

Data File : BF098729.D  
Acq On : 23 Sep 2017 10:30  
Operator : SJ/JU  
Sample : SSTDICC2.5  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

Quant Time: Sep 23 13:30:23 2017  
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF092317.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Sep 23 12:56:14 2017  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.92  | 152  | 151355   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.20  | 136  | 639772   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.96  | 164  | 298627   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.44 | 188  | 538097   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.08 | 240  | 443556   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.57 | 264  | 390660   | 20.00 | ng    | 0.00     |

System Monitoring Compounds

|                          |      |     |    |      |    |  |
|--------------------------|------|-----|----|------|----|--|
| 5) 2-Fluorophenol        | 0.00 | 112 | 0d | 0.00 | ng |  |
| 7) Phenol-d6             | 0.00 | 99  | 0d | 0.00 | ng |  |
| 23) Nitrobenzene-d5      | 0.00 | 82  | 0d | 0.00 | ng |  |
| 41) 2,4,6-Tribromophenol | 0.00 | 330 | 0d | 0.00 | ng |  |
| 44) 2-Fluorobiphenyl     | 0.00 | 172 | 0d | 0.00 | ng |  |
| 78) Terphenyl-d14        | 0.00 | 244 | 0d | 0.00 | ng |  |

Target Compounds

|                                |      |     |       |      |    | Qvalue |
|--------------------------------|------|-----|-------|------|----|--------|
| 2) 1,4-Dioxane                 | 2.77 | 88  | 12252 | 2.60 | ng | 95     |
| 3) Pyridine                    | 3.59 | 79  | 31867 | 2.55 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.49 | 42  | 12507 | 2.28 | ng | # 87   |
| 6) Aniline                     | 6.57 | 93  | 42450 | 2.65 | ng | 97     |
| 8) 2-Chlorophenol              | 6.70 | 128 | 29709 | 2.74 | ng | 97     |
| 10) Phenol                     | 6.54 | 94  | 36143 | 2.71 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 6.65 | 93  | 27817 | 2.71 | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 6.86 | 146 | 31370 | 2.74 | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 6.94 | 146 | 33369 | 2.88 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.09 | 146 | 29933 | 2.77 | ng | 96     |
| 15) Benzyl Alcohol             | 7.05 | 79  | 24103 | 2.77 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.19 | 45  | 44750 | 2.74 | ng | 99     |
| 17) 2-Methylphenol             | 7.16 | 107 | 23922 | 2.71 | ng | 98     |
| 18) Hexachloroethane           | 7.43 | 117 | 11633 | 2.92 | ng | 93     |
| 19) n-Nitroso-di-n-propylamine | 7.32 | 70  | 21768 | 2.91 | ng | 93     |
| 20) 3+4-Methylphenols          | 7.30 | 107 | 31706 | 2.79 | ng | 92     |
| 22) Acetophenone               | 7.32 | 105 | 46810 | 2.96 | ng | 97     |
| 24) Nitrobenzene               | 7.49 | 77  | 30075 | 2.76 | ng | 98     |
| 25) Isophorone                 | 7.73 | 82  | 55561 | 2.70 | ng | 99     |
| 26) 2-Nitrophenol              | 7.82 | 139 | 12113 | 2.74 | ng | 93     |
| 27) 2,4-Dimethylphenol         | 7.84 | 122 | 28586 | 2.83 | ng | 95     |
| 28) bis(2-Chloroethoxy)methane | 7.95 | 93  | 35482 | 2.77 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 8.05 | 162 | 23400 | 2.69 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.14 | 180 | 24607 | 2.81 | ng | 99     |
| 31) Naphthalene                | 8.22 | 128 | 88244 | 2.91 | ng | 100    |
| 33) 4-Chloroaniline            | 8.26 | 127 | 35793 | 2.84 | ng | 97     |
| 34) Hexachlorobutadiene        | 8.34 | 225 | 12997 | 2.75 | ng | 94     |
| 35) Caprolactam                | 8.59 | 113 | 7478  | 2.76 | ng | 96     |
| 36) 4-Chloro-3-methylphenol    | 8.73 | 107 | 27363 | 2.76 | ng | 95     |
| 37) 2-Methylnaphthalene        | 8.91 | 142 | 56388 | 2.89 | ng | 97     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.07 | 216 | 25785 | 2.92 | ng | 97     |
| 40) Hexachlorocyclopentadiene  | 9.06 | 237 | 9595  | 2.50 | ng | 98     |
| 42) 2,4,6-Trichlorophenol      | 9.19 | 196 | 16191 | 2.72 | ng | 92     |
| 43) 2,4,5-Trichlorophenol      | 9.22 | 196 | 17139 | 2.81 | ng | 99     |

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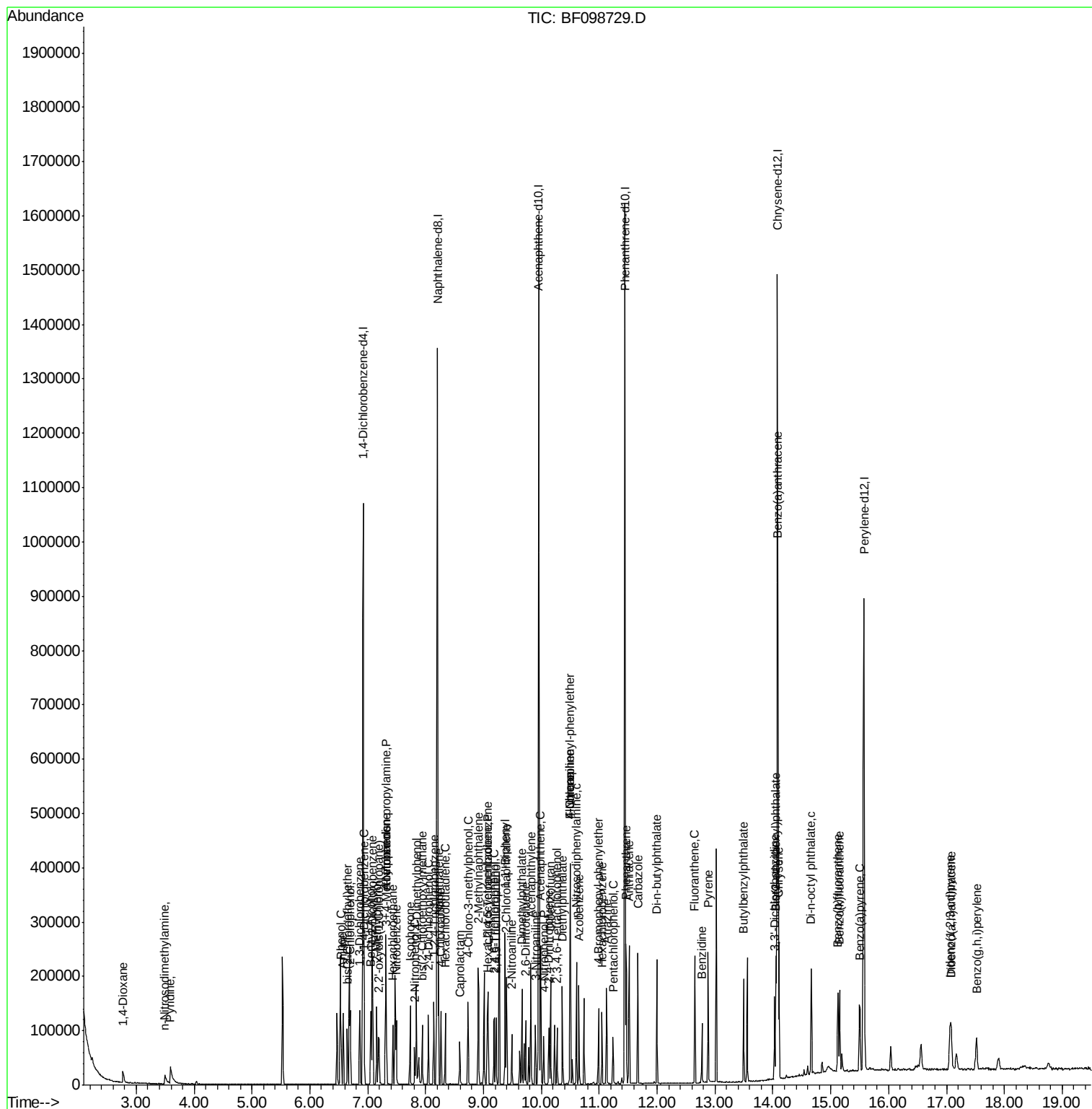
| Internal Standards             | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|--------------------------------|-------|------|----------|------|-------|----------|
| 45) 1,1'-Biphenyl              | 9.37  | 154  | 77615    | 3.03 | ng    | 96       |
| 46) 2-Chloronaphthalene        | 9.40  | 162  | 55050    | 2.86 | ng    | 98       |
| 47) 2-Nitroaniline             | 9.49  | 65   | 14354    | 2.66 | ng    | 98       |
| 48) Acenaphthylene             | 9.82  | 152  | 86424    | 2.92 | ng    | 96       |
| 49) Dimethylphthalate          | 9.66  | 163  | 63713    | 2.85 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.73  | 165  | 12038    | 2.72 | ng    | # 88     |
| 51) Acenaphthene               | 9.99  | 154  | 54524    | 2.97 | ng    | 97       |
| 52) 3-Nitroaniline             | 9.90  | 138  | 14018    | 2.66 | ng    | 95       |
| 54) Dibenzofuran               | 10.16 | 168  | 73294    | 2.92 | ng    | 98       |
| 55) 4-Nitrophenol              | 10.04 | 139  | 11501    | 2.51 | ng    | 97       |
| 56) 2,4-Dinitrotoluene         | 10.13 | 165  | 14620    | 2.46 | ng    | 88       |
| 57) Fluorene                   | 10.50 | 166  | 62219    | 3.09 | ng    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.27 | 232  | 11596    | 2.67 | ng    | # 96     |
| 59) Diethylphthalate           | 10.36 | 149  | 65092    | 2.97 | ng    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.49 | 204  | 27786    | 3.15 | ng    | 97       |
| 61) 4-Nitroaniline             | 10.50 | 138  | 13308    | 2.63 | ng    | 96       |
| 62) Azobenzene                 | 10.65 | 77   | 59694    | 2.91 | ng    | 98       |
| 65) n-Nitrosodiphenylamine     | 10.61 | 169  | 53565    | 2.89 | ng    | 98       |
| 66) 4-Bromophenyl-phenylether  | 10.99 | 248  | 14663    | 2.70 | ng    | 93       |
| 67) Hexachlorobenzene          | 11.05 | 284  | 15716    | 2.54 | ng    | 98       |
| 68) Atrazine                   | 11.13 | 200  | 16042    | 2.88 | ng    | 97       |
| 69) Pentachlorophenol          | 11.24 | 266  | 7648     | 2.16 | ng    | 91       |
| 70) Phenanthrene               | 11.46 | 178  | 87258    | 2.99 | ng    | 99       |
| 71) Anthracene                 | 11.52 | 178  | 86784    | 2.92 | ng    | 99       |
| 72) Carbazole                  | 11.67 | 167  | 84188    | 2.89 | ng    | 99       |
| 73) Di-n-butylphthalate        | 12.00 | 149  | 99892    | 2.96 | ng    | 98       |
| 74) Fluoranthene               | 12.65 | 202  | 86105    | 2.96 | ng    | 98       |
| 76) Benzidine                  | 12.77 | 184  | 41445    | 2.30 | ng    | 97       |
| 77) Pyrene                     | 12.88 | 202  | 92438    | 2.81 | ng    | 99       |
| 79) Butylbenzylphthalate       | 13.50 | 149  | 38454    | 2.82 | ng    | 98       |
| 80) Benzo(a)anthracene         | 14.07 | 228  | 74514    | 2.79 | ng    | 97       |
| 81) 3,3'-Dichlorobenzidine     | 14.03 | 252  | 26491    | 2.78 | ng    | 99       |
| 82) Chrysene                   | 14.10 | 228  | 72834    | 2.82 | ng    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 14.05 | 149  | 58018    | 3.08 | ng    | # 95     |
| 84) Di-n-octyl phthalate       | 14.67 | 149  | 94474    | 3.34 | ng    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.06 | 276  | 58409    | 2.92 | ng    | 97       |
| 87) Benzo(b)fluoranthene       | 15.13 | 252  | 63055    | 2.78 | ng    | 100      |
| 88) Benzo(k)fluoranthene       | 15.16 | 252  | 64863    | 2.86 | ng    | 98       |
| 89) Benzo(a)pyrene             | 15.50 | 252  | 59135    | 2.87 | ng    | 96       |
| 90) Dibenzo(a,h)anthracene     | 17.08 | 278  | 46677    | 2.68 | ng    | 97       |
| 91) Benzo(g,h,i)perylene       | 17.52 | 276  | 45128    | 2.58 | ng    | 97       |

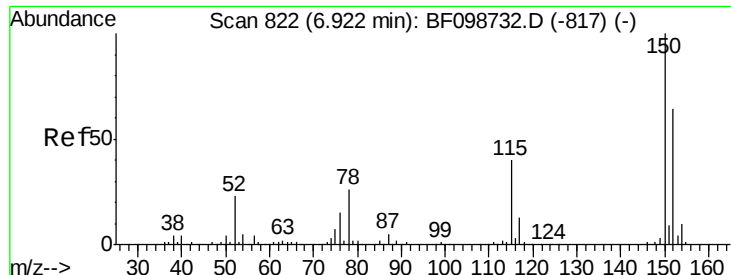
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 2      Sample Multiplier: 1

SSTDICC2.5

Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF098729.D

Acq: 23 Sep 2017 10:30

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

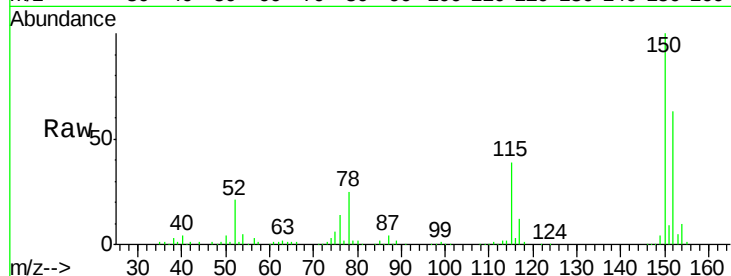
Tgt Ion:152 Resp: 151355

Ion Ratio Lower Upper

152 100

150 158.3 124.6 186.8

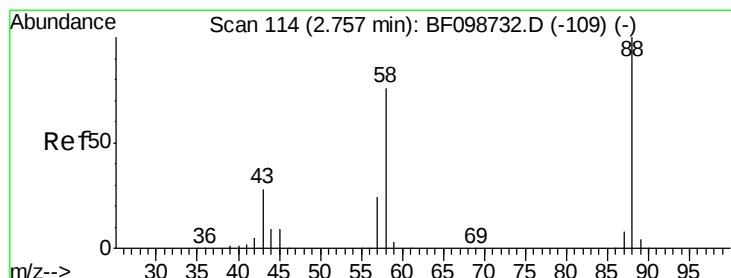
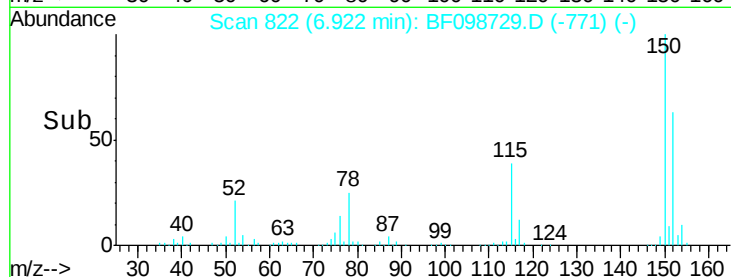
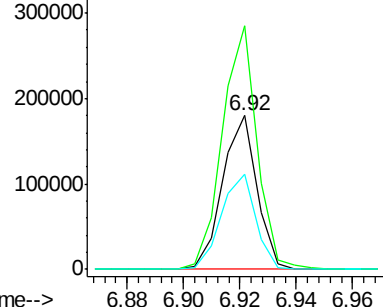
115 61.7 50.1 75.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 2.60 ng

RT: 2.77 min Scan# 116

Delta R.T. 0.01 min

Lab File: BF098729.D

Acq: 23 Sep 2017 10:30

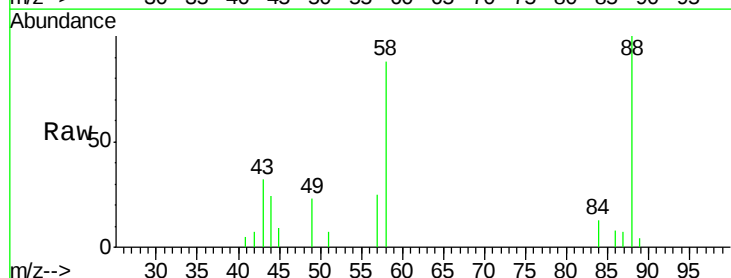
Tgt Ion: 88 Resp: 12252

Ion Ratio Lower Upper

88 100

58 74.0 62.6 93.8

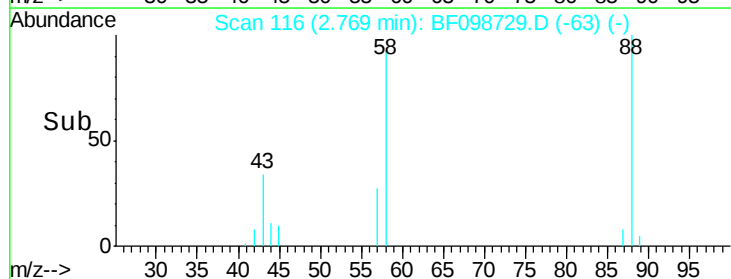
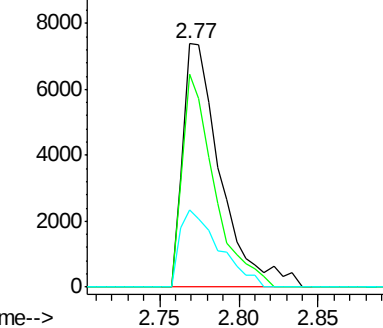
43 33.0 24.6 37.0

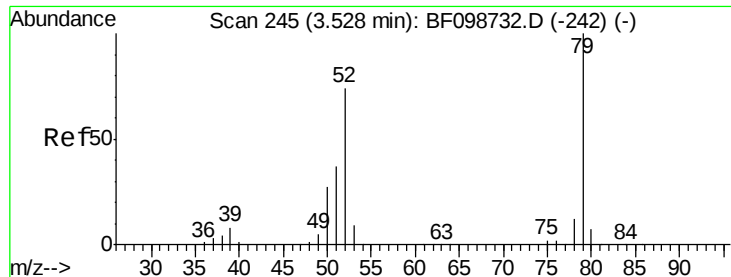


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 2.55 ng

RT: 3.59 min Scan# 255

Delta R.T. 0.06 min

Lab File: BF098729.D

Acq: 23 Sep 2017 10:30

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

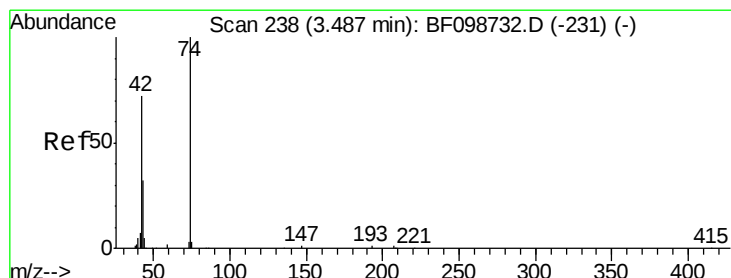
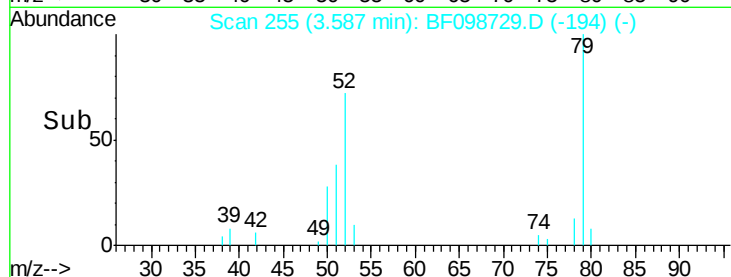
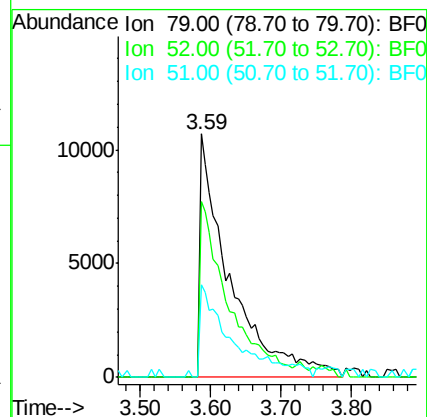
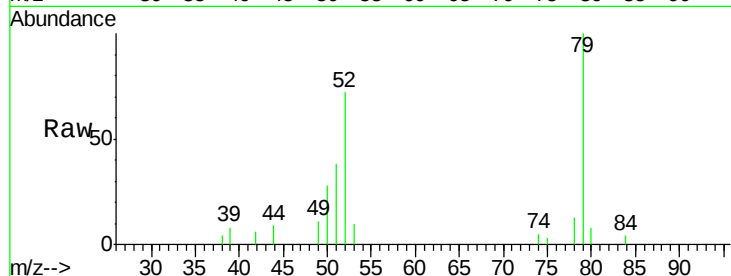
Tgt Ion: 79 Resp: 31867

Ion Ratio Lower Upper

79 100

52 72.2 59.8 89.6

51 38.0 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 2.28 ng

RT: 3.49 min Scan# 239

Delta R.T. 0.01 min

Lab File: BF098729.D

Acq: 23 Sep 2017 10:30

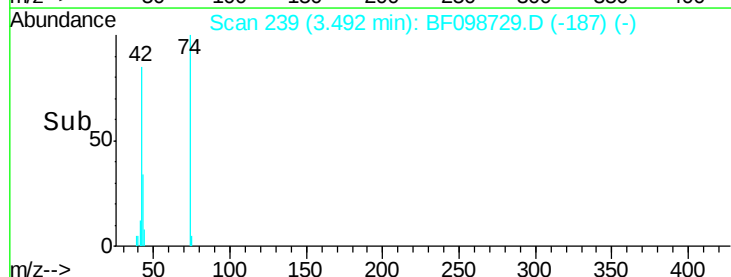
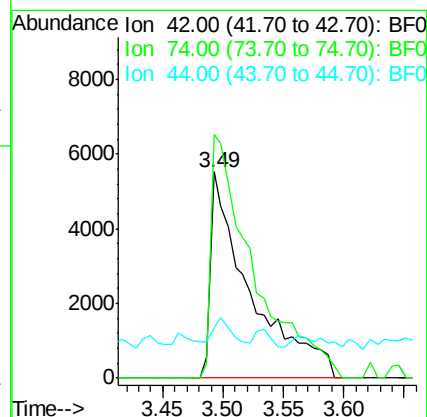
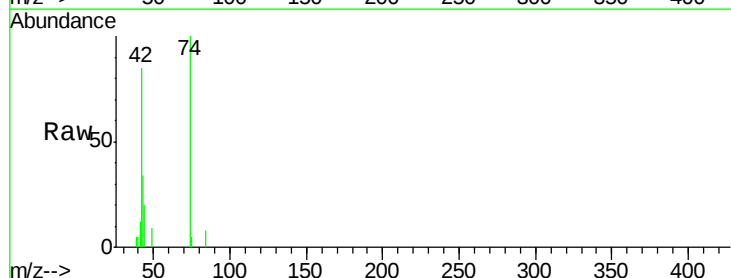
Tgt Ion: 42 Resp: 12507

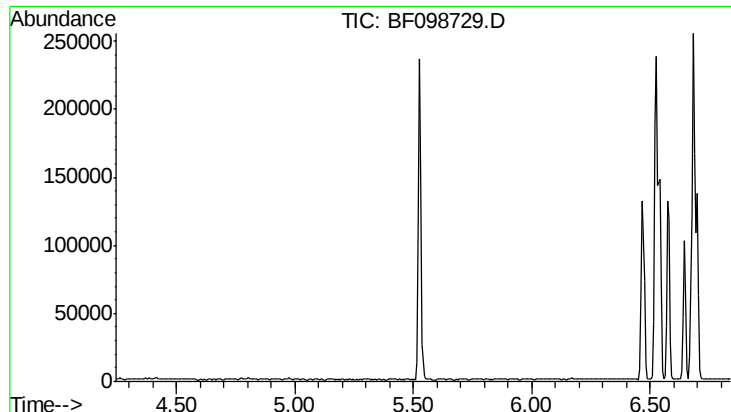
Ion Ratio Lower Upper

42 100

74 117.9 104.9 157.3

44 24.1 6.9 10.3#





#5

2-Fluorophenol

Concen: 0.00 ng

Expected RT: 5.54 min

Lab File: BF098729.D

Acq: 23 Sep 2017 10:30

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

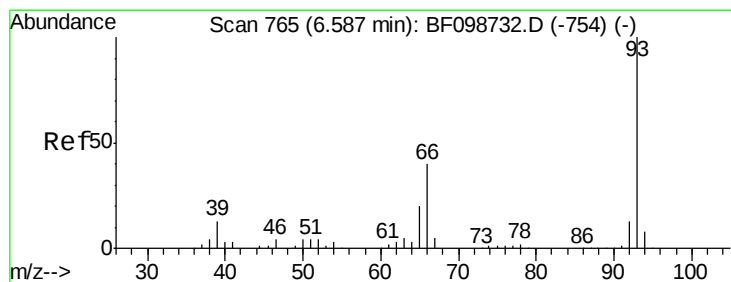
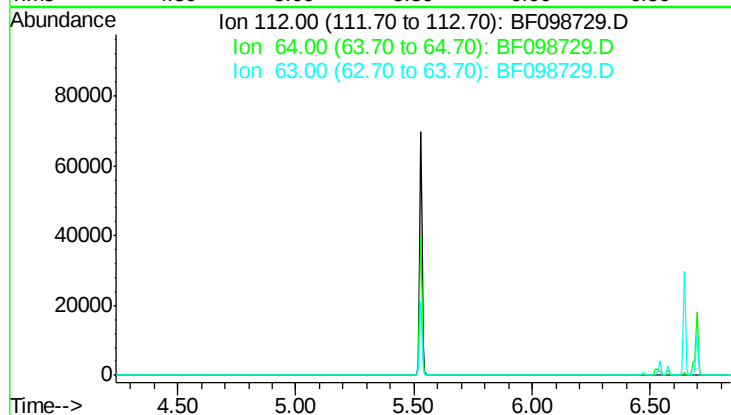
Tgt Ion: 112

Sig Exp Ratio

112 100

64 59.9

63 29.6



#6

Aniline

Concen: 2.65 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF098729.D

Acq: 23 Sep 2017 10:30

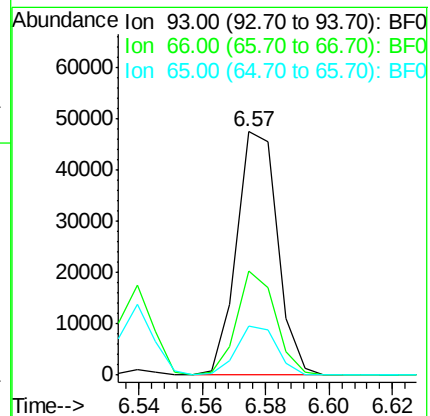
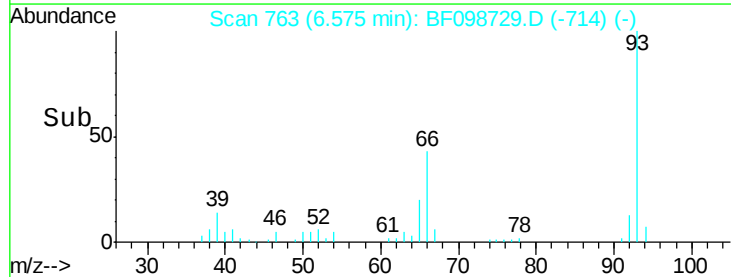
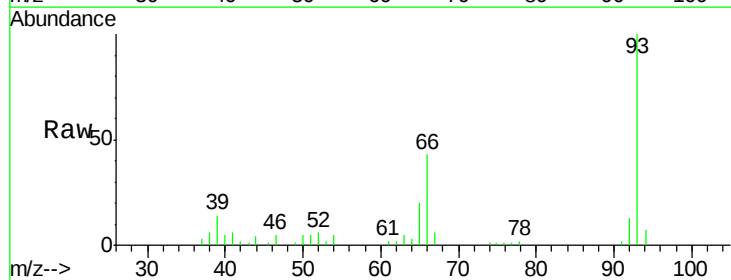
Tgt Ion: 93 Resp: 42450

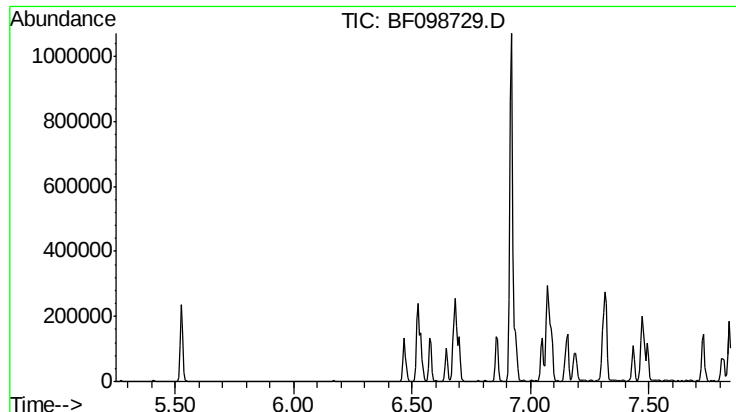
Ion Ratio Lower Upper

93 100

66 42.5 32.2 48.2

65 20.1 16.4 24.6





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.55 min

Lab File: BF098729.D

Acq: 23 Sep 2017 10:30

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

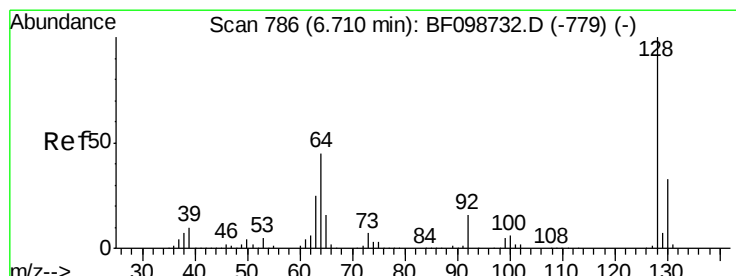
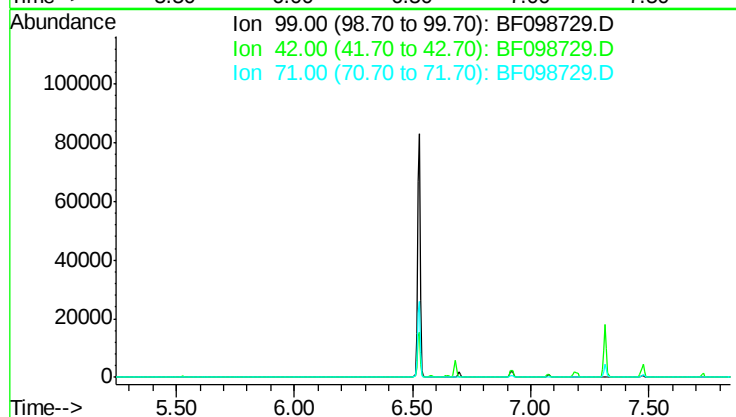
Tgt Ion: 99

Sig Exp Ratio

99 100

42 18.1

71 31.7



#8

2-Chlorophenol

Concen: 2.74 ng

RT: 6.70 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF098729.D

Acq: 23 Sep 2017 10:30

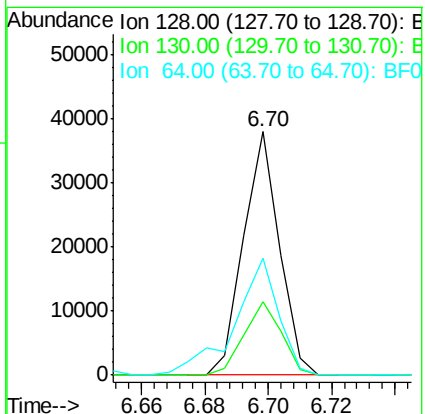
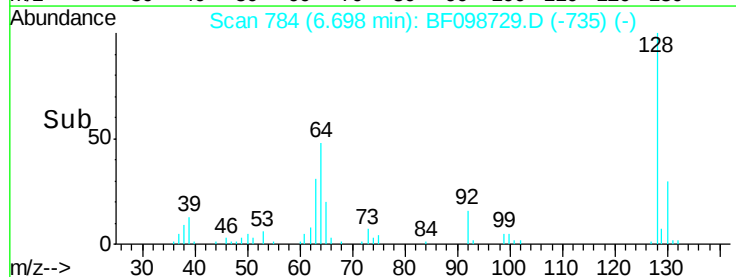
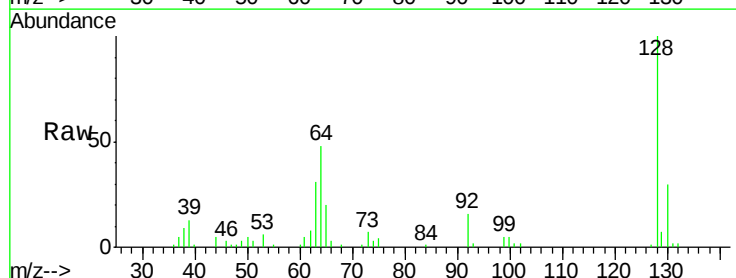
Tgt Ion:128 Resp: 29709

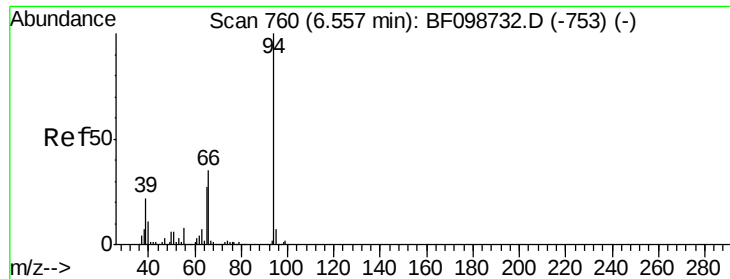
Ion Ratio Lower Upper

128 100

130 30.0 13.0 53.0

64 47.9 29.4 69.4





#10

Phenol

Concen: 2.71 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.02 min

Lab File: BF098729.D

Acq: 23 Sep 2017 10:30

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

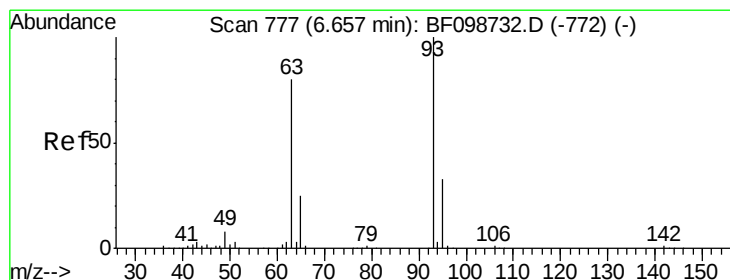
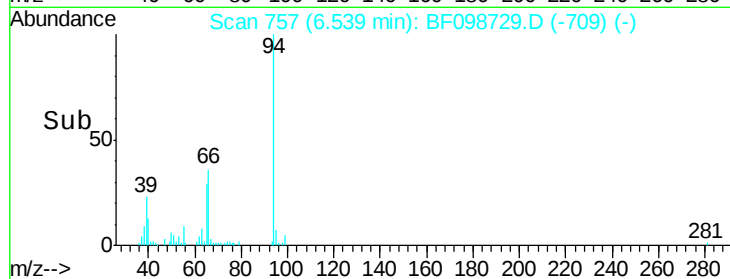
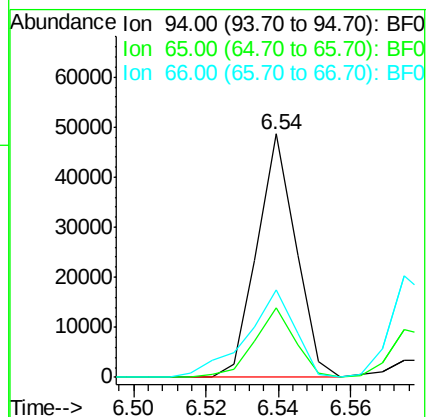
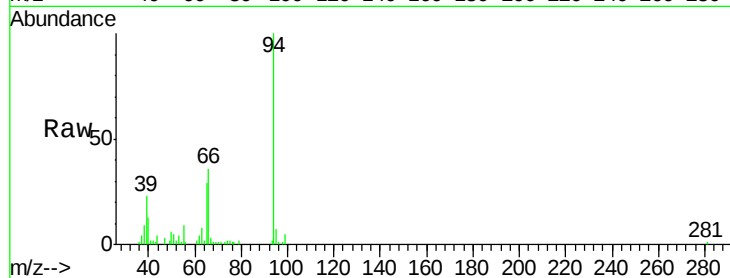
Tgt Ion: 94 Resp: 36143

Ion Ratio Lower Upper

94 100

65 28.6 7.9 47.9

66 36.1 16.2 56.2



#11

bis(2-Chloroethyl)ether

Concen: 2.71 ng

RT: 6.65 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF098729.D

Acq: 23 Sep 2017 10:30

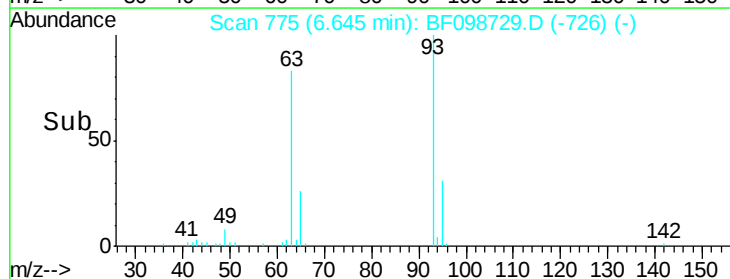
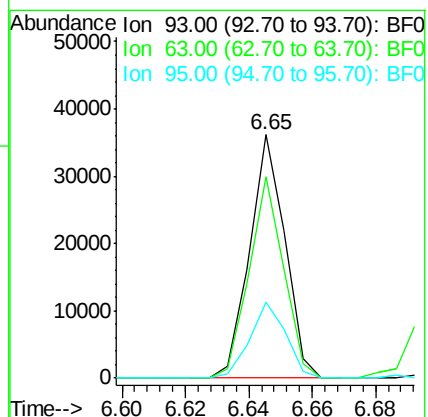
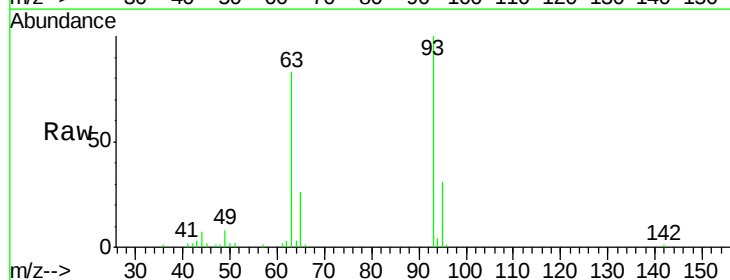
Tgt Ion: 93 Resp: 27817

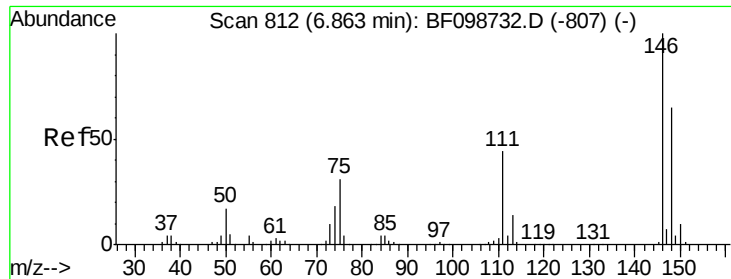
Ion Ratio Lower Upper

93 100

63 82.6 58.6 98.6

95 31.2 11.8 51.8

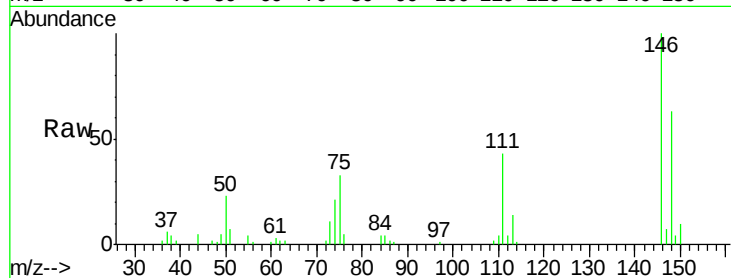




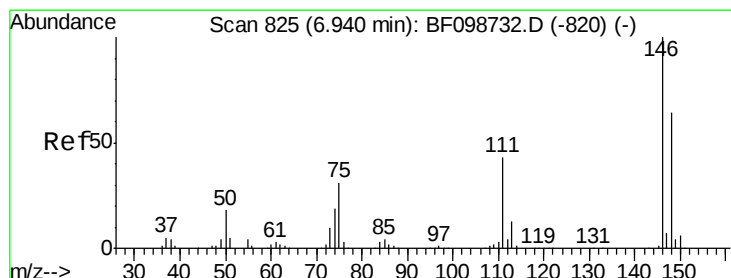
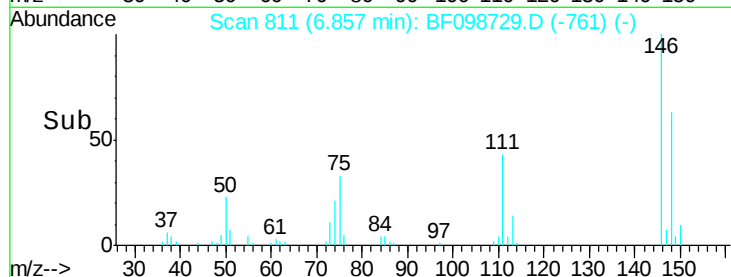
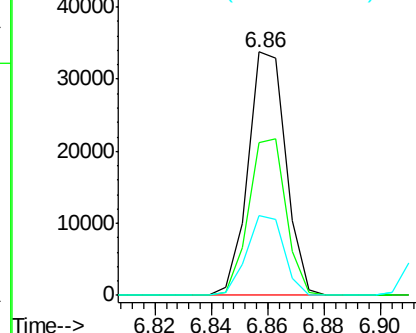
#12  
 1,3-Dichlorobenzene  
 Concen: 2.74 ng  
 RT: 6.86 min Scan# 811  
 Delta R.T. -0.01 min  
 Lab File: BF098729.D  
 Acq: 23 Sep 2017 10:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDIC2.5

Tgt Ion:146 Resp: 31370  
 Ion Ratio Lower Upper  
 146 100  
 148 62.5 51.8 77.8  
 75 33.0 24.2 36.4

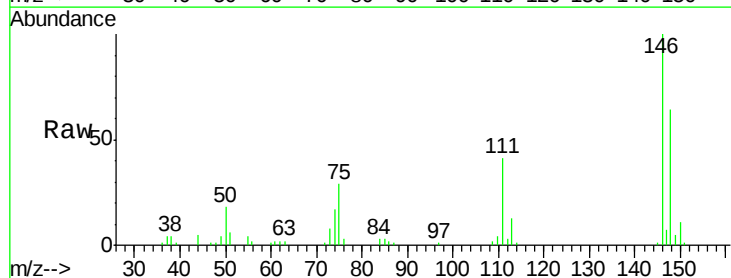


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 75.00 (74.70 to 75.70): BF0

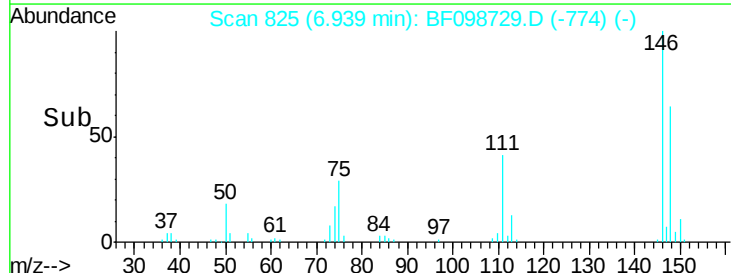
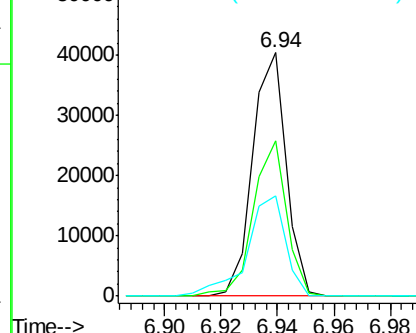


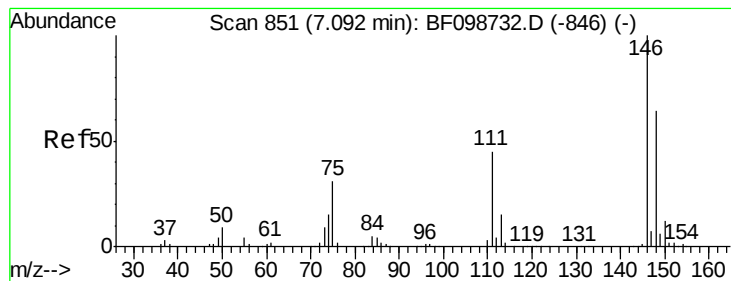
#13  
 1,4-Dichlorobenzene  
 Concen: 2.88 ng  
 RT: 6.94 min Scan# 825  
 Delta R.T. -0.00 min  
 Lab File: BF098729.D  
 Acq: 23 Sep 2017 10:30

Tgt Ion:146 Resp: 33369  
 Ion Ratio Lower Upper  
 146 100  
 148 64.0 50.8 76.2  
 111 41.3 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

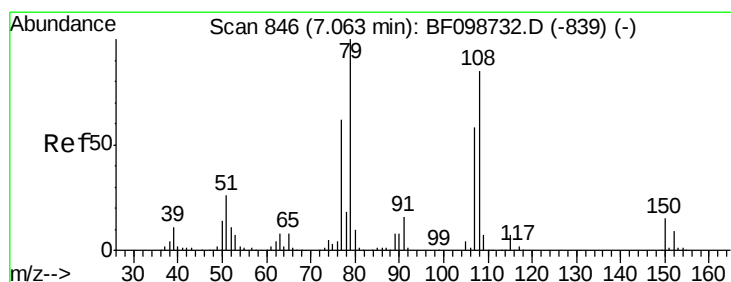
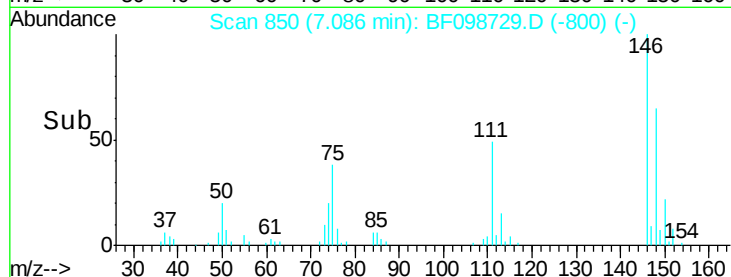
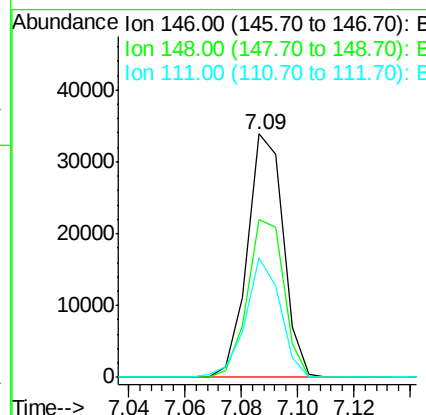
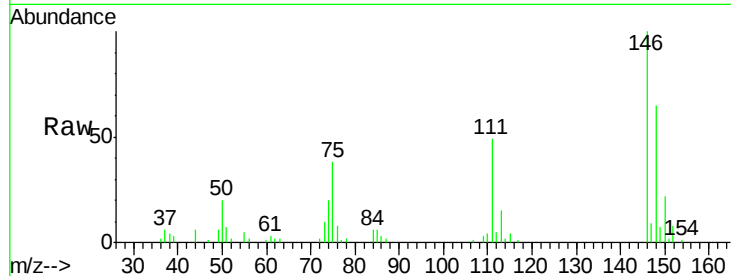




#14  
 1,2-Dichlorobenzene  
 Concen: 2.77 ng  
 RT: 7.09 min Scan# 850  
 Delta R.T. -0.01 min  
 Lab File: BF098729.D  
 Acq: 23 Sep 2017 10:30

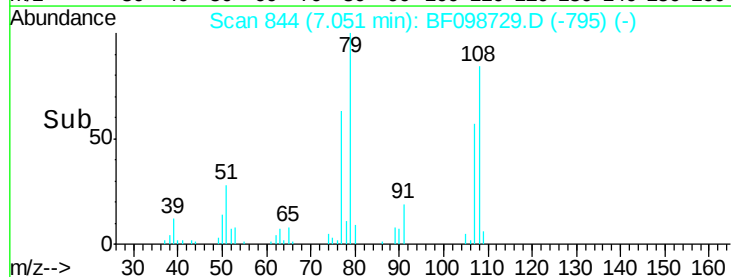
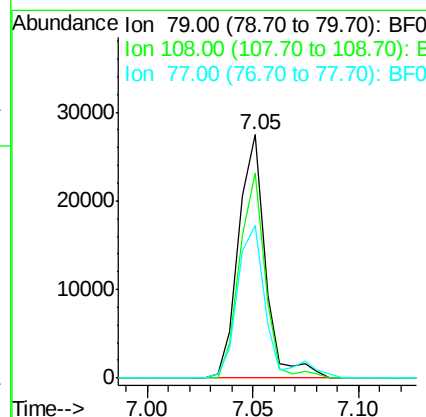
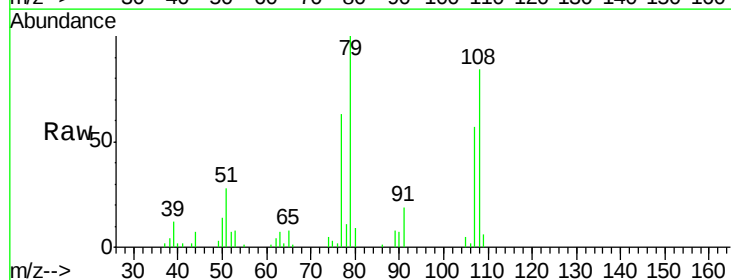
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

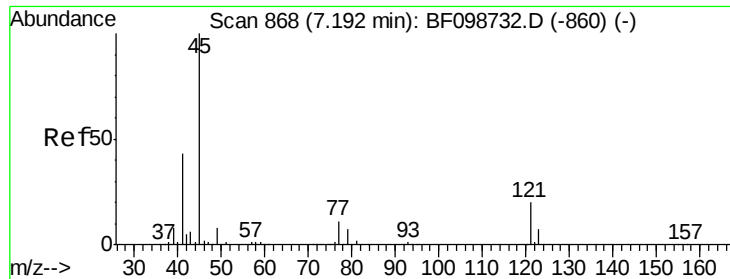
Tgt Ion: 146 Resp: 29933  
 Ion Ratio Lower Upper  
 146 100  
 148 64.9 50.6 75.8  
 111 49.2 36.0 54.0



#15  
 Benzyl Alcohol  
 Concen: 2.77 ng  
 RT: 7.05 min Scan# 844  
 Delta R.T. -0.01 min  
 Lab File: BF098729.D  
 Acq: 23 Sep 2017 10:30

Tgt Ion: 79 Resp: 24103  
 Ion Ratio Lower Upper  
 79 100  
 108 84.4 65.1 97.7  
 77 63.0 50.6 75.8

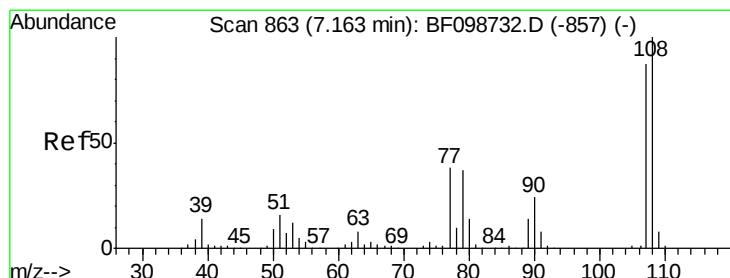
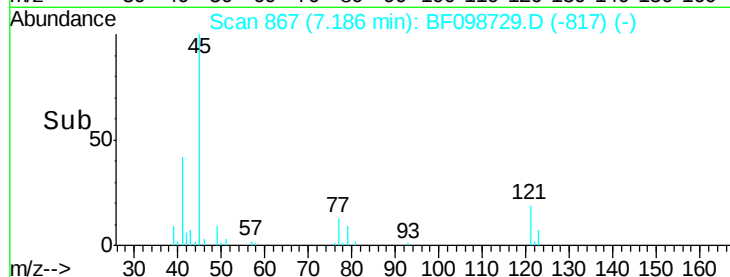
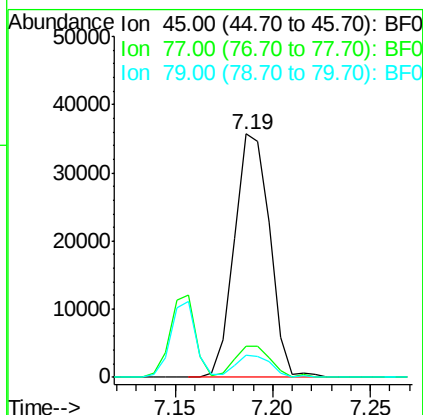
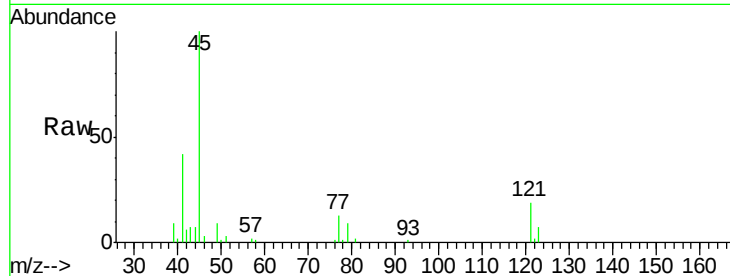




#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 2.74 ng  
RT: 7.19 min Scan# 867  
Delta R.T. -0.01 min  
Lab File: BF098729.D  
Acq: 23 Sep 2017 10:30

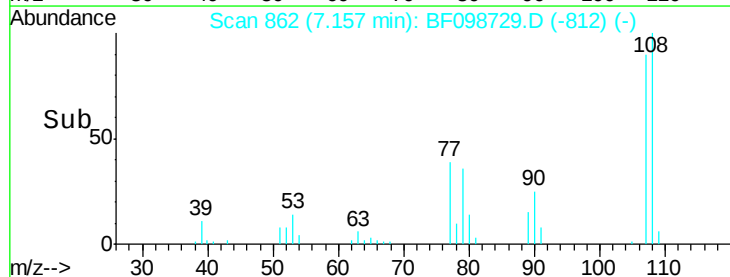
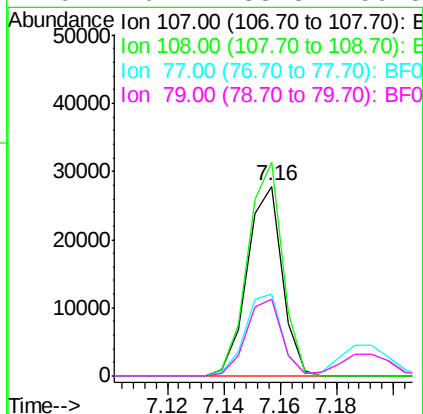
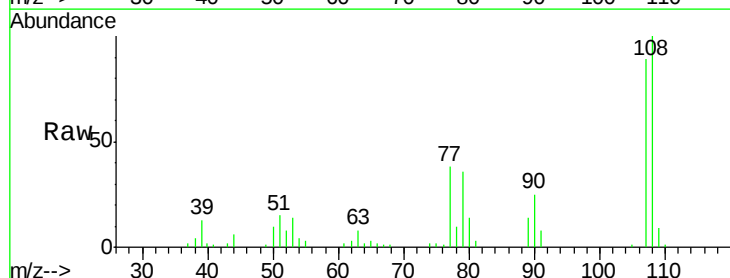
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

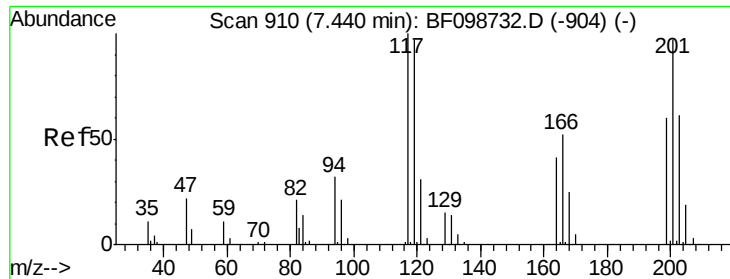
Tgt Ion: 45 Resp: 44750  
Ion Ratio Lower Upper  
45 100  
77 12.7 0.0 32.9  
79 9.2 0.0 29.6



#17  
2-Methylphenol  
Concen: 2.71 ng  
RT: 7.16 min Scan# 862  
Delta R.T. -0.01 min  
Lab File: BF098729.D  
Acq: 23 Sep 2017 10:30

Tgt Ion: 107 Resp: 23922  
Ion Ratio Lower Upper  
107 100  
108 112.6 91.7 137.5  
77 43.2 33.8 50.8  
79 40.2 33.8 50.8

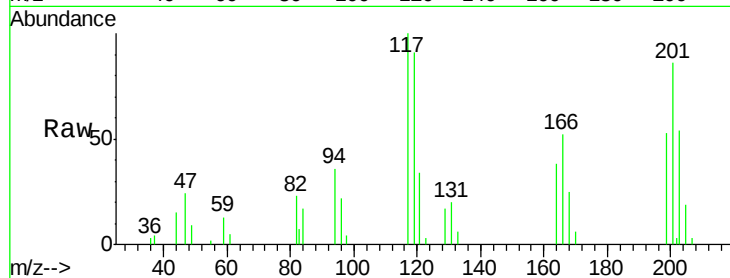




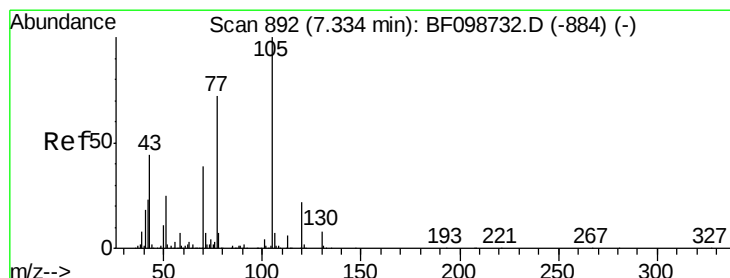
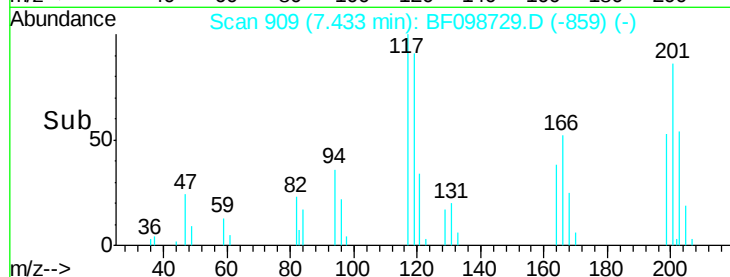
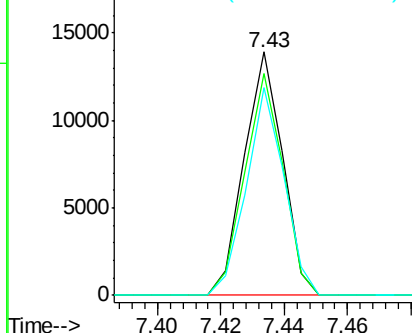
#18  
Hexachloroethane  
Concen: 2.92 ng  
RT: 7.43 min Scan# 909  
Delta R.T. -0.01 min  
Lab File: BF098729.D  
Acq: 23 Sep 2017 10:30

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

Tgt Ion: 117 Resp: 11633  
Ion Ratio Lower Upper  
117 100  
119 90.9 75.8 113.8  
201 85.5 75.7 113.5



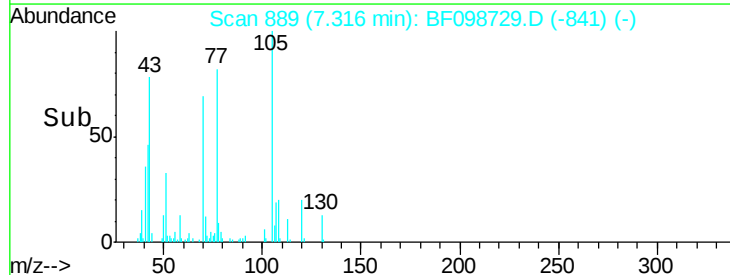
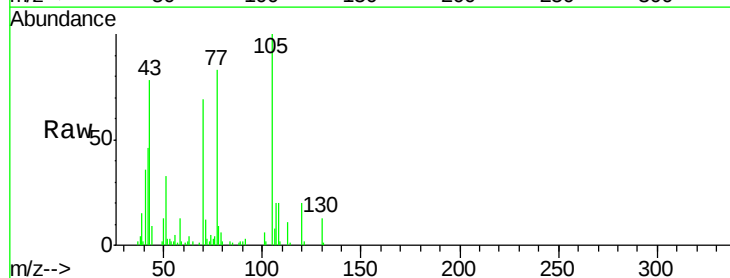
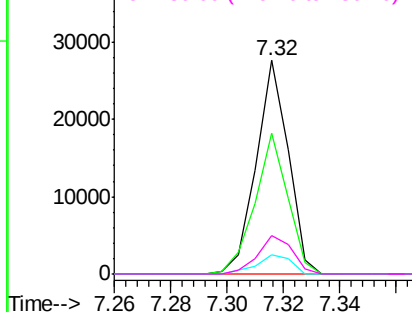
Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E

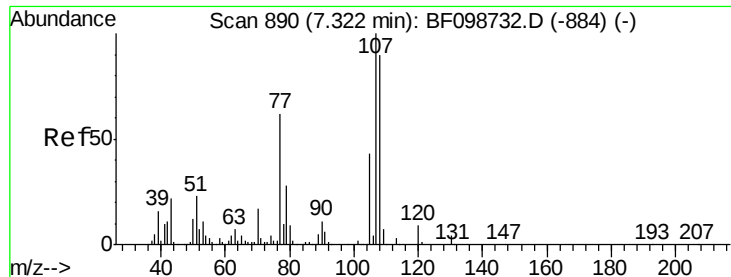


#19  
n-Nitroso-di-n-propylamine  
Concen: 2.91 ng  
RT: 7.32 min Scan# 889  
Delta R.T. -0.02 min  
Lab File: BF098729.D  
Acq: 23 Sep 2017 10:30

Tgt Ion: 70 Resp: 21768  
Ion Ratio Lower Upper  
70 100  
42 65.8 47.5 71.3  
101 9.1 7.4 11.2  
130 18.1 16.6 25.0

Abundance Ion 70.00 (69.70 to 70.70): BF0  
Ion 42.00 (41.70 to 42.70): BF0  
Ion 101.00 (100.70 to 101.70): E  
Ion 130.00 (129.70 to 130.70): E

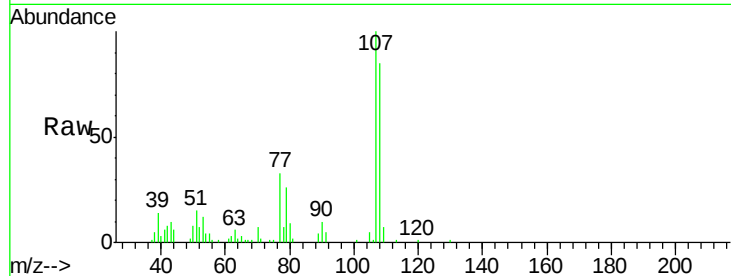




#20  
3+4-Methylphenols  
Concen: 2.79 ng  
RT: 7.30 min Scan# 887  
Delta R.T. -0.02 min  
Lab File: BF098729.D  
Acq: 23 Sep 2017 10:30

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 31706 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 84.8  | 68.2  | 108.2 |
| 77       | 32.7  | 26.7  | 66.7  |
| 79       | 26.2  | 6.3   | 46.3  |



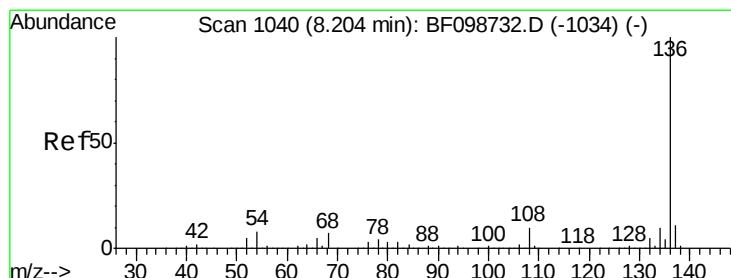
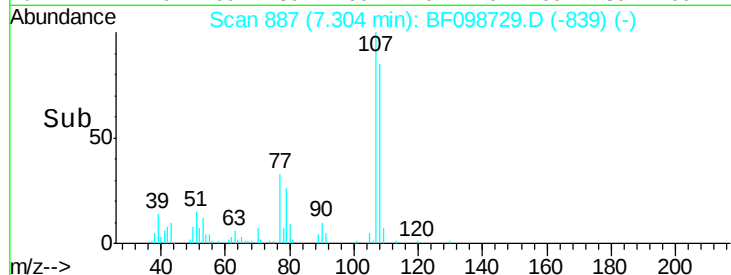
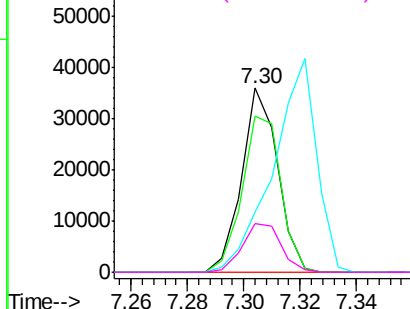
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

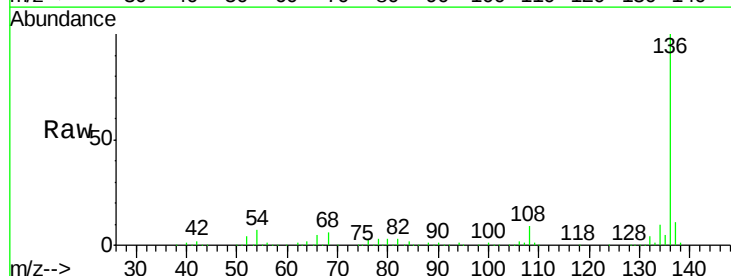
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.20 min Scan# 1040  
Delta R.T. -0.00 min  
Lab File: BF098729.D  
Acq: 23 Sep 2017 10:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 639772 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.9  | 8.9   | 13.3   |
| 54       | 7.4   | 6.6   | 9.8    |
| 68       | 5.5   | 5.0   | 7.4    |



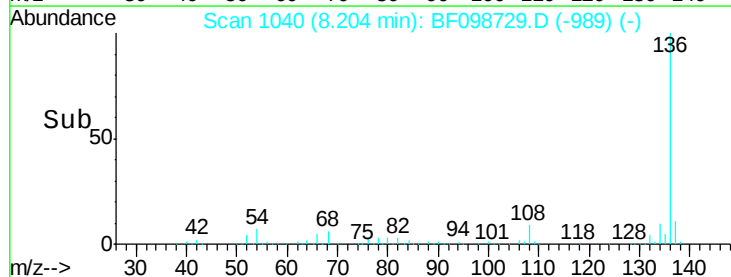
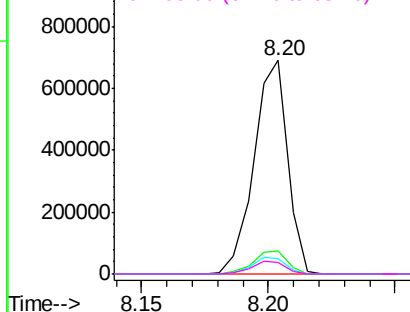
Abundance

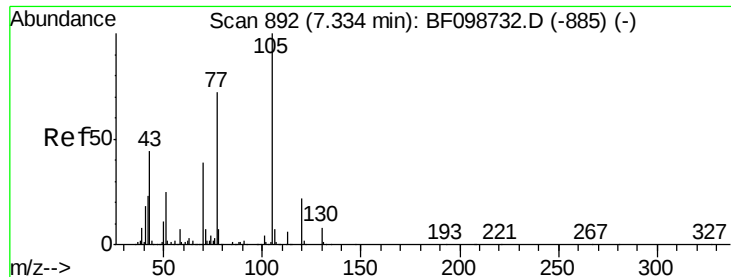
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

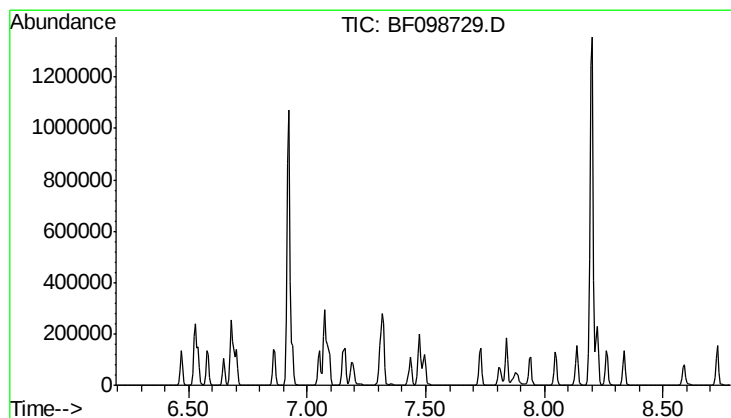
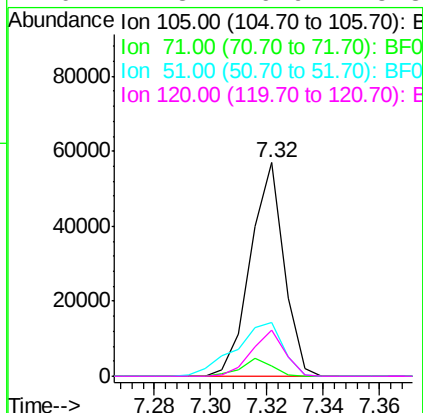
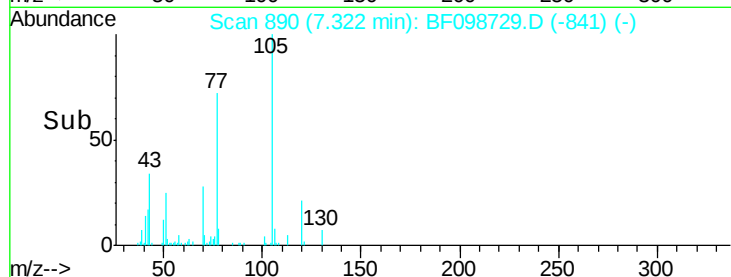
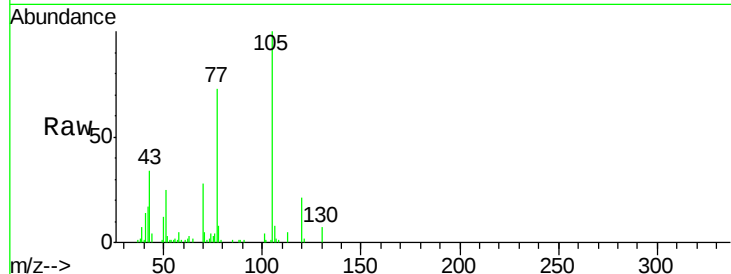




#22  
Acetophenone  
Concen: 2.96 ng  
RT: 7.32 min Scan# 890  
Delta R.T. -0.01 min  
Lab File: BF098729.D  
Acq: 23 Sep 2017 10:30

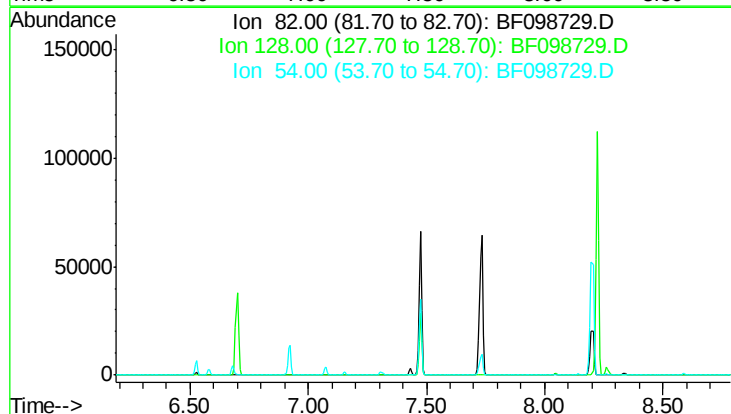
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

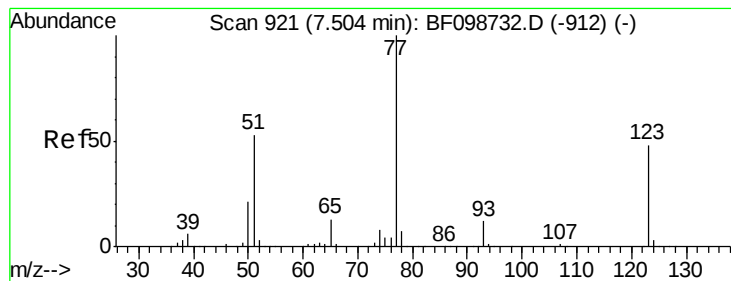
Tgt Ion:105 Resp: 46810  
Ion Ratio Lower Upper  
105 100  
71 4.6 4.4 6.6  
51 25.3 22.3 33.5  
120 21.3 16.9 25.3



#23  
Nitrobenzene-d5  
Concen: 0.00 ng  
Expected RT: 7.49 min  
Lab File: BF098729.D  
Acq: 23 Sep 2017 10:30

Tgt Ion: 82  
Sig Exp Ratio  
82 100  
128 45.1  
54 51.8





#24

Nitrobenzene

Concen: 2.76 ng

RT: 7.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF098729.D

Acq: 23 Sep 2017 10:30

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

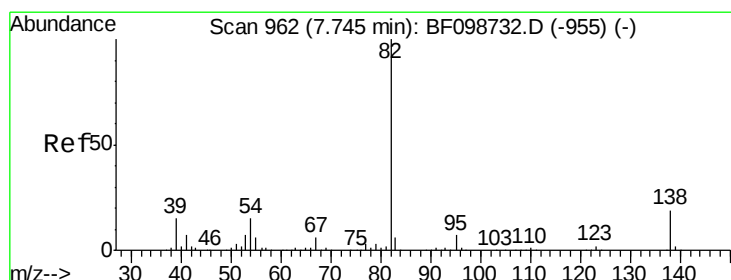
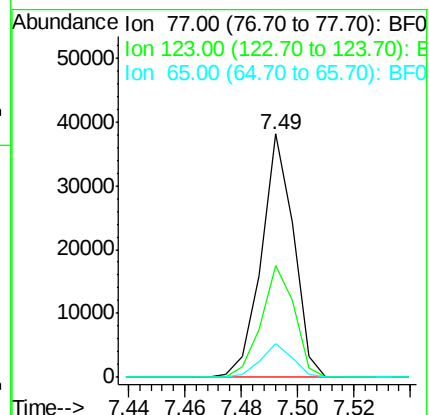
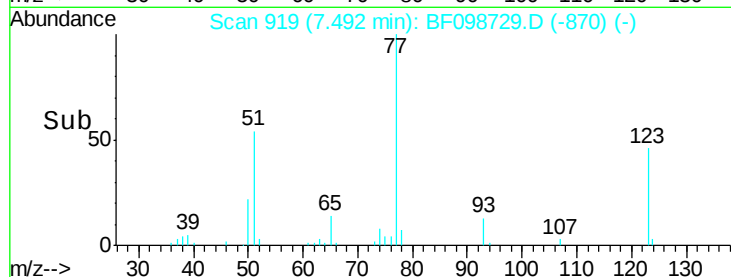
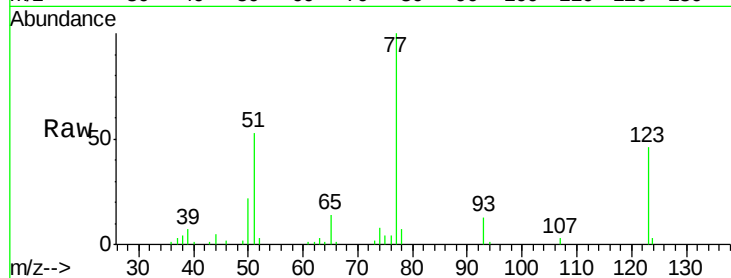
Tgt Ion: 77 Resp: 30075

Ion Ratio Lower Upper

77 100

123 46.0 37.9 56.9

65 13.7 11.0 16.4



#25

Isophorone

Concen: 2.70 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF098729.D

Acq: 23 Sep 2017 10:30

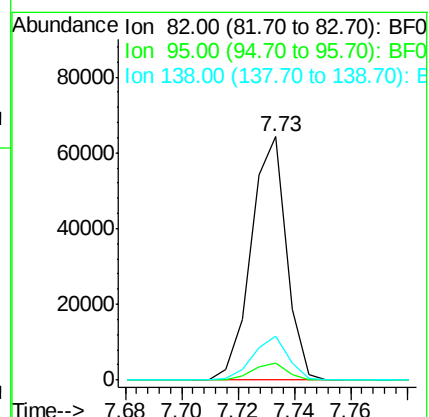
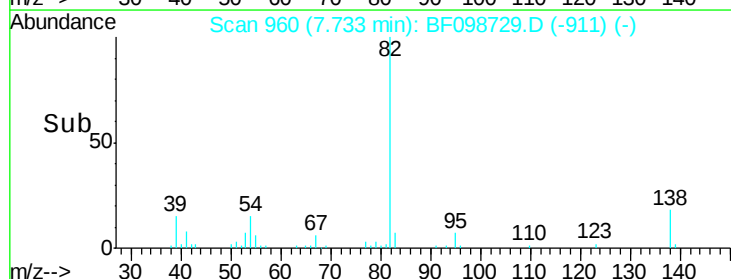
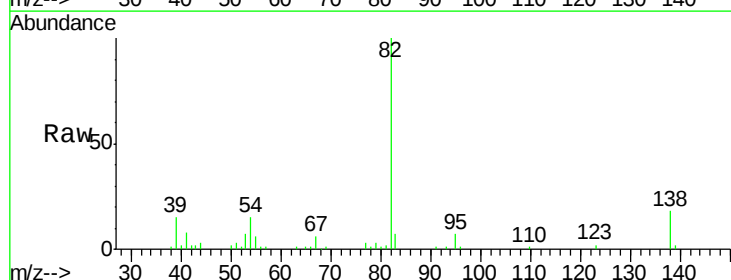
Tgt Ion: 82 Resp: 55561

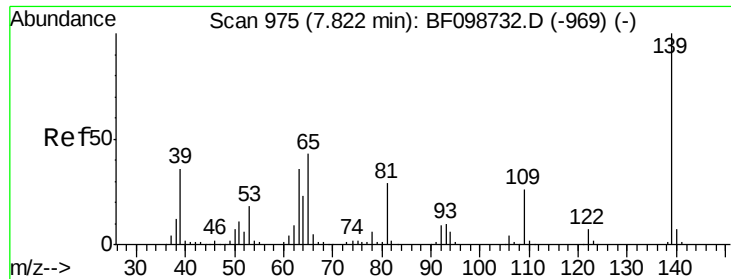
Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 18.1 14.9 22.3

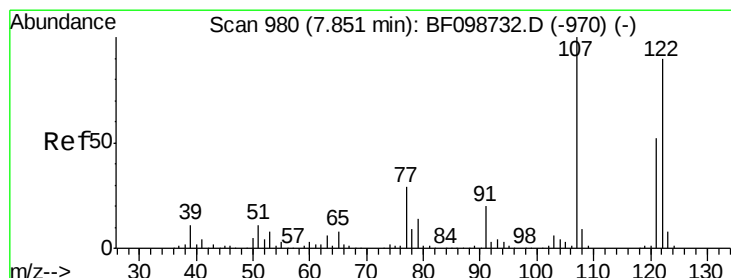
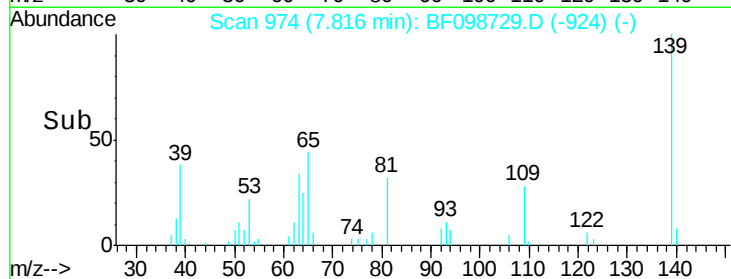
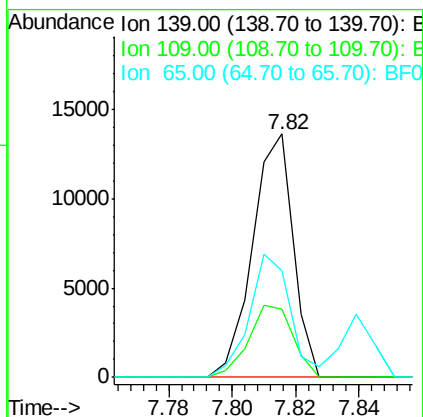
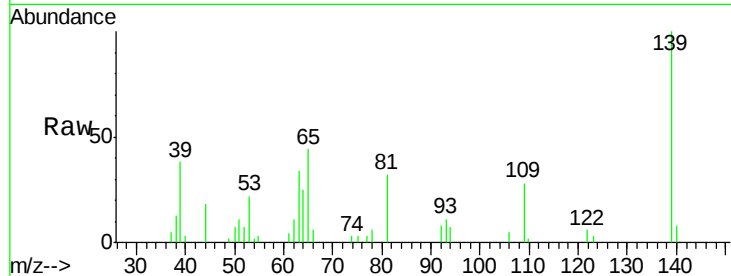




#26  
 2-Nitrophenol  
 Concen: 2.74 ng  
 RT: 7.82 min Scan# 974  
 Delta R.T. -0.01 min  
 Lab File: BF098729.D  
 Acq: 23 Sep 2017 10:30

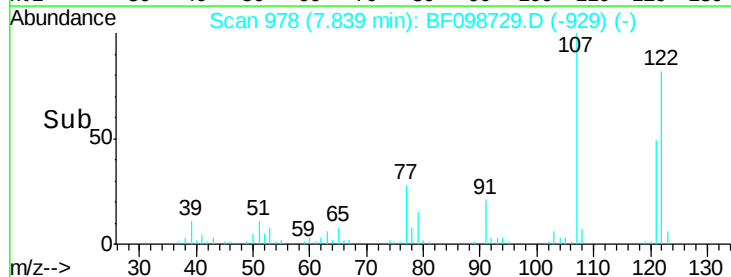
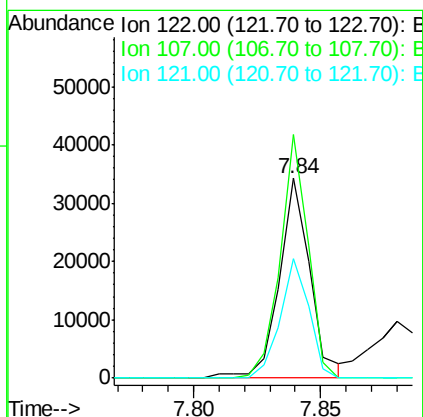
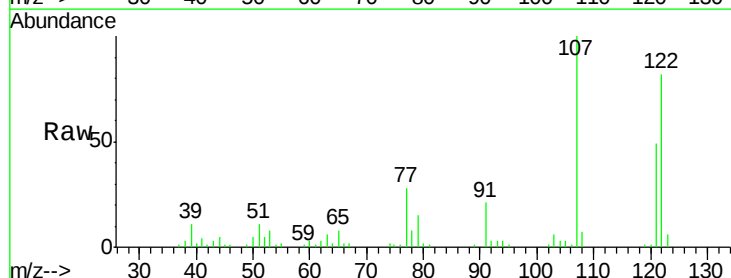
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

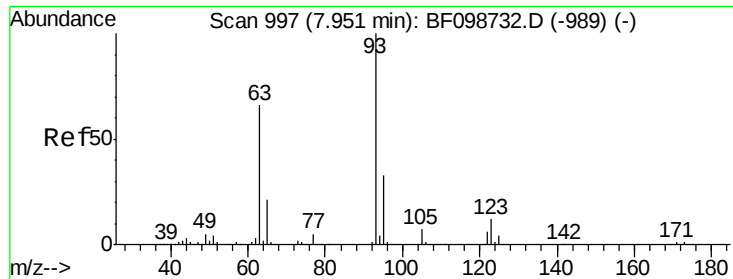
Tgt Ion:139 Resp: 12113  
 Ion Ratio Lower Upper  
 139 100  
 109 28.1 22.7 34.1  
 65 43.7 40.5 60.7



#27  
 2,4-Dimethylphenol  
 Concen: 2.83 ng  
 RT: 7.84 min Scan# 978  
 Delta R.T. -0.01 min  
 Lab File: BF098729.D  
 Acq: 23 Sep 2017 10:30

Tgt Ion:122 Resp: 28586  
 Ion Ratio Lower Upper  
 122 100  
 107 122.1 91.2 136.8  
 121 60.1 47.2 70.8

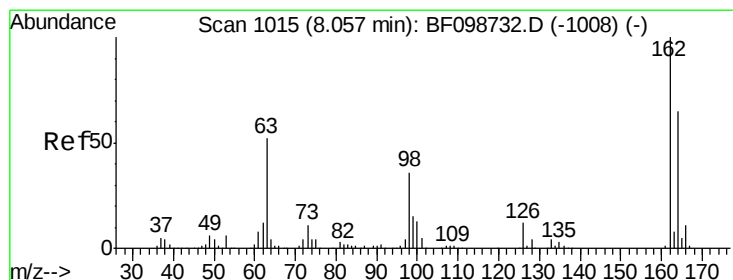
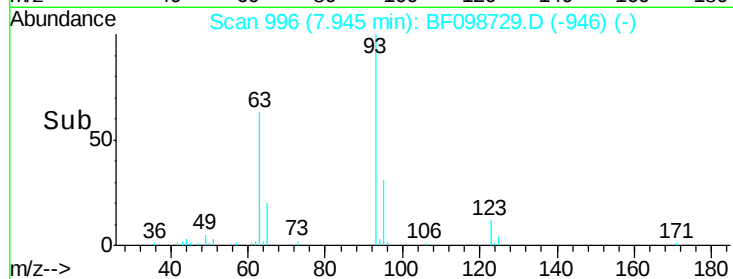
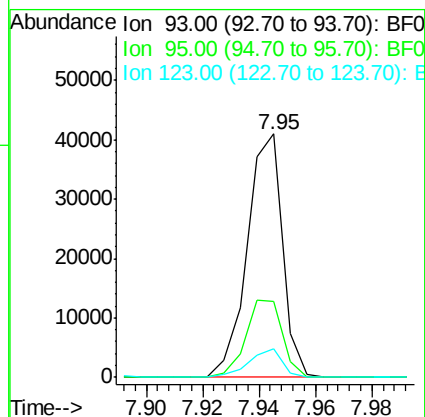
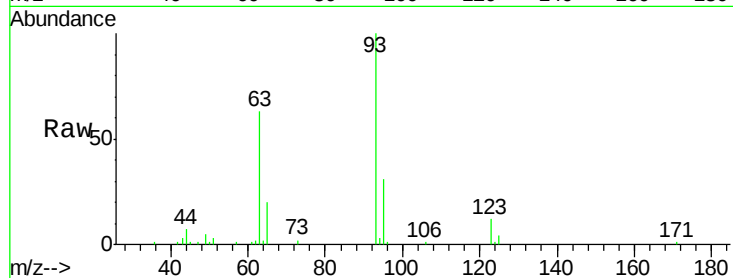




#28  
 bis(2-Chloroethoxy)methane  
 Concen: 2.77 ng  
 RT: 7.95 min Scan# 996  
 Delta R.T. -0.01 min  
 Lab File: BF098729.D  
 Acq: 23 Sep 2017 10:30

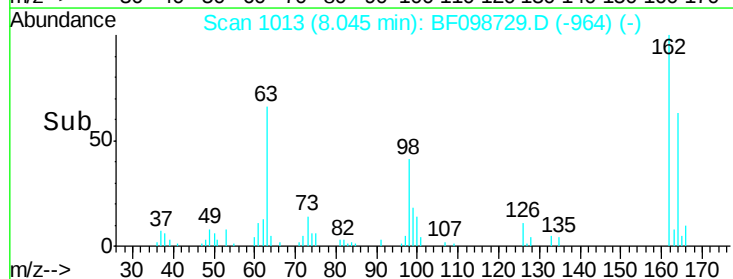
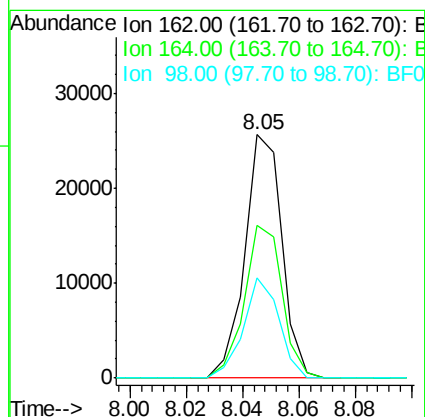
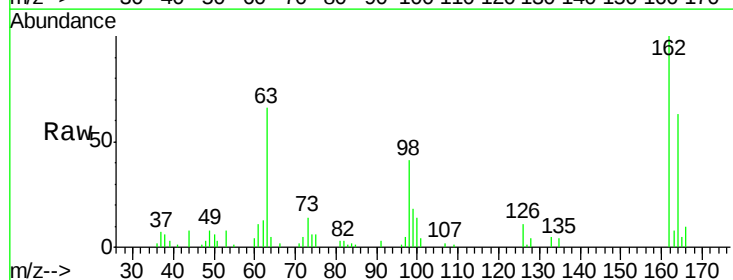
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

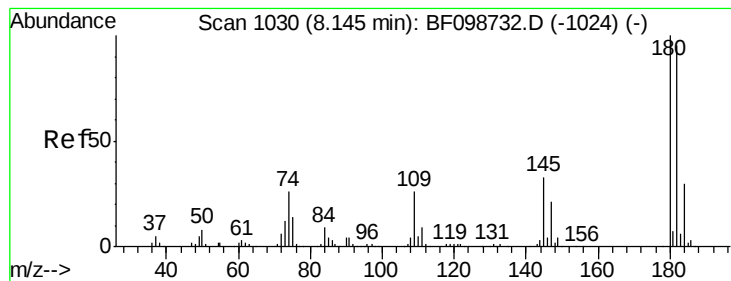
Tgt Ion: 93 Resp: 35482  
 Ion Ratio Lower Upper  
 93 100  
 95 30.9 26.3 39.5  
 123 11.5 9.8 14.6



#29  
 2,4-Dichlorophenol  
 Concen: 2.69 ng  
 RT: 8.05 min Scan# 1013  
 Delta R.T. -0.01 min  
 Lab File: BF098729.D  
 Acq: 23 Sep 2017 10:30

Tgt Ion: 162 Resp: 23400  
 Ion Ratio Lower Upper  
 162 100  
 164 62.7 42.7 82.7  
 98 41.4 18.1 58.1





#30

1,2,4-Trichlorobenzene

Concen: 2.81 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF098729.D

Acq: 23 Sep 2017 10:30

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

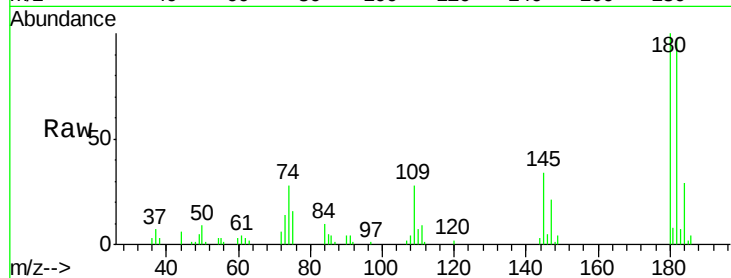
Tgt Ion:180 Resp: 24607

Ion Ratio Lower Upper

180 100

182 97.2 76.8 115.2

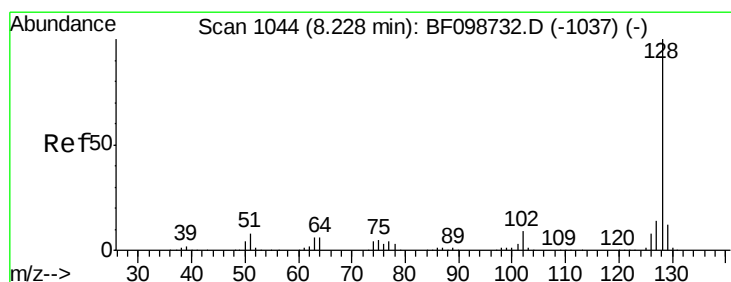
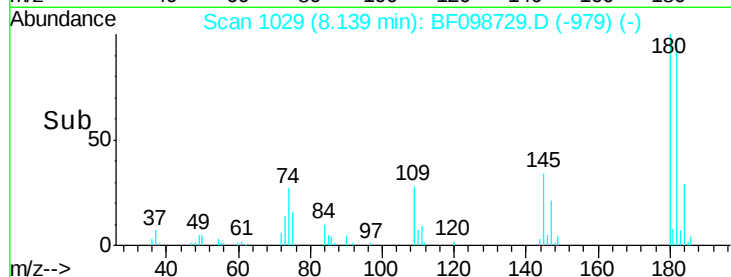
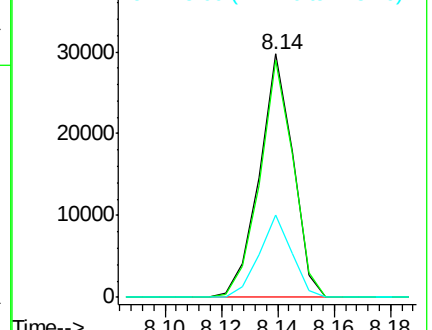
145 33.8 26.5 39.7



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E



#31

Naphthalene

Concen: 2.91 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF098729.D

Acq: 23 Sep 2017 10:30

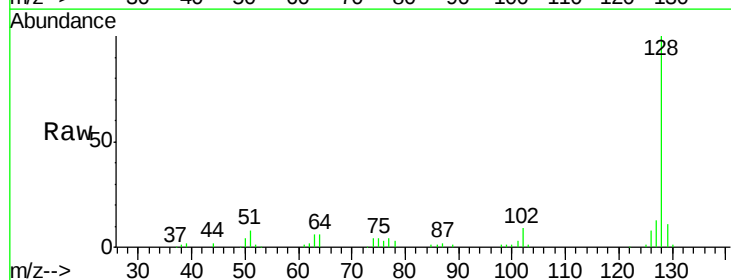
Tgt Ion:128 Resp: 88244

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

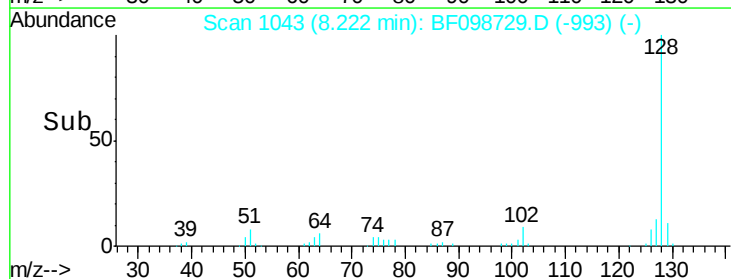
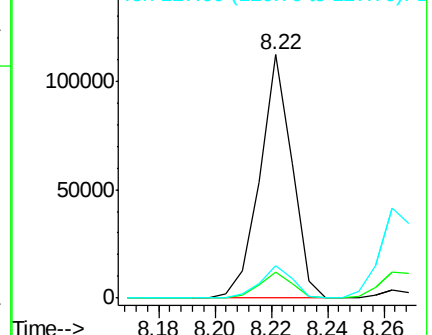
127 13.4 10.9 16.3

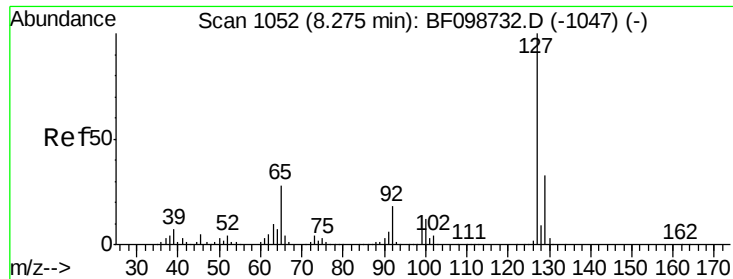


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

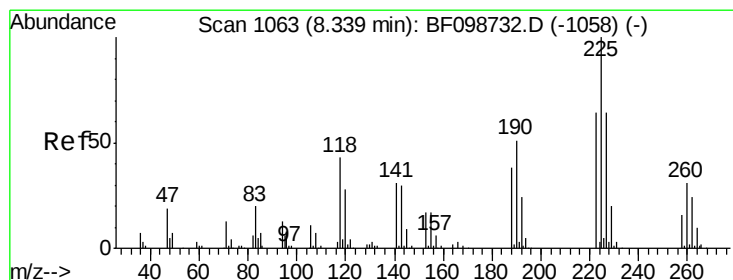
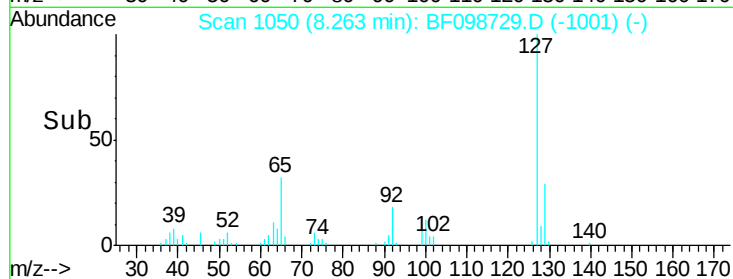
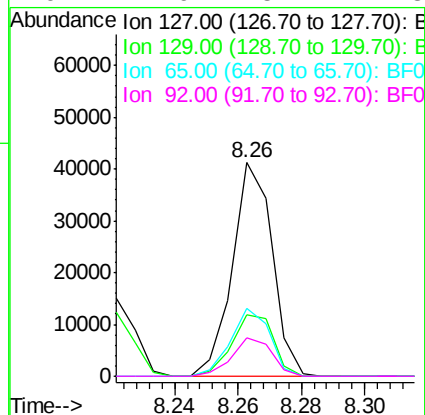
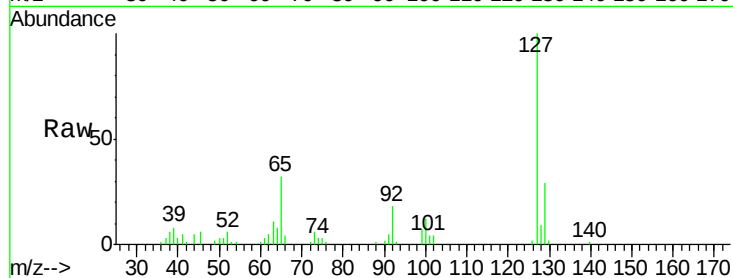




#33  
4-Chloroaniline  
Concen: 2.84 ng  
RT: 8.26 min Scan# 1050  
Delta R.T. -0.01 min  
Lab File: BF098729.D  
Acq: 23 Sep 2017 10:30

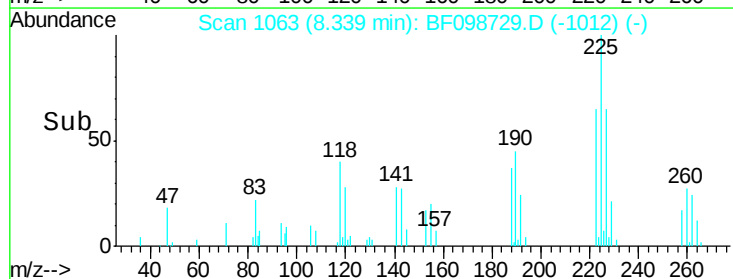
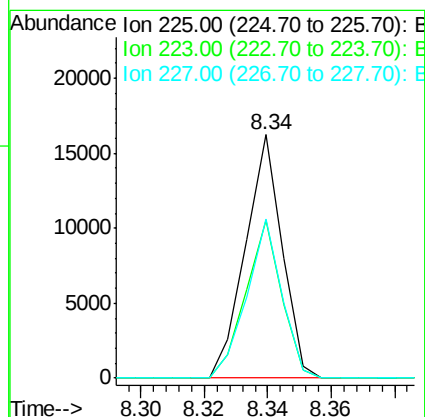
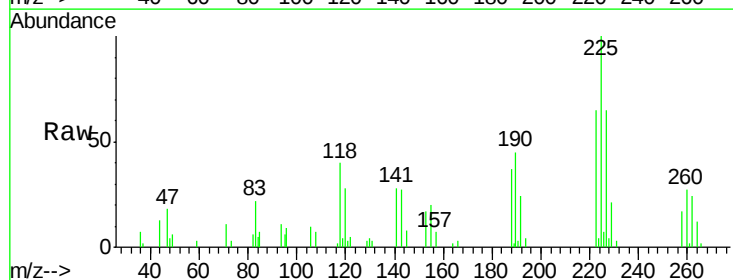
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

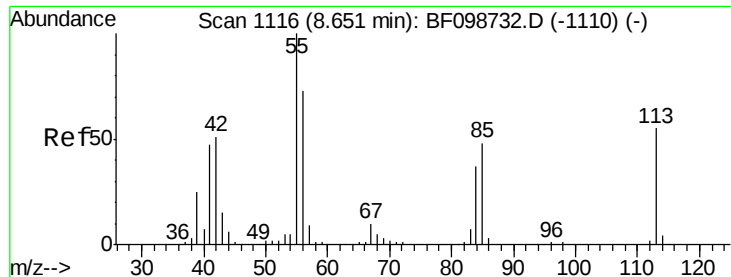
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 35793 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 29.0  | 25.9  | 38.9  |
| 65       | 31.6  | 25.0  | 37.4  |
| 92       | 17.9  | 15.2  | 22.8  |



#34  
Hexachlorobutadiene  
Concen: 2.75 ng  
RT: 8.34 min Scan# 1063  
Delta R.T. -0.00 min  
Lab File: BF098729.D  
Acq: 23 Sep 2017 10:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 12997 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 69.0  | 50.6  | 76.0  |
| 227      | 69.1  | 51.9  | 77.9  |





#35

Caprolactam

Concen: 2.76 ng

RT: 8.59 min Scan# 1106

Delta R.T. -0.06 min

Lab File: BF098729.D

Acq: 23 Sep 2017 10:30

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

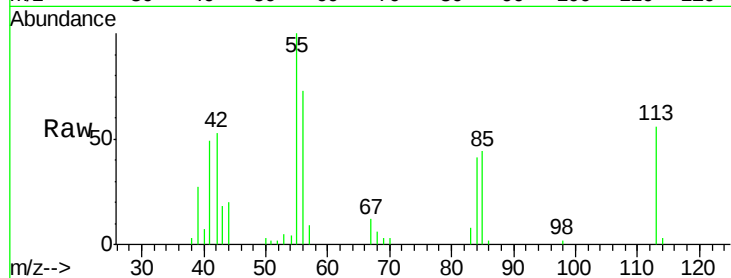
Tgt Ion:113 Resp: 7478

Ion Ratio Lower Upper

113 100

55 178.9 163.3 203.3

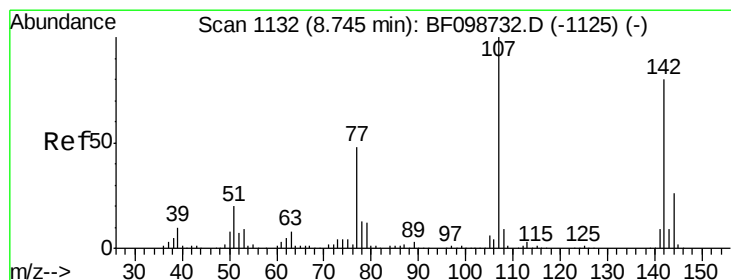
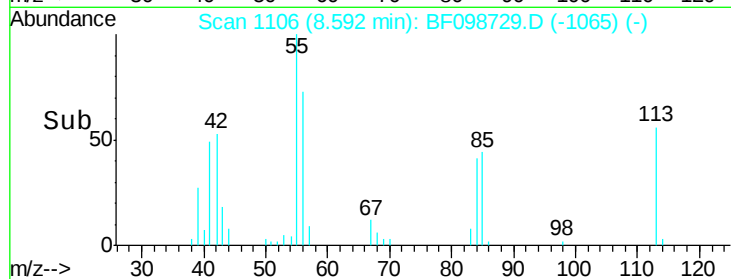
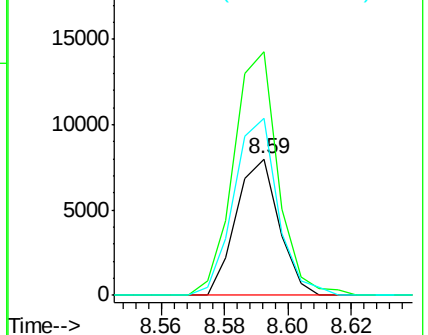
56 130.2 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 2.76 ng

RT: 8.73 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BF098729.D

Acq: 23 Sep 2017 10:30

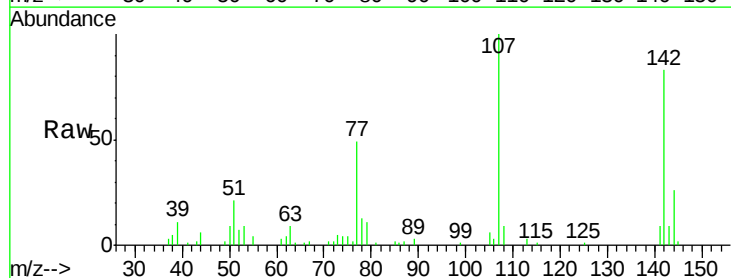
Tgt Ion:107 Resp: 27363

Ion Ratio Lower Upper

107 100

144 25.6 20.5 30.7

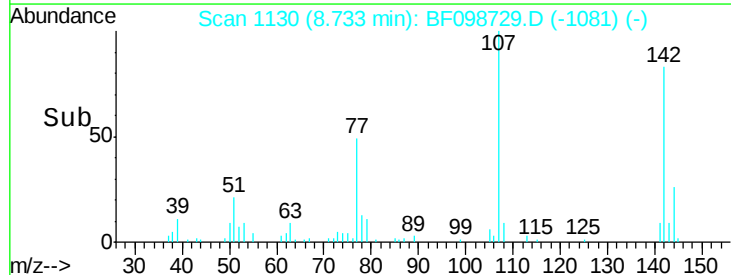
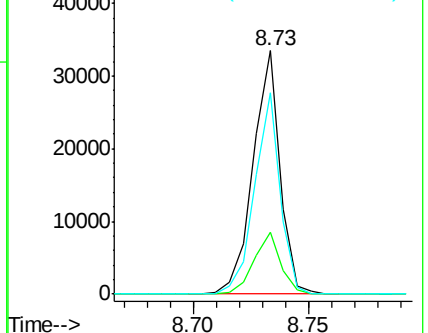
142 83.0 62.0 93.0

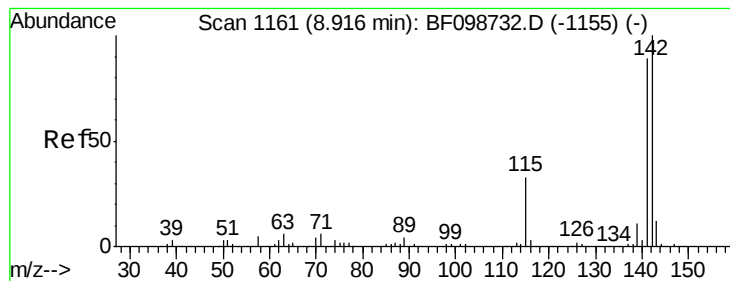


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 2.89 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF098729.D

Acq: 23 Sep 2017 10:30

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

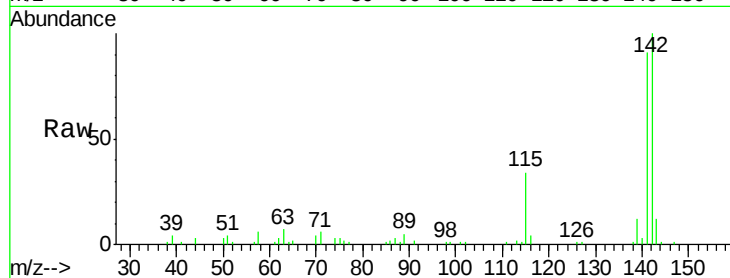
Tgt Ion:142 Resp: 56388

Ion Ratio Lower Upper

142 100

141 91.0 70.8 106.2

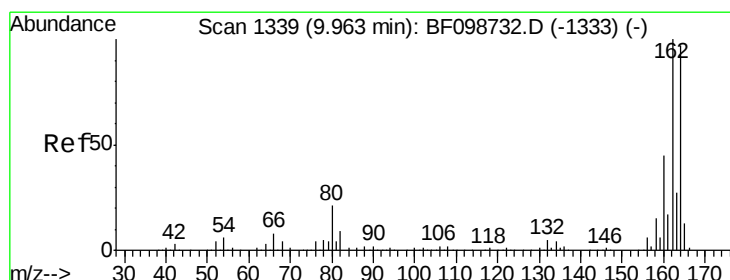
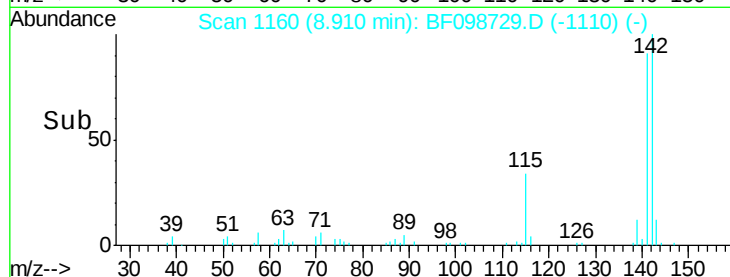
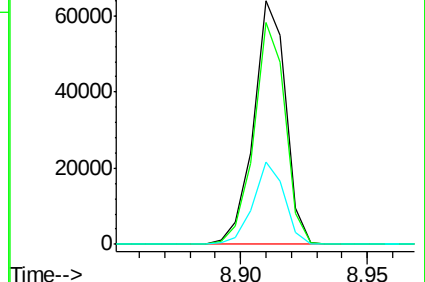
115 33.8 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF098729.D

Acq: 23 Sep 2017 10:30

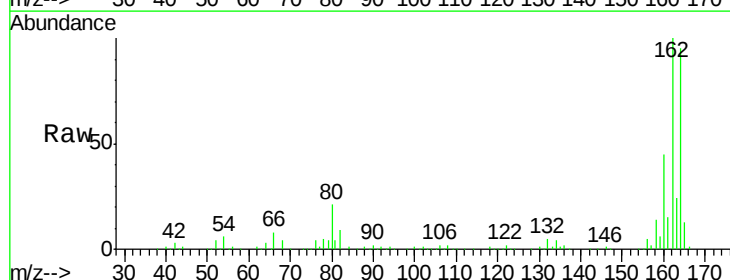
Tgt Ion:164 Resp: 298627

Ion Ratio Lower Upper

164 100

162 105.2 86.1 129.1

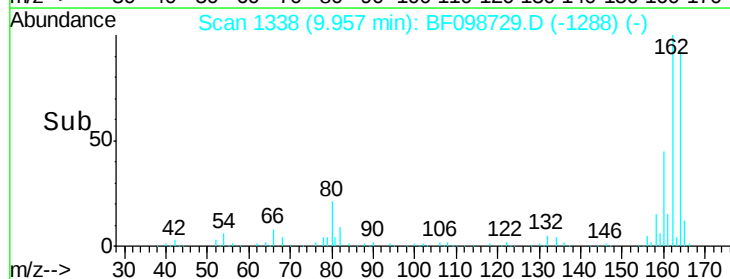
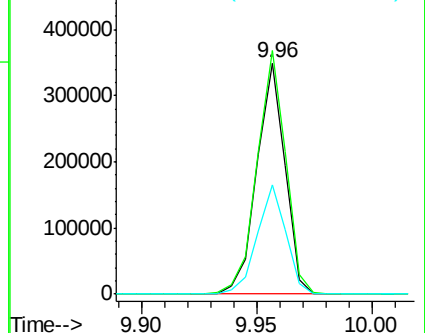
160 47.5 38.3 57.5

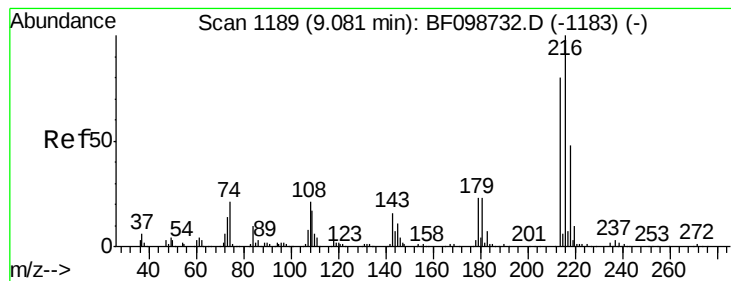


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 2.92 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF098729.D

Acq: 23 Sep 2017 10:30

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

Tgt Ion:216 Resp: 25785

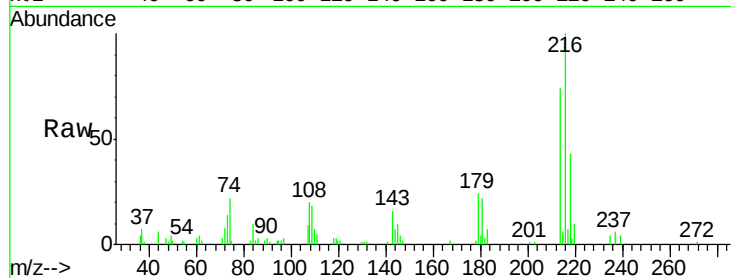
Ion Ratio Lower Upper

216 100

214 75.0 63.0 94.4

179 23.2 18.1 27.1

108 21.3 17.2 25.8

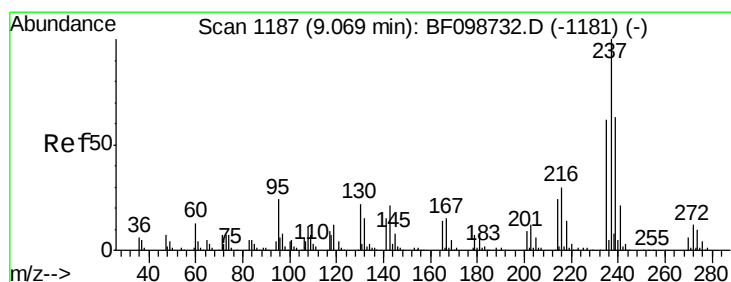
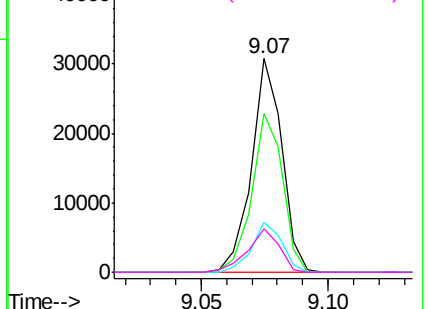
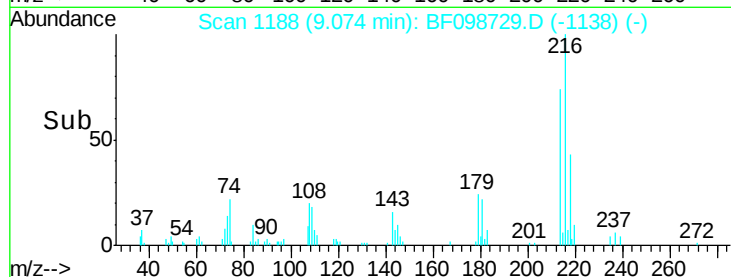


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 2.50 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BF098729.D

Acq: 23 Sep 2017 10:30

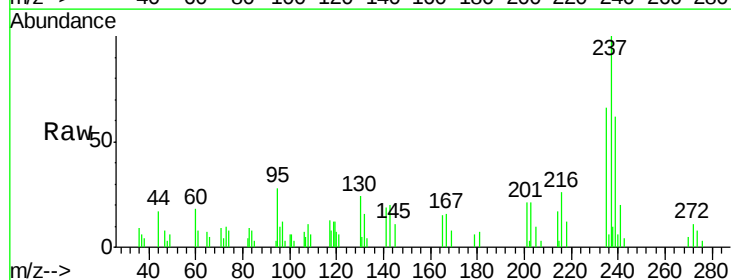
Tgt Ion:237 Resp: 9595

Ion Ratio Lower Upper

237 100

235 65.6 44.8 84.8

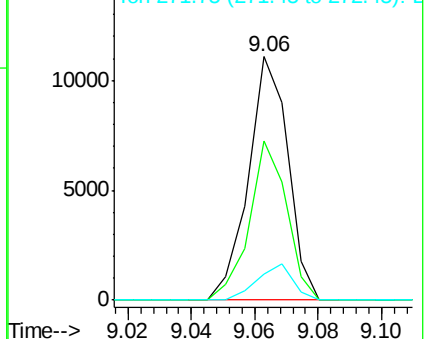
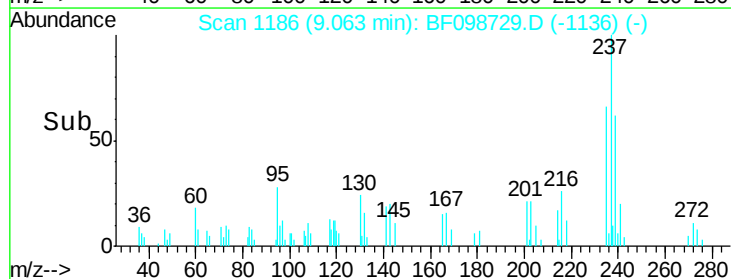
272 10.7 0.0 33.3

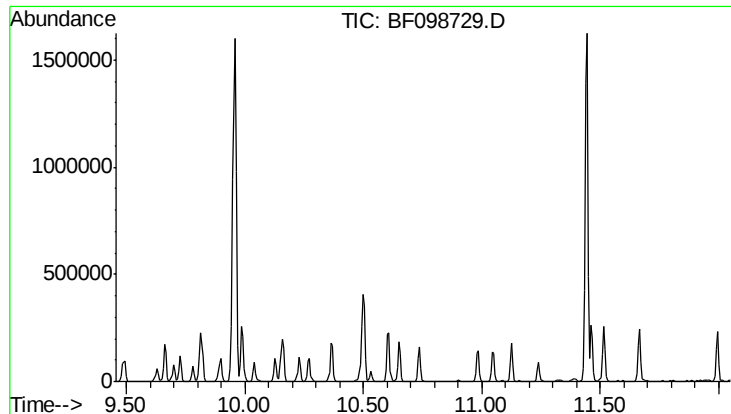


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

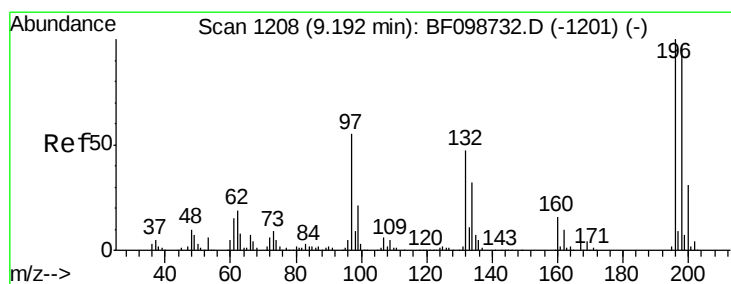
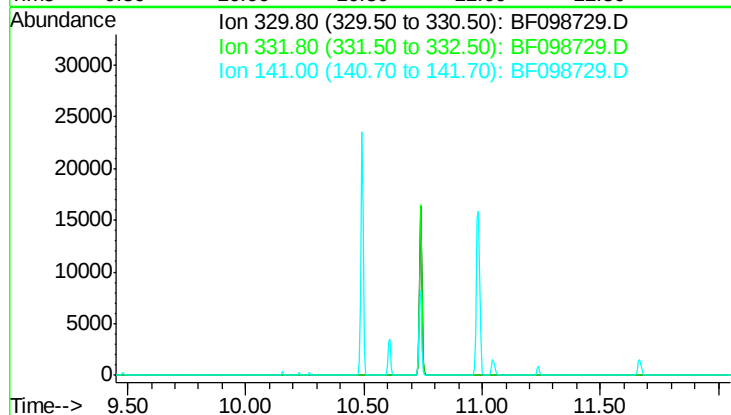




#41  
 2,4,6-Tribromophenol  
 Concen: 0.00 ng  
 Expected RT: 10.75 min  
 Lab File: BF098729.D  
 Acq: 23 Sep 2017 10:30

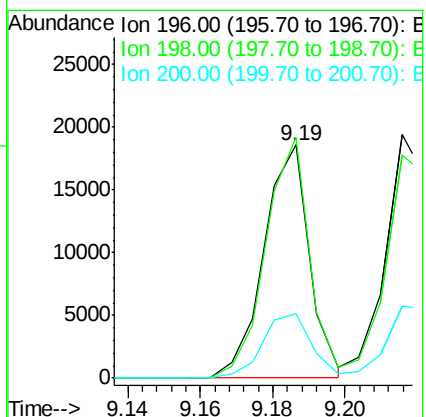
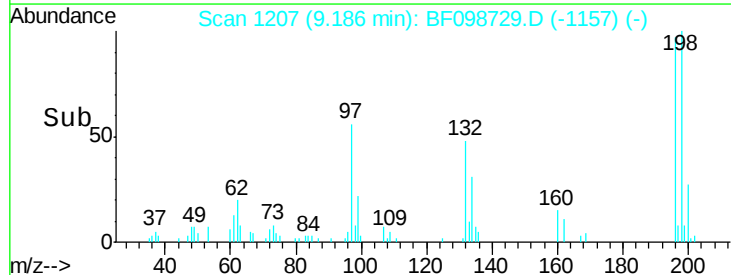
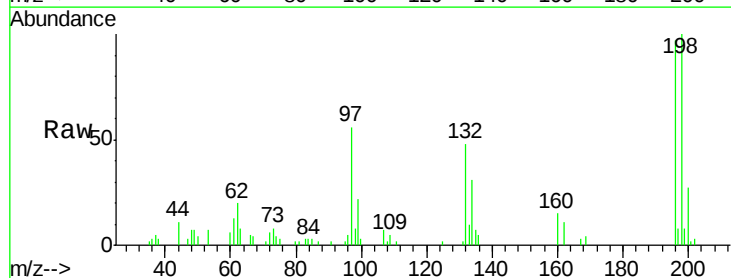
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

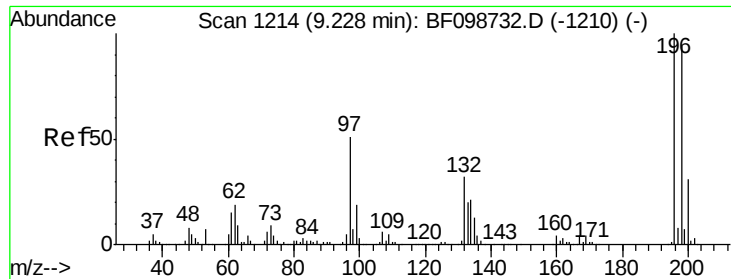
Tgt Ion: 330  
 Sig Exp Ratio  
 330 100  
 332 96.3  
 141 37.4



#42  
 2,4,6-Trichlorophenol  
 Concen: 2.72 ng  
 RT: 9.19 min Scan# 1207  
 Delta R.T. -0.01 min  
 Lab File: BF098729.D  
 Acq: 23 Sep 2017 10:30

Tgt Ion: 196 Resp: 16191  
 Ion Ratio Lower Upper  
 196 100  
 198 103.5 75.7 113.5  
 200 27.9 24.5 36.7

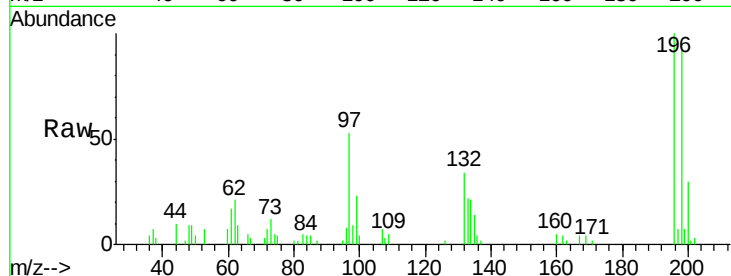




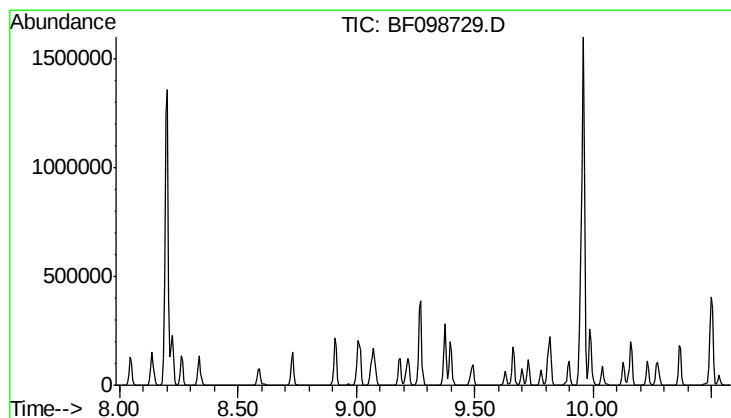
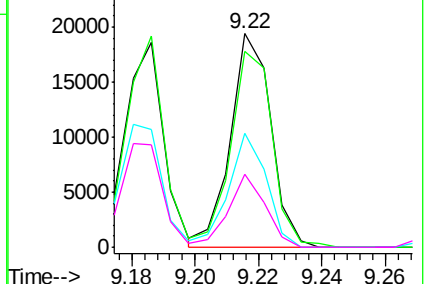
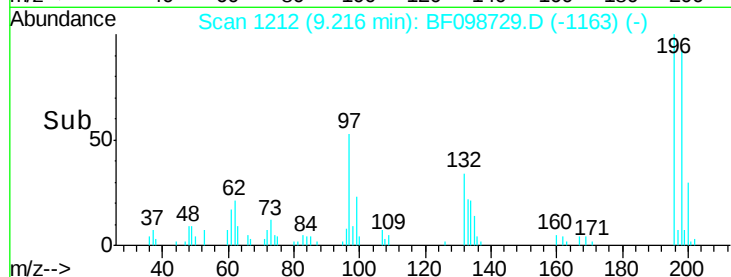
#43  
 2,4,5-Trichlorophenol  
 Concen: 2.81 ng  
 RT: 9.22 min Scan# 1212  
 Delta R.T. -0.01 min  
 Lab File: BF098729.D  
 Acq: 23 Sep 2017 10:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

Tgt Ion: 196 Resp: 17139  
 Ion Ratio Lower Upper  
 196 100  
 198 91.6 74.6 112.0  
 97 53.3 42.9 64.3  
 132 34.0 26.3 39.5

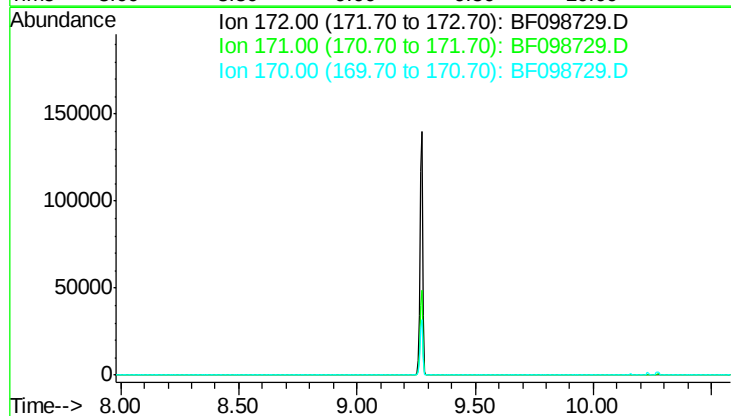


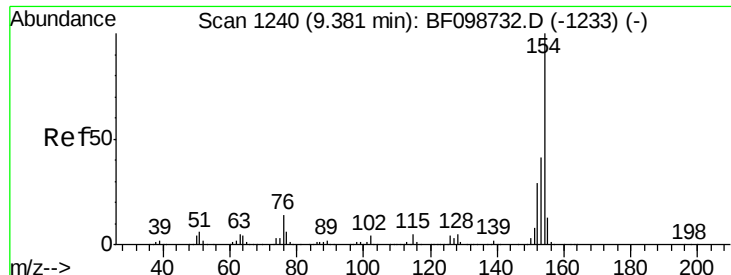
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 0.00 ng  
 Expected RT: 9.28 min  
 Lab File: BF098729.D  
 Acq: 23 Sep 2017 10:30

Tgt Ion: 172  
 Sig Exp Ratio  
 172 100  
 171 37.1  
 170 24.5





#45

1,1'-Biphenyl

Concen: 3.03 ng

RT: 9.37 min Scan# 1239

Delta R.T. -0.01 min

Lab File: BF098729.D

Acq: 23 Sep 2017 10:30

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

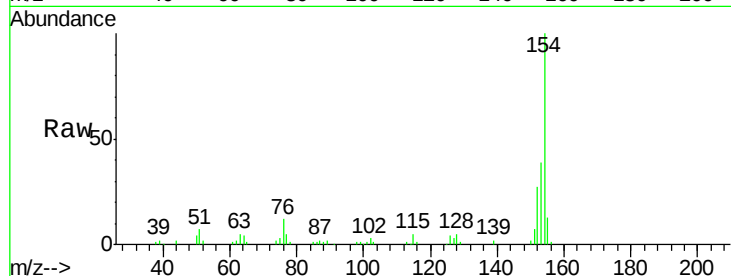
Tgt Ion:154 Resp: 77615

Ion Ratio Lower Upper

154 100

153 38.8 21.3 61.3

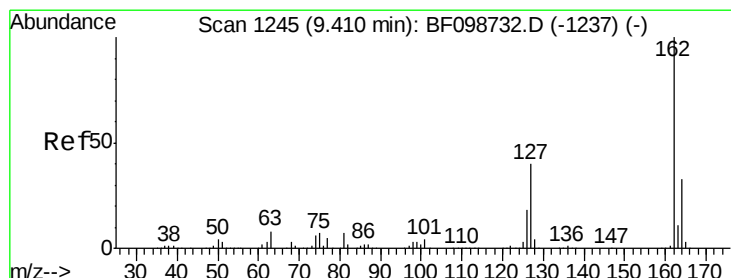
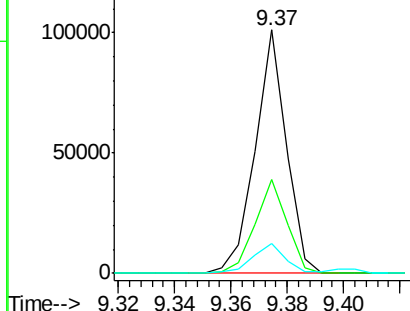
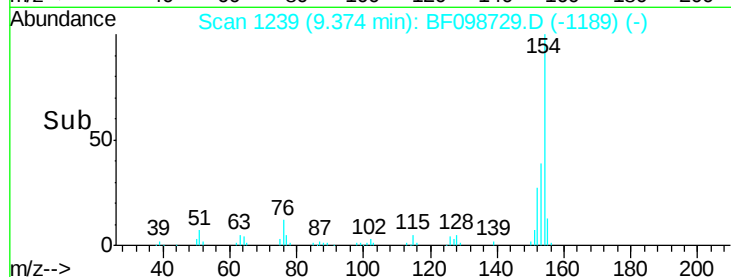
76 12.5 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 2.86 ng

RT: 9.40 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BF098729.D

Acq: 23 Sep 2017 10:30

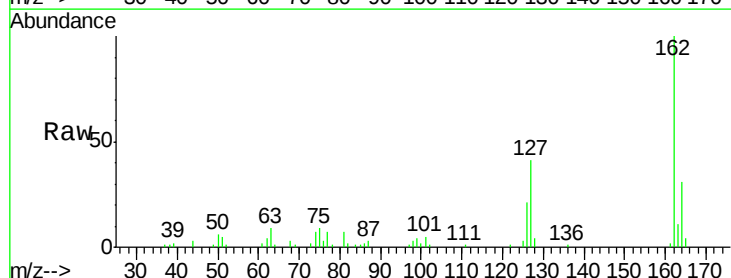
Tgt Ion:162 Resp: 55050

Ion Ratio Lower Upper

162 100

127 41.4 33.9 50.9

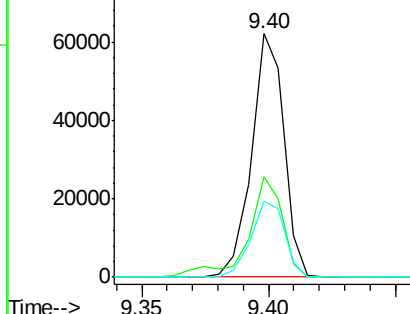
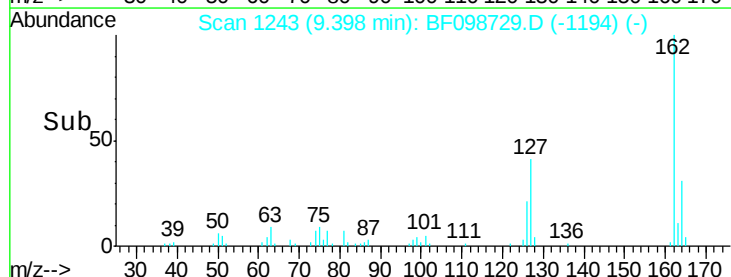
164 31.2 26.5 39.7

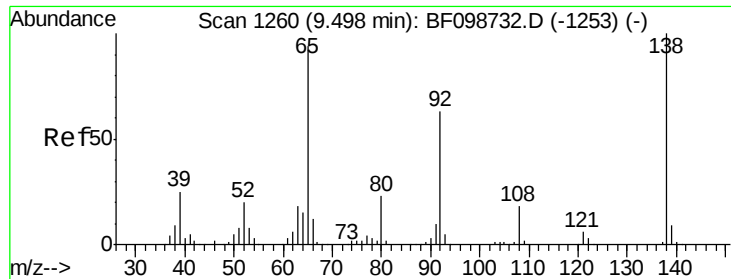


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

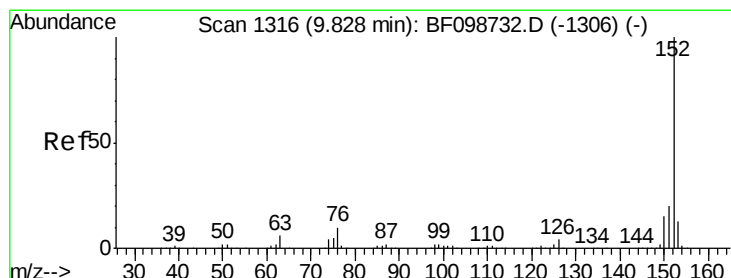
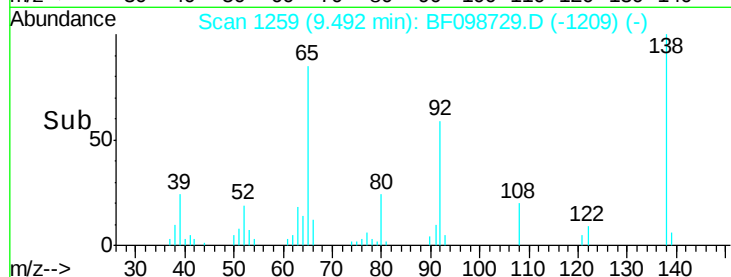
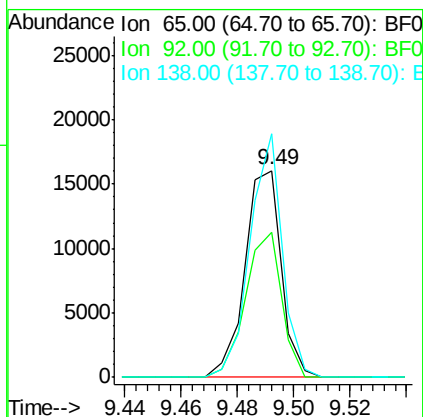
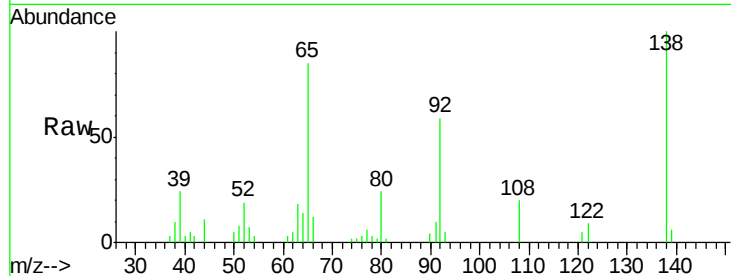




#47  
2-Nitroaniline  
Concen: 2.66 ng  
RT: 9.49 min Scan# 1259  
Delta R.T. -0.01 min  
Lab File: BF098729.D  
Acq: 23 Sep 2017 10:30

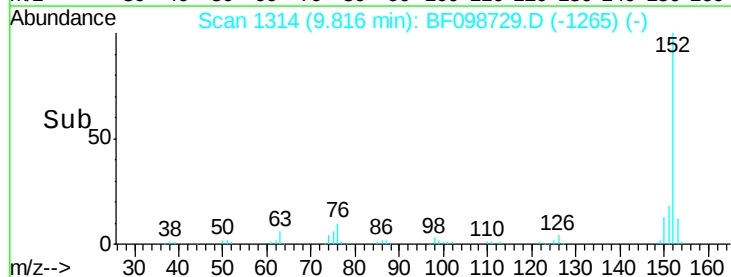
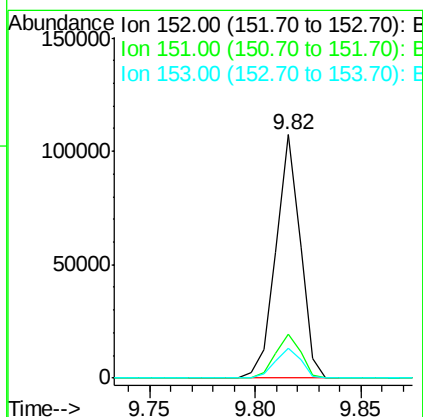
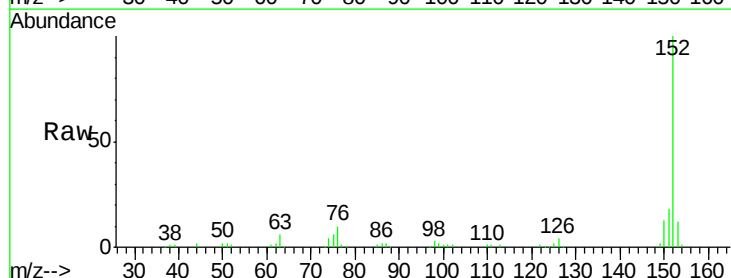
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

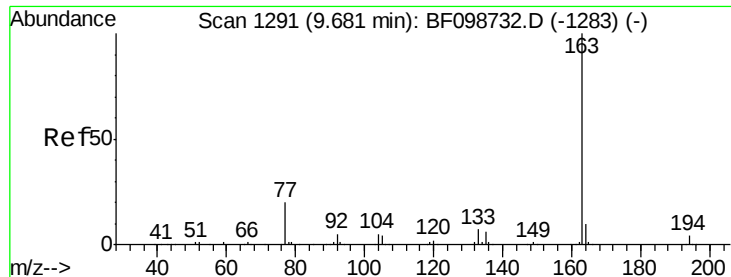
Tgt Ion: 65 Resp: 14354  
Ion Ratio Lower Upper  
65 100  
92 69.9 55.8 83.6  
138 117.8 91.2 136.8



#48  
Acenaphthylene  
Concen: 2.92 ng  
RT: 9.82 min Scan# 1314  
Delta R.T. -0.01 min  
Lab File: BF098729.D  
Acq: 23 Sep 2017 10:30

Tgt Ion: 152 Resp: 86424  
Ion Ratio Lower Upper  
152 100  
151 18.2 16.3 24.5  
153 12.2 10.7 16.1

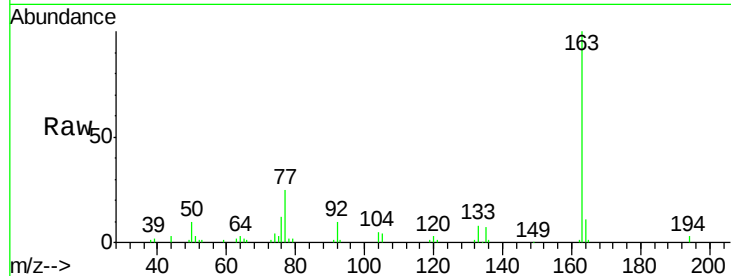




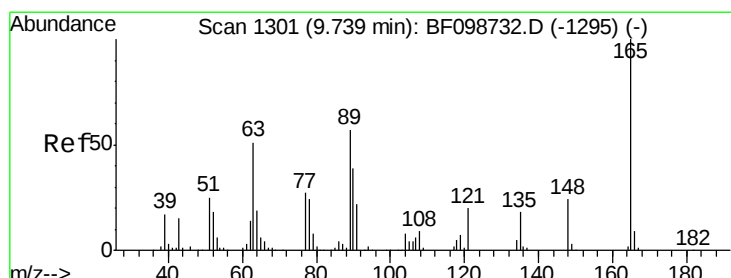
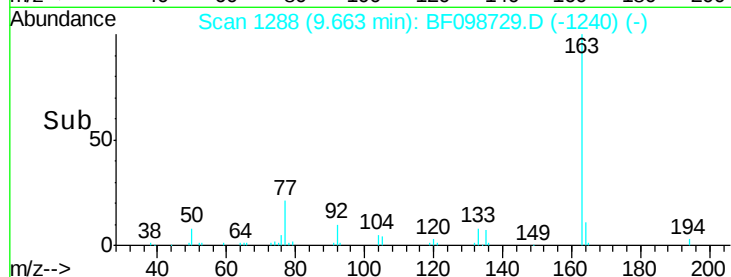
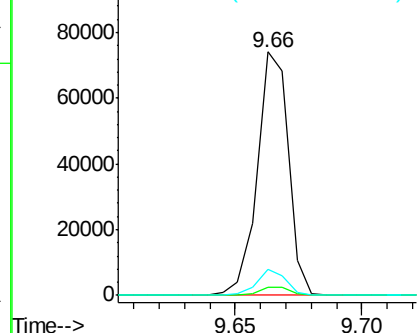
#49  
Dimethylphthalate  
Concen: 2.85 ng  
RT: 9.66 min Scan# 1288  
Delta R.T. -0.02 min  
Lab File: BF098729.D  
Acq: 23 Sep 2017 10:30

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

Tgt Ion:163 Resp: 63713  
Ion Ratio Lower Upper  
163 100  
194 3.2 2.7 4.1  
164 10.8 8.2 12.2

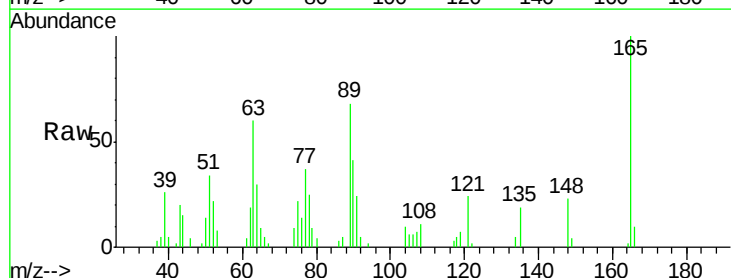


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

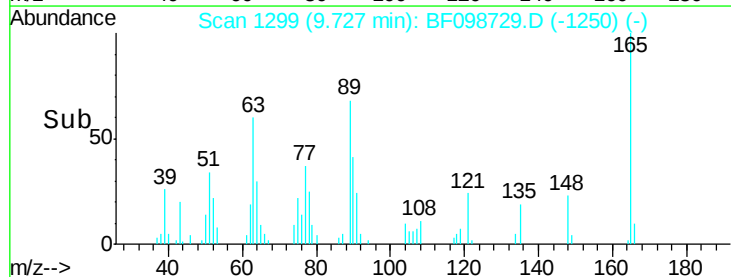
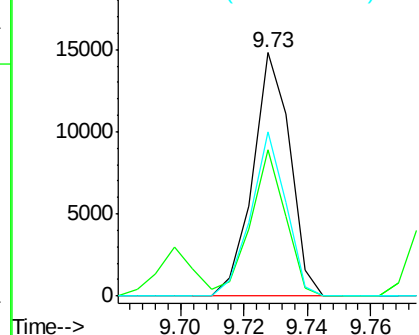


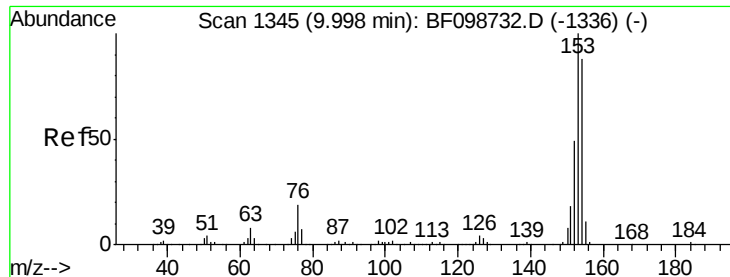
#50  
2,6-Dinitrotoluene  
Concen: 2.72 ng  
RT: 9.73 min Scan# 1299  
Delta R.T. -0.01 min  
Lab File: BF098729.D  
Acq: 23 Sep 2017 10:30

Tgt Ion:165 Resp: 12038  
Ion Ratio Lower Upper  
165 100  
63 60.3 44.7 67.1  
89 67.7 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 2.97 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF098729.D

Acq: 23 Sep 2017 10:30

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

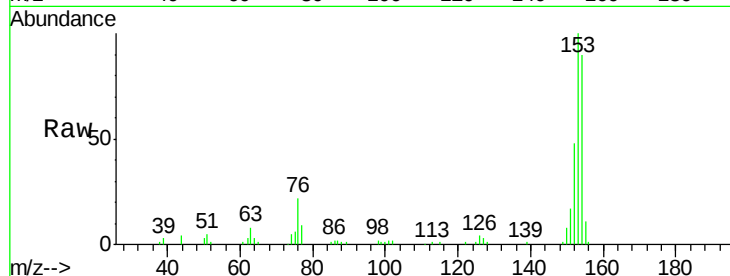
Tgt Ion:154 Resp: 54524

Ion Ratio Lower Upper

154 100

153 110.9 91.2 136.8

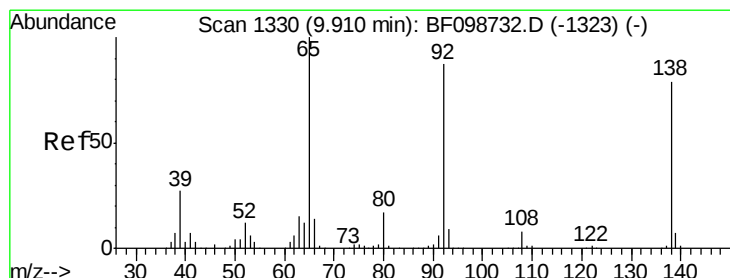
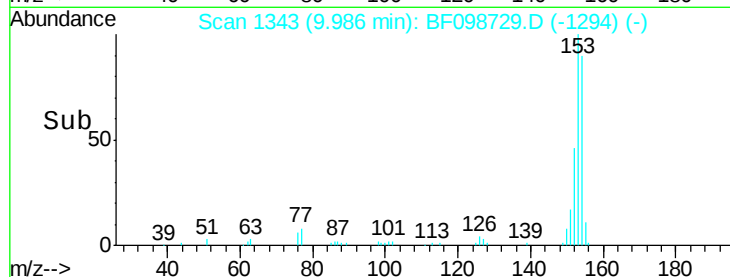
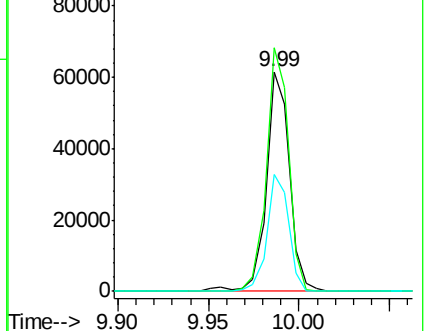
152 53.5 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 2.66 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF098729.D

Acq: 23 Sep 2017 10:30

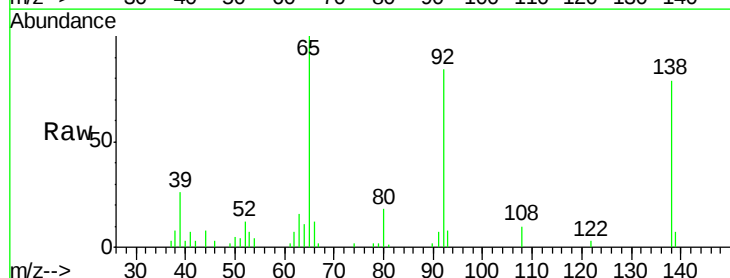
Tgt Ion:138 Resp: 14018

Ion Ratio Lower Upper

138 100

108 12.9 9.4 14.0

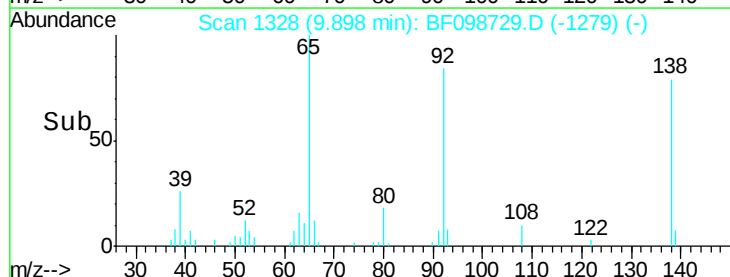
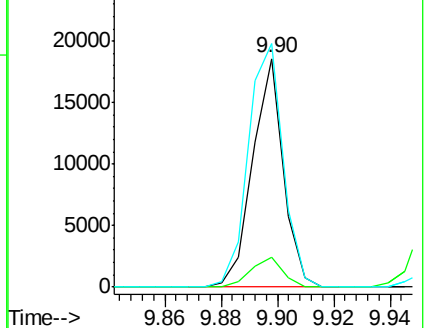
92 106.5 89.4 134.2

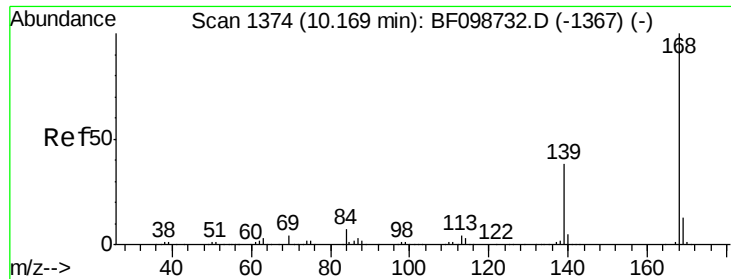


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

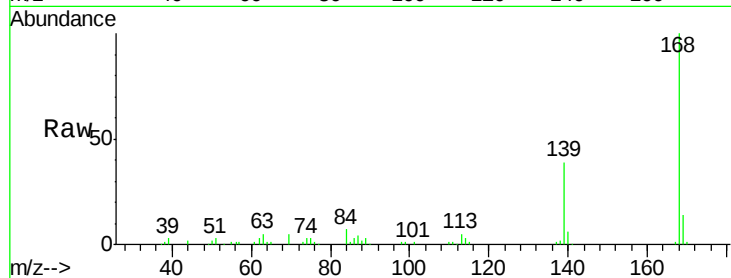




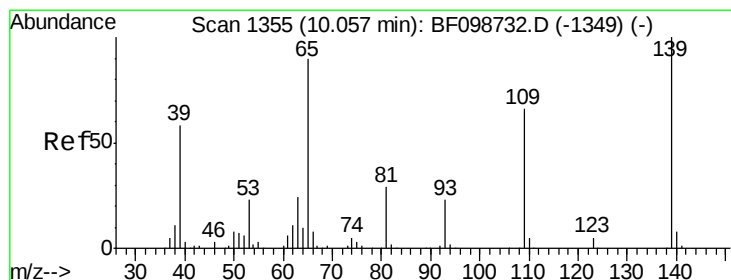
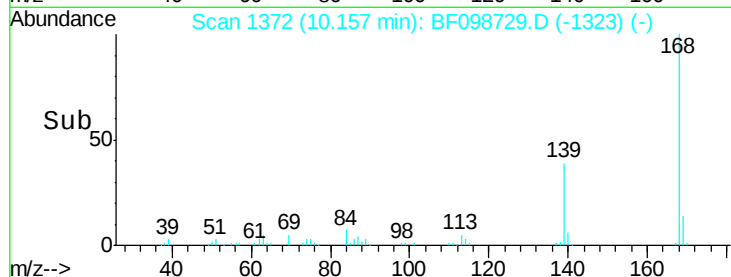
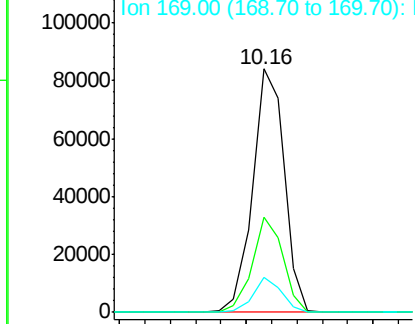
#54  
Dibenzenofuran  
Concen: 2.92 ng  
RT: 10.16 min Scan# 1372  
Delta R.T. -0.01 min  
Lab File: BF098729.D  
Acq: 23 Sep 2017 10:30

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

Tgt Ion:168 Resp: 73294  
Ion Ratio Lower Upper  
168 100  
139 39.2 30.1 45.1  
169 14.4 10.9 16.3

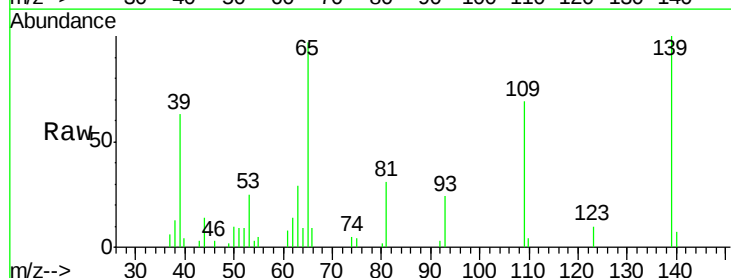


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

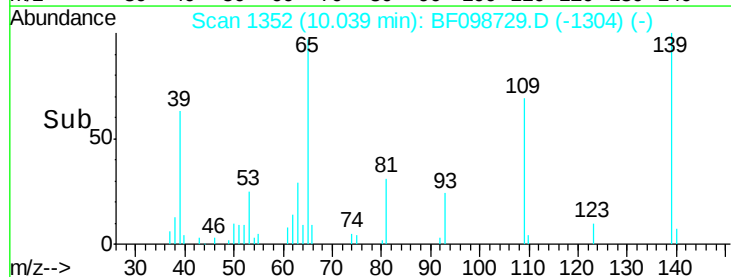
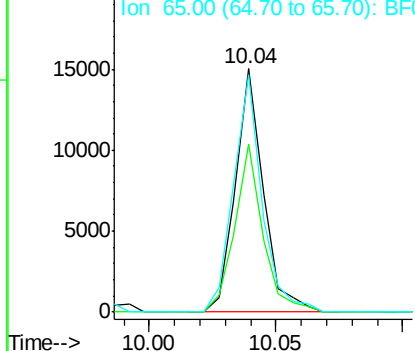


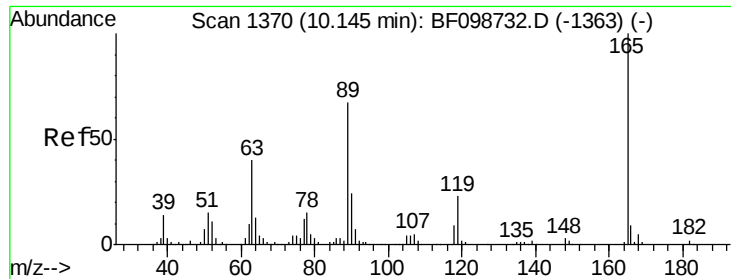
#55  
4-Nitrophenol  
Concen: 2.51 ng  
RT: 10.04 min Scan# 1352  
Delta R.T. -0.02 min  
Lab File: BF098729.D  
Acq: 23 Sep 2017 10:30

Tgt Ion:139 Resp: 11501  
Ion Ratio Lower Upper  
139 100  
109 69.0 48.4 88.4  
65 97.4 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF0

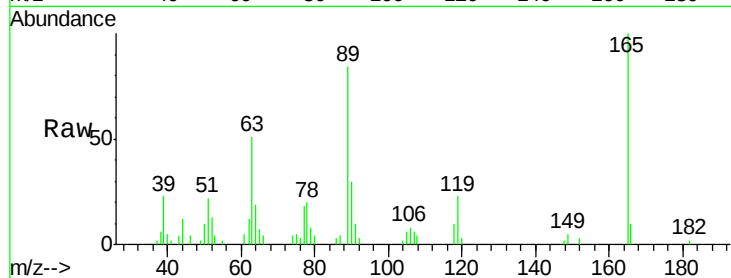




#56  
2,4-Dinitrotoluene  
Concen: 2.46 ng  
RT: 10.13 min Scan# 1367  
Delta R.T. -0.02 min  
Lab File: BF098729.D  
Acq: 23 Sep 2017 10:30

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 165   | Resp: | 14620 |
| Ion      | Ratio | Lower | Upper |
| 165      | 100   |       |       |
| 63       | 50.6  | 36.4  | 54.6  |
| 89       | 84.1  | 57.8  | 86.6  |
| 182      | 2.0   | 1.6   | 2.4   |

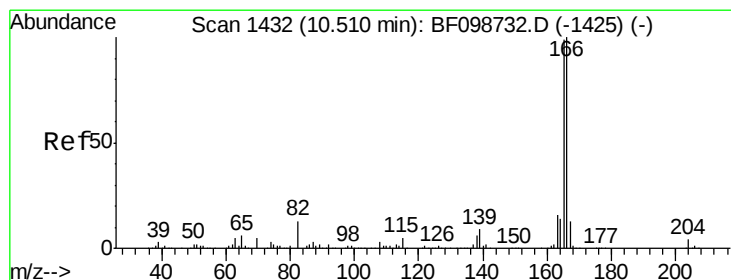
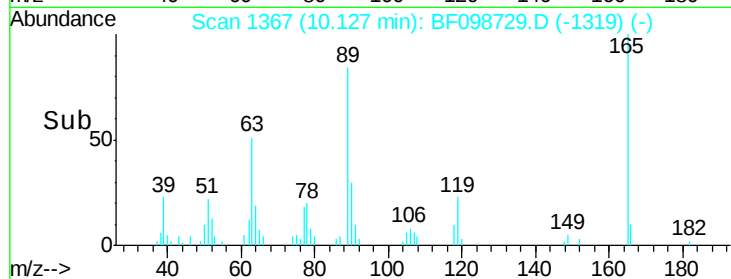
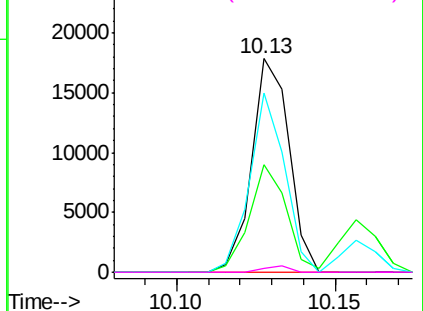


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

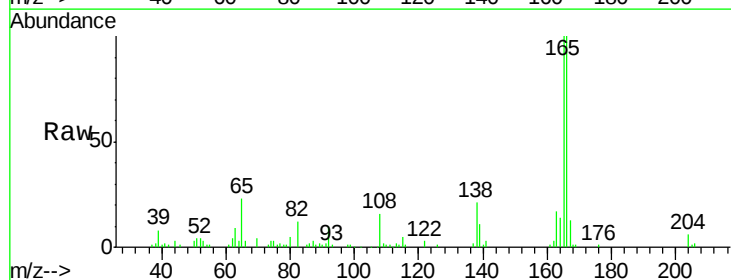
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57  
Fluorene  
Concen: 3.09 ng  
RT: 10.50 min Scan# 1431  
Delta R.T. -0.01 min  
Lab File: BF098729.D  
Acq: 23 Sep 2017 10:30

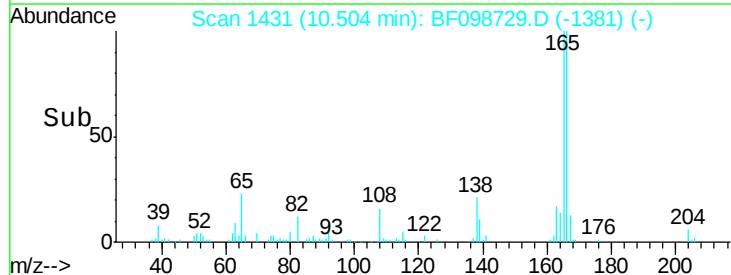
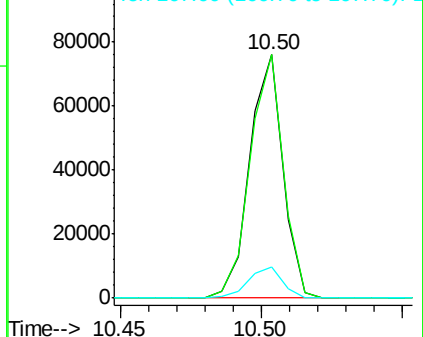
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 166   | Resp: | 62219 |
| Ion      | Ratio | Lower | Upper |
| 166      | 100   |       |       |
| 165      | 99.8  | 79.8  | 119.8 |
| 167      | 12.9  | 10.6  | 16.0  |

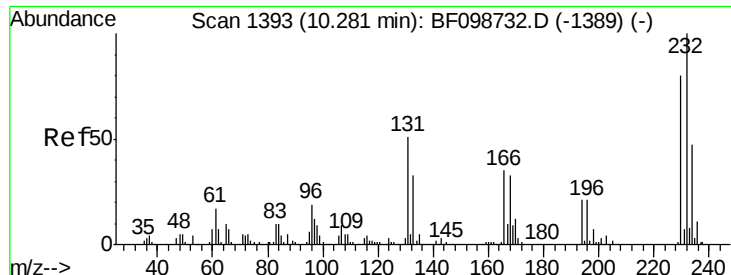


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

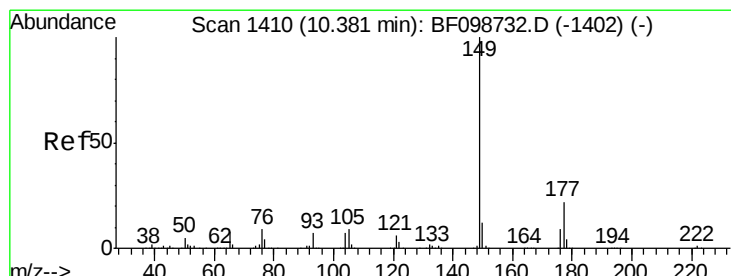
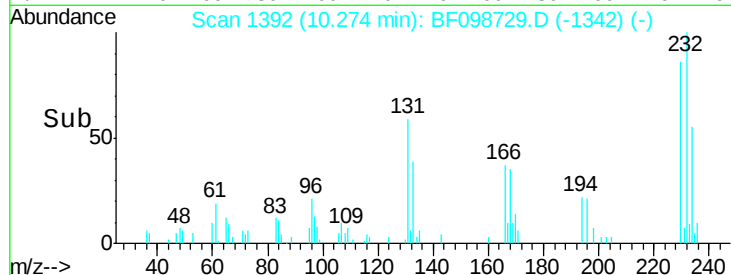
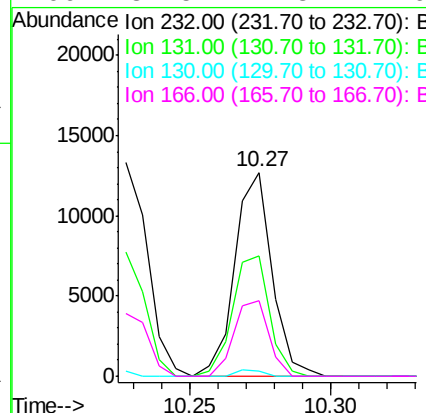
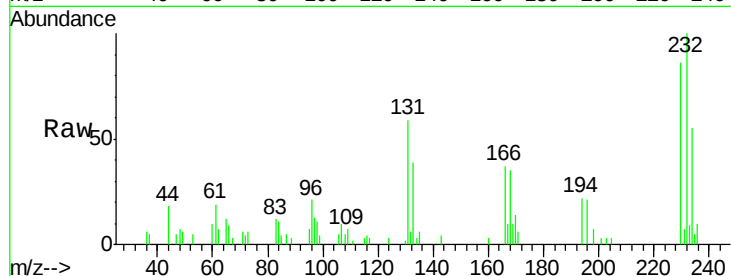




#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 2.67 ng  
 RT: 10.27 min Scan# 1392  
 Delta R.T. -0.01 min  
 Lab File: BF098729.D  
 Acq: 23 Sep 2017 10:30

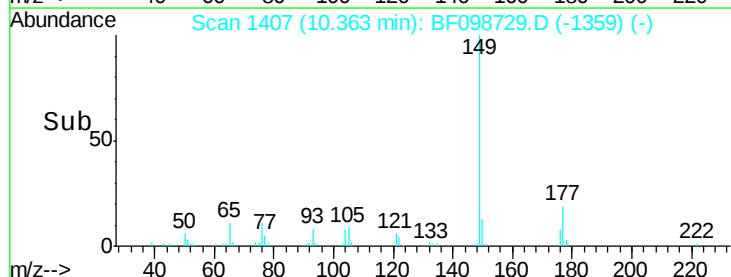
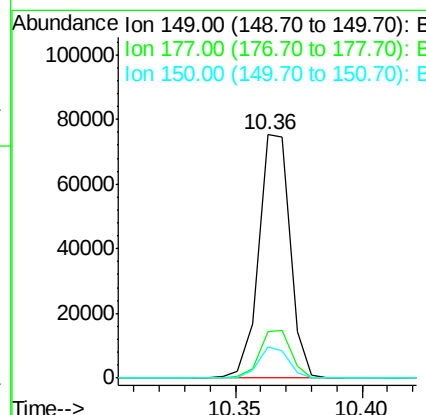
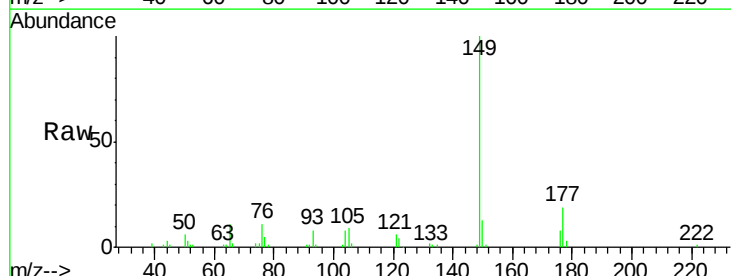
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

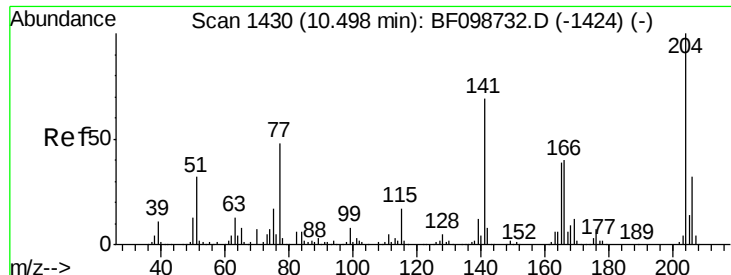
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 59.2  | 43.8  | 65.8  |
| 130     | 2.1   | 2.1   | 3.1   |
| 166     | 34.5  | 27.8  | 41.6  |



#59  
 Diethylphthalate  
 Concen: 2.97 ng  
 RT: 10.36 min Scan# 1407  
 Delta R.T. -0.02 min  
 Lab File: BF098729.D  
 Acq: 23 Sep 2017 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 18.9  | 16.1  | 24.1  |
| 150     | 12.7  | 10.1  | 15.1  |

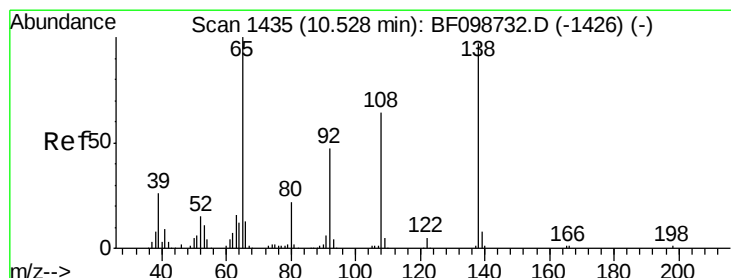
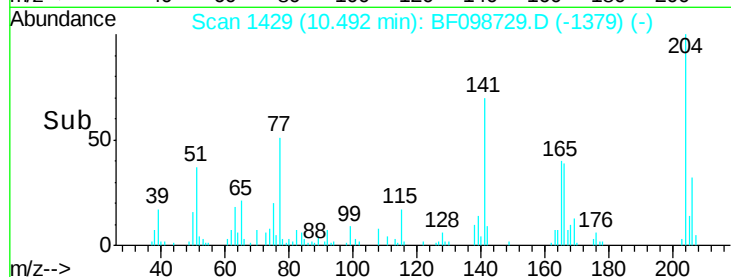
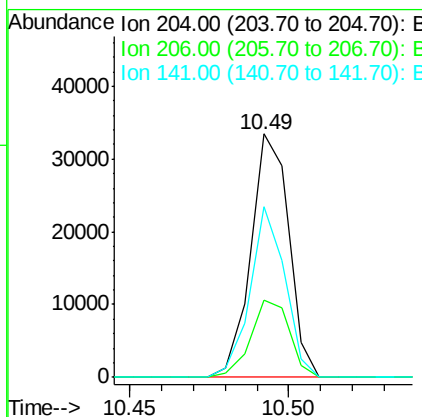
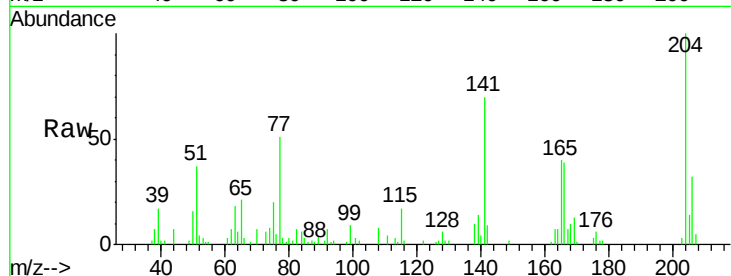




#60  
 4-Chlorophenyl-phenylether  
 Concen: 3.15 ng  
 RT: 10.49 min Scan# 1429  
 Delta R.T. -0.01 min  
 Lab File: BF098729.D  
 Acq: 23 Sep 2017 10:30

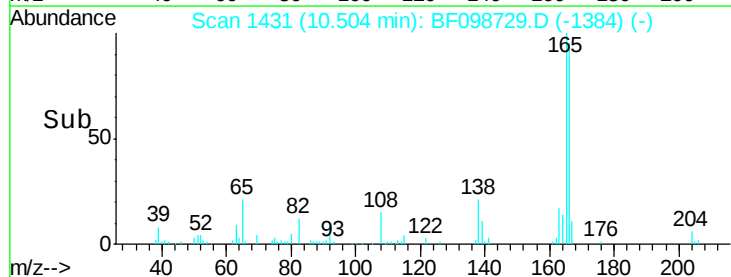
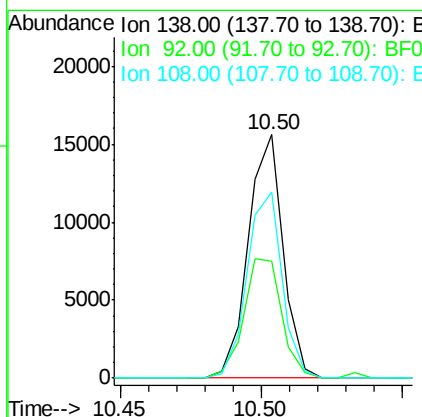
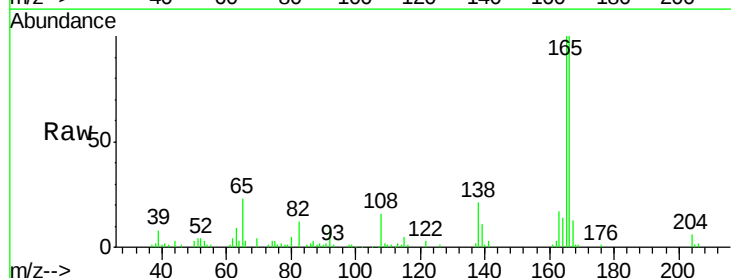
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

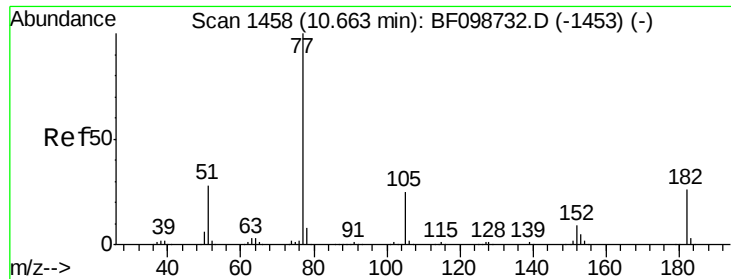
Tgt Ion: 204 Resp: 27786  
 Ion Ratio Lower Upper  
 204 100  
 206 31.8 26.5 39.7  
 141 70.3 54.6 81.8



#61  
 4-Nitroaniline  
 Concen: 2.63 ng  
 RT: 10.50 min Scan# 1431  
 Delta R.T. -0.02 min  
 Lab File: BF098729.D  
 Acq: 23 Sep 2017 10:30

Tgt Ion: 138 Resp: 13308  
 Ion Ratio Lower Upper  
 138 100  
 92 47.8 30.2 70.2  
 108 76.3 52.5 92.5

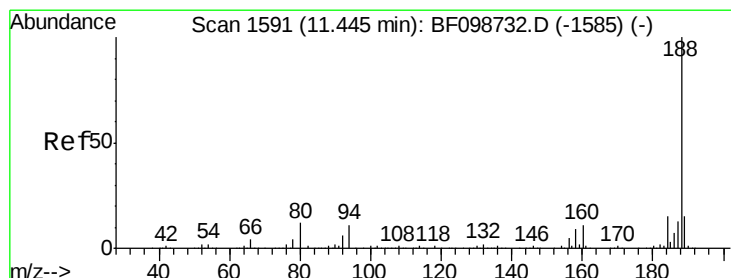
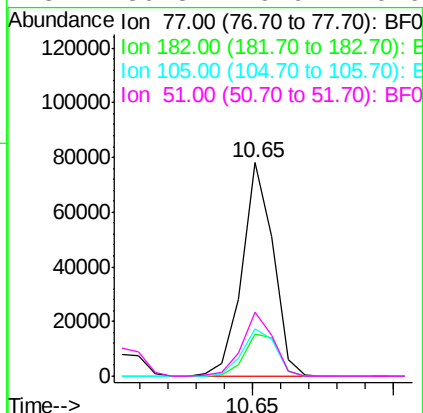
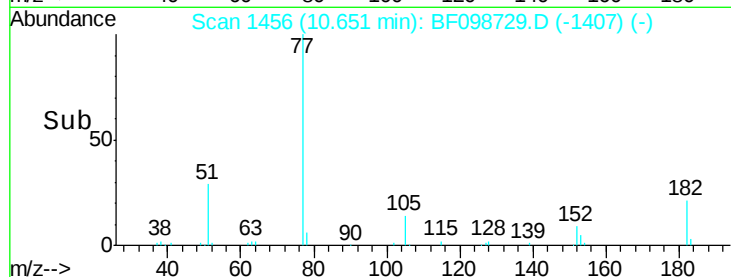
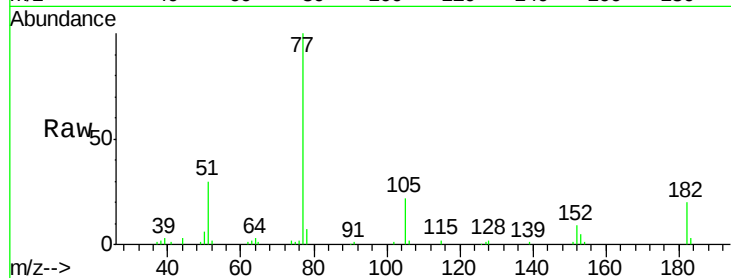




#62  
Azobenzene  
Concen: 2.91 ng  
RT: 10.65 min Scan# 1456  
Delta R.T. -0.01 min  
Lab File: BF098729.D  
Acq: 23 Sep 2017 10:30

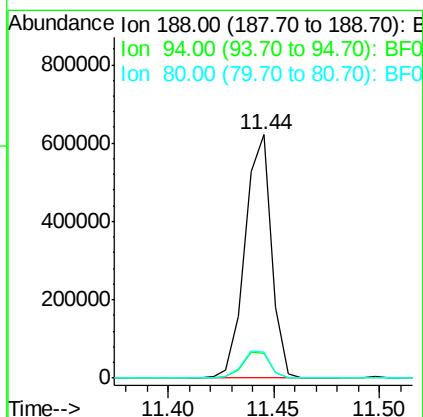
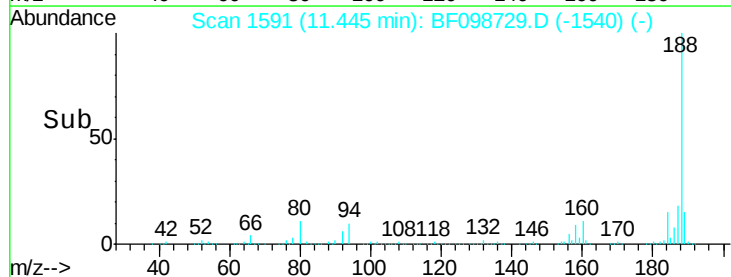
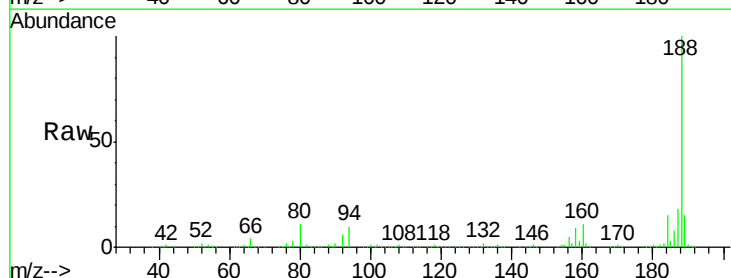
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

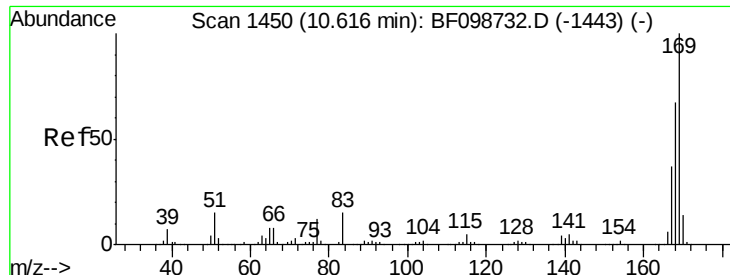
Tgt Ion: 77 Resp: 59694  
Ion Ratio Lower Upper  
77 100  
182 19.5 1.7 41.7  
105 22.0 3.0 43.0  
51 30.3 9.9 49.9



#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.44 min Scan# 1591  
Delta R.T. -0.00 min  
Lab File: BF098729.D  
Acq: 23 Sep 2017 10:30

Tgt Ion: 188 Resp: 538097  
Ion Ratio Lower Upper  
188 100  
94 9.9 8.5 12.7  
80 10.7 9.2 13.8

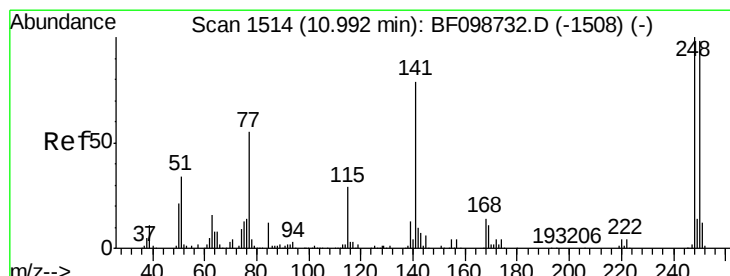
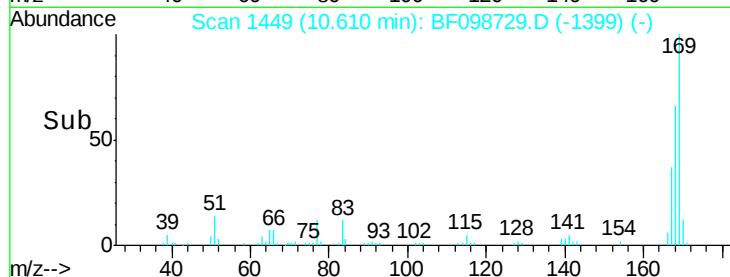
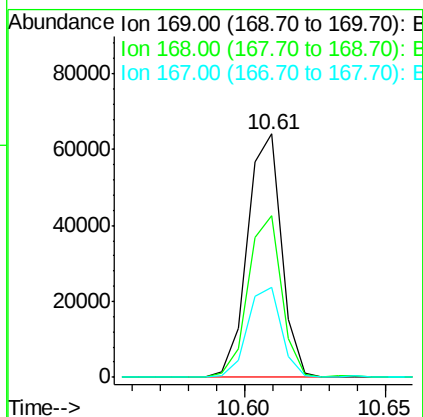
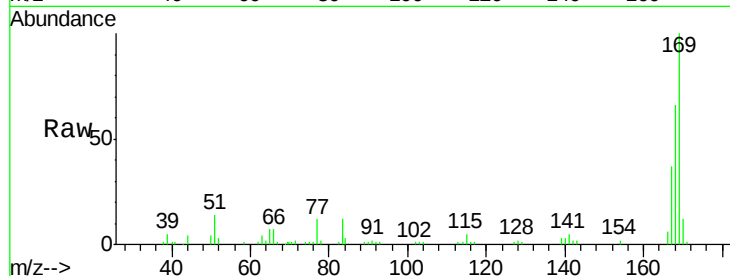




#65  
 n-Nitrosodiphenylamine  
 Concen: 2.89 ng  
 RT: 10.61 min Scan# 1449  
 Delta R.T. -0.01 min  
 Lab File: BF098729.D  
 Acq: 23 Sep 2017 10:30

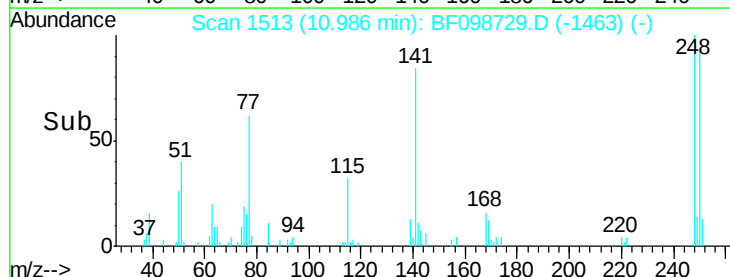
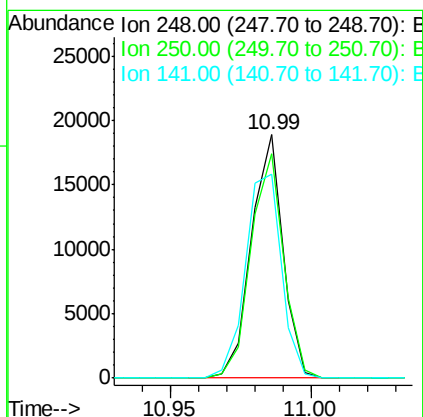
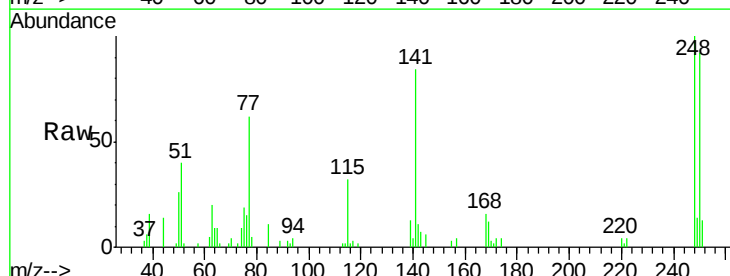
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

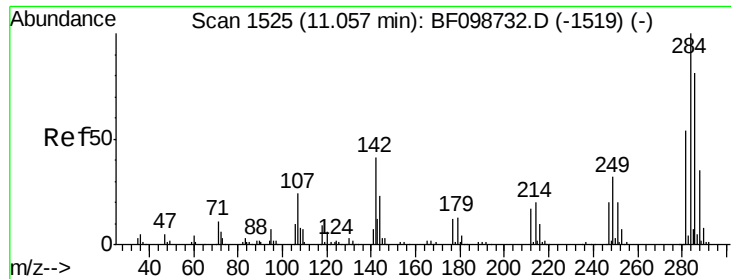
Tgt Ion:169 Resp: 53565  
 Ion Ratio Lower Upper  
 169 100  
 168 66.2 54.4 81.6  
 167 36.9 29.8 44.6



#66  
 4-Bromophenyl-phenylether  
 Concen: 2.70 ng  
 RT: 10.99 min Scan# 1513  
 Delta R.T. -0.01 min  
 Lab File: BF098729.D  
 Acq: 23 Sep 2017 10:30

Tgt Ion:248 Resp: 14663  
 Ion Ratio Lower Upper  
 248 100  
 250 92.4 76.9 115.3  
 141 83.9 74.4 111.6





#67

Hexachlorobenzene

Concen: 2.54 ng

RT: 11.05 min Scan# 1524

Delta R.T. -0.01 min

Lab File: BF098729.D

Acq: 23 Sep 2017 10:30

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

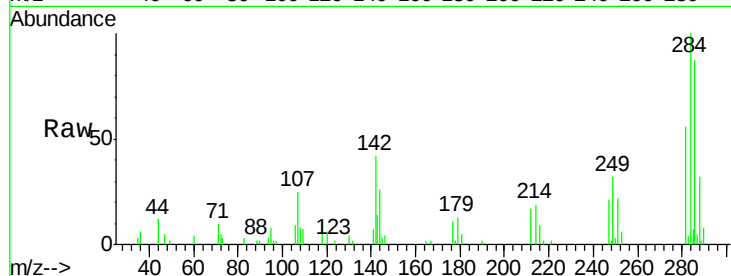
Tgt Ion: 284 Resp: 15716

Ion Ratio Lower Upper

284 100

142 42.3 34.6 52.0

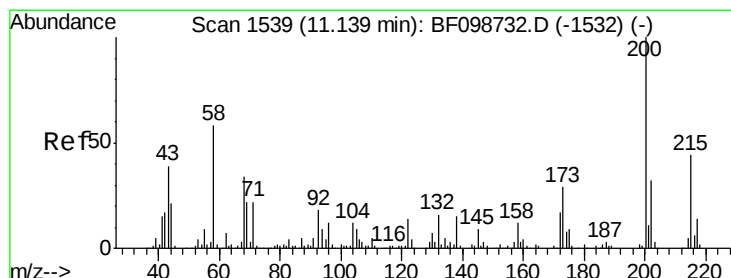
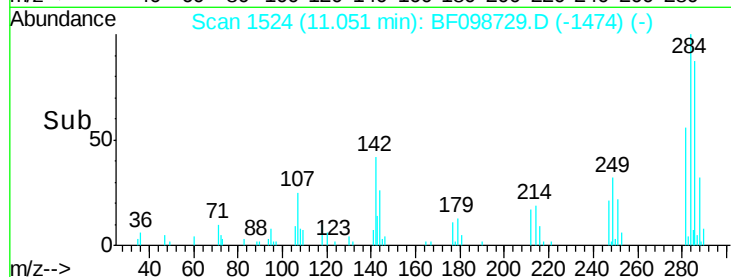
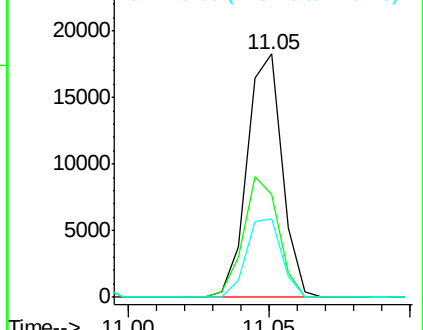
249 32.2 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 2.88 ng

RT: 11.13 min Scan# 1537

Delta R.T. -0.01 min

Lab File: BF098729.D

Acq: 23 Sep 2017 10:30

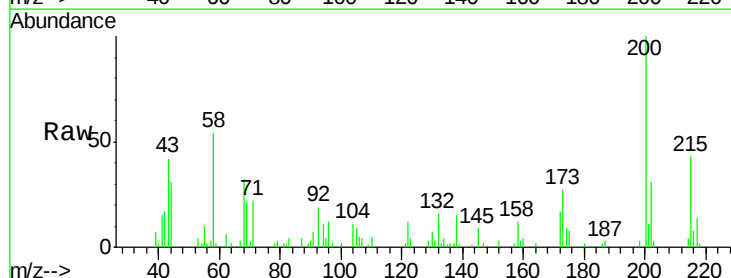
Tgt Ion: 200 Resp: 16042

Ion Ratio Lower Upper

200 100

173 26.5 8.6 48.6

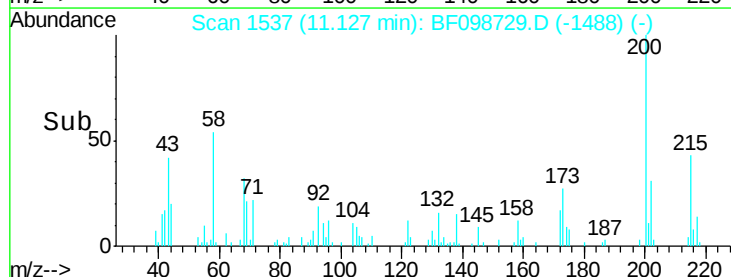
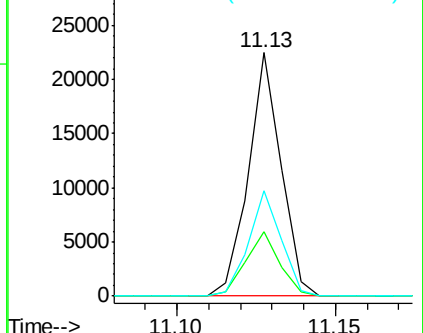
215 43.2 25.1 65.1

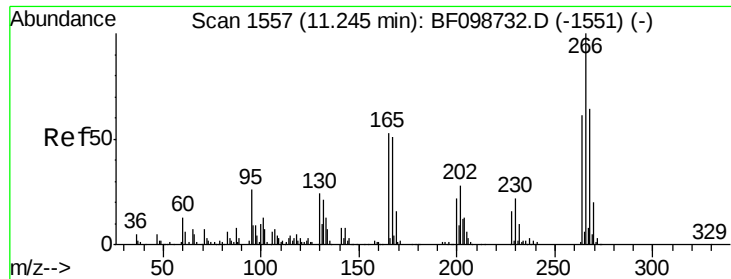


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 2.16 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF098729.D

Acq: 23 Sep 2017 10:30

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

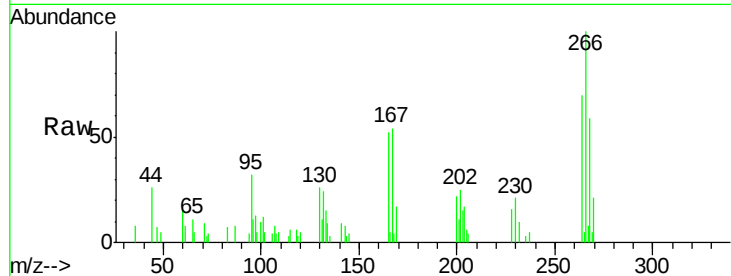
Tgt Ion: 266 Resp: 7648

Ion Ratio Lower Upper

266 100

268 59.1 51.1 76.7

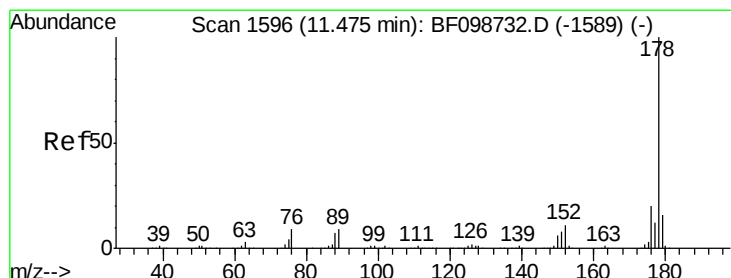
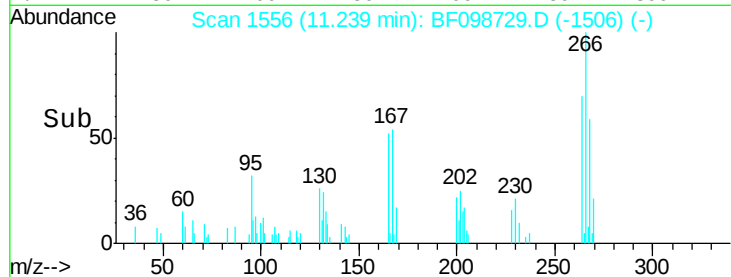
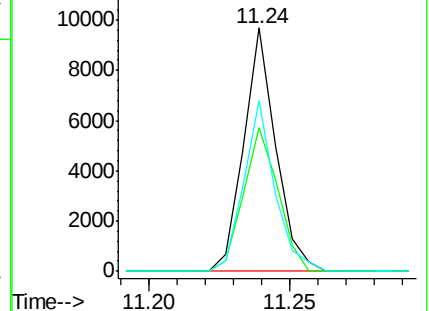
264 70.3 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 2.99 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BF098729.D

Acq: 23 Sep 2017 10:30

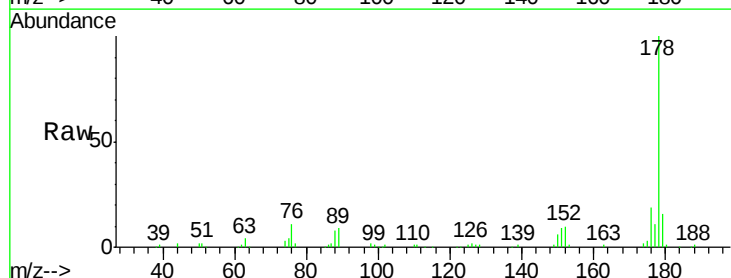
Tgt Ion: 178 Resp: 87258

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

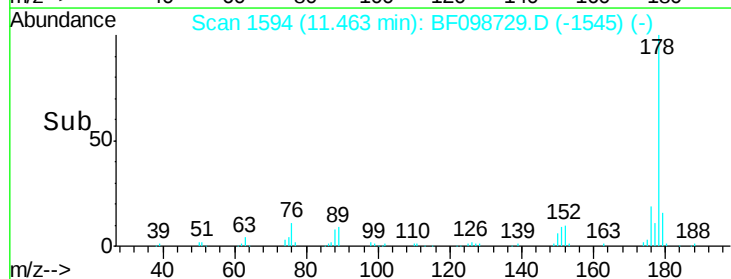
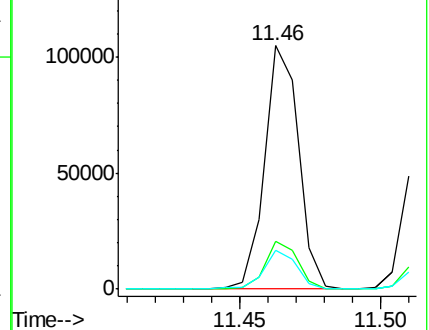
179 15.9 13.0 19.6

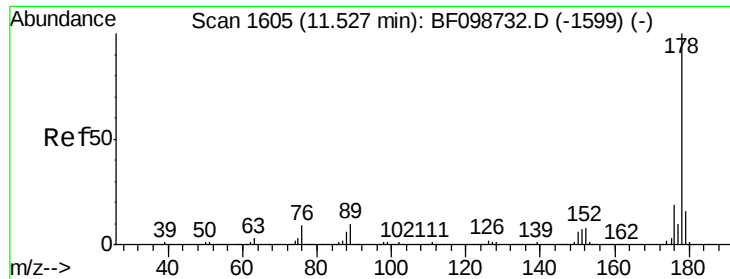


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

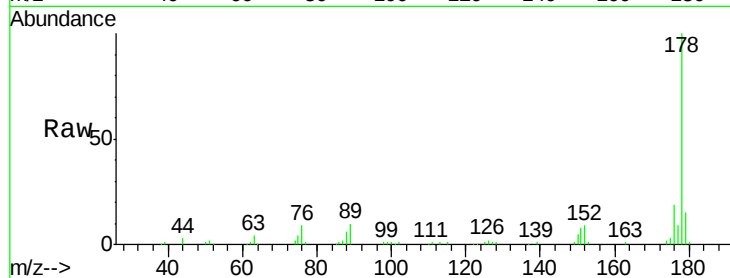




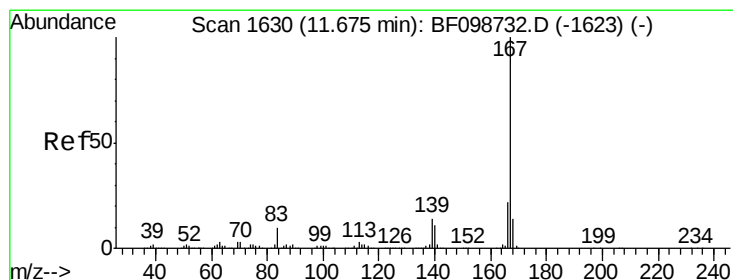
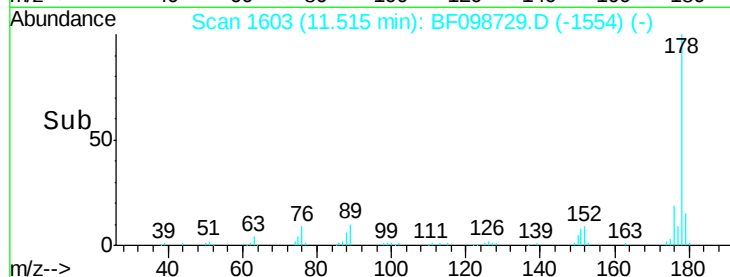
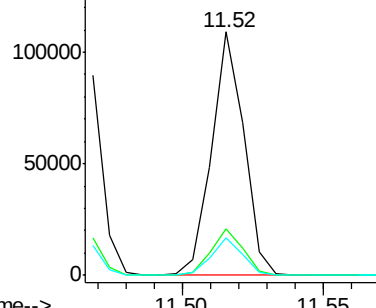
#71  
 Anthracene  
 Concen: 2.92 ng  
 RT: 11.52 min Scan# 1603  
 Delta R.T. -0.01 min  
 Lab File: BF098729.D  
 Acq: 23 Sep 2017 10:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

Tgt Ion:178 Resp: 86784  
 Ion Ratio Lower Upper  
 178 100  
 176 19.3 15.4 23.2  
 179 15.2 12.6 19.0

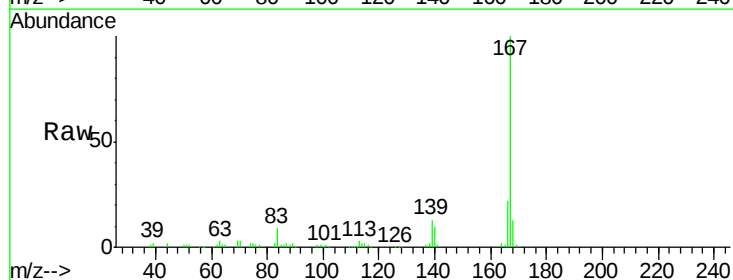


Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

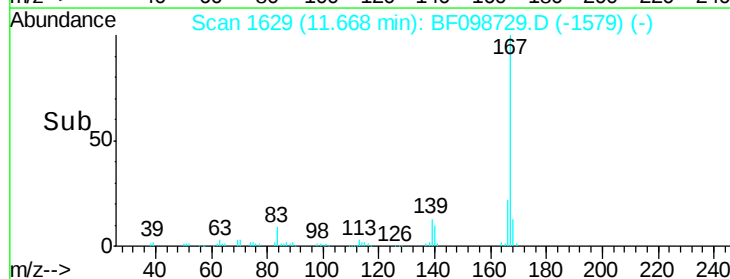
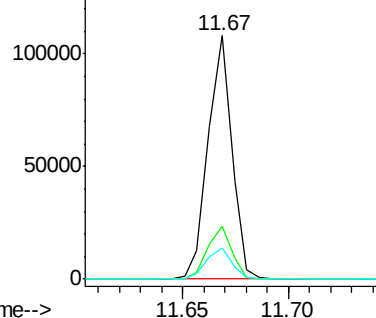


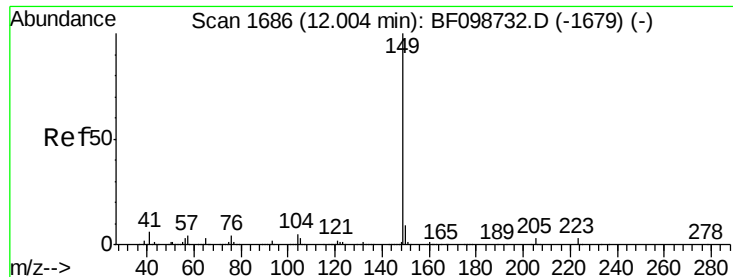
#72  
 Carbazole  
 Concen: 2.89 ng  
 RT: 11.67 min Scan# 1629  
 Delta R.T. -0.01 min  
 Lab File: BF098729.D  
 Acq: 23 Sep 2017 10:30

Tgt Ion:167 Resp: 84188  
 Ion Ratio Lower Upper  
 167 100  
 166 22.0 17.6 26.4  
 139 12.6 10.9 16.3



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





#73

Di-n-butylphthalate

Concen: 2.96 ng

RT: 12.00 min Scan# 1685

Delta R.T. -0.01 min

Lab File: BF098729.D

Acq: 23 Sep 2017 10:30

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

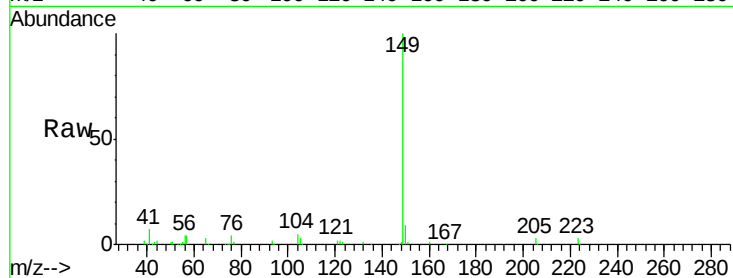
Tgt Ion:149 Resp: 99892

Ion Ratio Lower Upper

149 100

150 8.6 7.8 11.6

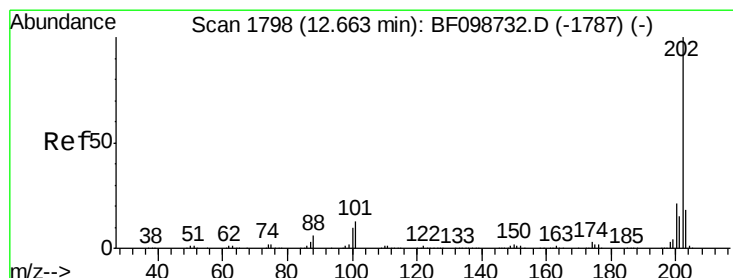
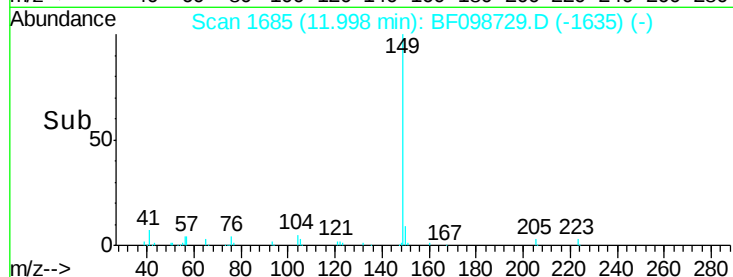
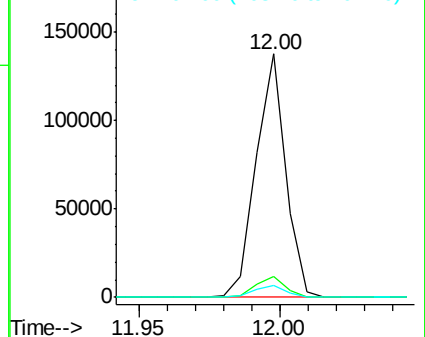
104 4.7 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 2.96 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BF098729.D

Acq: 23 Sep 2017 10:30

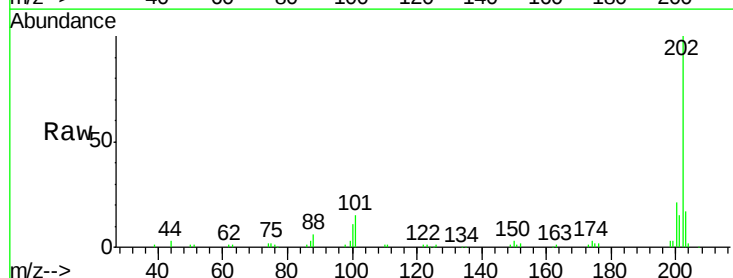
Tgt Ion:202 Resp: 86105

Ion Ratio Lower Upper

202 100

101 14.9 0.0 34.1

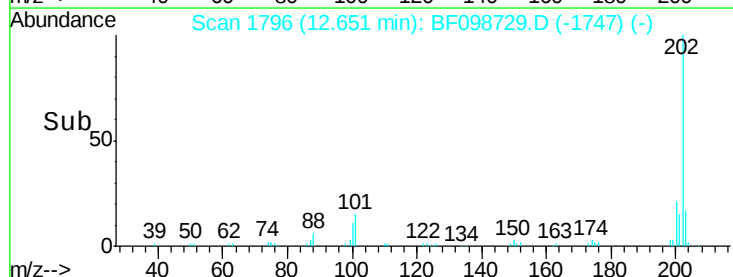
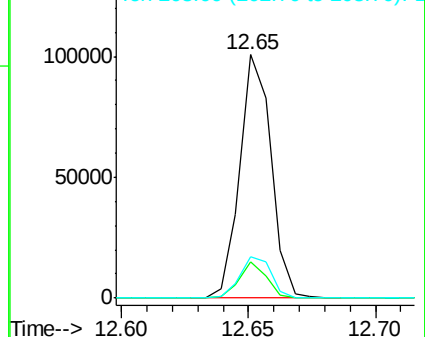
203 16.9 0.0 38.1

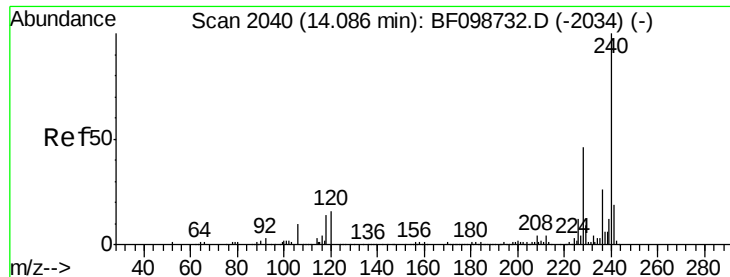


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF098729.D

Acq: 23 Sep 2017 10:30

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

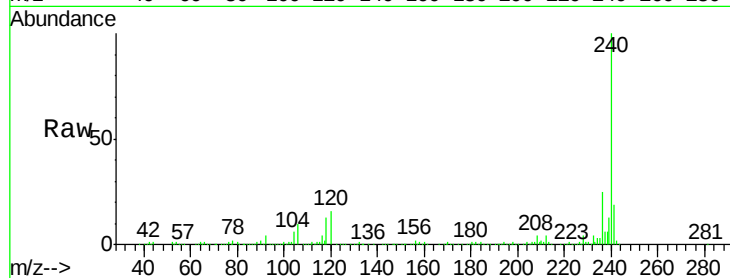
Tgt Ion:240 Resp: 443556

Ion Ratio Lower Upper

240 100

120 15.6 9.5 14.3#

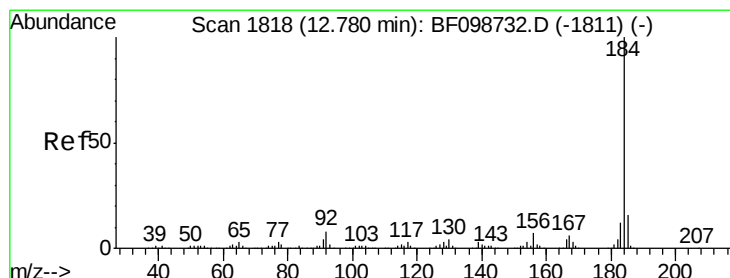
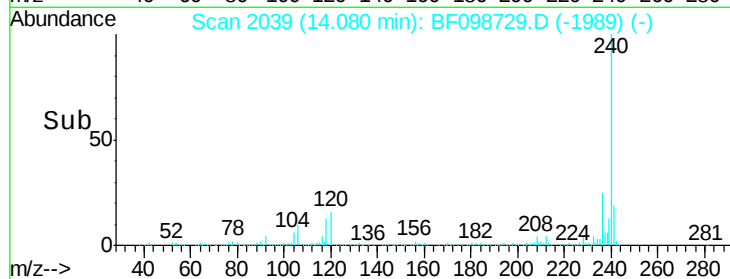
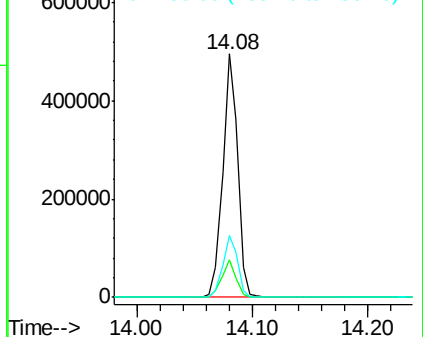
236 25.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.30 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF098729.D

Acq: 23 Sep 2017 10:30

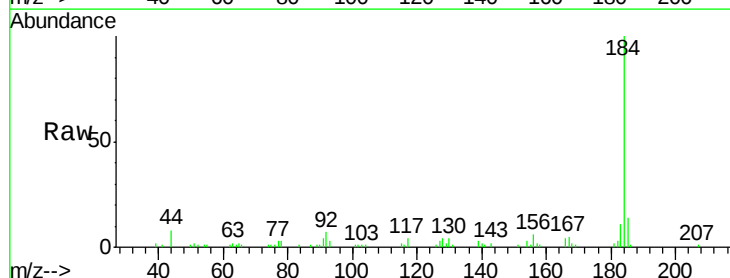
Tgt Ion:184 Resp: 41445

Ion Ratio Lower Upper

184 100

185 13.9 12.6 18.8

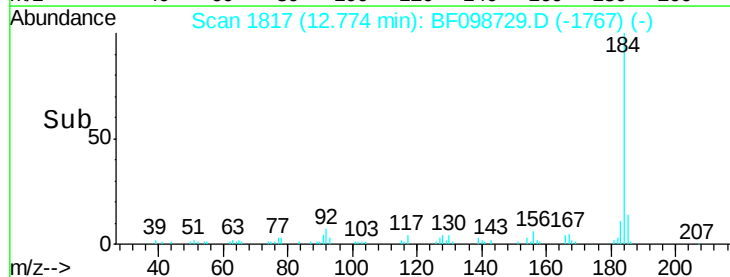
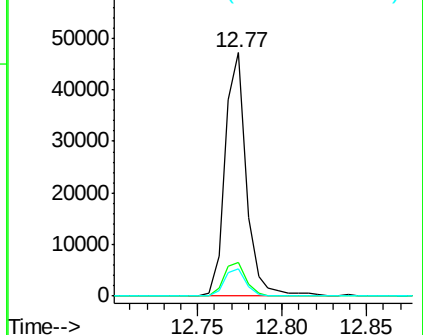
183 11.4 9.3 13.9

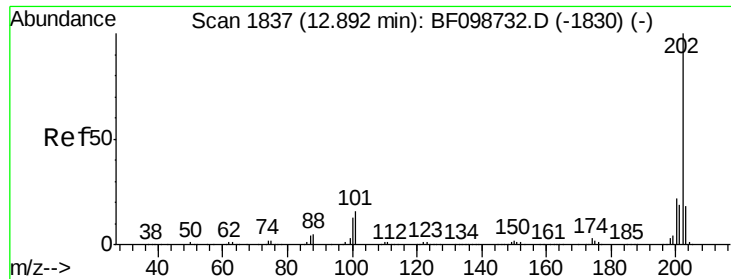


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

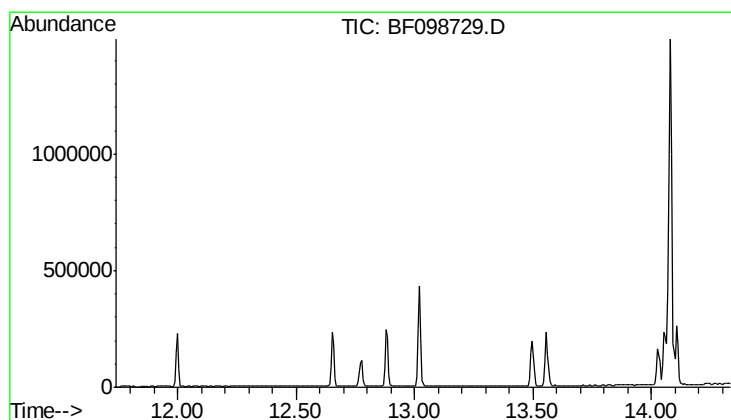
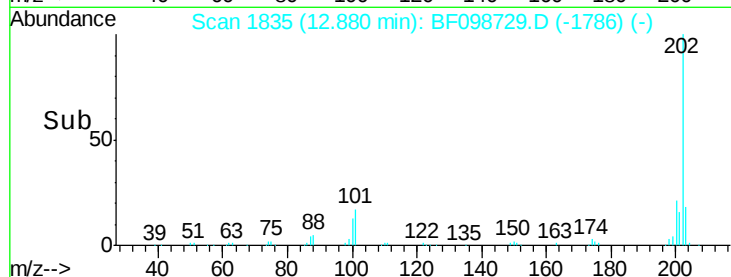
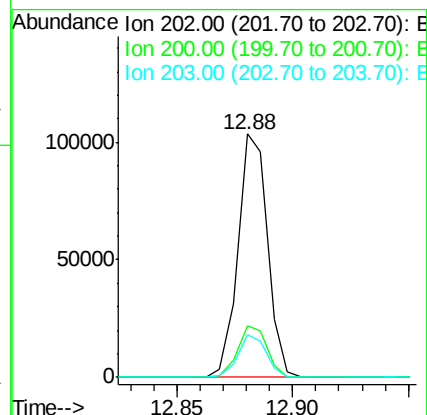
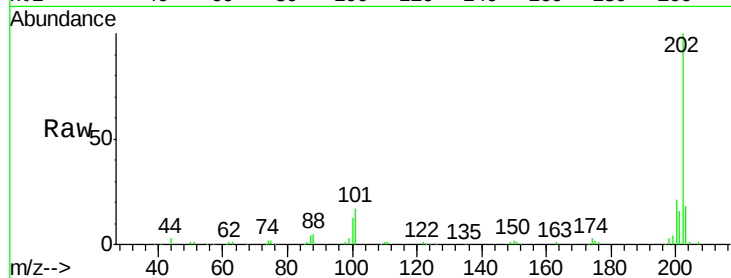




#77  
 Pyrene  
 Concen: 2.81 ng  
 RT: 12.88 min Scan# 1835  
 Delta R.T. -0.01 min  
 Lab File: BF098729.D  
 Acq: 23 Sep 2017 10:30

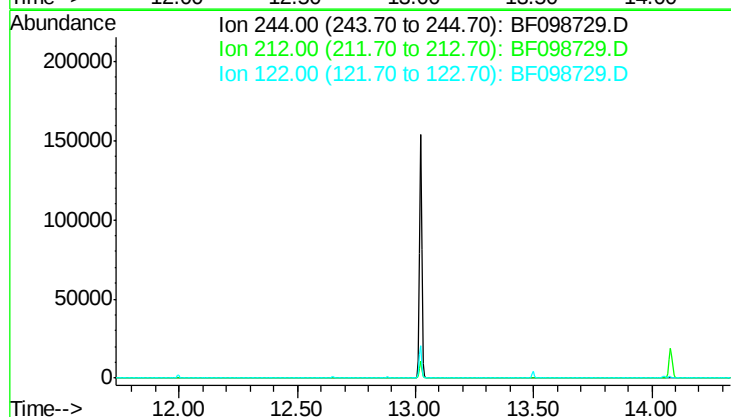
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

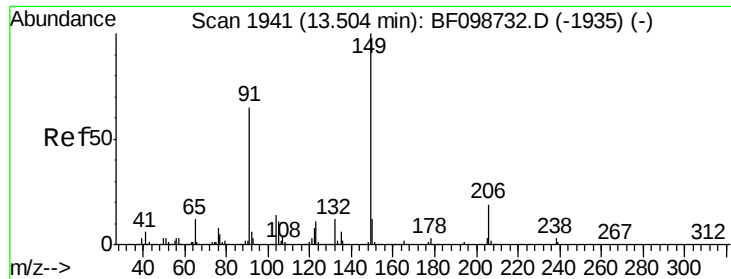
Tgt Ion: 202 Resp: 92438  
 Ion Ratio Lower Upper  
 202 100  
 200 21.2 17.4 26.2  
 203 17.5 14.3 21.5



#78  
 Terphenyl-d14  
 Concen: 0.00 ng  
 Expected RT: 13.03 min  
 Lab File: BF098729.D  
 Acq: 23 Sep 2017 10:30

Tgt Ion: 244  
 Sig Exp Ratio  
 244 100  
 212 6.7  
 122 13.7

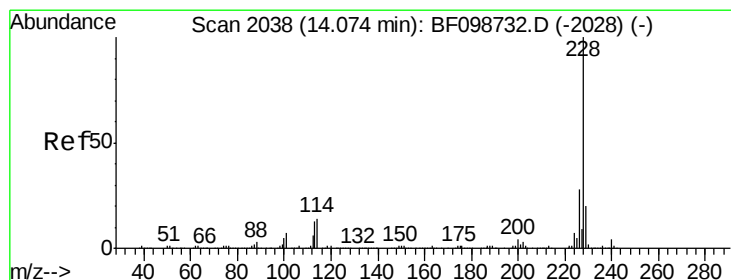
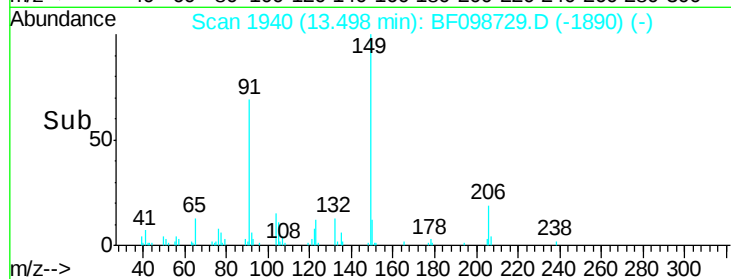
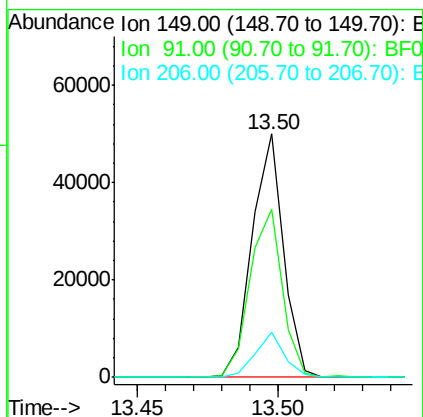
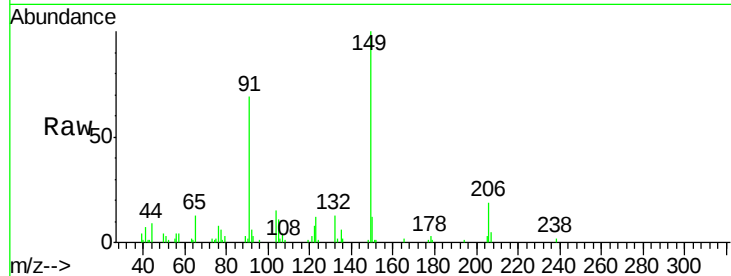




#79  
Butylbenzylphthalate  
Concen: 2.82 ng  
RT: 13.50 min Scan# 1940  
Delta R.T. -0.01 min  
Lab File: BF098729.D  
Acq: 23 Sep 2017 10:30

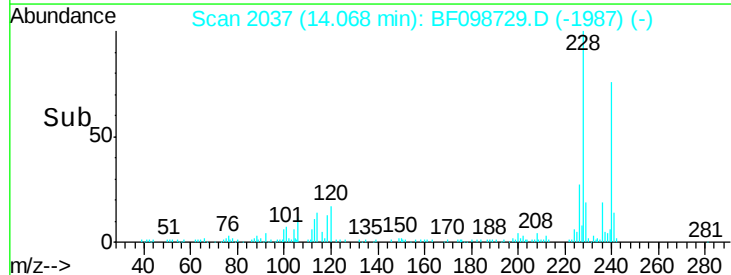
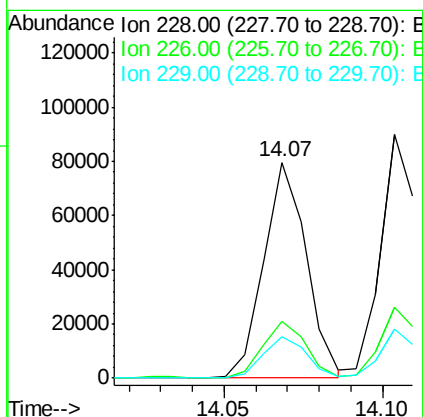
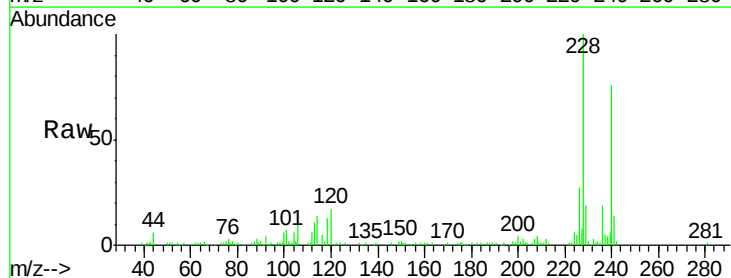
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

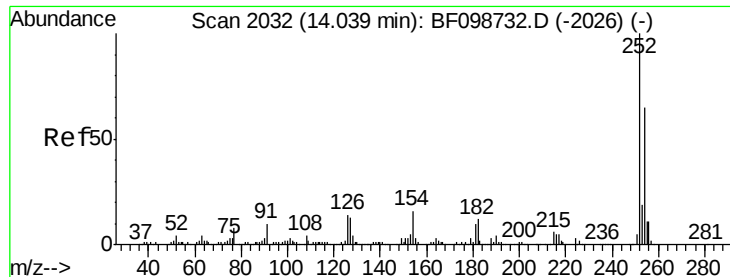
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 68.9  | 56.8  | 85.2  |
| 206     | 18.5  | 14.1  | 21.1  |



#80  
Benzo(a)anthracene  
Concen: 2.79 ng  
RT: 14.07 min Scan# 2037  
Delta R.T. -0.01 min  
Lab File: BF098729.D  
Acq: 23 Sep 2017 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 26.6  | 22.6  | 33.8  |
| 229     | 18.9  | 15.8  | 23.6  |

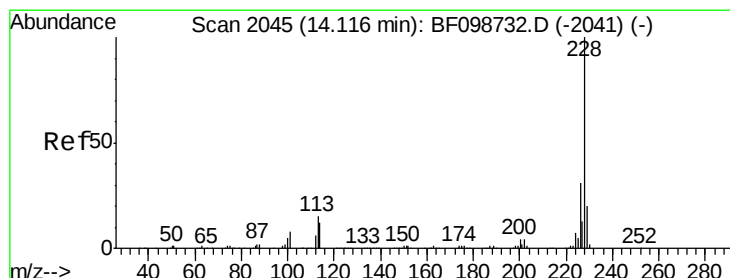
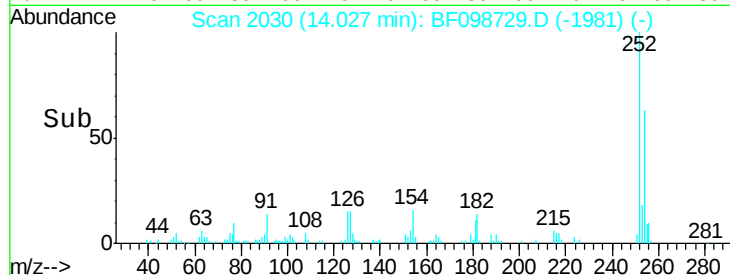
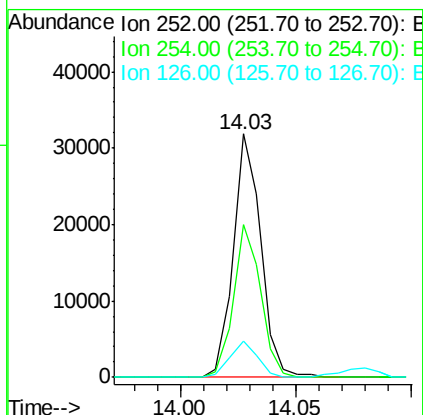
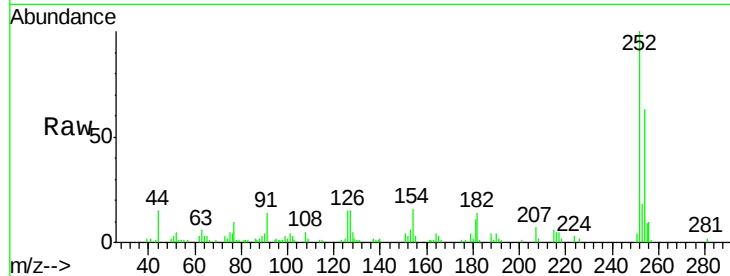




#81  
 3,3'-Dichlorobenzidine  
 Concen: 2.78 ng  
 RT: 14.03 min Scan# 2030  
 Delta R.T. -0.01 min  
 Lab File: BF098729.D  
 Acq: 23 Sep 2017 10:30

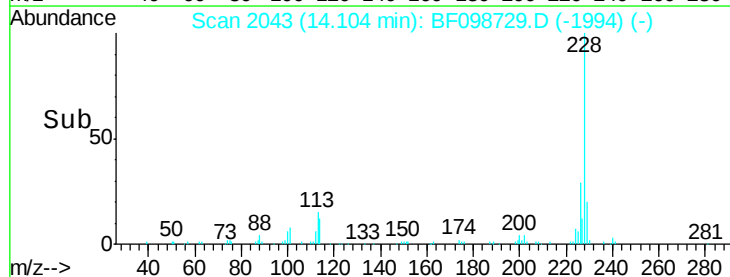
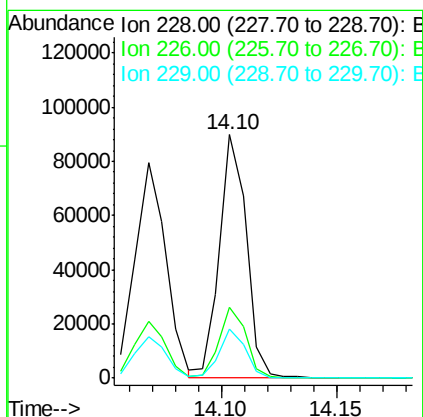
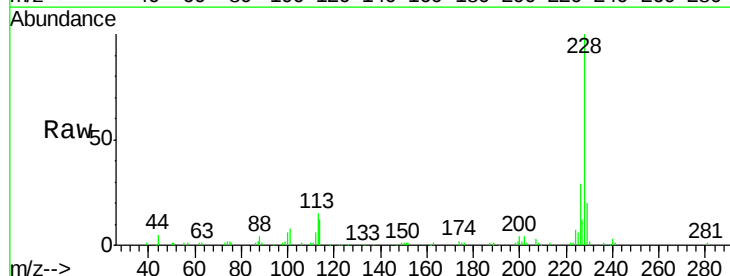
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

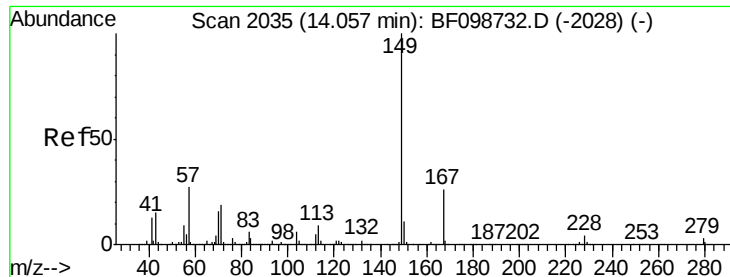
Tgt Ion: 252 Resp: 26491  
 Ion Ratio Lower Upper  
 252 100  
 254 62.8 50.4 75.6  
 126 15.0 11.3 16.9



#82  
 Chrysene  
 Concen: 2.82 ng  
 RT: 14.10 min Scan# 2043  
 Delta R.T. -0.01 min  
 Lab File: BF098729.D  
 Acq: 23 Sep 2017 10:30

Tgt Ion: 228 Resp: 72834  
 Ion Ratio Lower Upper  
 228 100  
 226 28.8 25.0 37.6  
 229 20.2 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.08 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF098729.D

Acq: 23 Sep 2017 10:30

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

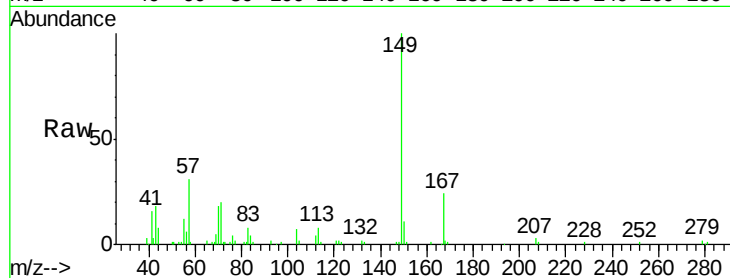
Tgt Ion:149 Resp: 58018

Ion Ratio Lower Upper

149 100

167 23.7 21.3 31.9

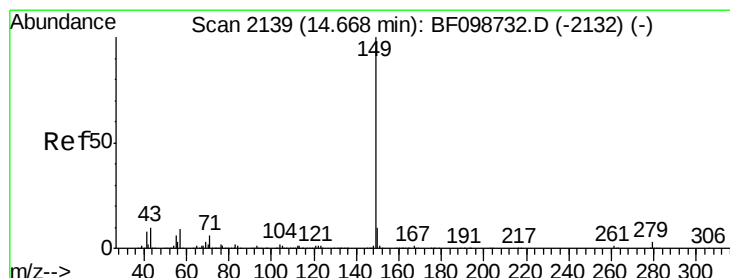
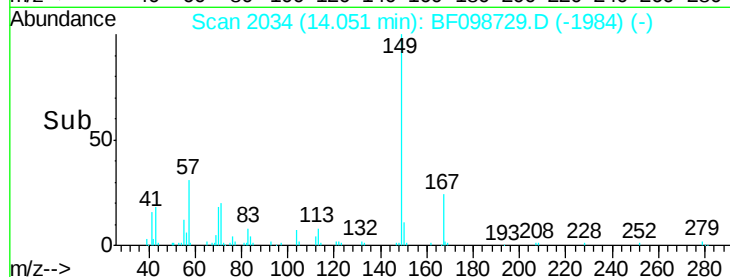
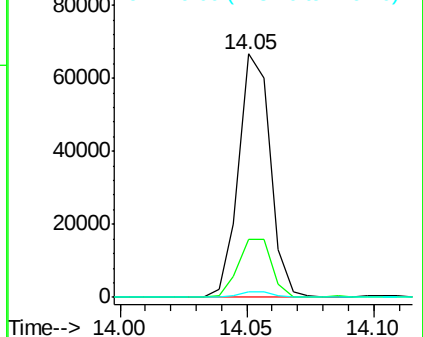
279 2.5 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 3.34 ng

RT: 14.67 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BF098729.D

Acq: 23 Sep 2017 10:30

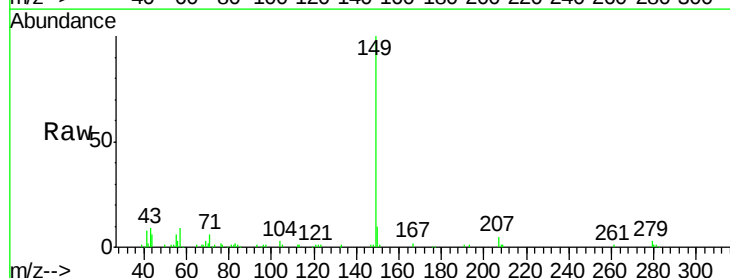
Tgt Ion:149 Resp: 94474

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

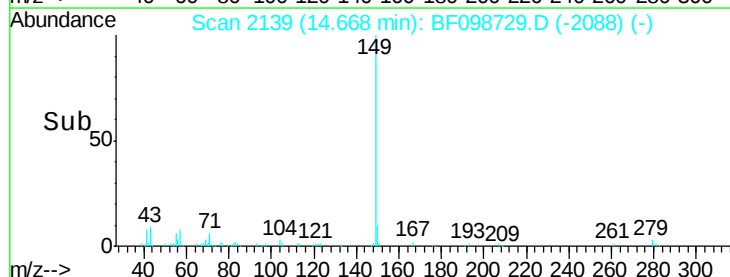
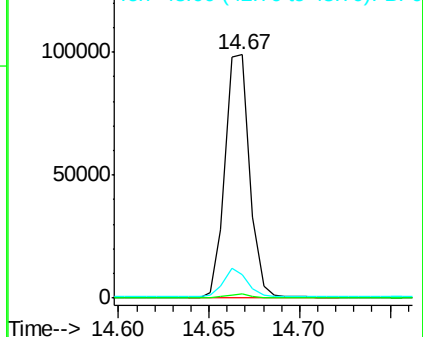
43 11.4 8.4 12.6

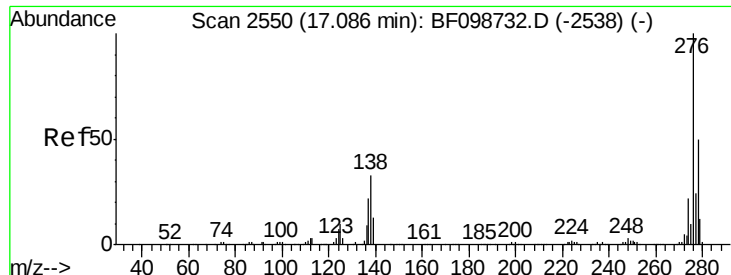


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

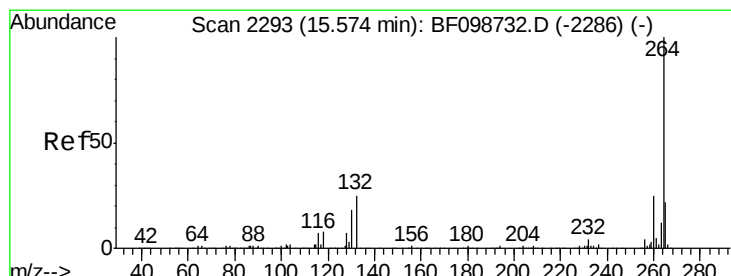
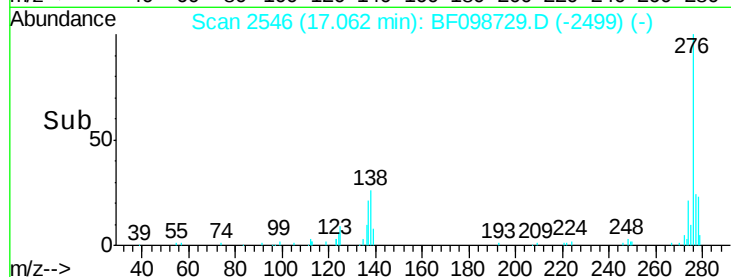
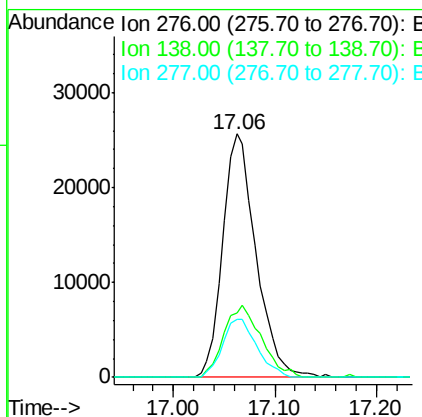
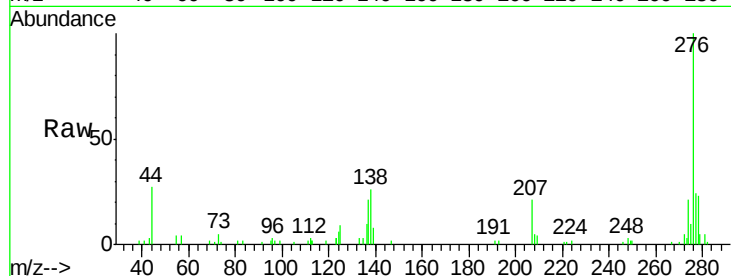




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 2.92 ng  
 RT: 17.06 min Scan# 2546  
 Delta R.T. -0.02 min  
 Lab File: BF098729.D  
 Acq: 23 Sep 2017 10:30

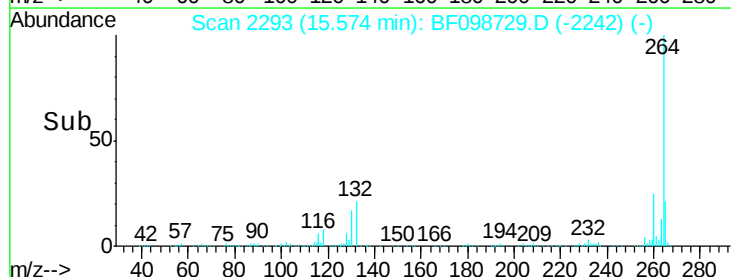
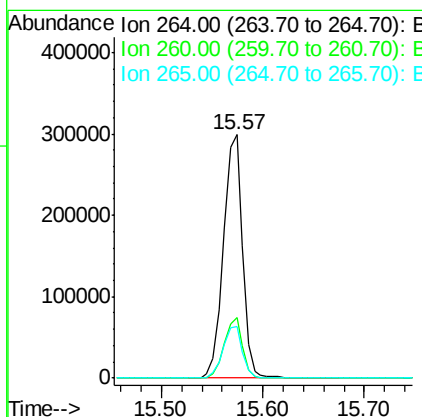
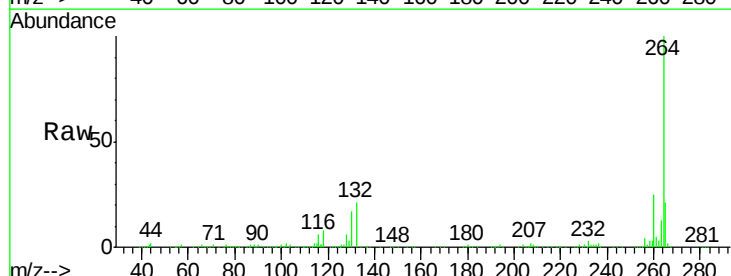
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

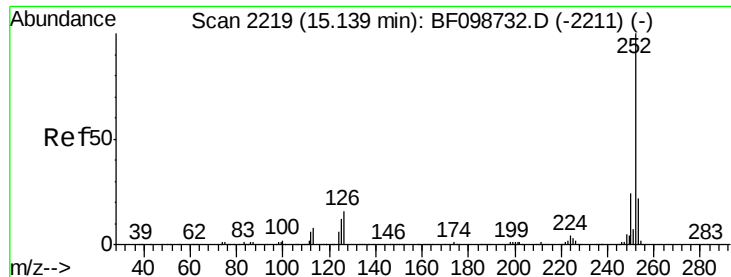
Tgt Ion: 276 Resp: 58409  
 Ion Ratio Lower Upper  
 276 100  
 138 33.4 25.0 37.6  
 277 24.6 20.1 30.1



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.57 min Scan# 2293  
 Delta R.T. -0.00 min  
 Lab File: BF098729.D  
 Acq: 23 Sep 2017 10:30

Tgt Ion: 264 Resp: 390660  
 Ion Ratio Lower Upper  
 264 100  
 260 24.7 19.2 28.8  
 265 21.0 17.5 26.3

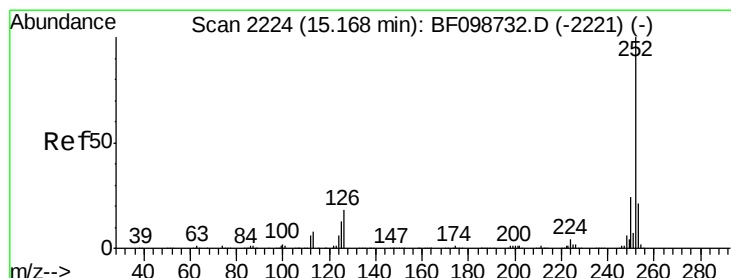
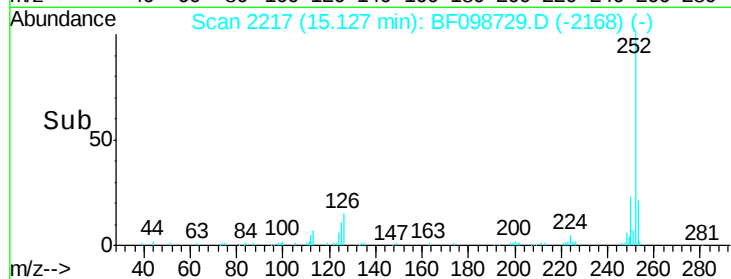
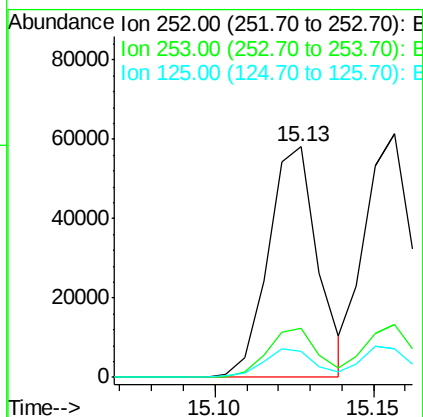
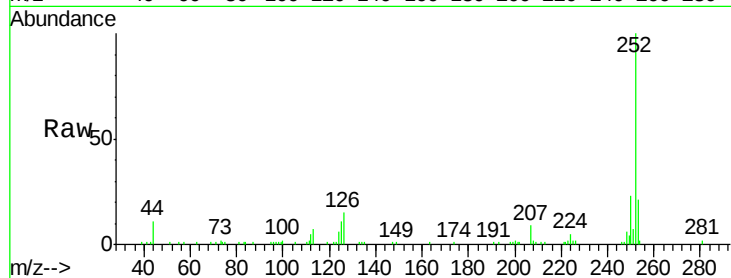




#87  
Benzo(b)fluoranthene  
Concen: 2.78 ng  
RT: 15.13 min Scan# 2217  
Delta R.T. -0.01 min  
Lab File: BF098729.D  
Acq: 23 Sep 2017 10:30

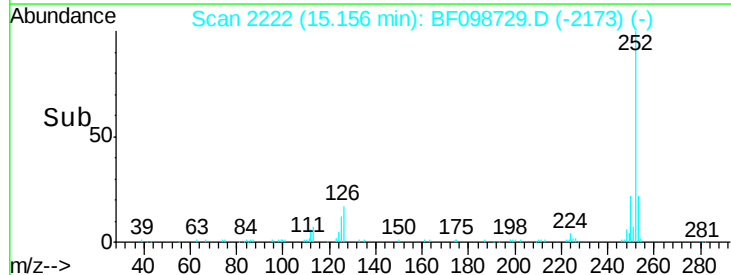
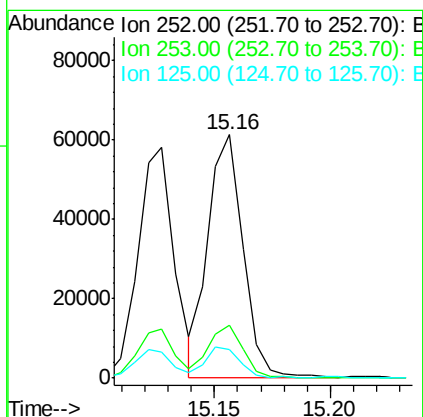
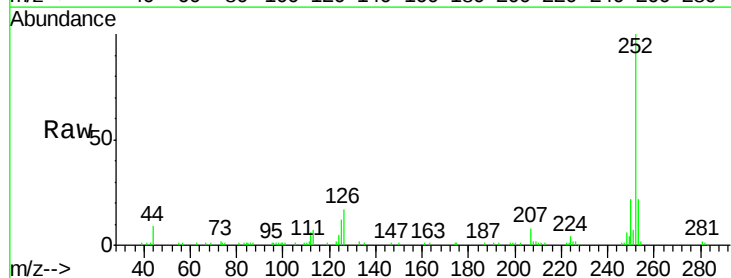
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

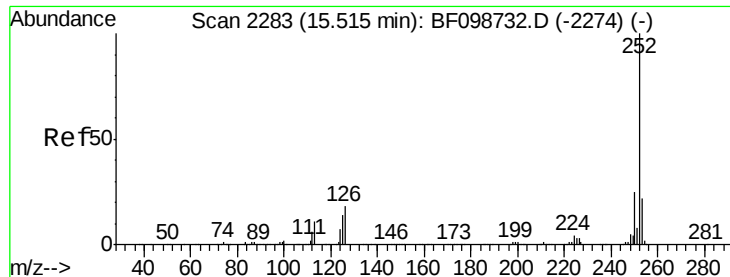
Tgt Ion:252 Resp: 63055  
Ion Ratio Lower Upper  
252 100  
253 21.1 17.0 25.6  
125 11.4 9.0 13.6



#88  
Benzo(k)fluoranthene  
Concen: 2.86 ng  
RT: 15.16 min Scan# 2222  
Delta R.T. -0.01 min  
Lab File: BF098729.D  
Acq: 23 Sep 2017 10:30

Tgt Ion:252 Resp: 64863  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.9 26.9  
125 11.5 10.2 15.2





#89

Benzo(a)pyrene

Concen: 2.87 ng

RT: 15.50 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BF098729.D

Acq: 23 Sep 2017 10:30

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

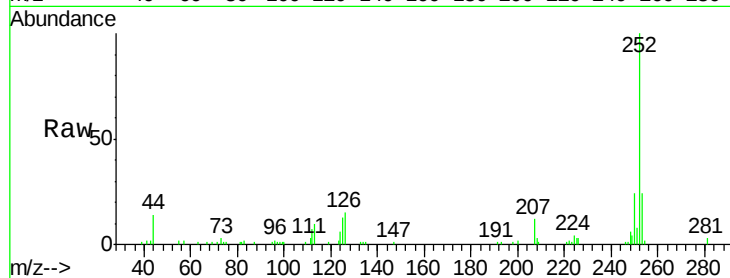
Tgt Ion:252 Resp: 59135

Ion Ratio Lower Upper

252 100

253 23.5 17.1 25.7

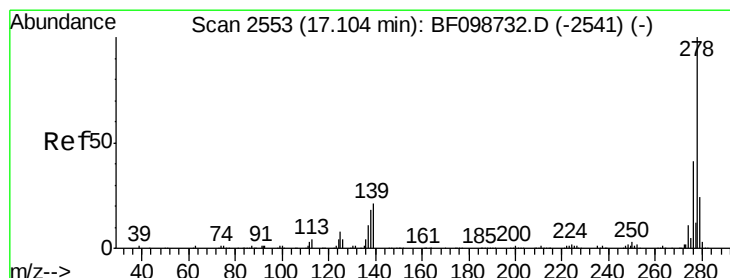
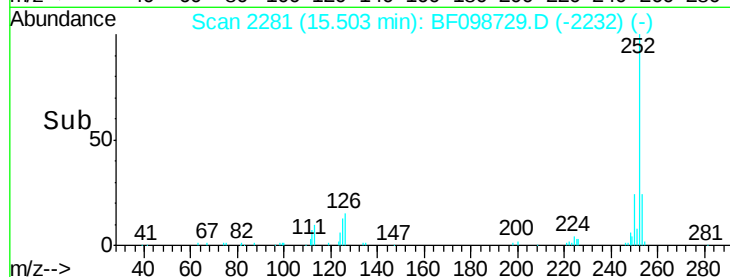
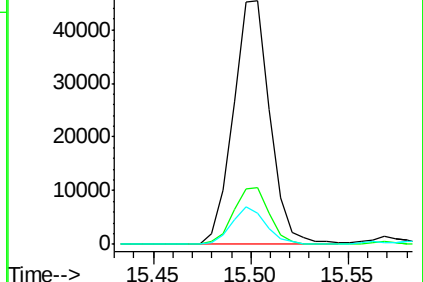
125 13.0 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 2.68 ng

RT: 17.08 min Scan# 2549

Delta R.T. -0.02 min

Lab File: BF098729.D

Acq: 23 Sep 2017 10:30

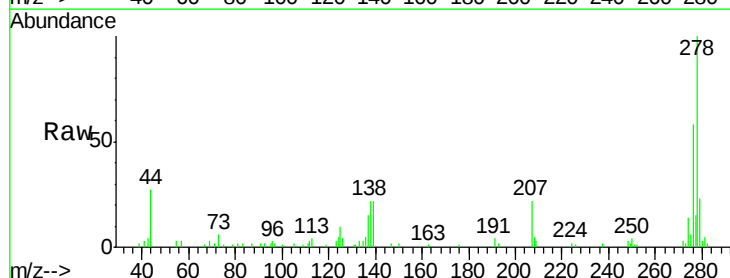
Tgt Ion:278 Resp: 46677

Ion Ratio Lower Upper

278 100

139 22.3 15.9 23.9

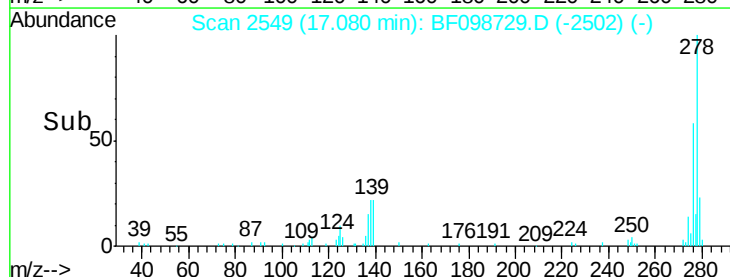
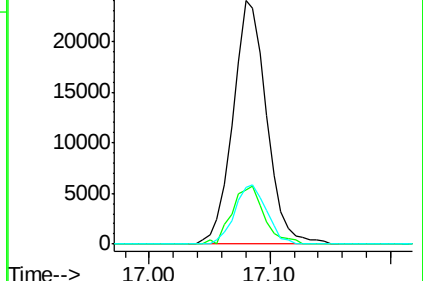
279 23.1 19.0 28.4

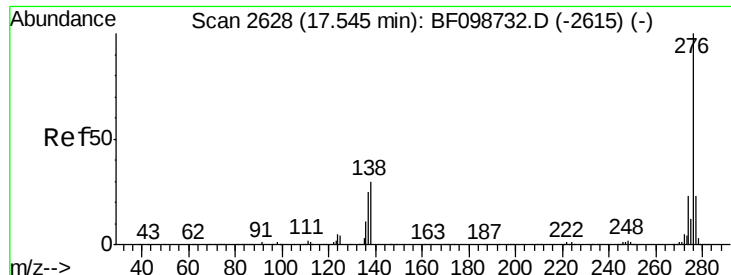


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

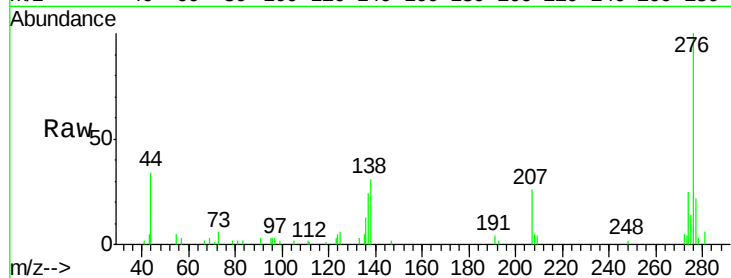




#91  
 Benzo(g,h,i)perylene  
 Concen: 2.58 ng  
 RT: 17.52 min Scan# 2624  
 Delta R.T. -0.02 min  
 Lab File: BF098729.D  
 Acq: 23 Sep 2017 10:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 22.4  | 17.9  | 26.9  |
| 138     | 30.5  | 21.8  | 32.8  |



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

