

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\  
 Data File : BF099755.D  
 Acq On : 23 Oct 2017 12:42  
 Operator : SJ/JU  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICCC040

Quant Time: Oct 23 14:27:35 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 23 14:23:47 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.80  | 152  | 98206    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.09  | 136  | 405407   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.85  | 164  | 188763   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.33 | 188  | 346399   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.99 | 240  | 266296   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.44 | 264  | 245099   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |       |    |      |
|--------------------------|-------|-----|--------|-------|----|------|
| 5) 2-Fluorophenol        | 5.42  | 112 | 515570 | 83.57 | ng | 0.00 |
| 7) Phenol-d6             | 6.45  | 99  | 599258 | 78.74 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.38  | 82  | 500845 | 79.23 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.64 | 330 | 137704 | 89.15 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.16  | 172 | 997458 | 88.22 | ng | 0.00 |
| 78) Terphenyl-d14        | 12.92 | 244 | 958715 | 81.88 | ng | 0.00 |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.54 | 88  | 112000 | 38.006 | ng | # 90   |
| 3) Pyridine                    | 3.30 | 79  | 288593 | 36.201 | ng | 91     |
| 4) n-Nitrosodimethylamine      | 3.27 | 42  | 103866 | 30.725 | ng | # 68   |
| 6) Aniline                     | 6.47 | 93  | 391171 | 38.084 | ng | 99     |
| 8) 2-Chlorophenol              | 6.59 | 128 | 274951 | 39.356 | ng | 94     |
| 9) Benzaldehyde                | 6.36 | 77  | 180518 | 40.892 | ng | 91     |
| 10) Phenol                     | 6.46 | 94  | 334614 | 39.315 | ng | 96     |
| 11) bis(2-Chloroethyl)ether    | 6.55 | 93  | 261432 | 39.511 | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 6.75 | 146 | 302764 | 41.381 | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 6.82 | 146 | 309257 | 41.544 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 6.97 | 146 | 279866 | 40.688 | ng | 98     |
| 15) Benzyl Alcohol             | 6.96 | 79  | 188029 | 33.679 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.08 | 45  | 283593 | 27.510 | ng | 74     |
| 17) 2-Methylphenol             | 7.07 | 107 | 227538 | 39.805 | ng | 99     |
| 18) Hexachloroethane           | 7.31 | 117 | 102533 | 38.320 | ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 7.22 | 70  | 172694 | 35.542 | ng | 92     |
| 20) 3+4-Methylphenols          | 7.22 | 107 | 257439 | 35.599 | ng | # 66   |
| 22) Acetophenone               | 7.22 | 105 | 361033 | 36.756 | ng | # 98   |
| 24) Nitrobenzene               | 7.40 | 77  | 259871 | 36.239 | ng | 93     |
| 25) Isophorone                 | 7.63 | 82  | 459425 | 35.151 | ng | 97     |
| 26) 2-Nitrophenol              | 7.71 | 139 | 153373 | 44.476 | ng | # 87   |
| 27) 2,4-Dimethylphenol         | 7.75 | 122 | 215485 | 33.089 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 7.84 | 93  | 318044 | 39.048 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 7.96 | 162 | 226108 | 40.439 | ng | 95     |
| 30) 1,2,4-Trichlorobenzene     | 8.03 | 180 | 240766 | 43.054 | ng | 97     |
| 31) Naphthalene                | 8.11 | 128 | 780864 | 41.011 | ng | 99     |
| 32) Benzoic acid               | 7.91 | 122 | 186705 | 34.902 | ng | 93     |
| 33) 4-Chloroaniline            | 8.17 | 127 | 328996 | 41.376 | ng | # 94   |
| 34) Hexachlorobutadiene        | 8.22 | 225 | 120883 | 41.967 | ng | 99     |
| 35) Caprolactam                | 8.56 | 113 | 71651  | 39.949 | ng | # 77   |
| 36) 4-Chloro-3-methylphenol    | 8.66 | 107 | 228223 | 36.315 | ng | 92     |
| 37) 2-Methylnaphthalene        | 8.80 | 142 | 517237 | 41.787 | ng | 96     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.97 | 216 | 243352 | 43.228 | ng | 97     |
| 40) Hexachlorocyclopentadiene  | 8.95 | 237 | 36490  | 14.184 | ng | 95     |

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 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

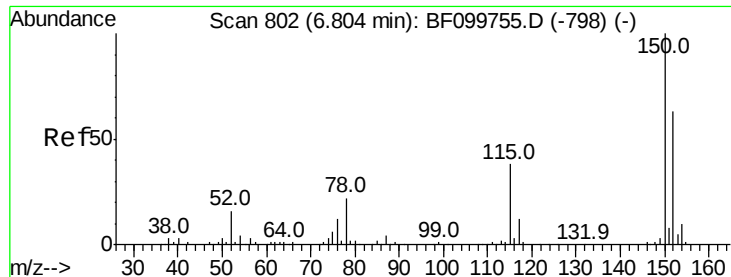
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICCC040

Quant Time: Oct 23 14:27:35 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 23 14:23:47 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.09  | 196  | 146608   | 36.762 | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 9.13  | 196  | 163471   | 41.062 | nq    | 93       |
| 45) 1,1'-Biphenyl              | 9.27  | 154  | 675180   | 41.619 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 9.29  | 162  | 496842   | 40.790 | nq    | 96       |
| 47) 2-Nitroaniline             | 9.40  | 65   | 133615   | 35.825 | nq    | 92       |
| 48) Acenaphthylene             | 9.71  | 152  | 756129   | 40.551 | nq    | 100      |
| 49) Dimethylphthalate          | 9.57  | 163  | 598378   | 42.001 | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.64  | 165  | 128737   | 41.506 | nq    | 88       |
| 51) Acenaphthene               | 9.88  | 154  | 459135   | 38.871 | nq    | 100      |
| 52) 3-Nitroaniline             | 9.82  | 138  | 150283   | 41.555 | nq    | # 89     |
| 53) 2,4-Dinitrophenol          | 9.93  | 184  | 45370    | 32.412 | nq    | # 81     |
| 54) Dibenzofuran               | 10.05 | 168  | 645837   | 41.066 | nq    | 99       |
| 55) 4-Nitrophenol              | 9.99  | 139  | 82068    | 26.837 | nq    | # 80     |
| 56) 2,4-Dinitrotoluene         | 10.05 | 165  | 152800   | 37.960 | nq    | 95       |
| 57) Fluorene                   | 10.40 | 166  | 537197   | 42.498 | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.17 | 232  | 112508   | 40.910 | nq    | 96       |
| 59) Diethylphthalate           | 10.26 | 149  | 579987   | 41.662 | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.38 | 204  | 251534   | 44.299 | nq    | 96       |
| 61) 4-Nitroaniline             | 10.43 | 138  | 145412   | 41.676 | nq    | 86       |
| 62) Azobenzene                 | 10.55 | 77   | 495586   | 38.717 | nq    | 92       |
| 64) 4,6-Dinitro-2-methylphenol | 10.46 | 198  | 90448    | 42.916 | nq    | 84       |
| 65) n-Nitrosodiphenylamine     | 10.51 | 169  | 500657   | 41.720 | nq    | 100      |
| 66) 4-Bromophenyl-phenylether  | 10.87 | 248  | 143586   | 42.347 | nq    | 91       |
| 67) Hexachlorobenzene          | 10.95 | 284  | 148182   | 40.919 | nq    | 93       |
| 68) Atrazine                   | 11.03 | 200  | 155571   | 43.088 | nq    | 99       |
| 69) Pentachlorophenol          | 11.15 | 266  | 63317    | 28.093 | nq    | 98       |
| 70) Phenanthrene               | 11.36 | 178  | 765789   | 41.301 | nq    | 98       |
| 71) Anthracene                 | 11.41 | 178  | 773578   | 40.775 | nq    | 100      |
| 72) Carbazole                  | 11.57 | 167  | 735662   | 39.597 | nq    | 98       |
| 73) Di-n-butylphthalate        | 11.89 | 149  | 948011   | 42.393 | nq    | 99       |
| 74) Fluoranthene               | 12.55 | 202  | 799430   | 42.578 | nq    | 99       |
| 76) Benzidine                  | 12.67 | 184  | 457181   | 46.417 | nq    | 97       |
| 77) Pyrene                     | 12.78 | 202  | 816833   | 40.226 | nq    | 99       |
| 79) Butylbenzylphthalate       | 13.39 | 149  | 412378   | 43.211 | nq    | 93       |
| 80) Benzo(a)anthracene         | 13.97 | 228  | 684441   | 42.446 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.93 | 252  | 250536   | 42.383 | nq    | 97       |
| 82) Chrysene                   | 14.01 | 228  | 641676   | 41.799 | nq    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 13.94 | 149  | 554836   | 42.223 | nq    | # 99     |
| 84) Di-n-octyl phthalate       | 14.55 | 149  | 987072   | 46.649 | nq    | # 93     |
| 85) Indeno(1,2,3-cd)pyrene     | 16.93 | 276  | 558463   | 45.476 | nq    | 97       |
| 87) Benzo(b)fluoranthene       | 15.02 | 252  | 591155   | 39.228 | nq    | 97       |
| 88) Benzo(k)fluoranthene       | 15.05 | 252  | 615275   | 41.337 | nq    | 99       |
| 89) Benzo(a)pyrene             | 15.39 | 252  | 558834   | 40.399 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 16.93 | 278  | 479180   | 43.285 | nq    | 98       |
| 91) Benzo(g,h,i)perylene       | 17.37 | 276  | 470717   | 43.016 | nq    | 95       |

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



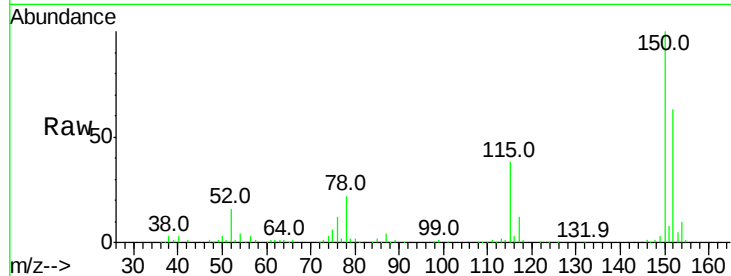


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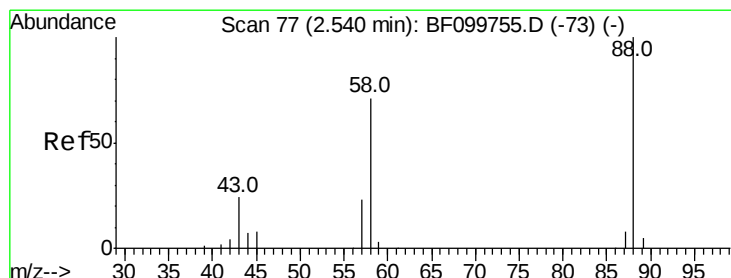
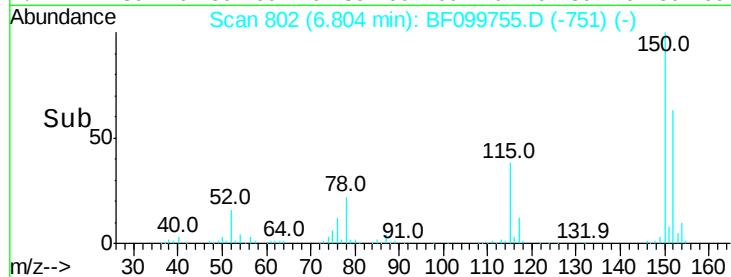
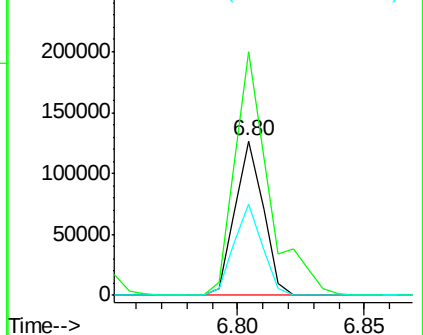
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.80 min Scan# 802  
Delta R.T. 0.00 min  
Lab File: BF099755.D  
Acq: 23 Oct 2017 12:42

Instrument :  
BNA\_F  
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SSTDICCC040

Tot Ion:152 Resp: 98206  
Ion Ratio Lower Upper  
152 100  
150 158.0 124.6 186.8  
115 59.6 50.1 75.1



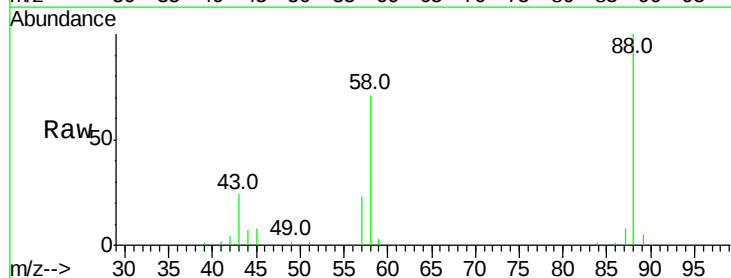
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



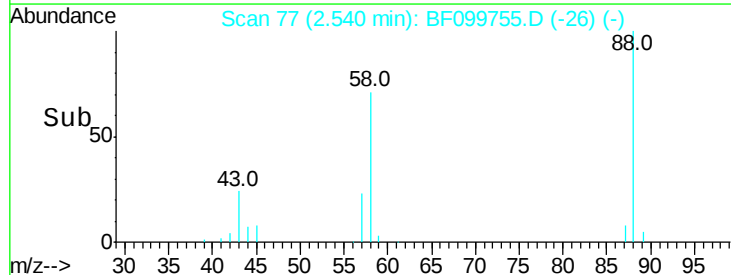
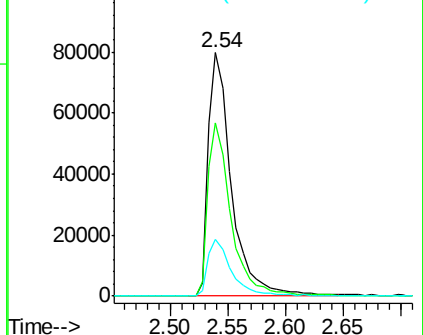
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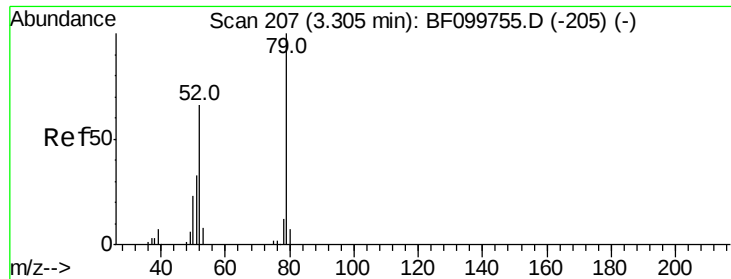
1,4-Dioxane  
Concen: 38.006 ng  
RT: 2.54 min Scan# 77  
Delta R.T. 0.00 min  
Lab File: BF099755.D  
Acq: 23 Oct 2017 12:42

Tgt Ion: 88 Resp: 112000  
Ion Ratio Lower Upper  
88 100  
58 70.4 62.6 93.8  
43 24.2 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

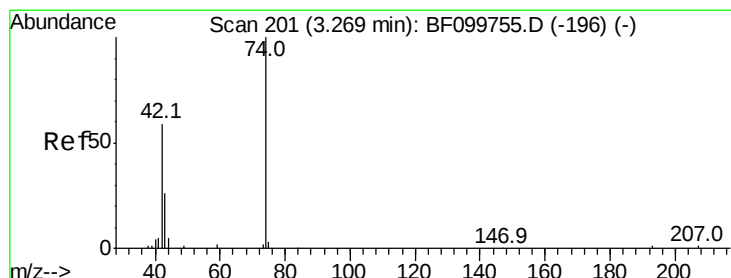
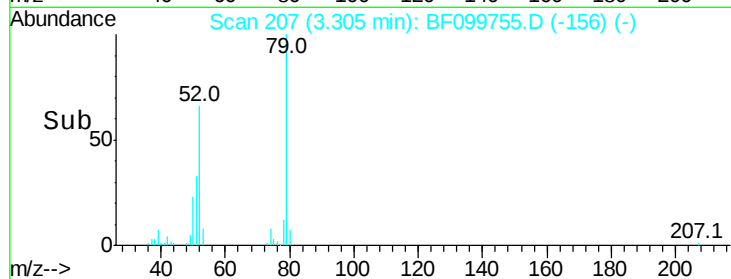
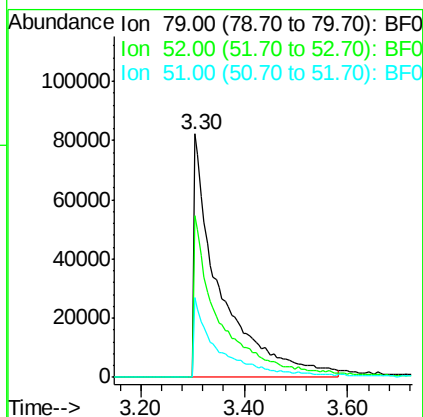
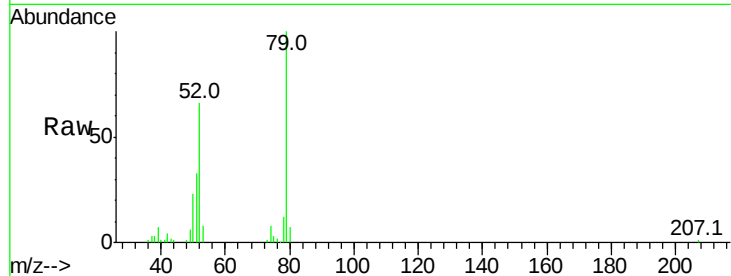




#3  
 Pvridine  
 Concen: 36.201 ng  
 RT: 3.30 min Scan# 207  
 Delta R.T. 0.00 min  
 Lab File: BF099755.D  
 Acq: 23 Oct 2017 12:42

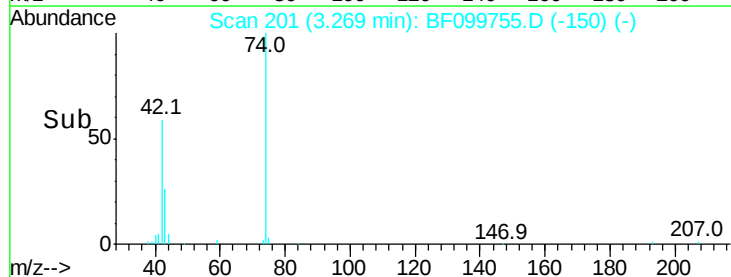
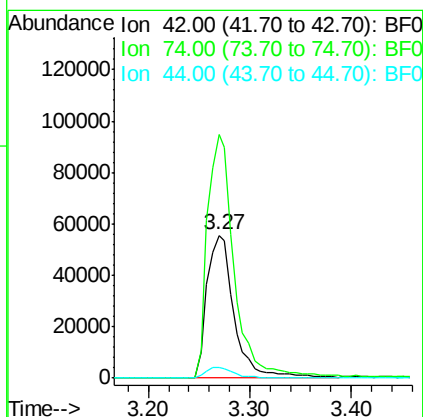
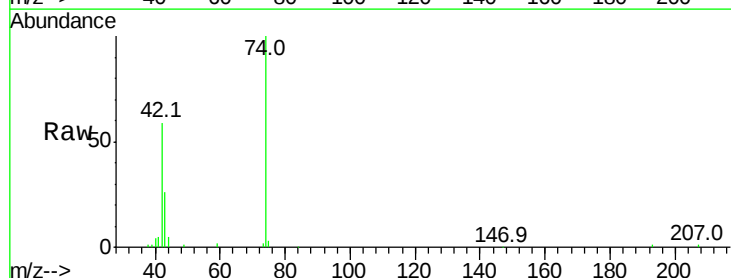
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

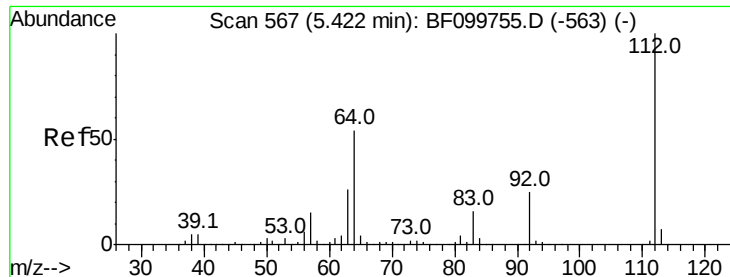
Tot Ion: 79 Resp: 288593  
 Ion Ratio Lower Upper  
 79 100  
 52 66.2 59.8 89.6  
 51 32.7 29.8 44.8



#4  
 n-Nitrosodimethylamine  
 Concen: 30.725 ng  
 RT: 3.27 min Scan# 201  
 Delta R.T. 0.00 min  
 Lab File: BF099755.D  
 Acq: 23 Oct 2017 12:42

Tgt Ion: 42 Resp: 103866  
 Ion Ratio Lower Upper  
 42 100  
 74 170.6 104.9 157.3#  
 44 7.8 6.9 10.3





#5

2-Fluorophenol

Concen: 83.573 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF099755.D

Acq: 23 Oct 2017 12:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

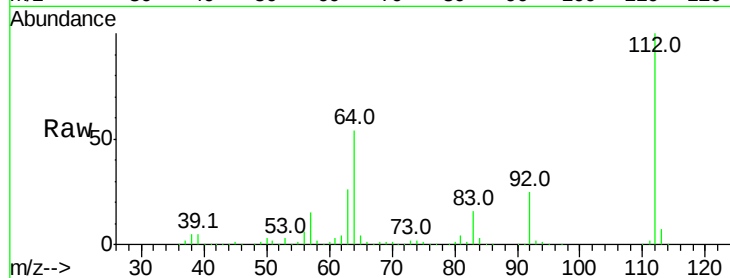
Tot Ion: 112 Resp: 515570

Ion Ratio Lower Upper

112 100

64 53.8 47.9 71.9

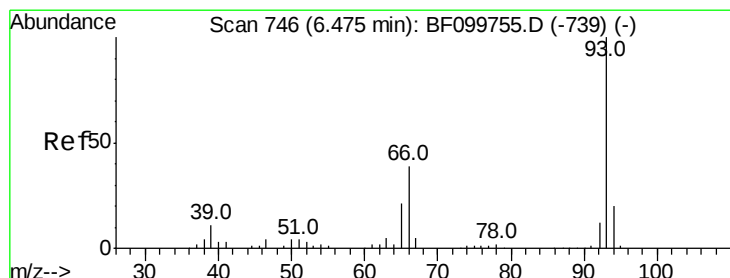
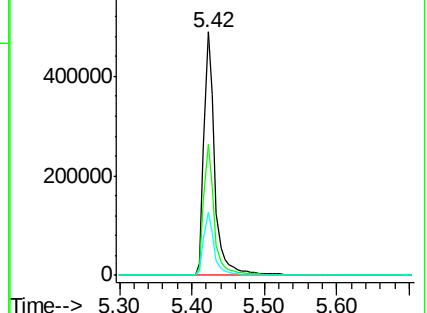
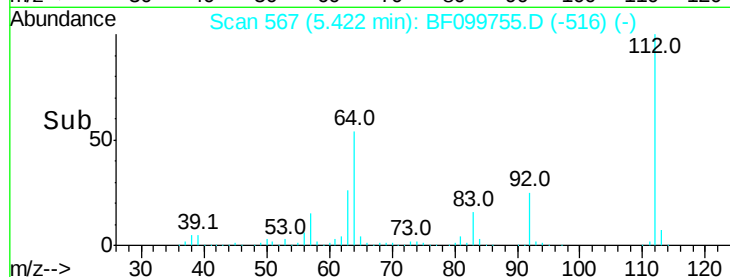
63 25.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.084 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF099755.D

Acq: 23 Oct 2017 12:42

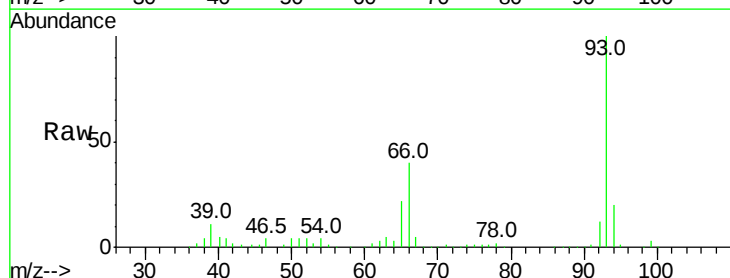
Tgt Ion: 93 Resp: 391171

Ion Ratio Lower Upper

93 100

66 40.3 32.2 48.2

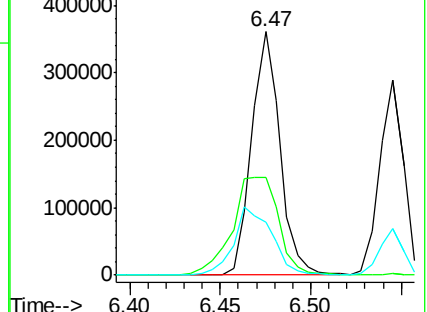
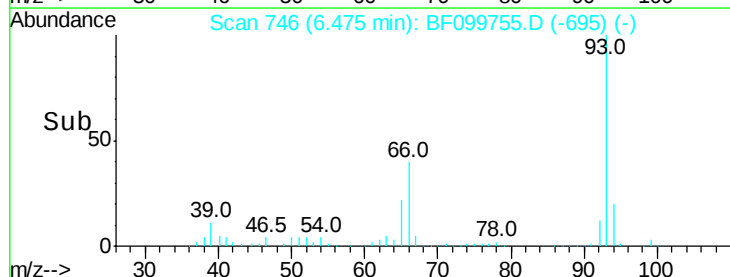
65 21.5 16.4 24.6

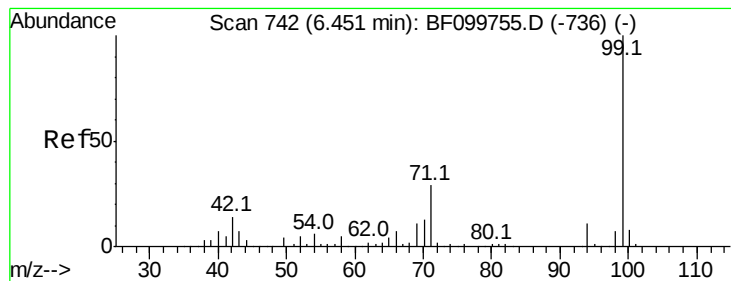


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.743 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF099755.D

Acq: 23 Oct 2017 12:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

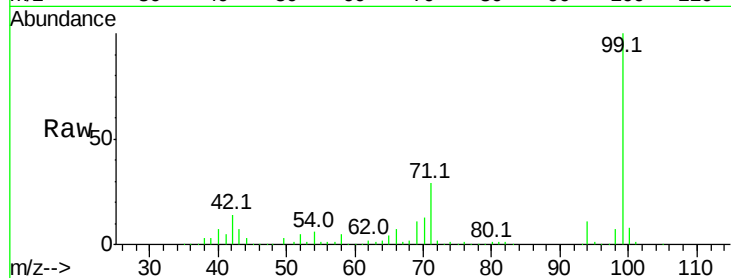
Tot Ion: 99 Resp: 599258

Ion Ratio Lower Upper

99 100

42 14.4 14.5 21.7#

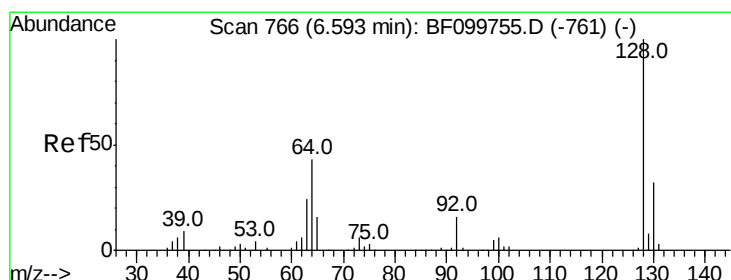
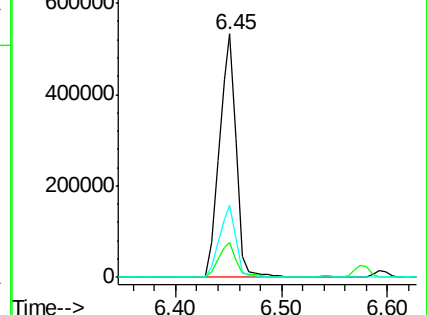
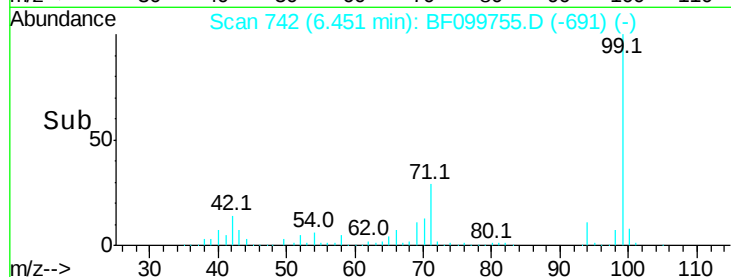
71 29.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.356 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF099755.D

Acq: 23 Oct 2017 12:42

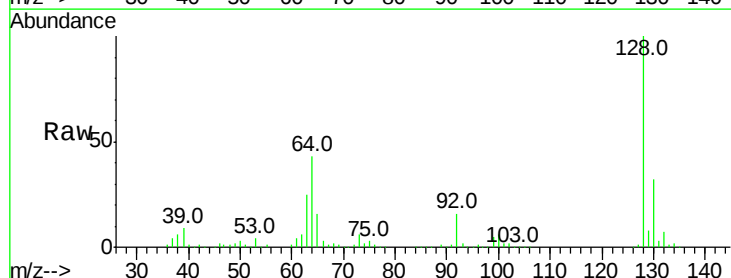
Tgt Ion: 128 Resp: 274951

Ion Ratio Lower Upper

128 100

130 31.6 13.0 53.0

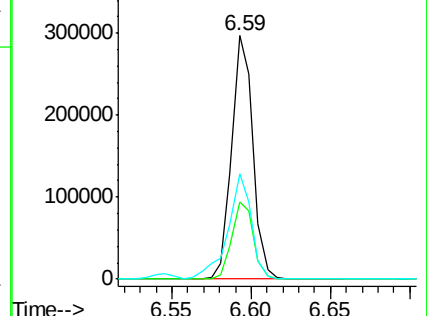
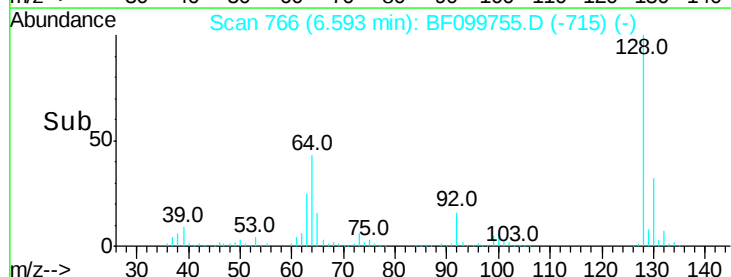
64 43.4 29.4 69.4

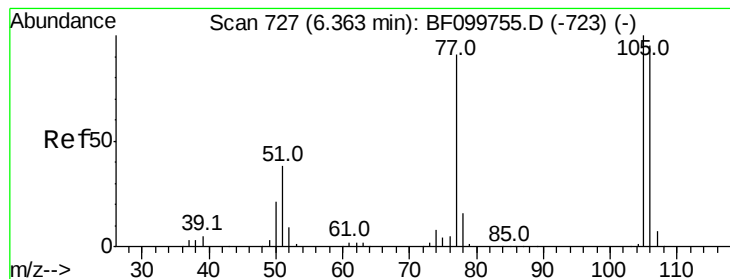


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 40.892 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF099755.D

Acq: 23 Oct 2017 12:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

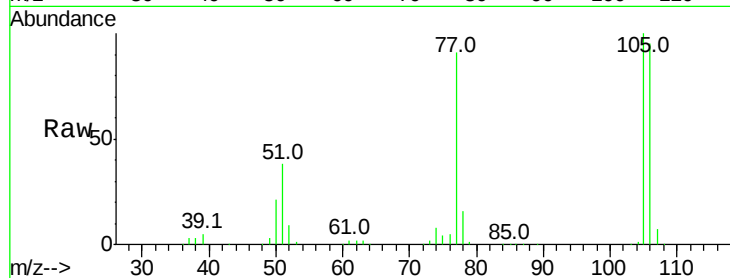
Tot Ion: 77 Resp: 180518

Ion Ratio Lower Upper

77 100

105 109.6 81.1 121.1

106 104.2 74.5 114.5



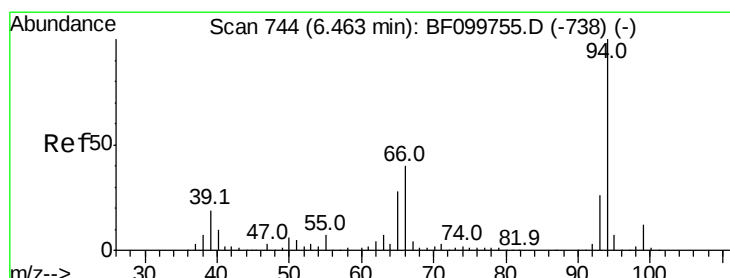
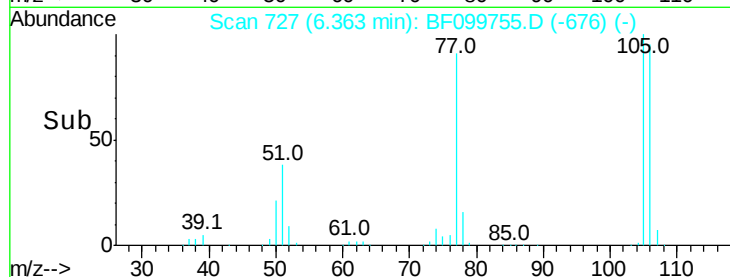
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

6.36

Time-->



#10

Phenol

Concen: 39.315 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF099755.D

Acq: 23 Oct 2017 12:42

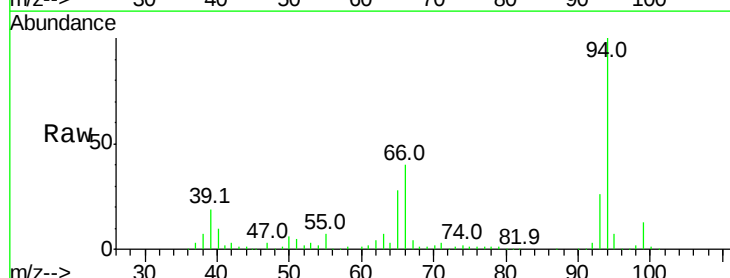
Tgt Ion: 94 Resp: 334614

Ion Ratio Lower Upper

94 100

65 28.3 7.9 47.9

66 40.2 16.2 56.2



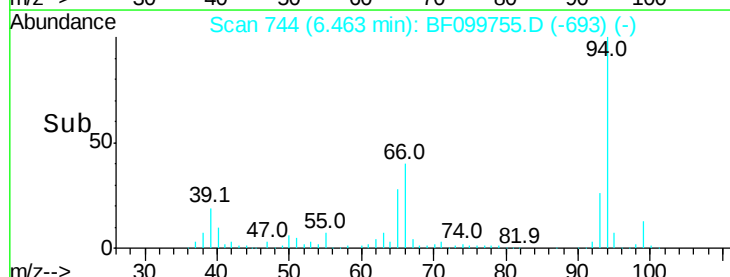
Abundance Ion 94.00 (93.70 to 94.70): BF0

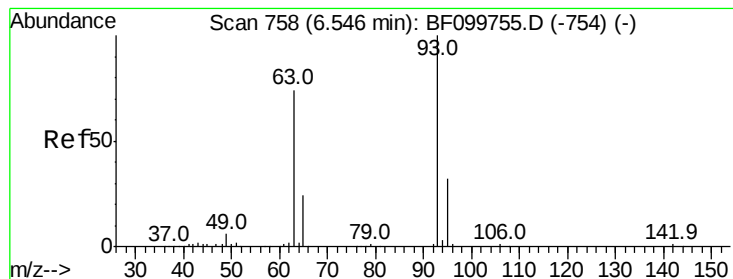
Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

6.46

Time-->





#11

bis(2-Chloroethyl)ether

Concen: 39.511 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF099755.D

Acq: 23 Oct 2017 12:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

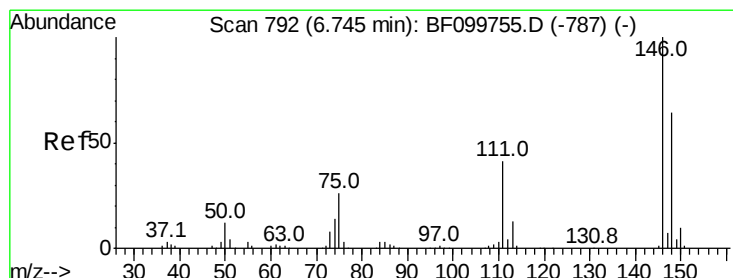
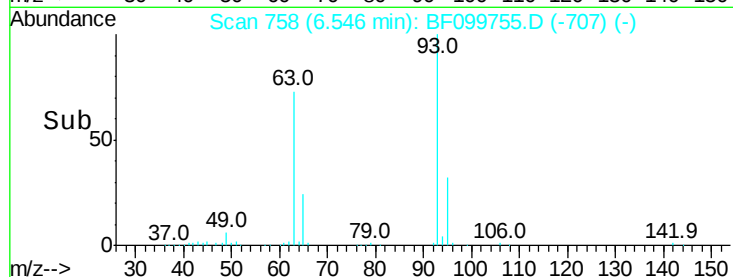
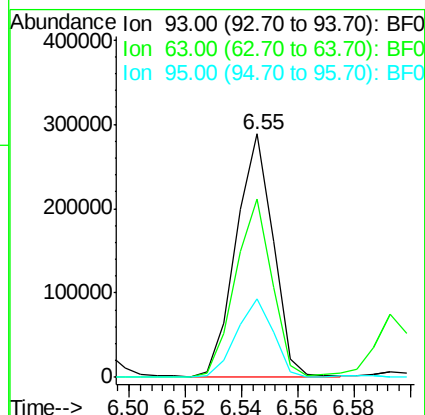
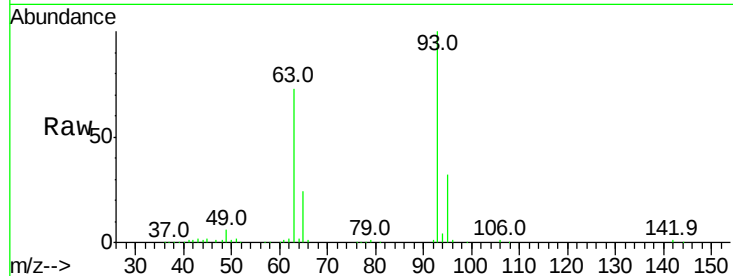
Tot Ion: 93 Resp: 261432

Ion Ratio Lower Upper

93 100

63 73.5 58.6 98.6

95 32.2 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 41.381 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF099755.D

Acq: 23 Oct 2017 12:42

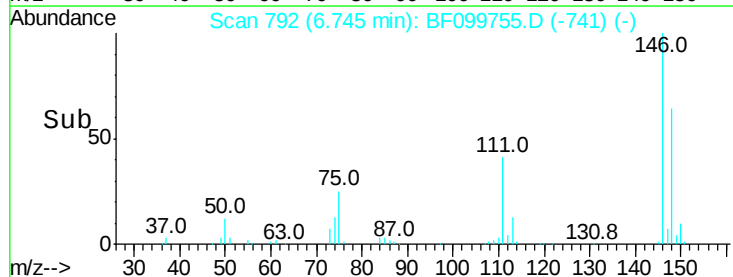
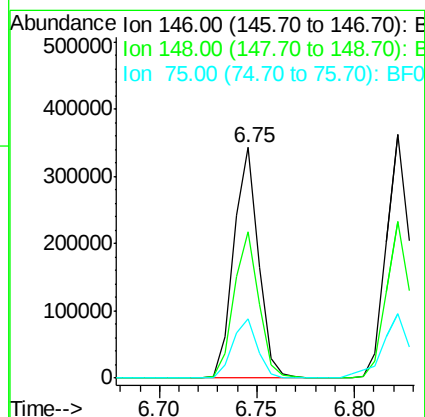
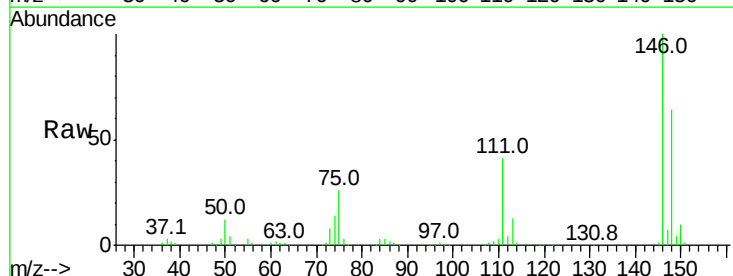
Tgt Ion: 146 Resp: 302764

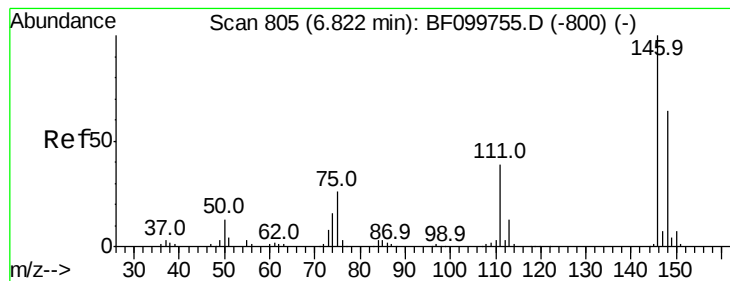
Ion Ratio Lower Upper

146 100

148 63.5 51.8 77.8

75 25.5 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 41.544 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF099755.D

Acq: 23 Oct 2017 12:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

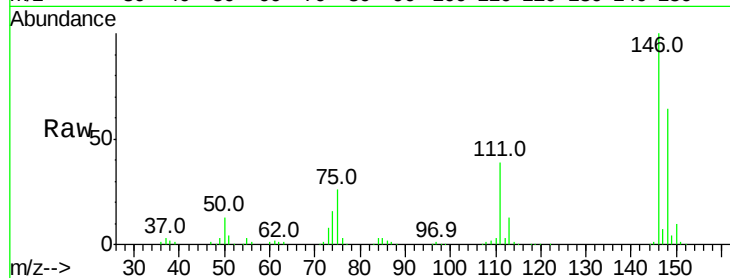
Tot Ion:146 Resp: 309257

Ion Ratio Lower Upper

146 100

148 64.1 50.8 76.2

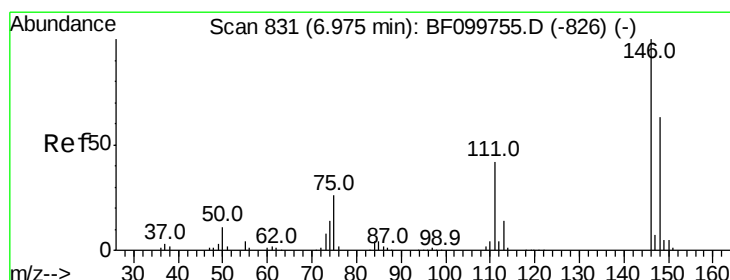
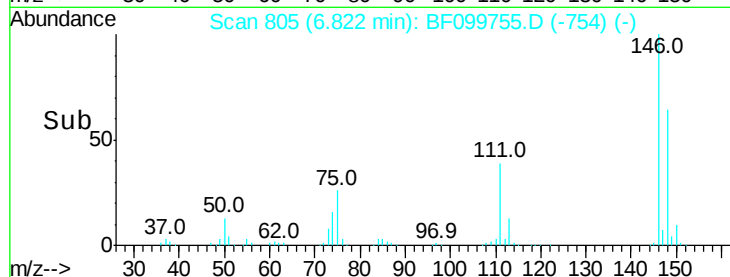
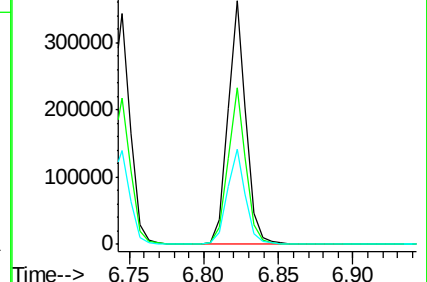
111 39.3 34.2 51.2



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: 40.688 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF099755.D

Acq: 23 Oct 2017 12:42

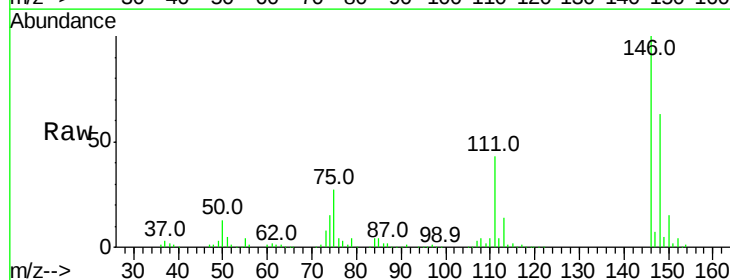
Tgt Ion:146 Resp: 279866

Ion Ratio Lower Upper

146 100

148 62.7 50.6 75.8

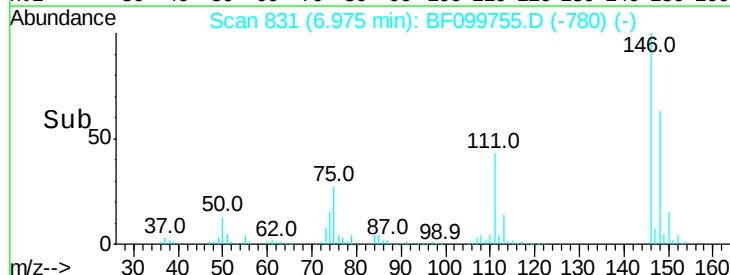
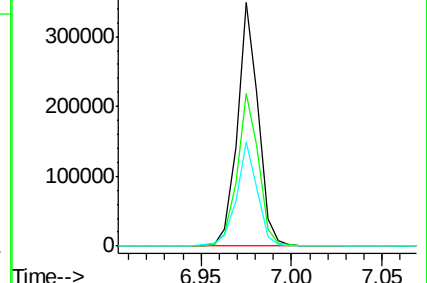
111 42.6 36.0 54.0

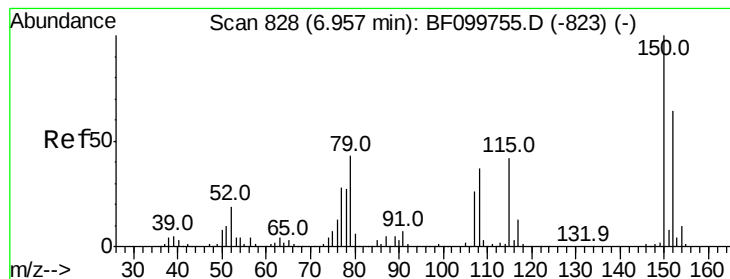


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 33.679 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF099755.D

Acq: 23 Oct 2017 12:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

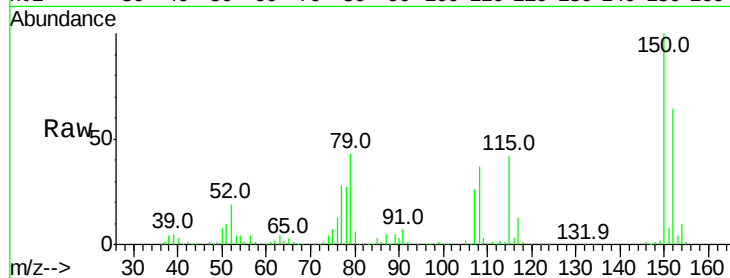
Tot Ion: 79 Resp: 188029

Ion Ratio Lower Upper

79 100

108 85.7 65.1 97.7

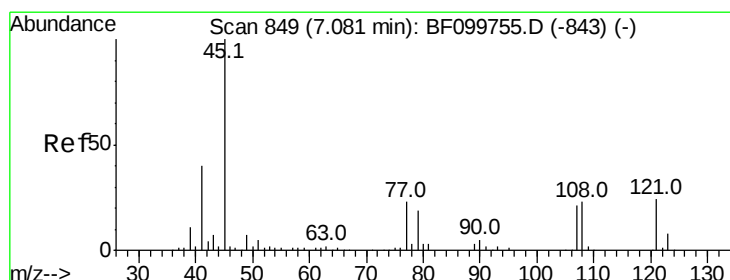
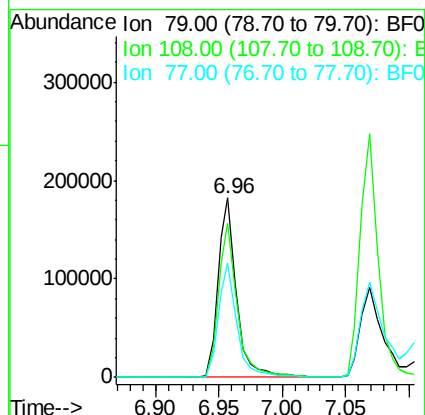
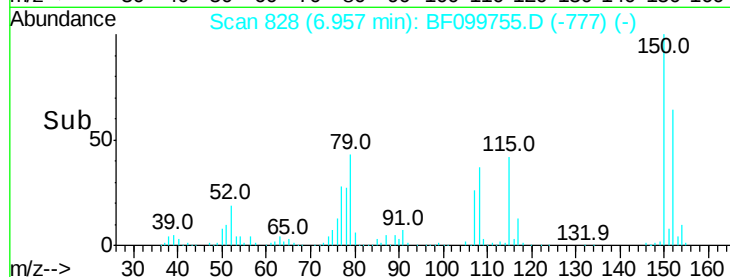
77 63.7 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 27.510 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF099755.D

Acq: 23 Oct 2017 12:42

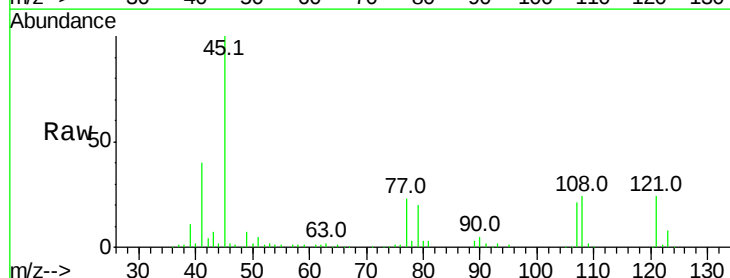
Tgt Ion: 45 Resp: 283593

Ion Ratio Lower Upper

45 100

77 23.0 0.0 32.9

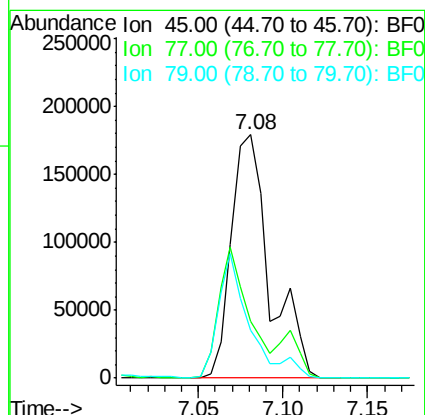
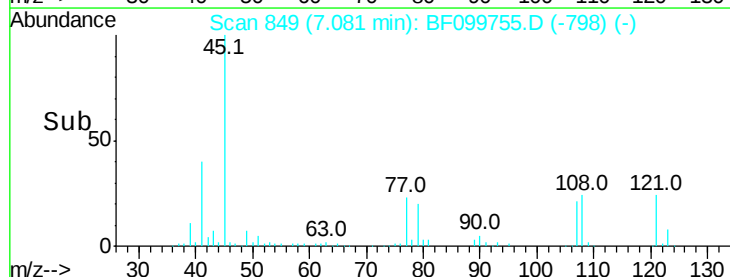
79 19.7 0.0 29.6

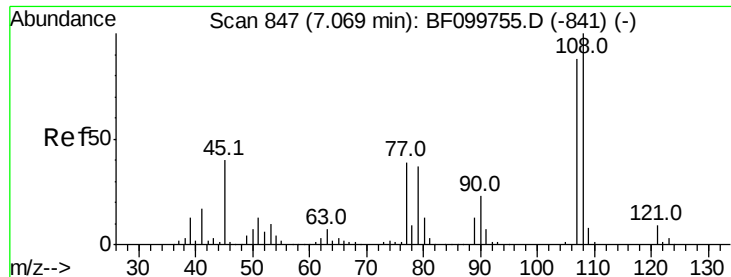


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

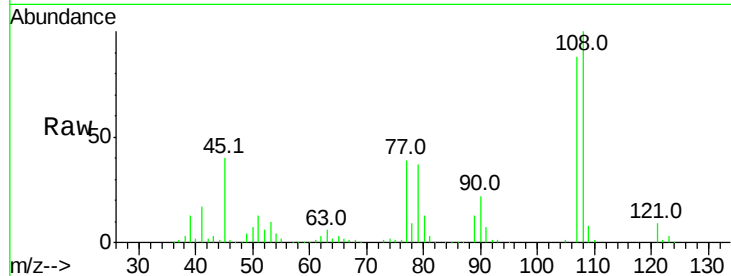




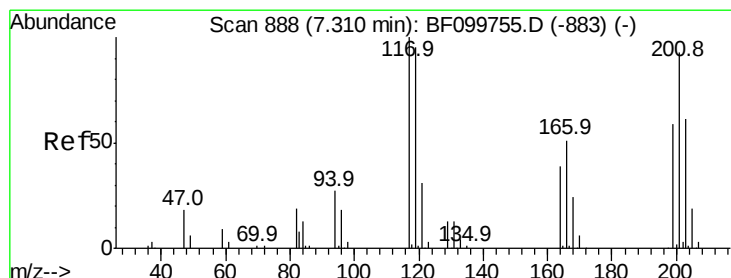
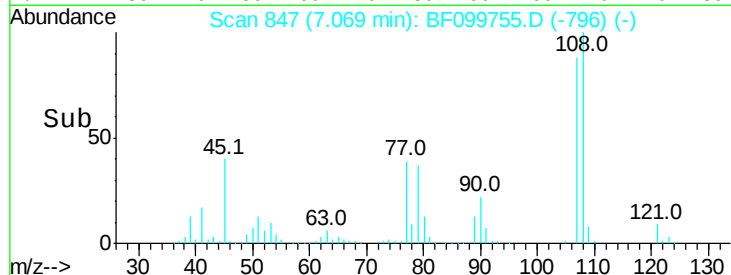
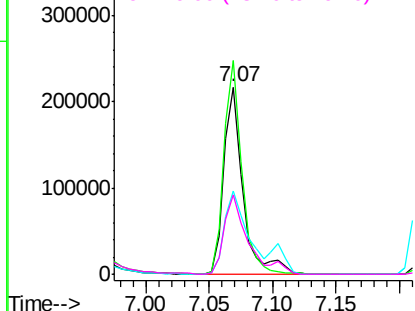
#17  
2-Methylphenol  
Concen: 39.805 ng  
RT: 7.07 min Scan# 847  
Delta R.T. 0.00 min  
Lab File: BF099755.D  
Acq: 23 Oct 2017 12:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

Tot Ion:107 Resp: 227538  
Ion Ratio Lower Upper  
107 100  
108 113.9 91.7 137.5  
77 44.2 33.8 50.8  
79 42.4 33.8 50.8

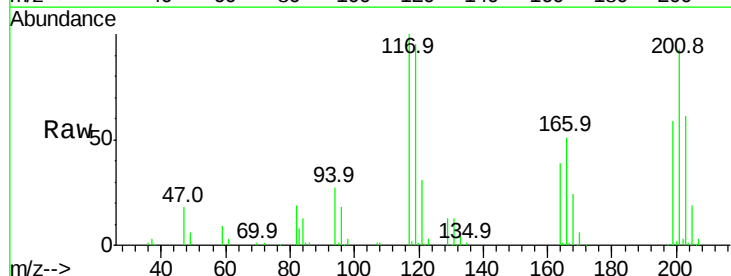


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0

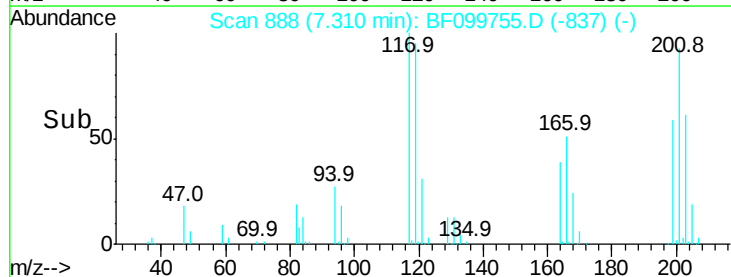
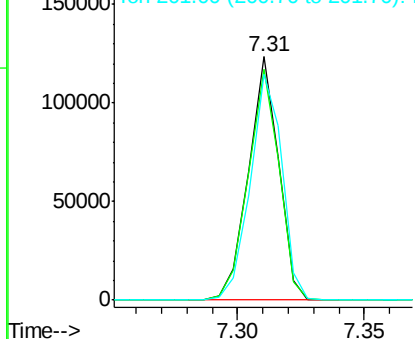


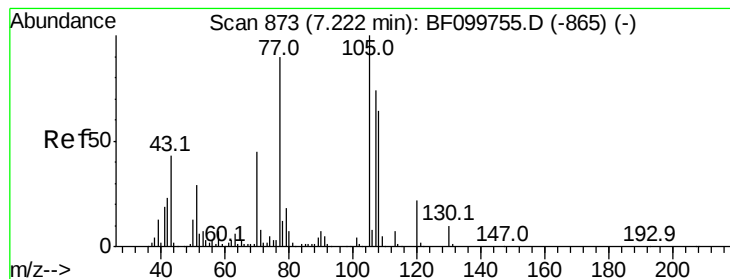
#18  
Hexachloroethane  
Concen: 38.320 ng  
RT: 7.31 min Scan# 888  
Delta R.T. 0.00 min  
Lab File: BF099755.D  
Acq: 23 Oct 2017 12:42

Tgt Ion:117 Resp: 102533  
Ion Ratio Lower Upper  
117 100  
119 95.0 75.8 113.8  
201 92.6 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: 35.542 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF099755.D

Acq: 23 Oct 2017 12:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tot Ion: 70 Resp: 172694

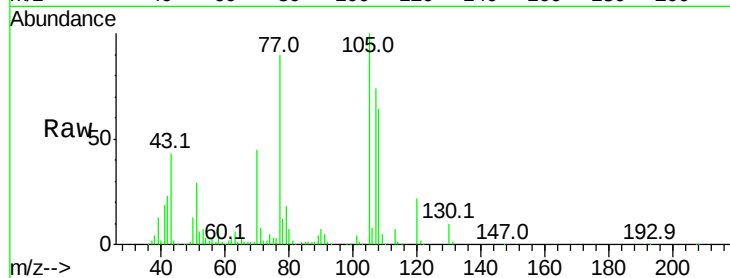
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 51.7  | 47.5  | 71.3  |
| 101 | 9.8   | 7.4   | 11.2  |
| 130 | 22.7  | 16.6  | 25.0  |

70 100

42 51.7 47.5 71.3

101 9.8 7.4 11.2

130 22.7 16.6 25.0



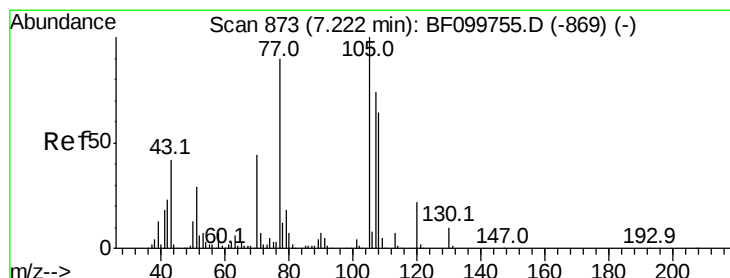
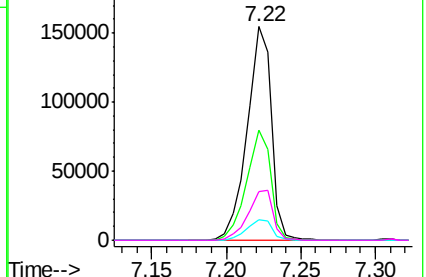
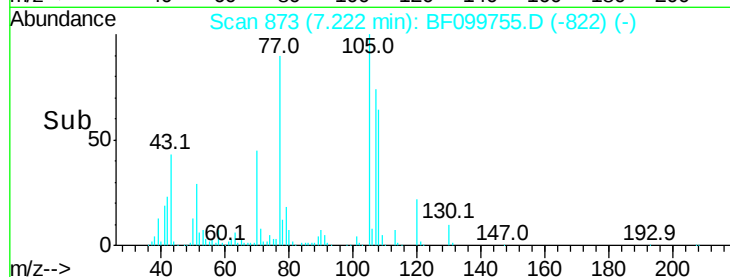
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

Time-->



#20

3+4-Methylphenols

Concen: 35.599 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF099755.D

Acq: 23 Oct 2017 12:42

Tgt Ion:107 Resp: 257439

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 86.0  | 68.2  | 108.2 |
| 77  | 121.4 | 26.7  | 66.7# |
| 79  | 24.2  | 6.3   | 46.3  |

107 100

108 86.0 68.2 108.2

77 121.4 26.7 66.7#

79 24.2 6.3 46.3

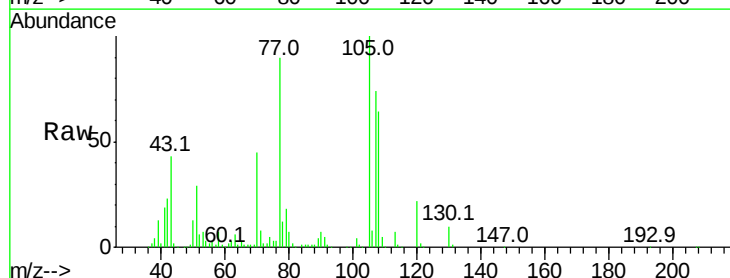
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->



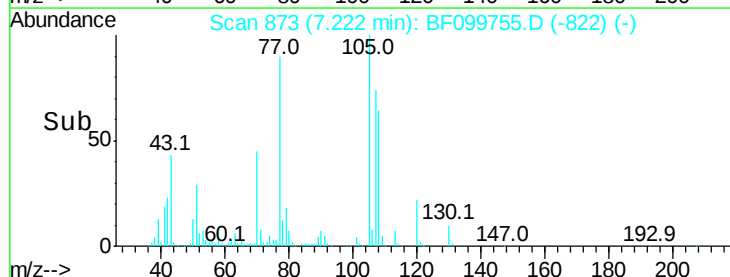
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->



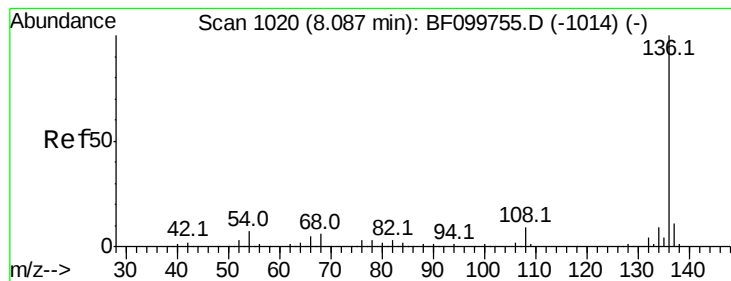
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF099755.D

Acq: 23 Oct 2017 12:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tot Ion:136 Resp: 405407

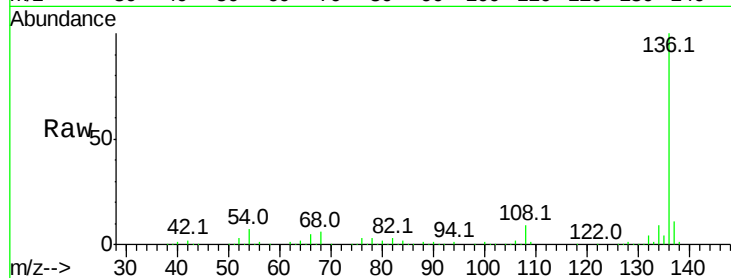
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.8 6.6 9.8

68 5.8 5.0 7.4

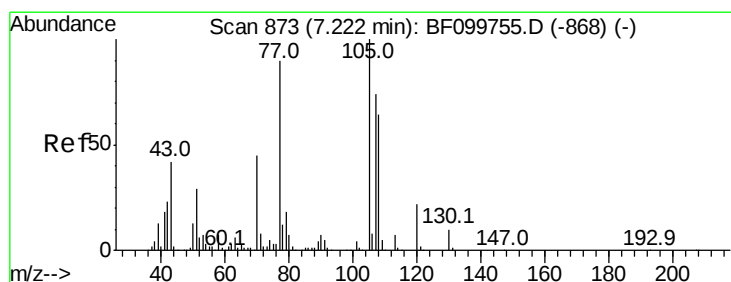
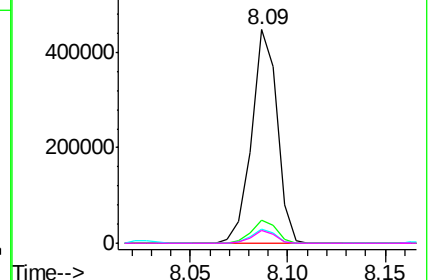
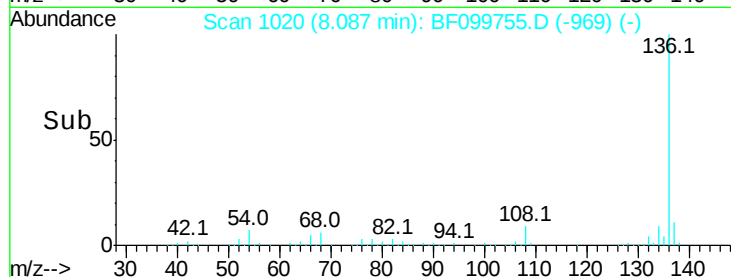


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.756 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF099755.D

Acq: 23 Oct 2017 12:42

Tgt Ion:105 Resp: 361033

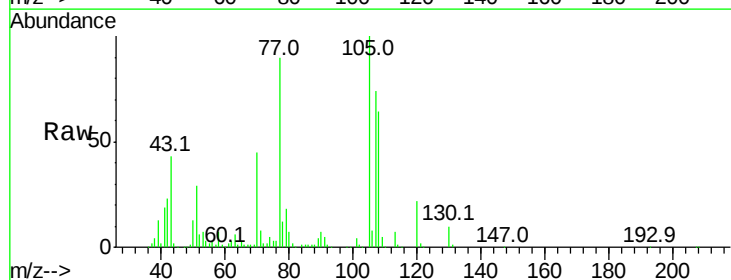
Ion Ratio Lower Upper

105 100

71 7.7 4.4 6.6#

51 28.8 22.3 33.5

120 21.8 16.9 25.3

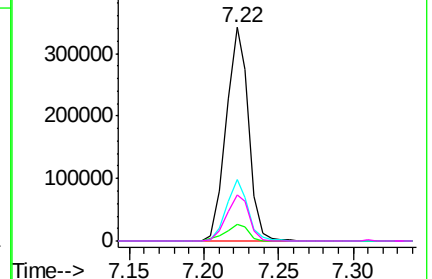
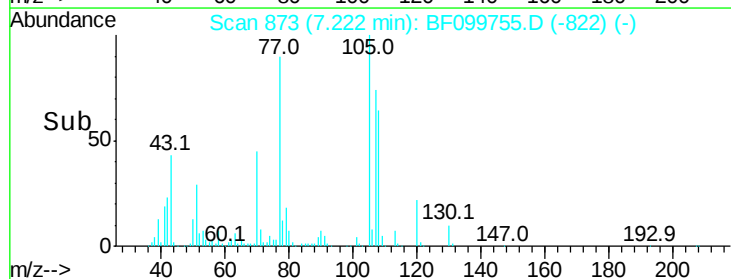


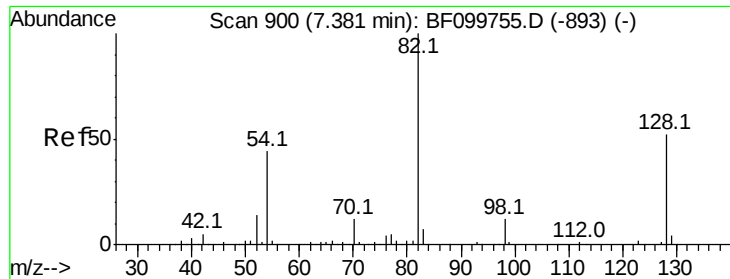
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

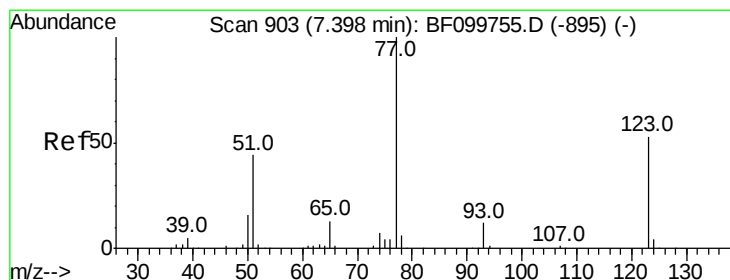
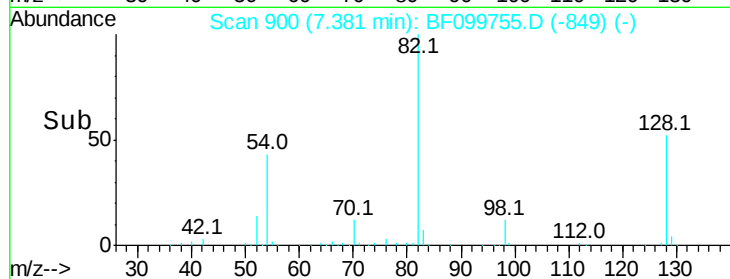
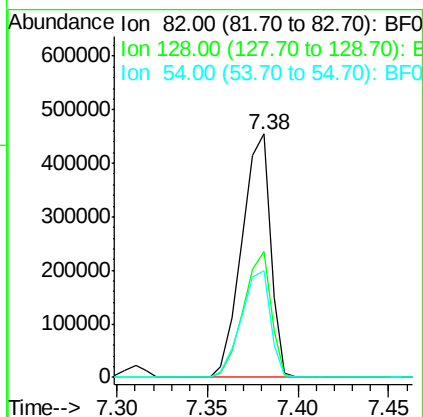
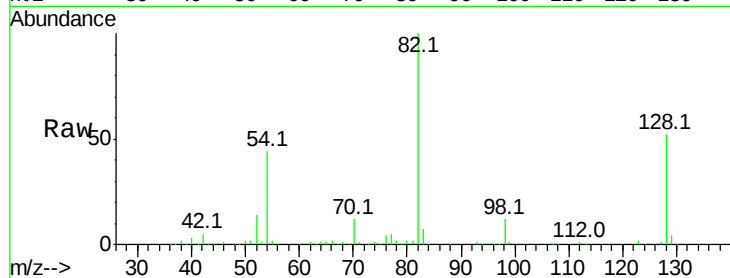




#23  
 Nitrobenzene-d5  
 Concen: 79.227 ng  
 RT: 7.38 min Scan# 900  
 Delta R.T. 0.00 min  
 Lab File: BF099755.D  
 Acq: 23 Oct 2017 12:42

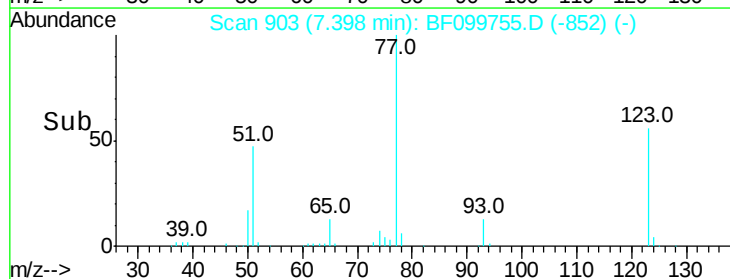
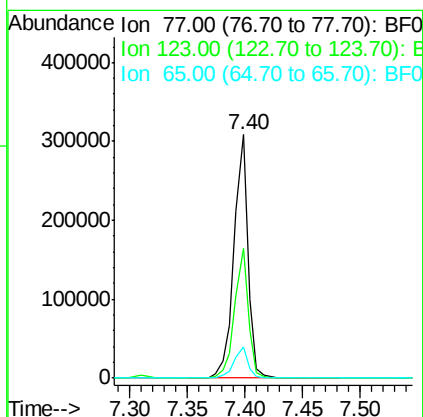
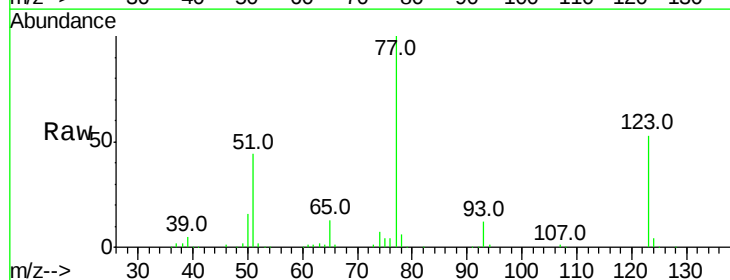
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

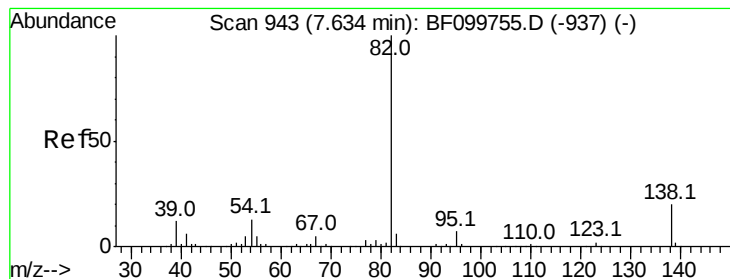
| Tot Ion   | 82   | Resp  | 500845 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 51.7 | 36.1  | 54.1   |
| 54        | 43.6 | 41.4  | 62.2   |



#24  
 Nitrobenzene  
 Concen: 36.239 ng  
 RT: 7.40 min Scan# 903  
 Delta R.T. 0.00 min  
 Lab File: BF099755.D  
 Acq: 23 Oct 2017 12:42

| Tgt Ion   | 77   | Resp  | 259871 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 123       | 53.2 | 37.9  | 56.9   |
| 65        | 12.5 | 11.0  | 16.4   |





#25

Isophorone

Concen: 35.151 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF099755.D

Acq: 23 Oct 2017 12:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

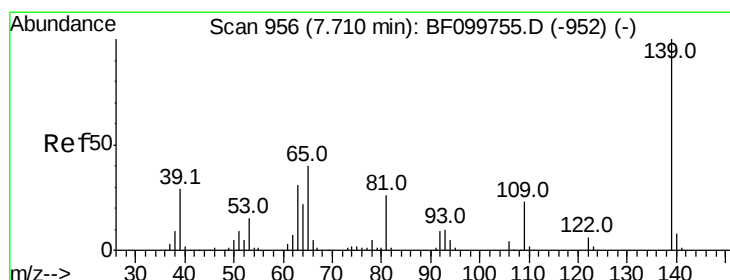
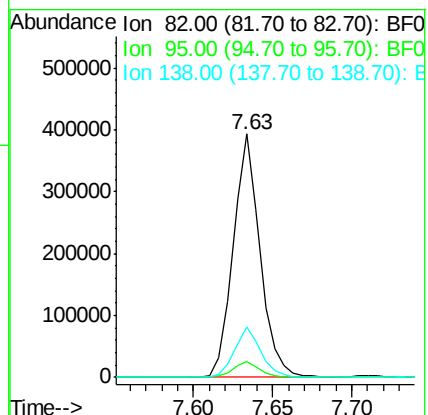
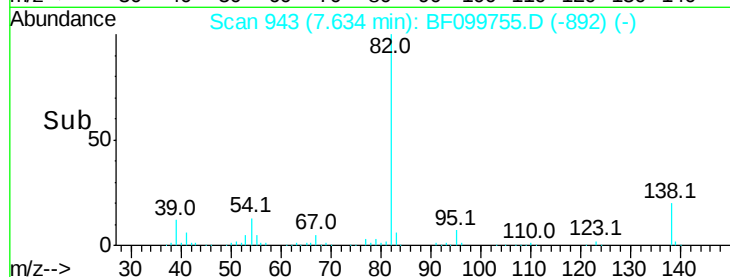
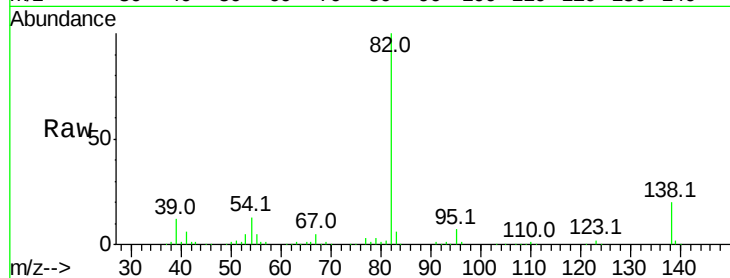
Tot Ion: 82 Resp: 459425

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 20.5 14.9 22.3



#26

2-Nitrophenol

Concen: 44.476 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF099755.D

Acq: 23 Oct 2017 12:42

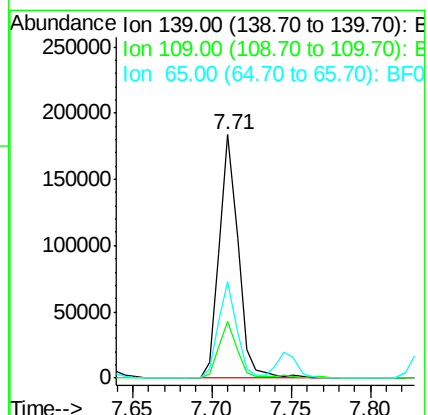
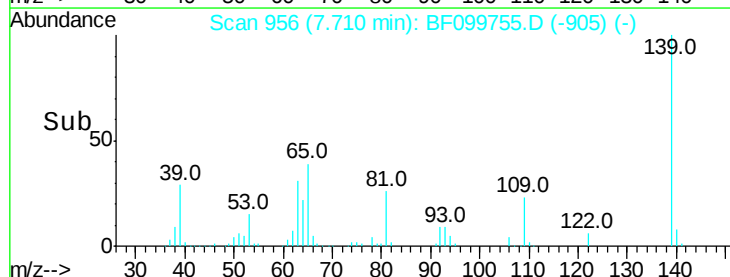
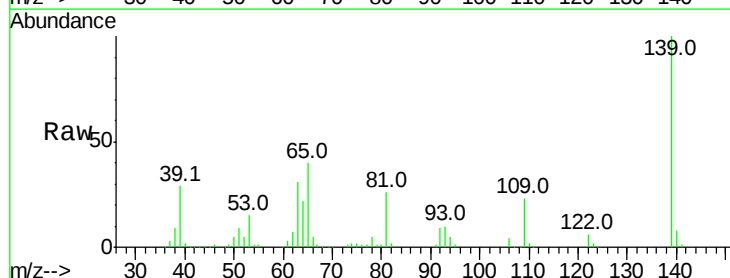
Tgt Ion: 139 Resp: 153373

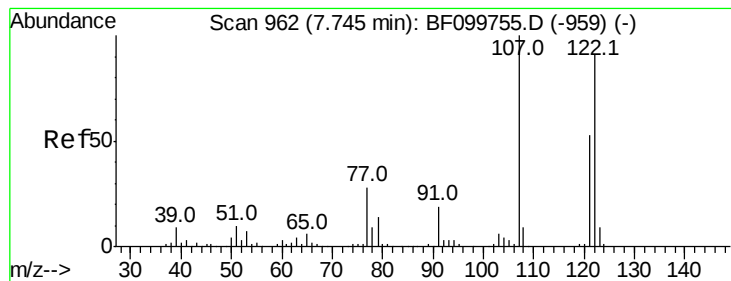
Ion Ratio Lower Upper

139 100

109 23.5 22.7 34.1

65 39.7 40.5 60.7#





#27

2,4-Dimethylphenol

Concen: 33.089 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF099755.D

Acq: 23 Oct 2017 12:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

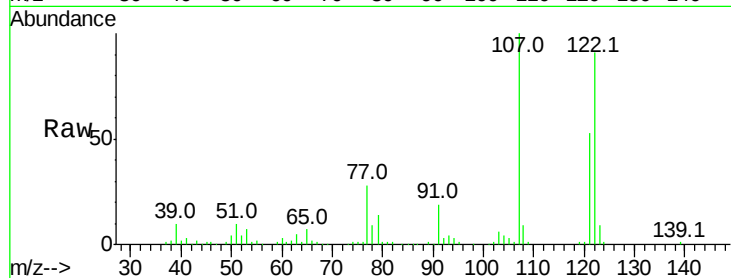
Tot Ion:122 Resp: 215485

Ion Ratio Lower Upper

122 100

107 109.3 91.2 136.8

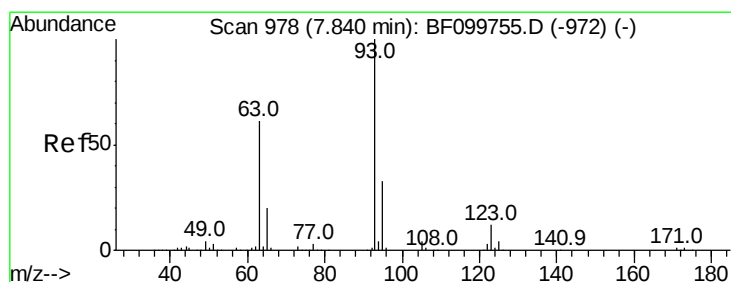
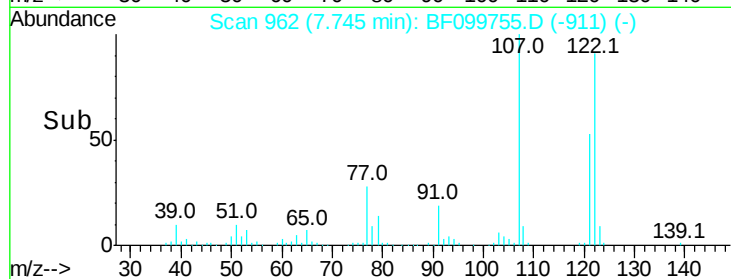
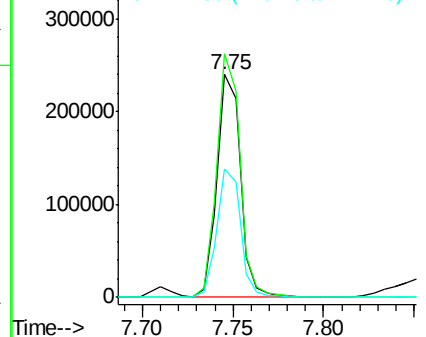
121 57.8 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.048 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF099755.D

Acq: 23 Oct 2017 12:42

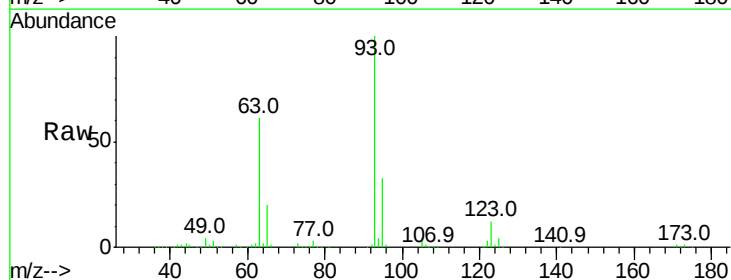
Tgt Ion: 93 Resp: 318044

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

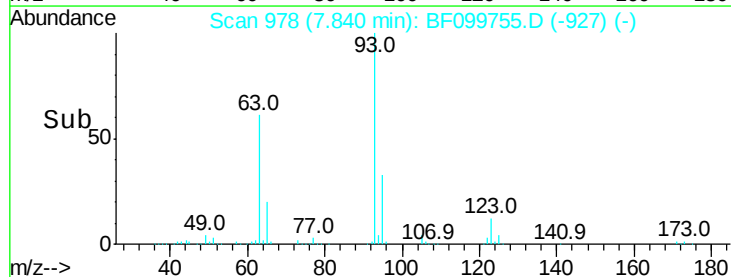
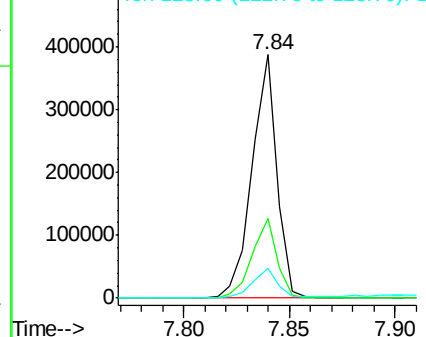
123 12.2 9.8 14.6

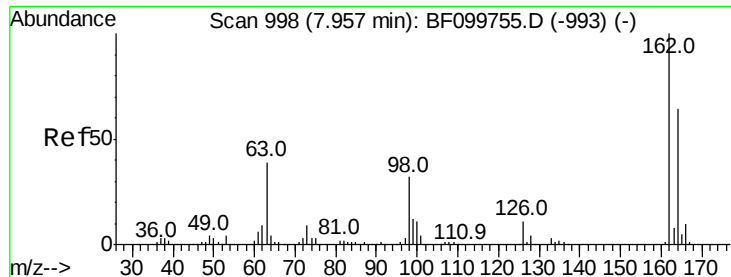


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

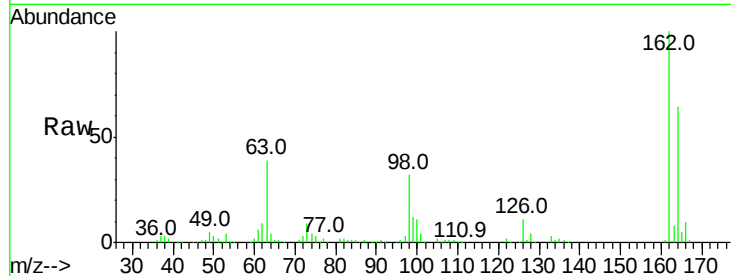




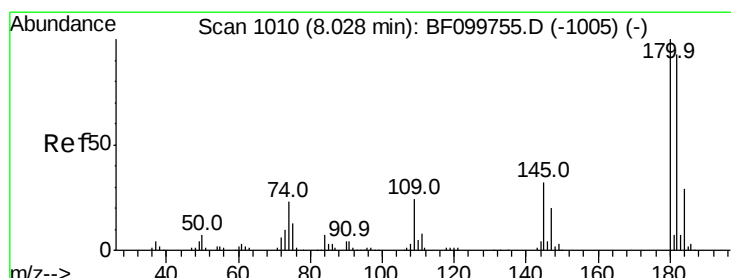
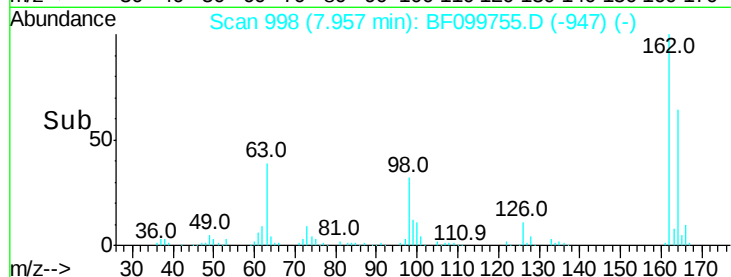
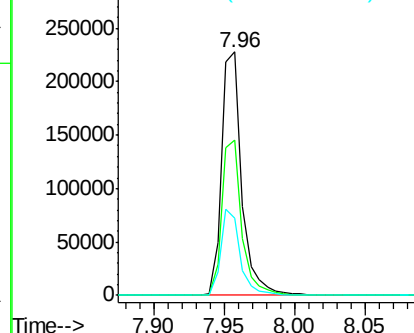
#29  
 2,4-Dichlorophenol  
 Concen: 40.439 ng  
 RT: 7.96 min Scan# 998  
 Delta R.T. 0.00 min  
 Lab File: BF099755.D  
 Acq: 23 Oct 2017 12:42

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.9  | 42.7  | 82.7  |
| 98      | 31.6  | 18.1  | 58.1  |

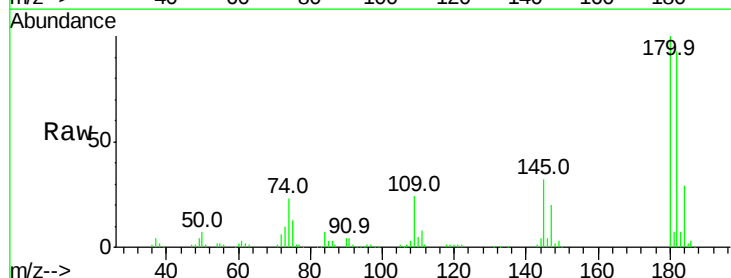


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

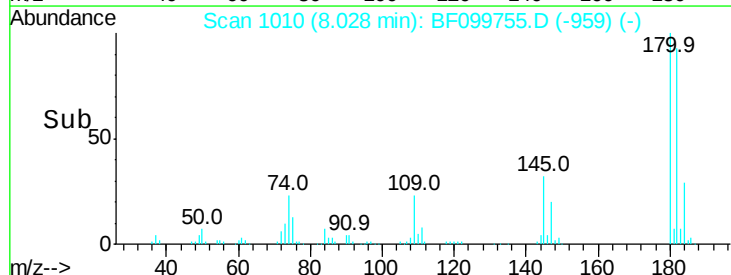
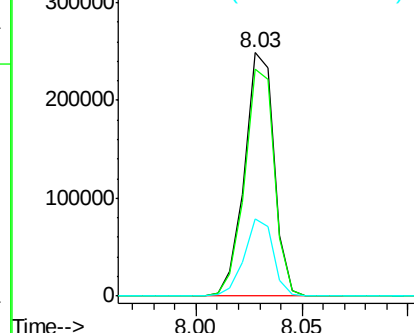


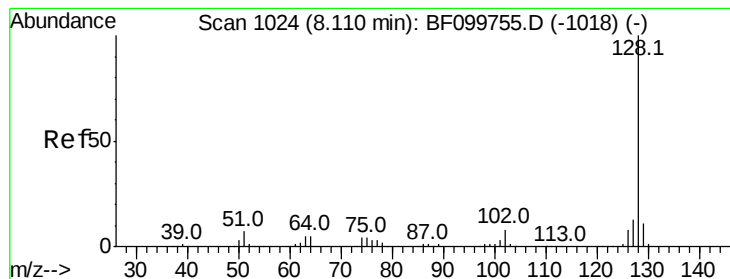
#30  
 1,2,4-Trichlorobenzene  
 Concen: 43.054 ng  
 RT: 8.03 min Scan# 1010  
 Delta R.T. 0.00 min  
 Lab File: BF099755.D  
 Acq: 23 Oct 2017 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.2  | 76.8  | 115.2 |
| 145     | 31.7  | 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: 41.011 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF099755.D

Acq: 23 Oct 2017 12:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

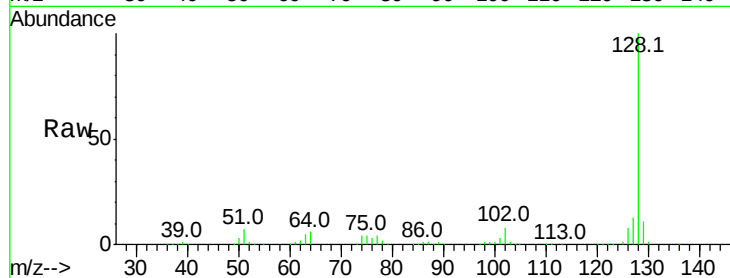
Tot Ion:128 Resp: 780864

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

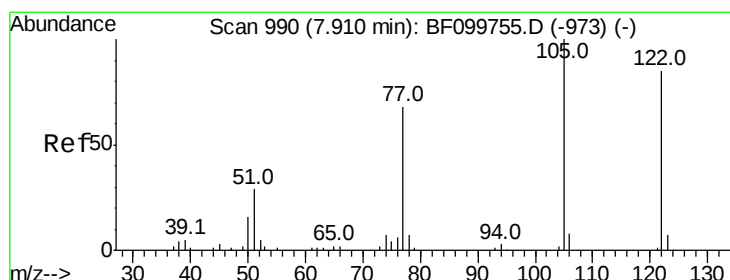
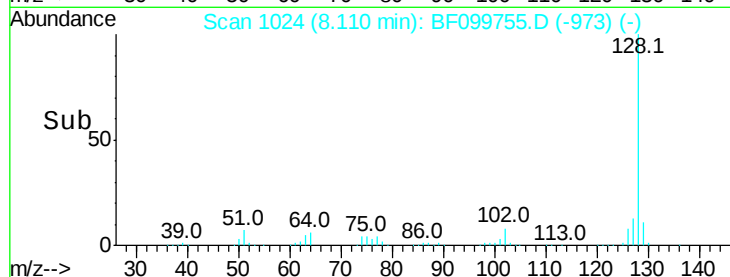
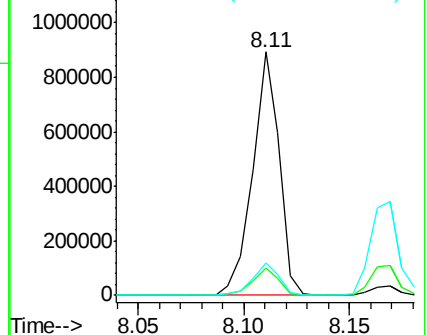
127 13.1 10.9 16.3



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



#32

Benzoic acid

Concen: 34.902 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF099755.D

Acq: 23 Oct 2017 12:42

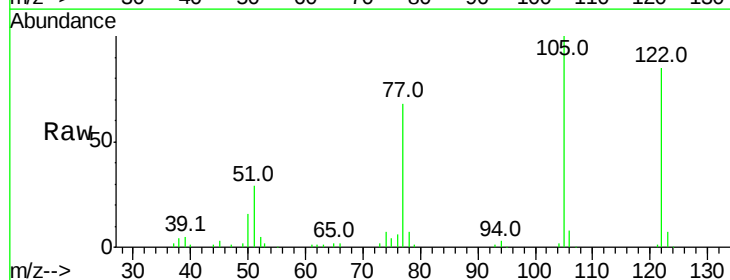
Tgt Ion:122 Resp: 186705

Ion Ratio Lower Upper

122 100

105 117.0 101.1 141.1

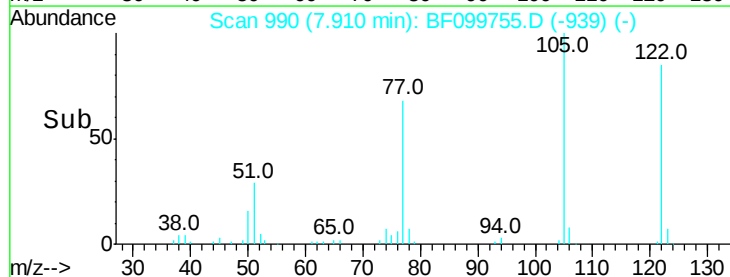
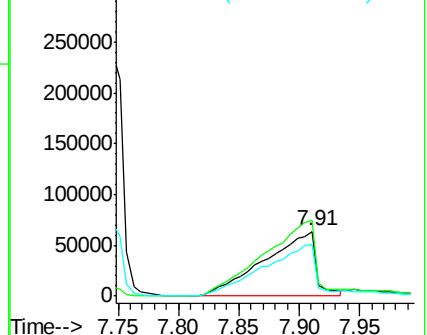
77 79.6 70.7 110.7

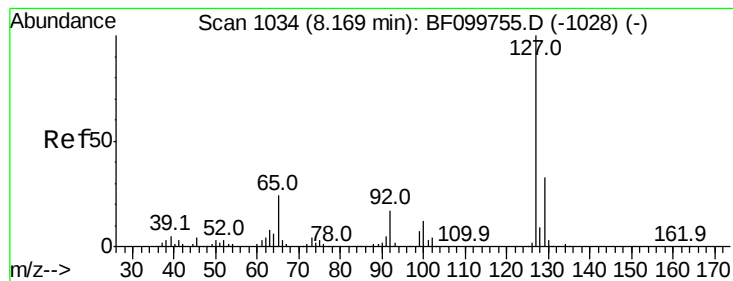


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 41.376 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF099755.D

Acq: 23 Oct 2017 12:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tot Ion:127 Resp: 328996

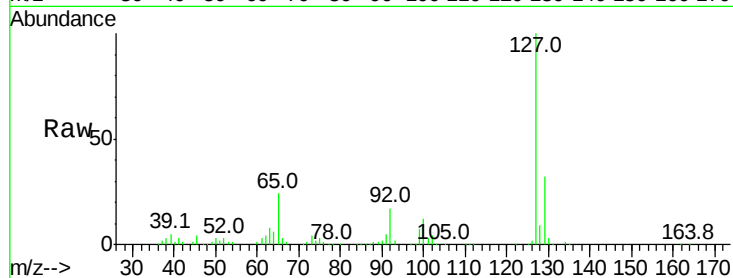
Ion Ratio Lower Upper

127 100

129 32.5 25.9 38.9

65 23.5 25.0 37.4#

92 17.0 15.2 22.8

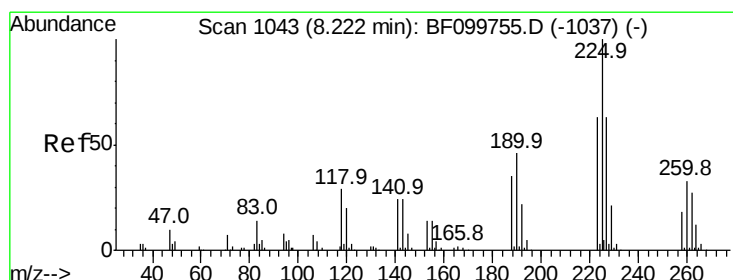
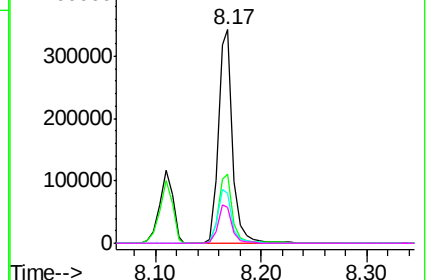
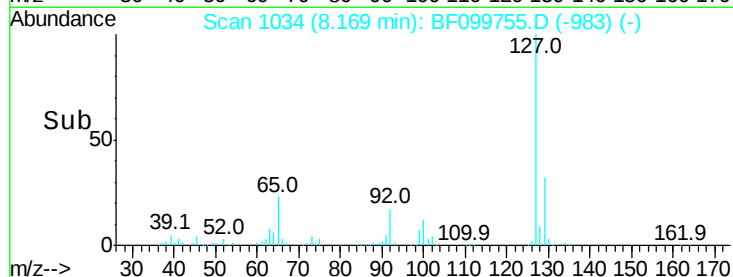


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 41.967 ng

RT: 8.22 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BF099755.D

Acq: 23 Oct 2017 12:42

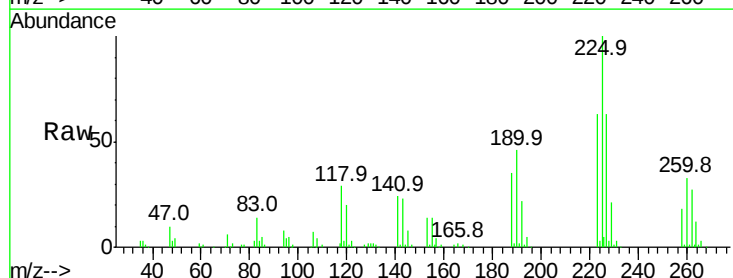
Tgt Ion:225 Resp: 120883

Ion Ratio Lower Upper

225 100

223 63.4 50.6 76.0

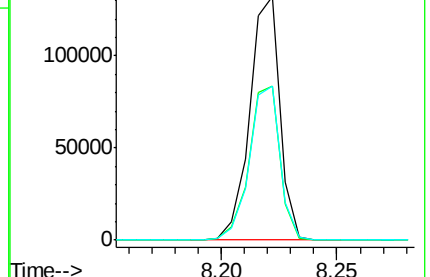
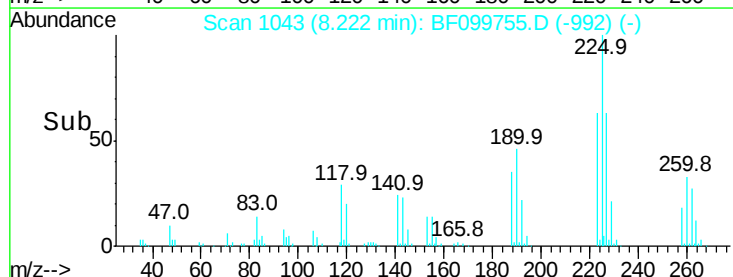
227 63.5 51.9 77.9

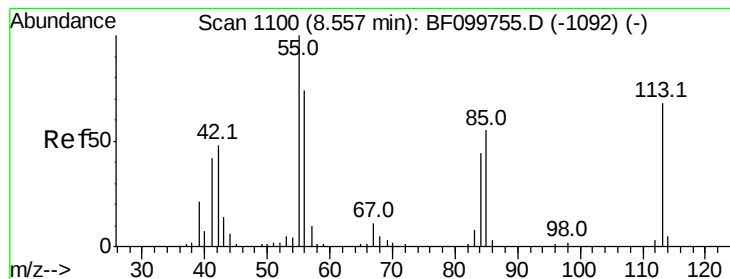


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.949 ng

RT: 8.56 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF099755.D

Acq: 23 Oct 2017 12:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

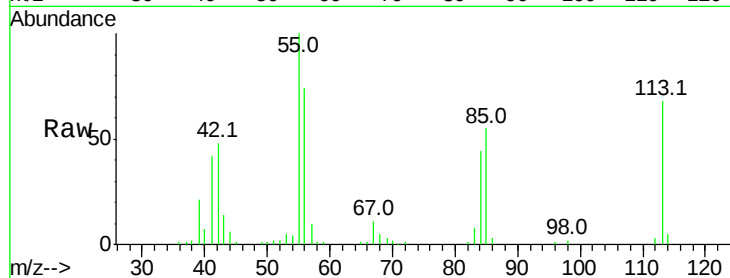
Tot Ion:113 Resp: 71651

Ion Ratio Lower Upper

113 100

55 147.9 163.3 203.3#

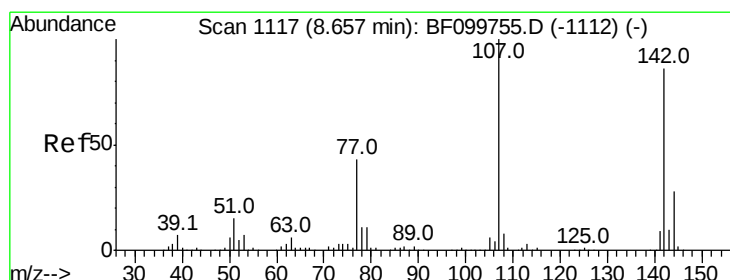
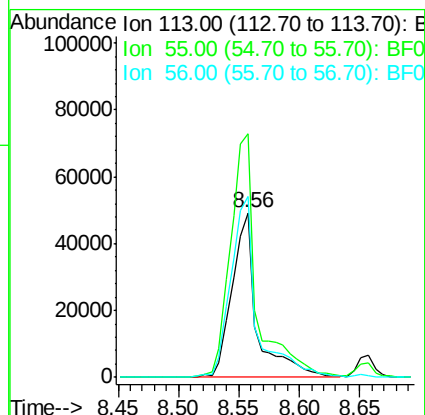
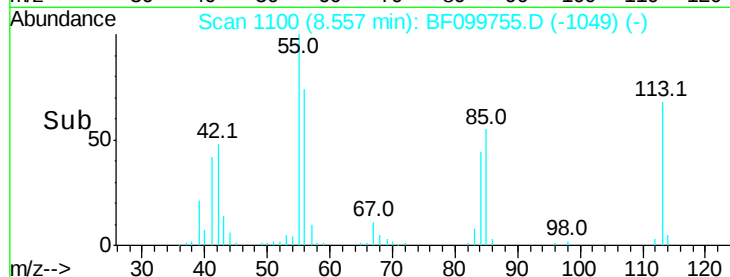
56 110.2 115.7 155.7#



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: 36.315 ng

RT: 8.66 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BF099755.D

Acq: 23 Oct 2017 12:42

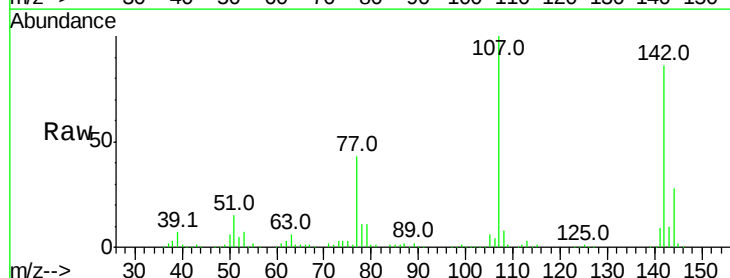
Tgt Ion:107 Resp: 228223

Ion Ratio Lower Upper

107 100

144 28.1 20.5 30.7

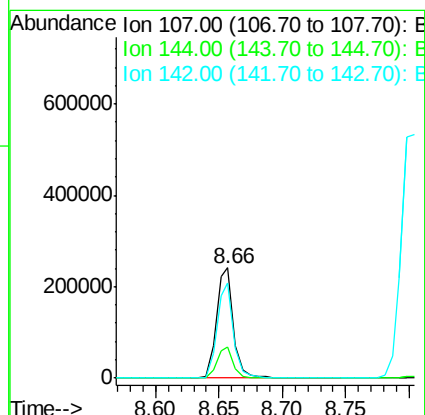
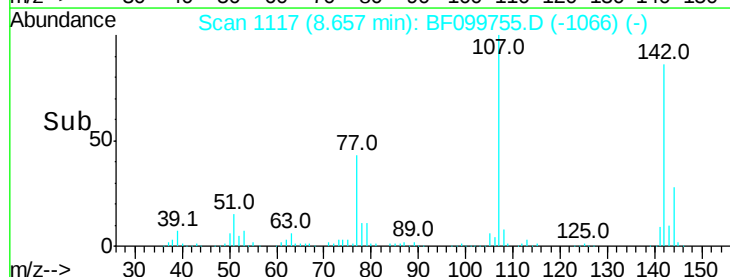
142 85.8 62.0 93.0

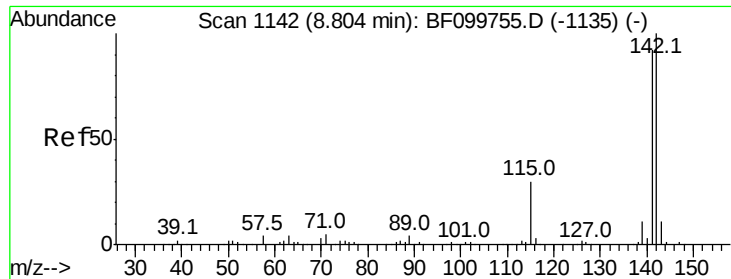


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

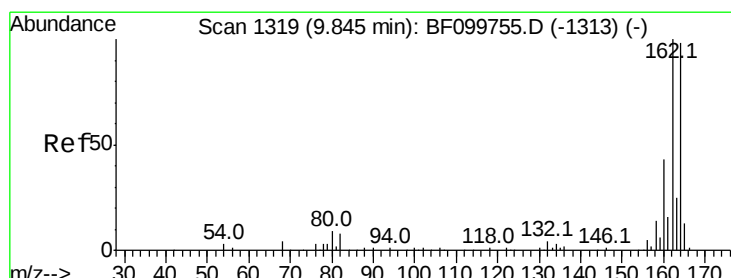
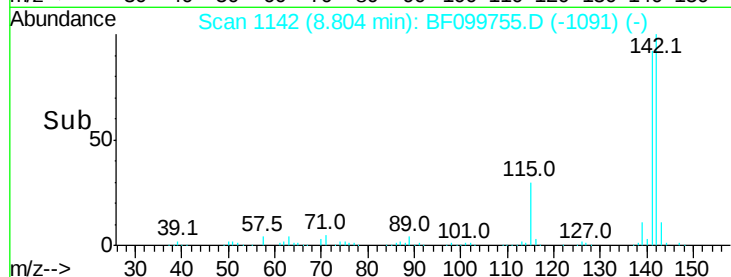
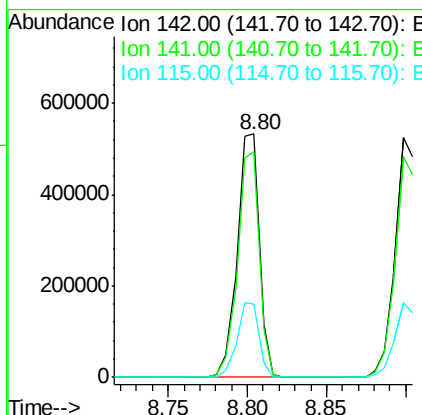
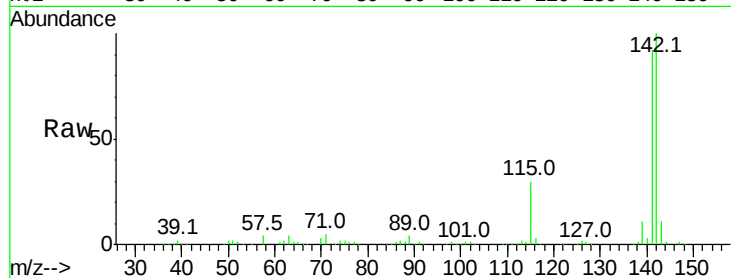




#37  
2-Methylnaphthalene  
Concen: 41.787 ng  
RT: 8.80 min Scan# 1142  
Delta R.T. 0.00 min  
Lab File: BF099755.D  
Acq: 23 Oct 2017 12:42

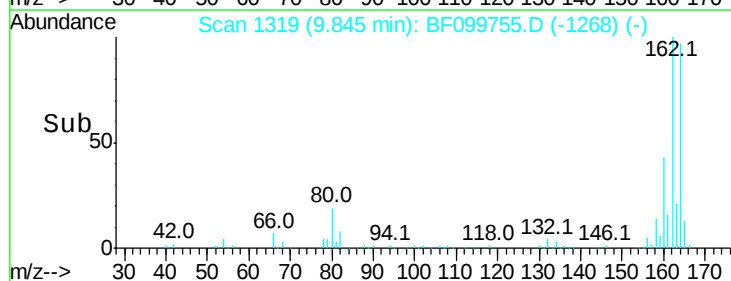
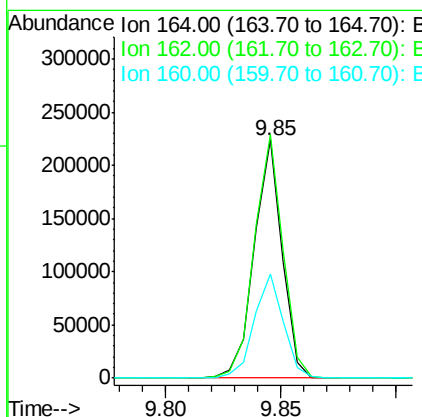
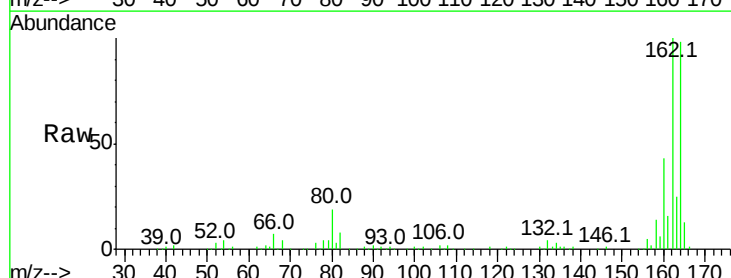
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

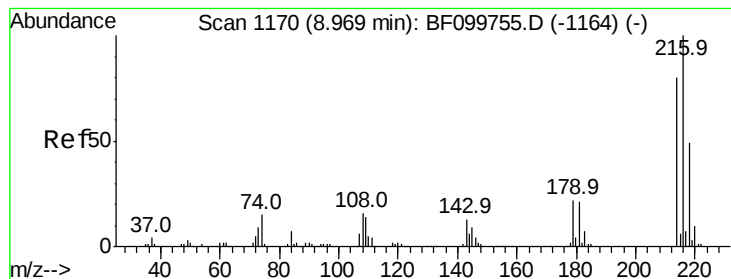
Tot Ion:142 Resp: 517237  
Ion Ratio Lower Upper  
142 100  
141 92.5 70.8 106.2  
115 30.0 26.1 39.1



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.85 min Scan# 1319  
Delta R.T. 0.00 min  
Lab File: BF099755.D  
Acq: 23 Oct 2017 12:42

Tgt Ion:164 Resp: 188763  
Ion Ratio Lower Upper  
164 100  
162 102.3 86.1 129.1  
160 43.7 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.228 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF099755.D

Acq: 23 Oct 2017 12:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tot Ion:216 Resp: 243352

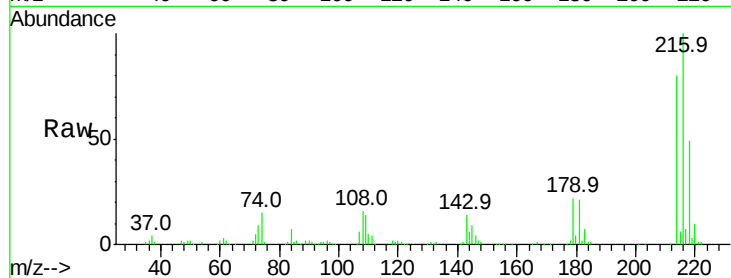
Ion Ratio Lower Upper

216 100

214 80.0 63.0 94.4

179 22.2 18.1 27.1

108 17.4 17.2 25.8

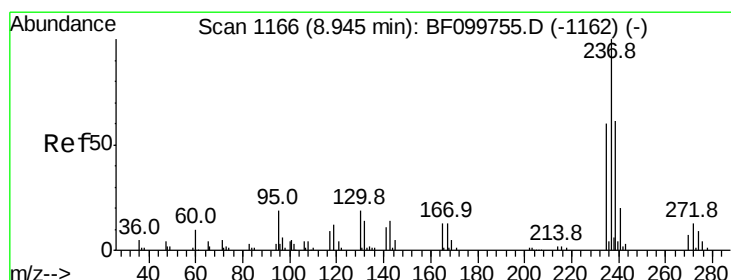
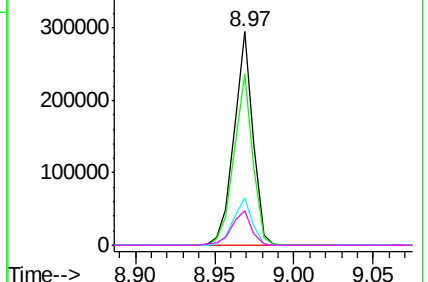
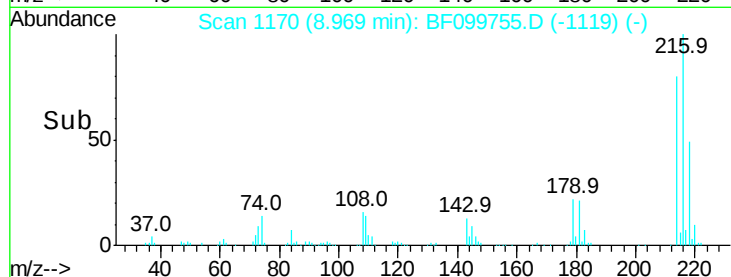


Abundance Ion 216.00 (215.70 to 216.70): E

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: 14.184 ng

RT: 8.95 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF099755.D

Acq: 23 Oct 2017 12:42

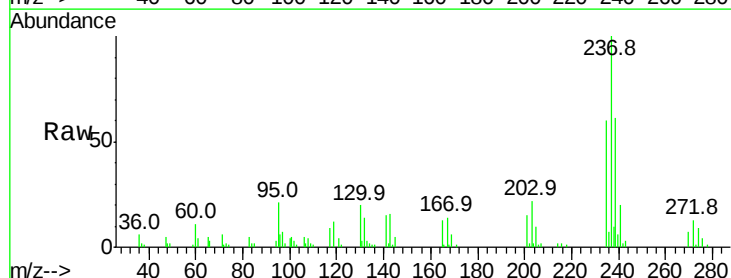
Tgt Ion:237 Resp: 36490

Ion Ratio Lower Upper

237 100

235 60.2 44.8 84.8

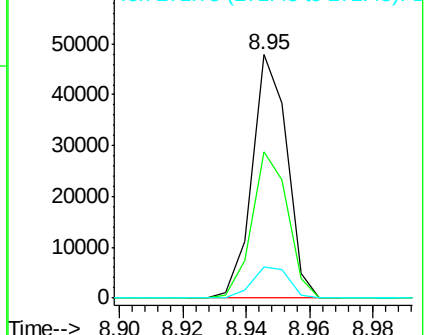
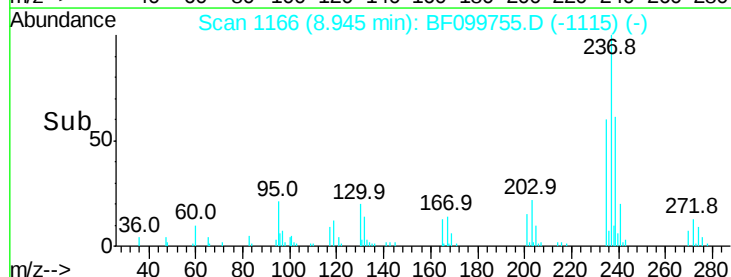
272 12.8 0.0 33.3

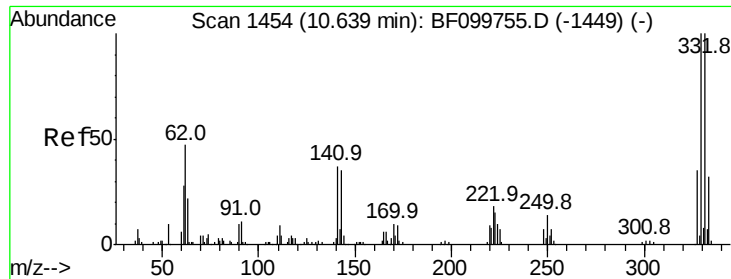


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 89.152 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF099755.D

Acq: 23 Oct 2017 12:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

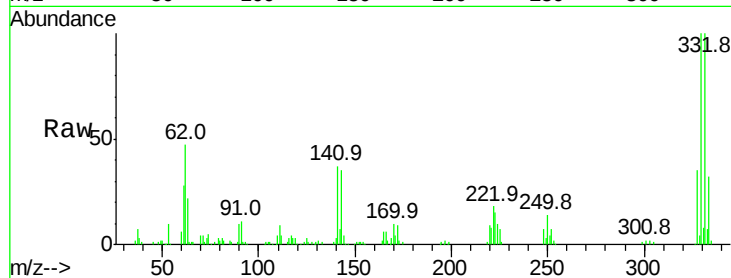
Tot Ion:330 Resp: 137704

Ion Ratio Lower Upper

330 100

332 97.2 77.0 115.6

141 36.4 29.9 44.9



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

10.64

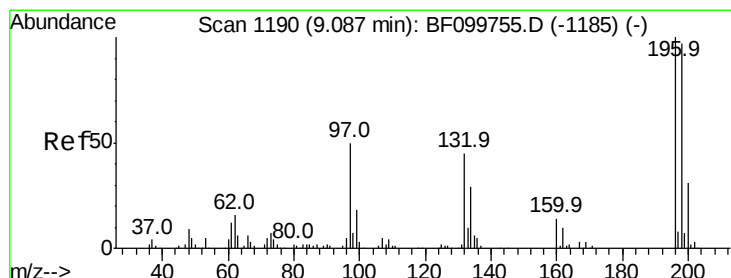
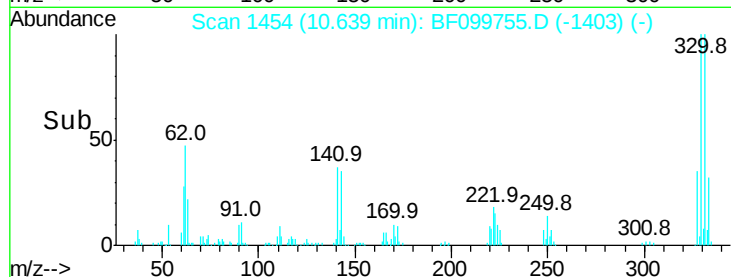
150000

100000

50000

0

Time-->



#42

2,4,6-Trichlorophenol

Concen: 36.762 ng

RT: 9.09 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BF099755.D

Acq: 23 Oct 2017 12:42

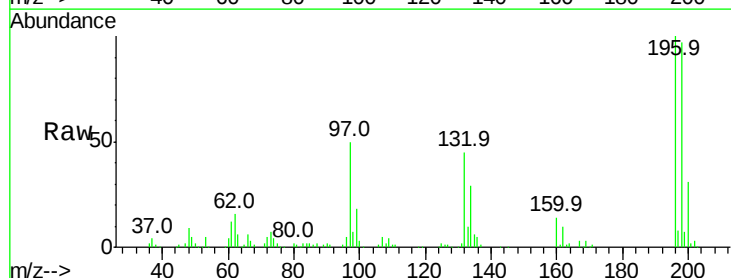
Tgt Ion:196 Resp: 146608

Ion Ratio Lower Upper

196 100

198 96.6 75.7 113.5

200 30.7 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

9.09

200000

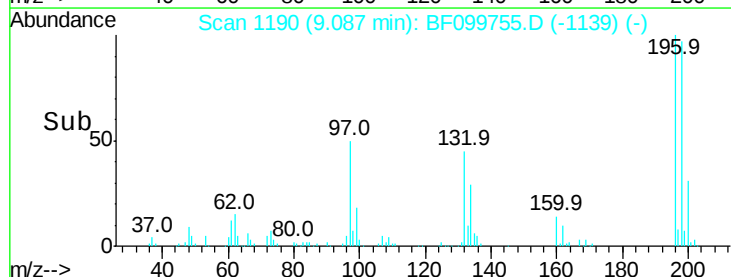
150000

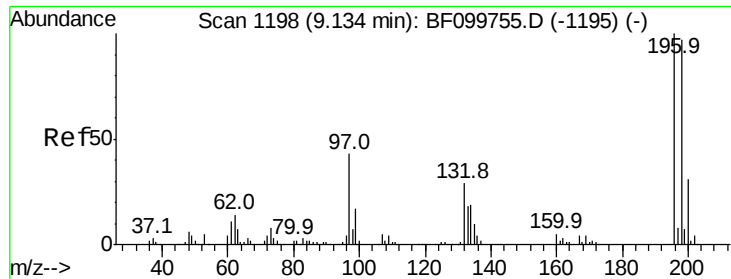
100000

50000

0

Time-->

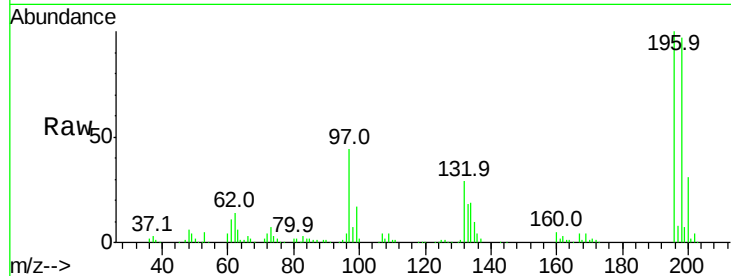




#43  
 2,4,5-Trichlorophenol  
 Concen: 41.062 ng  
 RT: 9.13 min Scan# 1198  
 Delta R.T. 0.00 min  
 Lab File: BF099755.D  
 Acq: 23 Oct 2017 12:42

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 96.8  | 74.6  | 112.0 |
| 97      | 43.5  | 42.9  | 64.3  |
| 132     | 29.1  | 26.3  | 39.5  |



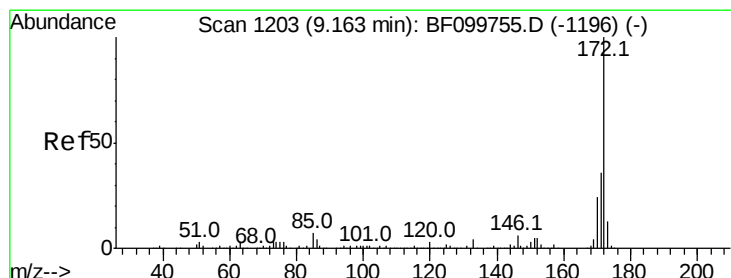
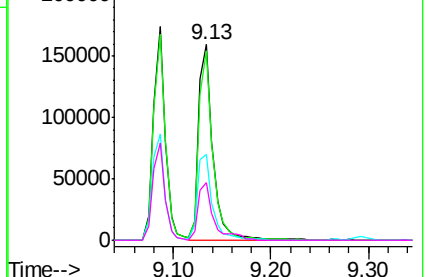
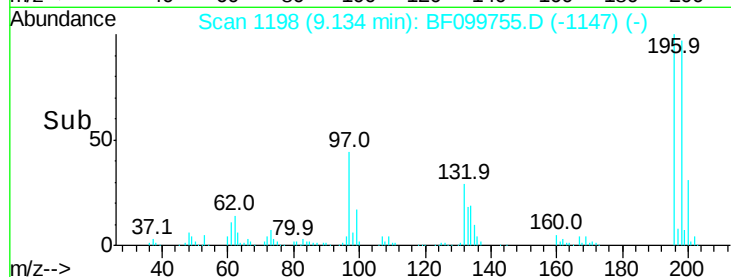
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

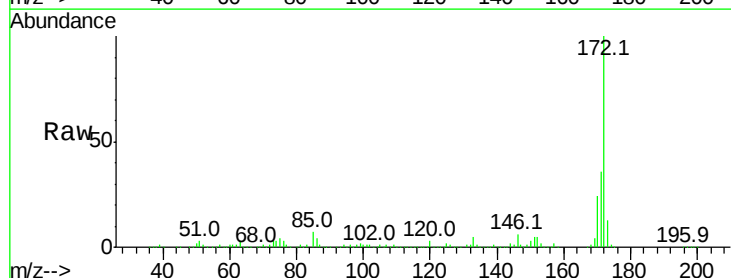
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 88.215 ng  
 RT: 9.16 min Scan# 1203  
 Delta R.T. 0.00 min  
 Lab File: BF099755.D  
 Acq: 23 Oct 2017 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.3  | 29.7  | 44.5  |
| 170     | 23.7  | 19.6  | 29.4  |

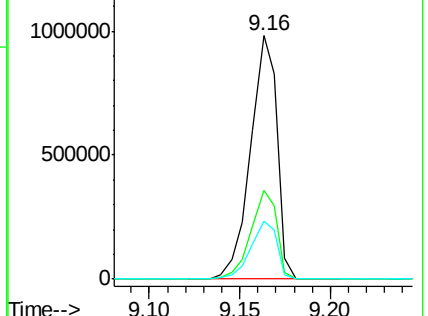
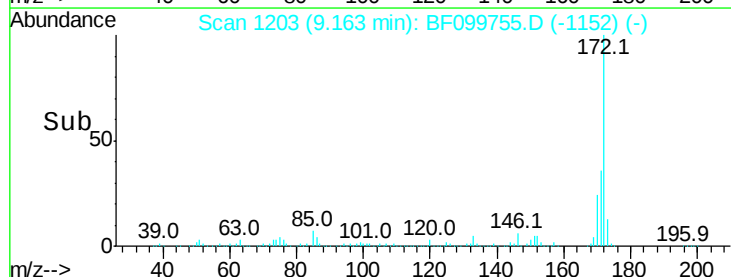


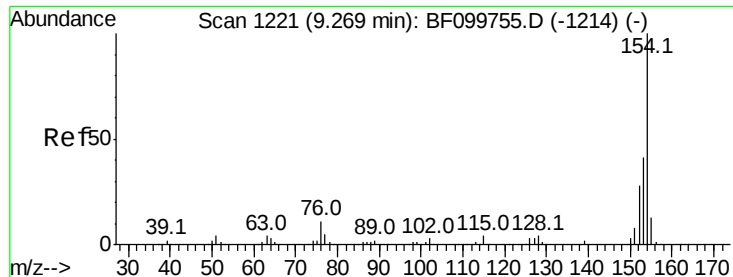
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

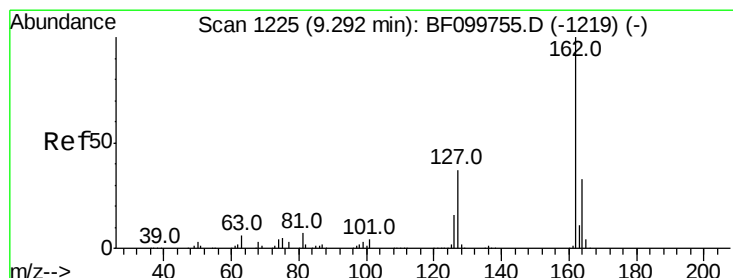
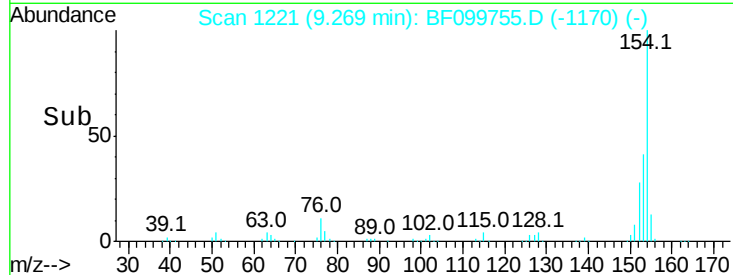
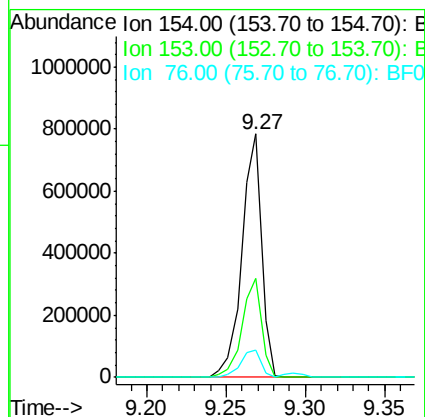
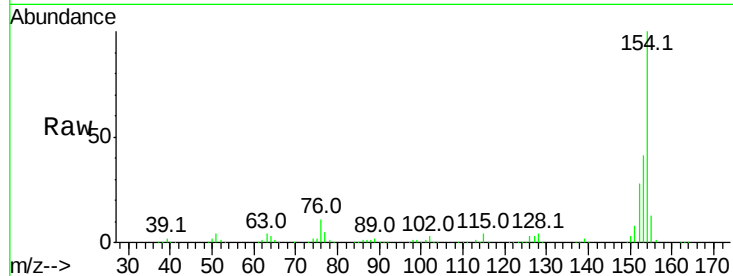




#45  
 1,1'-Biphenyl  
 Concen: 41.619 ng  
 RT: 9.27 min Scan# 1221  
 Delta R.T. 0.00 min  
 Lab File: BF099755.D  
 Acq: 23 Oct 2017 12:42

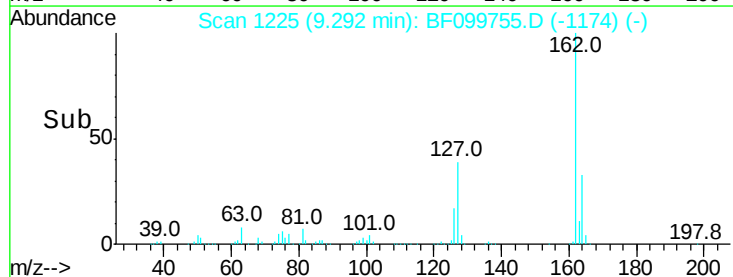
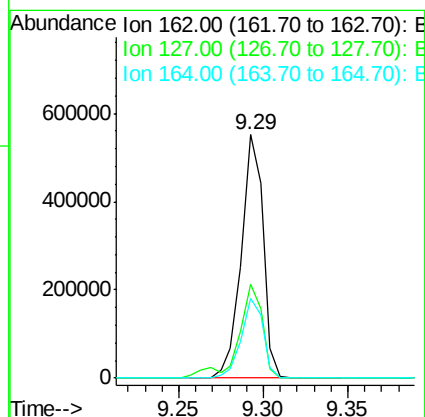
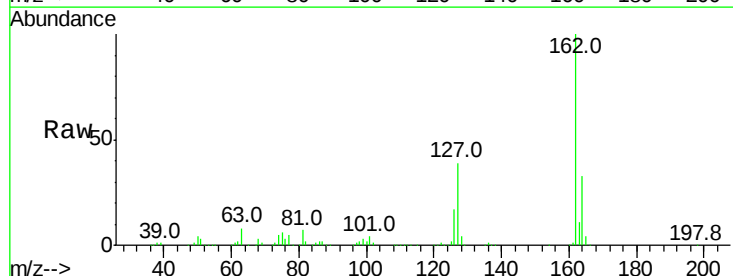
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

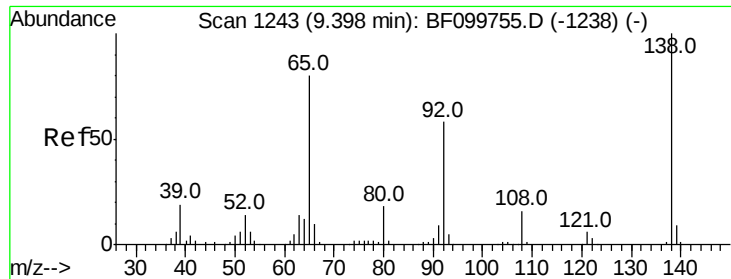
Tot Ion:154 Resp: 675180  
 Ion Ratio Lower Upper  
 154 100  
 153 40.8 21.3 61.3  
 76 11.4 0.0 34.0



#46  
 2-Chloronaphthalene  
 Concen: 40.790 ng  
 RT: 9.29 min Scan# 1225  
 Delta R.T. 0.00 min  
 Lab File: BF099755.D  
 Acq: 23 Oct 2017 12:42

Tgt Ion:162 Resp: 496842  
 Ion Ratio Lower Upper  
 162 100  
 127 38.5 33.9 50.9  
 164 32.5 26.5 39.7

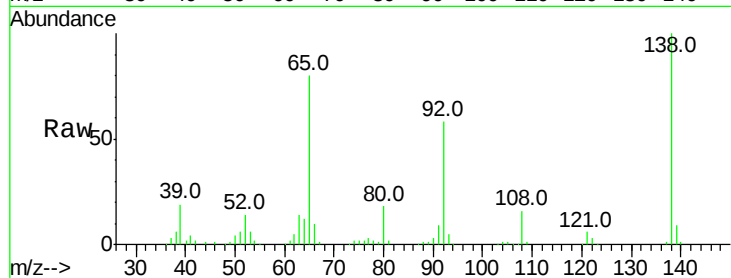




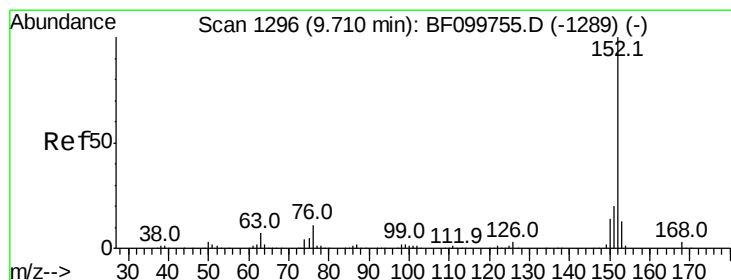
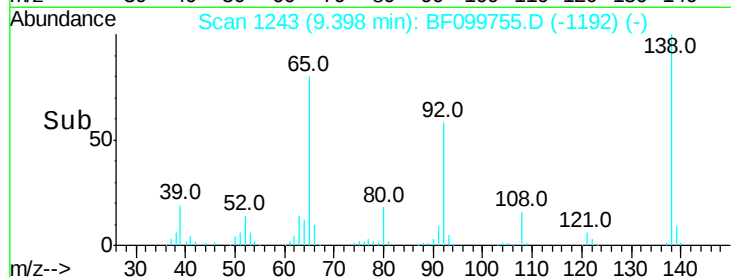
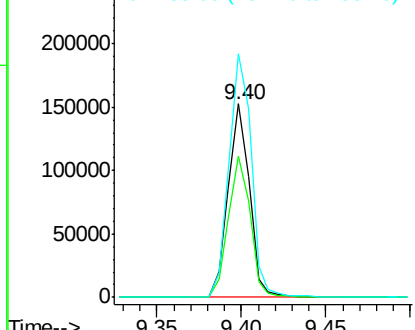
#47  
2-Nitroaniline  
Concen: 35.825 ng  
RT: 9.40 min Scan# 1243  
Delta R.T. 0.00 min  
Lab File: BF099755.D  
Acq: 23 Oct 2017 12:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

Tot Ion: 65 Resp: 133615  
Ion Ratio Lower Upper  
65 100  
92 73.0 55.8 83.6  
138 125.7 91.2 136.8

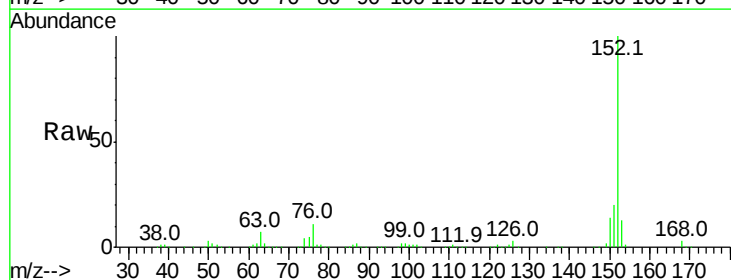


Abundance Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0  
Ion 138.00 (137.70 to 138.70): E

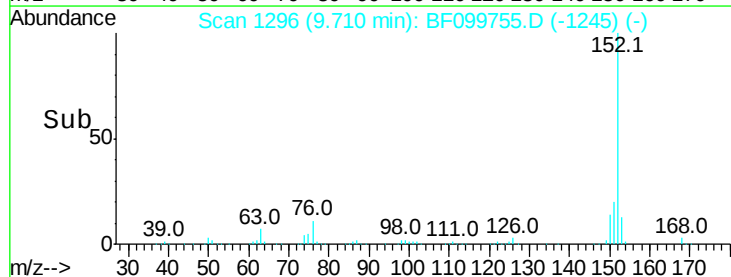
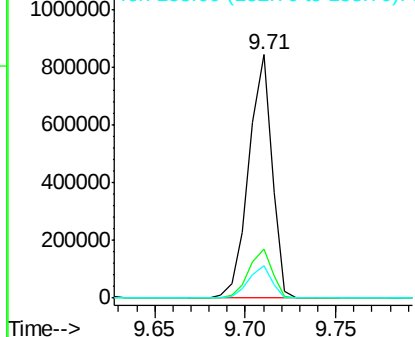


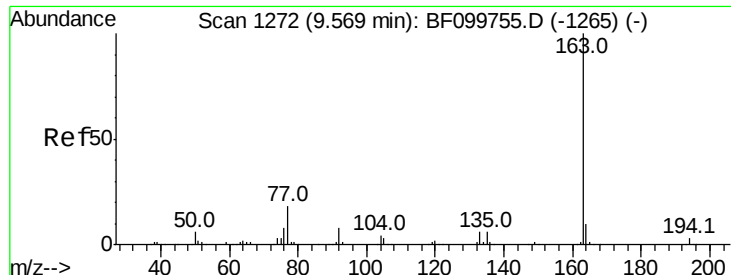
#48  
Acenaphthylene  
Concen: 40.551 ng  
RT: 9.71 min Scan# 1296  
Delta R.T. 0.00 min  
Lab File: BF099755.D  
Acq: 23 Oct 2017 12:42

Tgt Ion: 152 Resp: 756129  
Ion Ratio Lower Upper  
152 100  
151 20.3 16.3 24.5  
153 13.3 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E

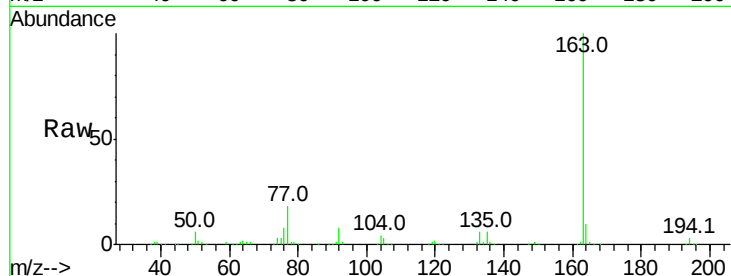




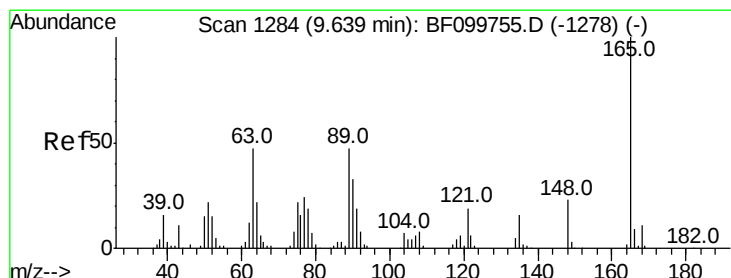
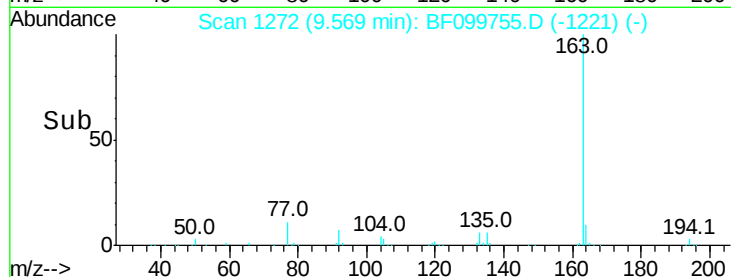
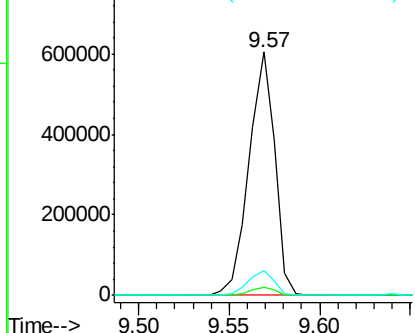
#49  
Dimethylphthalate  
Concen: 42.001 ng  
RT: 9.57 min Scan# 1272  
Delta R.T. 0.00 min  
Lab File: BF099755.D  
Acq: 23 Oct 2017 12:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

Tot Ion:163 Resp: 598378  
Ion Ratio Lower Upper  
163 100  
194 3.4 2.7 4.1  
164 10.0 8.2 12.2

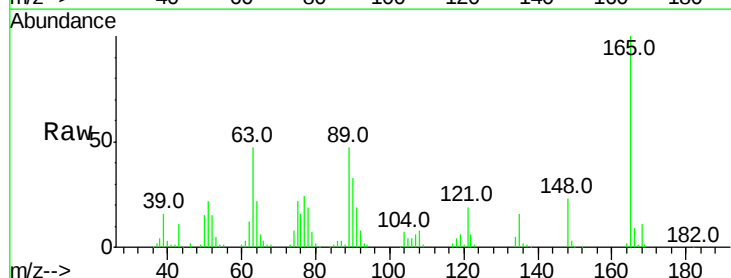


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

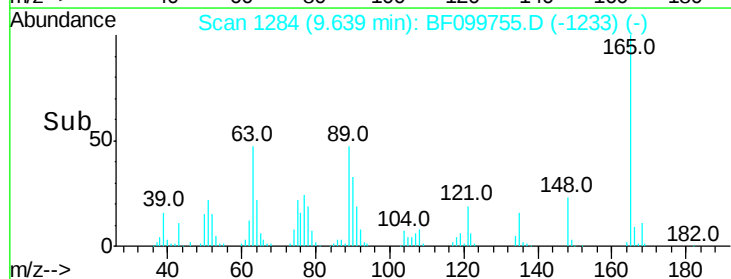
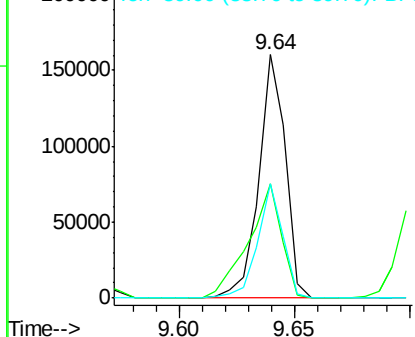


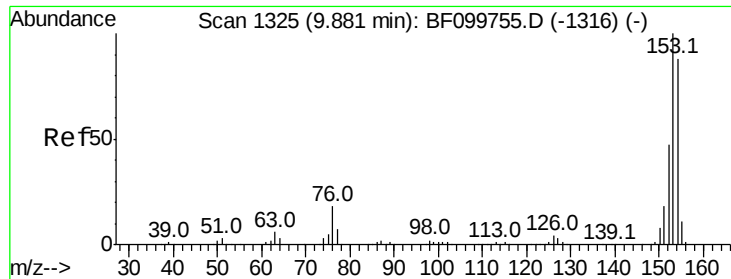
#50  
2,6-Dinitrotoluene  
Concen: 41.506 ng  
RT: 9.64 min Scan# 1284  
Delta R.T. 0.00 min  
Lab File: BF099755.D  
Acq: 23 Oct 2017 12:42

Tgt Ion:165 Resp: 128737  
Ion Ratio Lower Upper  
165 100  
63 47.2 44.7 67.1  
89 46.8 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

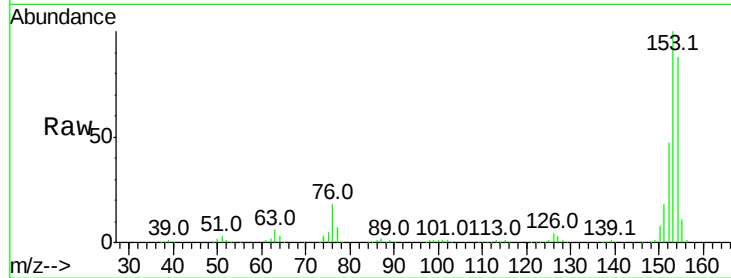




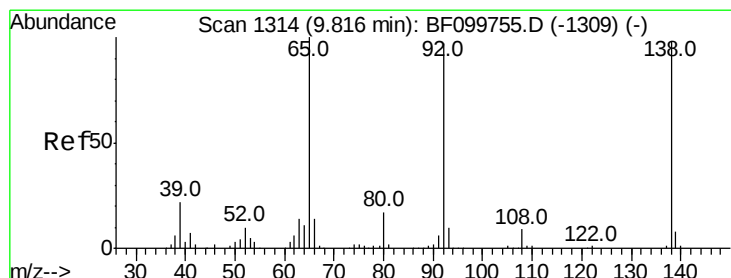
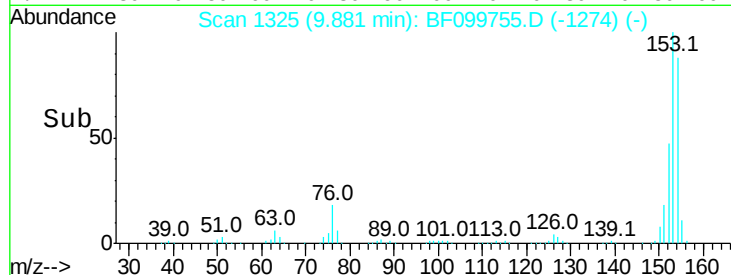
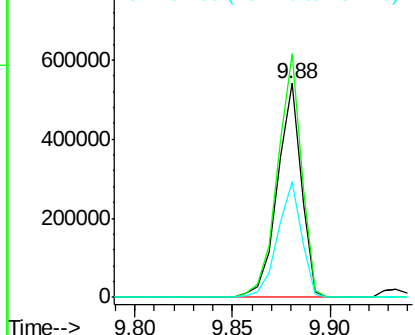
#51  
Acenaphthene  
Concen: 38.871 ng  
RT: 9.88 min Scan# 1325  
Delta R.T. 0.00 min  
Lab File: BF099755.D  
Acq: 23 Oct 2017 12:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

Tot Ion:154 Resp: 459135  
Ion Ratio Lower Upper  
154 100  
153 114.0 91.2 136.8  
152 54.0 43.8 65.8

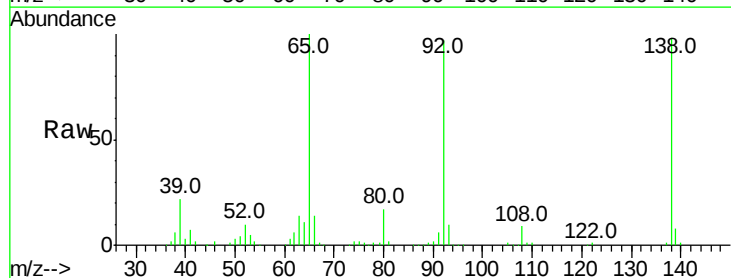


Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E

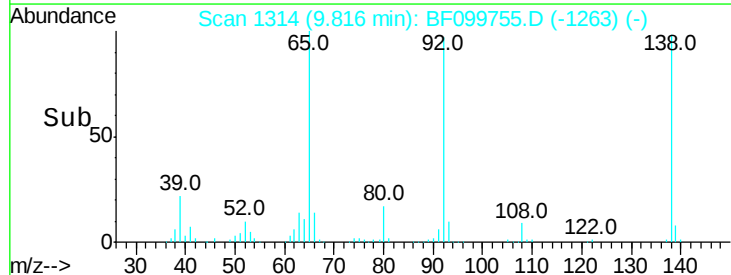
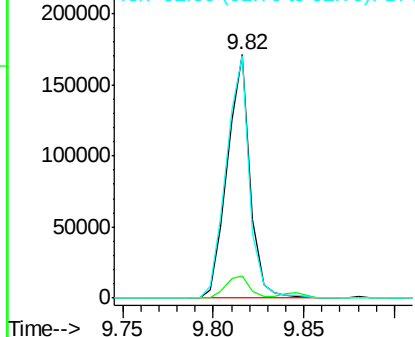


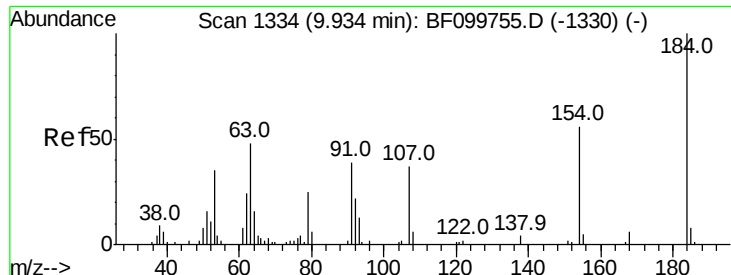
#52  
3-Nitroaniline  
Concen: 41.555 ng  
RT: 9.82 min Scan# 1314  
Delta R.T. 0.00 min  
Lab File: BF099755.D  
Acq: 23 Oct 2017 12:42

Tgt Ion:138 Resp: 150283  
Ion Ratio Lower Upper  
138 100  
108 9.3 9.4 14.0#  
92 99.6 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

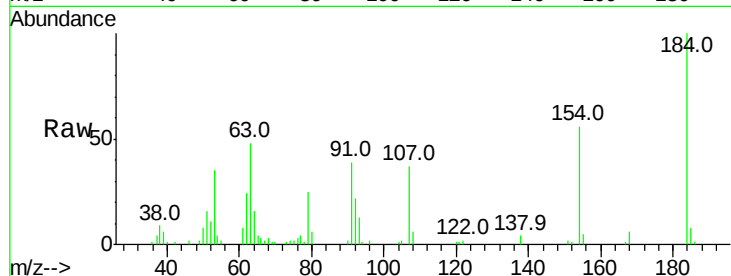




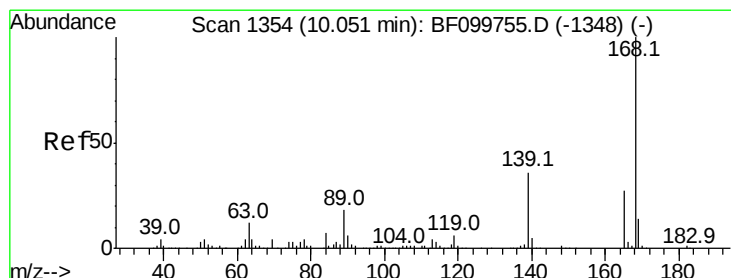
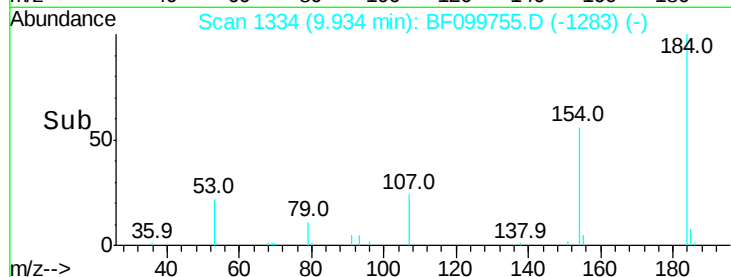
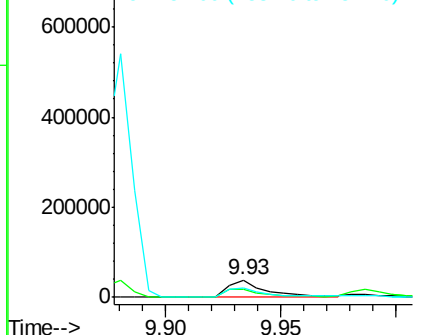
#53  
 2,4-Dinitrophenol  
 Concen: 32.412 ng  
 RT: 9.93 min Scan# 1334  
 Delta R.T. 0.00 min  
 Lab File: BF099755.D  
 Acq: 23 Oct 2017 12:42

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

Tot Ion:184 Resp: 45370  
 Ion Ratio Lower Upper  
 184 100  
 63 48.4 54.2 81.2#  
 154 56.2 53.5 80.3

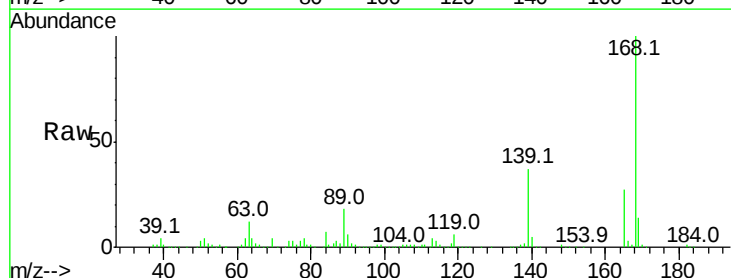


Abundance Ion 184.00 (183.70 to 184.70): E  
 Ion 63.00 (62.70 to 63.70): BF0  
 Ion 154.00 (153.70 to 154.70): E

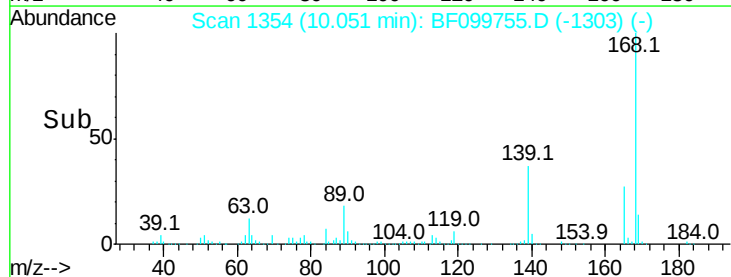
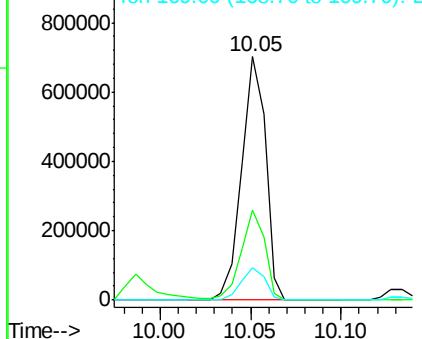


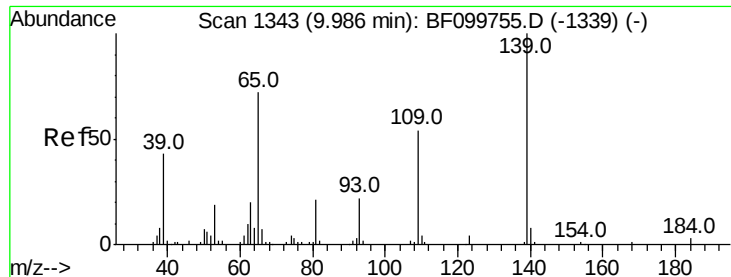
#54  
 Dibenzofuran  
 Concen: 41.066 ng  
 RT: 10.05 min Scan# 1354  
 Delta R.T. 0.00 min  
 Lab File: BF099755.D  
 Acq: 23 Oct 2017 12:42

Tgt Ion:168 Resp: 645837  
 Ion Ratio Lower Upper  
 168 100  
 139 37.0 30.1 45.1  
 169 13.5 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

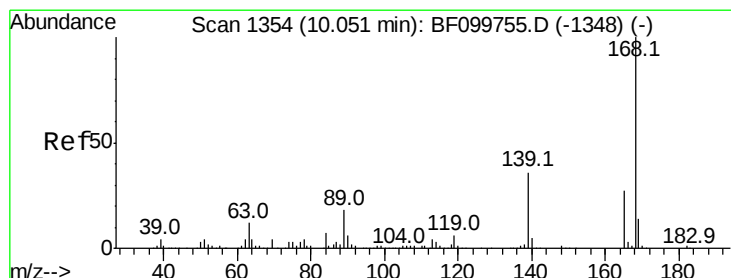
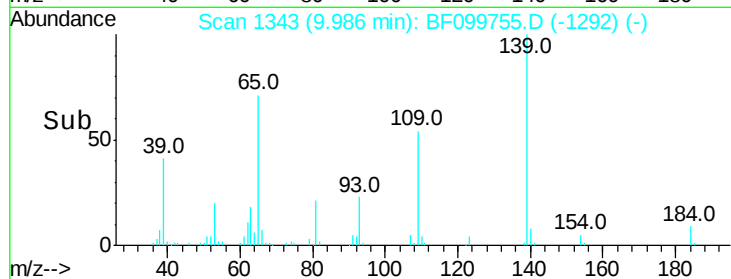
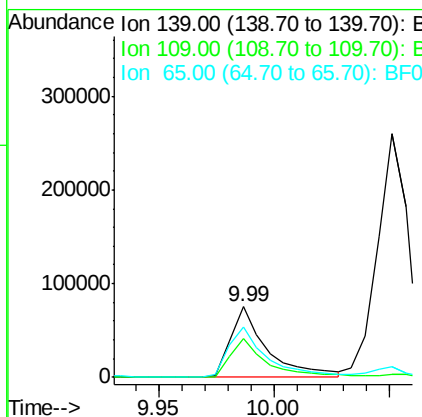
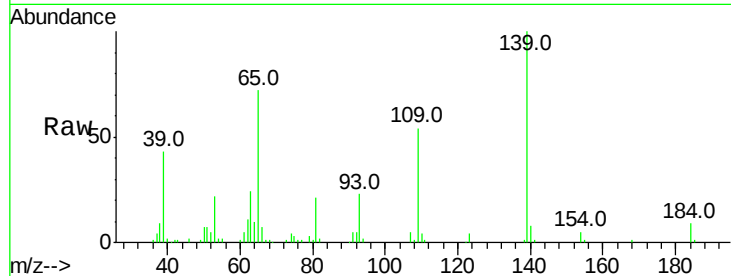




#55  
4-Nitrophenol  
Concen: 26.837 ng  
RT: 9.99 min Scan# 1343  
Delta R.T. 0.00 min  
Lab File: BF099755.D  
Acq: 23 Oct 2017 12:42

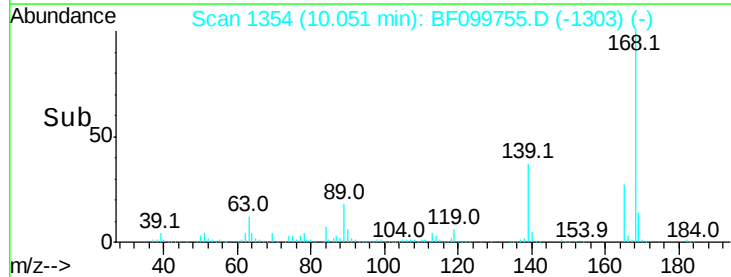
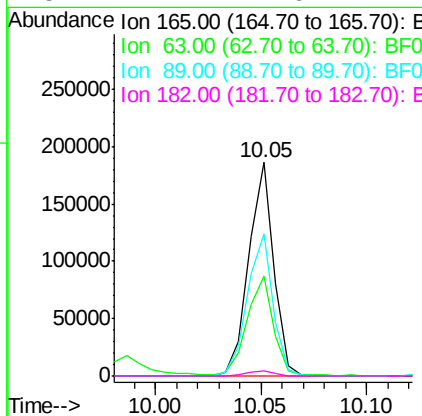
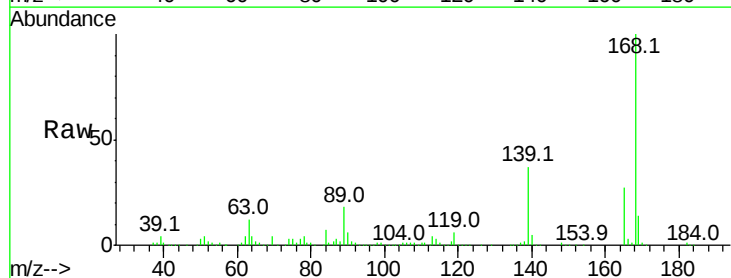
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

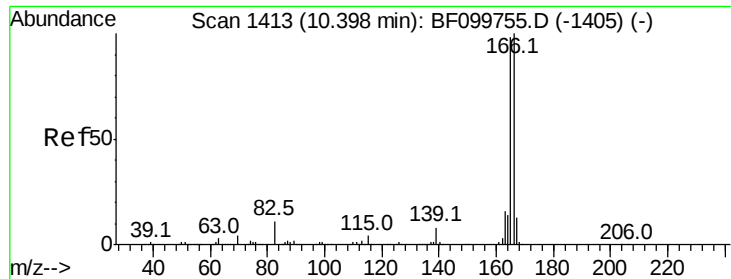
Tot Ion:139 Resp: 82068  
Ion Ratio Lower Upper  
139 100  
109 54.4 48.4 88.4  
65 71.6 72.6 112.6#



#56  
2,4-Dinitrotoluene  
Concen: 37.960 ng  
RT: 10.05 min Scan# 1354  
Delta R.T. 0.00 min  
Lab File: BF099755.D  
Acq: 23 Oct 2017 12:42

Tgt Ion:165 Resp: 152800  
Ion Ratio Lower Upper  
165 100  
63 46.9 36.4 54.6  
89 66.5 57.8 86.6  
182 2.4 1.6 2.4

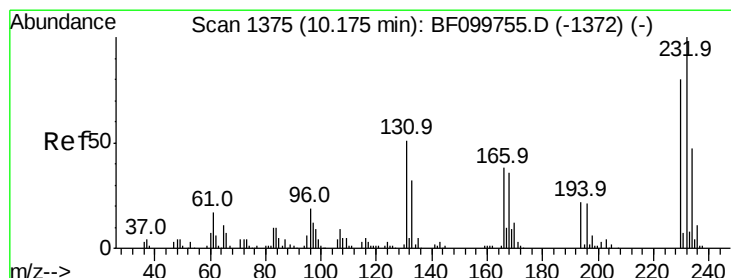
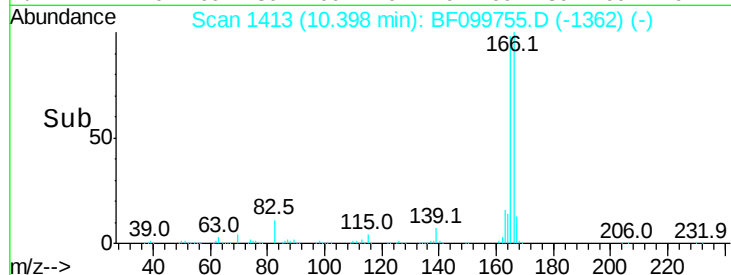
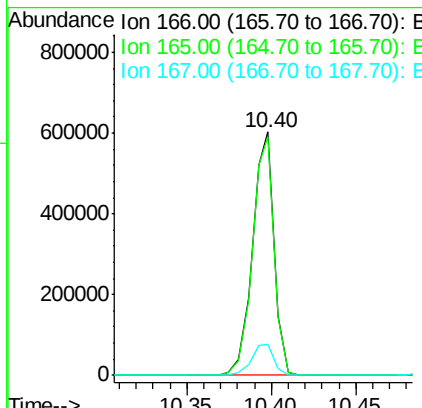
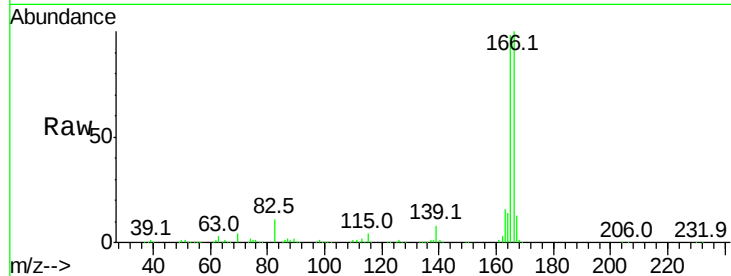




#57  
 Fluorene  
 Concen: 42.498 ng  
 RT: 10.40 min Scan# 1413  
 Delta R.T. 0.00 min  
 Lab File: BF099755.D  
 Acq: 23 Oct 2017 12:42

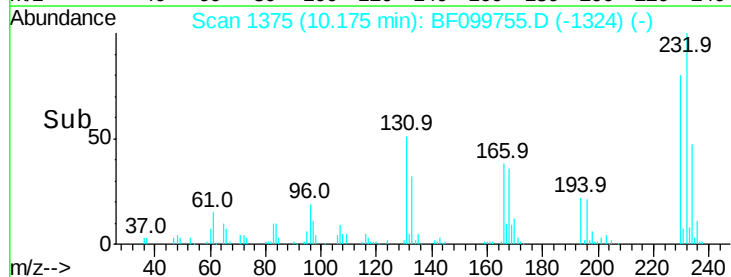
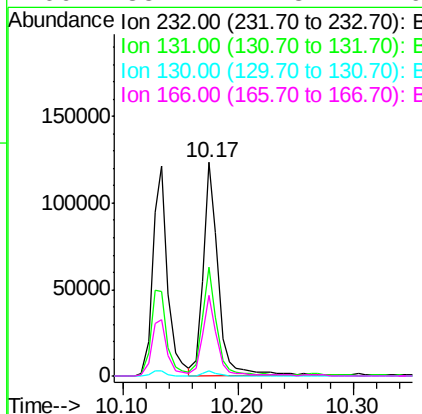
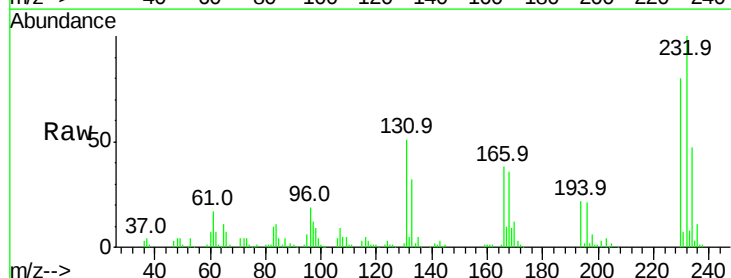
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

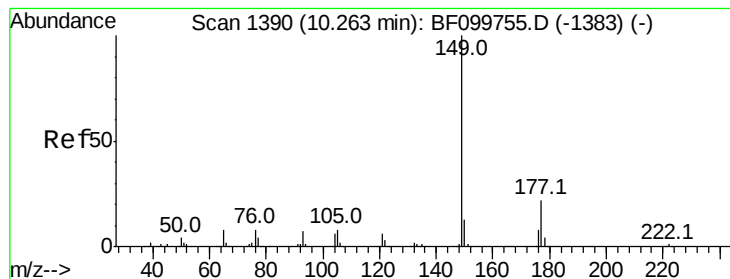
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.0  | 79.8  | 119.8 |
| 167     | 13.0  | 10.6  | 16.0  |



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 40.910 ng  
 RT: 10.17 min Scan# 1375  
 Delta R.T. 0.00 min  
 Lab File: BF099755.D  
 Acq: 23 Oct 2017 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 50.6  | 43.8  | 65.8  |
| 130     | 2.2   | 2.1   | 3.1   |
| 166     | 35.4  | 27.8  | 41.6  |





#59

Diethylphthalate

Concen: 41.662 ng

RT: 10.26 min Scan# 1390

Delta R.T. 0.00 min

Lab File: BF099755.D

Acq: 23 Oct 2017 12:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

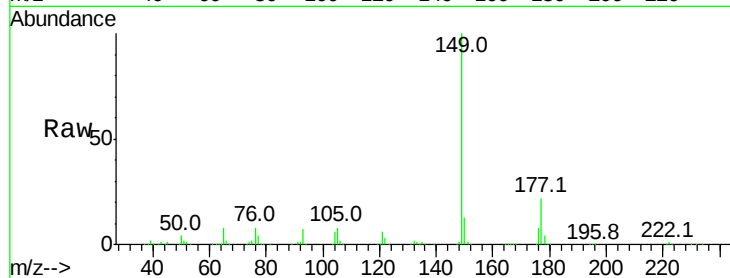
Tot Ion:149 Resp: 579987

Ion Ratio Lower Upper

149 100

177 21.6 16.1 24.1

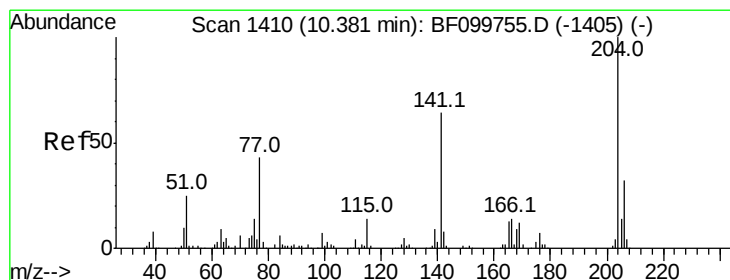
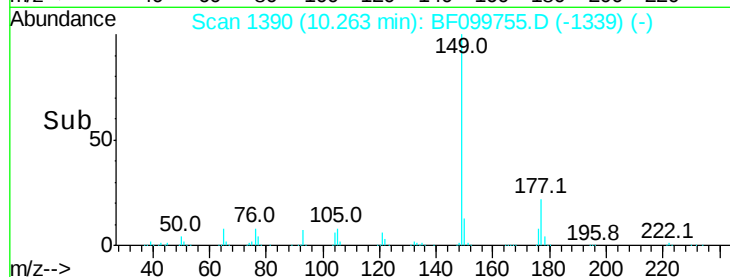
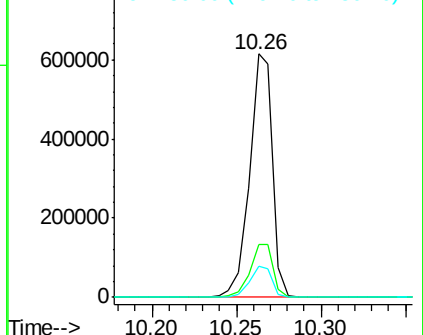
150 12.6 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.299 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.00 min

Lab File: BF099755.D

Acq: 23 Oct 2017 12:42

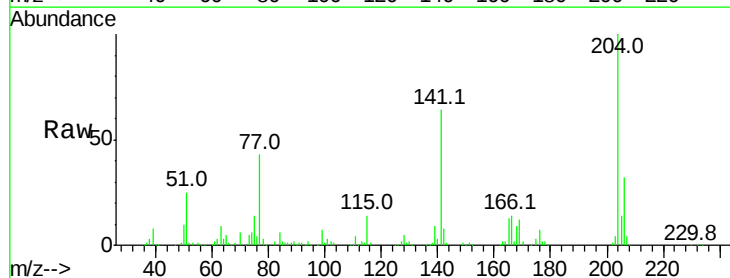
Tgt Ion:204 Resp: 251534

Ion Ratio Lower Upper

204 100

206 31.9 26.5 39.7

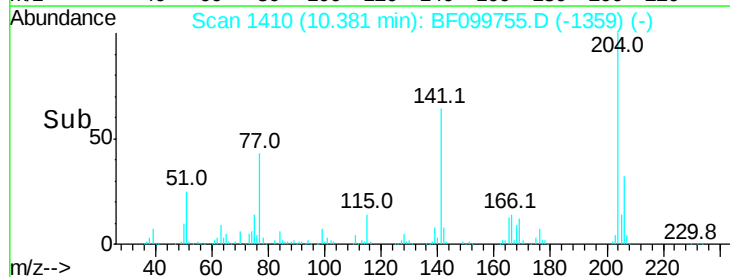
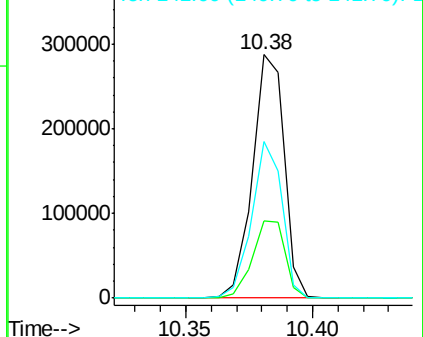
141 64.2 54.6 81.8

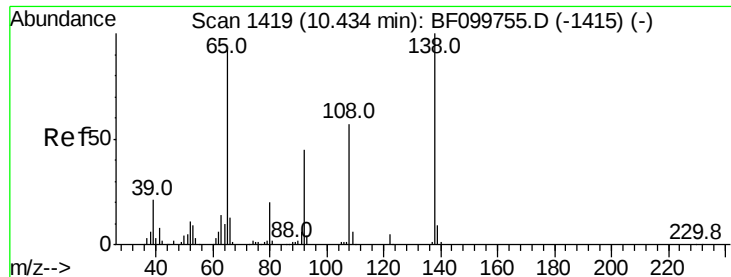


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

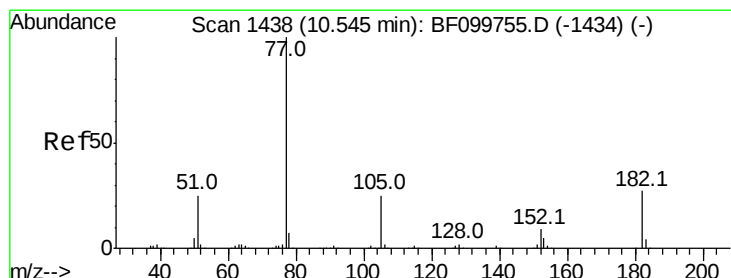
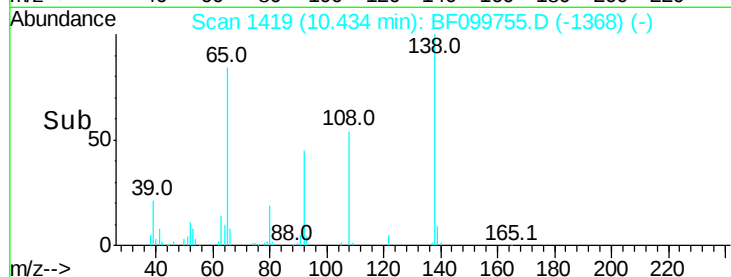
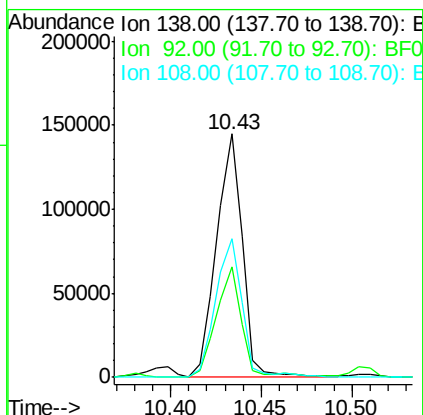
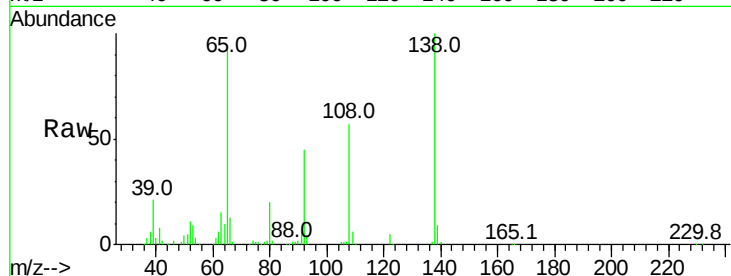




#61  
4-Nitroaniline  
Concen: 41.676 ng  
RT: 10.43 min Scan# 1419  
Delta R.T. 0.00 min  
Lab File: BF099755.D  
Acq: 23 Oct 2017 12:42

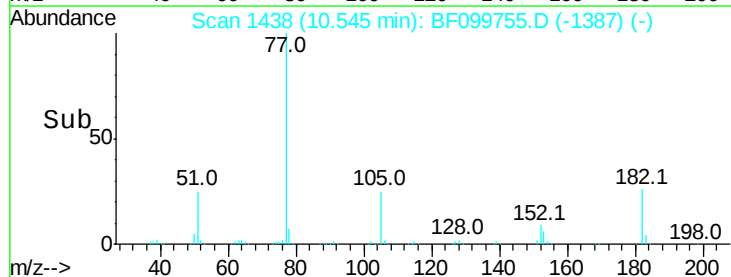
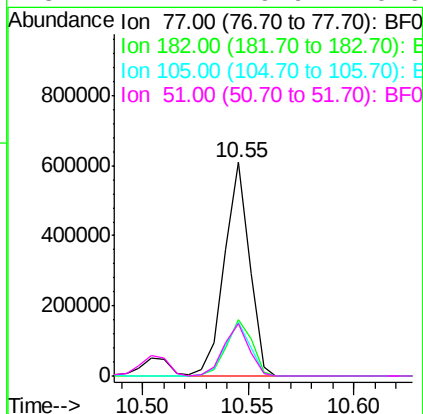
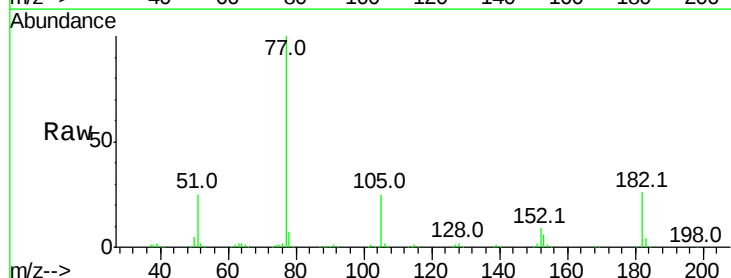
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

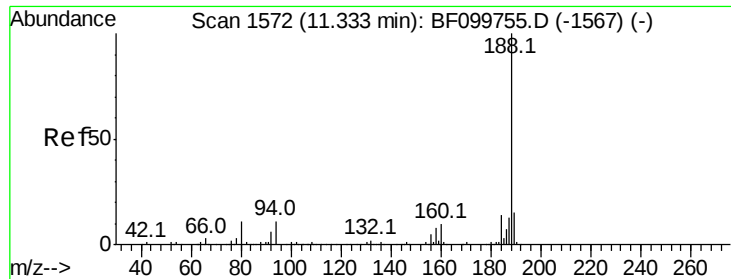
Tot Ion:138 Resp: 145412  
Ion Ratio Lower Upper  
138 100  
92 45.3 30.2 70.2  
108 56.9 52.5 92.5



#62  
Azobenzene  
Concen: 38.717 ng  
RT: 10.55 min Scan# 1438  
Delta R.T. 0.00 min  
Lab File: BF099755.D  
Acq: 23 Oct 2017 12:42

Tgt Ion: 77 Resp: 495586  
Ion Ratio Lower Upper  
77 100  
182 26.5 1.7 41.7  
105 25.2 3.0 43.0  
51 24.7 9.9 49.9

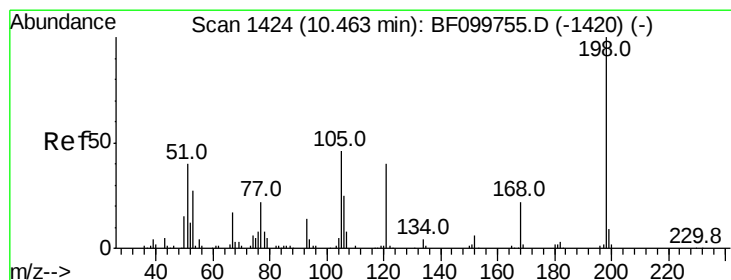
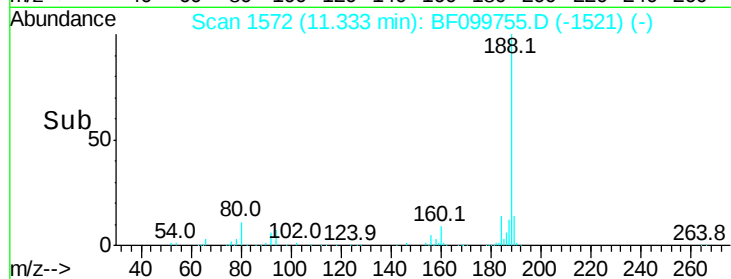
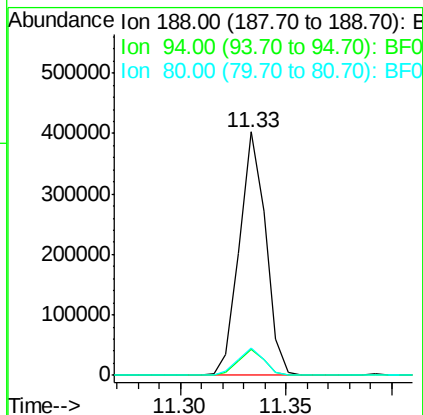
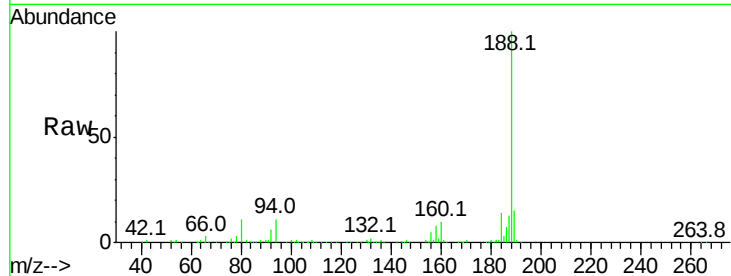




#63  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.33 min Scan# 1572  
 Delta R.T. 0.00 min  
 Lab File: BF099755.D  
 Acq: 23 Oct 2017 12:42

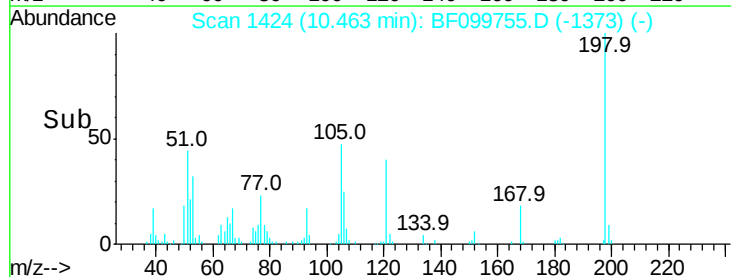
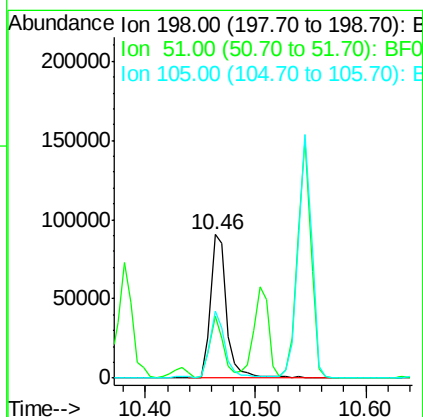
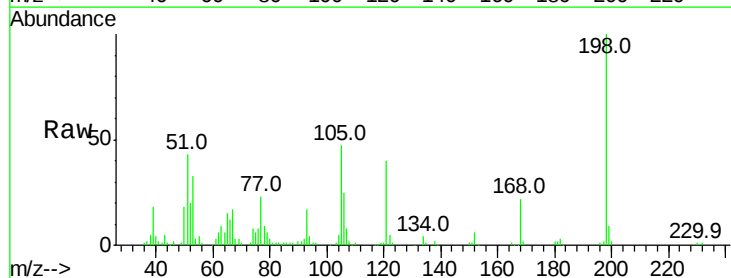
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

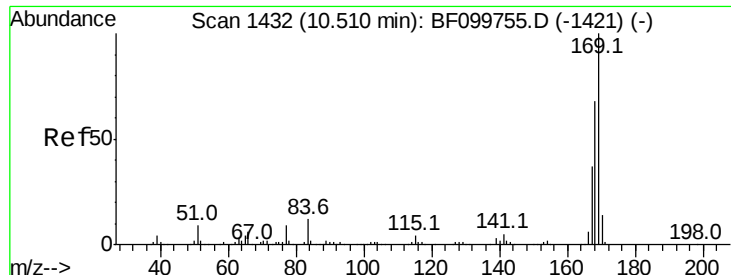
Tot Ion:188 Resp: 346399  
 Ion Ratio Lower Upper  
 188 100  
 94 10.5 8.5 12.7  
 80 11.2 9.2 13.8



#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 42.916 ng  
 RT: 10.46 min Scan# 1424  
 Delta R.T. 0.00 min  
 Lab File: BF099755.D  
 Acq: 23 Oct 2017 12:42

Tgt Ion:198 Resp: 90448  
 Ion Ratio Lower Upper  
 198 100  
 51 43.2 37.7 77.7  
 105 47.0 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 41.720 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF099755.D

Acq: 23 Oct 2017 12:42

Instrument :

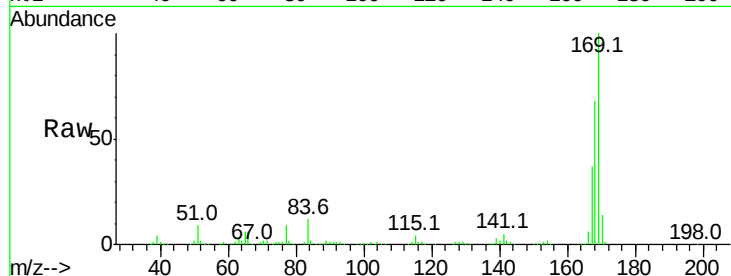
BNA\_F

ClientSampleId :

SSTDICCC040

Tot Ion:169 Resp: 500657

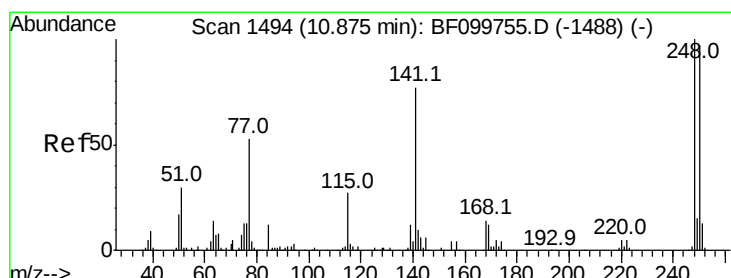
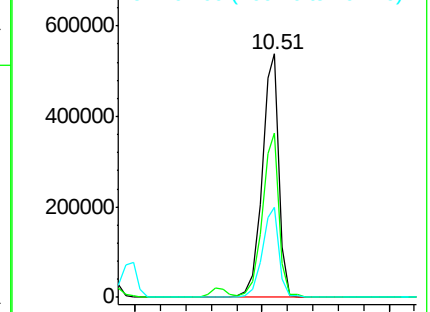
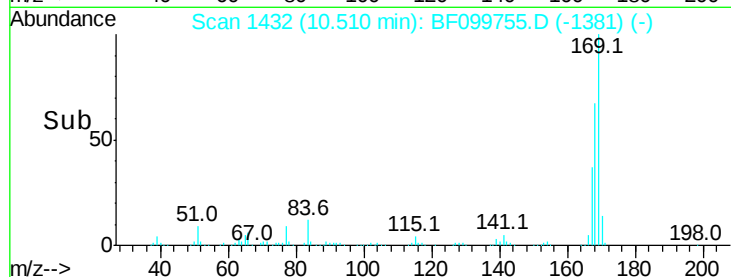
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 67.6  | 54.4  | 81.6  |
| 167 | 36.9  | 29.8  | 44.6  |



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.347 ng

RT: 10.87 min Scan# 1494

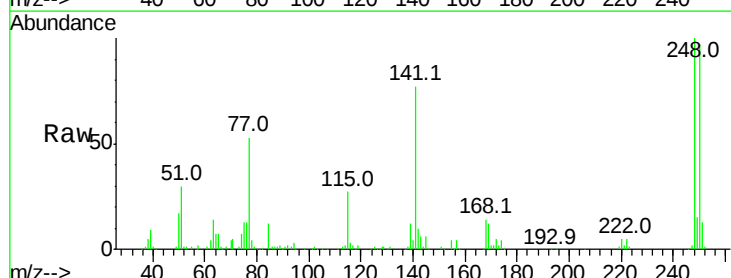
Delta R.T. 0.00 min

Lab File: BF099755.D

Acq: 23 Oct 2017 12:42

Tgt Ion:248 Resp: 143586

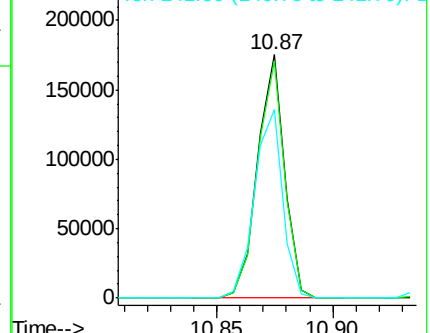
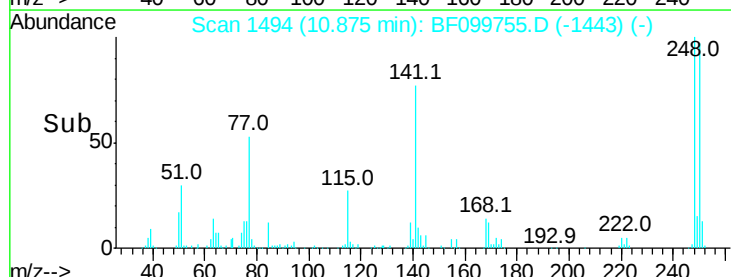
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 248 | 100   |       |       |
| 250 | 97.5  | 76.9  | 115.3 |
| 141 | 77.4  | 74.4  | 111.6 |

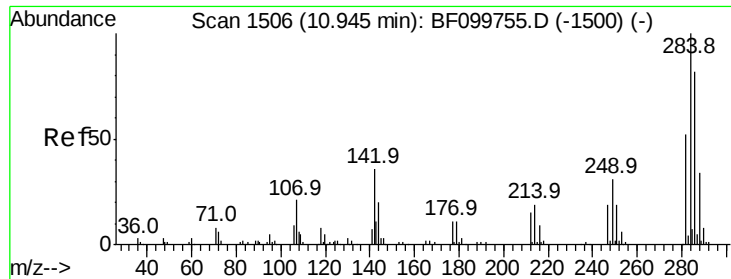


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

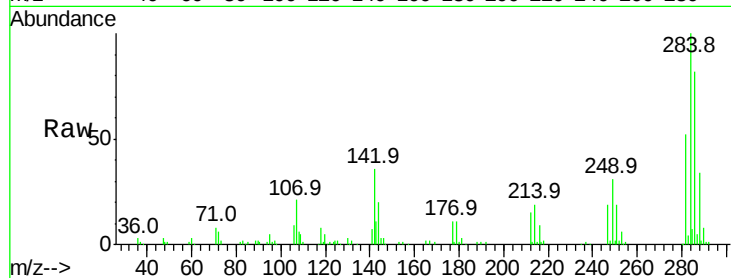




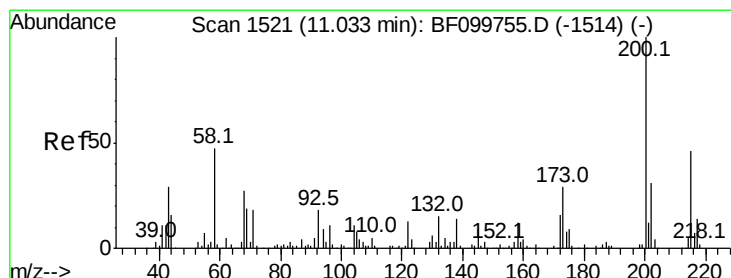
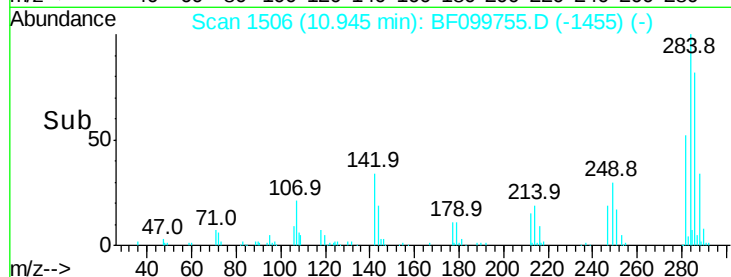
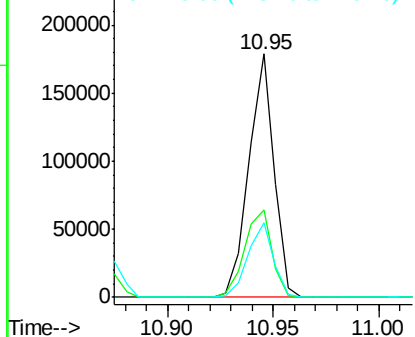
#67  
Hexachlorobenzene  
Concen: 40.919 ng  
RT: 10.95 min Scan# 1506  
Delta R.T. 0.00 min  
Lab File: BF099755.D  
Acq: 23 Oct 2017 12:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 36.0  | 34.6  | 52.0  |
| 249     | 30.8  | 24.8  | 37.2  |

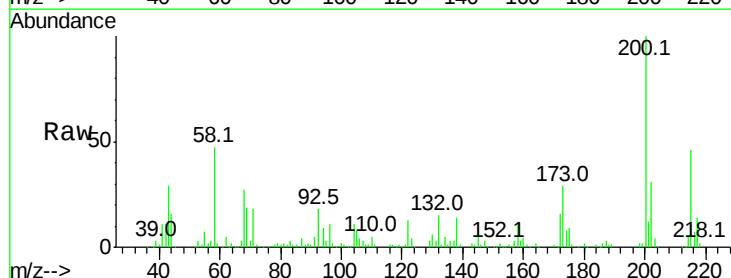


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

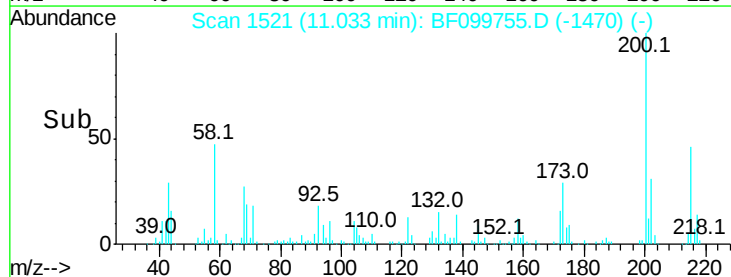
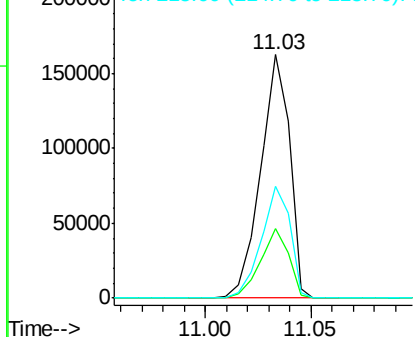


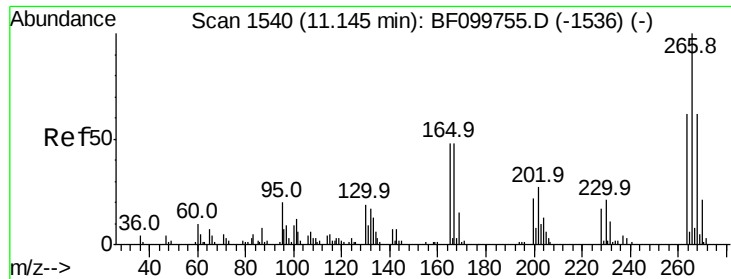
#68  
Atrazine  
Concen: 43.088 ng  
RT: 11.03 min Scan# 1521  
Delta R.T. 0.00 min  
Lab File: BF099755.D  
Acq: 23 Oct 2017 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 28.6  | 8.6   | 48.6  |
| 215     | 45.7  | 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

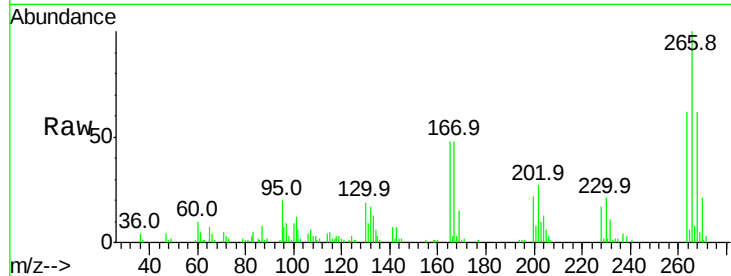




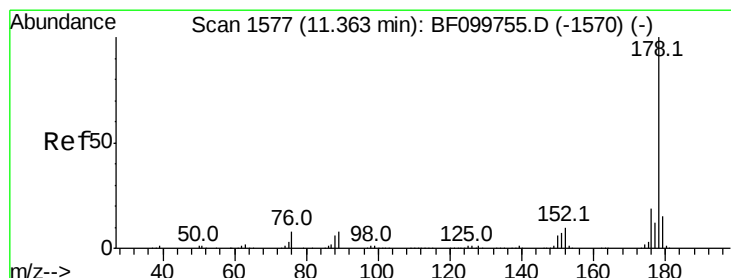
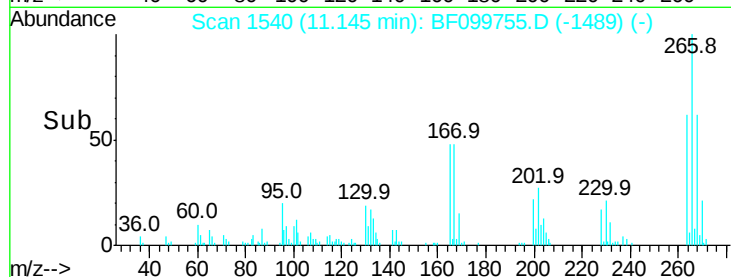
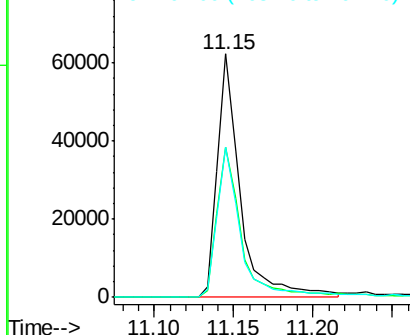
#69  
 Pentachlorophenol  
 Concen: 28.093 ng  
 RT: 11.15 min Scan# 1540  
 Delta R.T. 0.00 min  
 Lab File: BF099755.D  
 Acq: 23 Oct 2017 12:42

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 61.7  | 51.1  | 76.7  |
| 264     | 61.6  | 49.5  | 74.3  |

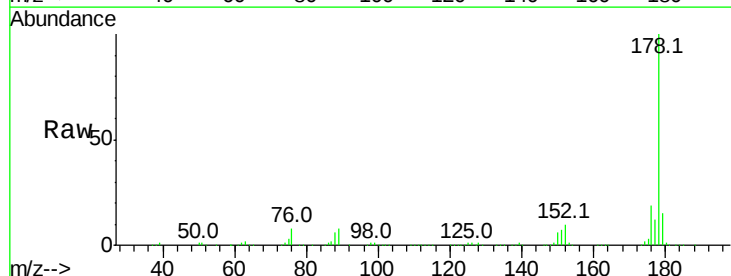


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

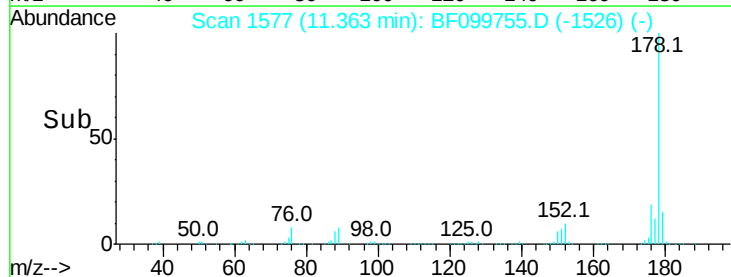
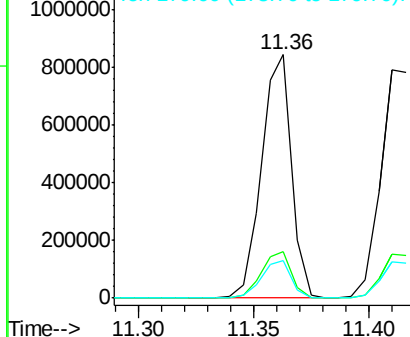


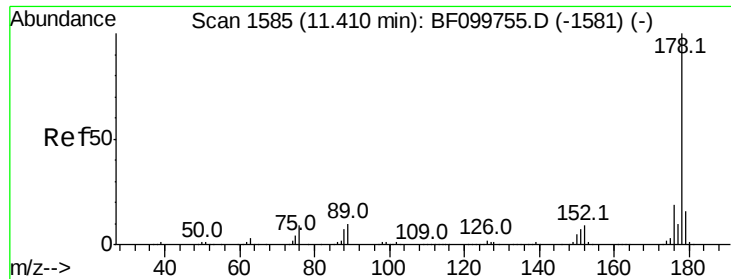
#70  
 Phenanthrene  
 Concen: 41.301 ng  
 RT: 11.36 min Scan# 1577  
 Delta R.T. 0.00 min  
 Lab File: BF099755.D  
 Acq: 23 Oct 2017 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.2  | 15.8  | 23.8  |
| 179     | 15.4  | 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: 40.775 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF099755.D

Acq: 23 Oct 2017 12:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

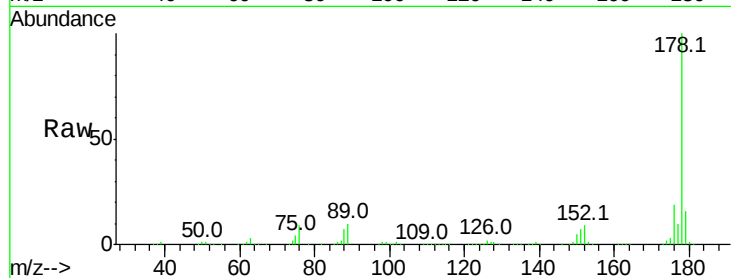
Tot Ion:178 Resp: 773578

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

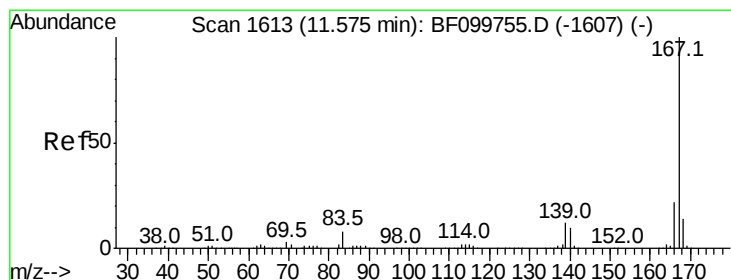
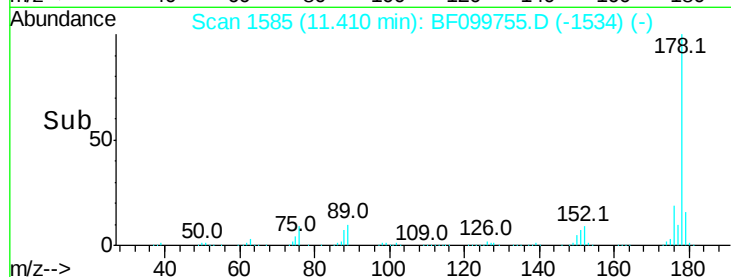
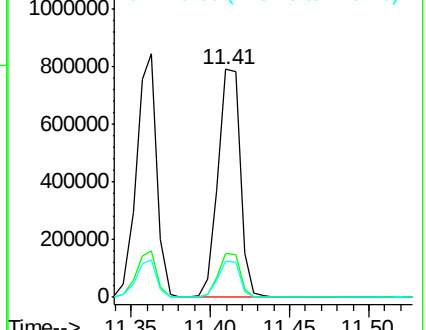
179 15.7 12.6 19.0



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: 39.597 ng

RT: 11.57 min Scan# 1613

Delta R.T. 0.00 min

Lab File: BF099755.D

Acq: 23 Oct 2017 12:42

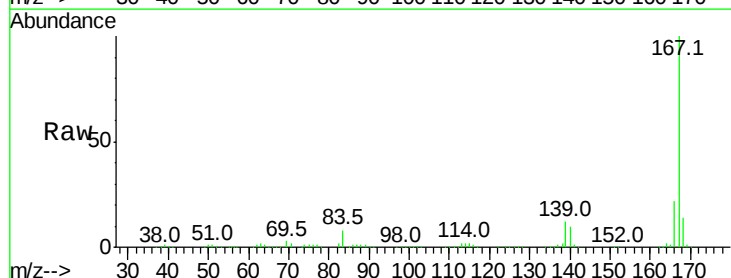
Tgt Ion:167 Resp: 735662

Ion Ratio Lower Upper

167 100

166 21.6 17.6 26.4

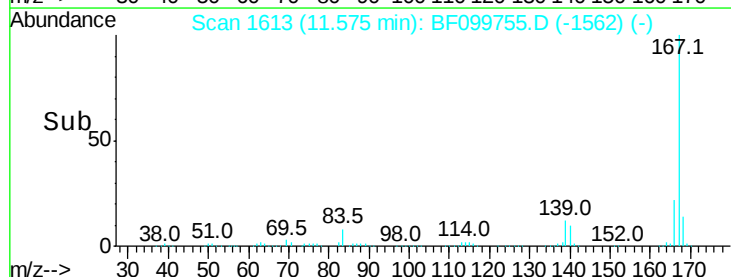
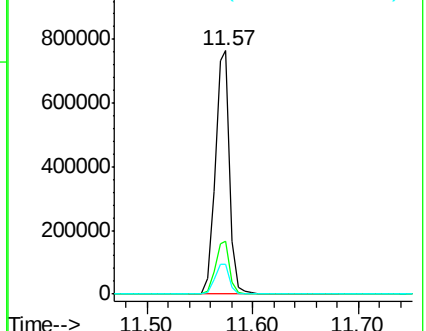
139 12.4 10.9 16.3

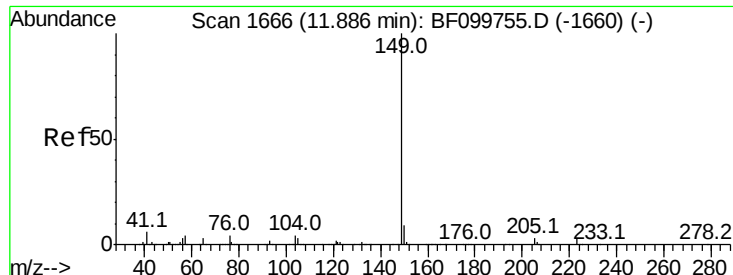


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

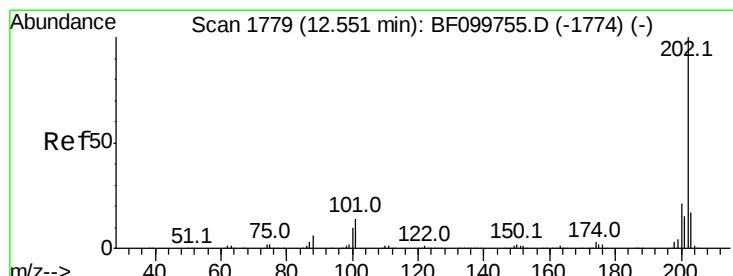
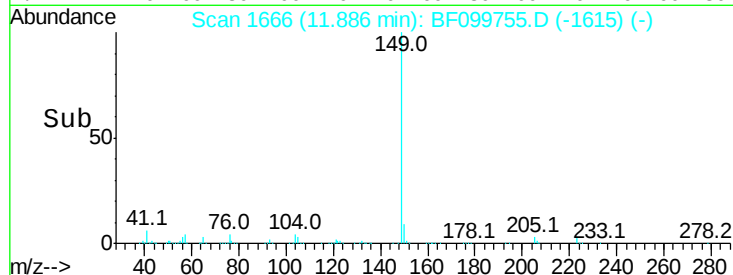
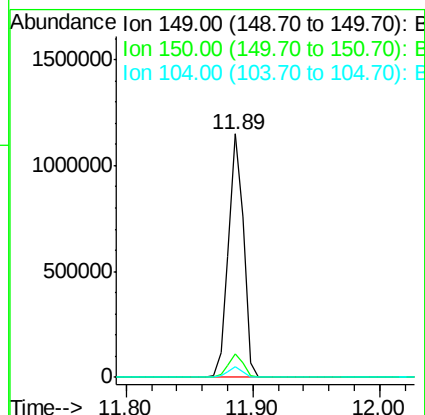
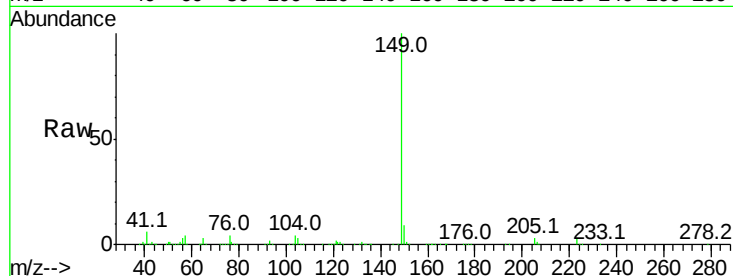




#73  
Di-n-butylphthalate  
Concen: 42.393 ng  
RT: 11.89 min Scan# 1666  
Delta R.T. 0.00 min  
Lab File: BF099755.D  
Acq: 23 Oct 2017 12:42

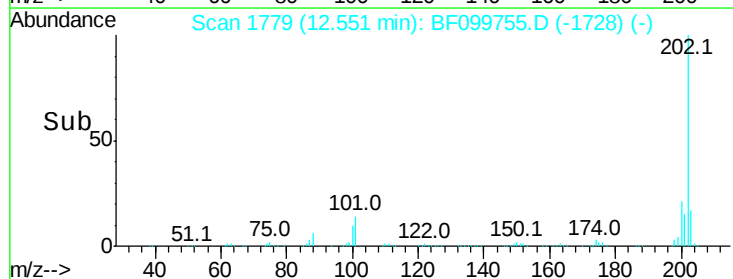
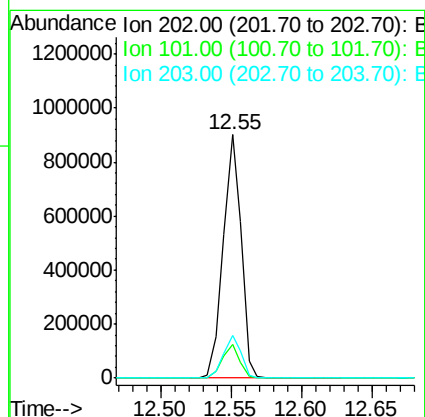
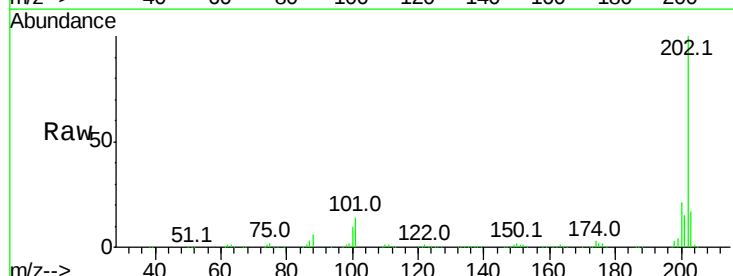
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

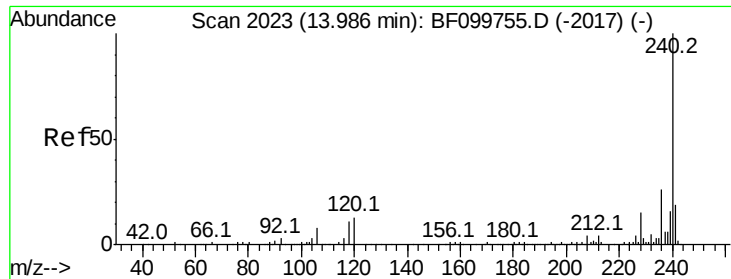
Tot Ion:149 Resp: 948011  
Ion Ratio Lower Upper  
149 100  
150 9.5 7.8 11.6  
104 4.2 3.8 5.8



#74  
Fluoranthene  
Concen: 42.578 ng  
RT: 12.55 min Scan# 1779  
Delta R.T. 0.00 min  
Lab File: BF099755.D  
Acq: 23 Oct 2017 12:42

Tgt Ion:202 Resp: 799430  
Ion Ratio Lower Upper  
202 100  
101 13.7 0.0 34.1  
203 17.3 0.0 38.1

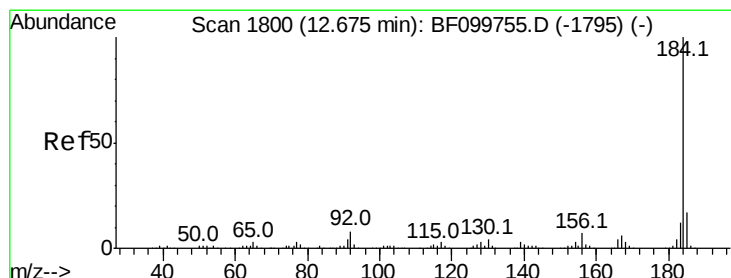
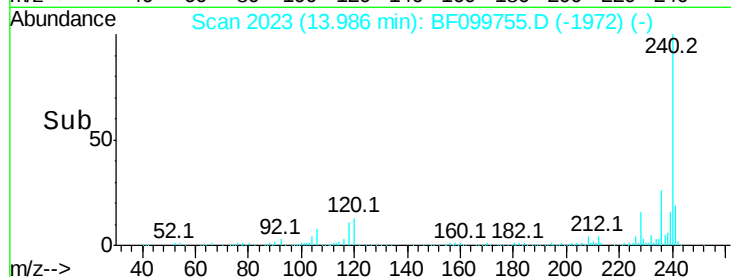
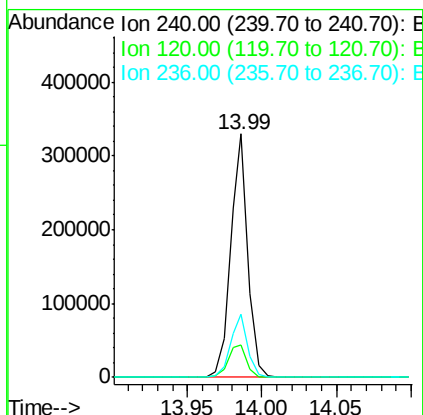
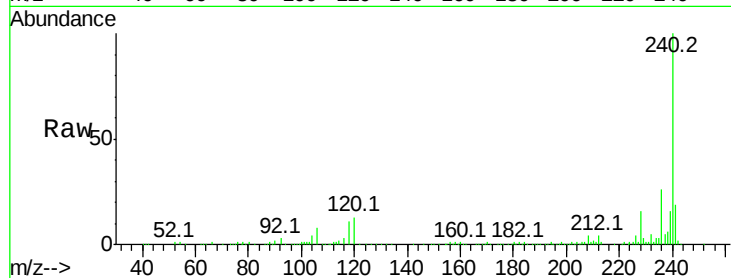




#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.99 min Scan# 2023  
Delta R.T. 0.00 min  
Lab File: BF099755.D  
Acq: 23 Oct 2017 12:42

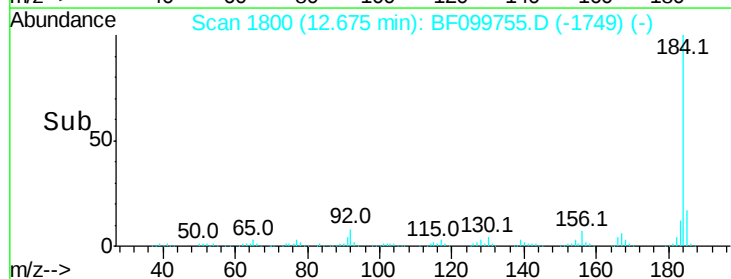
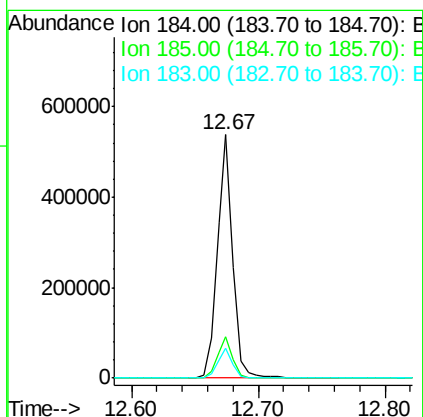
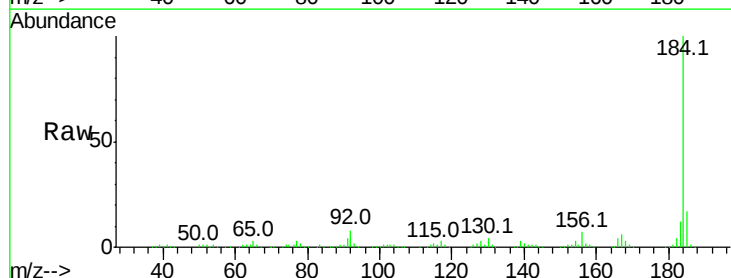
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

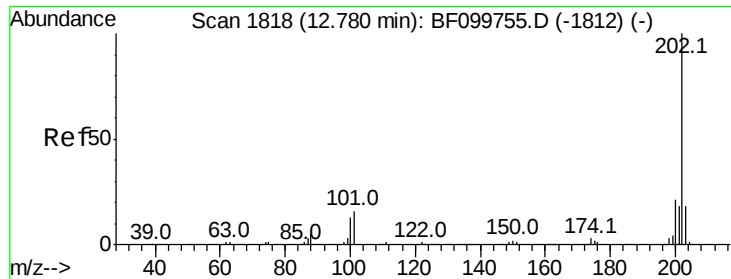
Tot Ion:240 Resp: 266296  
Ion Ratio Lower Upper  
240 100  
120 13.3 9.5 14.3  
236 26.1 20.7 31.1



#76  
Benzidine  
Concen: 46.417 ng  
RT: 12.67 min Scan# 1800  
Delta R.T. 0.00 min  
Lab File: BF099755.D  
Acq: 23 Oct 2017 12:42

Tgt Ion:184 Resp: 457181  
Ion Ratio Lower Upper  
184 100  
185 17.1 12.6 18.8  
183 12.4 9.3 13.9

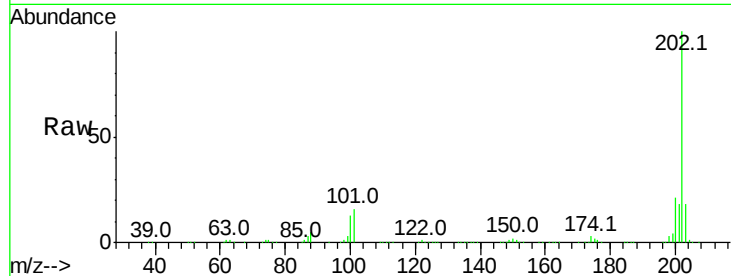




#77  
Pvrene  
Concen: 40.226 ng  
RT: 12.78 min Scan# 1818  
Delta R.T. 0.00 min  
Lab File: BF099755.D  
Acq: 23 Oct 2017 12:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.1  | 17.4  | 26.2  |
| 203     | 17.7  | 14.3  | 21.5  |

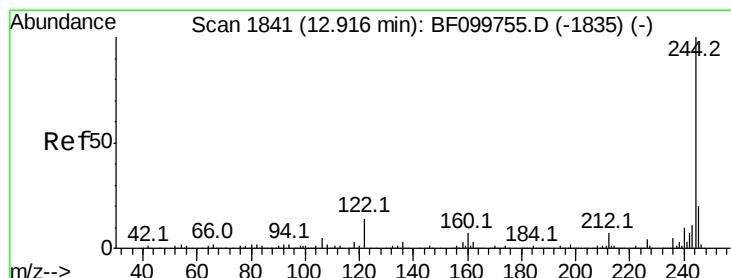
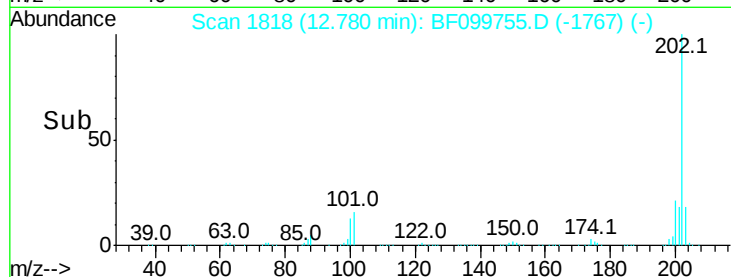
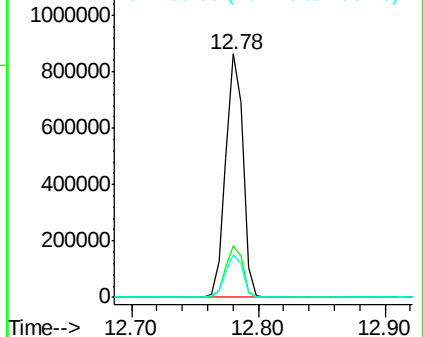


Abundance

Ion 202.00 (201.70 to 202.70): E

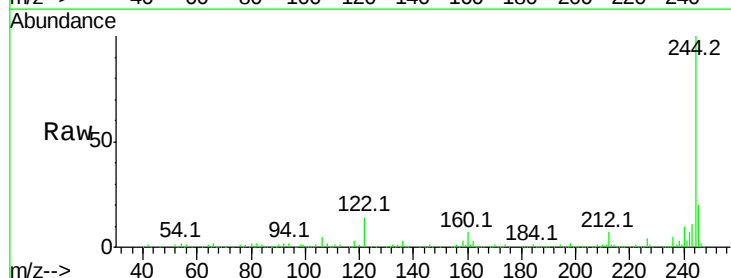
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78  
Terphenyl-d14  
Concen: 81.875 ng  
RT: 12.92 min Scan# 1841  
Delta R.T. 0.00 min  
Lab File: BF099755.D  
Acq: 23 Oct 2017 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.0   | 5.4   | 8.0   |
| 122     | 13.6  | 11.0  | 16.4  |

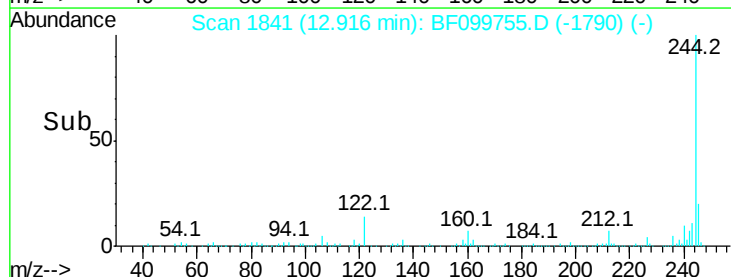
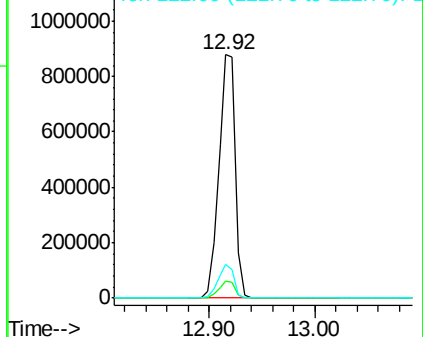


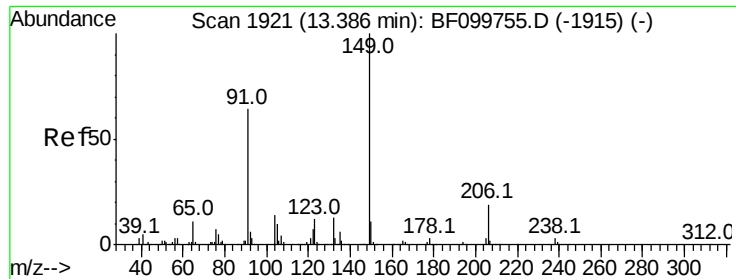
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

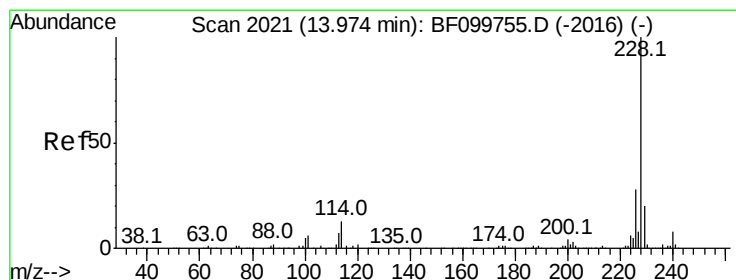
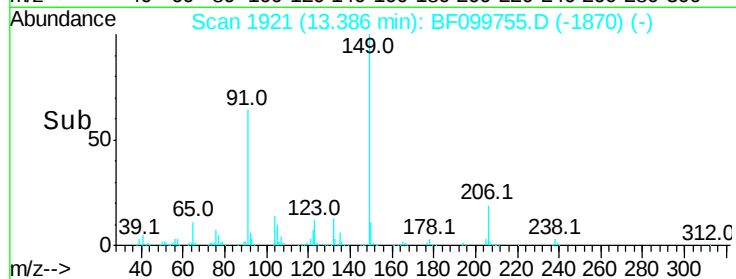
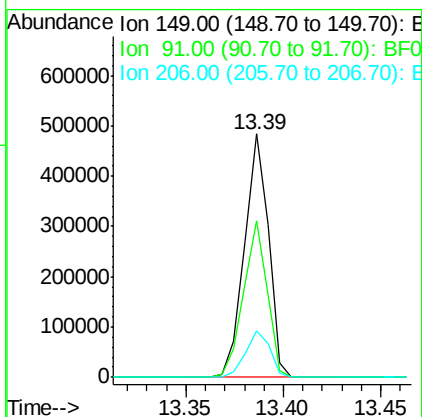
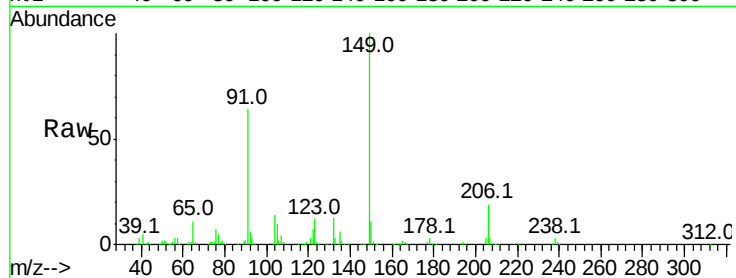




#79  
Butylbenzylphthalate  
Concen: 43.211 ng  
RT: 13.39 min Scan# 1921  
Delta R.T. 0.00 min  
Lab File: BF099755.D  
Acq: 23 Oct 2017 12:42

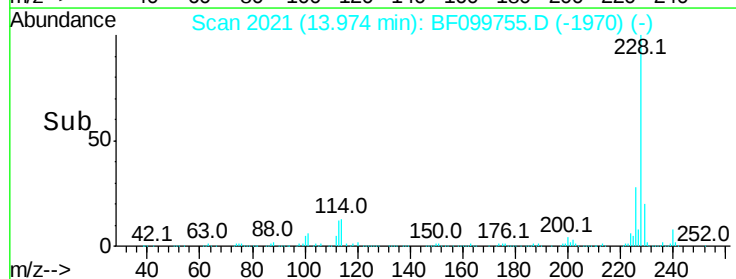
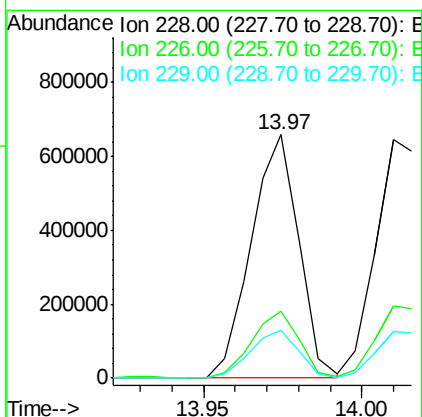
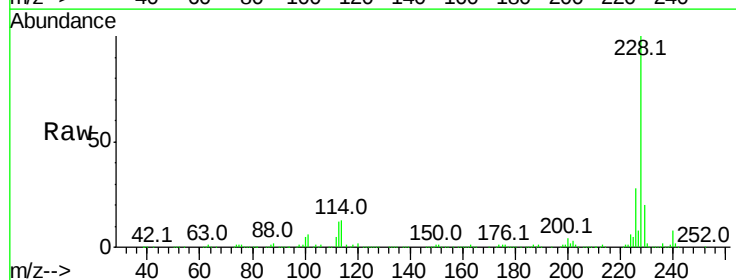
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

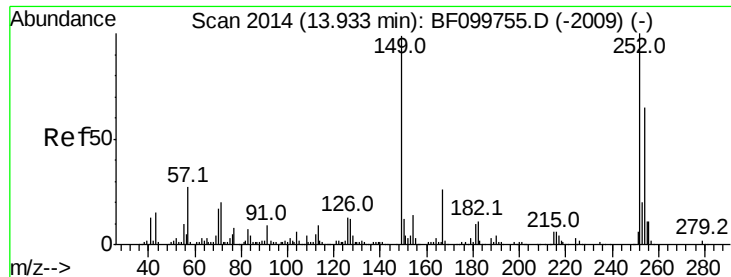
Tot Ion:149 Resp: 412378  
Ion Ratio Lower Upper  
149 100  
91 64.1 56.8 85.2  
206 19.1 14.1 21.1



#80  
Benzo(a)anthracene  
Concen: 42.446 ng  
RT: 13.97 min Scan# 2021  
Delta R.T. 0.00 min  
Lab File: BF099755.D  
Acq: 23 Oct 2017 12:42

Tgt Ion:228 Resp: 684441  
Ion Ratio Lower Upper  
228 100  
226 27.7 22.6 33.8  
229 19.6 15.8 23.6

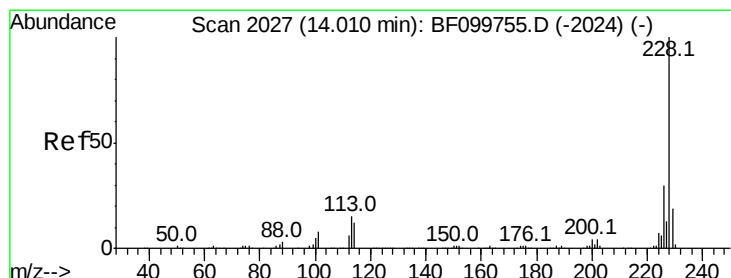
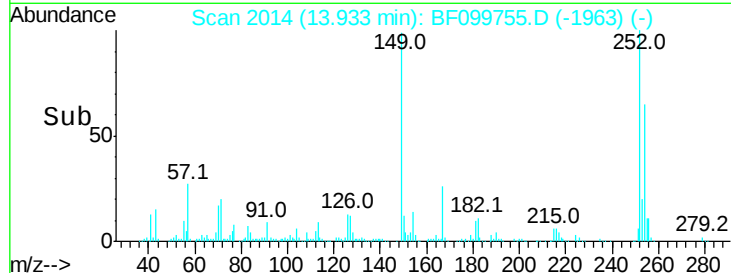
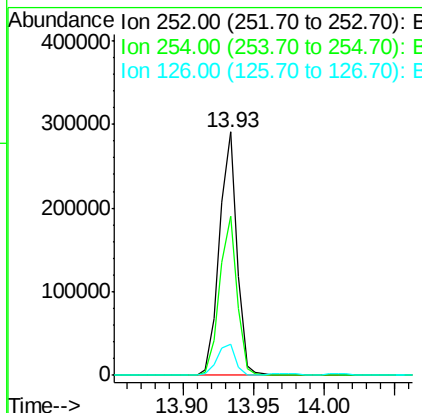
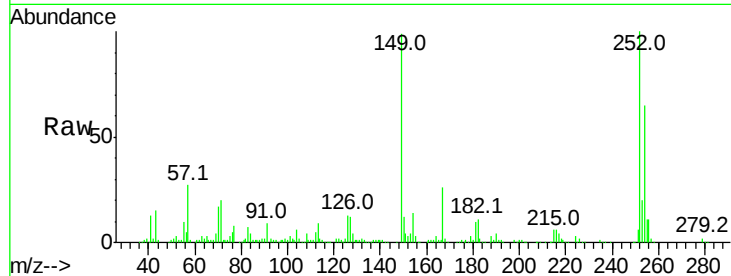




#81  
 3,3'-Dichlorobenzidine  
 Concen: 42.383 ng  
 RT: 13.93 min Scan# 2014  
 Delta R.T. 0.00 min  
 Lab File: BF099755.D  
 Acq: 23 Oct 2017 12:42

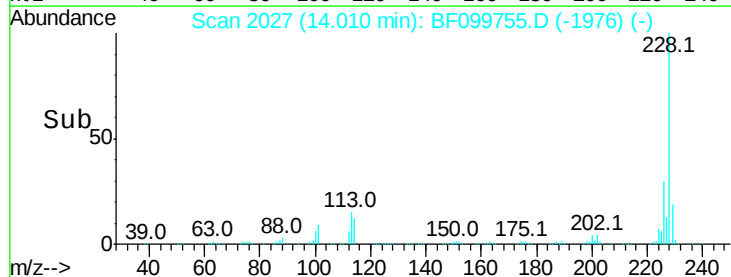
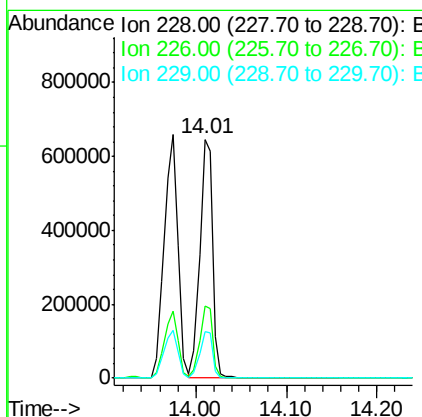
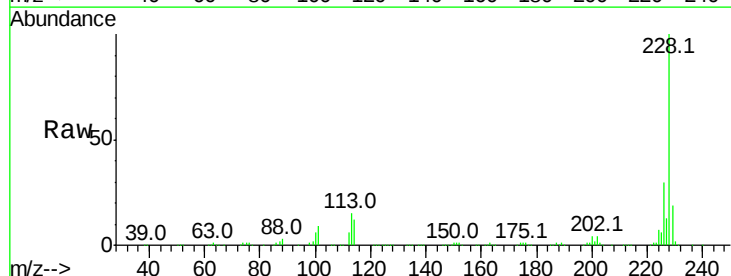
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

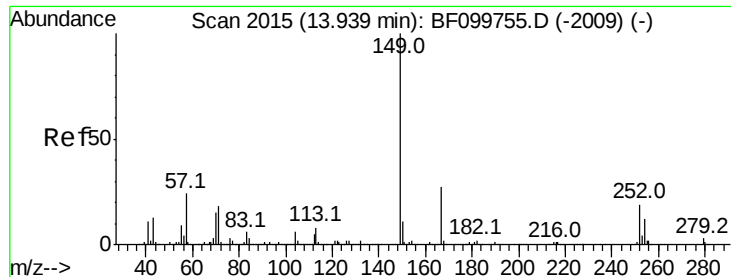
Tot Ion:252 Resp: 250536  
 Ion Ratio Lower Upper  
 252 100  
 254 65.2 50.4 75.6  
 126 13.0 11.3 16.9



#82  
 Chrysene  
 Concen: 41.799 ng  
 RT: 14.01 min Scan# 2027  
 Delta R.T. 0.00 min  
 Lab File: BF099755.D  
 Acq: 23 Oct 2017 12:42

Tgt Ion:228 Resp: 641676  
 Ion Ratio Lower Upper  
 228 100  
 226 30.0 25.0 37.6  
 229 19.5 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.223 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BF099755.D

Acq: 23 Oct 2017 12:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

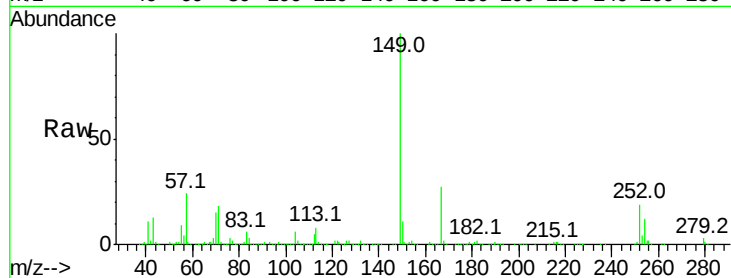
Tot Ion:149 Resp: 554836

Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

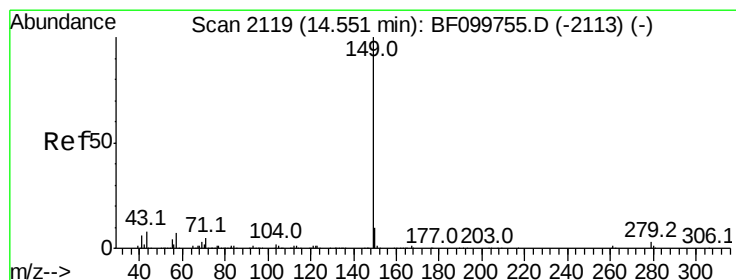
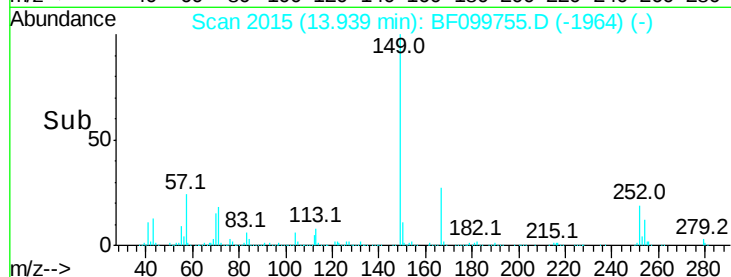
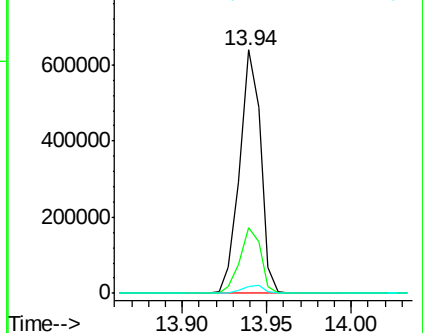
279 2.9 3.0 4.4#



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: 46.649 ng

RT: 14.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: BF099755.D

Acq: 23 Oct 2017 12:42

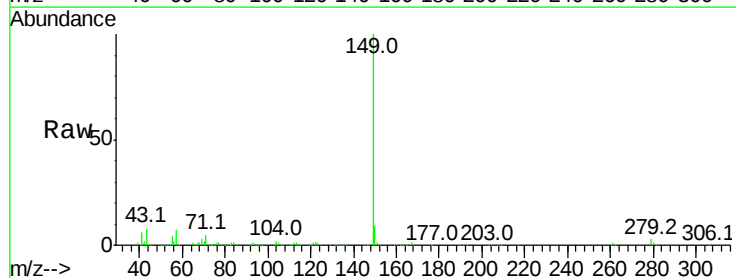
Tgt Ion:149 Resp: 987072

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

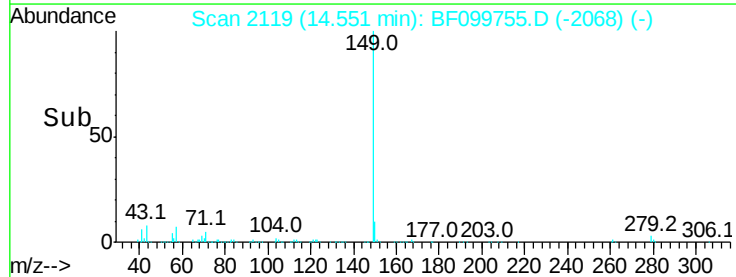
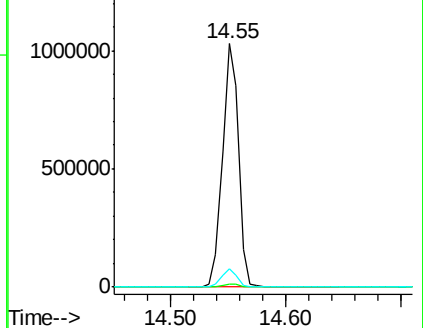
43 7.6 8.4 12.6#

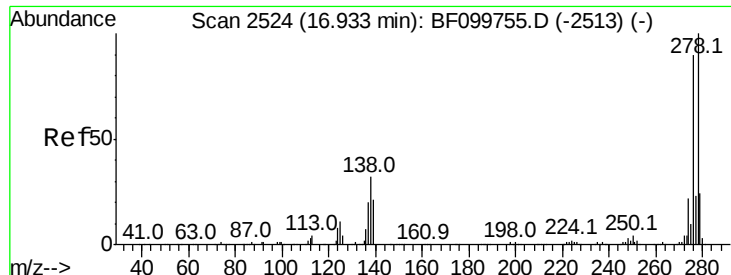


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

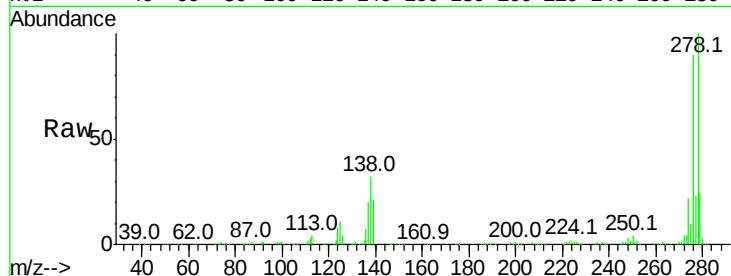




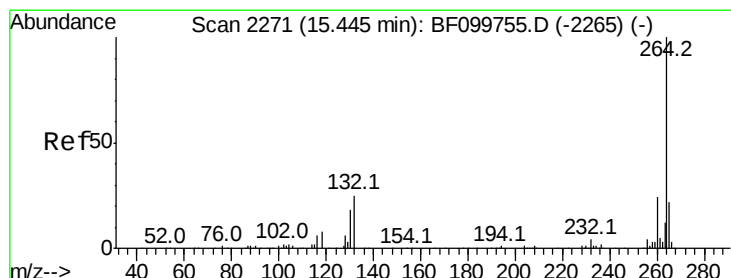
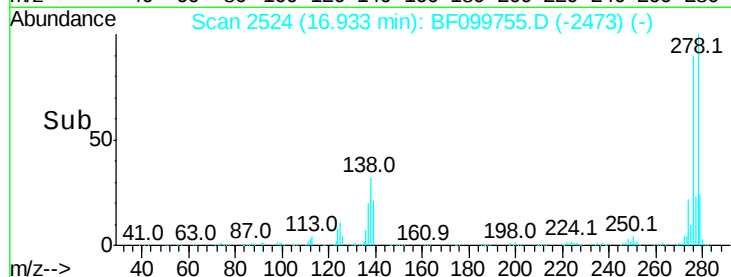
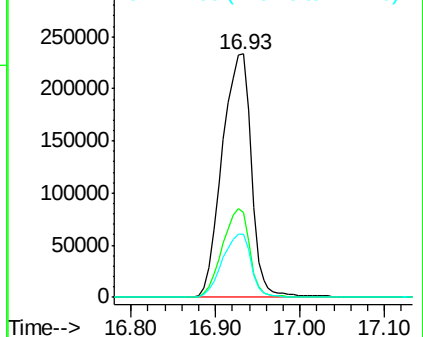
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 45.476 ng  
 RT: 16.93 min Scan# 2524  
 Delta R.T. 0.00 min  
 Lab File: BF099755.D  
 Acq: 23 Oct 2017 12:42

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 34.3  | 25.0  | 37.6  |
| 277     | 25.5  | 20.1  | 30.1  |

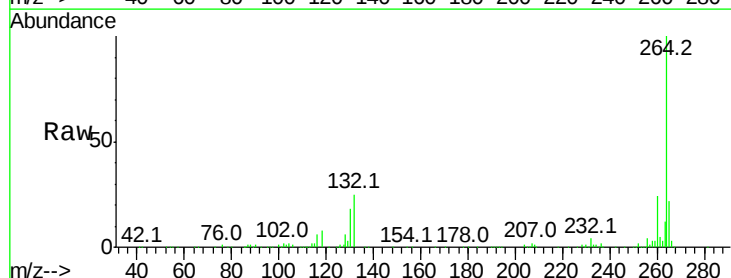


Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

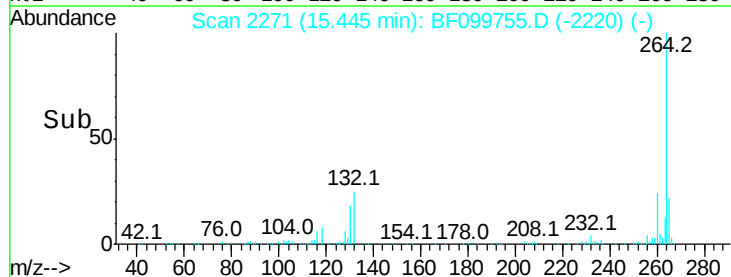
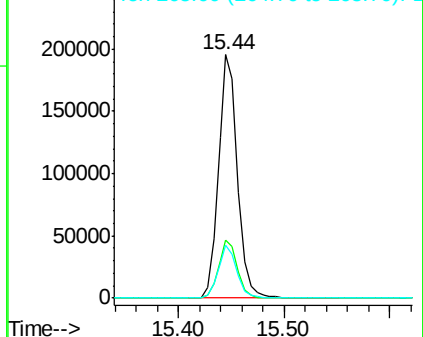


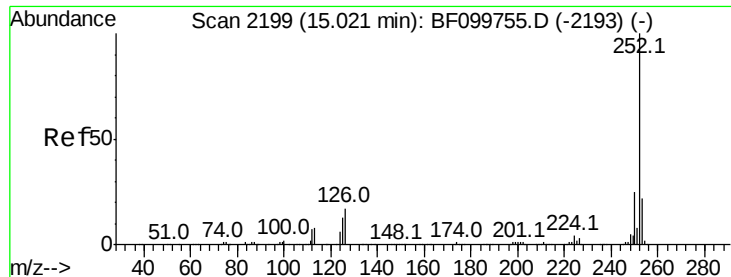
#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.44 min Scan# 2271  
 Delta R.T. 0.00 min  
 Lab File: BF099755.D  
 Acq: 23 Oct 2017 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.7  | 19.2  | 28.8  |
| 265     | 21.8  | 17.5  | 26.3  |



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

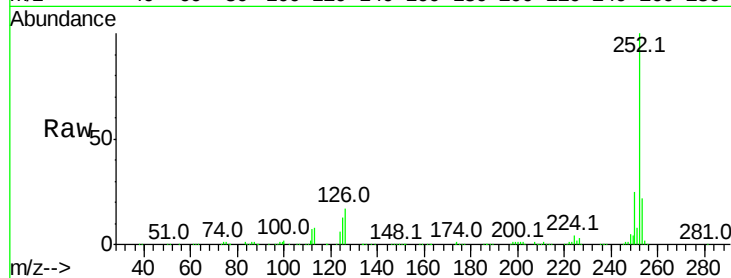




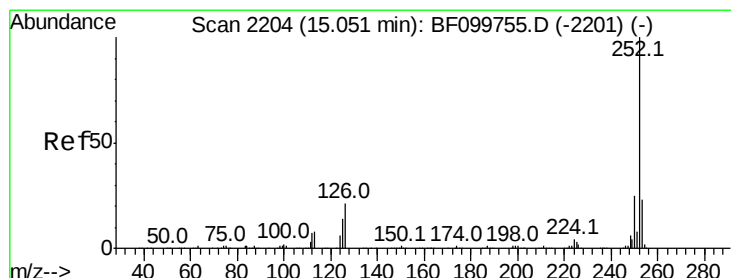
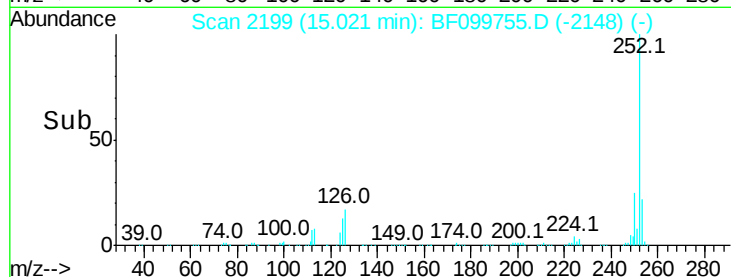
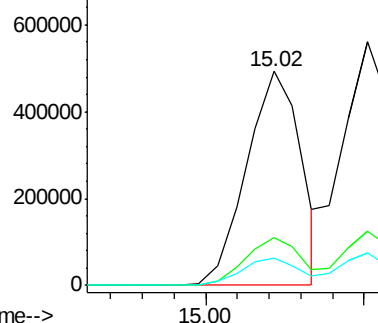
#87  
Benzo(b)fluoranthene  
Concen: 39.228 ng  
RT: 15.02 min Scan# 2199  
Delta R.T. 0.00 min  
Lab File: BF099755.D  
Acq: 23 Oct 2017 12:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

Tot Ion:252 Resp: 591155  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.0 25.6  
125 13.0 9.0 13.6

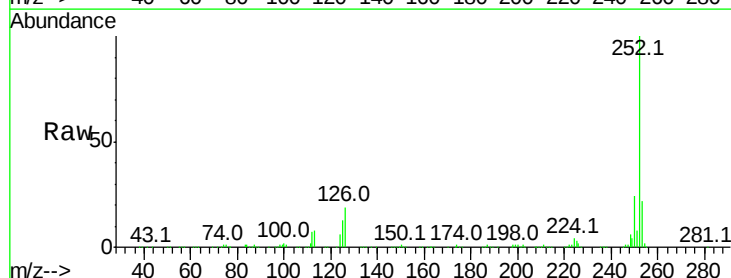


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

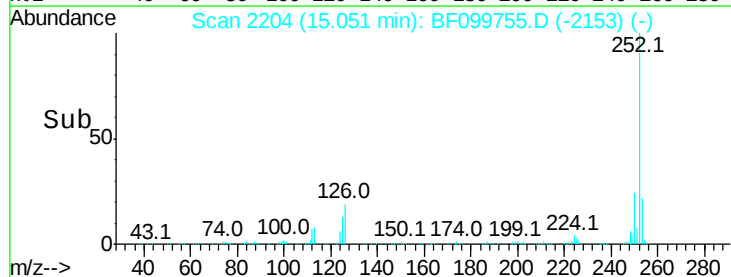
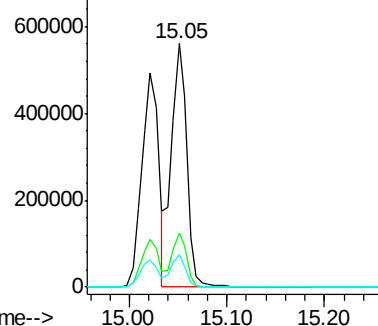


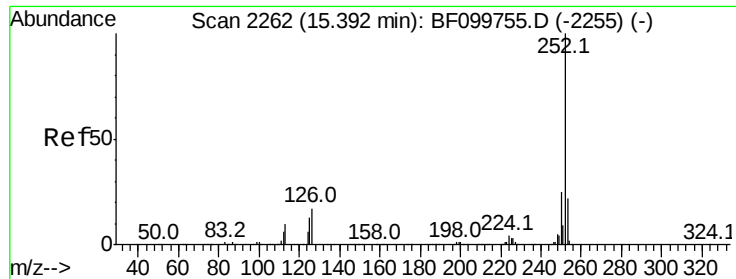
#88  
Benzo(k)fluoranthene  
Concen: 41.337 ng  
RT: 15.05 min Scan# 2204  
Delta R.T. 0.00 min  
Lab File: BF099755.D  
Acq: 23 Oct 2017 12:42

Tgt Ion:252 Resp: 615275  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.9 26.9  
125 13.5 10.2 15.2



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

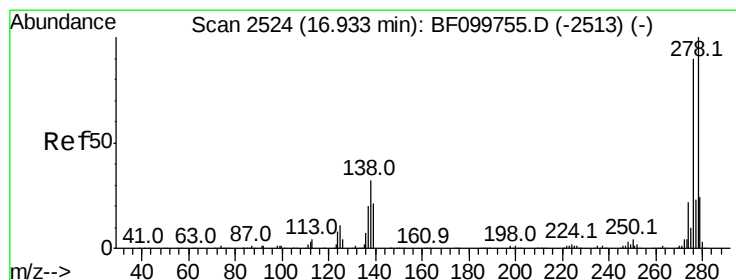
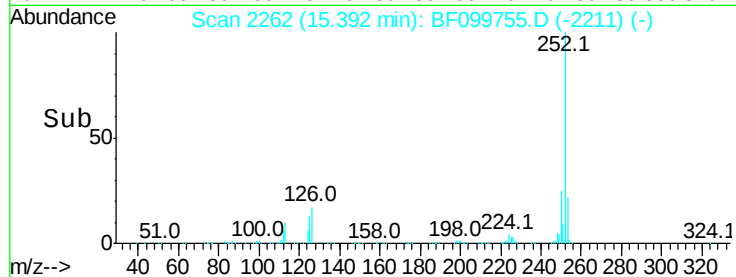
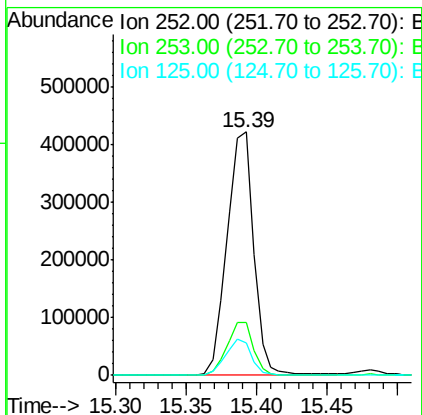
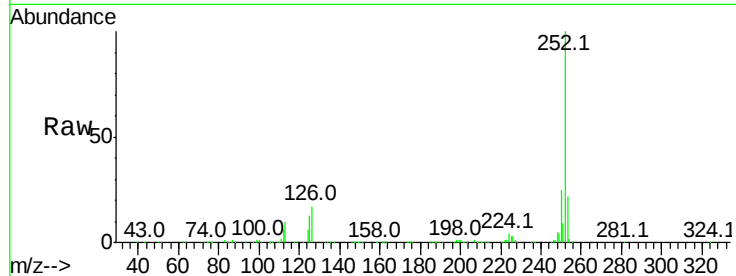




#89  
Benzo(a)pyrene  
Concen: 40.399 ng  
RT: 15.39 min Scan# 2262  
Delta R.T. 0.00 min  
Lab File: BF099755.D  
Acq: 23 Oct 2017 12:42

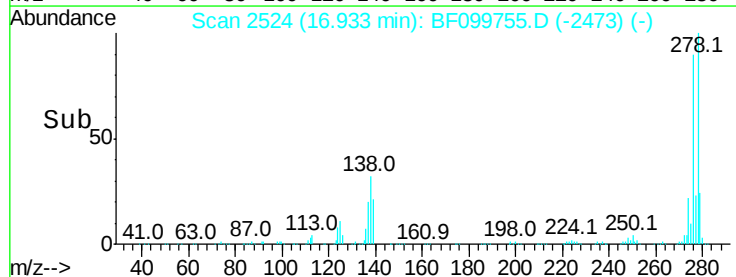
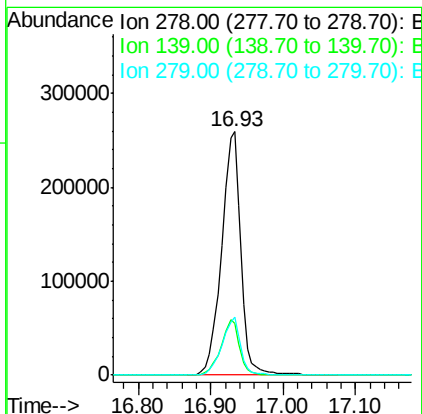
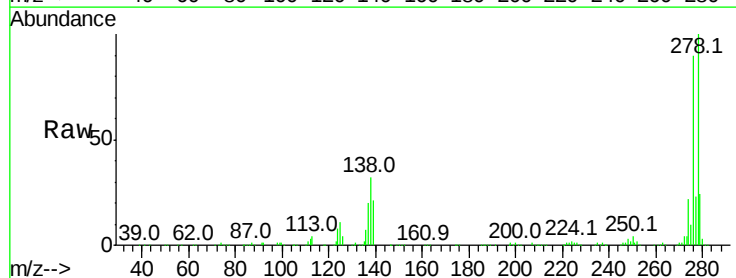
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

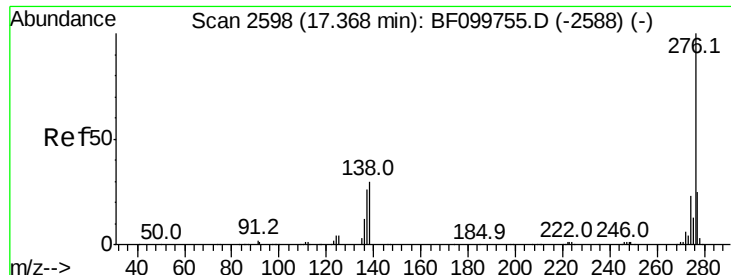
Tot Ion:252 Resp: 558834  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.1 25.7  
125 13.3 9.8 14.6



#90  
Dibenzo(a,h)anthracene  
Concen: 43.285 ng  
RT: 16.93 min Scan# 2524  
Delta R.T. 0.00 min  
Lab File: BF099755.D  
Acq: 23 Oct 2017 12:42

Tgt Ion:278 Resp: 479180  
Ion Ratio Lower Upper  
278 100  
139 21.3 15.9 23.9  
279 23.8 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 43.016 ng

RT: 17.37 min Scan# 2598

Delta R.T. 0.00 min

Lab File: BF099755.D

Acq: 23 Oct 2017 12:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

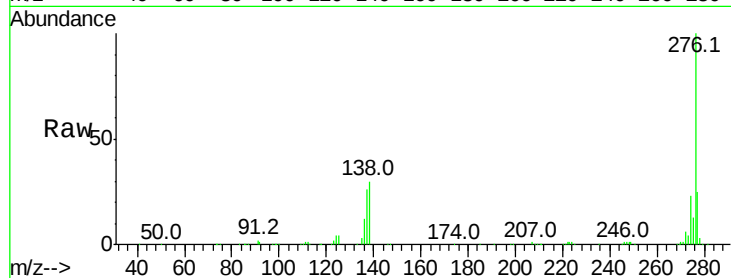
Tot Ion:276 Resp: 470717

Ion Ratio Lower Upper

276 100

277 24.6 17.9 26.9

138 29.7 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

