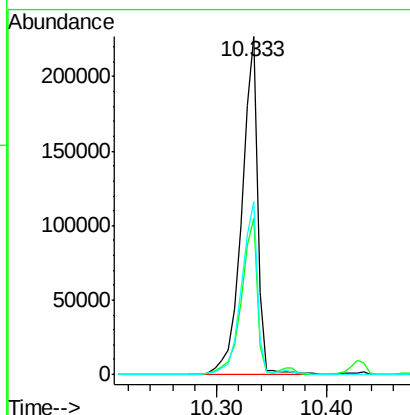
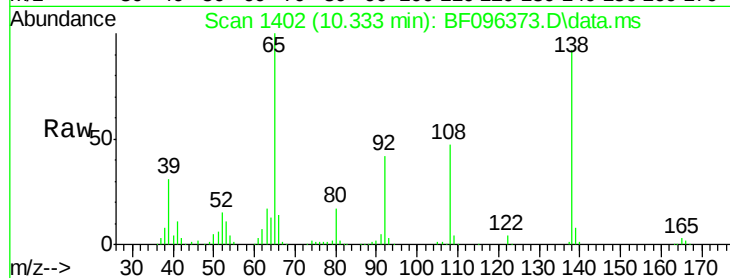




#61  
4-Nitroaniline  
Concen: 45.48 ng  
RT: 10.333 min Scan# 1402  
Delta R.T. 0.000 min  
Lab File: BF096373.D  
Acq: 1 Jul 2017 12:32

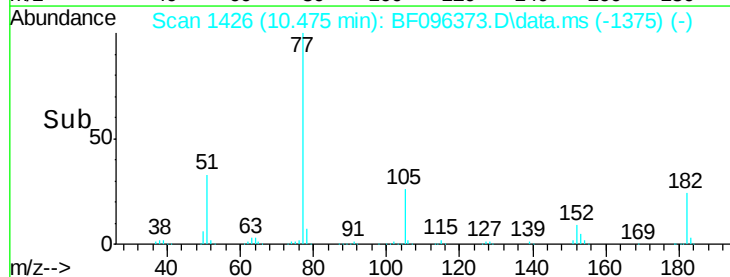
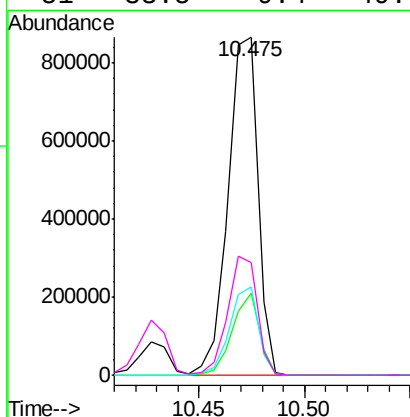
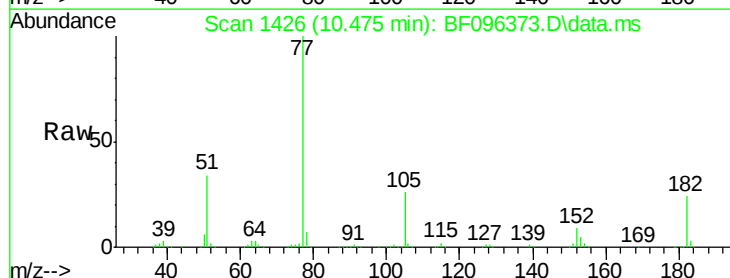
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

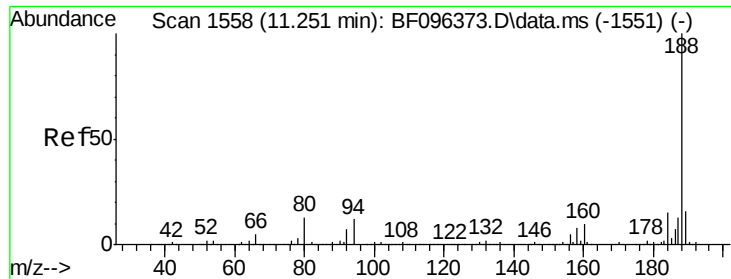
Tot Ion:138 Resp: 230774  
Ion Ratio Lower Upper  
138 100  
92 46.3 21.8 61.8  
108 51.1 42.3 82.3



#62  
Azobenzene  
Concen: 38.01 ng  
RT: 10.475 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: BF096373.D  
Acq: 1 Jul 2017 12:32

Tgt Ion: 77 Resp: 842772  
Ion Ratio Lower Upper  
77 100  
182 24.1 0.1 40.1  
105 26.0 3.6 43.6  
51 33.5 9.4 49.4

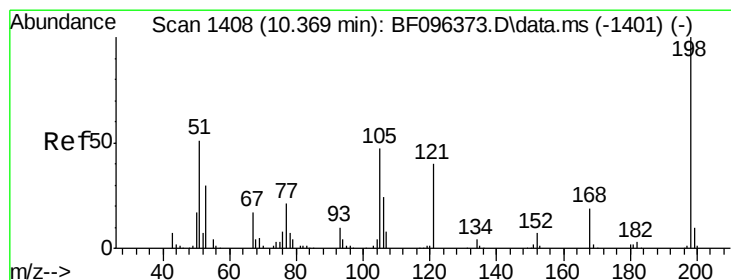
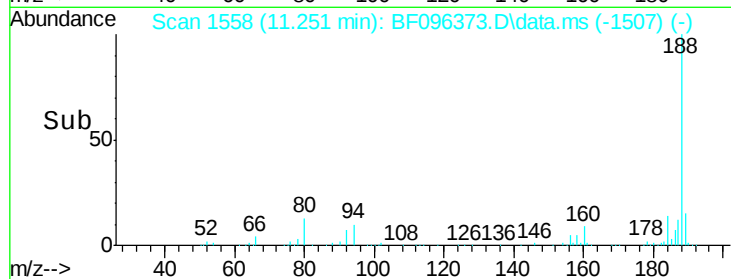
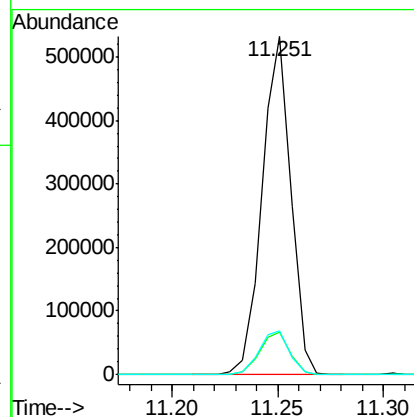
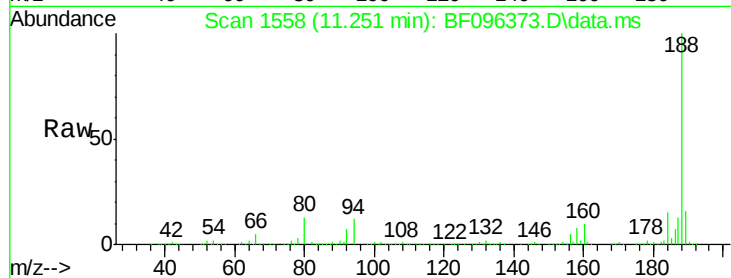




#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 11.251 min Scan# 1558  
 Delta R.T. 0.000 min  
 Lab File: BF096373.D  
 Acq: 1 Jul 2017 12:32

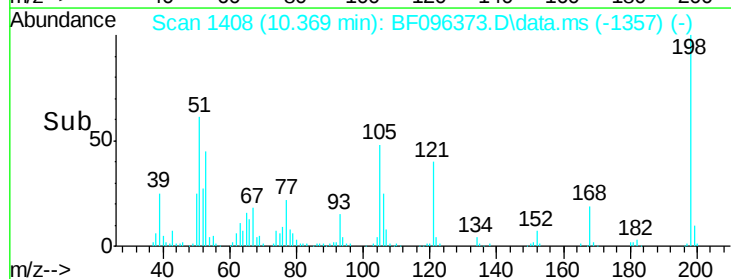
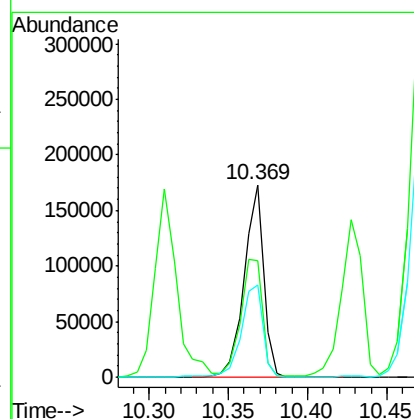
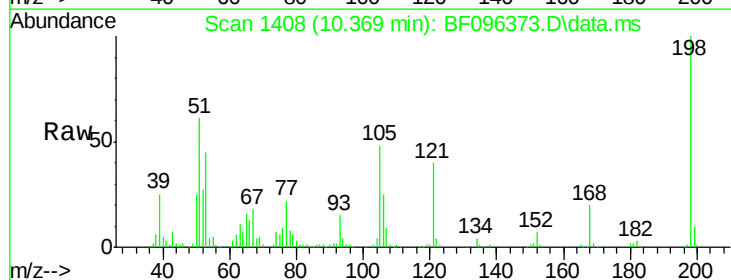
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

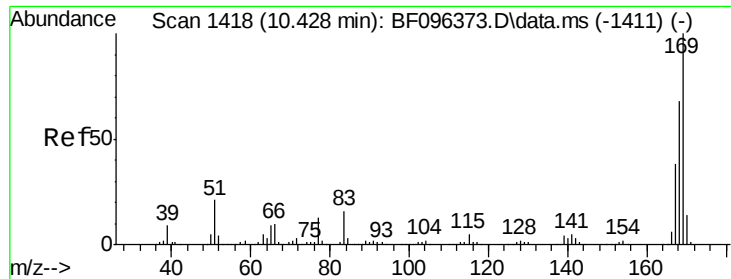
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 12.5  | 9.4   | 14.2  |
| 80      | 12.9  | 10.2  | 15.2  |



#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 64.35 ng  
 RT: 10.369 min Scan# 1408  
 Delta R.T. 0.000 min  
 Lab File: BF096373.D  
 Acq: 1 Jul 2017 12:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 60.8  | 53.2  | 93.2  |
| 105     | 48.0  | 45.8  | 85.8  |

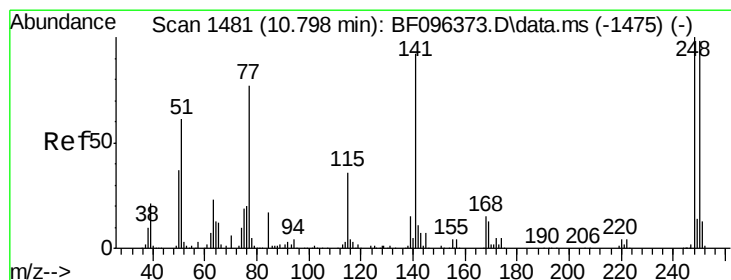
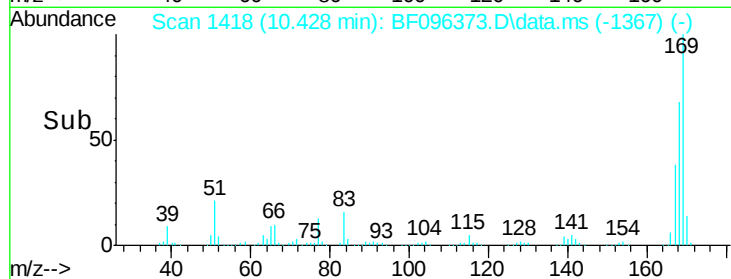
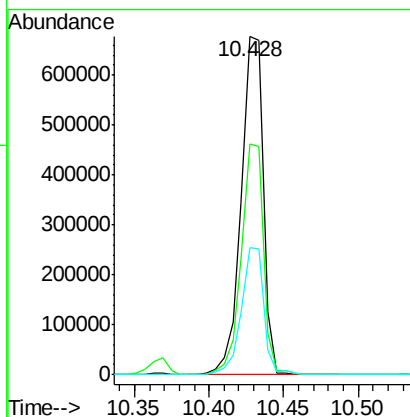
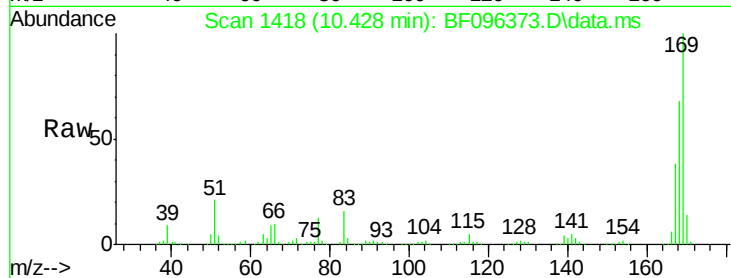




#65  
 n-Nitrosodiphenylamine  
 Concen: 38.49 ng  
 RT: 10.428 min Scan# 1418  
 Delta R.T. 0.000 min  
 Lab File: BF096373.D  
 Acq: 1 Jul 2017 12:32

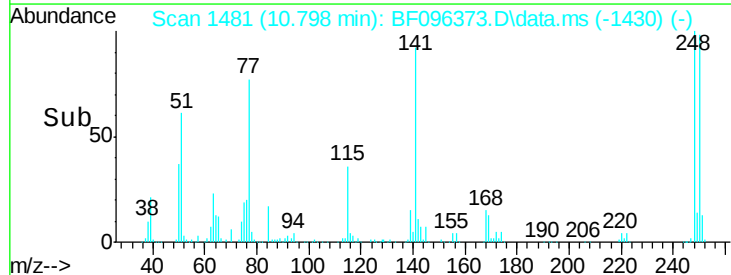
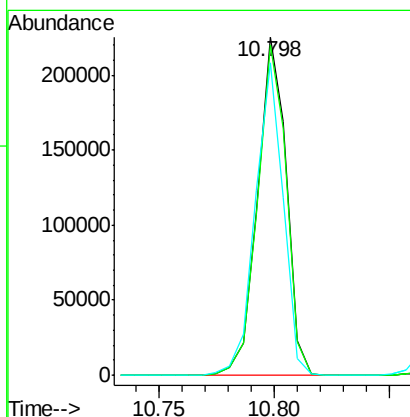
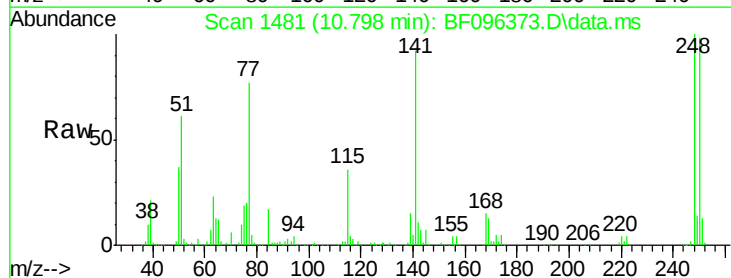
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

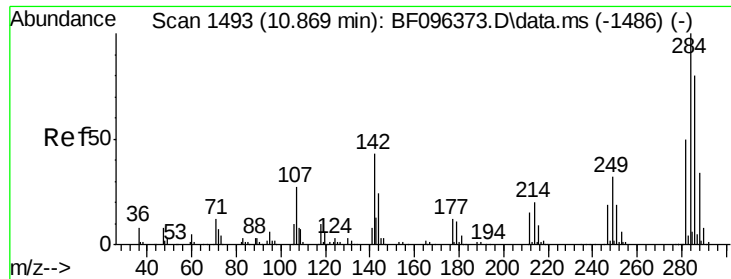
Tot Ion:169 Resp: 698555  
 Ion Ratio Lower Upper  
 169 100  
 168 68.4 53.2 79.8  
 167 37.6 29.5 44.3



#66  
 4-Bromophenyl-phenylether  
 Concen: 37.67 ng  
 RT: 10.798 min Scan# 1481  
 Delta R.T. 0.000 min  
 Lab File: BF096373.D  
 Acq: 1 Jul 2017 12:32

Tgt Ion:248 Resp: 195609  
 Ion Ratio Lower Upper  
 248 100  
 250 97.7 76.8 115.2  
 141 92.4 68.6 103.0

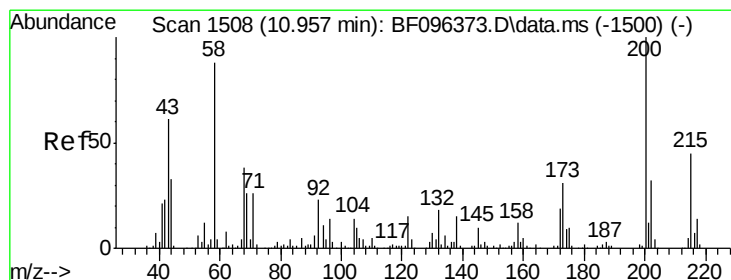
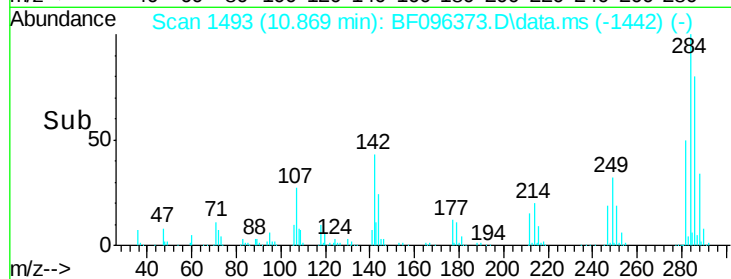
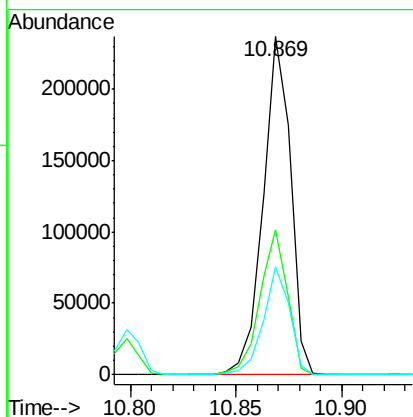
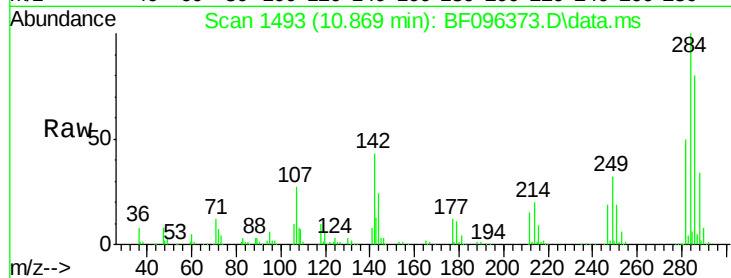




#67  
Hexachlorobenzene  
Concen: 40.17 ng  
RT: 10.869 min Scan# 1493  
Delta R.T. 0.000 min  
Lab File: BF096373.D  
Acq: 1 Jul 2017 12:32

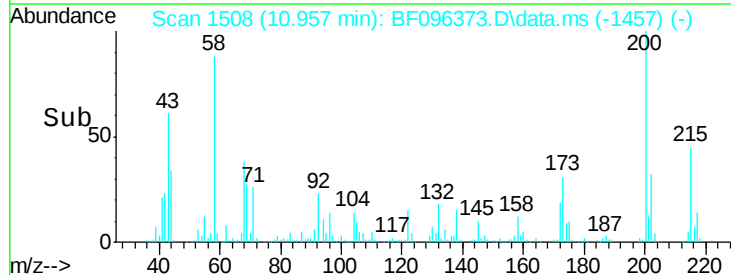
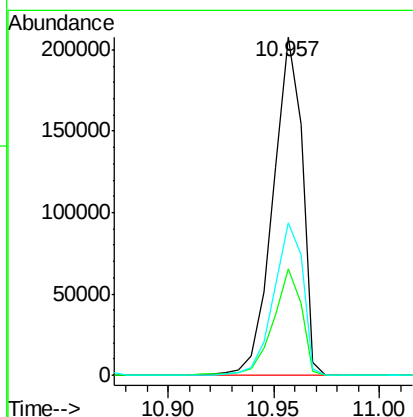
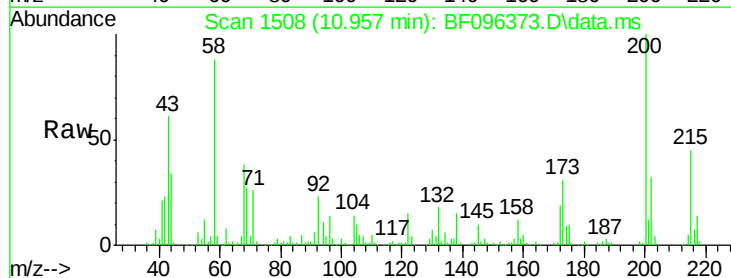
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

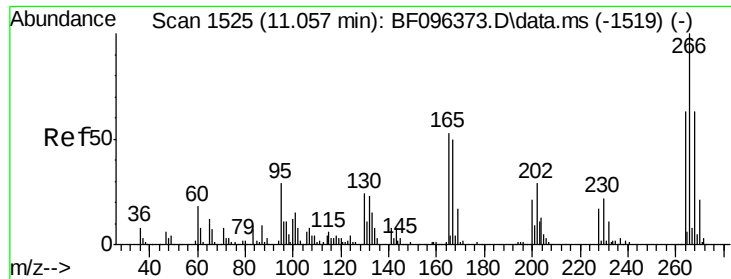
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 42.8  | 22.8  | 34.2  |
| 249     | 31.8  | 24.0  | 36.0  |



#68  
Atrazine  
Concen: 41.77 ng  
RT: 10.957 min Scan# 1508  
Delta R.T. 0.000 min  
Lab File: BF096373.D  
Acq: 1 Jul 2017 12:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 31.3  | 6.3   | 46.3  |
| 215     | 45.2  | 27.2  | 67.2  |

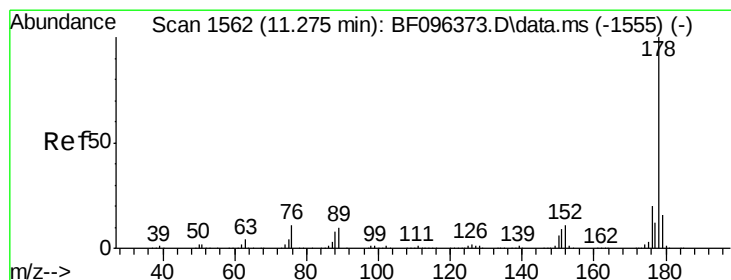
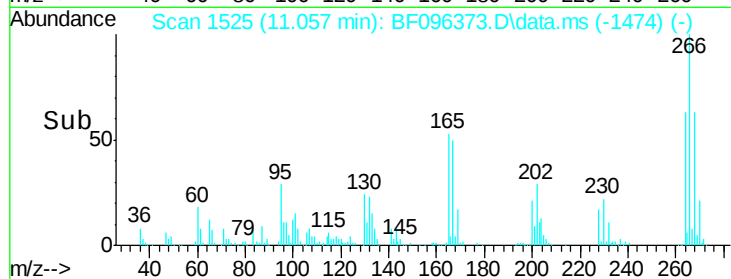
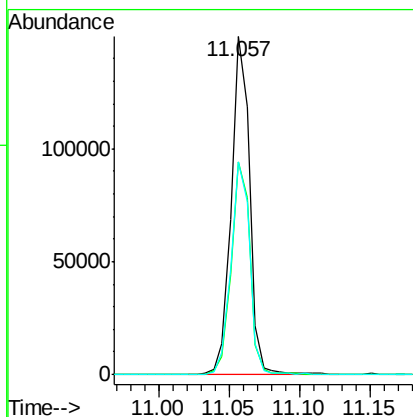
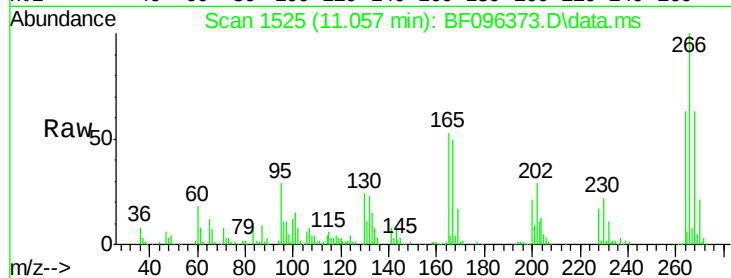




#69  
 Pentachlorophenol  
 Concen: 44.35 ng  
 RT: 11.057 min Scan# 1525  
 Delta R.T. 0.000 min  
 Lab File: BF096373.D  
 Acq: 1 Jul 2017 12:32

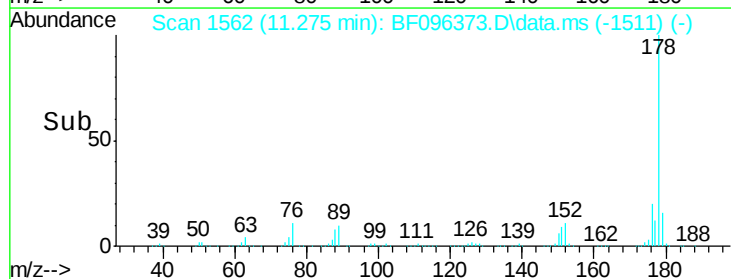
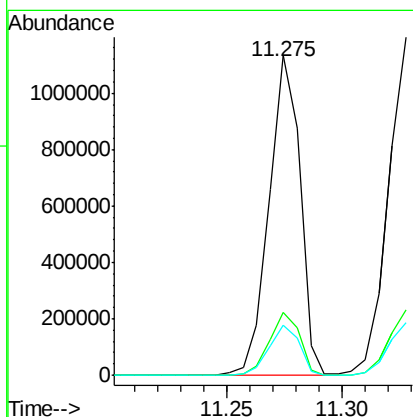
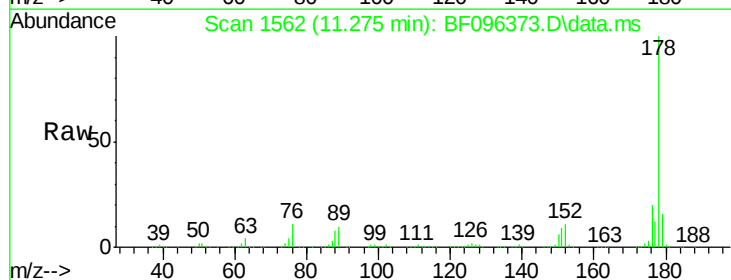
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

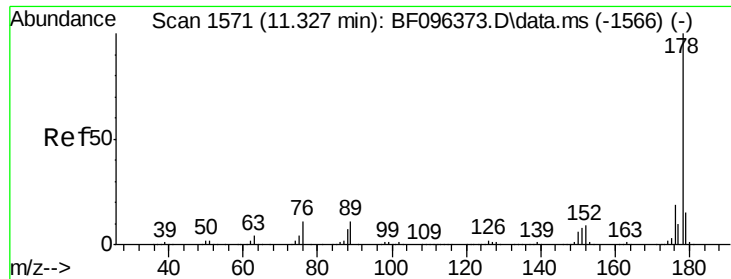
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.0  | 51.1  | 76.7  |
| 264     | 63.0  | 51.7  | 77.5  |



#70  
 Phenanthrene  
 Concen: 38.79 ng  
 RT: 11.275 min Scan# 1562  
 Delta R.T. 0.000 min  
 Lab File: BF096373.D  
 Acq: 1 Jul 2017 12:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.8  | 16.2  | 24.4  |
| 179     | 15.8  | 12.6  | 19.0  |

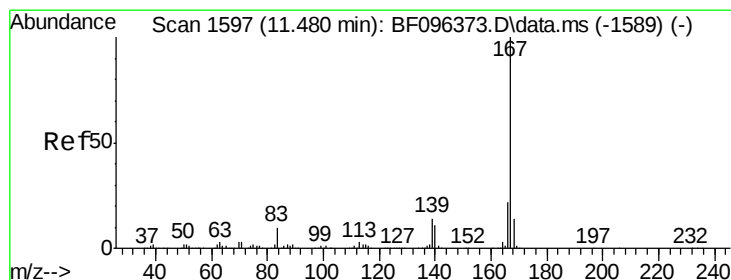
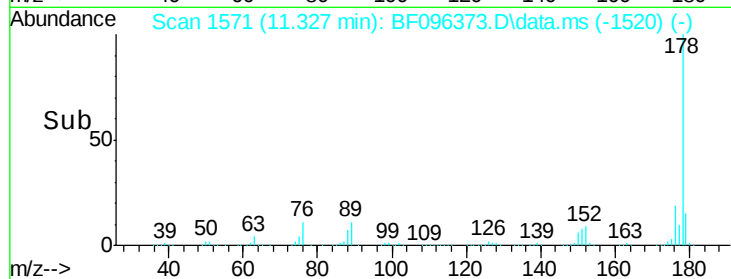
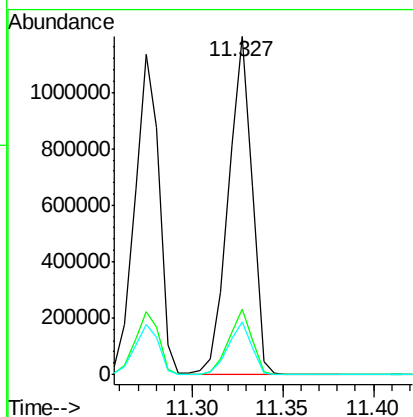
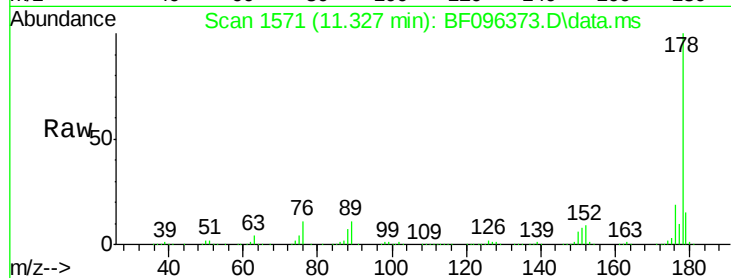




#71  
 Anthracene  
 Concen: 38.72 ng  
 RT: 11.327 min Scan# 1571  
 Delta R.T. 0.000 min  
 Lab File: BF096373.D  
 Acq: 1 Jul 2017 12:32

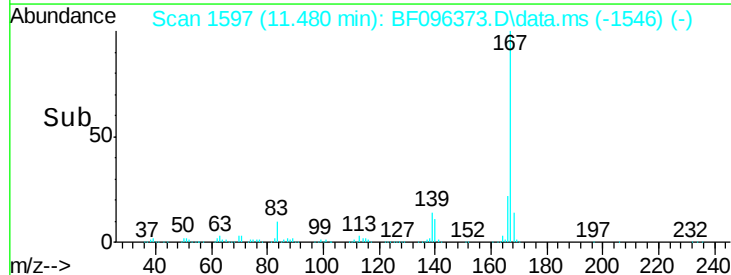
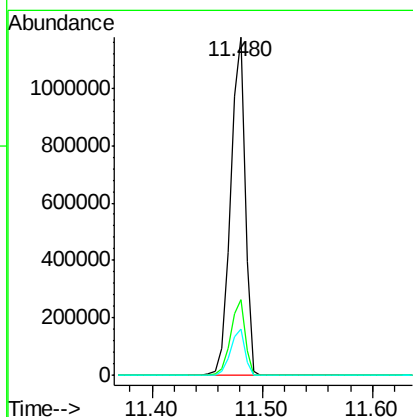
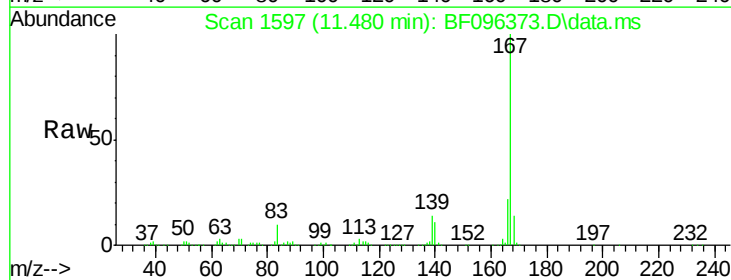
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

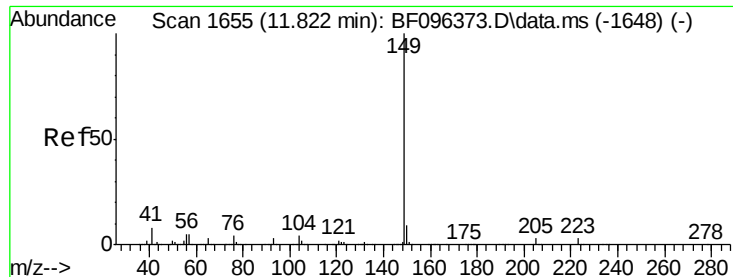
Tot Ion:178 Resp: 1091992  
 Ion Ratio Lower Upper  
 178 100  
 176 19.2 15.8 23.8  
 179 15.4 12.7 19.1



#72  
 Carbazole  
 Concen: 35.26 ng  
 RT: 11.480 min Scan# 1597  
 Delta R.T. 0.000 min  
 Lab File: BF096373.D  
 Acq: 1 Jul 2017 12:32

Tgt Ion:167 Resp: 1097713  
 Ion Ratio Lower Upper  
 167 100  
 166 22.3 18.1 27.1  
 139 13.6 11.7 17.5

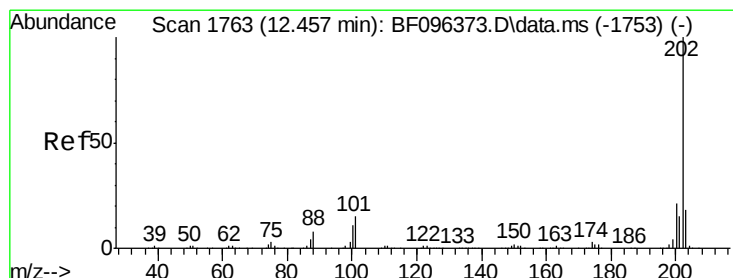
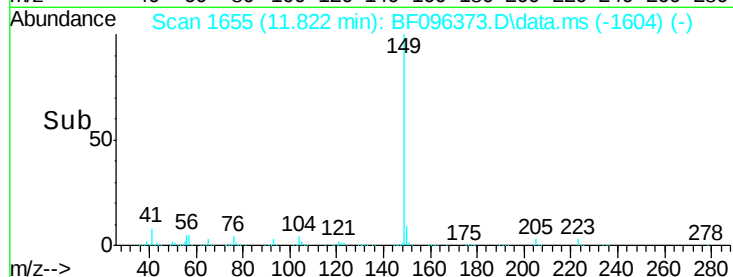
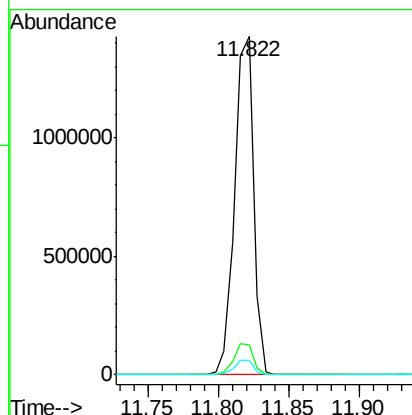
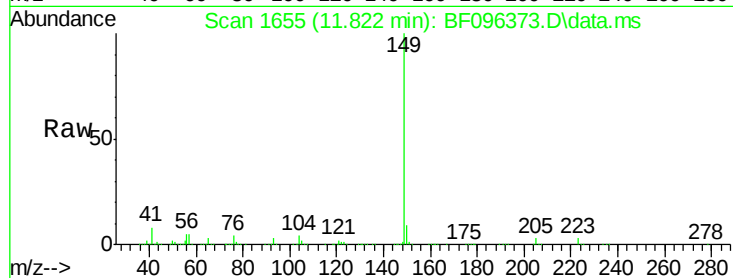




#73  
Di-n-butylphthalate  
Concen: 40.71 ng  
RT: 11.822 min Scan# 1655  
Delta R.T. 0.000 min  
Lab File: BF096373.D  
Acq: 1 Jul 2017 12:32

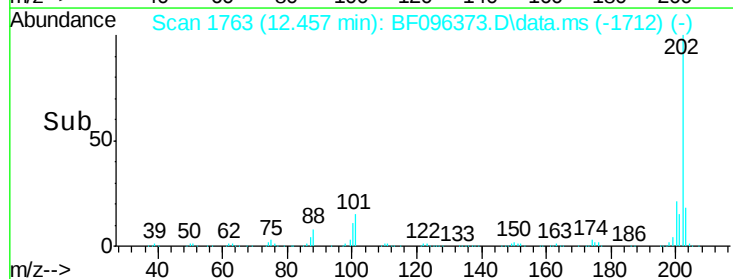
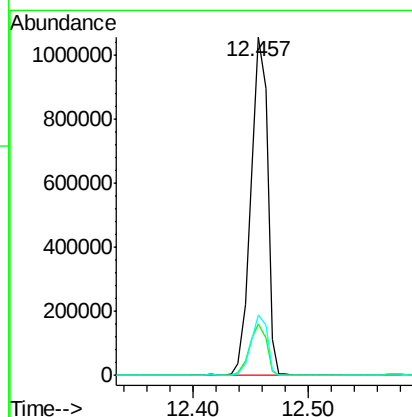
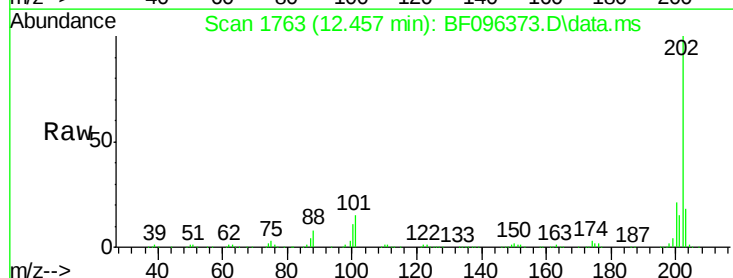
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

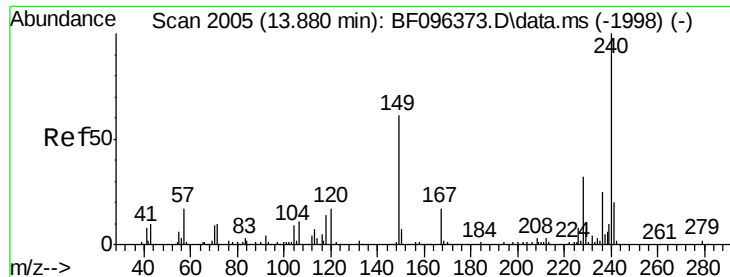
Tot Ion:149 Resp: 1338242  
Ion Ratio Lower Upper  
149 100  
150 8.7 7.7 11.5  
104 4.1 4.0 6.0



#74  
Fluoranthene  
Concen: 37.69 ng  
RT: 12.457 min Scan# 1763  
Delta R.T. 0.000 min  
Lab File: BF096373.D  
Acq: 1 Jul 2017 12:32

Tgt Ion:202 Resp: 1056565  
Ion Ratio Lower Upper  
202 100  
101 15.1 0.0 33.2  
203 17.8 0.0 38.1

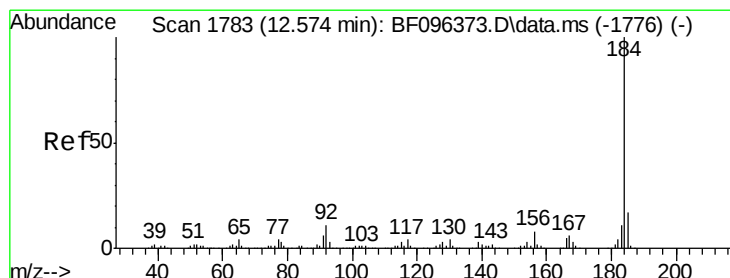
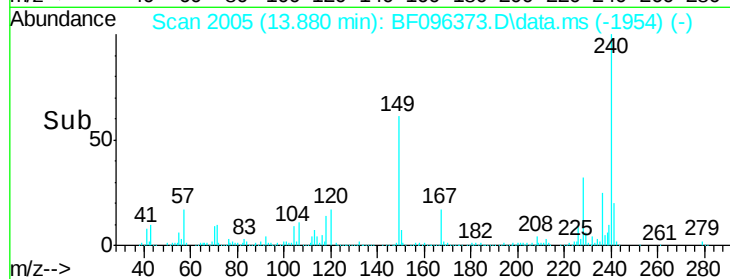
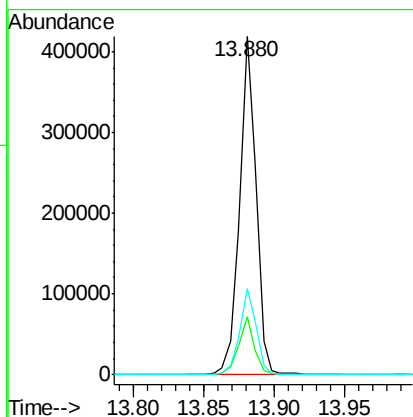
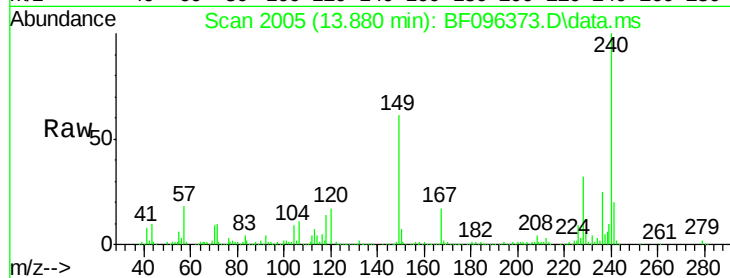




#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.880 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: BF096373.D  
Acq: 1 Jul 2017 12:32

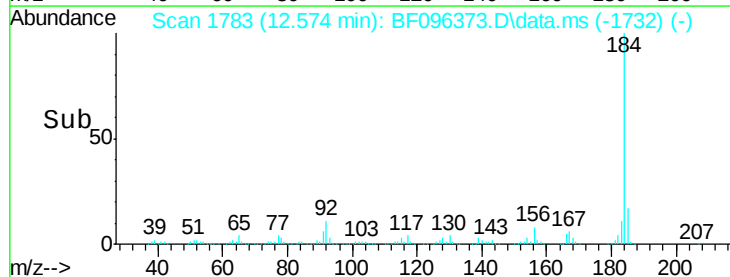
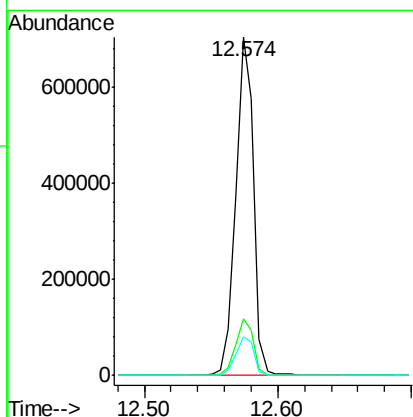
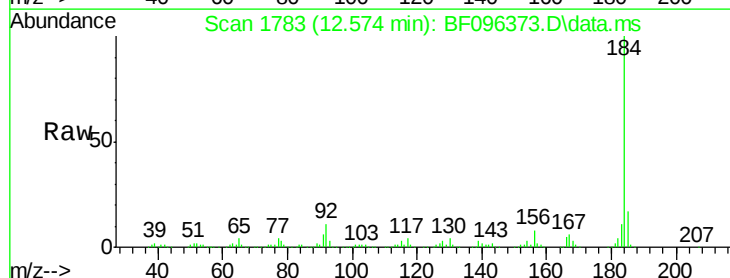
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

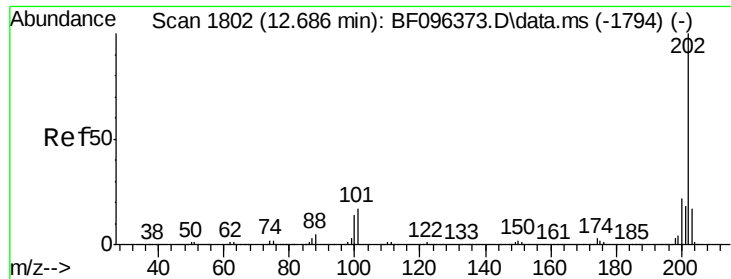
Tot Ion:240 Resp: 340153  
Ion Ratio Lower Upper  
240 100  
120 17.1 5.8 8.8#  
236 25.3 20.5 30.7



#76  
Benzidine  
Concen: 51.55 ng  
RT: 12.574 min Scan# 1783  
Delta R.T. 0.000 min  
Lab File: BF096373.D  
Acq: 1 Jul 2017 12:32

Tgt Ion:184 Resp: 657470  
Ion Ratio Lower Upper  
184 100  
185 16.7 15.5 23.3  
183 11.3 9.8 14.6



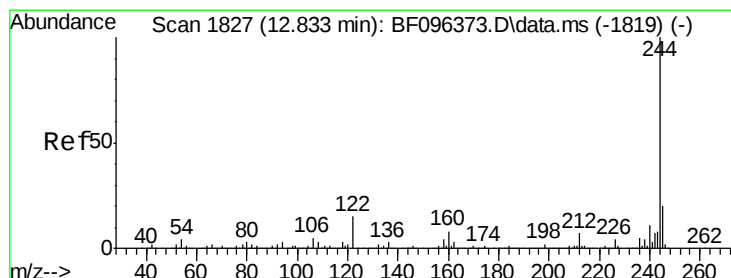
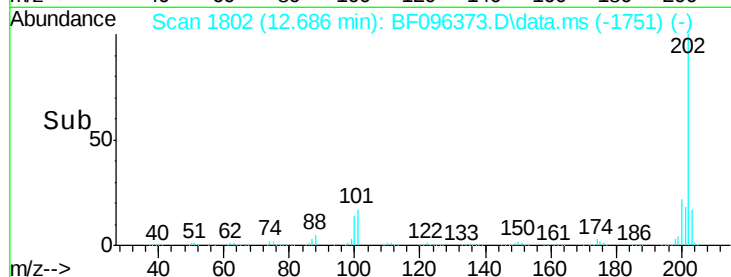
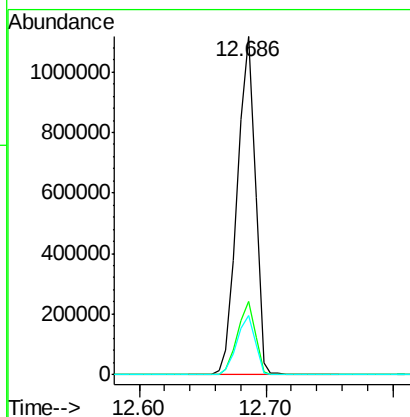
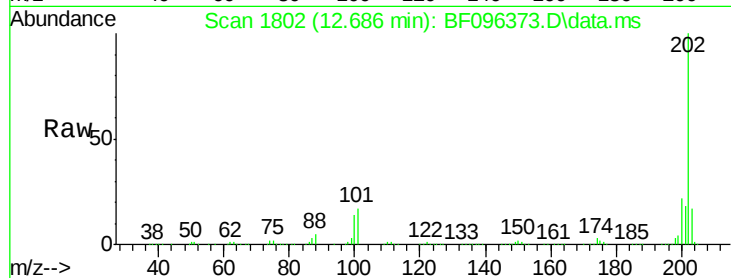


#77  
 Pvrene  
 Concen: 38.74 ng  
 RT: 12.686 min Scan# 1802  
 Delta R.T. 0.000 min  
 Lab File: BF096373.D  
 Acq: 1 Jul 2017 12:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

Tot Ion:202 Resp: 1082870  

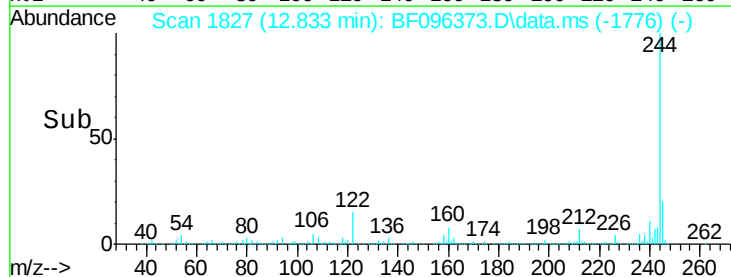
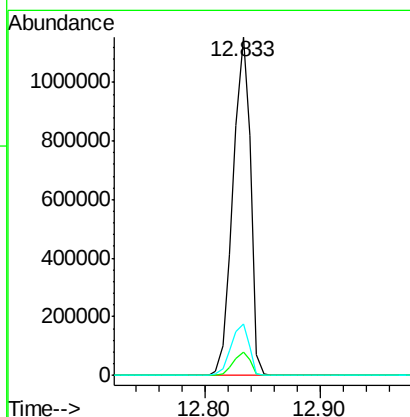
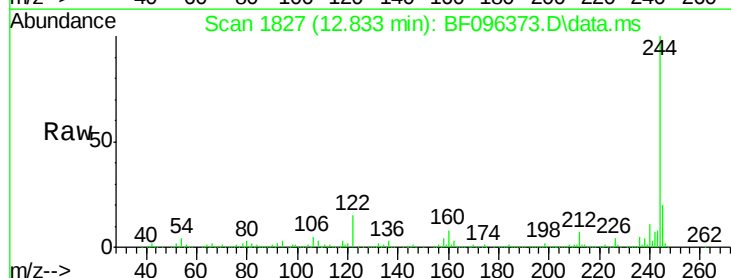
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 21.8  | 17.6  | 26.4  |
| 203 | 17.3  | 14.4  | 21.6  |

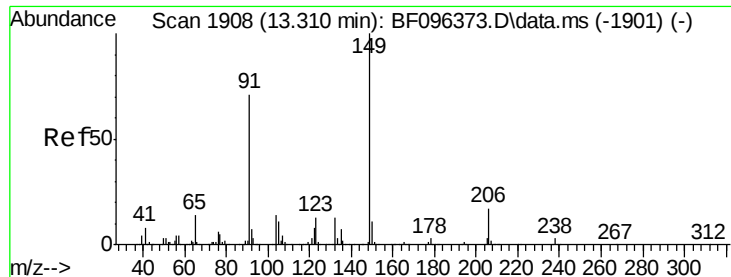


#78  
 Terphenyl-d14  
 Concen: 88.96 ng  
 RT: 12.833 min Scan# 1827  
 Delta R.T. 0.000 min  
 Lab File: BF096373.D  
 Acq: 1 Jul 2017 12:32

Tgt Ion:244 Resp: 1212744  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 6.8   | 6.0   | 9.0   |
| 122 | 15.4  | 10.3  | 15.5  |

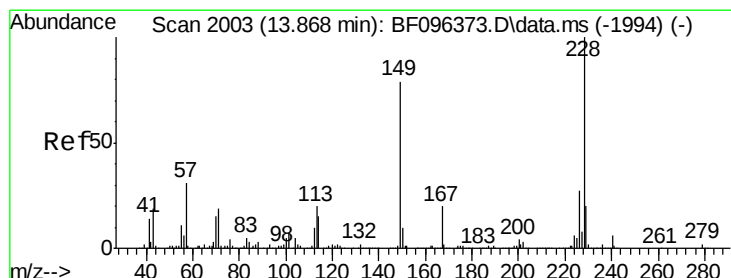
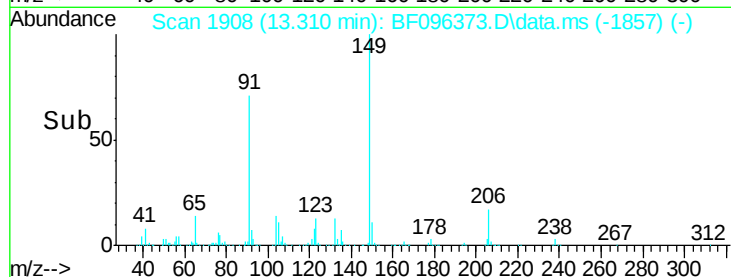
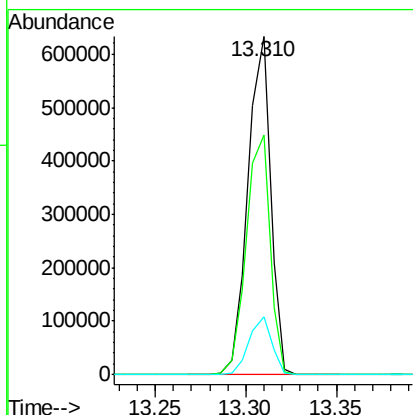
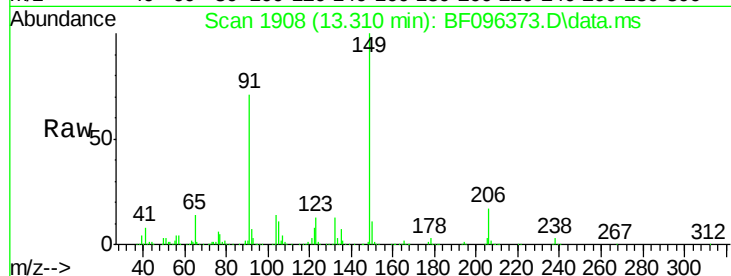




#79  
Butylbenzylphthalate  
Concen: 43.35 ng  
RT: 13.310 min Scan# 1908  
Delta R.T. 0.000 min  
Lab File: BF096373.D  
Acq: 1 Jul 2017 12:32

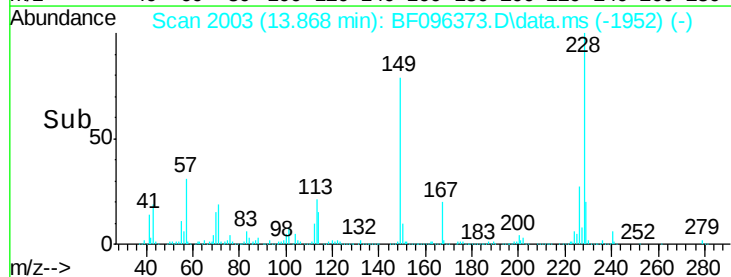
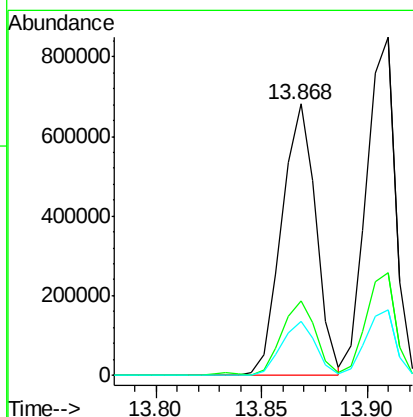
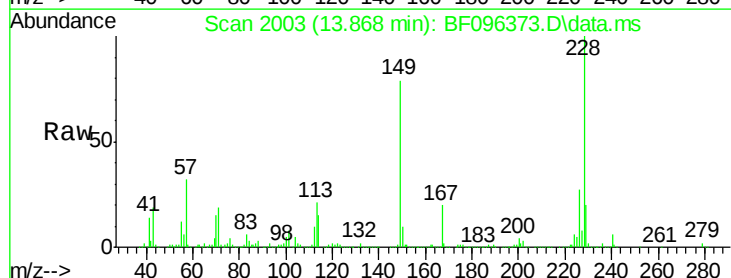
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

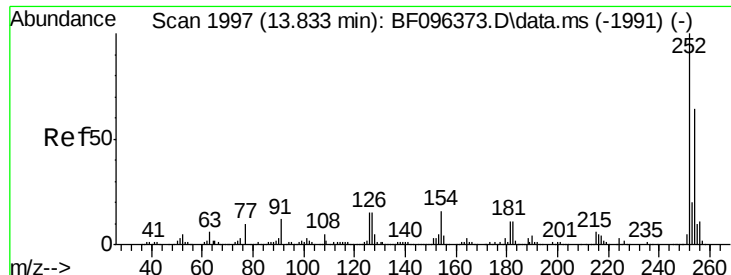
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 71.0  | 45.0  | 67.4# |
| 206     | 17.2  | 17.0  | 25.6  |



#80  
Benzo(a)anthracene  
Concen: 36.94 ng  
RT: 13.868 min Scan# 2003  
Delta R.T. 0.000 min  
Lab File: BF096373.D  
Acq: 1 Jul 2017 12:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.2  | 22.6  | 33.8  |
| 229     | 19.8  | 16.3  | 24.5  |

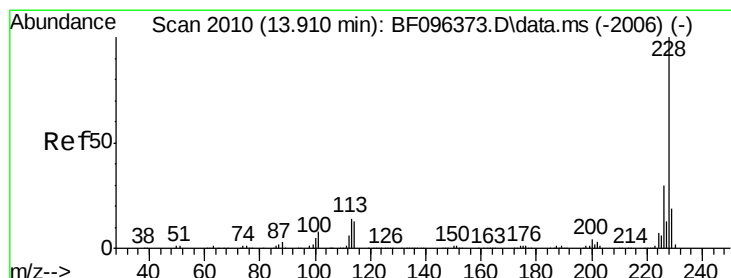
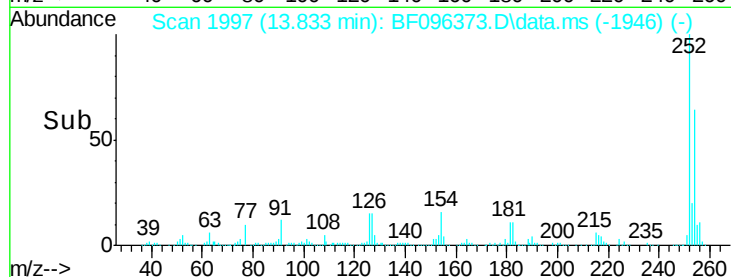
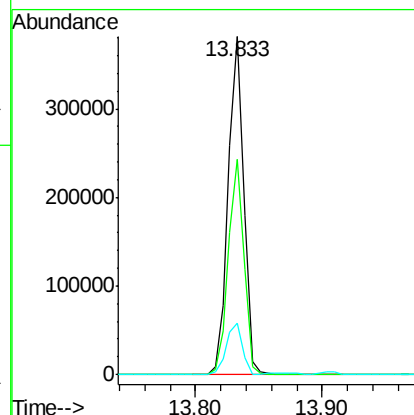
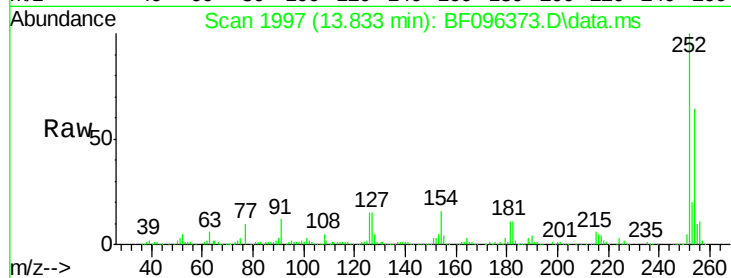




#81  
 3,3'-Dichlorobenzidine  
 Concen: 41.46 ng  
 RT: 13.833 min Scan# 1997  
 Delta R.T. 0.000 min  
 Lab File: BF096373.D  
 Acq: 1 Jul 2017 12:32

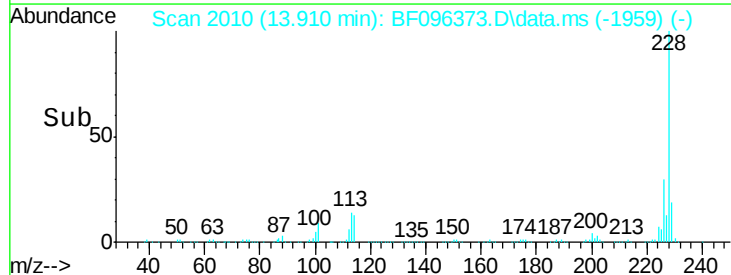
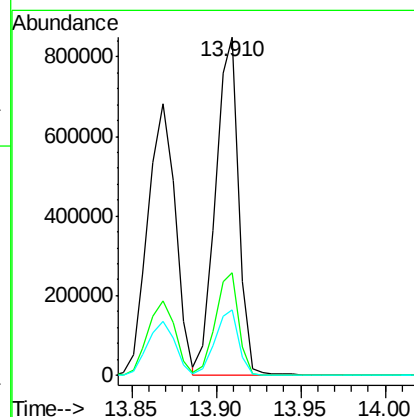
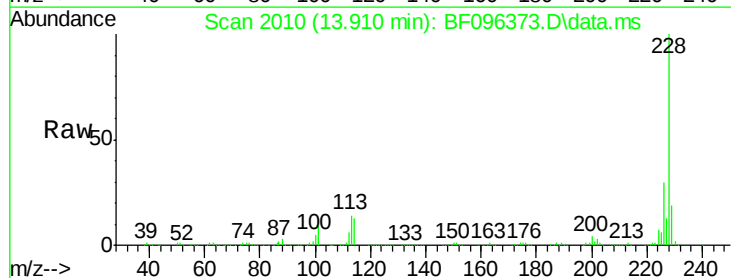
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

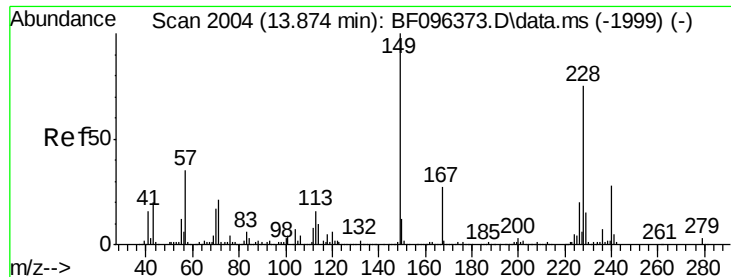
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 63.8  | 51.5  | 77.3  |
| 126     | 15.3  | 15.8  | 23.8  |



#82  
 Chrysene  
 Concen: 37.97 ng  
 RT: 13.910 min Scan# 2010  
 Delta R.T. 0.000 min  
 Lab File: BF096373.D  
 Acq: 1 Jul 2017 12:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.2  | 24.9  | 37.3  |
| 229     | 19.5  | 15.8  | 23.6  |

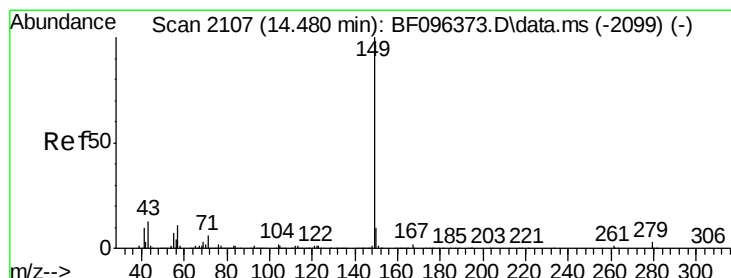
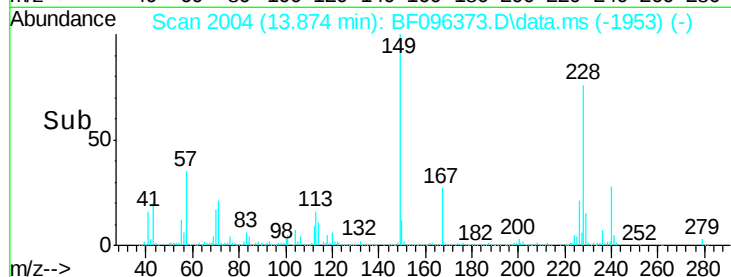
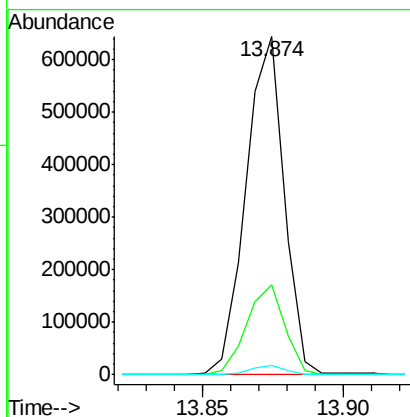
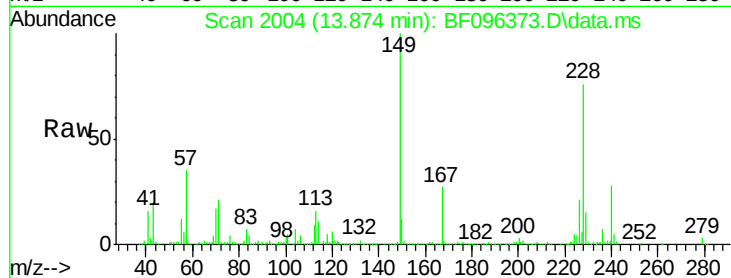




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 43.26 ng  
 RT: 13.874 min Scan# 2004  
 Delta R.T. 0.000 min  
 Lab File: BF096373.D  
 Acq: 1 Jul 2017 12:32

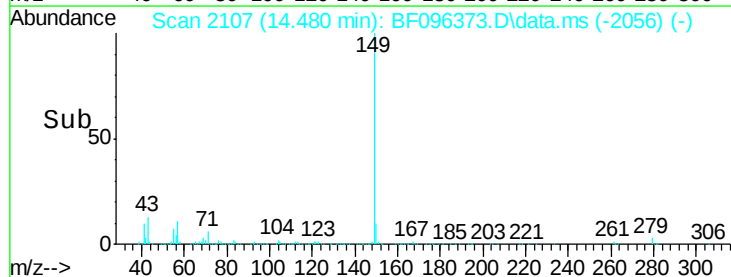
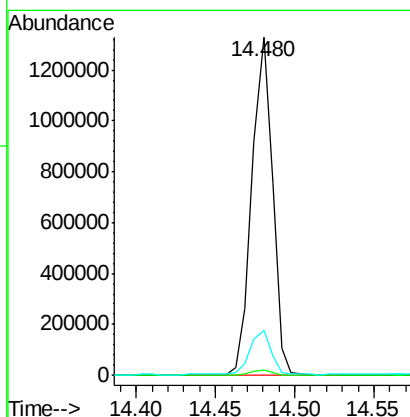
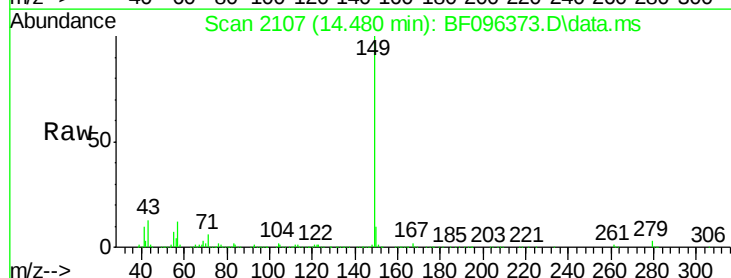
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

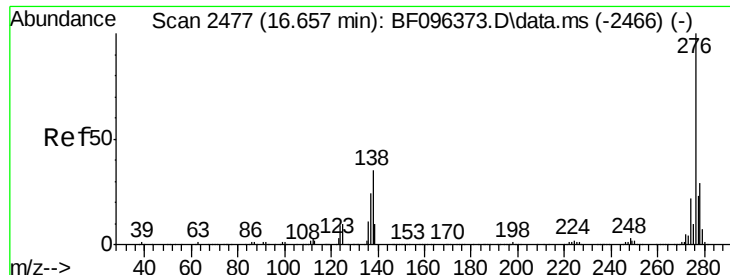
Tot Ion:149 Resp: 602248  
 Ion Ratio Lower Upper  
 149 100  
 167 26.5 21.0 31.4  
 279 2.8 1.9 2.9



#84  
 Di-n-octyl phthalate  
 Concen: 42.04 ng  
 RT: 14.480 min Scan# 2107  
 Delta R.T. 0.000 min  
 Lab File: BF096373.D  
 Acq: 1 Jul 2017 12:32

Tgt Ion:149 Resp: 1205617  
 Ion Ratio Lower Upper  
 149 100  
 167 1.6 1.2 1.8  
 43 13.3 8.5 12.7#

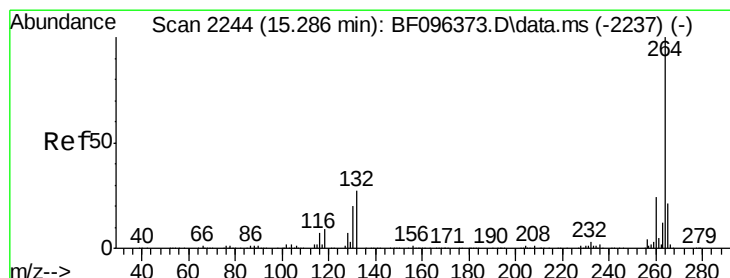
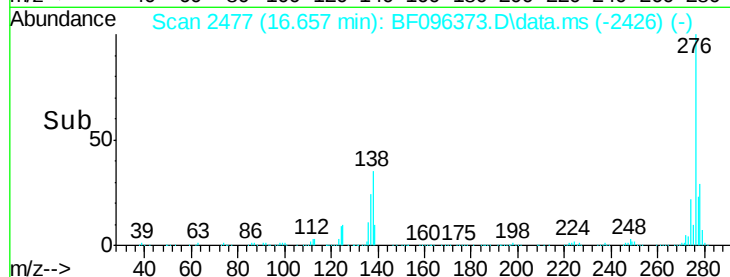
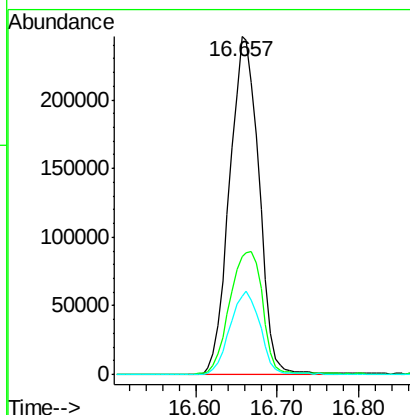
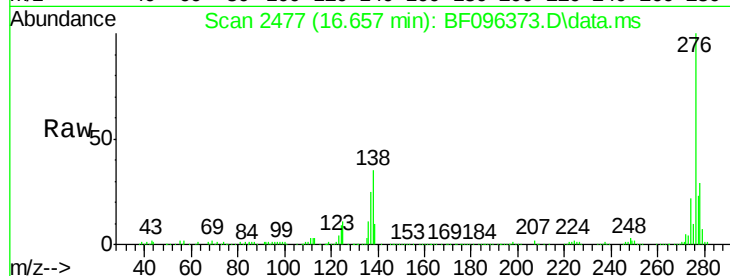




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 34.61 ng  
 RT: 16.657 min Scan# 2477  
 Delta R.T. 0.000 min  
 Lab File: BF096373.D  
 Acq: 1 Jul 2017 12:32

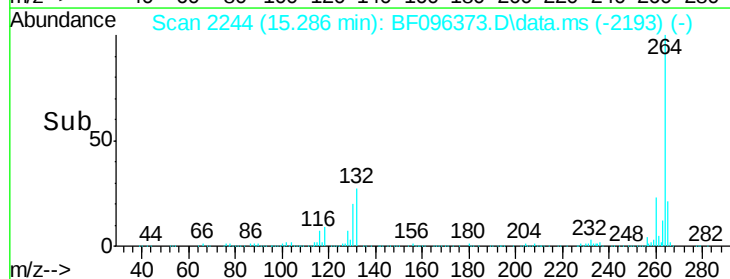
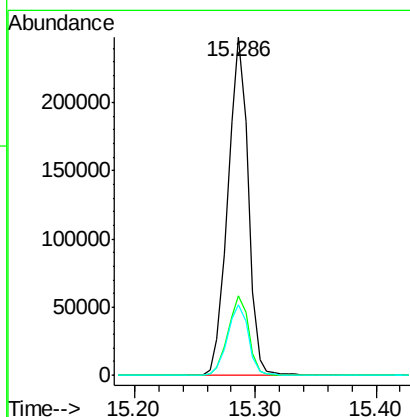
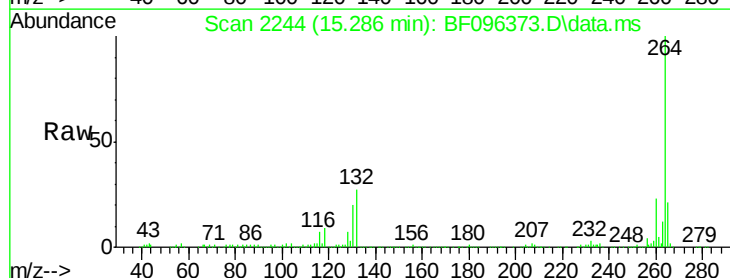
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

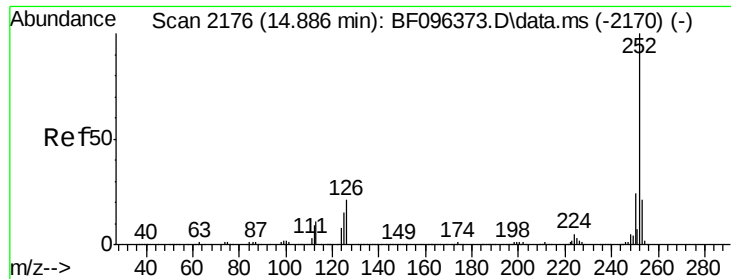
|             |       |           |
|-------------|-------|-----------|
| Tot Ion:276 | Resp: | 616176    |
| Ion Ratio   | Lower | Upper     |
| 276         | 100   |           |
| 138         | 40.7  | 27.8 41.6 |
| 277         | 25.3  | 20.2 30.4 |



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.286 min Scan# 2244  
 Delta R.T. 0.000 min  
 Lab File: BF096373.D  
 Acq: 1 Jul 2017 12:32

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:264 | Resp: | 289474    |
| Ion Ratio   | Lower | Upper     |
| 264         | 100   |           |
| 260         | 23.5  | 19.5 29.3 |
| 265         | 20.8  | 17.2 25.8 |





#87

Benzo(b)fluoranthene

Concen: 39.14 ng

RT: 14.886 min Scan# 2176

Delta R.T. 0.000 min

Lab File: BF096373.D

Acq: 1 Jul 2017 12:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

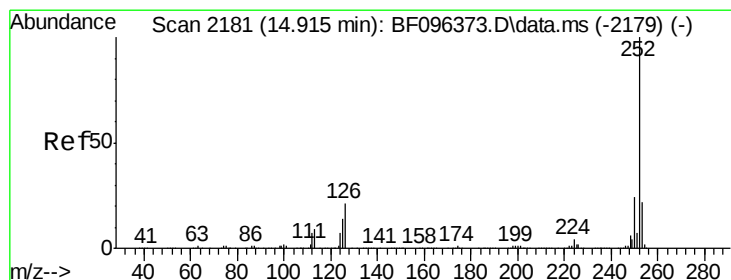
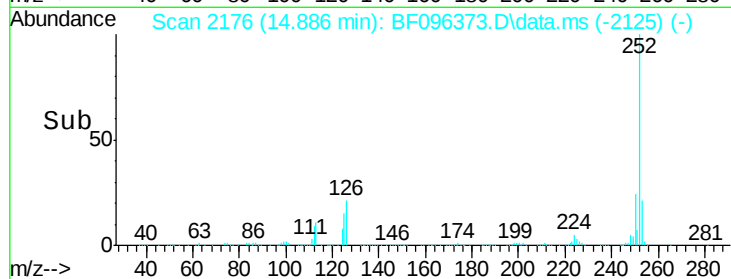
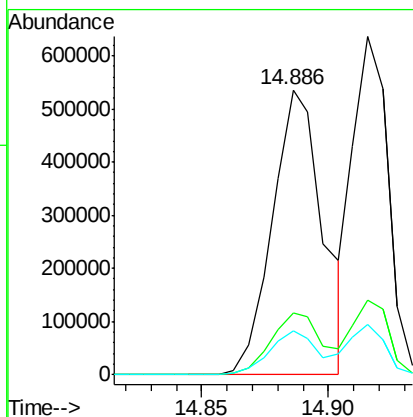
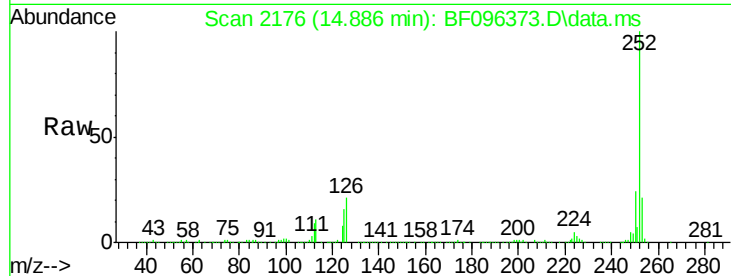
Tot Ion:252 Resp: 744208

Ion Ratio Lower Upper

252 100

253 21.5 18.1 27.1

125 15.5 9.8 14.8#



#88

Benzo(k)fluoranthene

Concen: 36.12 ng

RT: 14.915 min Scan# 2181

Delta R.T. 0.000 min

Lab File: BF096373.D

Acq: 1 Jul 2017 12:32

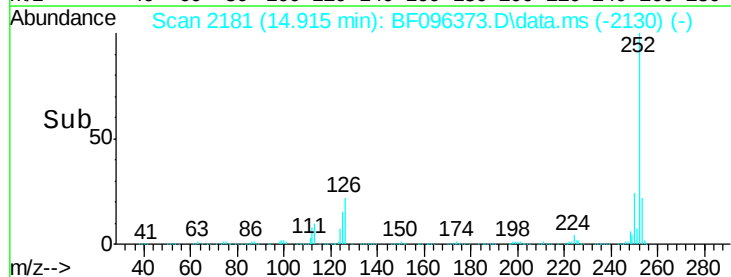
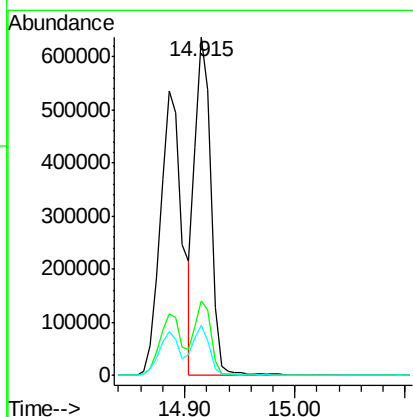
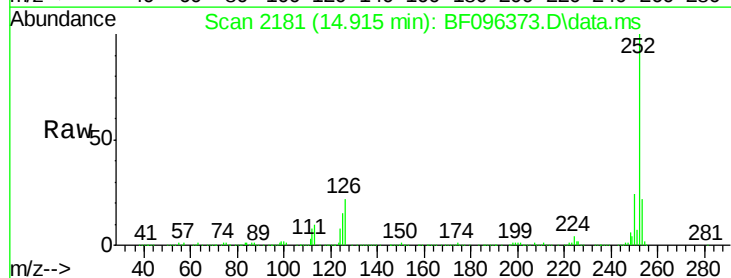
Tgt Ion:252 Resp: 627109

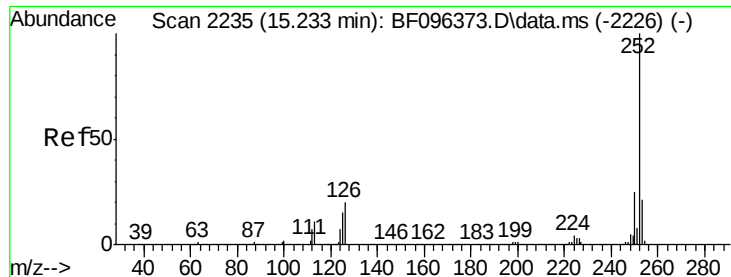
Ion Ratio Lower Upper

252 100

253 22.0 18.4 27.6

125 15.0 13.1 19.7

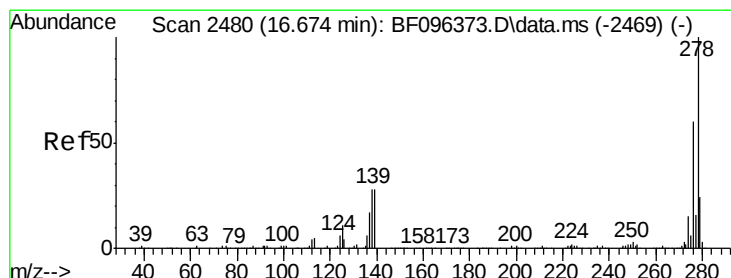
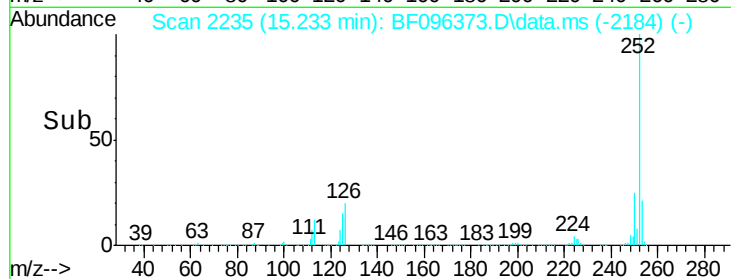
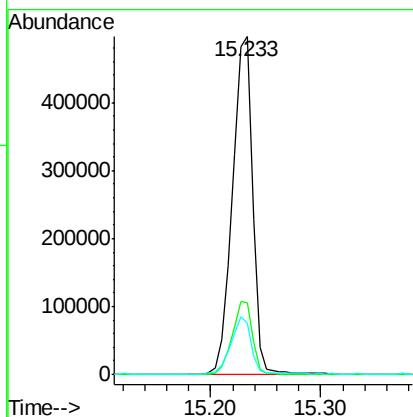
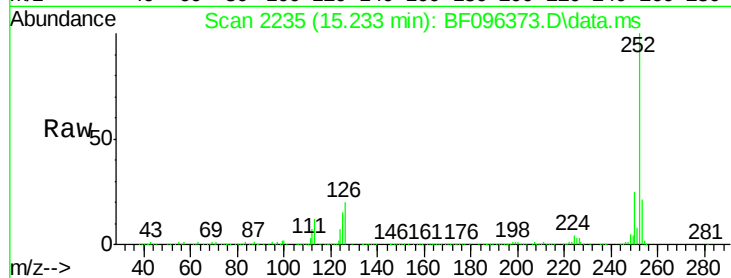




#89  
Benzo(a)pyrene  
Concen: 38.43 ng  
RT: 15.233 min Scan# 2235  
Delta R.T. 0.000 min  
Lab File: BF096373.D  
Acq: 1 Jul 2017 12:32

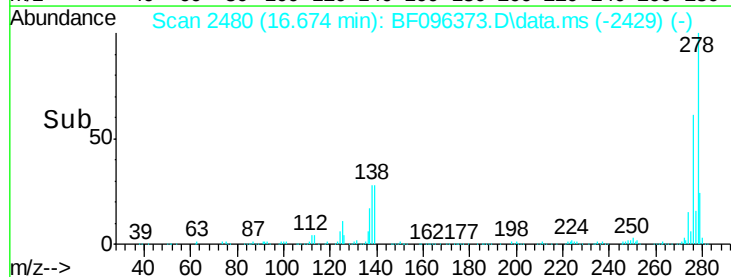
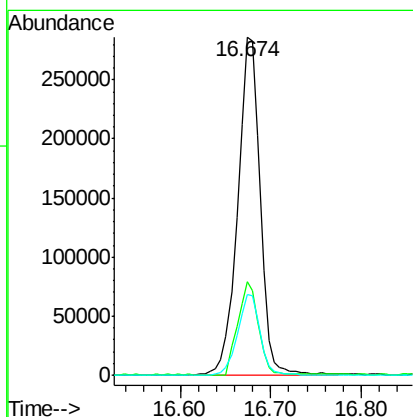
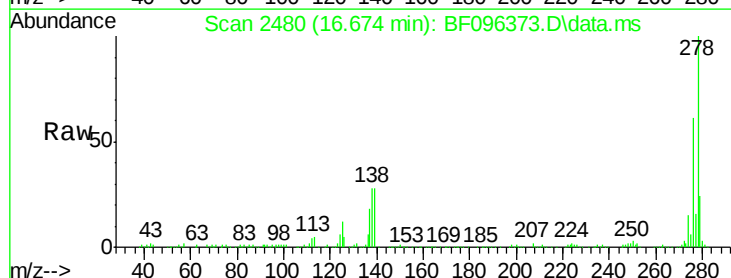
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

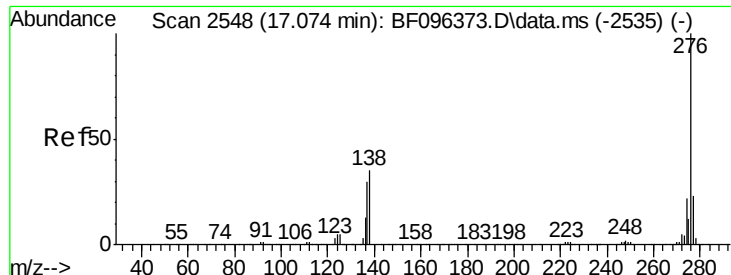
Tot Ion:252 Resp: 645389  
Ion Ratio Lower Upper  
252 100  
253 21.4 17.5 26.3  
125 15.1 11.0 16.4



#90  
Dibenzo(a,h)anthracene  
Concen: 37.75 ng  
RT: 16.674 min Scan# 2480  
Delta R.T. 0.000 min  
Lab File: BF096373.D  
Acq: 1 Jul 2017 12:32

Tgt Ion:278 Resp: 496502  
Ion Ratio Lower Upper  
278 100  
139 27.8 16.6 24.8#  
279 23.8 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 37.75 ng

RT: 17.074 min Scan# 25

Delta R.T. 0.000 min

Lab File: BF096373.D

Acq: 1 Jul 2017 12:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tot Ion:276 Resp: 516066

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 34.8 25.4 38.0

