

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\  
 Data File : BF099951.D  
 Acq On : 30 Oct 2017 11:34  
 Operator : SJ/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Oct 30 16:10:19 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 30 16:10:28 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.79  | 152  | 85733    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.07  | 136  | 360256   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.83  | 164  | 172345   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.32 | 188  | 313634   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.98 | 240  | 250182   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.45 | 264  | 242694   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |       |    |      |
|--------------------------|-------|-----|--------|-------|----|------|
| 5) 2-Fluorophenol        | 5.40  | 112 | 446617 | 81.79 | ng | 0.00 |
| 7) Phenol-d6             | 6.43  | 99  | 519459 | 80.23 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.36  | 82  | 434645 | 77.67 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.63 | 330 | 130236 | 82.92 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.15  | 172 | 887210 | 79.42 | ng | 0.00 |
| 78) Terphenyl-d14        | 12.91 | 244 | 869424 | 75.95 | ng | 0.00 |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.49 | 88  | 93164  | 38.634 | ng | # 88   |
| 3) Pyridine                    | 3.25 | 79  | 224296 | 38.678 | ng | # 86   |
| 4) n-Nitrosodimethylamine      | 3.22 | 42  | 80486  | 38.850 | ng | # 66   |
| 6) Aniline                     | 6.46 | 93  | 341301 | 40.652 | ng | 96     |
| 8) 2-Chlorophenol              | 6.58 | 128 | 238618 | 40.999 | ng | 91     |
| 9) Benzaldehyde                | 6.35 | 77  | 162683 | 42.045 | ng | 91     |
| 10) Phenol                     | 6.45 | 94  | 287325 | 40.416 | ng | 96     |
| 11) bis(2-Chloroethyl)ether    | 6.53 | 93  | 223552 | 40.721 | ng | 94     |
| 12) 1,3-Dichlorobenzene        | 6.73 | 146 | 262230 | 40.128 | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 6.80 | 146 | 269874 | 40.690 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 6.96 | 146 | 250350 | 41.417 | ng | 96     |
| 15) Benzyl Alcohol             | 6.94 | 79  | 165216 | 40.122 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.06 | 45  | 240732 | 39.475 | ng | 51     |
| 17) 2-Methylphenol             | 7.05 | 107 | 197948 | 40.660 | ng | 98     |
| 18) Hexachloroethane           | 7.29 | 117 | 87368  | 39.484 | ng | 94     |
| 19) n-Nitroso-di-n-propylamine | 7.20 | 70  | 153201 | 40.374 | ng | 89     |
| 20) 3+4-Methylphenols          | 7.21 | 107 | 238480 | 42.070 | ng | # 60   |
| 22) Acetophenone               | 7.21 | 105 | 320061 | 39.019 | ng | # 96   |
| 24) Nitrobenzene               | 7.38 | 77  | 222041 | 39.381 | ng | 92     |
| 25) Isophorone                 | 7.62 | 82  | 399440 | 39.339 | ng | 96     |
| 26) 2-Nitrophenol              | 7.70 | 139 | 134974 | 41.797 | ng | # 82   |
| 27) 2,4-Dimethylphenol         | 7.73 | 122 | 190246 | 39.984 | ng | 96     |
| 28) bis(2-Chloroethoxy)methane | 7.82 | 93  | 283635 | 39.886 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.94 | 162 | 202511 | 40.971 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 8.02 | 180 | 210380 | 39.835 | ng | 99     |
| 31) Naphthalene                | 8.09 | 128 | 690740 | 39.721 | ng | 100    |
| 32) Benzoic acid               | 7.90 | 122 | 169224 | 40.406 | ng | 94     |
| 33) 4-Chloroaniline            | 8.15 | 127 | 297223 | 41.391 | ng | # 94   |
| 34) Hexachlorobutadiene        | 8.20 | 225 | 109114 | 40.168 | ng | 97     |
| 35) Caprolactam                | 8.54 | 113 | 65082  | 41.870 | ng | # 75   |
| 36) 4-Chloro-3-methylphenol    | 8.64 | 107 | 202555 | 40.150 | ng | 92     |
| 37) 2-Methylnaphthalene        | 8.79 | 142 | 466102 | 39.996 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.95 | 216 | 222873 | 40.040 | ng | # 98   |
| 40) Hexachlorocyclopentadiene  | 8.93 | 237 | 27859  | 35.378 | ng | 92     |

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\  
 Data File : BF099951.D  
 Acq On : 30 Oct 2017 11:34  
 Operator : SJ/JU  
 Sample : SSTDC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

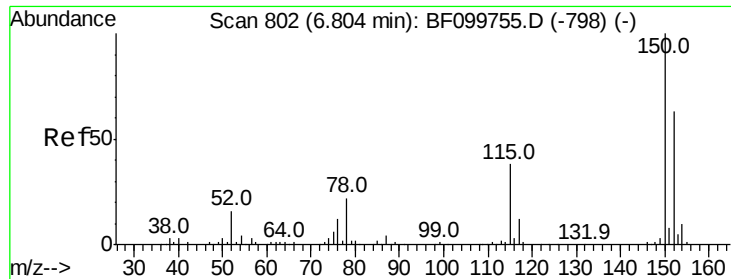
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDC040

Quant Time: Oct 30 16:10:19 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 30 16:10:28 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.07  | 196  | 131677   | 39.108 | nq    | 99       |
| 43) 2,4,5-Trichlorophenol      | 9.12  | 196  | 138891   | 38.873 | nq    | # 93     |
| 45) 1,1'-Biphenyl              | 9.25  | 154  | 605892   | 38.861 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 9.27  | 162  | 439390   | 38.806 | nq    | 97       |
| 47) 2-Nitroaniline             | 9.39  | 65   | 116689   | 39.266 | nq    | # 84     |
| 48) Acenaphthylene             | 9.69  | 152  | 679601   | 38.969 | nq    | 99       |
| 49) Dimethylphthalate          | 9.55  | 163  | 520746   | 38.155 | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.63  | 165  | 112048   | 39.052 | nq    | # 80     |
| 51) Acenaphthene               | 9.86  | 154  | 415125   | 38.957 | nq    | 99       |
| 52) 3-Nitroaniline             | 9.80  | 138  | 137648   | 40.715 | nq    | 82       |
| 53) 2,4-Dinitrophenol          | 9.93  | 184  | 32859    | 32.679 | nq    | 90       |
| 54) Dibenzofuran               | 10.03 | 168  | 592317   | 39.379 | nq    | 99       |
| 55) 4-Nitrophenol              | 9.99  | 139  | 65275    | 36.953 | nq    | # 79     |
| 56) 2,4-Dinitrotoluene         | 10.04 | 165  | 140134   | 40.556 | nq    | 94       |
| 57) Fluorene                   | 10.38 | 166  | 491533   | 39.468 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.16 | 232  | 103878   | 41.466 | nq    | 90       |
| 59) Diethylphthalate           | 10.25 | 149  | 520182   | 39.029 | nq    | 96       |
| 60) 4-Chlorophenyl-phenylether | 10.37 | 204  | 232462   | 39.661 | nq    | 91       |
| 61) 4-Nitroaniline             | 10.42 | 138  | 129196   | 40.055 | nq    | 83       |
| 62) Azobenzene                 | 10.53 | 77   | 433797   | 38.827 | nq    | 91       |
| 64) 4,6-Dinitro-2-methylphenol | 10.46 | 198  | 77379    | 39.248 | nq    | # 74     |
| 65) n-Nitrosodiphenylamine     | 10.49 | 169  | 458500   | 39.602 | nq    | 100      |
| 66) 4-Bromophenyl-phenylether  | 10.86 | 248  | 134751   | 40.811 | nq    | 92       |
| 67) Hexachlorobenzene          | 10.93 | 284  | 135433   | 40.093 | nq    | # 89     |
| 68) Atrazine                   | 11.02 | 200  | 133369   | 38.349 | nq    | 98       |
| 69) Pentachlorophenol          | 11.13 | 266  | 58745    | 40.699 | nq    | 99       |
| 70) Phenanthrene               | 11.34 | 178  | 693181   | 39.163 | nq    | 99       |
| 71) Anthracene                 | 11.40 | 178  | 715189   | 39.807 | nq    | 99       |
| 72) Carbazole                  | 11.56 | 167  | 667993   | 39.537 | nq    | 98       |
| 73) Di-n-butylphthalate        | 11.87 | 149  | 830538   | 38.541 | nq    | # 98     |
| 74) Fluoranthene               | 12.54 | 202  | 722879   | 39.299 | nq    | 99       |
| 76) Benzidine                  | 12.66 | 184  | 385038   | 35.172 | nq    | 99       |
| 77) Pyrene                     | 12.77 | 202  | 740781   | 38.940 | nq    | 98       |
| 79) Butylbenzylphthalate       | 13.37 | 149  | 352716   | 37.652 | nq    | 92       |
| 80) Benzo(a)anthracene         | 13.97 | 228  | 612668   | 38.630 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.93 | 252  | 218667   | 37.982 | nq    | # 97     |
| 82) Chrysene                   | 14.00 | 228  | 576907   | 38.692 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.93 | 149  | 461208   | 35.058 | nq    | 98       |
| 84) Di-n-octyl phthalate       | 14.55 | 149  | 834583   | 36.962 | nq    | # 93     |
| 85) Indeno(1,2,3-cd)pyrene     | 16.94 | 276  | 549871   | 40.172 | nq    | 97       |
| 87) Benzo(b)fluoranthene       | 15.03 | 252  | 582413   | 38.004 | nq    | 99       |
| 88) Benzo(k)fluoranthene       | 15.06 | 252  | 546030   | 37.785 | nq    | 99       |
| 89) Benzo(a)pyrene             | 15.39 | 252  | 532758   | 38.701 | nq    | 98       |
| 90) Dibenzo(a,h)anthracene     | 16.94 | 278  | 466605   | 38.146 | nq    | 99       |
| 91) Benzo(g,h,i)perylene       | 17.39 | 276  | 463286   | 38.713 | nq    | 98       |

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

Page: 3

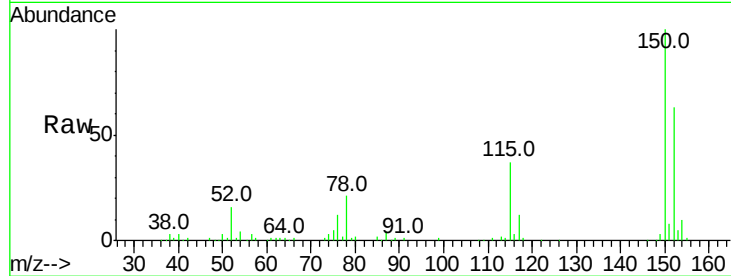


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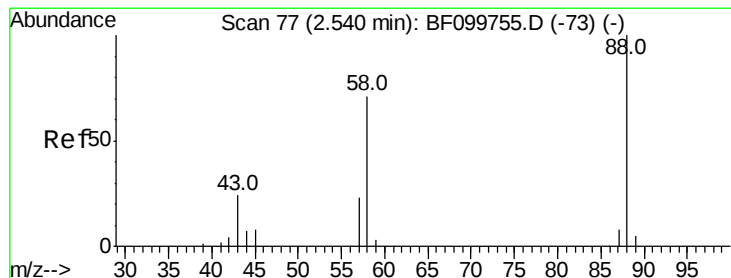
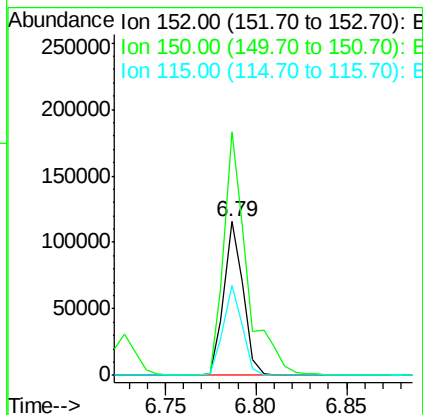
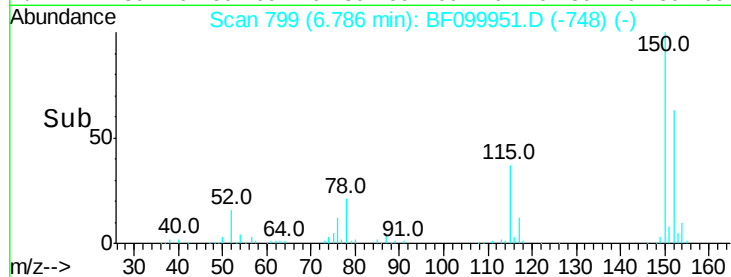
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.79 min Scan# 799  
Delta R.T. 0.00 min  
Lab File: BF099951.D  
Acq: 30 Oct 2017 11:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:152 Resp: 85733  
Ion Ratio Lower Upper  
152 100  
150 158.4 124.6 186.8  
115 58.9 50.1 75.1



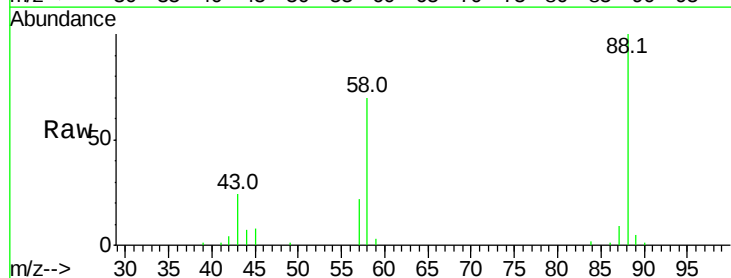
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



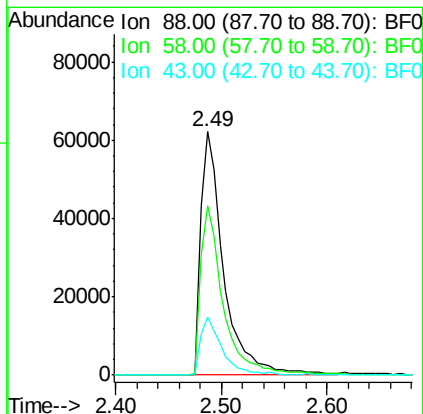
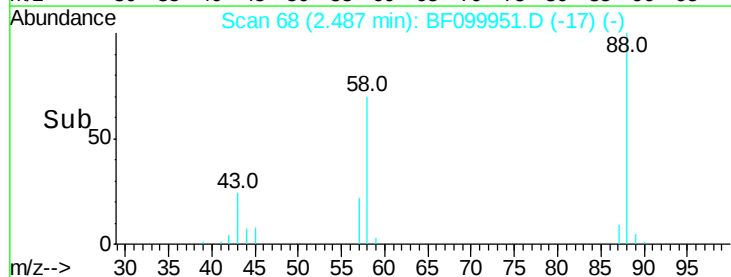
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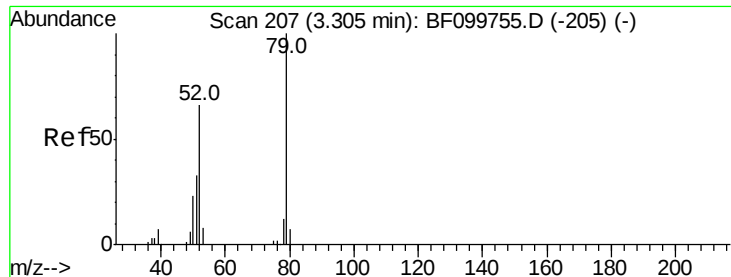
1,4-Dioxane  
Concen: 38.634 ng  
RT: 2.49 min Scan# 68  
Delta R.T. 0.00 min  
Lab File: BF099951.D  
Acq: 30 Oct 2017 11:34

Tgt Ion: 88 Resp: 93164  
Ion Ratio Lower Upper  
88 100  
58 68.9 62.6 93.8  
43 22.3 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: 38.678 ng

RT: 3.25 min Scan# 198

Delta R.T. 0.00 min

Lab File: BF099951.D

Acq: 30 Oct 2017 11:34

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

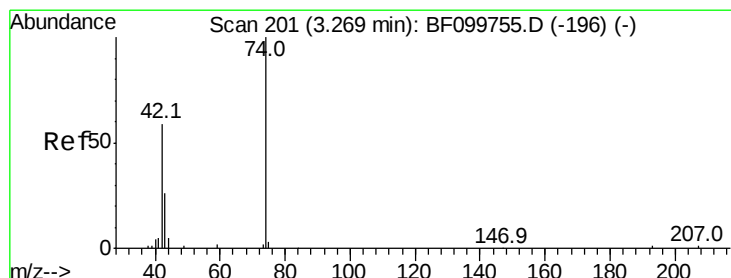
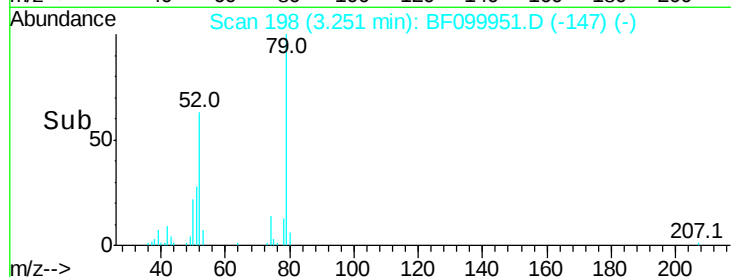
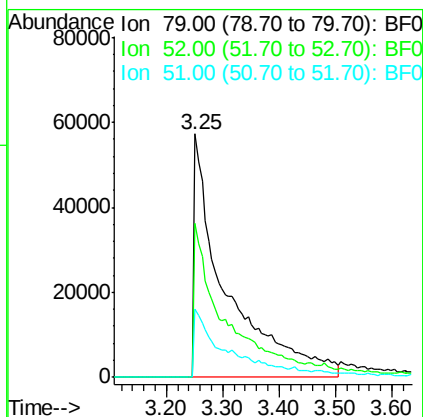
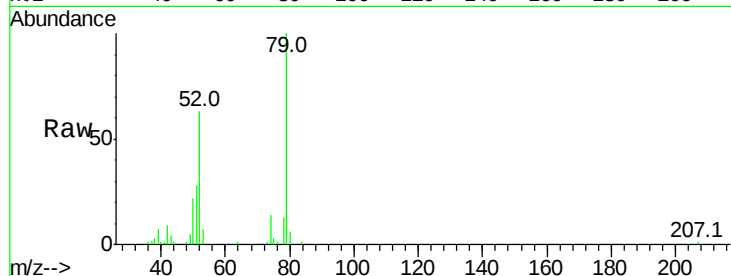
Tot Ion: 79 Resp: 224296

Ion Ratio Lower Upper

79 100

52 63.3 59.8 89.6

51 28.3 29.8 44.8#



#4

n-Nitrosodimethylamine

Concen: 38.850 ng

RT: 3.22 min Scan# 192

Delta R.T. 0.00 min

Lab File: BF099951.D

Acq: 30 Oct 2017 11:34

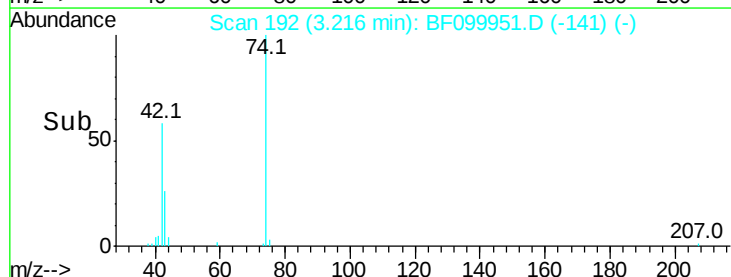
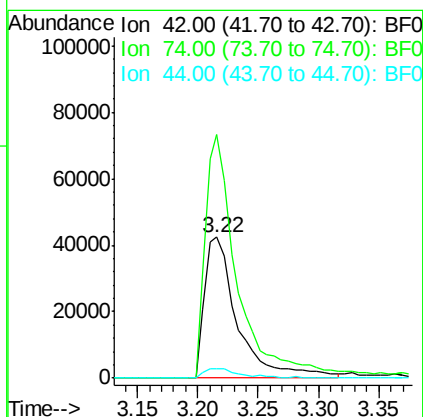
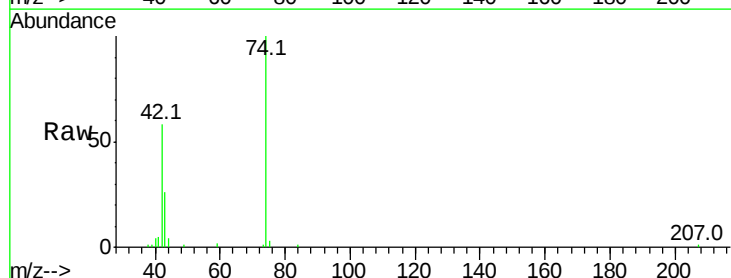
Tgt Ion: 42 Resp: 80486

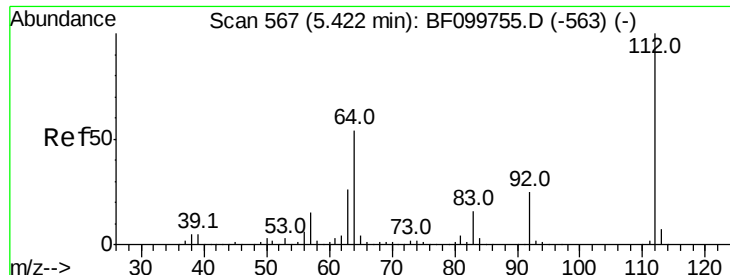
Ion Ratio Lower Upper

42 100

74 172.8 104.9 157.3#

44 6.6 6.9 10.3#





#5

2-Fluorophenol

Concen: 81.786 ng

RT: 5.40 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF099951.D

Acq: 30 Oct 2017 11:34

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

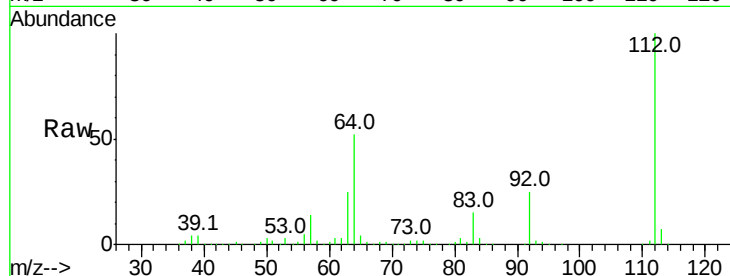
Tot Ion:112 Resp: 446617

Ion Ratio Lower Upper

112 100

64 52.0 47.9 71.9

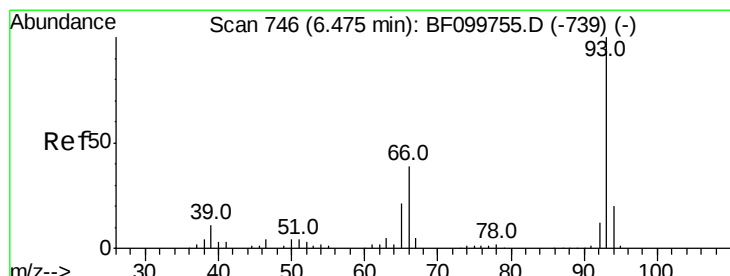
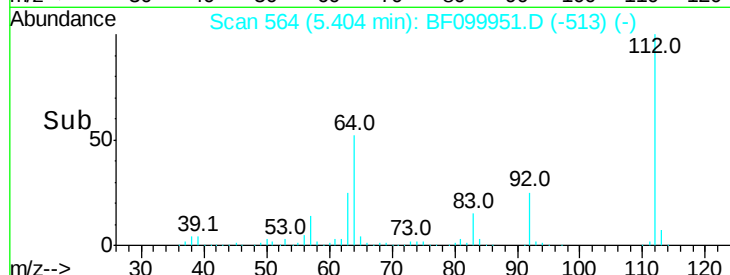
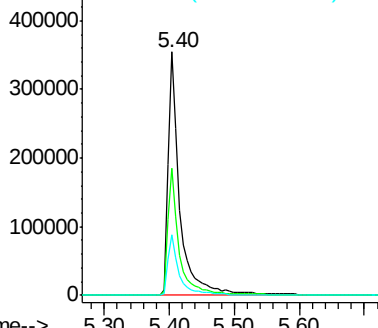
63 25.0 23.7 35.5



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: 40.652 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF099951.D

Acq: 30 Oct 2017 11:34

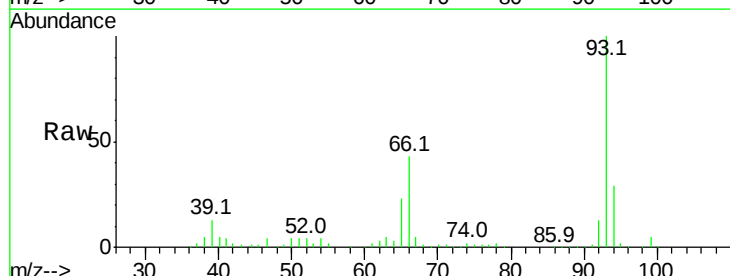
Tgt Ion: 93 Resp: 341301

Ion Ratio Lower Upper

93 100

66 42.9 32.2 48.2

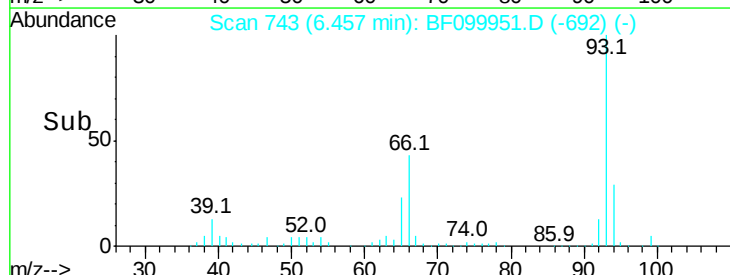
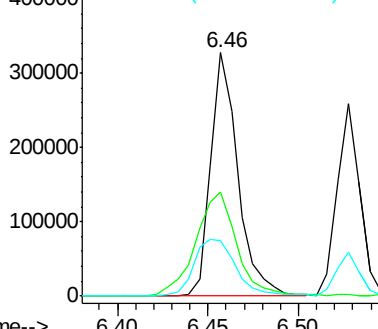
65 22.6 16.4 24.6

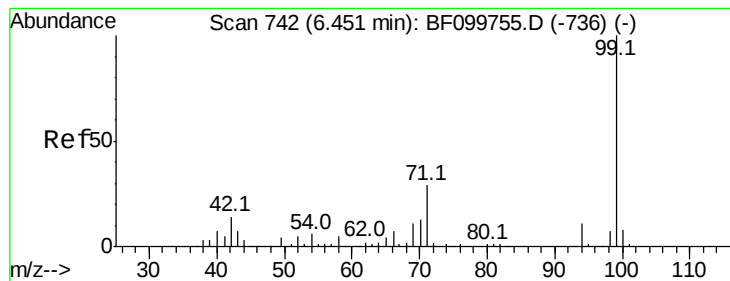


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 80.225 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF099951.D

Acq: 30 Oct 2017 11:34

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

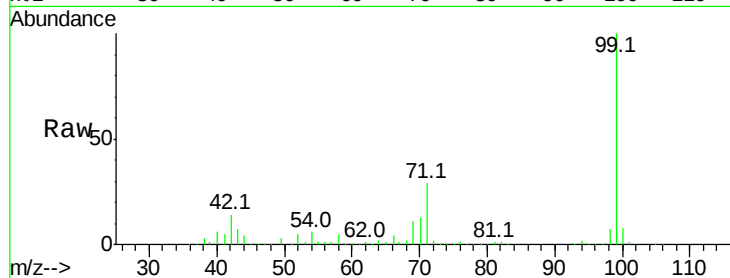
Tot Ion: 99 Resp: 519459

Ion Ratio Lower Upper

99 100

42 13.7 14.5 21.7#

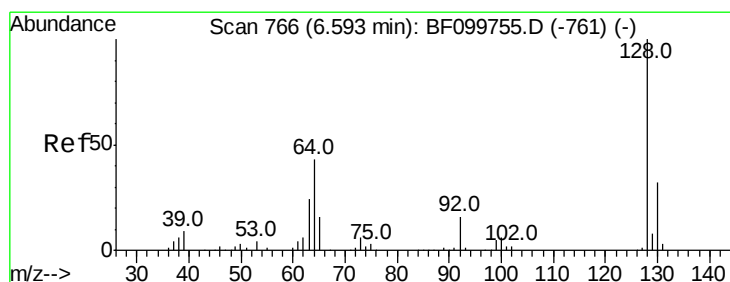
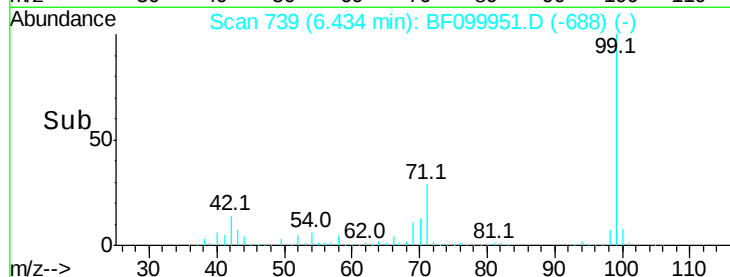
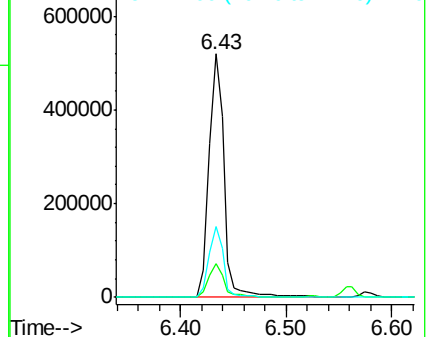
71 29.2 25.4 38.0



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: 40.999 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF099951.D

Acq: 30 Oct 2017 11:34

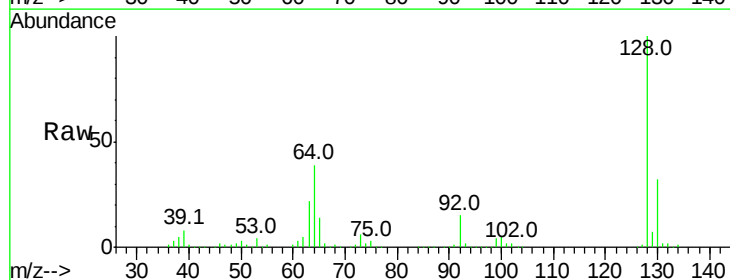
Tgt Ion: 128 Resp: 238618

Ion Ratio Lower Upper

128 100

130 32.5 13.0 53.0

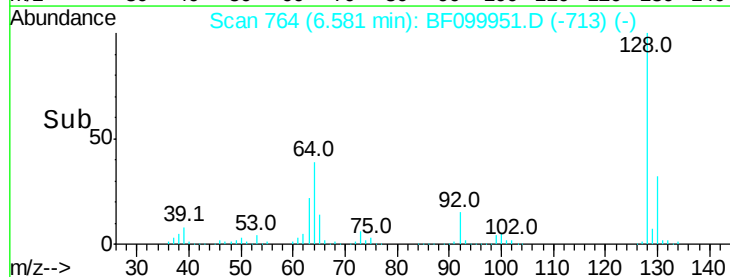
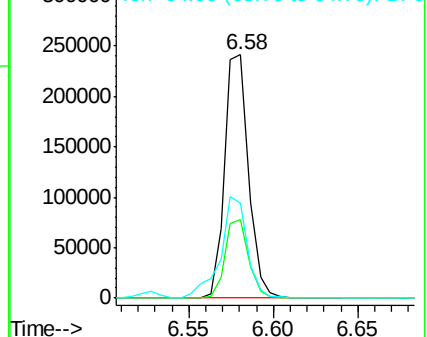
64 39.0 29.4 69.4

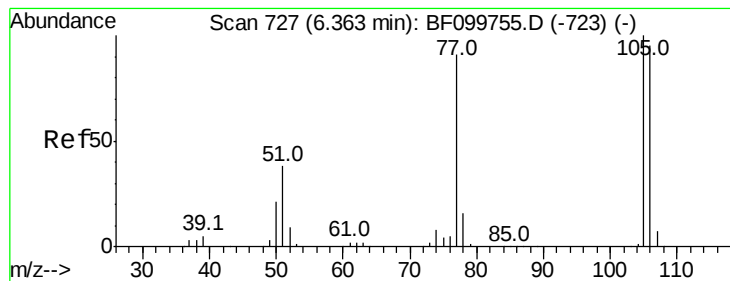


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 42.045 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF099951.D

Acq: 30 Oct 2017 11:34

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

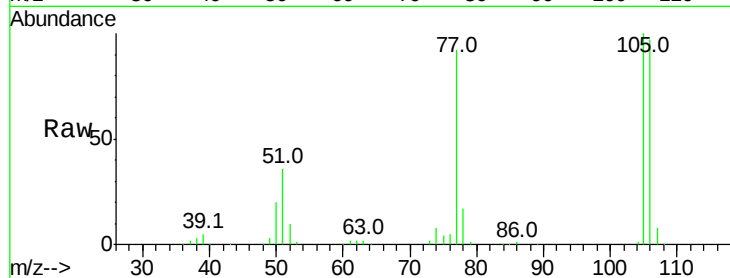
Tot Ion: 77 Resp: 162683

Ion Ratio Lower Upper

77 100

105 108.5 81.1 121.1

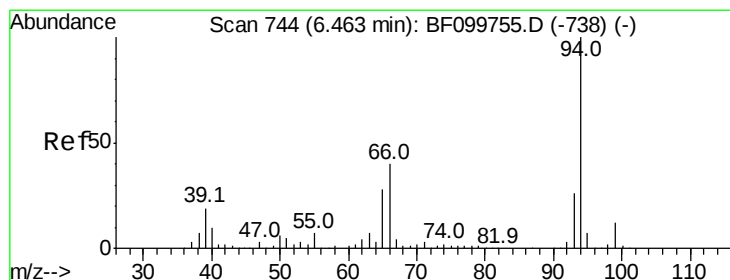
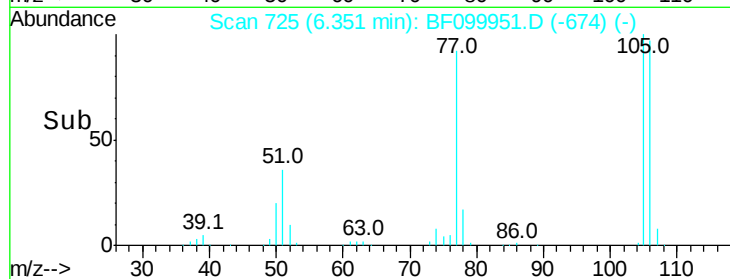
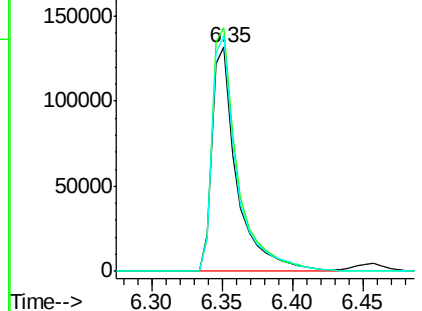
106 105.2 74.5 114.5



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



#10

Phenol

Concen: 40.416 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF099951.D

Acq: 30 Oct 2017 11:34

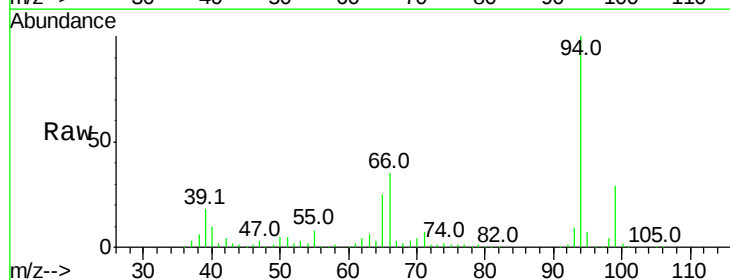
Tgt Ion: 94 Resp: 287325

Ion Ratio Lower Upper

94 100

65 25.0 7.9 47.9

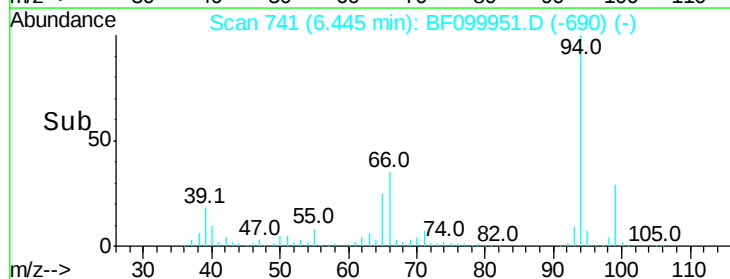
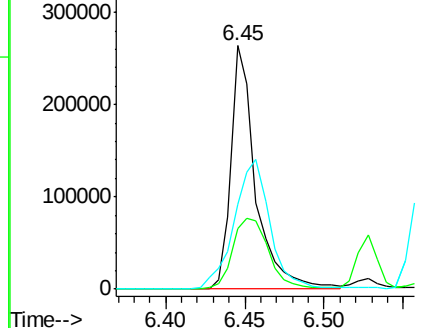
66 34.9 16.2 56.2



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





#11

bis(2-Chloroethyl)ether

Concen: 40.721 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF099951.D

Acq: 30 Oct 2017 11:34

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

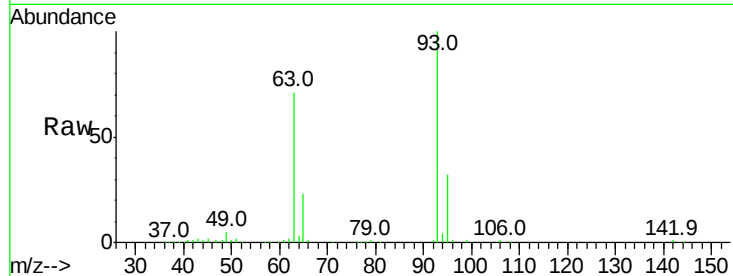
Tot Ion: 93 Resp: 22352

Ion Ratio Lower Upper

93 100

63 71.1 58.6 98.6

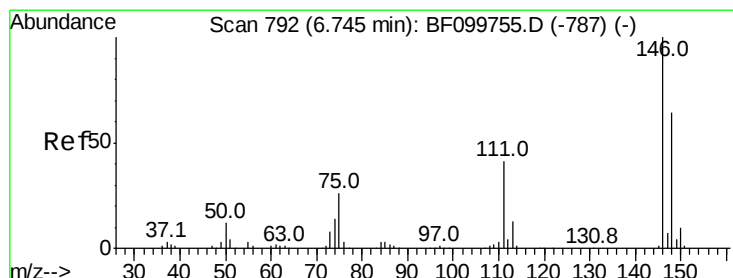
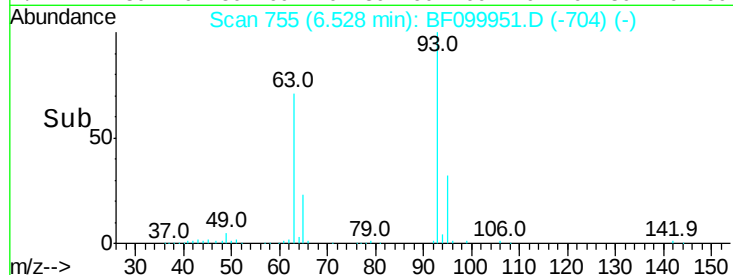
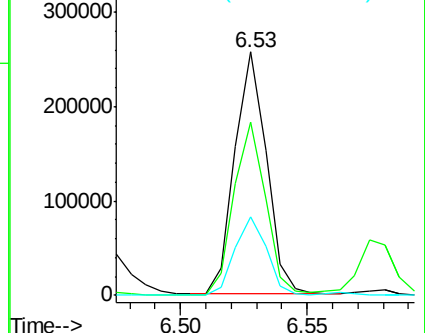
95 32.5 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 40.128 ng

RT: 6.73 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF099951.D

Acq: 30 Oct 2017 11:34

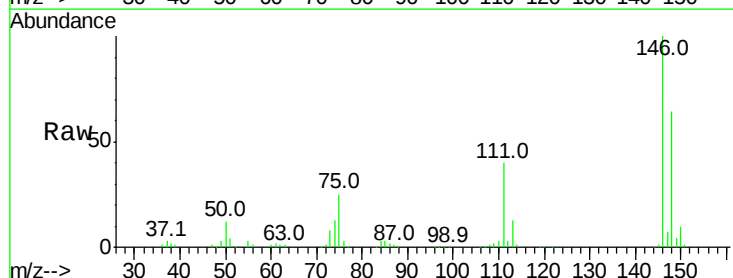
Tgt Ion: 146 Resp: 262230

Ion Ratio Lower Upper

146 100

148 64.4 51.8 77.8

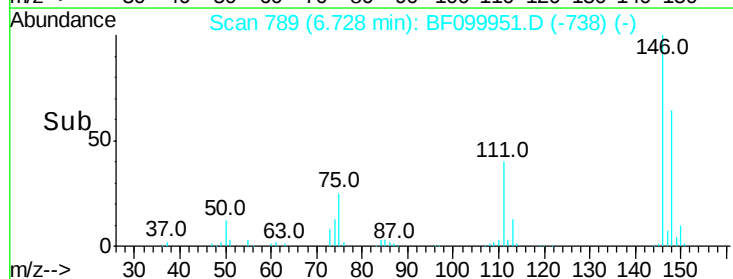
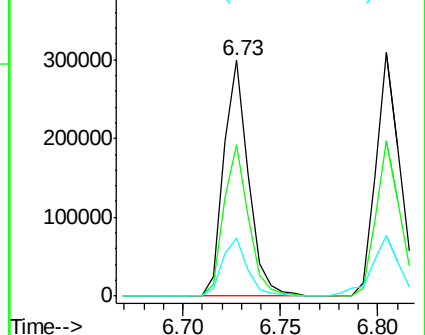
75 24.9 24.2 36.4

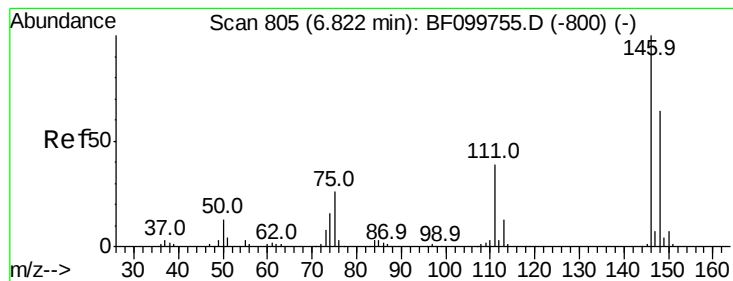


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 40.690 ng

RT: 6.80 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF099951.D

Acq: 30 Oct 2017 11:34

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

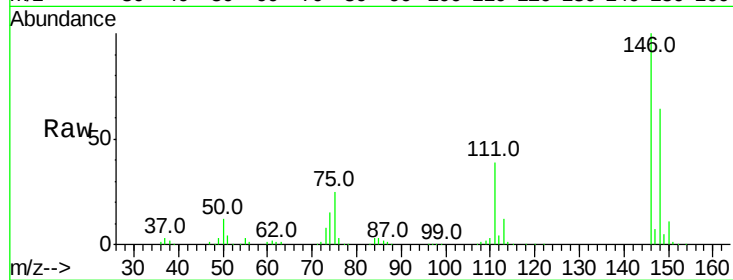
Tot Ion:146 Resp: 269874

Ion Ratio Lower Upper

146 100

148 63.6 50.8 76.2

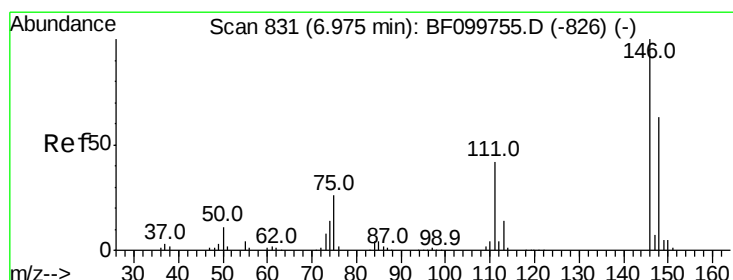
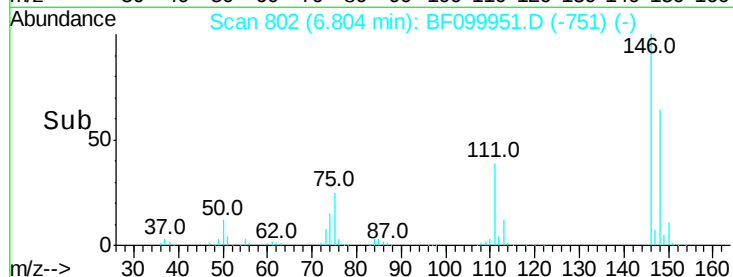
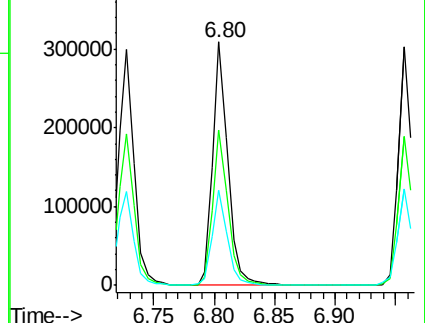
111 39.1 34.2 51.2



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: 41.417 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF099951.D

Acq: 30 Oct 2017 11:34

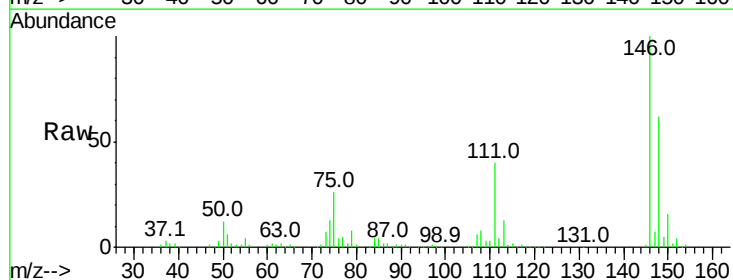
Tgt Ion:146 Resp: 250350

Ion Ratio Lower Upper

146 100

148 62.4 50.6 75.8

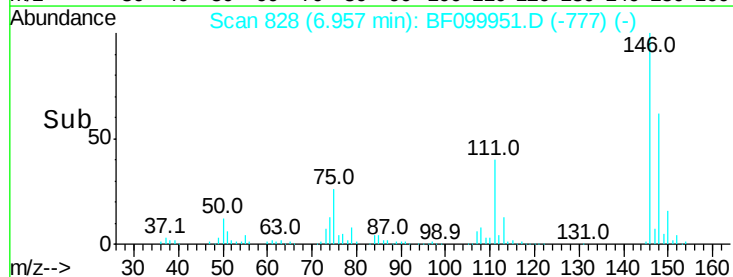
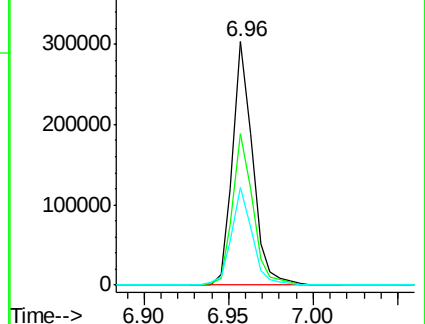
111 40.3 36.0 54.0

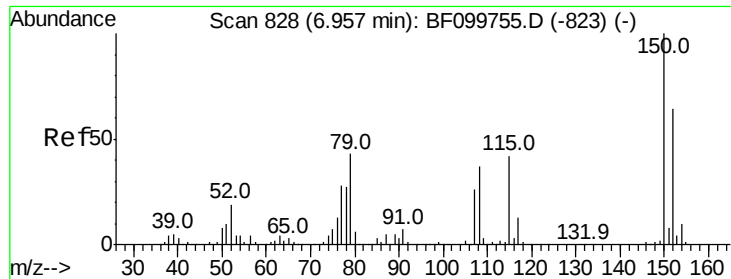


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

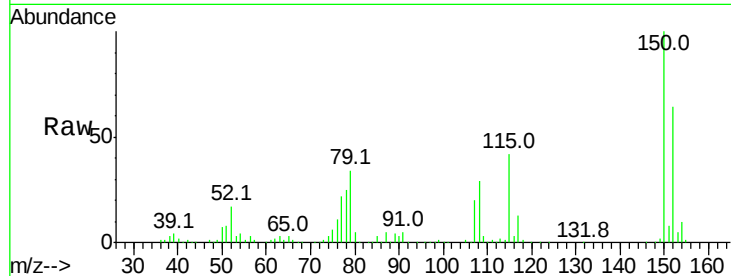




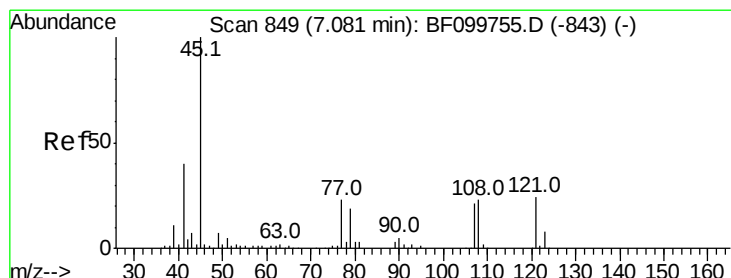
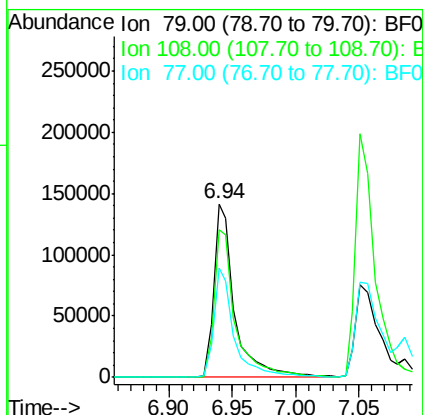
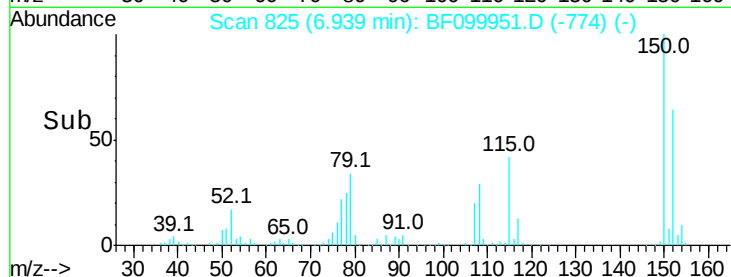
#15  
Benzyl Alcohol  
Concen: 40.122 ng  
RT: 6.94 min Scan# 825  
Delta R.T. 0.00 min  
Lab File: BF099951.D  
Acq: 30 Oct 2017 11:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion: 79 Resp: 165216  
Ion Ratio Lower Upper  
79 100  
108 85.2 65.1 97.7  
77 63.1 50.6 75.8

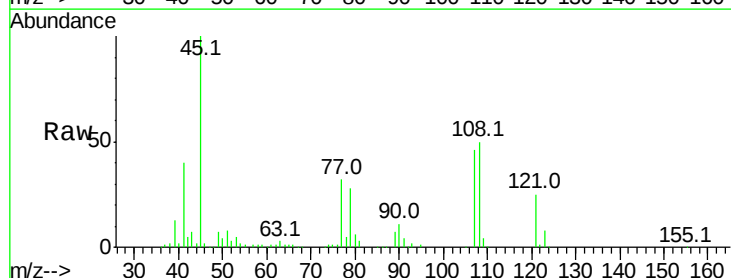


Abundance Ion 79.00 (78.70 to 79.70): BF0  
Ion 108.00 (107.70 to 108.70): BF0  
Ion 77.00 (76.70 to 77.70): BF0

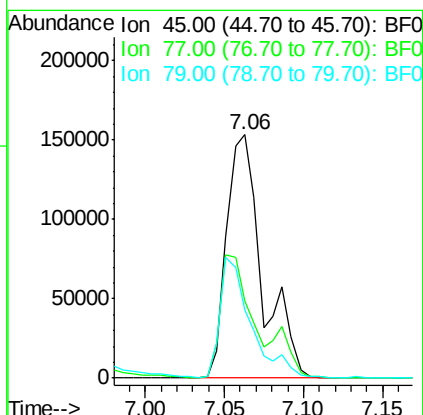
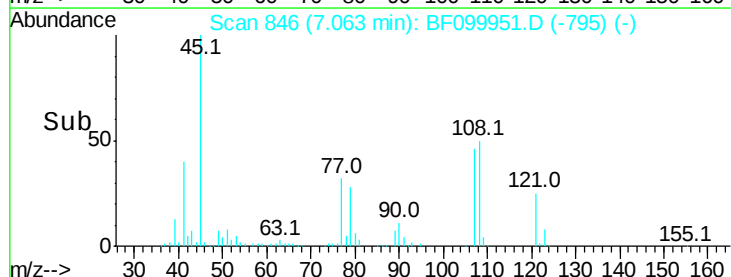


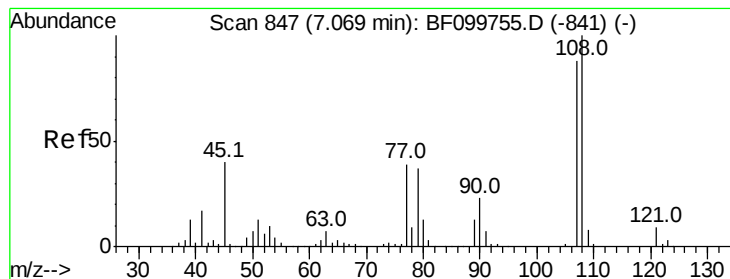
#16  
2,2'-oxybis(1-chloropropane)  
Concen: 39.475 ng  
RT: 7.06 min Scan# 846  
Delta R.T. 0.00 min  
Lab File: BF099951.D  
Acq: 30 Oct 2017 11:34

Tgt Ion: 45 Resp: 240732  
Ion Ratio Lower Upper  
45 100  
77 31.8 0.0 32.9  
79 28.2 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: 40.660 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF099951.D

Acq: 30 Oct 2017 11:34

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 197948

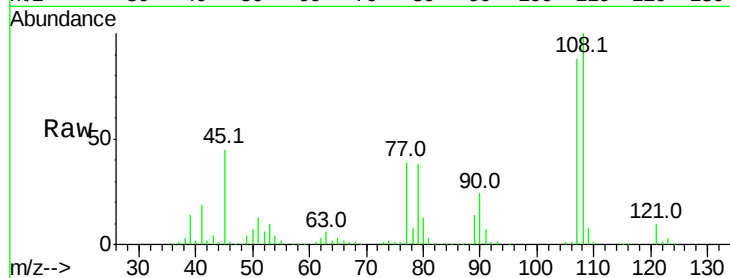
Ion Ratio Lower Upper

107 100

108 113.8 91.7 137.5

77 44.5 33.8 50.8

79 43.6 33.8 50.8

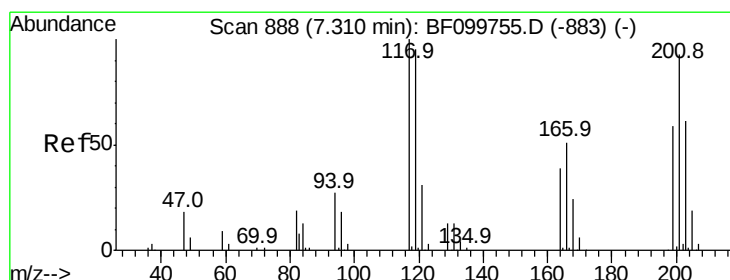
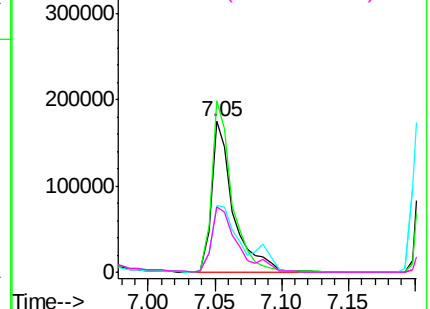
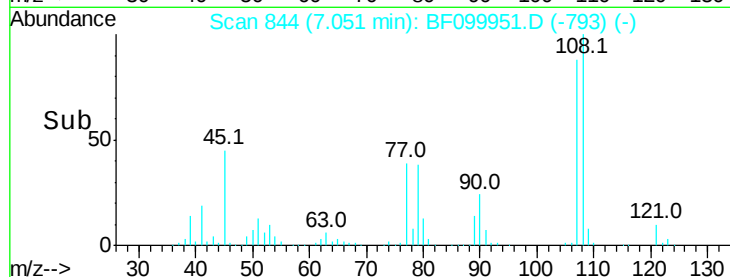


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.484 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF099951.D

Acq: 30 Oct 2017 11:34

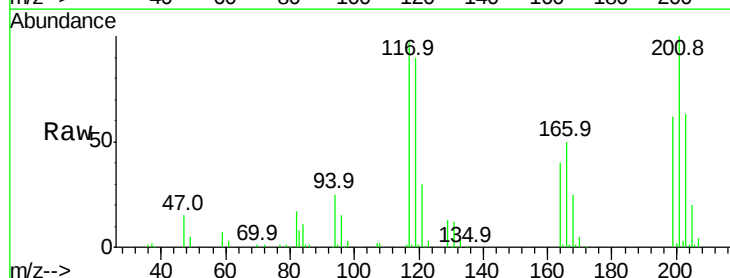
Tgt Ion:117 Resp: 87368

Ion Ratio Lower Upper

117 100

119 92.8 75.8 113.8

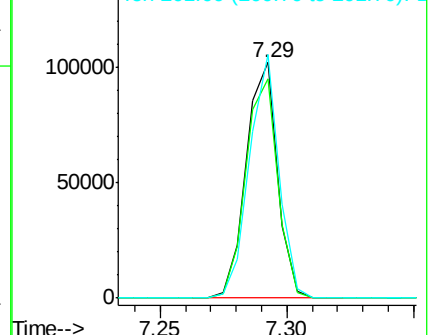
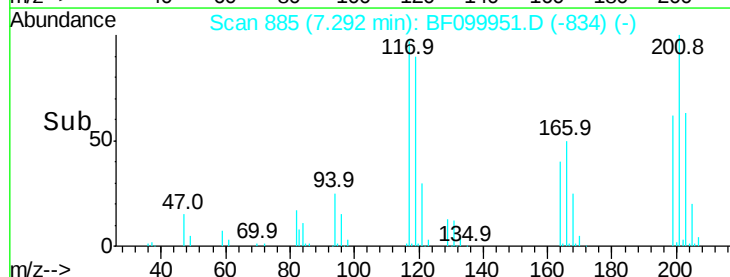
201 103.3 75.7 113.5

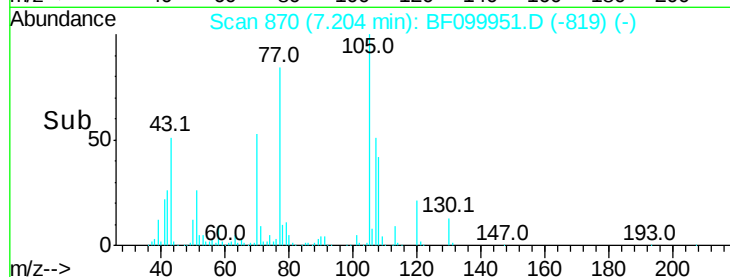
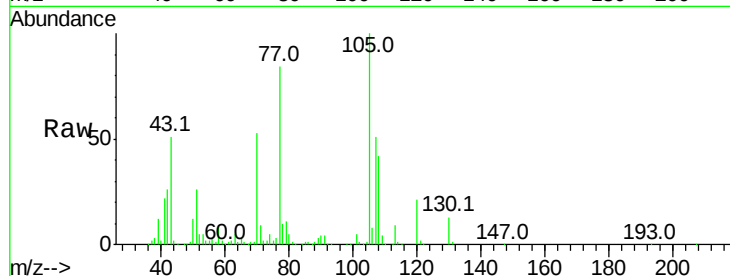
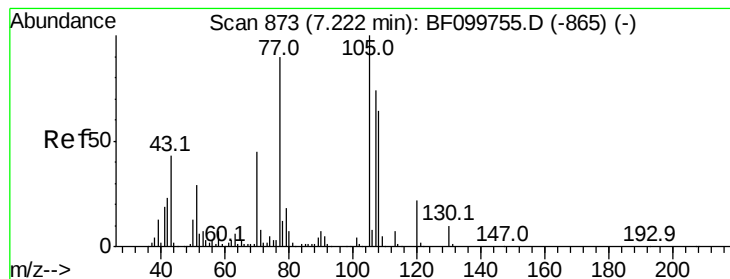


Abundance Ion 117.00 (116.70 to 117.70): E

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: 40.374 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF099951.D

Acq: 30 Oct 2017 11:34

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 153201

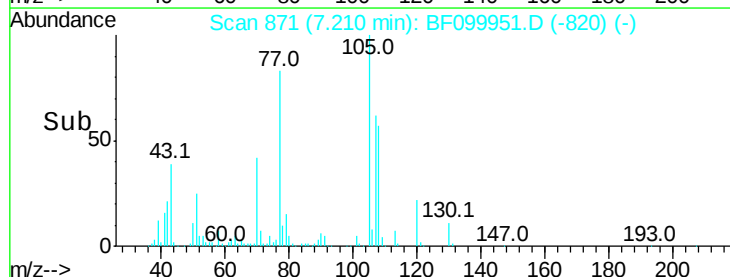
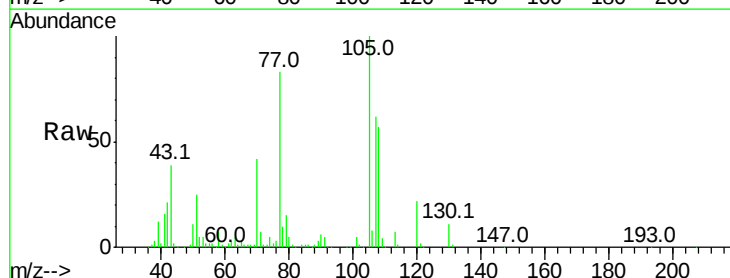
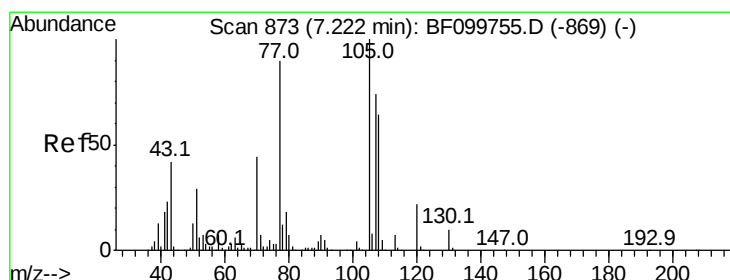
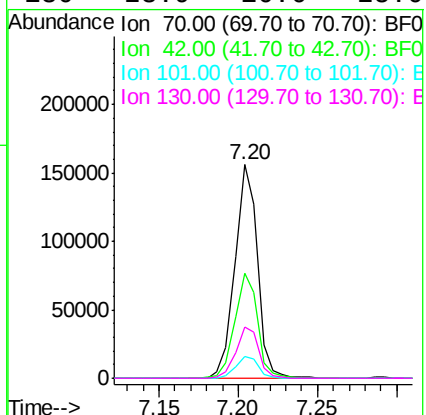
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 49.3  | 47.5  | 71.3  |
| 101 | 10.0  | 7.4   | 11.2  |
| 130 | 23.9  | 16.6  | 25.0  |

70 100

42 49.3 47.5 71.3

101 10.0 7.4 11.2

130 23.9 16.6 25.0



#20

3+4-Methylphenols

Concen: 42.070 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF099951.D

Acq: 30 Oct 2017 11:34

Tgt Ion: 107 Resp: 238480

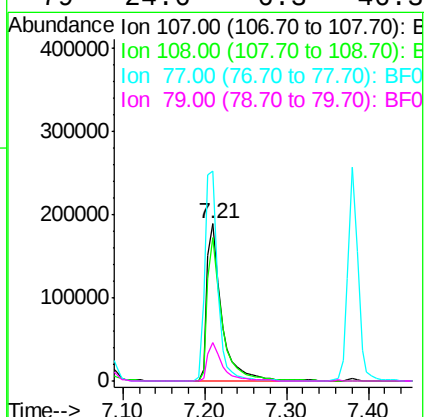
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 91.2  | 68.2  | 108.2 |
| 77  | 133.1 | 26.7  | 66.7# |
| 79  | 24.6  | 6.3   | 46.3  |

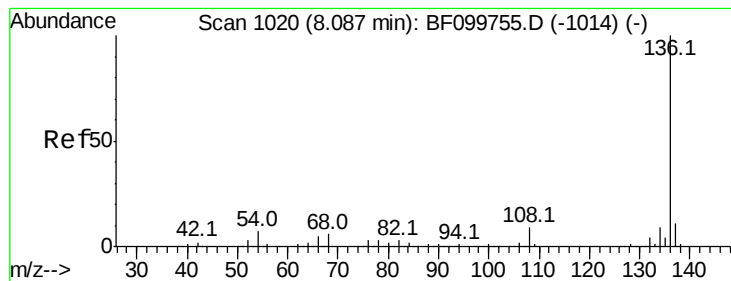
107 100

108 91.2 68.2 108.2

77 133.1 26.7 66.7#

79 24.6 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF099951.D

Acq: 30 Oct 2017 11:34

Instrument :

BNA\_F

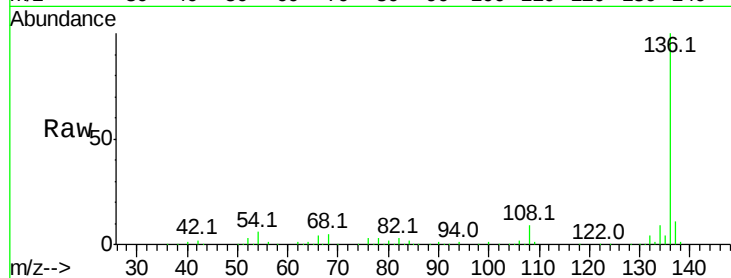
ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 360256

Ion Ratio Lower Upper

|     |      |     |      |
|-----|------|-----|------|
| 136 | 100  |     |      |
| 137 | 10.6 | 8.9 | 13.3 |
| 54  | 6.4  | 6.6 | 9.8# |
| 68  | 5.5  | 5.0 | 7.4  |

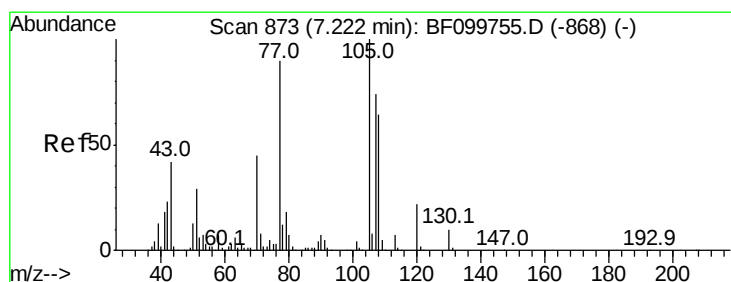
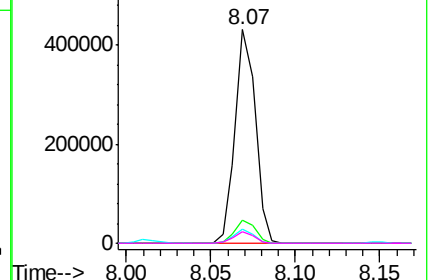
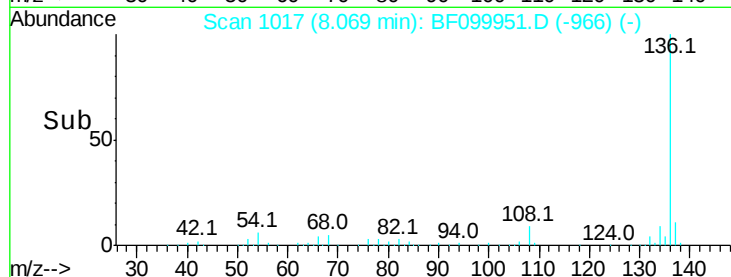


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.019 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

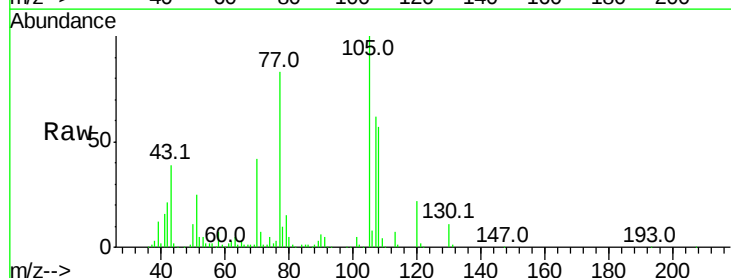
Lab File: BF099951.D

Acq: 30 Oct 2017 11:34

Tgt Ion:105 Resp: 320061

Ion Ratio Lower Upper

|     |      |      |      |
|-----|------|------|------|
| 105 | 100  |      |      |
| 71  | 6.9  | 4.4  | 6.6# |
| 51  | 25.2 | 22.3 | 33.5 |
| 120 | 21.9 | 16.9 | 25.3 |

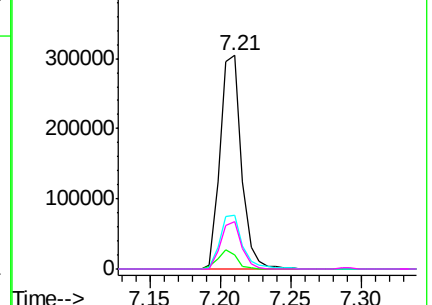
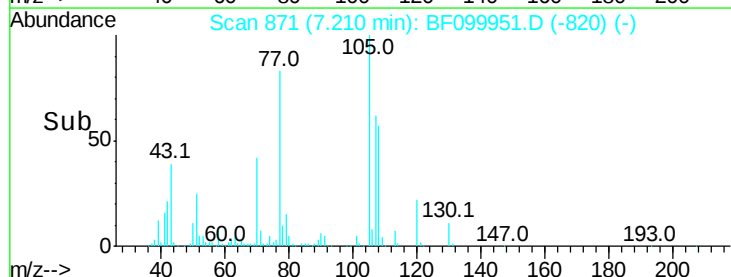


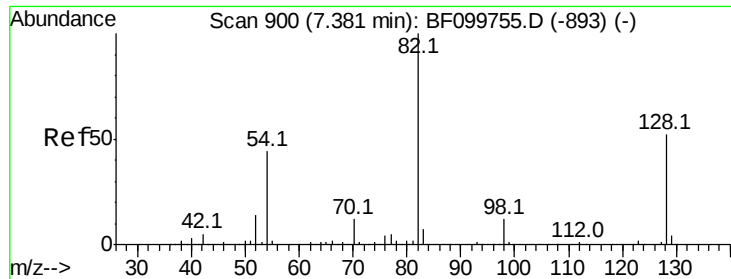
Abundance Ion 105.00 (104.70 to 105.70): E

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

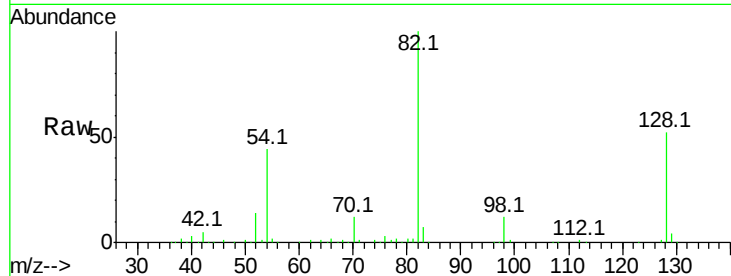




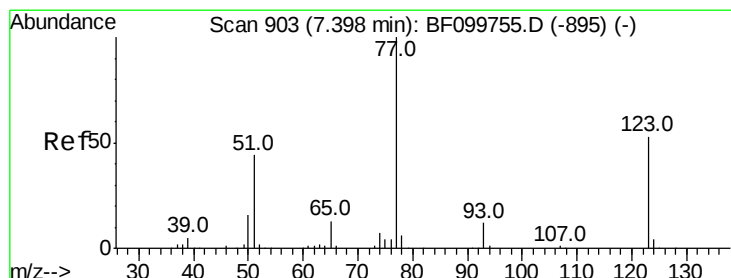
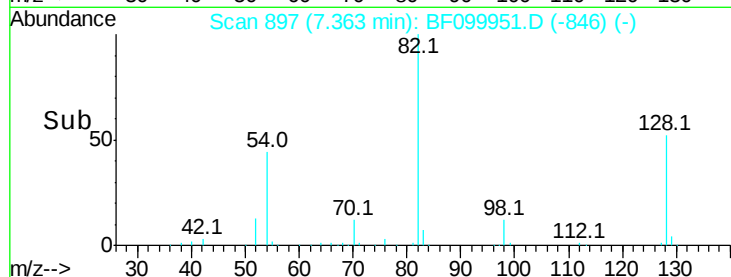
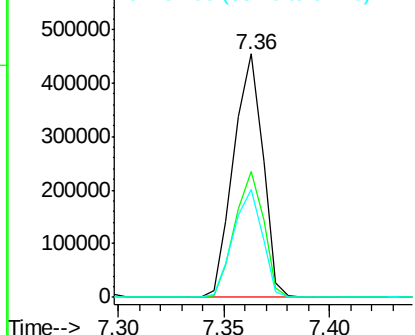
#23  
 Nitrobenzene-d5  
 Concen: 77.674 ng  
 RT: 7.36 min Scan# 897  
 Delta R.T. 0.00 min  
 Lab File: BF099951.D  
 Acq: 30 Oct 2017 11:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion: 82 Resp: 434645  
 Ion Ratio Lower Upper  
 82 100  
 128 51.6 36.1 54.1  
 54 44.2 41.4 62.2

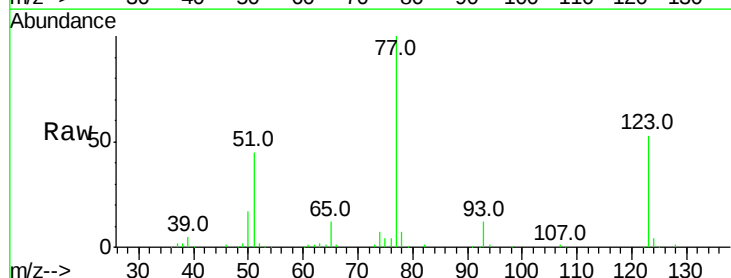


Abundance Ion 82.00 (81.70 to 82.70): BF0  
 Ion 128.00 (127.70 to 128.70): B  
 Ion 54.00 (53.70 to 54.70): BF0

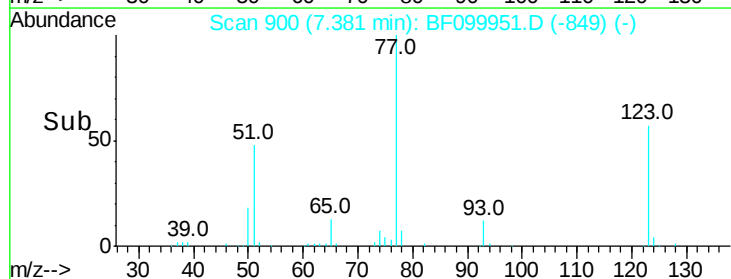
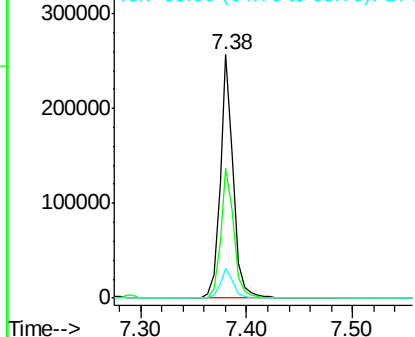


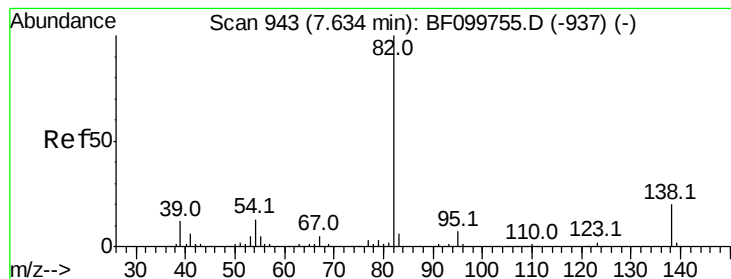
#24  
 Nitrobenzene  
 Concen: 39.381 ng  
 RT: 7.38 min Scan# 900  
 Delta R.T. 0.00 min  
 Lab File: BF099951.D  
 Acq: 30 Oct 2017 11:34

Tgt Ion: 77 Resp: 222041  
 Ion Ratio Lower Upper  
 77 100  
 123 53.4 37.9 56.9  
 65 12.4 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF0  
 Ion 123.00 (122.70 to 123.70): B  
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.339 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF099951.D

Acq: 30 Oct 2017 11:34

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

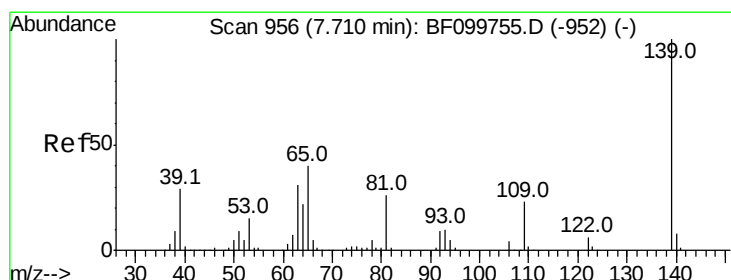
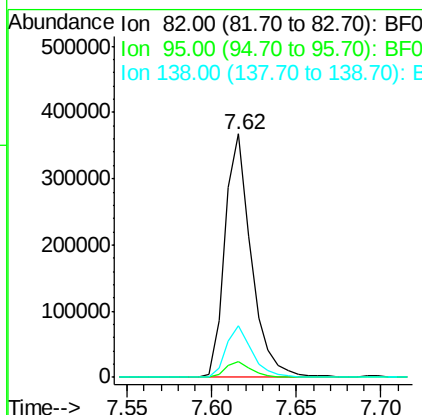
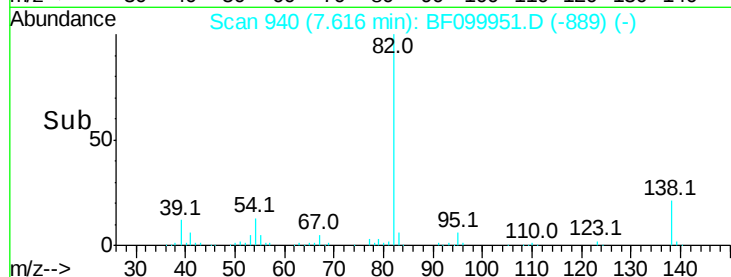
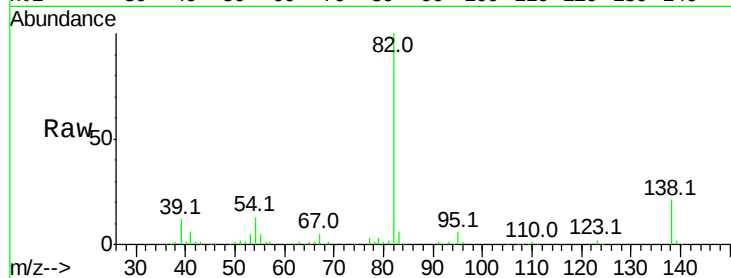
Tot Ion: 82 Resp: 399440

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 21.0 14.9 22.3



#26

2-Nitrophenol

Concen: 41.797 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF099951.D

Acq: 30 Oct 2017 11:34

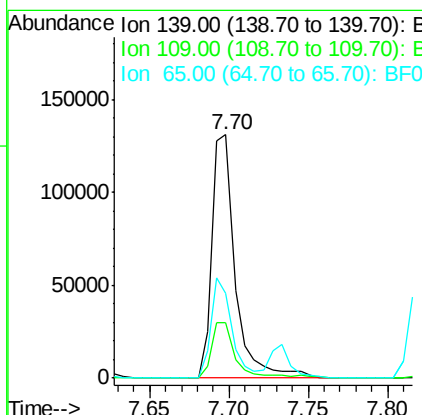
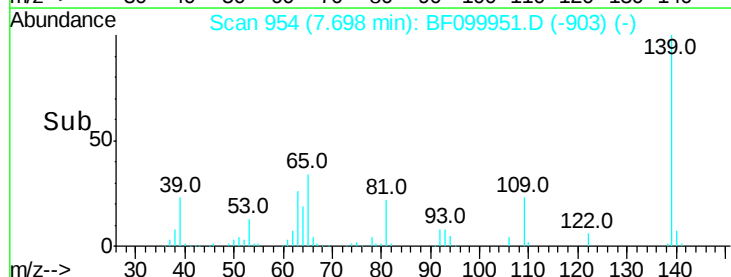
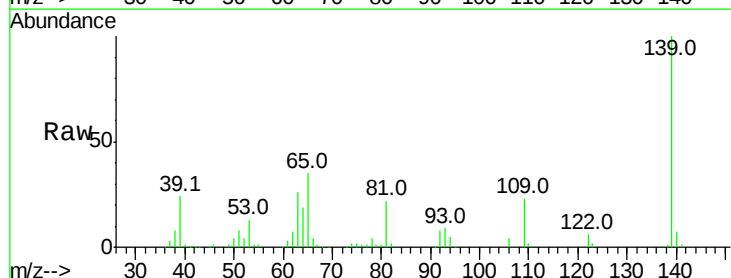
Tgt Ion: 139 Resp: 134974

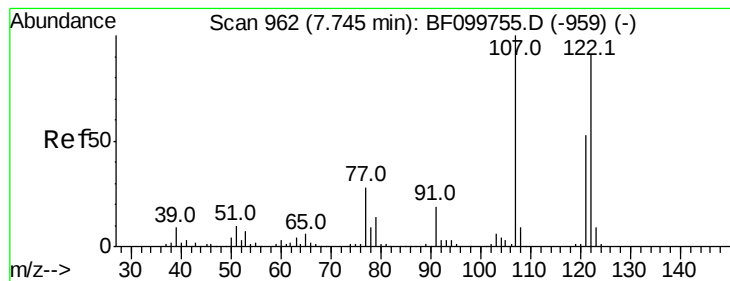
Ion Ratio Lower Upper

139 100

109 22.8 22.7 34.1

65 34.8 40.5 60.7#





#27

2,4-Dimethylphenol

Concen: 39.984 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF099951.D

Acq: 30 Oct 2017 11:34

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

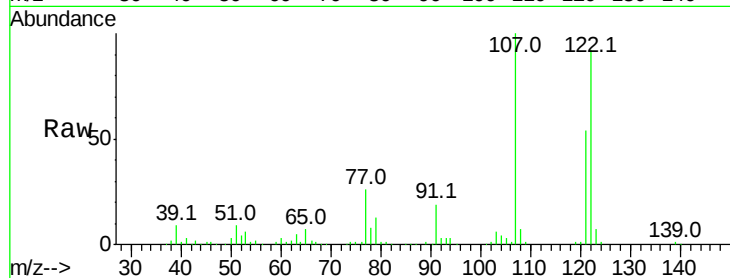
Tot Ion:122 Resp: 190246

Ion Ratio Lower Upper

122 100

107 108.3 91.2 136.8

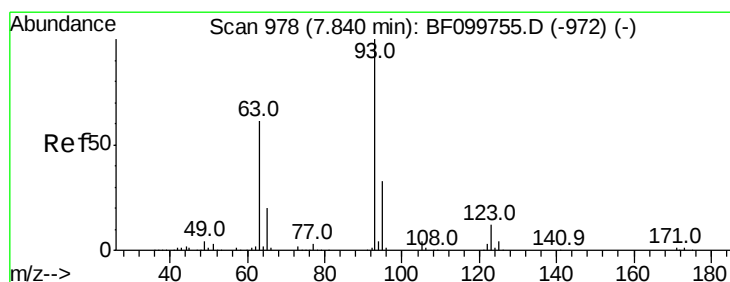
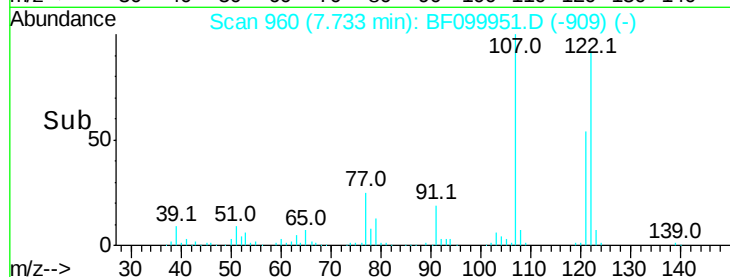
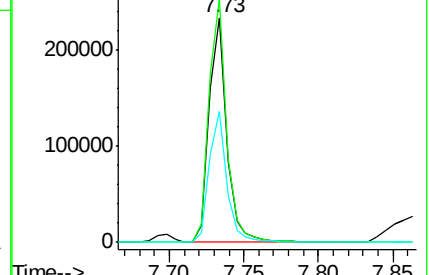
121 58.1 47.2 70.8



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: 39.886 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF099951.D

Acq: 30 Oct 2017 11:34

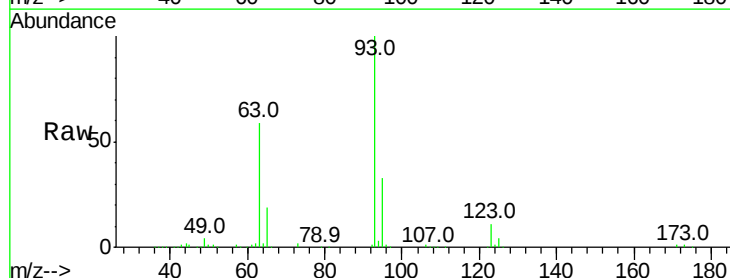
Tgt Ion: 93 Resp: 283635

Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

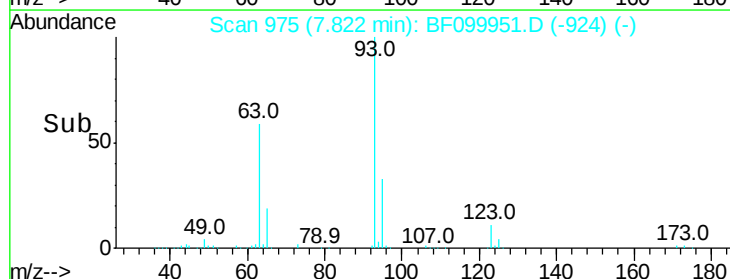
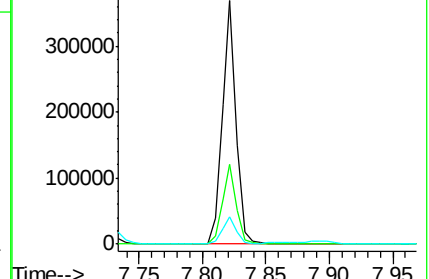
123 11.3 9.8 14.6

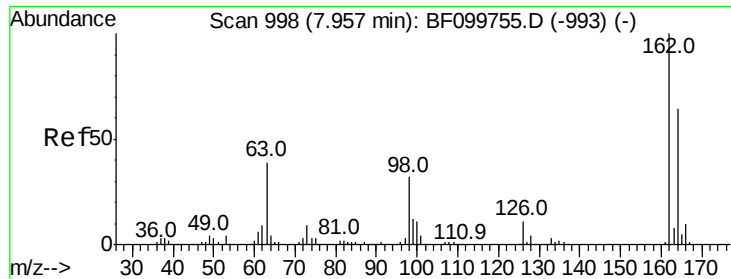


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

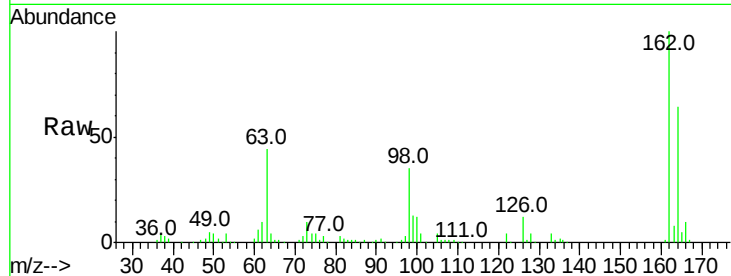




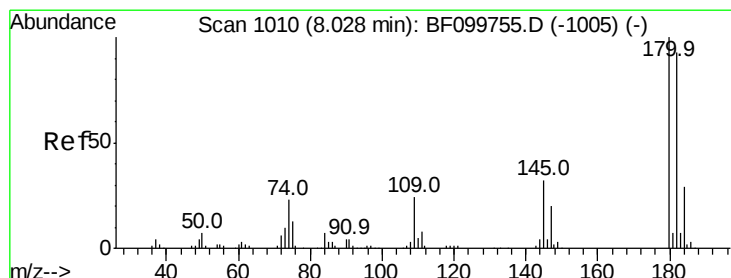
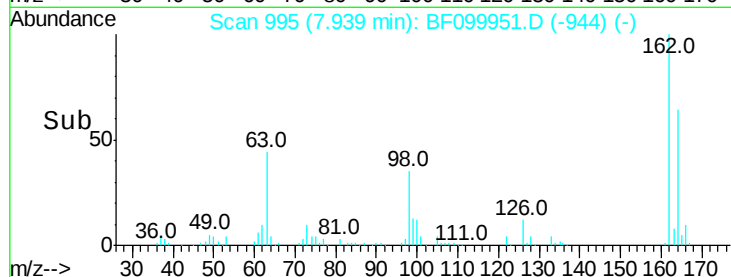
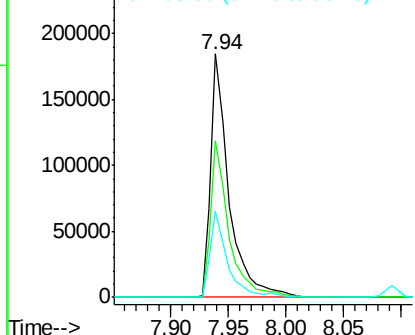
#29  
 2,4-Dichlorophenol  
 Concen: 40.971 ng  
 RT: 7.94 min Scan# 995  
 Delta R.T. 0.00 min  
 Lab File: BF099951.D  
 Acq: 30 Oct 2017 11:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.2  | 42.7  | 82.7  |
| 98      | 35.4  | 18.1  | 58.1  |

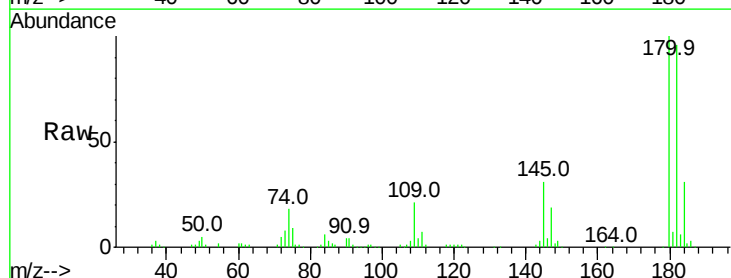


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

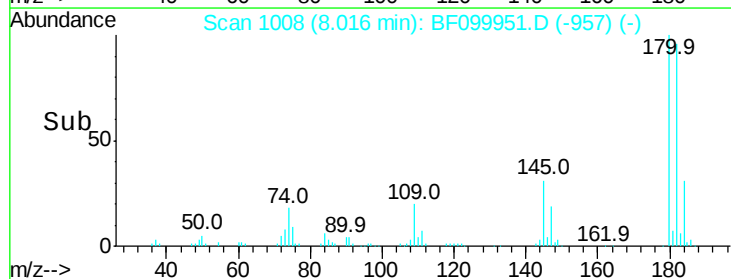
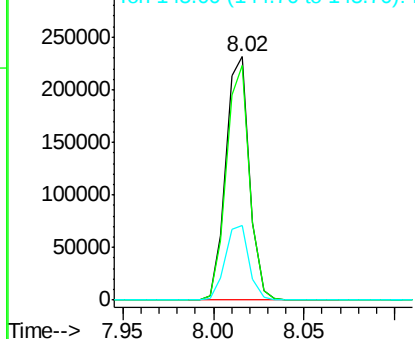


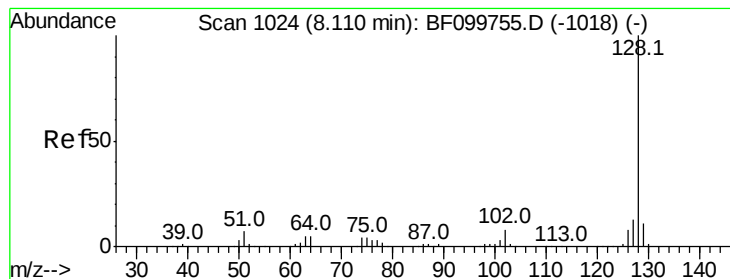
#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.835 ng  
 RT: 8.02 min Scan# 1008  
 Delta R.T. 0.00 min  
 Lab File: BF099951.D  
 Acq: 30 Oct 2017 11:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.4  | 76.8  | 115.2 |
| 145     | 30.7  | 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: 39.721 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF099951.D

Acq: 30 Oct 2017 11:34

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

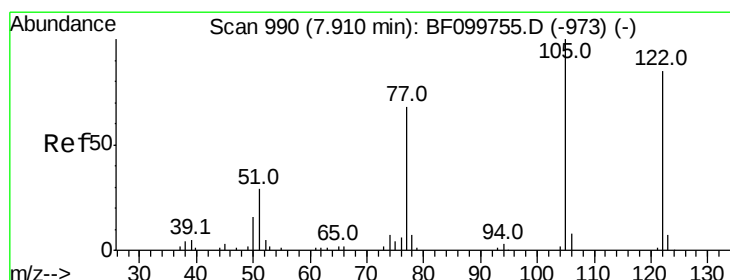
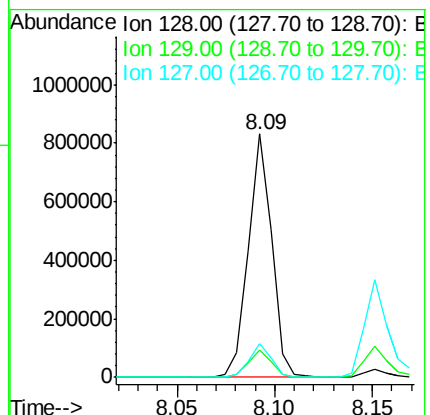
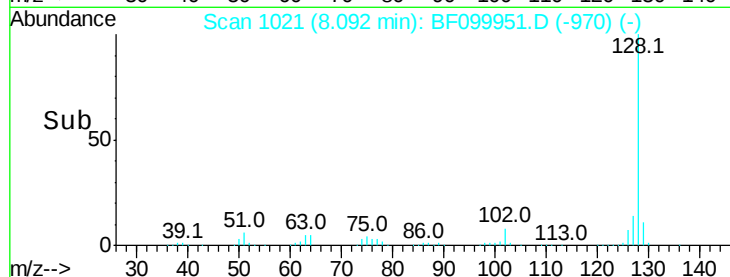
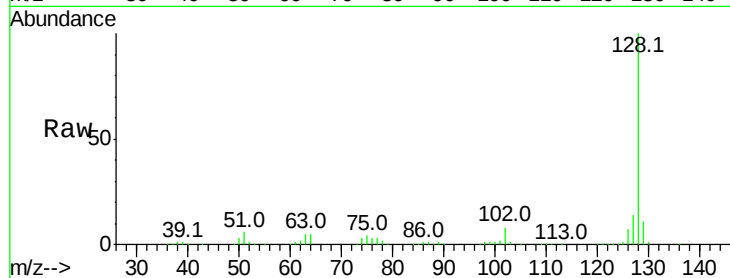
Tot Ion:128 Resp: 690740

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

127 13.7 10.9 16.3



#32

Benzoic acid

Concen: 40.406 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF099951.D

Acq: 30 Oct 2017 11:34

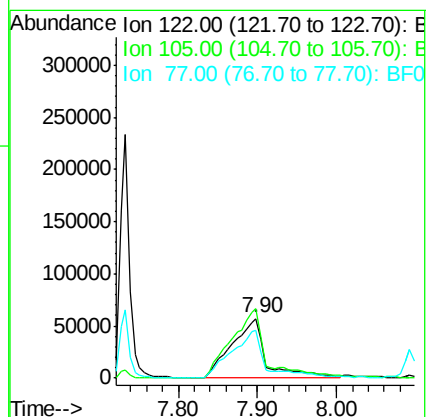
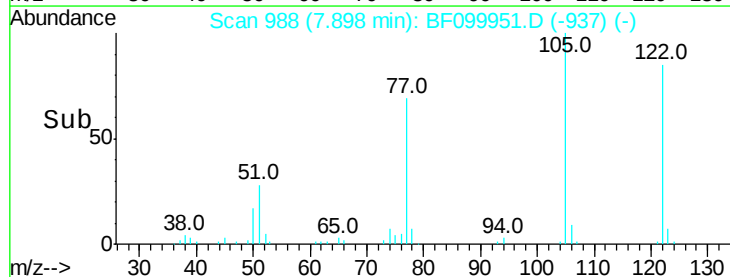
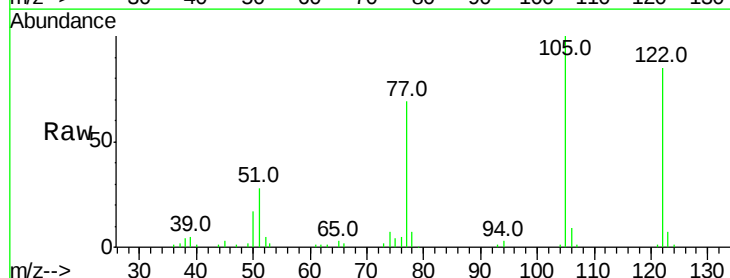
Tgt Ion:122 Resp: 169224

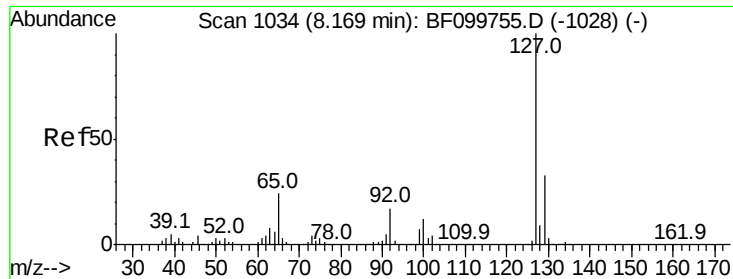
Ion Ratio Lower Upper

122 100

105 117.4 101.1 141.1

77 80.8 70.7 110.7

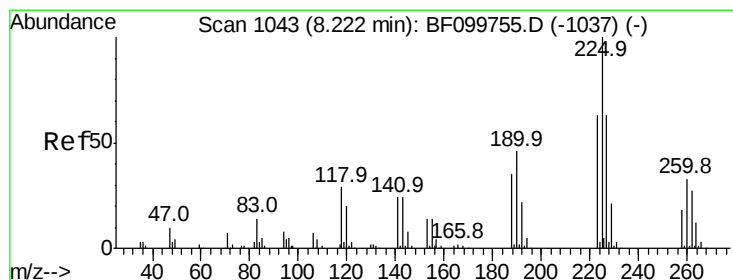
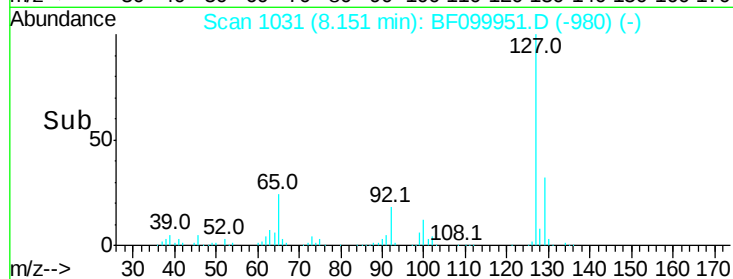
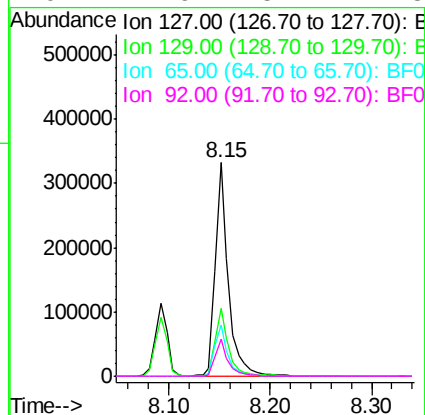
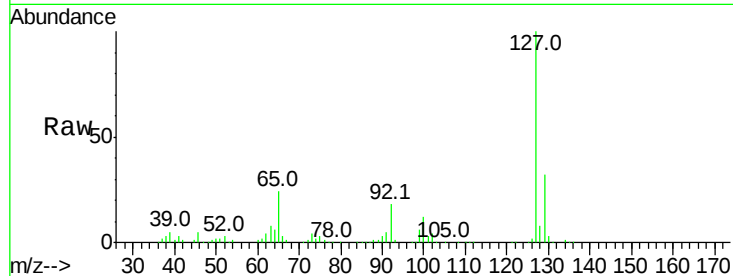




#33  
4-Chloroaniline  
Concen: 41.391 ng  
RT: 8.15 min Scan# 1031  
Delta R.T. 0.00 min  
Lab File: BF099951.D  
Acq: 30 Oct 2017 11:34

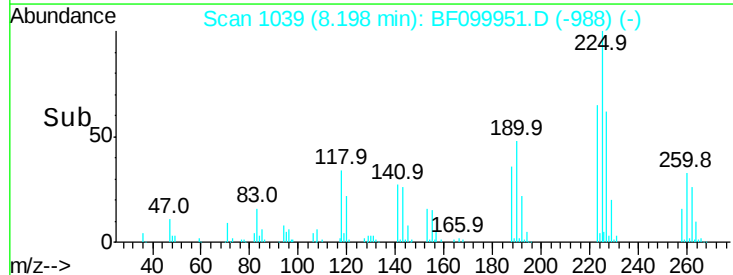
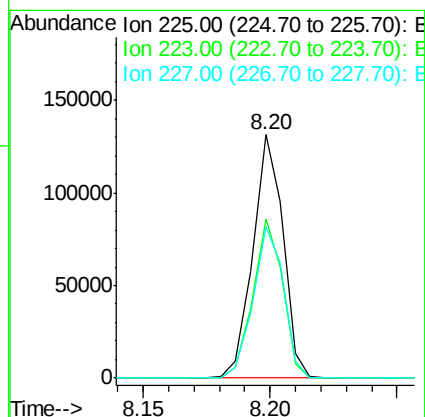
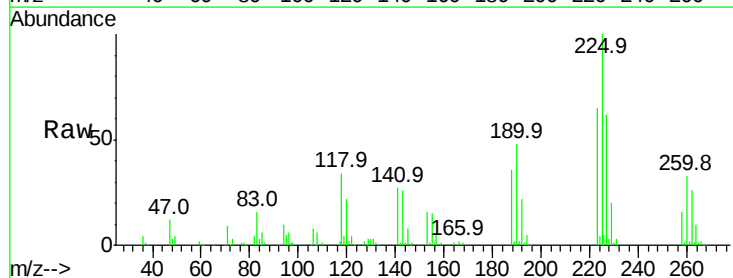
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

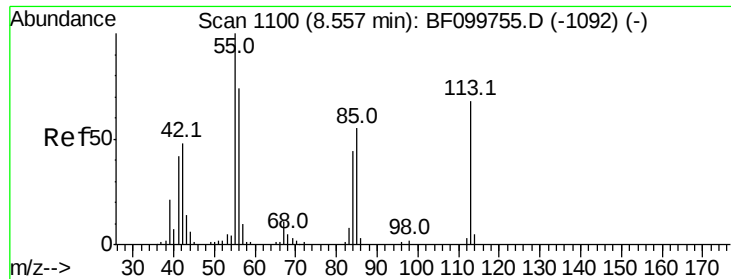
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 297223 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.0  | 25.9  | 38.9   |
| 65       | 24.2  | 25.0  | 37.4#  |
| 92       | 17.6  | 15.2  | 22.8   |



#34  
Hexachlorobutadiene  
Concen: 40.168 ng  
RT: 8.20 min Scan# 1039  
Delta R.T. 0.00 min  
Lab File: BF099951.D  
Acq: 30 Oct 2017 11:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 109114 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 65.1  | 50.6  | 76.0   |
| 227      | 62.0  | 51.9  | 77.9   |





#35

Caprolactam

Concen: 41.870 ng

RT: 8.54 min Scan# 1097

Delta R.T. 0.00 min

Lab File: BF099951.D

Acq: 30 Oct 2017 11:34

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

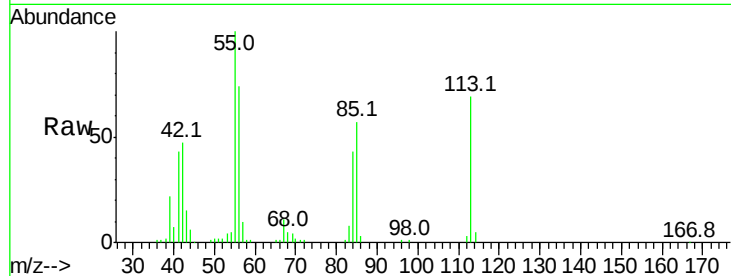
Tot Ion:113 Resp: 65082

Ion Ratio Lower Upper

113 100

55 145.3 163.3 203.3#

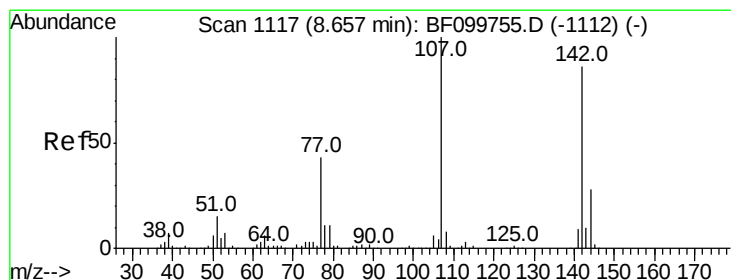
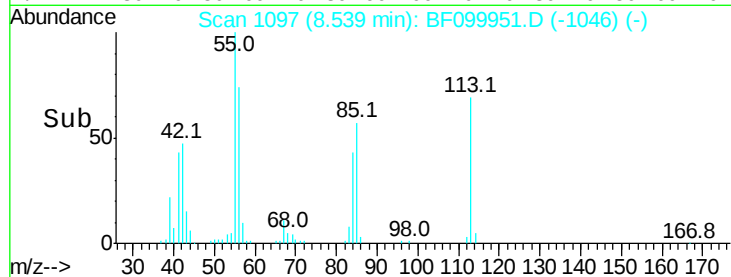
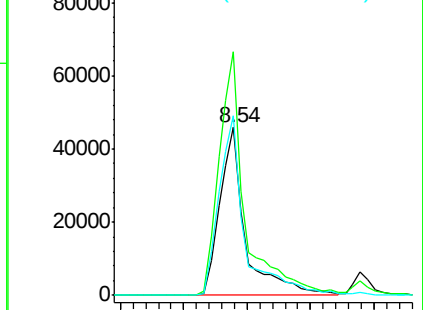
56 106.9 115.7 155.7#



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: 40.150 ng

RT: 8.64 min Scan# 1114

Delta R.T. 0.00 min

Lab File: BF099951.D

Acq: 30 Oct 2017 11:34

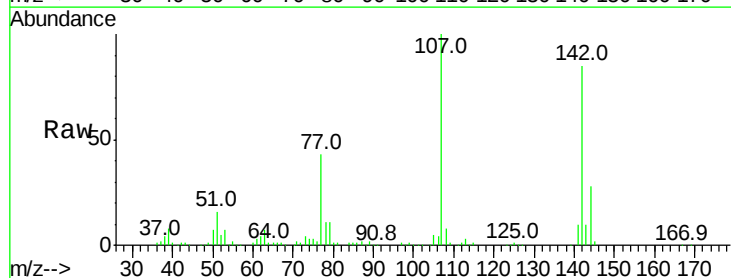
Tgt Ion:107 Resp: 202555

Ion Ratio Lower Upper

107 100

144 27.7 20.5 30.7

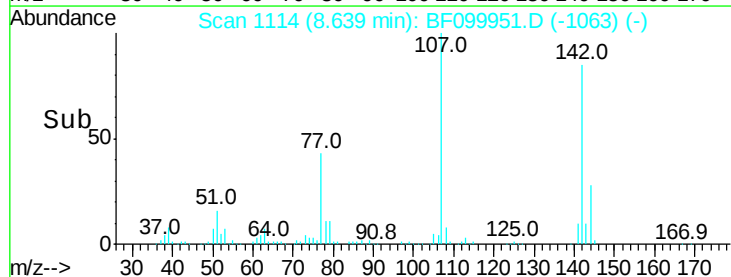
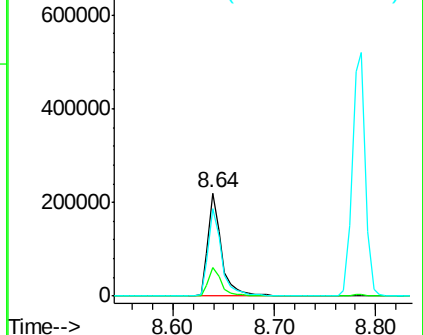
142 85.3 62.0 93.0

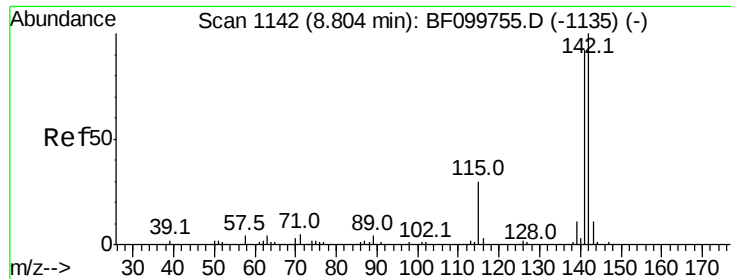


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

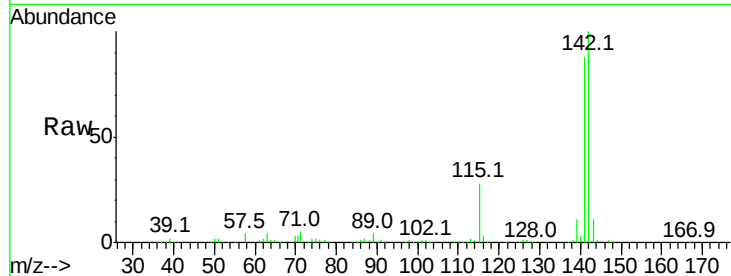




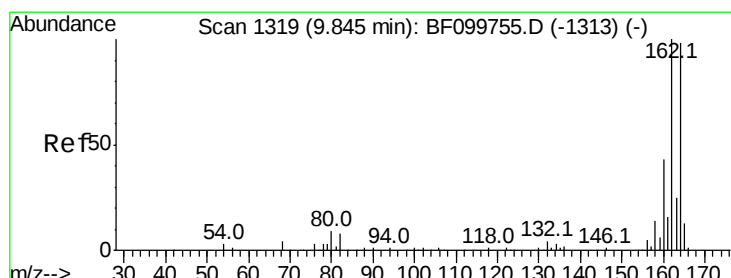
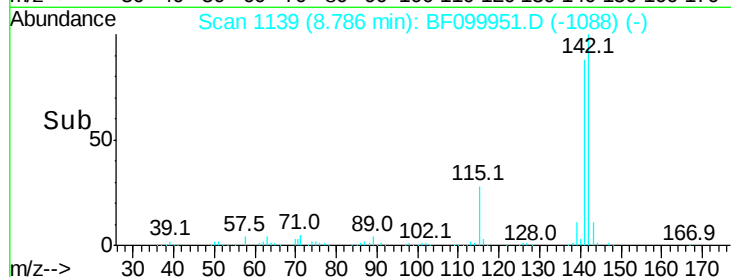
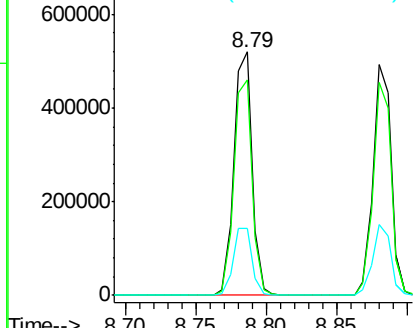
#37  
 2-Methylnaphthalene  
 Concen: 39.996 ng  
 RT: 8.79 min Scan# 1139  
 Delta R.T. 0.00 min  
 Lab File: BF099951.D  
 Acq: 30 Oct 2017 11:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:142 Resp: 466102  
 Ion Ratio Lower Upper  
 142 100  
 141 88.4 70.8 106.2  
 115 27.6 26.1 39.1

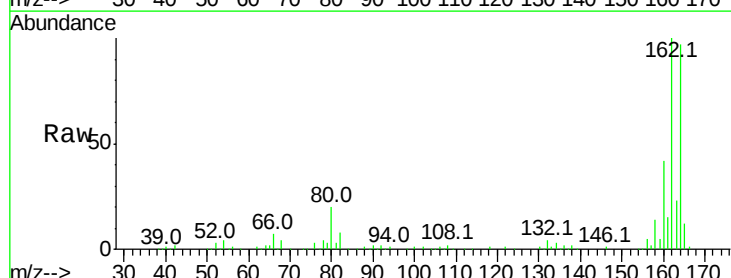


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

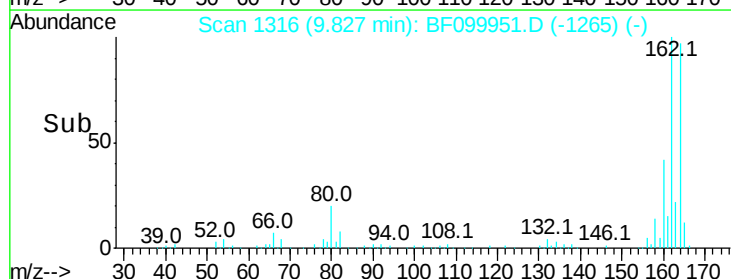
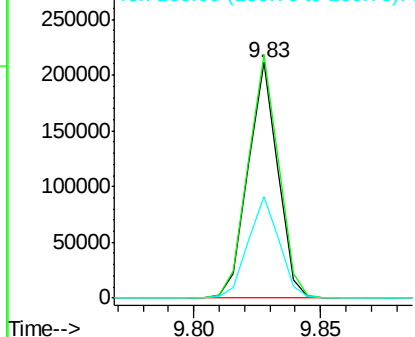


#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.83 min Scan# 1316  
 Delta R.T. 0.00 min  
 Lab File: BF099951.D  
 Acq: 30 Oct 2017 11:34

Tgt Ion:164 Resp: 172345  
 Ion Ratio Lower Upper  
 164 100  
 162 103.4 86.1 129.1  
 160 43.1 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E  
 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E

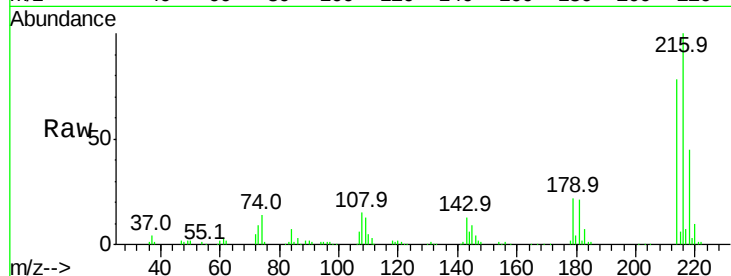




#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 40.040 ng  
 RT: 8.95 min Scan# 1167  
 Delta R.T. 0.00 min  
 Lab File: BF099951.D  
 Acq: 30 Oct 2017 11:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 216   | Resp: | 222873 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 78.8  | 63.0  | 94.4   |
| 179      | 21.6  | 18.1  | 27.1   |
| 108      | 16.0  | 17.2  | 25.8#  |

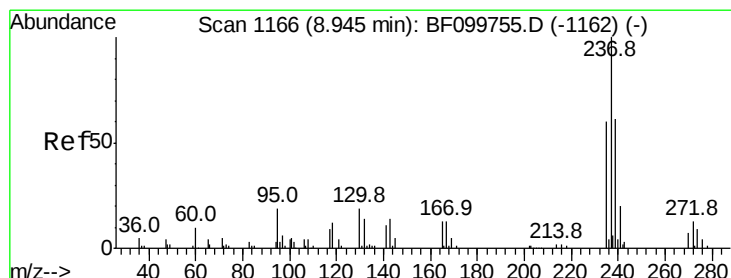
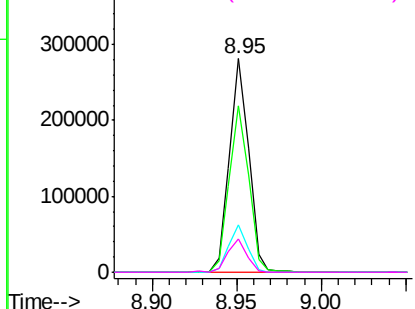
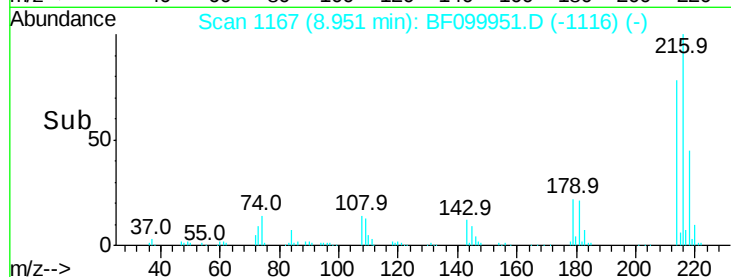


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

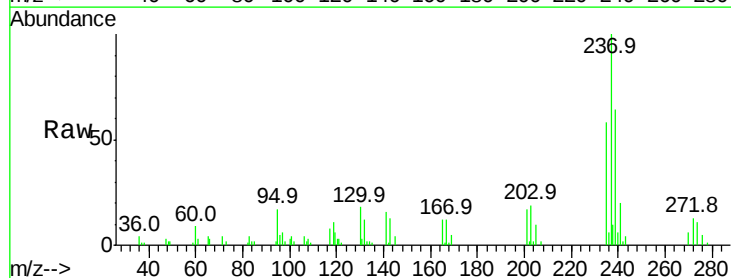
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40  
 Hexachlorocyclopentadiene  
 Concen: 35.378 ng  
 RT: 8.93 min Scan# 1163  
 Delta R.T. 0.00 min  
 Lab File: BF099951.D  
 Acq: 30 Oct 2017 11:34

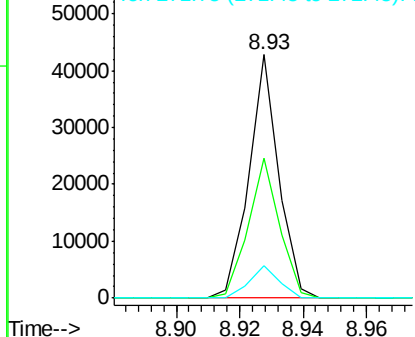
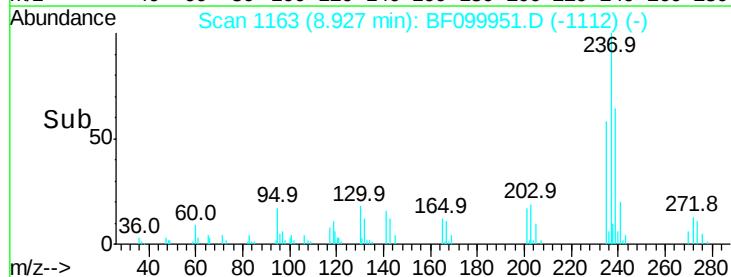
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 27859 |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 57.6  | 44.8  | 84.8  |
| 272      | 13.1  | 0.0   | 33.3  |



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

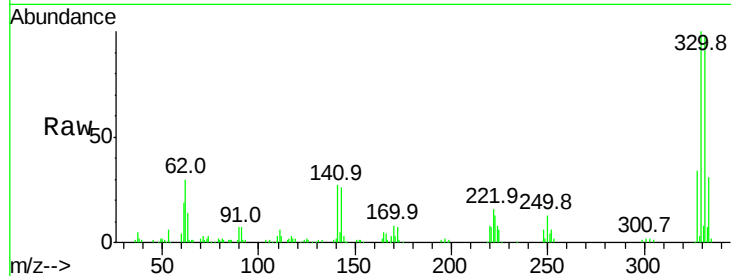




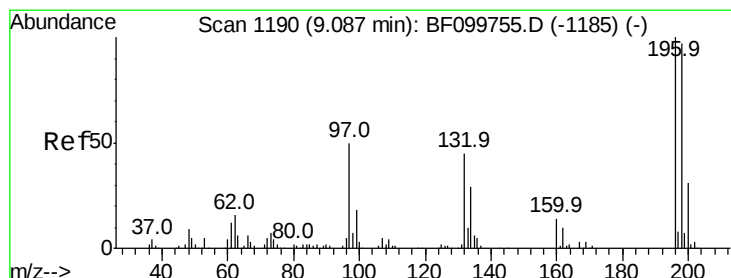
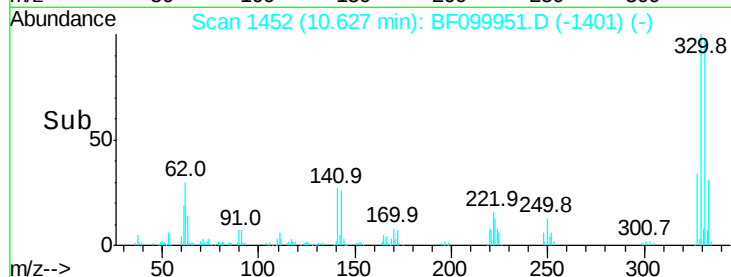
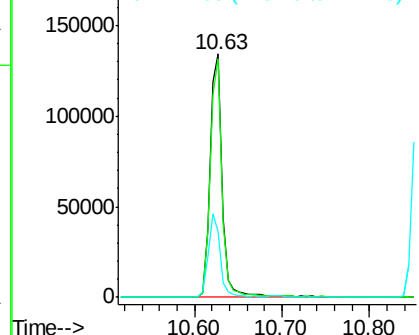
#41  
 2,4,6-Tribromophenol  
 Concen: 82.921 ng  
 RT: 10.63 min Scan# 1452  
 Delta R.T. 0.00 min  
 Lab File: BF099951.D  
 Acq: 30 Oct 2017 11:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:330 Resp: 130236  
 Ion Ratio Lower Upper  
 330 100  
 332 95.4 77.0 115.6  
 141 33.3 29.9 44.9

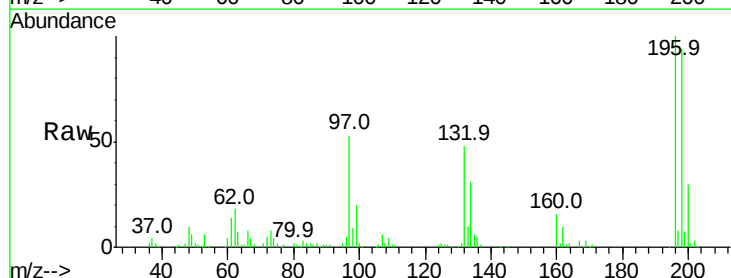


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

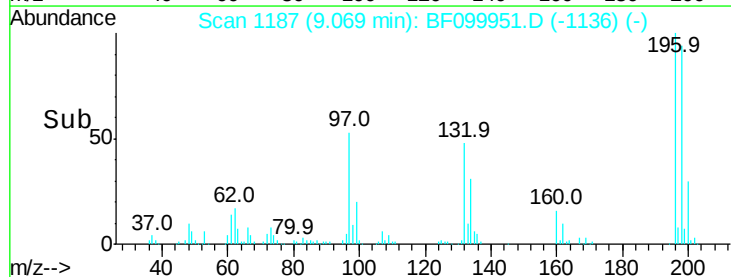
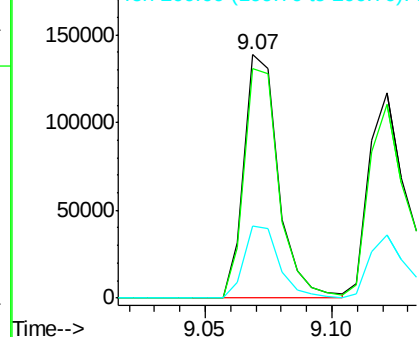


#42  
 2,4,6-Trichlorophenol  
 Concen: 39.108 ng  
 RT: 9.07 min Scan# 1187  
 Delta R.T. 0.00 min  
 Lab File: BF099951.D  
 Acq: 30 Oct 2017 11:34

Tgt Ion:196 Resp: 131677  
 Ion Ratio Lower Upper  
 196 100  
 198 94.3 75.7 113.5  
 200 29.8 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

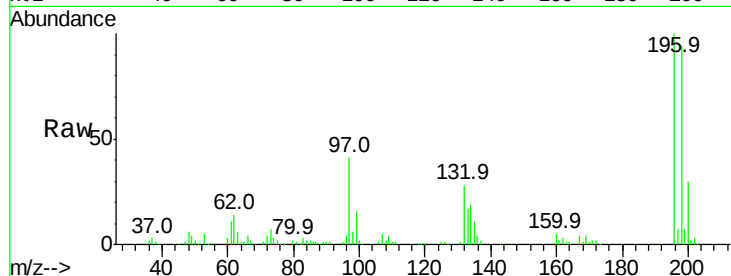




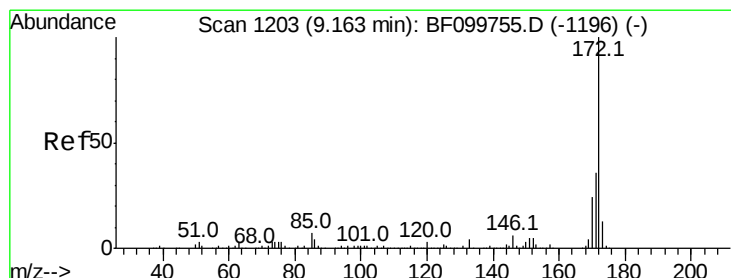
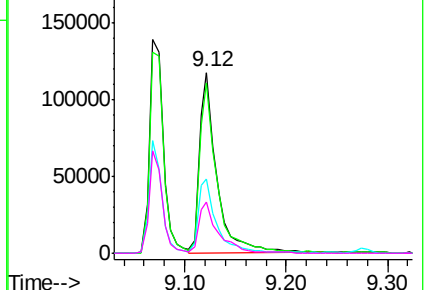
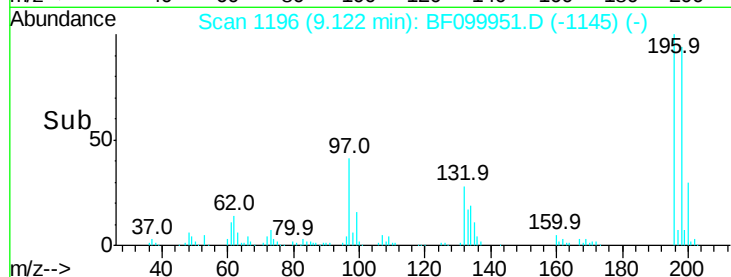
#43  
 2,4,5-Trichlorophenol  
 Concen: 38.873 ng  
 RT: 9.12 min Scan# 1196  
 Delta R.T. 0.00 min  
 Lab File: BF099951.D  
 Acq: 30 Oct 2017 11:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 196   | Resp: | 138891 |
| Ion      | Ratio | Lower | Upper  |
| 196      | 100   |       |        |
| 198      | 94.4  | 74.6  | 112.0  |
| 97       | 41.5  | 42.9  | 64.3#  |
| 132      | 28.4  | 26.3  | 39.5   |

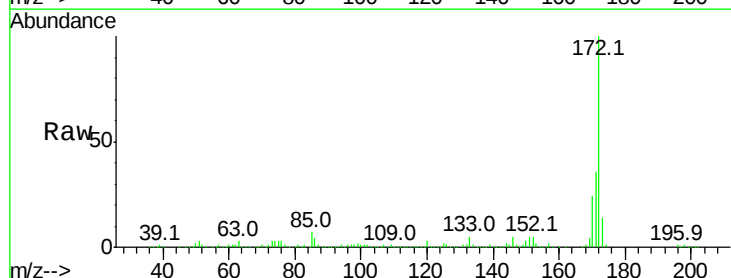


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

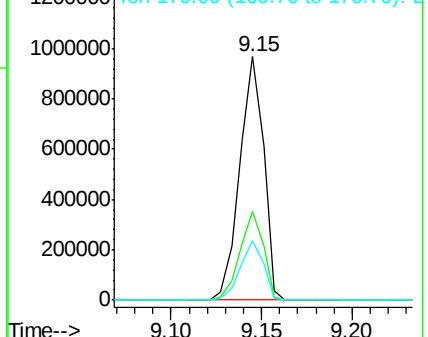
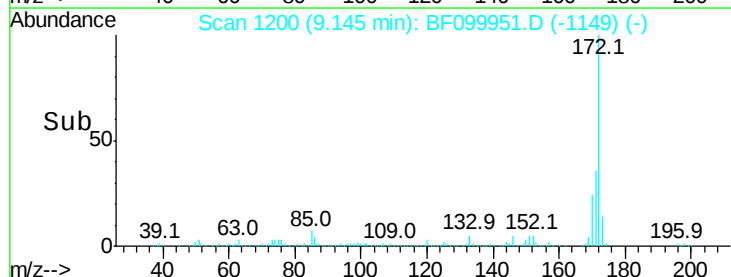


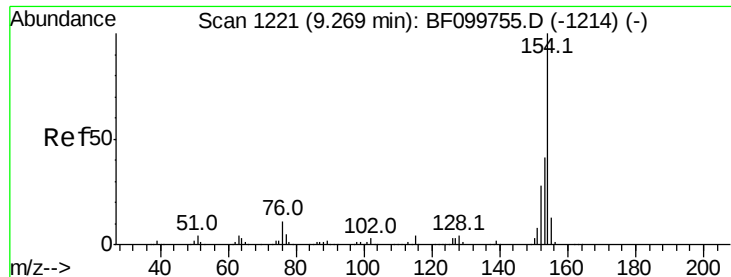
#44  
 2-Fluorobiphenyl  
 Concen: 79.423 ng  
 RT: 9.15 min Scan# 1200  
 Delta R.T. 0.00 min  
 Lab File: BF099951.D  
 Acq: 30 Oct 2017 11:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 172   | Resp: | 887210 |
| Ion      | Ratio | Lower | Upper  |
| 172      | 100   |       |        |
| 171      | 36.4  | 29.7  | 44.5   |
| 170      | 24.3  | 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

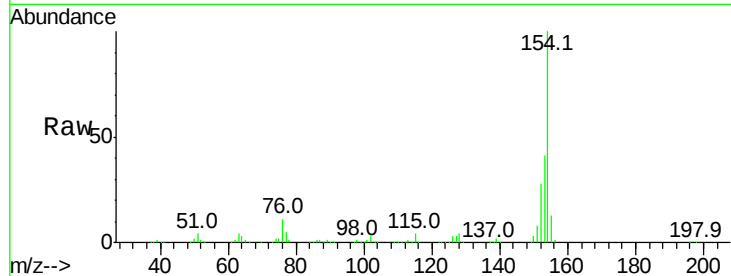




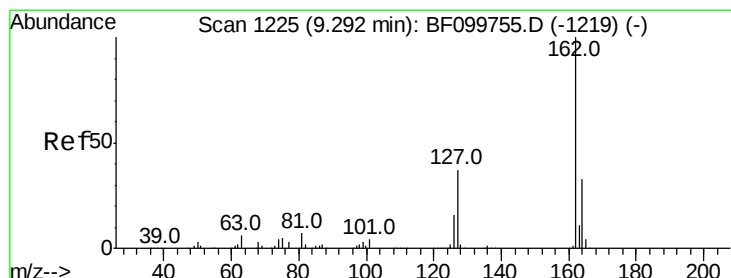
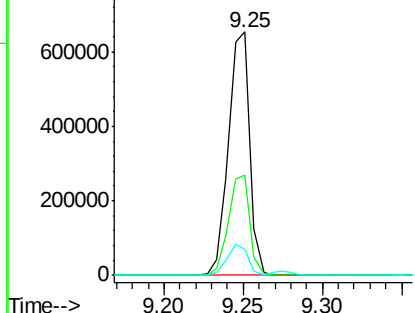
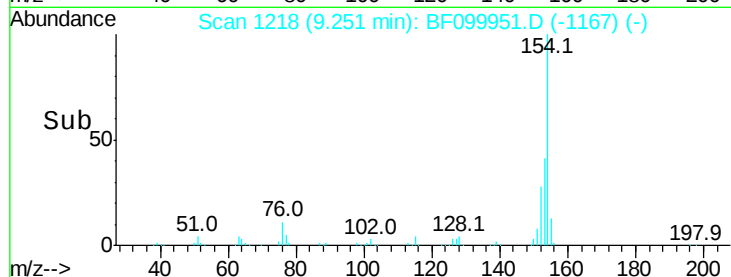
#45  
 1,1'-Biphenyl  
 Concen: 38.861 ng  
 RT: 9.25 min Scan# 1218  
 Delta R.T. 0.00 min  
 Lab File: BF099951.D  
 Acq: 30 Oct 2017 11:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

Tot Ion:154 Resp: 605892  
 Ion Ratio Lower Upper  
 154 100  
 153 41.0 21.3 61.3  
 76 10.9 0.0 34.0

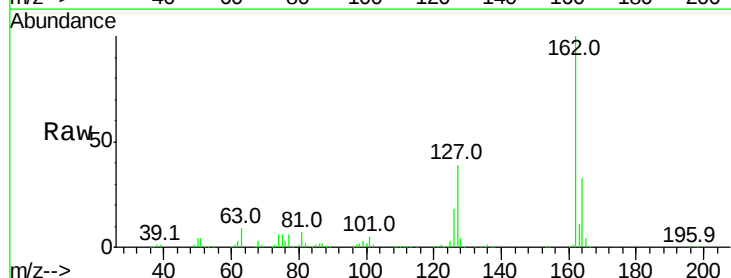


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF0

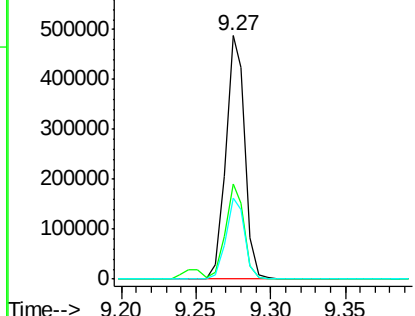
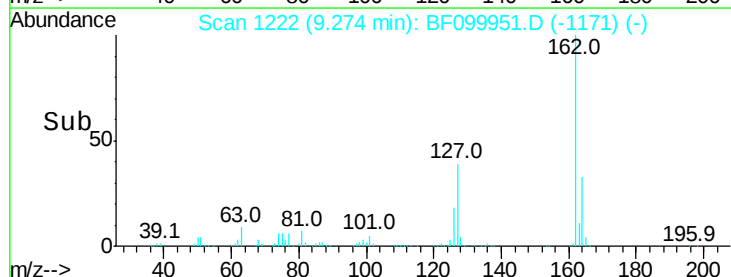


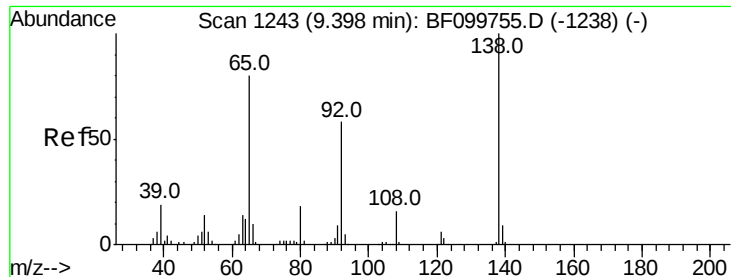
#46  
 2-Chloronaphthalene  
 Concen: 38.806 ng  
 RT: 9.27 min Scan# 1222  
 Delta R.T. 0.00 min  
 Lab File: BF099951.D  
 Acq: 30 Oct 2017 11:34

Tgt Ion:162 Resp: 439390  
 Ion Ratio Lower Upper  
 162 100  
 127 38.9 33.9 50.9  
 164 33.3 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 39.266 ng

RT: 9.39 min Scan# 1241

Delta R.T. 0.00 min

Lab File: BF099951.D

Acq: 30 Oct 2017 11:34

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

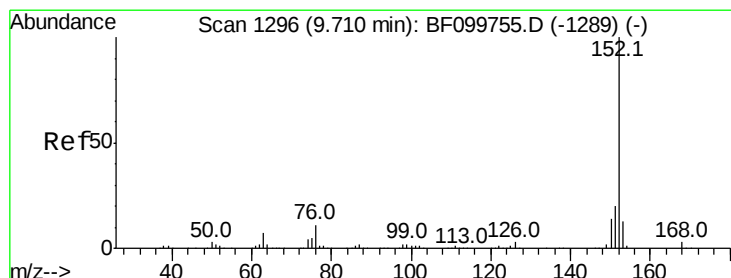
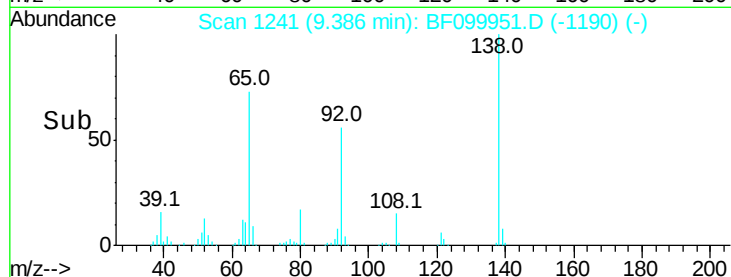
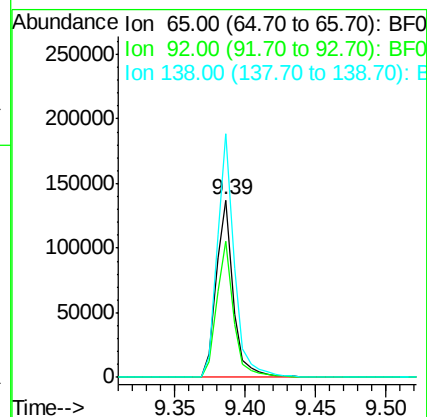
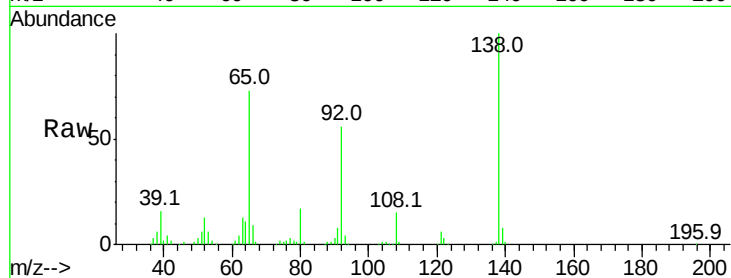
Tot Ion: 65 Resp: 116689

Ion Ratio Lower Upper

65 100

92 76.3 55.8 83.6

138 137.0 91.2 136.8#



#48

Acenaphthylene

Concen: 38.969 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BF099951.D

Acq: 30 Oct 2017 11:34

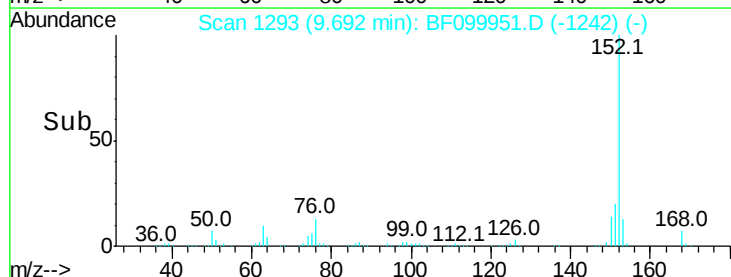
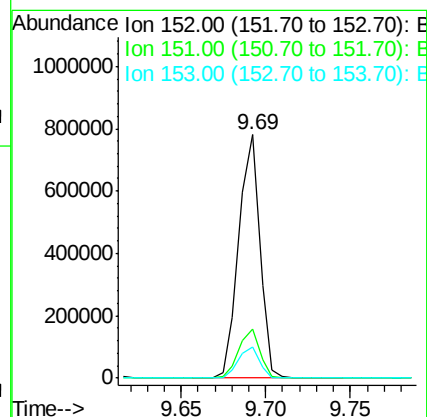
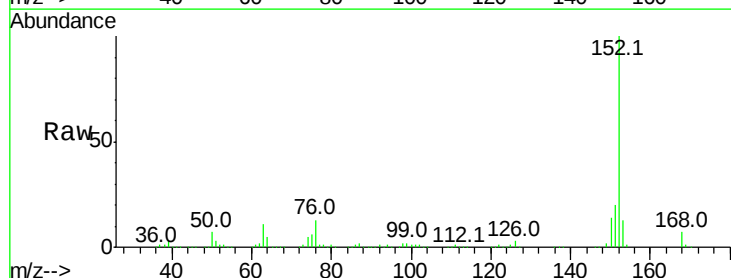
Tgt Ion: 152 Resp: 679601

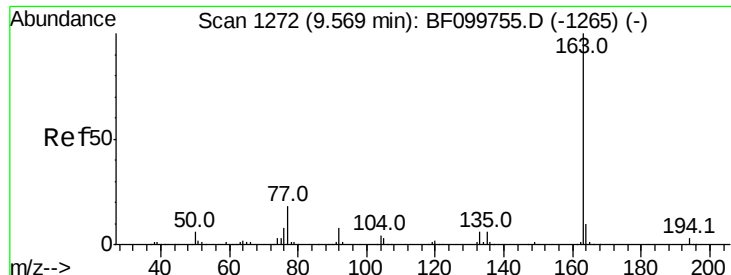
Ion Ratio Lower Upper

152 100

151 20.0 16.3 24.5

153 12.8 10.7 16.1

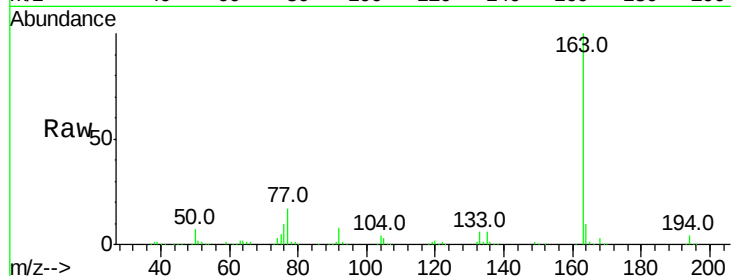




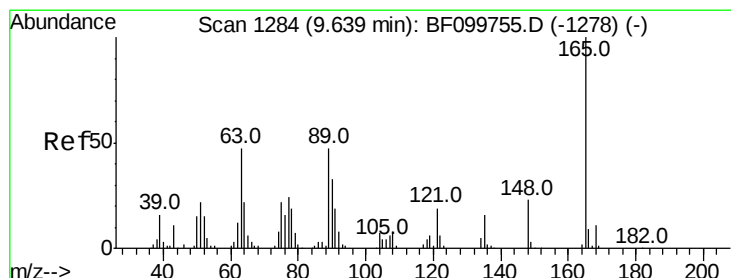
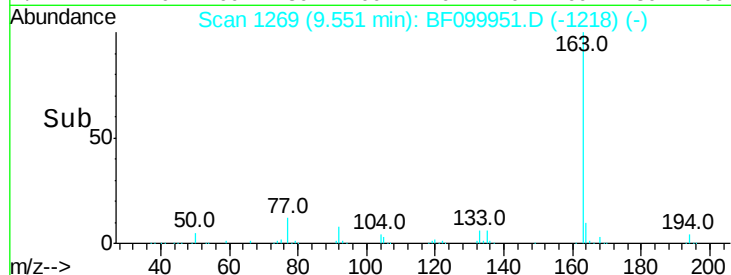
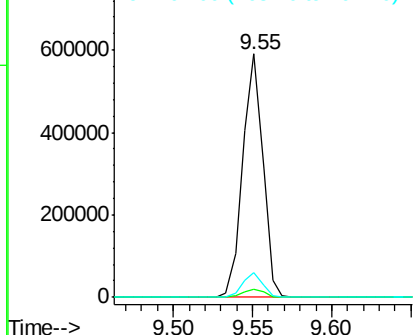
#49  
Dimethylphthalate  
Concen: 38.155 ng  
RT: 9.55 min Scan# 1269  
Delta R.T. 0.00 min  
Lab File: BF099951.D  
Acq: 30 Oct 2017 11:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:163 Resp: 520746  
Ion Ratio Lower Upper  
163 100  
194 3.6 2.7 4.1  
164 10.1 8.2 12.2

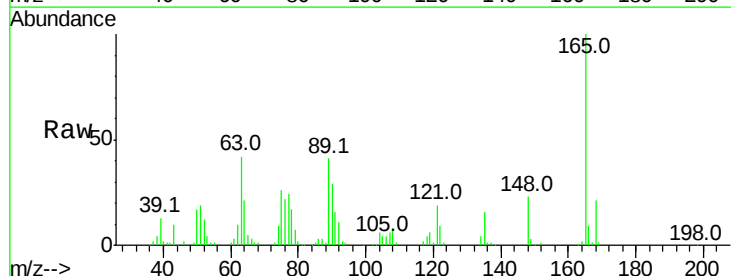


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

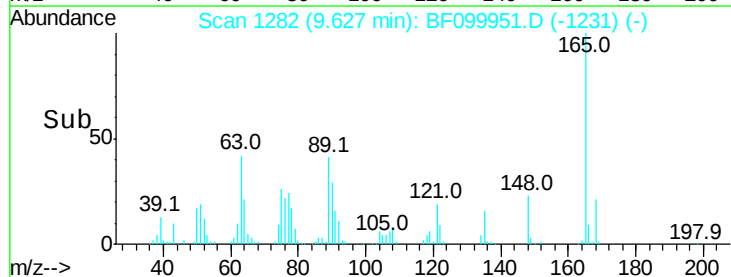
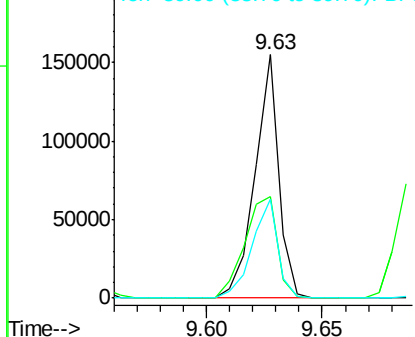


#50  
2,6-Dinitrotoluene  
Concen: 39.052 ng  
RT: 9.63 min Scan# 1282  
Delta R.T. 0.00 min  
Lab File: BF099951.D  
Acq: 30 Oct 2017 11:34

Tgt Ion:165 Resp: 112048  
Ion Ratio Lower Upper  
165 100  
63 41.5 44.7 67.1#  
89 40.7 44.0 66.0#



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

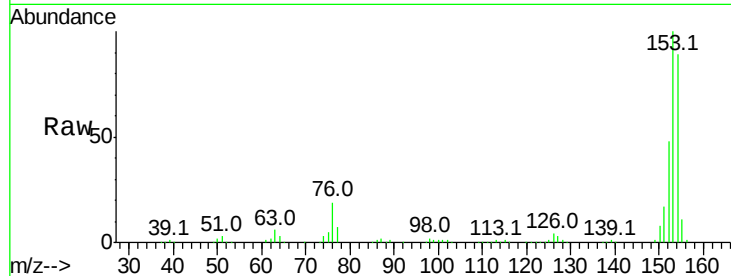




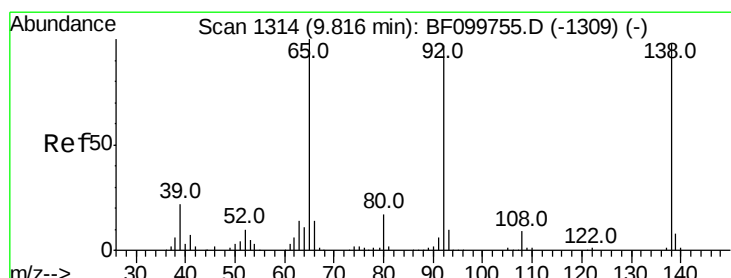
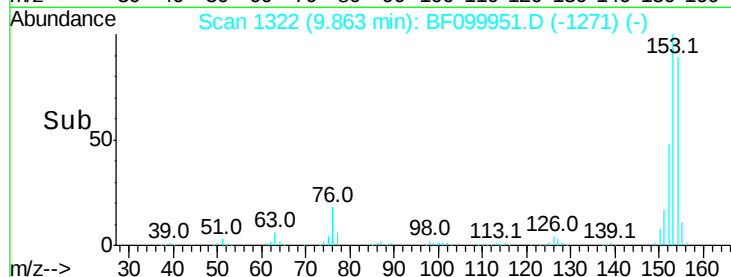
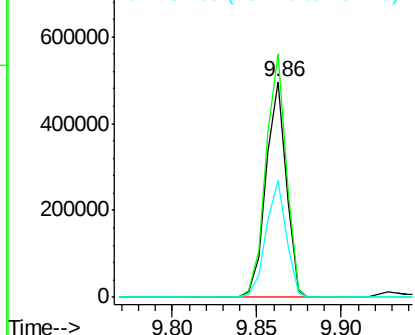
#51  
Acenaphthene  
Concen: 38.957 ng  
RT: 9.86 min Scan# 1322  
Delta R.T. 0.00 min  
Lab File: BF099951.D  
Acq: 30 Oct 2017 11:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:154 Resp: 415125  
Ion Ratio Lower Upper  
154 100  
153 112.7 91.2 136.8  
152 53.9 43.8 65.8

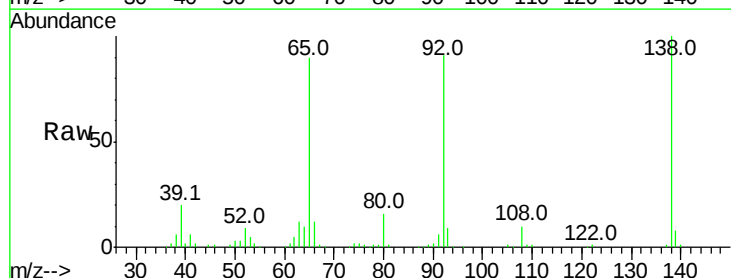


Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E

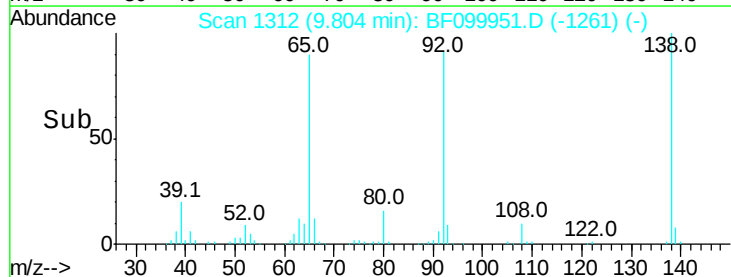
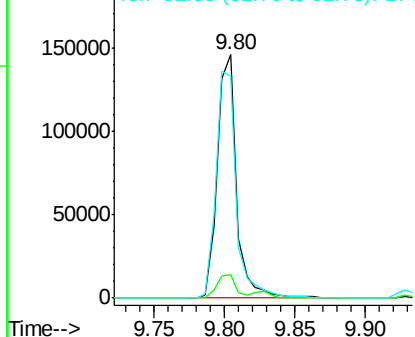


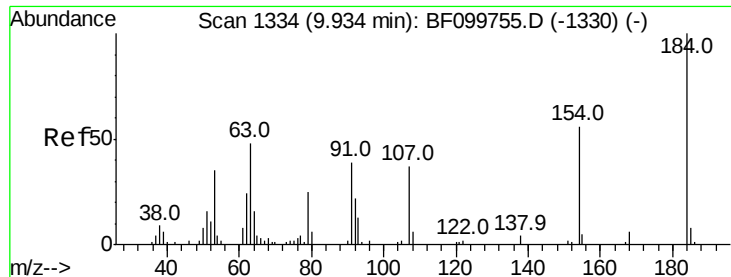
#52  
3-Nitroaniline  
Concen: 40.715 ng  
RT: 9.80 min Scan# 1312  
Delta R.T. 0.00 min  
Lab File: BF099951.D  
Acq: 30 Oct 2017 11:34

Tgt Ion:138 Resp: 137648  
Ion Ratio Lower Upper  
138 100  
108 9.6 9.4 14.0  
92 91.3 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

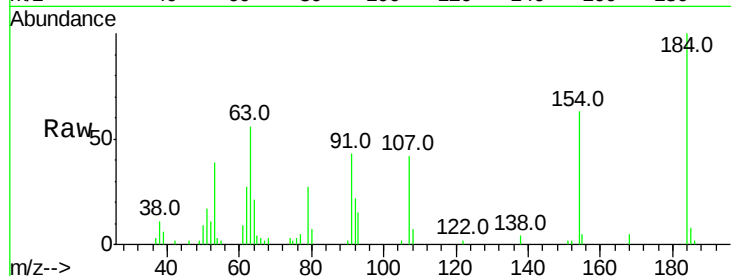




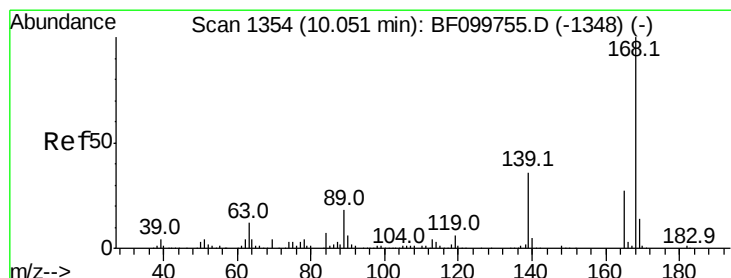
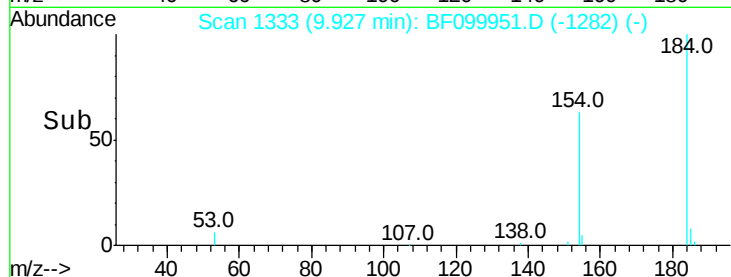
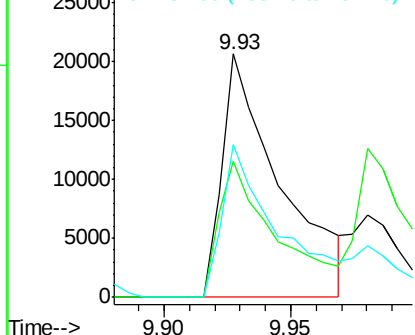
#53  
2,4-Dinitrophenol  
Concen: 32.679 ng  
RT: 9.93 min Scan# 1333  
Delta R.T. 0.00 min  
Lab File: BF099951.D  
Acq: 30 Oct 2017 11:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:184 Resp: 32859  
Ion Ratio Lower Upper  
184 100  
63 55.7 54.2 81.2  
154 62.8 53.5 80.3

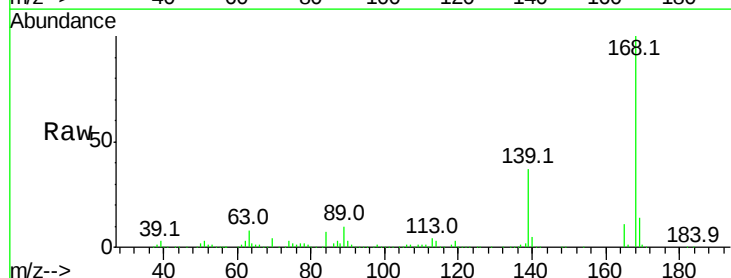


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 154.00 (153.70 to 154.70): E

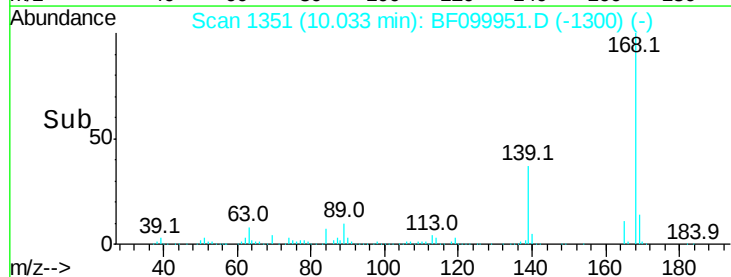
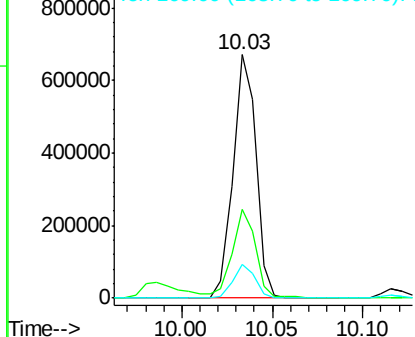


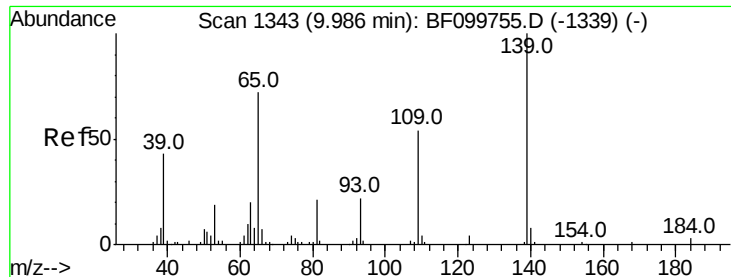
#54  
Dibenzofuran  
Concen: 39.379 ng  
RT: 10.03 min Scan# 1351  
Delta R.T. 0.00 min  
Lab File: BF099951.D  
Acq: 30 Oct 2017 11:34

Tgt Ion:168 Resp: 592317  
Ion Ratio Lower Upper  
168 100  
139 36.7 30.1 45.1  
169 13.8 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

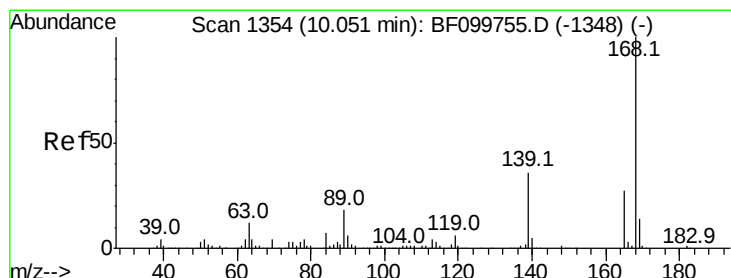
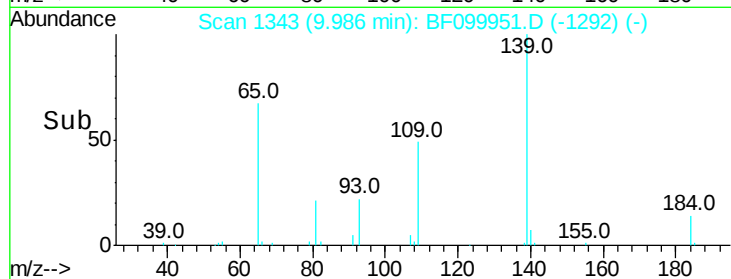
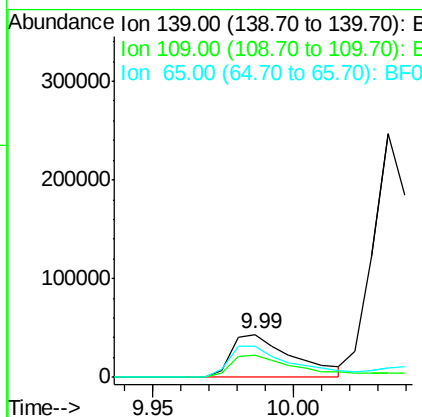
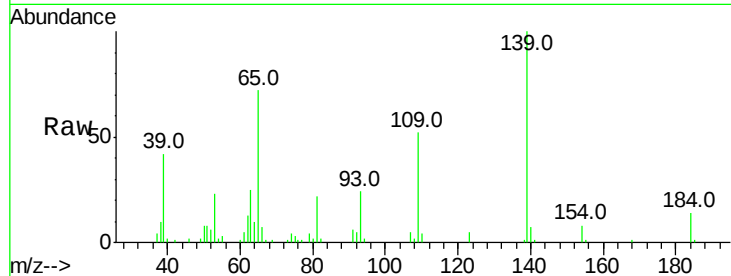




#55  
4-Nitrophenol  
Concen: 36.953 ng  
RT: 9.99 min Scan# 1343  
Delta R.T. 0.00 min  
Lab File: BF099951.D  
Acq: 30 Oct 2017 11:34

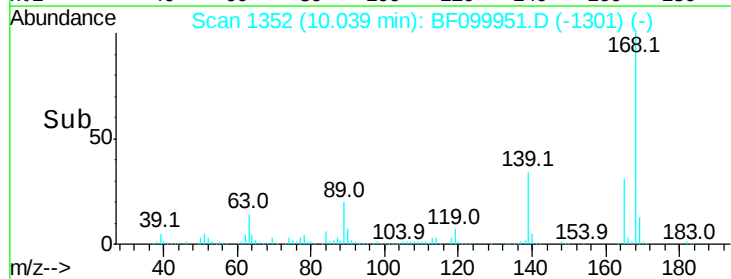
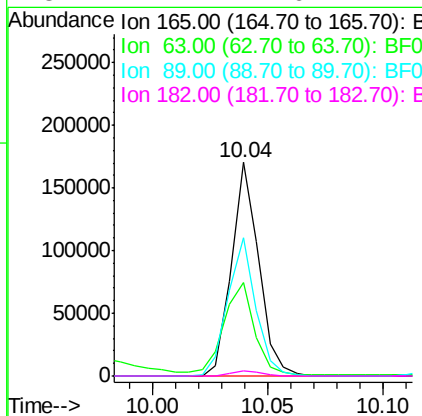
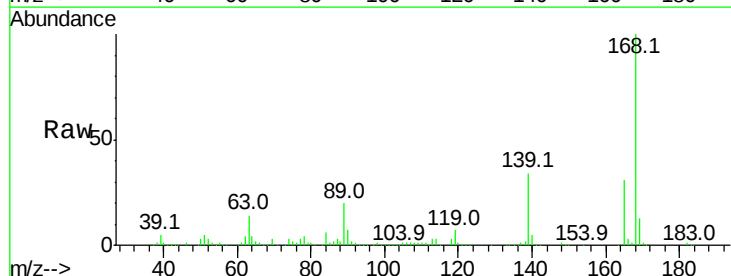
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

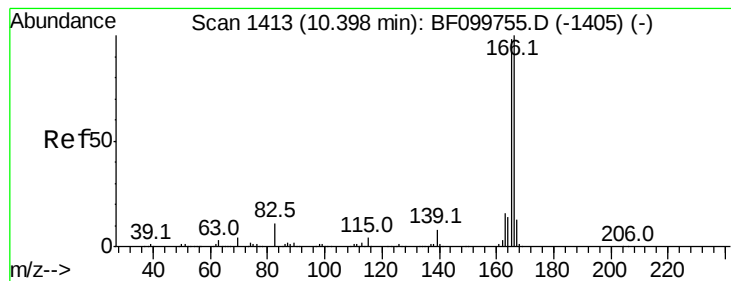
Tot Ion:139 Resp: 65275  
Ion Ratio Lower Upper  
139 100  
109 51.6 48.4 88.4  
65 72.4 72.6 112.6#



#56  
2,4-Dinitrotoluene  
Concen: 40.556 ng  
RT: 10.04 min Scan# 1352  
Delta R.T. 0.00 min  
Lab File: BF099951.D  
Acq: 30 Oct 2017 11:34

Tgt Ion:165 Resp: 140134  
Ion Ratio Lower Upper  
165 100  
63 43.8 36.4 54.6  
89 65.0 57.8 86.6  
182 2.4 1.6 2.4





#57

Fluorene

Concen: 39.468 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.00 min

Lab File: BF099951.D

Acq: 30 Oct 2017 11:34

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

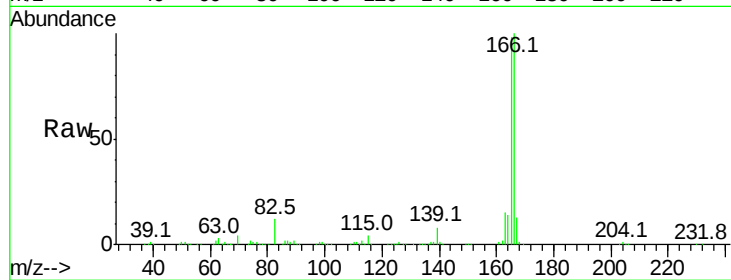
Tot Ion:166 Resp: 491533

Ion Ratio Lower Upper

166 100

165 98.3 79.8 119.8

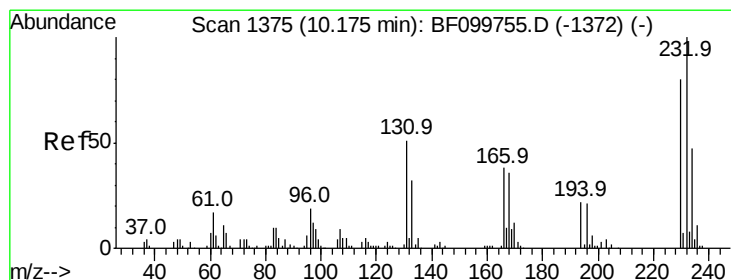
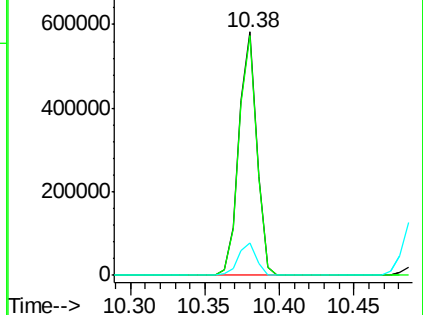
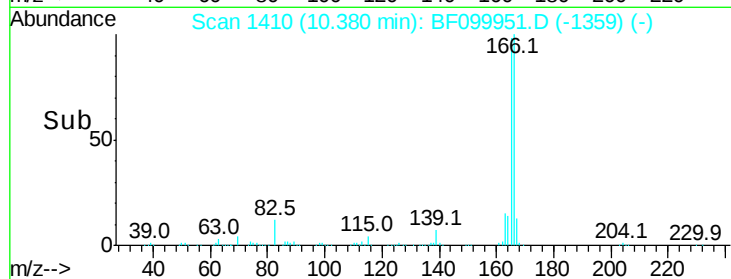
167 13.2 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.466 ng

RT: 10.16 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BF099951.D

Acq: 30 Oct 2017 11:34

Tgt Ion:232 Resp: 103878

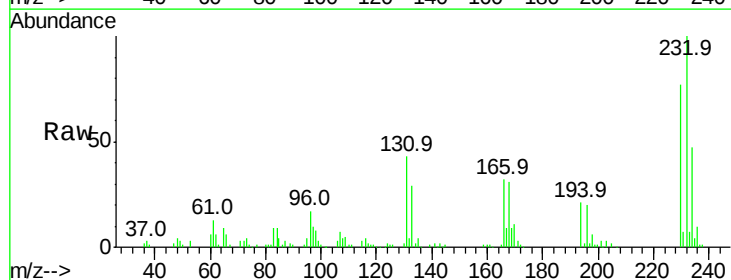
Ion Ratio Lower Upper

232 100

131 45.1 43.8 65.8

130 2.1 2.1 3.1

166 31.3 27.8 41.6

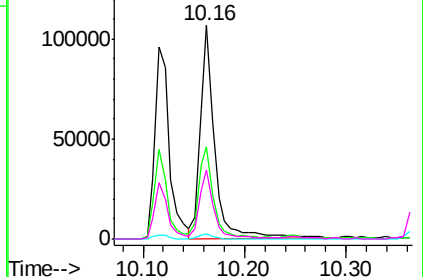
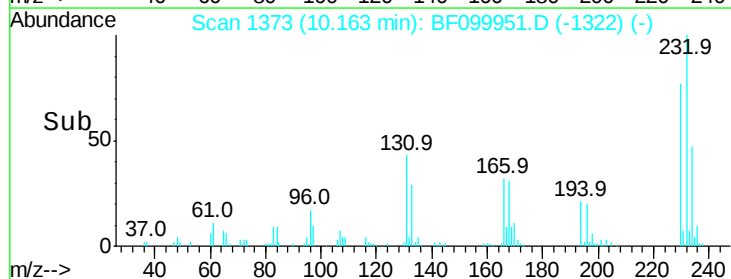


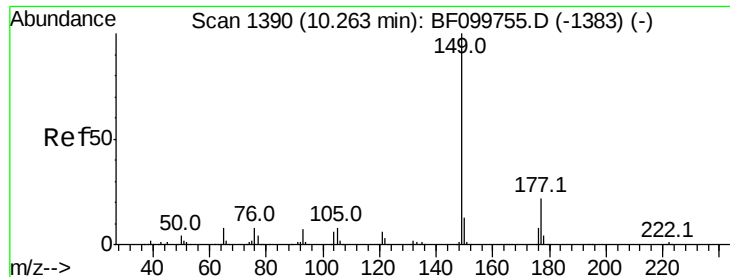
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.029 ng

RT: 10.25 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BF099951.D

Acq: 30 Oct 2017 11:34

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

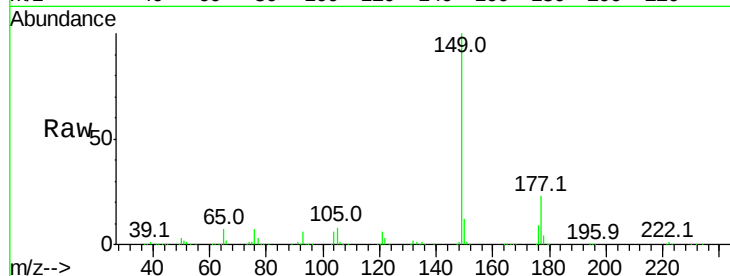
Tot Ion:149 Resp: 520182

Ion Ratio Lower Upper

149 100

177 22.6 16.1 24.1

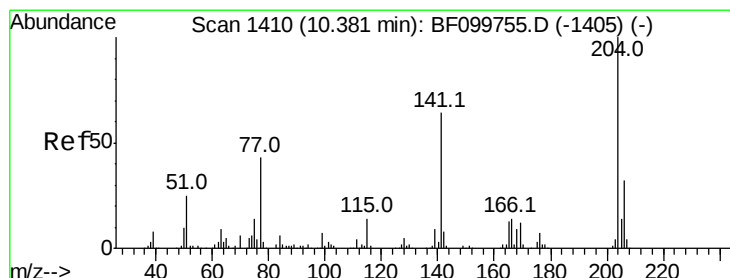
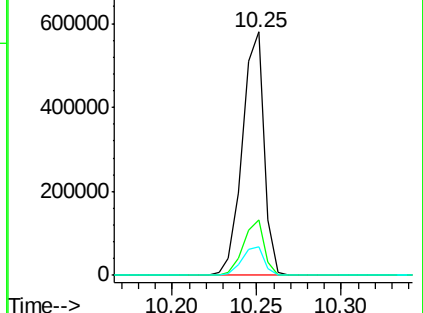
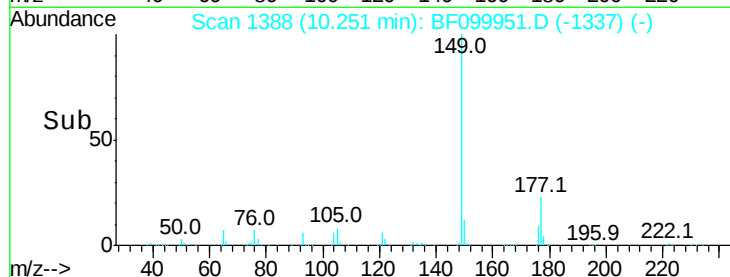
150 11.7 10.1 15.1



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: 39.661 ng

RT: 10.37 min Scan# 1408

Delta R.T. 0.00 min

Lab File: BF099951.D

Acq: 30 Oct 2017 11:34

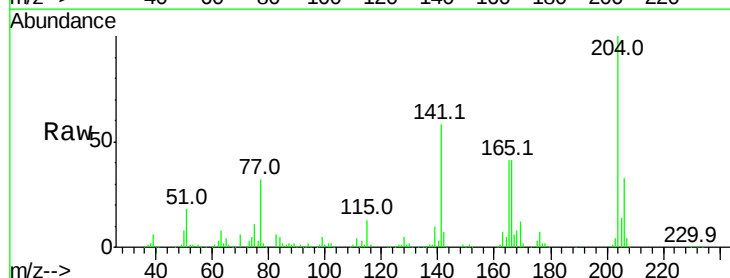
Tgt Ion:204 Resp: 232462

Ion Ratio Lower Upper

204 100

206 33.2 26.5 39.7

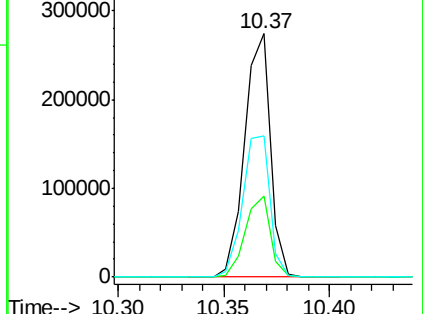
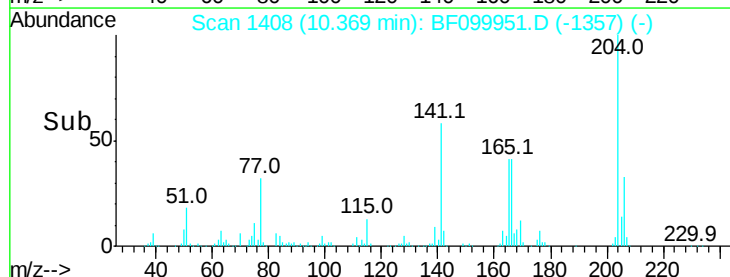
141 58.1 54.6 81.8

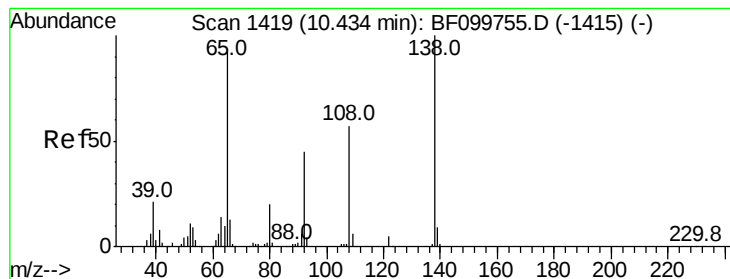


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 40.055 ng

RT: 10.42 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BF099951.D

Acq: 30 Oct 2017 11:34

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

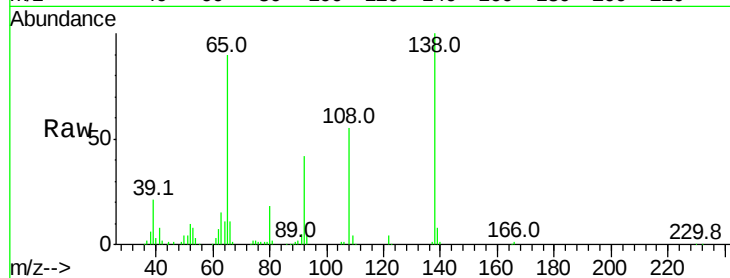
Tot Ion:138 Resp: 129196

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 138 | 100   |       |       |
| 92  | 42.4  | 30.2  | 70.2  |
| 108 | 54.6  | 52.5  | 92.5  |

138 100

92 42.4 30.2 70.2

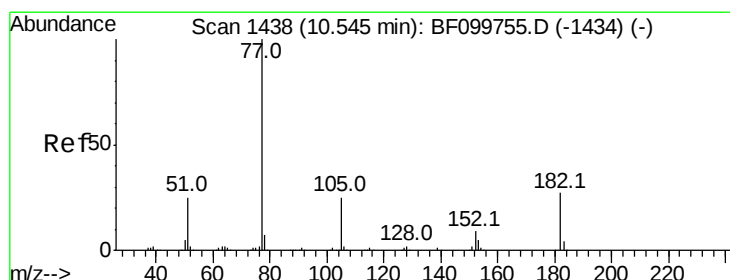
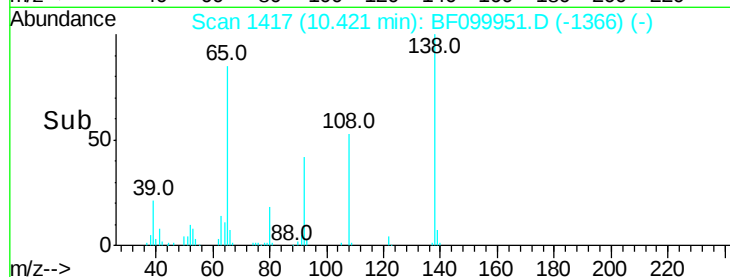
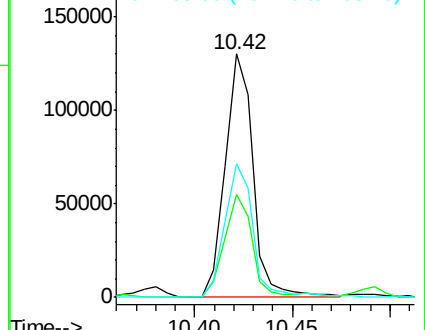
108 54.6 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.827 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF099951.D

Acq: 30 Oct 2017 11:34

Tgt Ion: 77 Resp: 433797

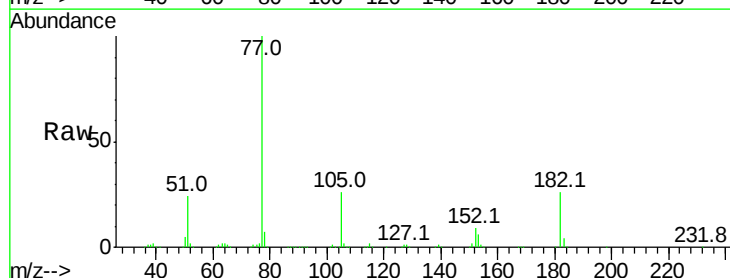
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 26.2  | 1.7   | 41.7  |
| 105 | 25.9  | 3.0   | 43.0  |
| 51  | 24.1  | 9.9   | 49.9  |

77 100

182 26.2 1.7 41.7

105 25.9 3.0 43.0

51 24.1 9.9 49.9

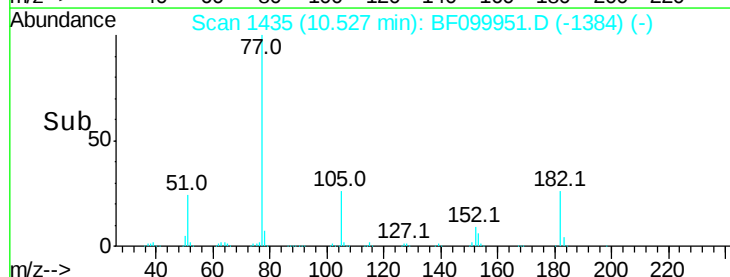
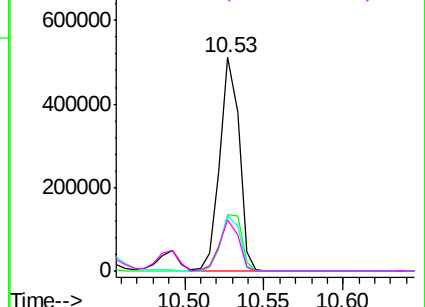


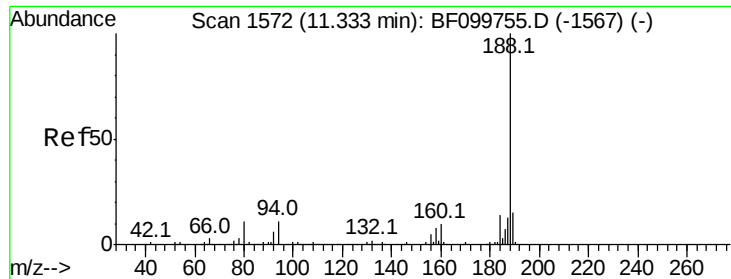
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF099951.D

Acq: 30 Oct 2017 11:34

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

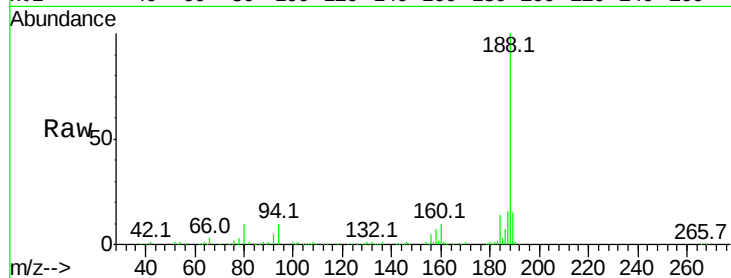
Tot Ion:188 Resp: 313634

Ion Ratio Lower Upper

188 100

94 9.9 8.5 12.7

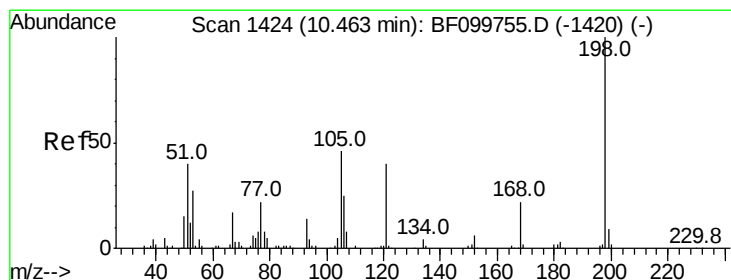
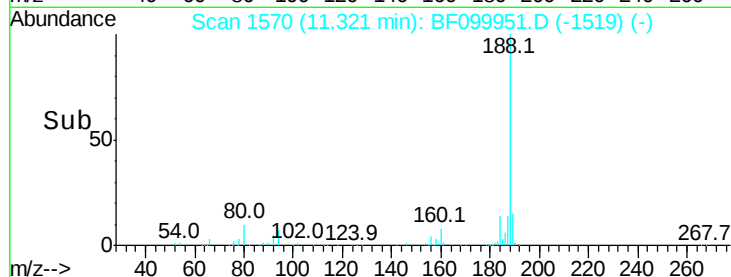
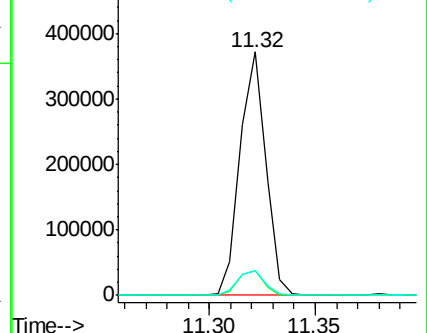
80 10.4 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 39.248 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF099951.D

Acq: 30 Oct 2017 11:34

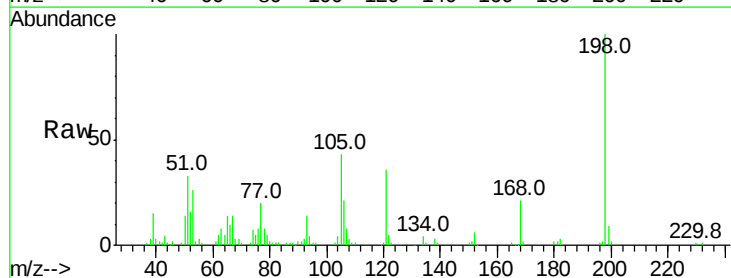
Tgt Ion:198 Resp: 77379

Ion Ratio Lower Upper

198 100

51 32.8 37.7 77.7#

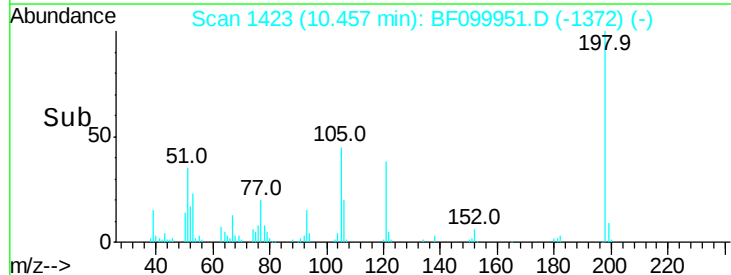
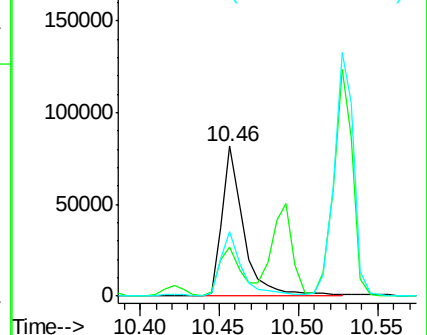
105 42.7 36.3 76.3

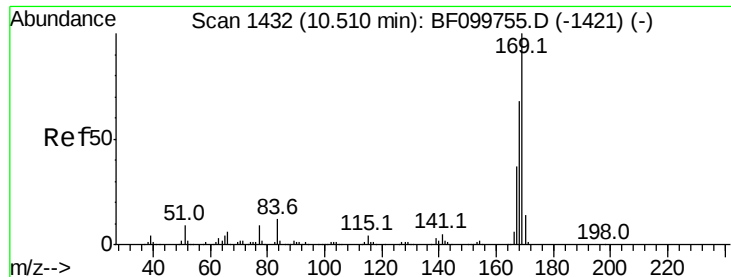


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

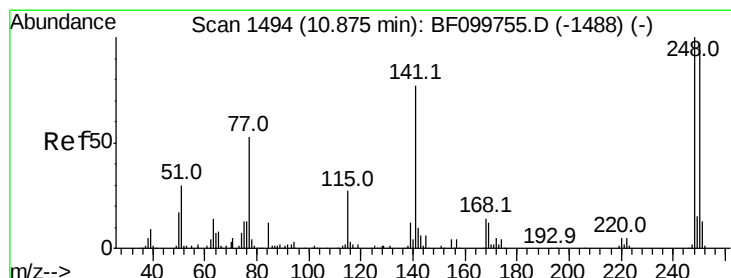
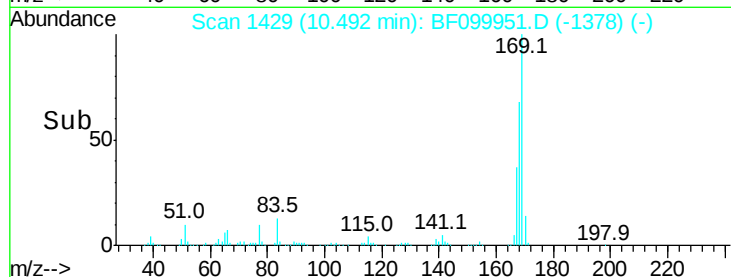
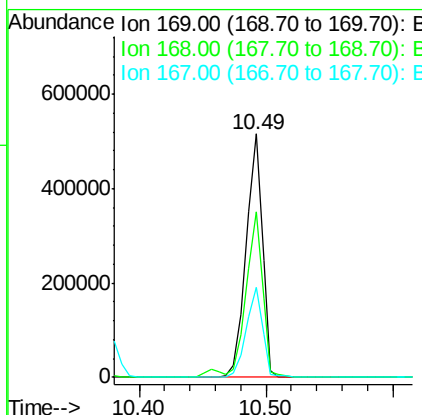
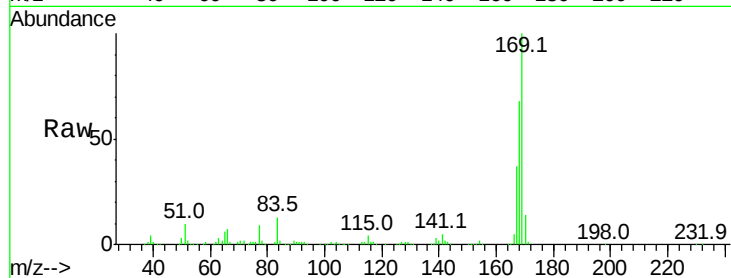




#65  
n-Nitrosodiphenylamine  
Concen: 39.602 ng  
RT: 10.49 min Scan# 1429  
Delta R.T. 0.00 min  
Lab File: BF099951.D  
Acq: 30 Oct 2017 11:34

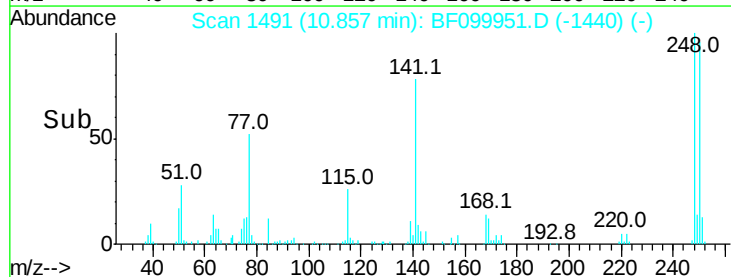
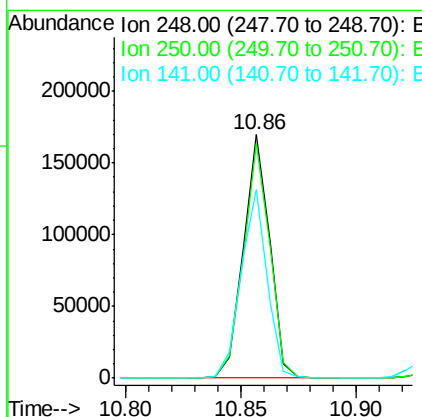
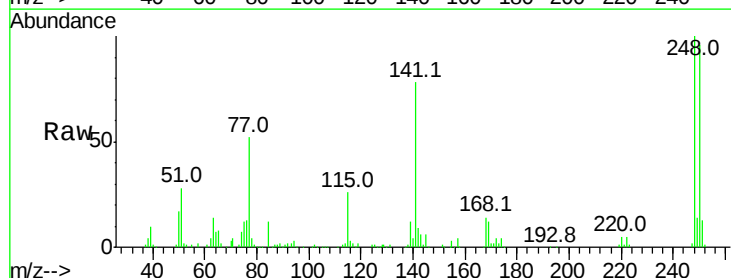
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:169 Resp: 458500  
Ion Ratio Lower Upper  
169 100  
168 68.1 54.4 81.6  
167 36.9 29.8 44.6



#66  
4-Bromophenyl-phenylether  
Concen: 40.811 ng  
RT: 10.86 min Scan# 1491  
Delta R.T. 0.00 min  
Lab File: BF099951.D  
Acq: 30 Oct 2017 11:34

Tgt Ion:248 Resp: 134751  
Ion Ratio Lower Upper  
248 100  
250 96.2 76.9 115.3  
141 77.6 74.4 111.6

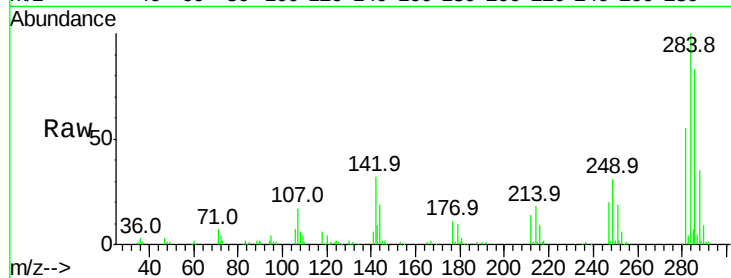




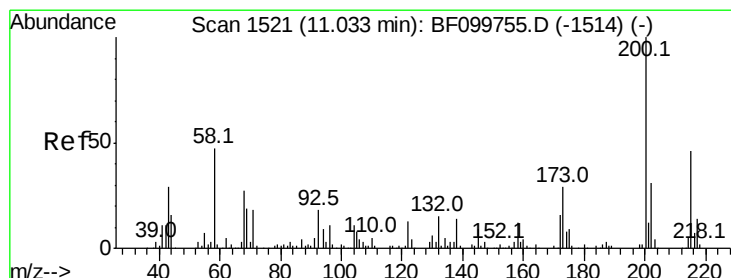
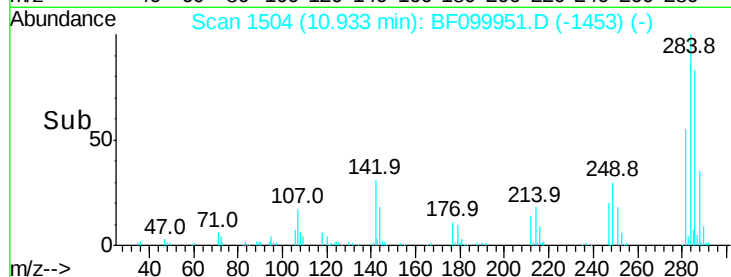
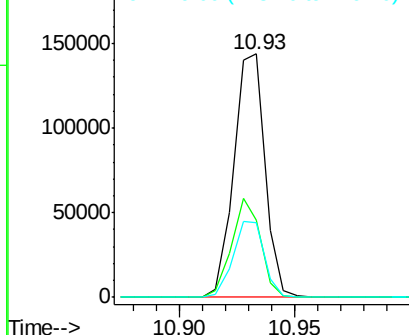
#67  
Hexachlorobenzene  
Concen: 40.093 ng  
RT: 10.93 min Scan# 1504  
Delta R.T. 0.00 min  
Lab File: BF099951.D  
Acq: 30 Oct 2017 11:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:284 Resp: 135433  
Ion Ratio Lower Upper  
284 100  
142 31.6 34.6 52.0#  
249 30.6 24.8 37.2

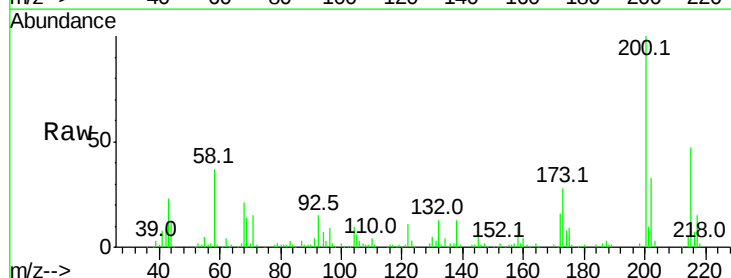


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

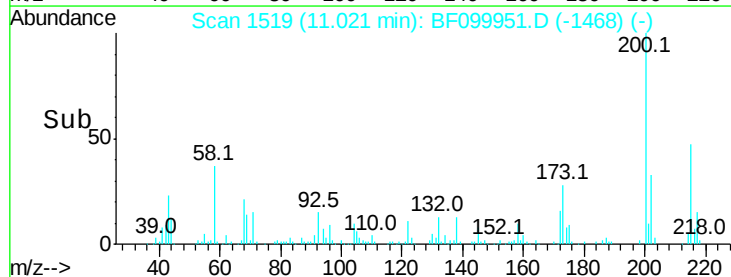
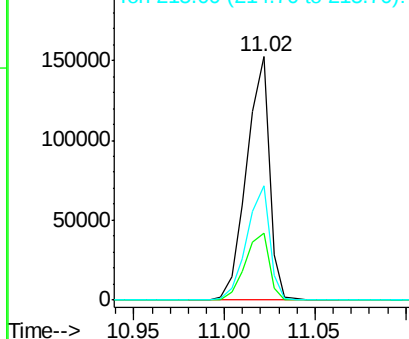


#68  
Atrazine  
Concen: 38.349 ng  
RT: 11.02 min Scan# 1519  
Delta R.T. 0.00 min  
Lab File: BF099951.D  
Acq: 30 Oct 2017 11:34

Tgt Ion:200 Resp: 133369  
Ion Ratio Lower Upper  
200 100  
173 27.7 8.6 48.6  
215 46.8 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: 40.699 ng

RT: 11.13 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BF099951.D

Acq: 30 Oct 2017 11:34

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

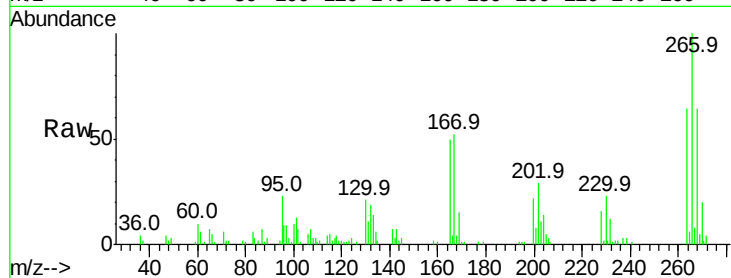
Tot Ion:266 Resp: 58745

Ion Ratio Lower Upper

266 100

268 64.2 51.1 76.7

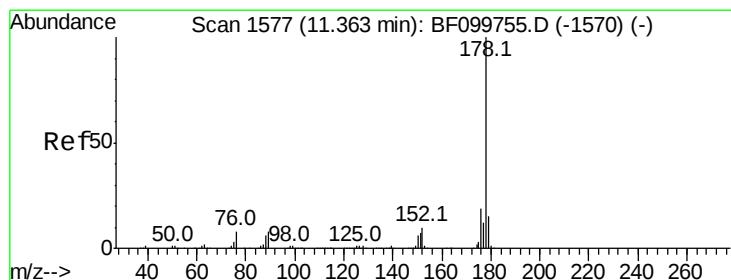
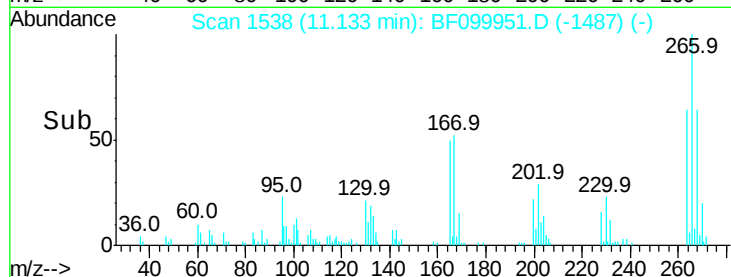
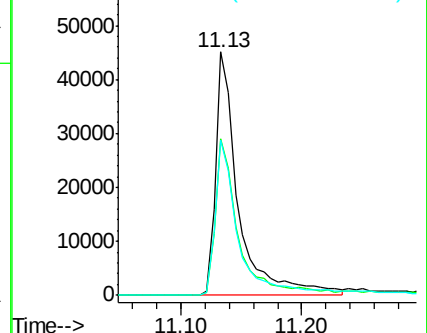
264 63.8 49.5 74.3



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: 39.163 ng

RT: 11.34 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BF099951.D

Acq: 30 Oct 2017 11:34

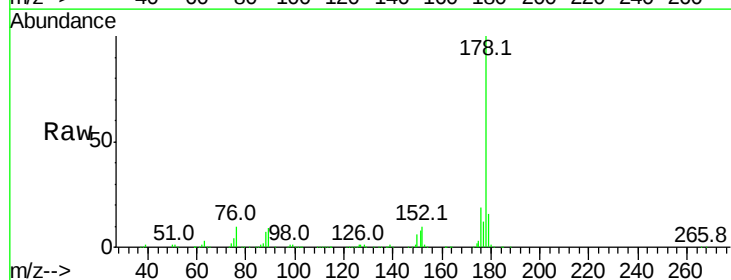
Tgt Ion:178 Resp: 693181

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.8

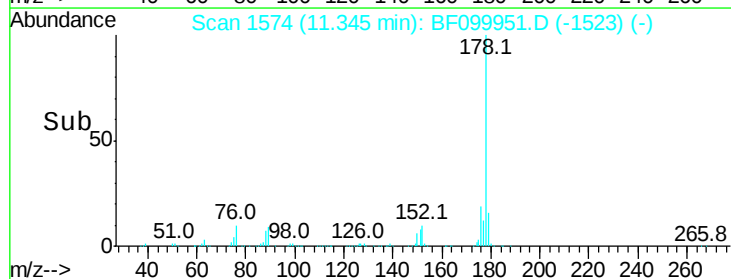
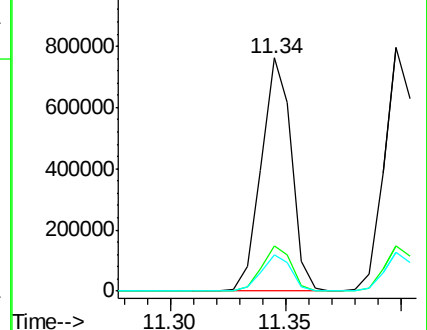
179 15.7 13.0 19.6

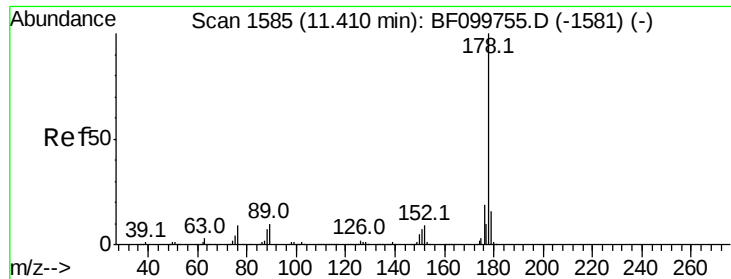


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

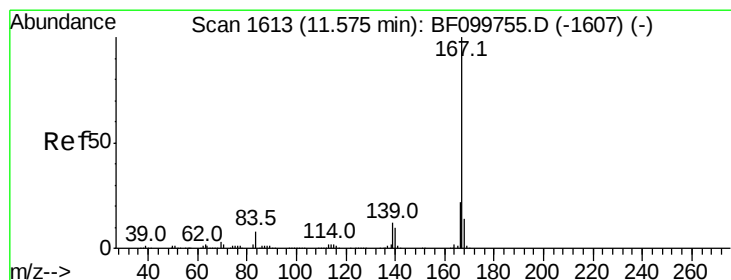
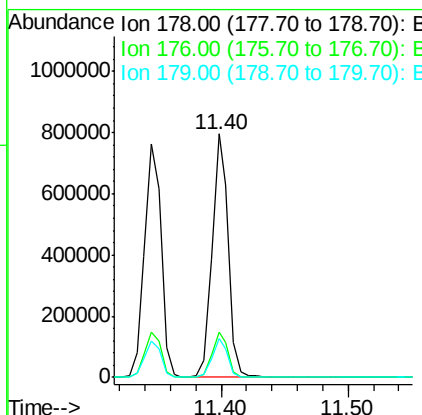
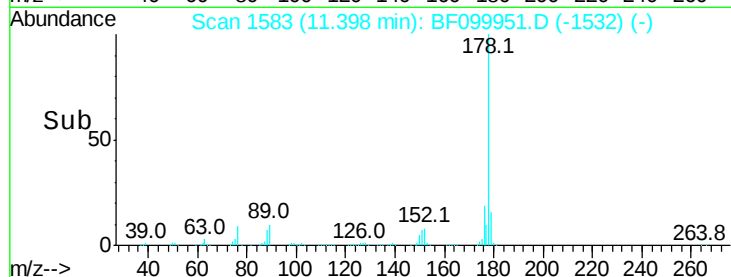
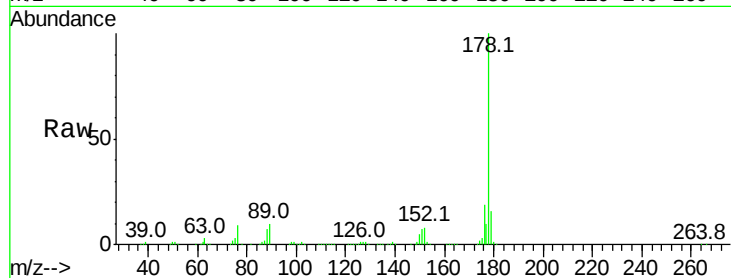




#71  
 Anthracene  
 Concen: 39.807 ng  
 RT: 11.40 min Scan# 1583  
 Delta R.T. 0.00 min  
 Lab File: BF099951.D  
 Acq: 30 Oct 2017 11:34

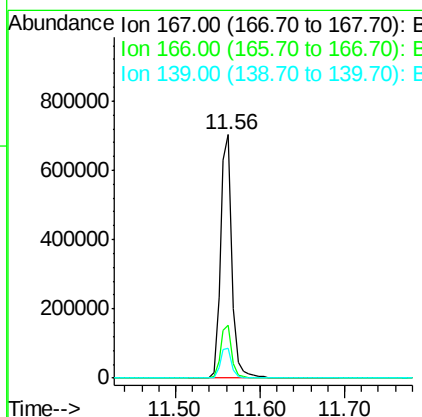
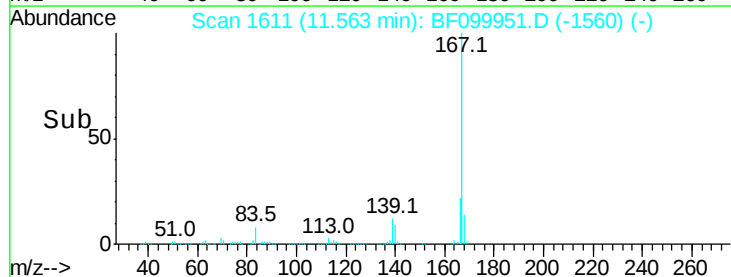
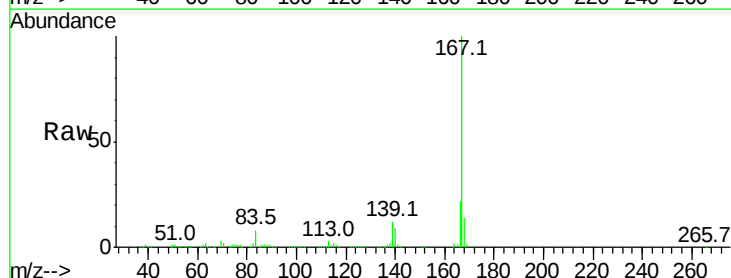
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:178 Resp: 715189  
 Ion Ratio Lower Upper  
 178 100  
 176 18.8 15.4 23.2  
 179 16.0 12.6 19.0



#72  
 Carbazole  
 Concen: 39.537 ng  
 RT: 11.56 min Scan# 1611  
 Delta R.T. 0.00 min  
 Lab File: BF099951.D  
 Acq: 30 Oct 2017 11:34

Tgt Ion:167 Resp: 667993  
 Ion Ratio Lower Upper  
 167 100  
 166 21.7 17.6 26.4  
 139 12.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 38.541 ng

RT: 11.87 min Scan# 1664

Delta R.T. 0.00 min

Lab File: BF099951.D

Acq: 30 Oct 2017 11:34

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

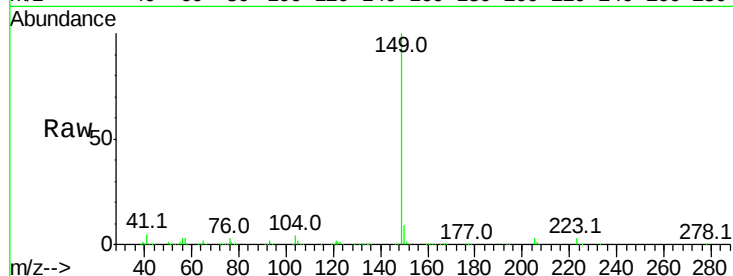
Tot Ion:149 Resp: 830538

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

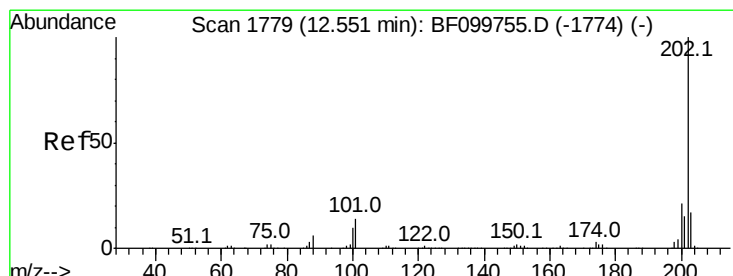
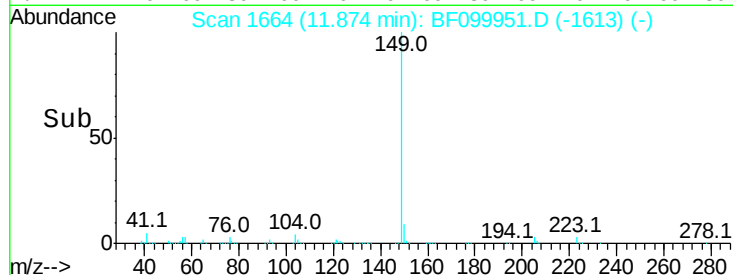
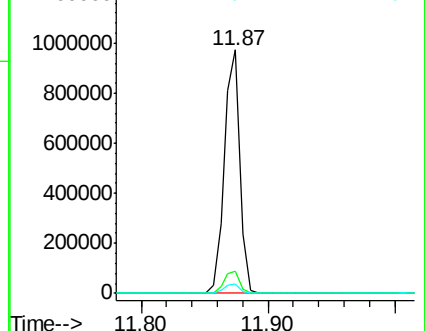
104 3.8 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.299 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF099951.D

Acq: 30 Oct 2017 11:34

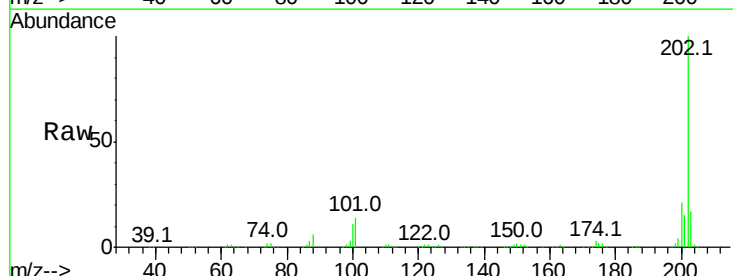
Tgt Ion:202 Resp: 722879

Ion Ratio Lower Upper

202 100

101 14.0 0.0 34.1

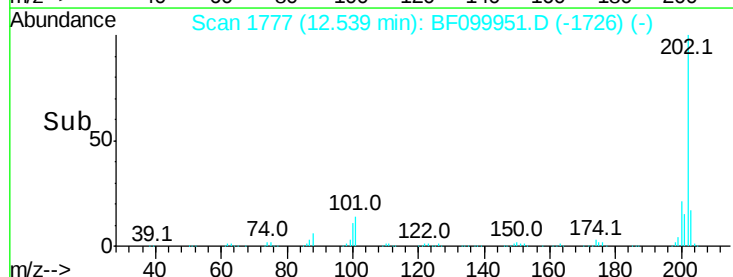
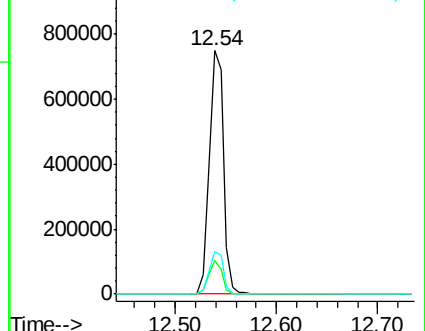
203 17.4 0.0 38.1

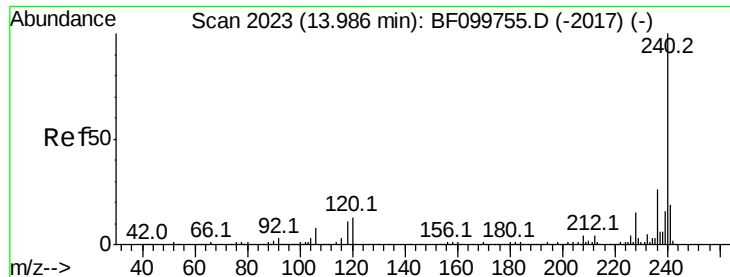


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

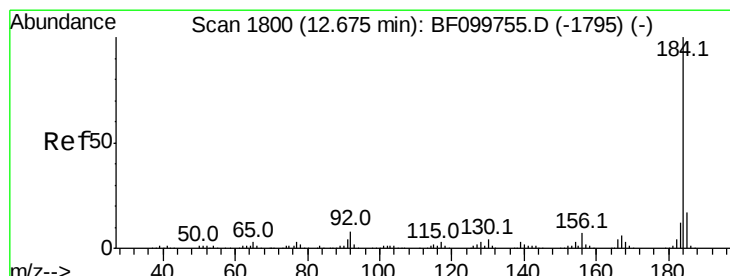
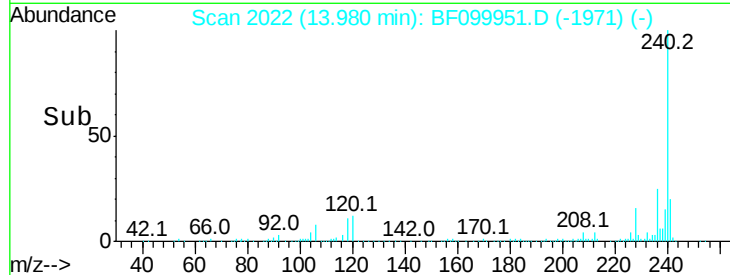
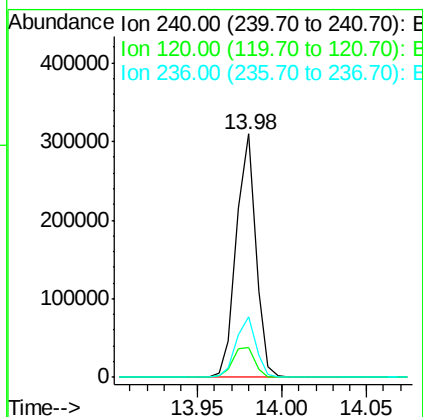
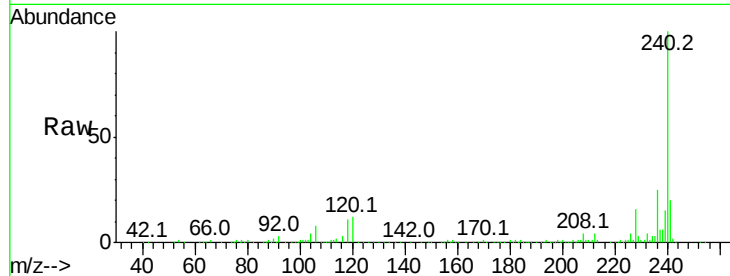




#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.98 min Scan# 2022  
Delta R.T. 0.00 min  
Lab File: BF099951.D  
Acq: 30 Oct 2017 11:34

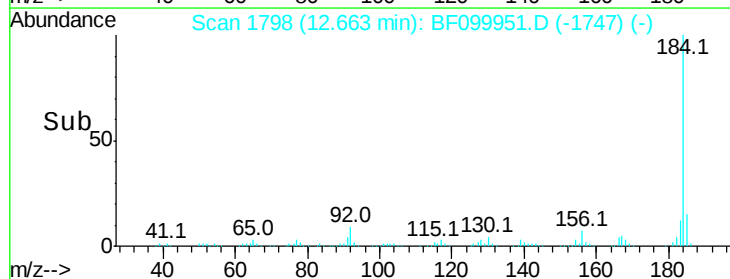
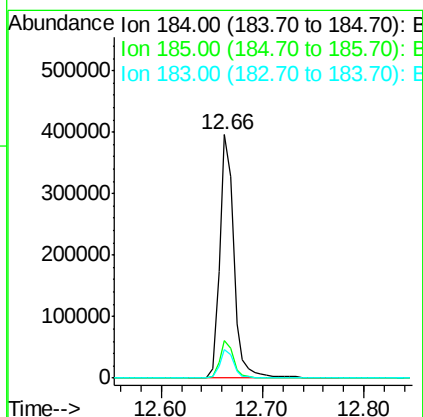
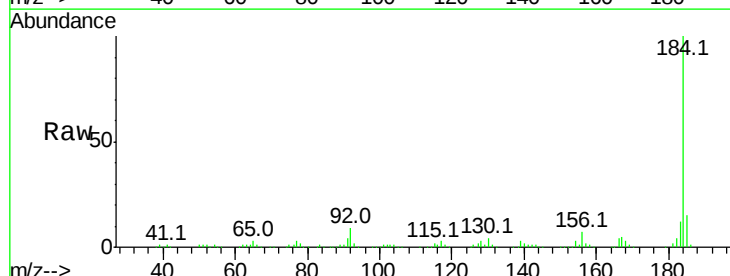
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:240 Resp: 250182  
Ion Ratio Lower Upper  
240 100  
120 12.5 9.5 14.3  
236 25.0 20.7 31.1



#76  
Benzidine  
Concen: 35.172 ng  
RT: 12.66 min Scan# 1798  
Delta R.T. 0.00 min  
Lab File: BF099951.D  
Acq: 30 Oct 2017 11:34

Tgt Ion:184 Resp: 385038  
Ion Ratio Lower Upper  
184 100  
185 15.4 12.6 18.8  
183 11.8 9.3 13.9

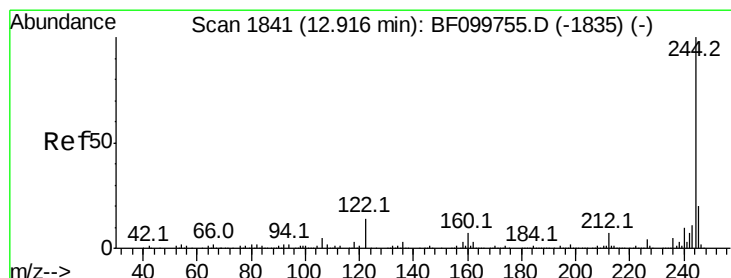
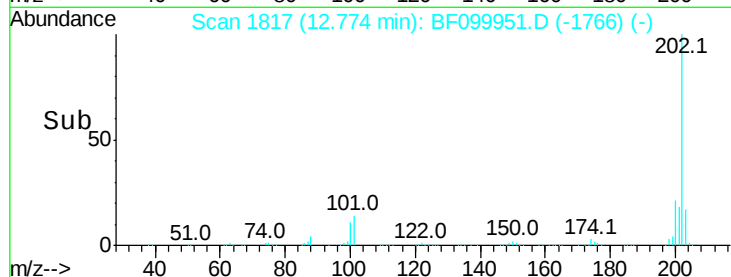
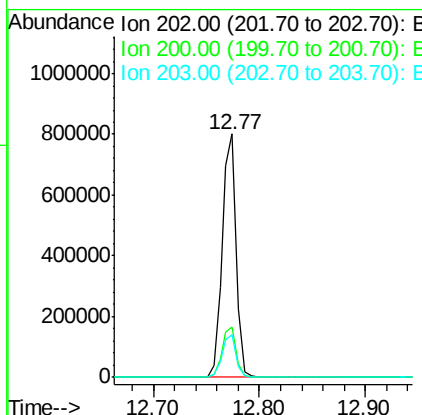
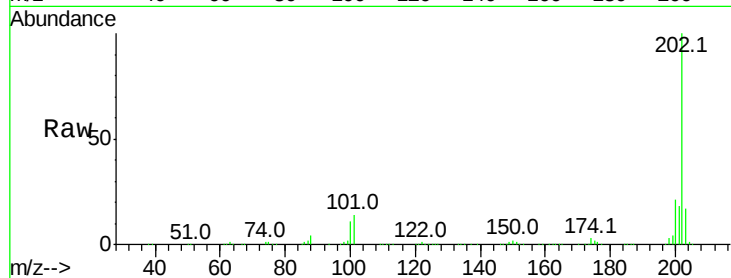




#77  
Pvrene  
Concen: 38.940 ng  
RT: 12.77 min Scan# 1817  
Delta R.T. 0.00 min  
Lab File: BF099951.D  
Acq: 30 Oct 2017 11:34

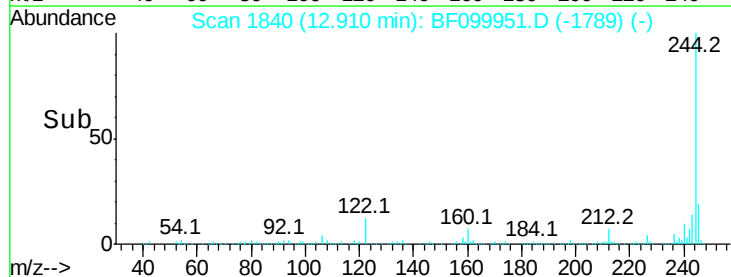
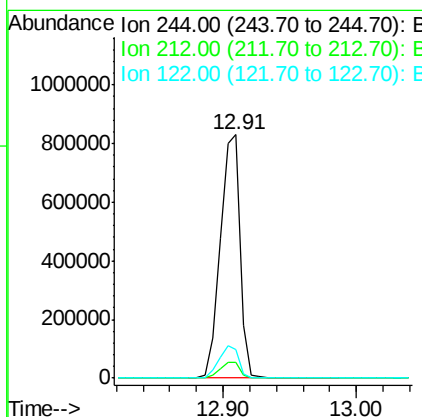
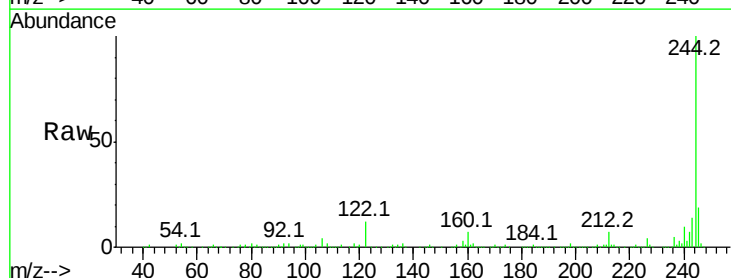
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

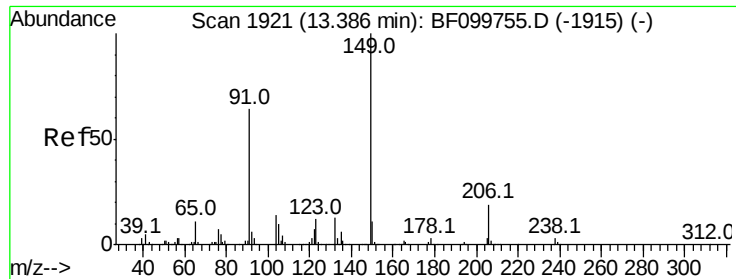
Tot Ion:202 Resp: 740781  
Ion Ratio Lower Upper  
202 100  
200 20.6 17.4 26.2  
203 17.4 14.3 21.5



#78  
Terphenyl-d14  
Concen: 75.945 ng  
RT: 12.91 min Scan# 1840  
Delta R.T. 0.00 min  
Lab File: BF099951.D  
Acq: 30 Oct 2017 11:34

Tgt Ion:244 Resp: 869424  
Ion Ratio Lower Upper  
244 100  
212 6.7 5.4 8.0  
122 11.6 11.0 16.4

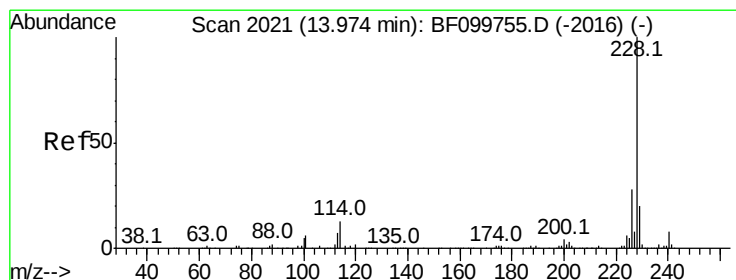
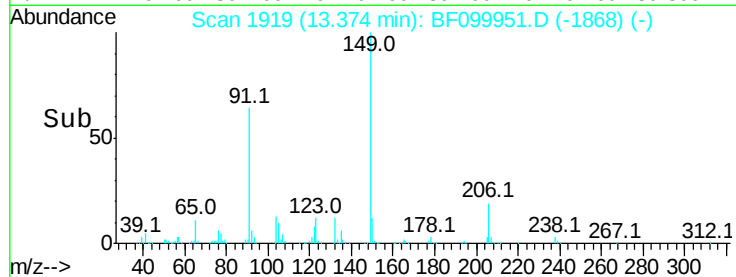
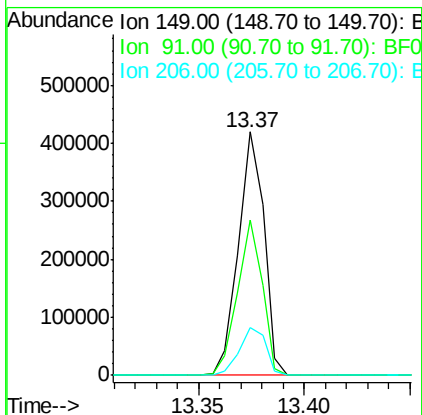
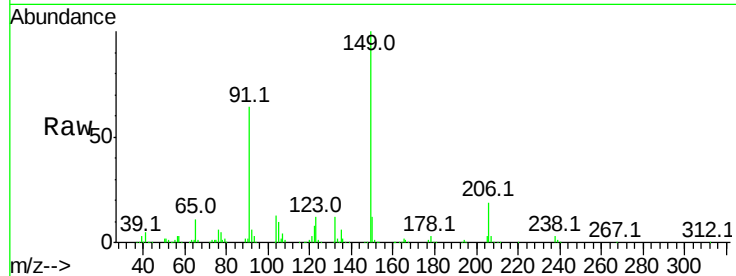




#79  
 Butylbenzylphthalate  
 Concen: 37.652 ng  
 RT: 13.37 min Scan# 1919  
 Delta R.T. 0.00 min  
 Lab File: BF099951.D  
 Acq: 30 Oct 2017 11:34

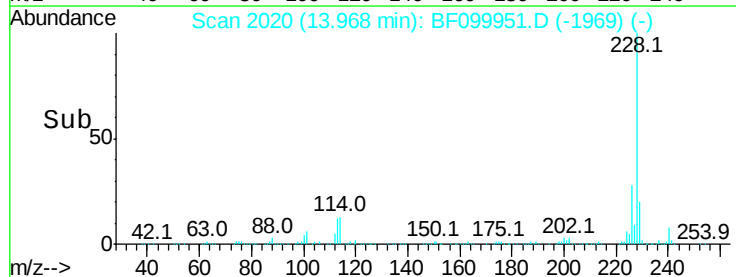
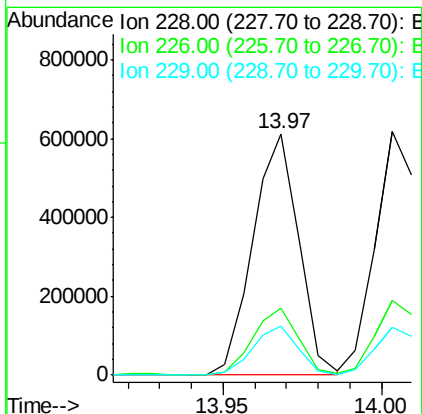
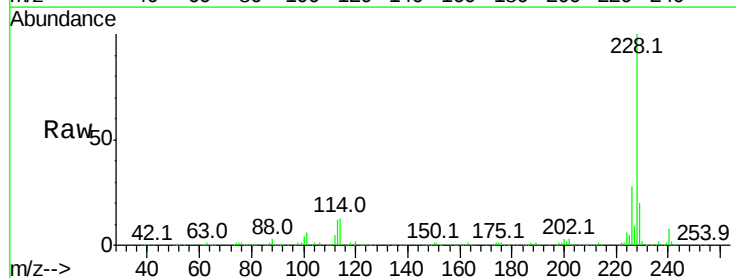
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 149   | Resp: | 352716 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 91       | 63.5  | 56.8  | 85.2   |
| 206      | 19.4  | 14.1  | 21.1   |



#80  
 Benzo(a)anthracene  
 Concen: 38.630 ng  
 RT: 13.97 min Scan# 2020  
 Delta R.T. 0.00 min  
 Lab File: BF099951.D  
 Acq: 30 Oct 2017 11:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 228   | Resp: | 612668 |
| Ion      | Ratio | Lower | Upper  |
| 228      | 100   |       |        |
| 226      | 27.8  | 22.6  | 33.8   |
| 229      | 20.2  | 15.8  | 23.6   |

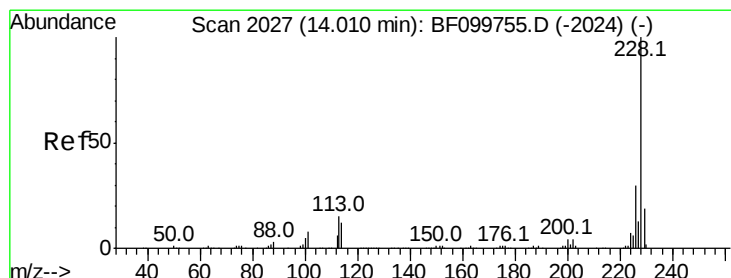
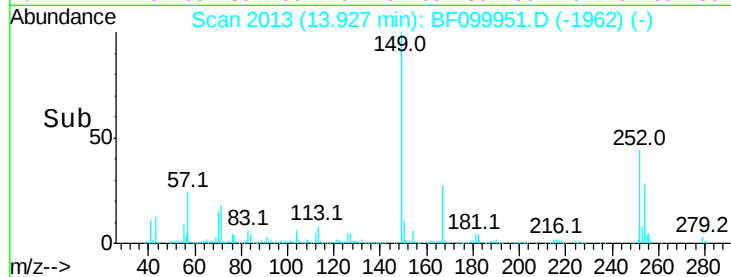
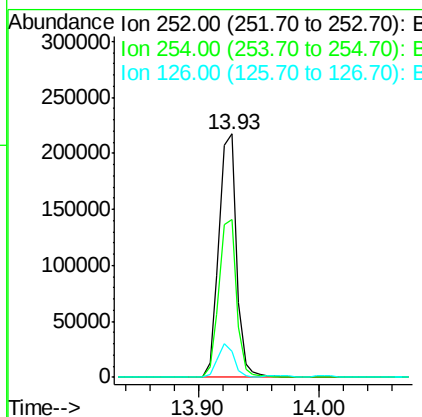
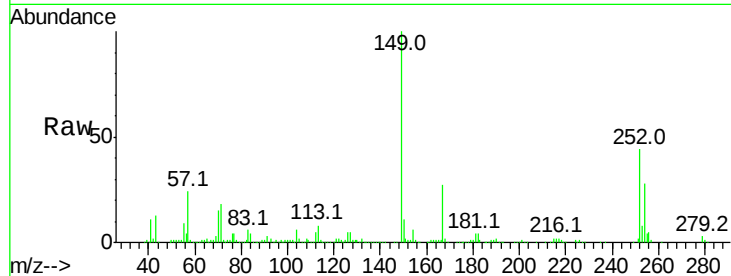




#81  
 3,3'-Dichlorobenzidine  
 Concen: 37.982 ng  
 RT: 13.93 min Scan# 2013  
 Delta R.T. 0.00 min  
 Lab File: BF099951.D  
 Acq: 30 Oct 2017 11:34

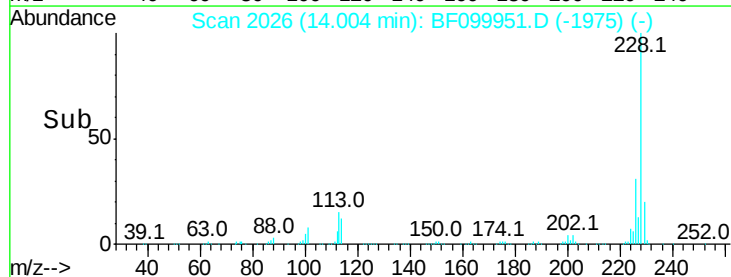
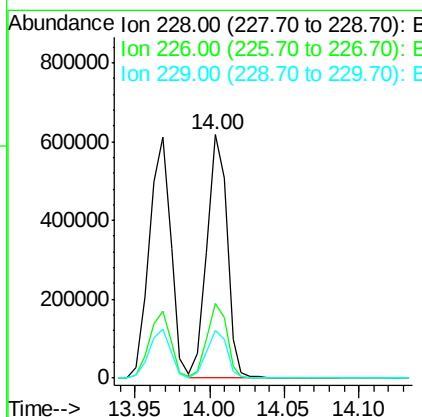
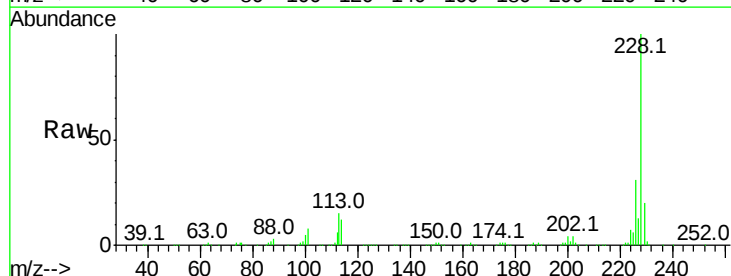
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

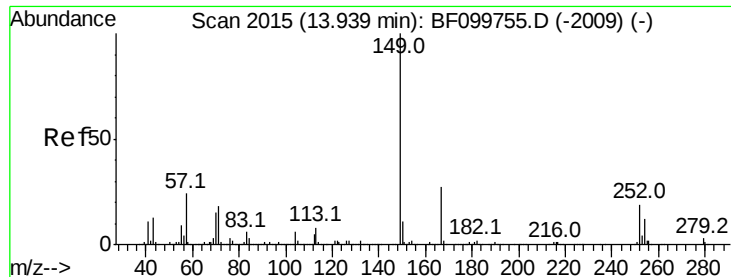
Tot Ion:252 Resp: 218667  
 Ion Ratio Lower Upper  
 252 100  
 254 64.7 50.4 75.6  
 126 10.6 11.3 16.9#



#82  
 Chrysene  
 Concen: 38.692 ng  
 RT: 14.00 min Scan# 2026  
 Delta R.T. 0.00 min  
 Lab File: BF099951.D  
 Acq: 30 Oct 2017 11:34

Tgt Ion:228 Resp: 576907  
 Ion Ratio Lower Upper  
 228 100  
 226 30.6 25.0 37.6  
 229 19.8 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.058 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF099951.D

Acq: 30 Oct 2017 11:34

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

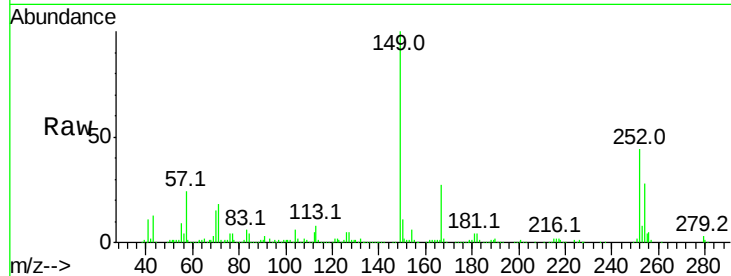
Tot Ion:149 Resp: 461208

Ion Ratio Lower Upper

149 100

167 27.5 21.3 31.9

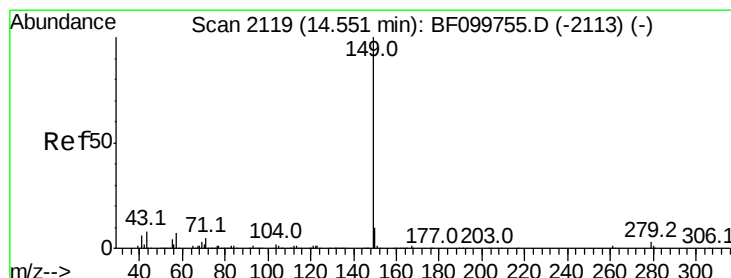
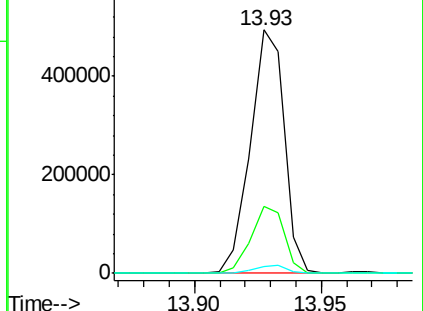
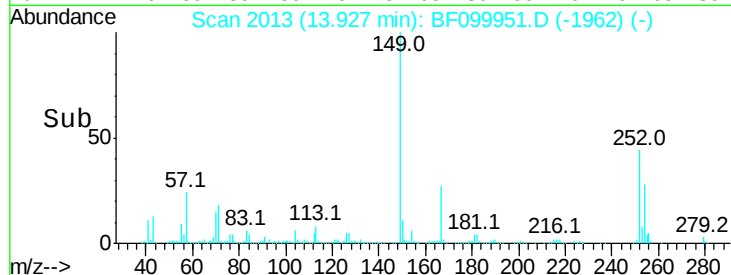
279 3.0 3.0 4.4



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: 36.962 ng

RT: 14.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: BF099951.D

Acq: 30 Oct 2017 11:34

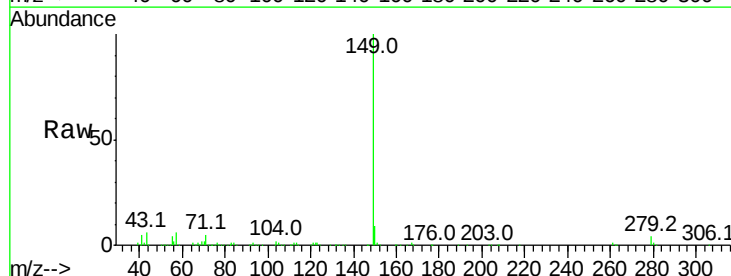
Tgt Ion:149 Resp: 834583

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

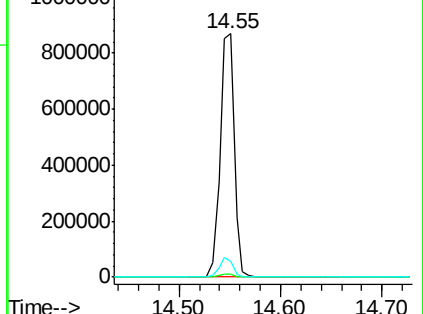
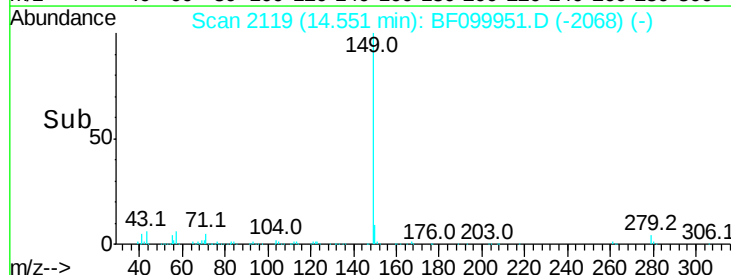
43 7.5 8.4 12.6#

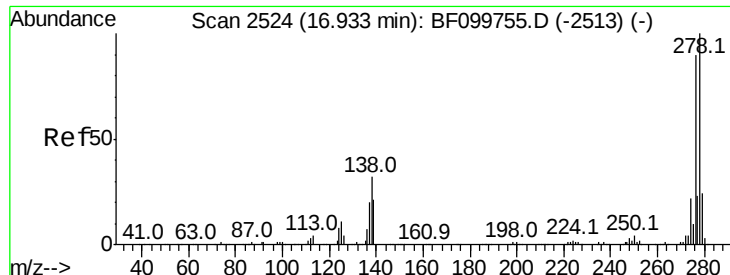


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

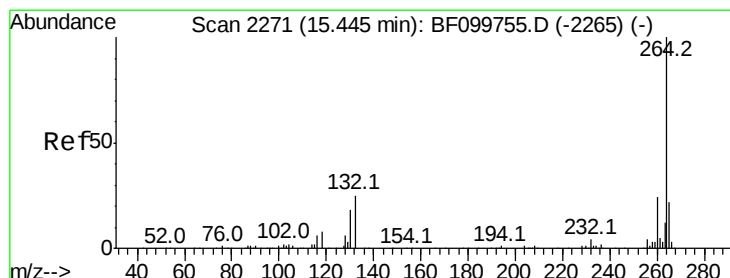
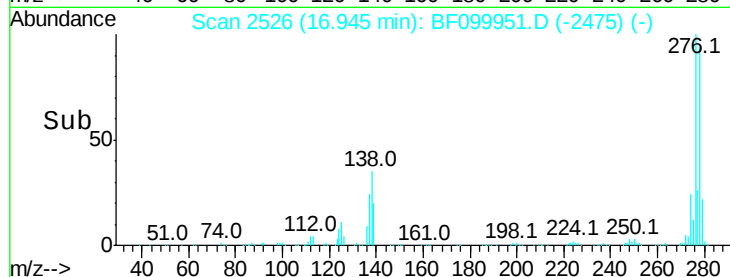
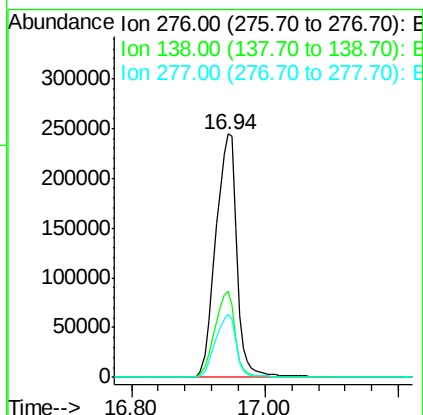
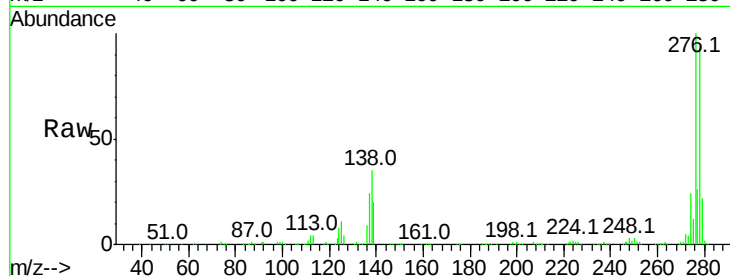




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 40.172 ng  
 RT: 16.94 min Scan# 2526  
 Delta R.T. 0.00 min  
 Lab File: BF099951.D  
 Acq: 30 Oct 2017 11:34

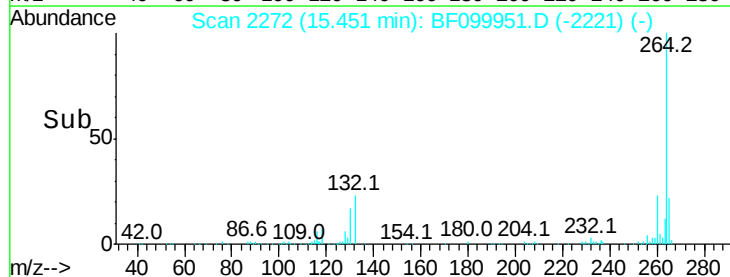
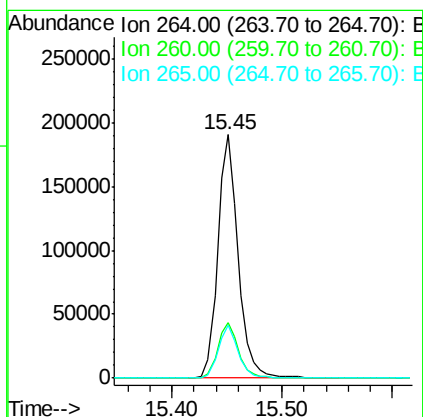
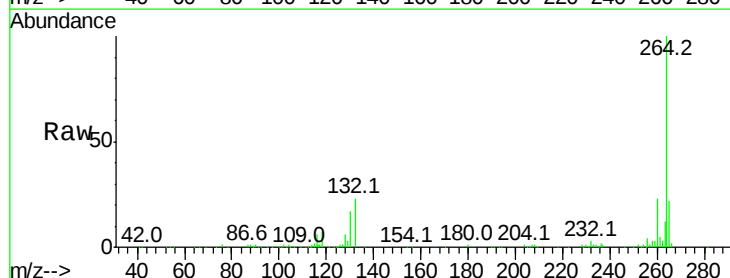
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

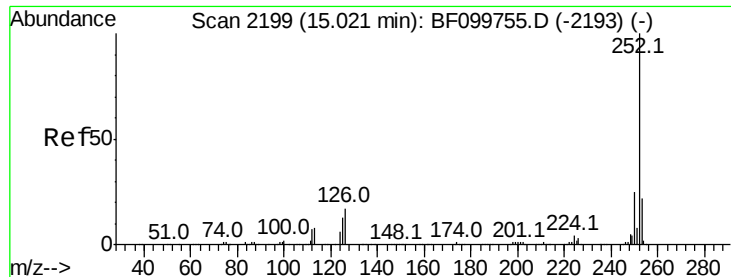
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 33.9  | 25.0  | 37.6  |
| 277     | 25.4  | 20.1  | 30.1  |



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.45 min Scan# 2272  
 Delta R.T. 0.00 min  
 Lab File: BF099951.D  
 Acq: 30 Oct 2017 11:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.8  | 19.2  | 28.8  |
| 265     | 21.7  | 17.5  | 26.3  |

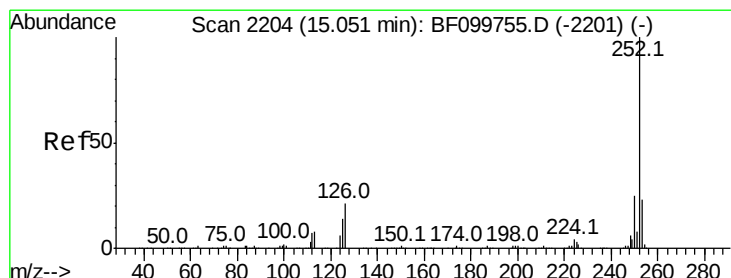
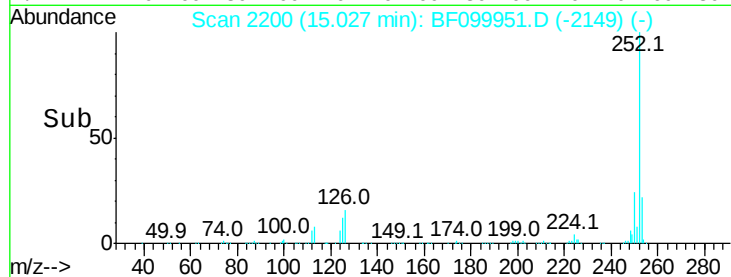
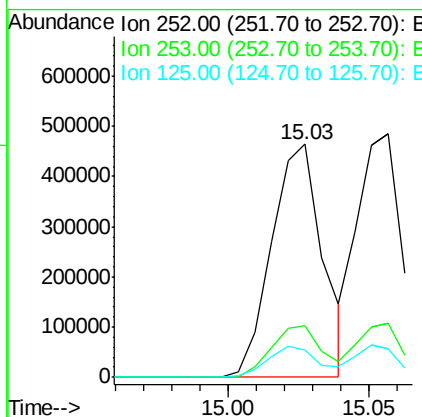
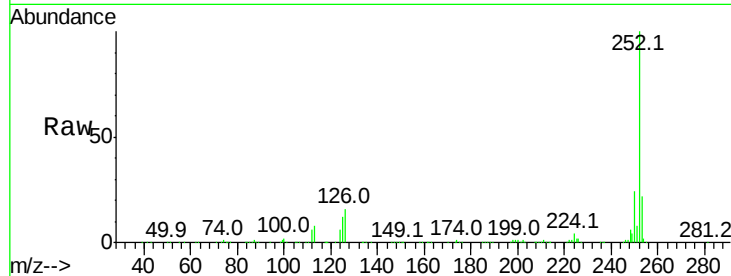




#87  
Benzo(b)fluoranthene  
Concen: 38.004 ng  
RT: 15.03 min Scan# 2200  
Delta R.T. 0.00 min  
Lab File: BF099951.D  
Acq: 30 Oct 2017 11:34

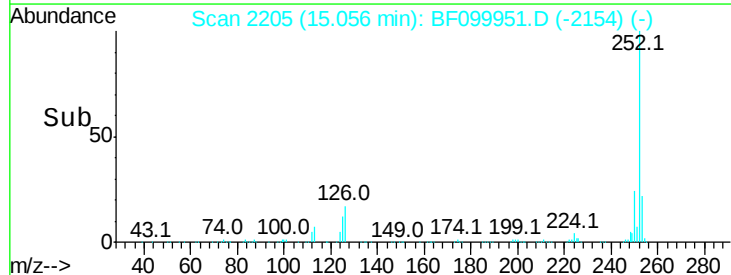
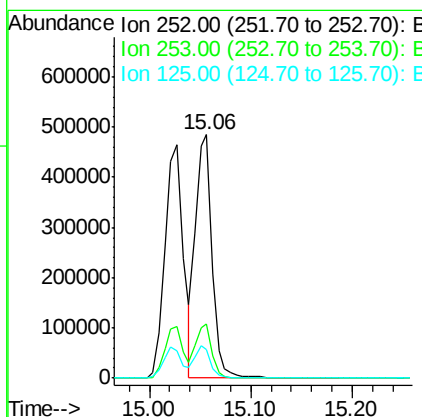
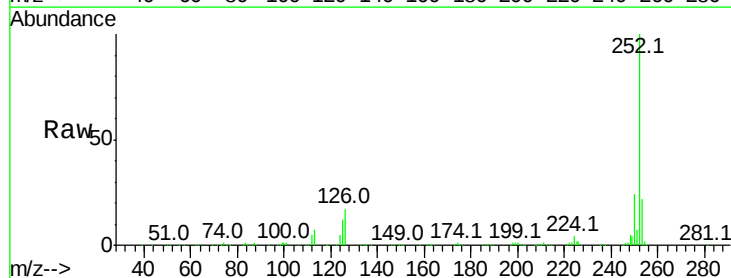
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:252 Resp: 582413  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.0 25.6  
125 11.9 9.0 13.6



#88  
Benzo(k)fluoranthene  
Concen: 37.785 ng  
RT: 15.06 min Scan# 2205  
Delta R.T. 0.00 min  
Lab File: BF099951.D  
Acq: 30 Oct 2017 11:34

Tgt Ion:252 Resp: 546030  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.9 26.9  
125 11.8 10.2 15.2

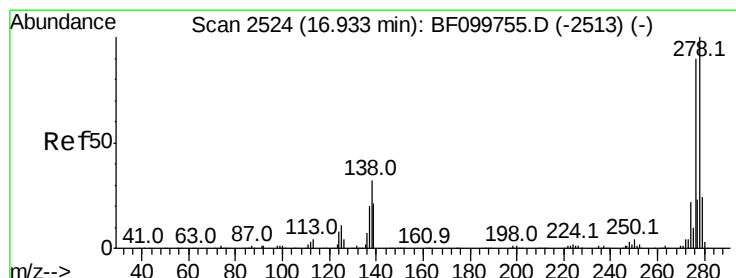
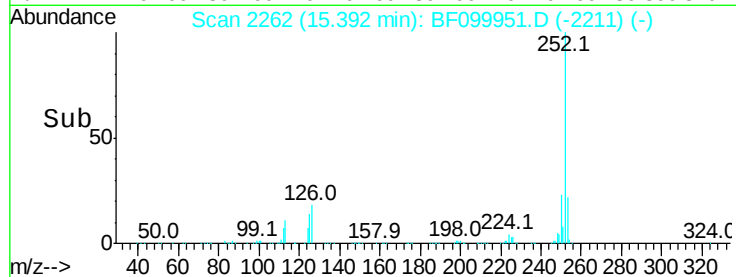
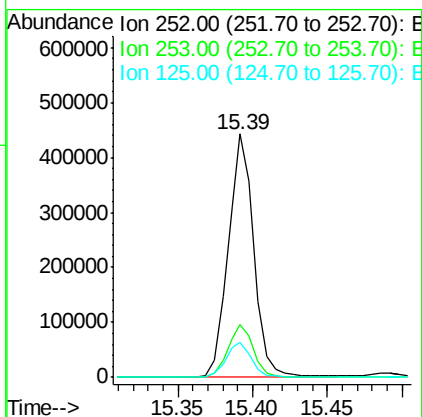
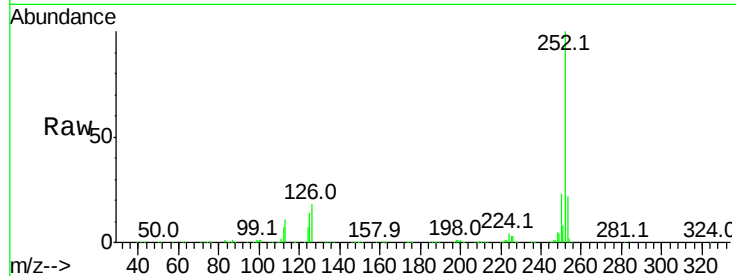




#89  
Benzo(a)pyrene  
Concen: 38.701 ng  
RT: 15.39 min Scan# 2262  
Delta R.T. 0.00 min  
Lab File: BF099951.D  
Acq: 30 Oct 2017 11:34

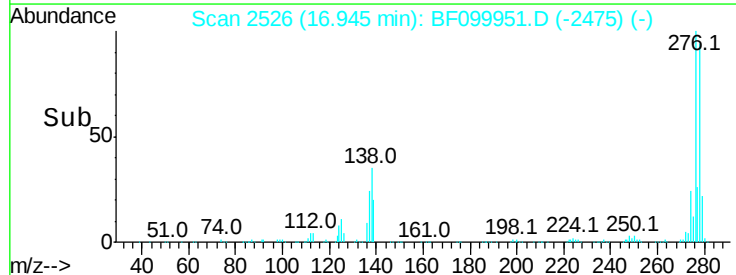
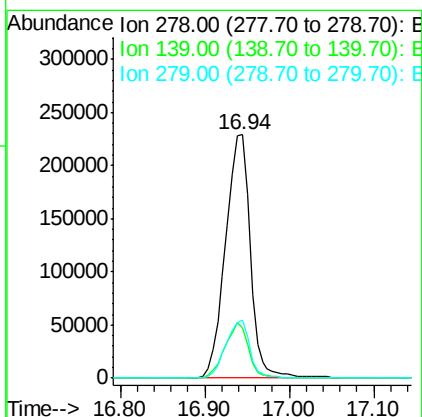
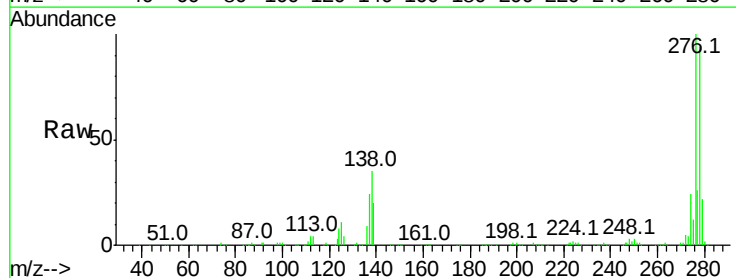
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

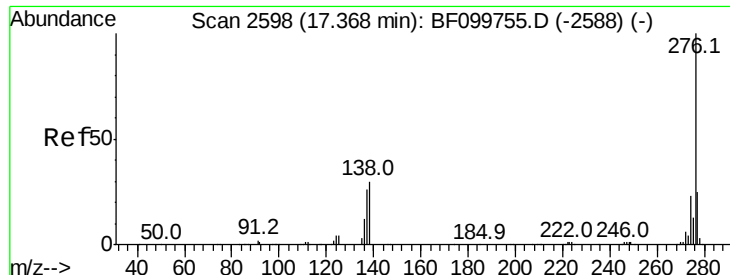
Tot Ion:252 Resp: 532758  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.1 25.7  
125 14.2 9.8 14.6



#90  
Dibenzo(a,h)anthracene  
Concen: 38.146 ng  
RT: 16.94 min Scan# 2526  
Delta R.T. 0.00 min  
Lab File: BF099951.D  
Acq: 30 Oct 2017 11:34

Tgt Ion:278 Resp: 466605  
Ion Ratio Lower Upper  
278 100  
139 20.9 15.9 23.9  
279 23.8 19.0 28.4

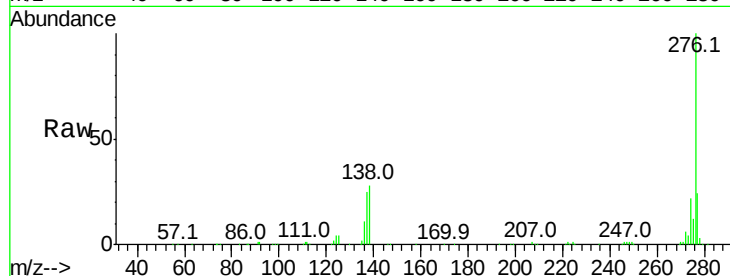




#91  
 Benzo(a,h,i)perylene  
 Concen: 38.713 ng  
 RT: 17.39 min Scan# 2601  
 Delta R.T. 0.00 min  
 Lab File: BF099951.D  
 Acq: 30 Oct 2017 11:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.0  | 17.9  | 26.9  |
| 138     | 27.8  | 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

