

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\  
 Data File : BF103594.D  
 Acq On : 12 Mar 2018 20:50  
 Operator : SJ/JU  
 Sample : PB107245BS  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Mar 13 01:20:37 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 09 11:47:13 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.86  | 152  | 128929   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.14  | 136  | 550241   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 9.90  | 164  | 254570   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 11.40 | 188  | 442680   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.06 | 240  | 321113   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.56 | 264  | 302506   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.49  | 112 | 1036711 | 121.61 | ng | 0.00  |
| 7) Phenol-d6             | 6.50  | 99  | 1177016 | 112.84 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 7.43  | 82  | 768916  | 79.80  | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.70 | 330 | 214703  | 99.64  | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 9.22  | 172 | 1149382 | 75.78  | ng | 0.00  |
| 78) Terphenyl-d14        | 12.98 | 244 | 1060717 | 79.41  | ng | 0.00  |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.68 | 88  | 144005  | 31.984 | ng | 93     |
| 3) Pyridine                    | 3.52 | 79  | 295833  | 24.612 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.46 | 42  | 167864  | 34.628 | ng | 92     |
| 6) Aniline                     | 6.54 | 93  | 268383  | 17.827 | ng | # 56   |
| 8) 2-Chlorophenol              | 6.65 | 128 | 361101  | 40.776 | ng | 94     |
| 9) Benzaldehyde                | 6.43 | 77  | 161921  | 22.520 | ng | 97     |
| 10) Phenol                     | 6.52 | 94  | 433364  | 35.787 | ng | 92     |
| 11) bis(2-Chloroethyl)ether    | 6.59 | 93  | 328943  | 35.791 | ng | 93     |
| 12) 1,3-Dichlorobenzene        | 6.80 | 146 | 372748  | 36.833 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.87 | 146 | 403264  | 39.745 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.03 | 146 | 351080  | 37.526 | ng | 100    |
| 15) Benzyl Alcohol             | 7.02 | 79  | 293753  | 37.371 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.12 | 45  | 574581  | 36.406 | ng | # 47   |
| 17) 2-Methylphenol             | 7.12 | 107 | 303264  | 37.683 | ng | # 80   |
| 18) Hexachloroethane           | 7.36 | 117 | 140900  | 38.147 | ng | 93     |
| 19) n-Nitroso-di-n-propylamine | 7.27 | 70  | 272205  | 41.929 | ng | 94     |
| 20) 3+4-Methylphenols          | 7.29 | 107 | 410663  | 41.861 | ng | # 77   |
| 22) Acetophenone               | 7.27 | 105 | 527763  | 41.092 | ng | # 92   |
| 24) Nitrobenzene               | 7.45 | 77  | 410220  | 38.670 | ng | 93     |
| 25) Isophorone                 | 7.68 | 82  | 774070  | 40.791 | ng | 97     |
| 26) 2-Nitrophenol              | 7.76 | 139 | 198989  | 39.846 | ng | 91     |
| 27) 2,4-Dimethylphenol         | 7.80 | 122 | 334155  | 43.775 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.89 | 93  | 470933  | 42.210 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.02 | 162 | 307660  | 42.097 | ng | 100    |
| 30) 1,2,4-Trichlorobenzene     | 8.08 | 180 | 286089  | 36.760 | ng | 99     |
| 31) Naphthalene                | 8.16 | 128 | 1059438 | 39.328 | ng | 100    |
| 32) Benzoic acid               | 7.96 | 122 | 154544  | 30.272 | ng | 97     |
| 33) 4-Chloroaniline            | 8.24 | 127 | 126693  | 10.899 | ng | 97     |
| 34) Hexachlorobutadiene        | 8.26 | 225 | 141750  | 34.977 | ng | 99     |
| 35) Caprolactam                | 8.60 | 113 | 51834   | 20.180 | ng | # 82   |
| 36) 4-Chloro-3-methylphenol    | 8.72 | 107 | 354353  | 42.988 | ng | 98     |
| 37) 2-Methylnaphthalene        | 8.86 | 142 | 679075  | 39.005 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.02 | 216 | 253451  | 36.418 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 9.00 | 237 | 82675   | 38.843 | ng | 95     |

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\  
 Data File : BF103594.D  
 Acq On : 12 Mar 2018 20:50  
 Operator : SJ/JU  
 Sample : PB107245BS  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

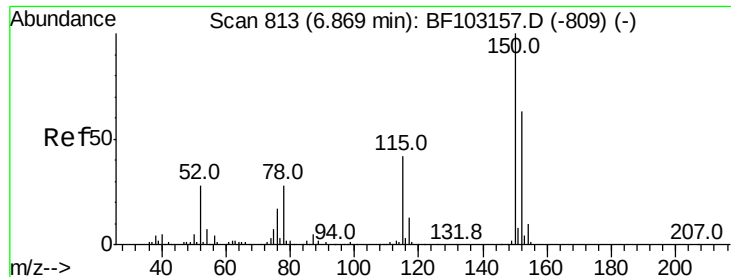
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Mar 13 01:20:37 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 09 11:47:13 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| -----                          |       |      |          |        |       |          |
| 42) 2,4,6-Trichlorophenol      | 9.15  | 196  | 168772   | 36.041 | nq    | 100      |
| 43) 2,4,5-Trichlorophenol      | 9.20  | 196  | 173773   | 32.264 | nq    | 97       |
| 45) 1,1'-Biphenyl              | 9.32  | 154  | 786238   | 36.858 | nq    | 99       |
| 46) 2-Chloronaphthalene        | 9.35  | 162  | 624555   | 37.008 | nq    | 100      |
| 47) 2-Nitroaniline             | 9.46  | 65   | 256030   | 40.956 | nq    | 83       |
| 48) Acenaphthylene             | 9.76  | 152  | 926348   | 35.676 | nq    | 100      |
| 49) Dimethylphthalate          | 9.62  | 163  | 720578   | 35.284 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.70  | 165  | 157910   | 36.846 | nq #  | 89       |
| 51) Acenaphthene               | 9.93  | 154  | 549138   | 36.268 | nq    | 98       |
| 52) 3-Nitroaniline             | 9.88  | 138  | 96433    | 17.736 | nq    | 95       |
| 53) 2,4-Dinitrophenol          | 10.00 | 184  | 86807    | 58.953 | nq #  | 21       |
| 54) Dibenzofuran               | 10.11 | 168  | 788576   | 37.940 | nq    | 94       |
| 55) 4-Nitrophenol              | 10.06 | 139  | 112377   | 33.348 | nq #  | 83       |
| 56) 2,4-Dinitrotoluene         | 10.11 | 165  | 202947   | 37.443 | nq #  | 62       |
| 57) Fluorene                   | 10.45 | 166  | 654826   | 36.984 | nq    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.24 | 232  | 137836   | 38.096 | nq    | 97       |
| 59) Diethylphthalate           | 10.32 | 149  | 736693   | 37.717 | nq    | 100      |
| 60) 4-Chlorophenyl-phenylether | 10.44 | 204  | 290922   | 38.746 | nq    | 99       |
| 61) 4-Nitroaniline             | 10.50 | 138  | 195574   | 36.012 | nq    | 99       |
| 62) Azobenzene                 | 10.60 | 77   | 817747   | 41.131 | nq    | 94       |
| 64) 4,6-Dinitro-2-methylphenol | 10.53 | 198  | 80867    | 31.875 | nq #  | 86       |
| 65) n-Nitrosodiphenylamine     | 10.56 | 169  | 582624   | 37.800 | nq    | 100      |
| 66) 4-Bromophenyl-phenylether  | 10.93 | 248  | 170256   | 36.921 | nq    | 97       |
| 67) Hexachlorobenzene          | 11.00 | 284  | 176065   | 35.176 | nq    | 99       |
| 68) Atrazine                   | 11.09 | 200  | 178754   | 38.584 | nq    | 99       |
| 69) Pentachlorophenol          | 11.21 | 266  | 107310   | 44.341 | nq    | 99       |
| 70) Phenanthrene               | 11.42 | 178  | 912273   | 37.446 | nq    | 98       |
| 71) Anthracene                 | 11.47 | 178  | 982519   | 39.330 | nq    | 100      |
| 72) Carbazole                  | 11.64 | 167  | 980986   | 39.432 | nq    | 100      |
| 73) Di-n-butylphthalate        | 11.94 | 149  | 1197109  | 38.456 | nq    | 99       |
| 74) Fluoranthene               | 12.62 | 202  | 949710   | 38.793 | nq    | 98       |
| 76) Benzidine                  | 12.74 | 184  | 360389   | 30.020 | nq    | 98       |
| 77) Pyrene                     | 12.85 | 202  | 949867   | 37.940 | nq    | 99       |
| 79) Butylbenzylphthalate       | 13.44 | 149  | 525454   | 39.724 | nq    | 94       |
| 80) Benzo(a)anthracene         | 14.04 | 228  | 783963   | 37.627 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 14.00 | 252  | 144073   | 19.376 | nq    | 98       |
| 82) Chrysene                   | 14.09 | 228  | 789746   | 39.038 | nq    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 14.00 | 149  | 677984   | 37.982 | nq    | 100      |
| 84) Di-n-octyl phthalate       | 14.62 | 149  | 1213471  | 42.076 | nq    | 97       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.12 | 276  | 644167   | 40.221 | nq    | 99       |
| 87) Benzo(b)fluoranthene       | 15.12 | 252  | 703745   | 35.383 | nq    | 98       |
| 88) Benzo(k)fluoranthene       | 15.15 | 252  | 736309   | 39.314 | nq    | 99       |
| 89) Benzo(a)pyrene             | 15.50 | 252  | 691349   | 38.924 | nq    | 98       |
| 90) Dibenzo(a,h)anthracene     | 17.11 | 278  | 544799   | 39.696 | nq    | 99       |
| 91) Benzo(g,h,i)perylene       | 17.58 | 276  | 550481   | 41.040 | nq    | 95       |
| -----                          |       |      |          |        |       |          |

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



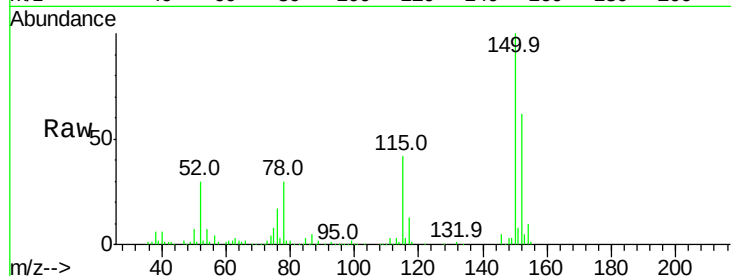


#1

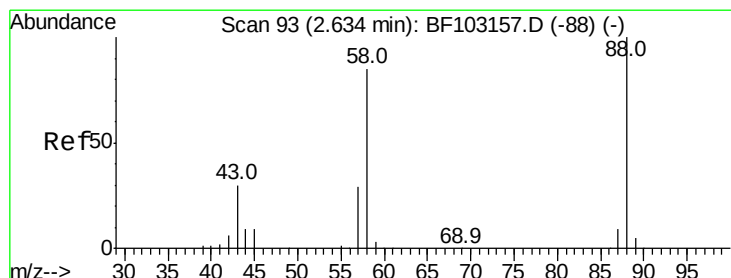
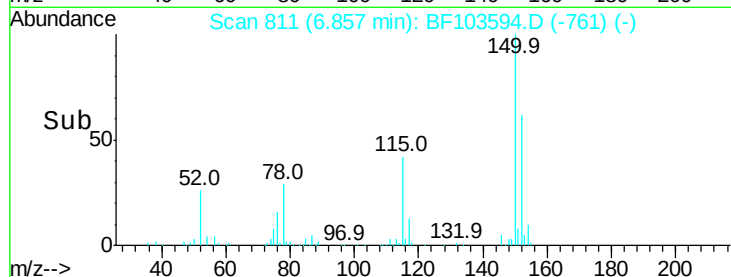
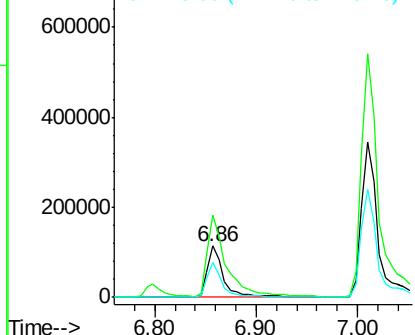
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.86 min Scan# 811  
Delta R.T. -0.01 min  
Lab File: BF103594.D  
Acq: 12 Mar 2018 20:50

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:152 Resp: 128929  
Ion Ratio Lower Upper  
152 100  
150 160.5 124.6 186.8  
115 67.9 50.1 75.1



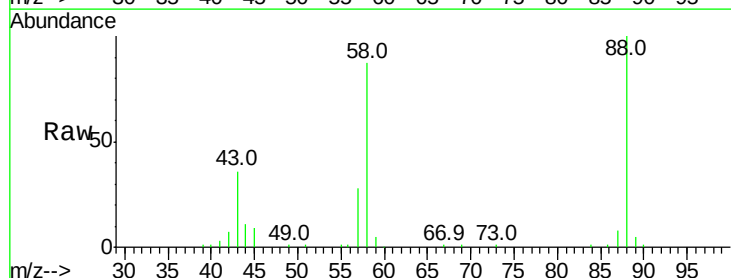
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



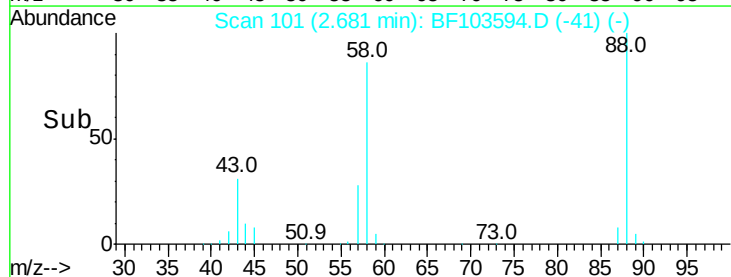
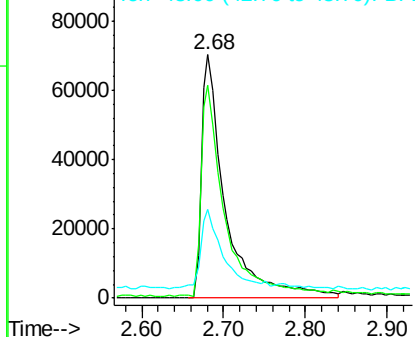
#2

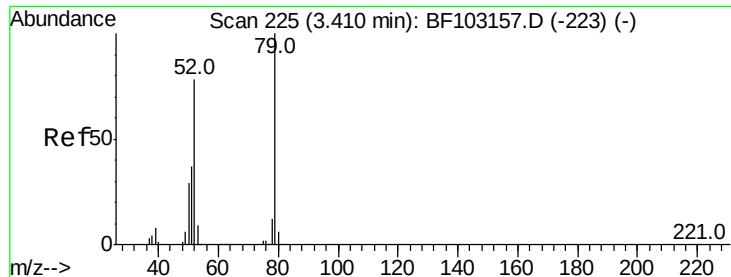
1,4-Dioxane  
Concen: 31.984 ng  
RT: 2.68 min Scan# 101  
Delta R.T. 0.05 min  
Lab File: BF103594.D  
Acq: 12 Mar 2018 20:50

Tgt Ion: 88 Resp: 144005  
Ion Ratio Lower Upper  
88 100  
58 86.5 62.6 93.8  
43 29.8 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1  
Ion 58.00 (57.70 to 58.70): BF1  
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 24.612 ng

RT: 3.52 min Scan# 244

Delta R.T. 0.09 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

Instrument :

BNA\_F

ClientSampleId :

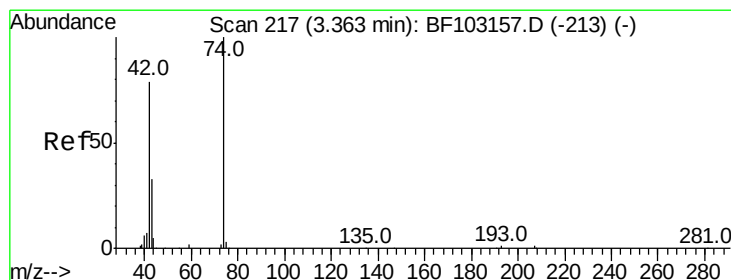
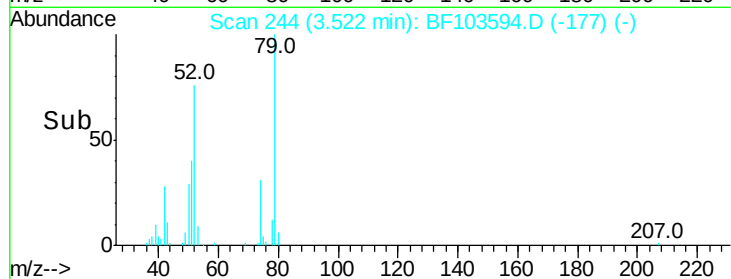
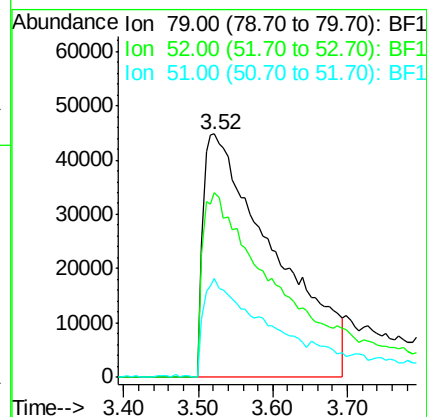
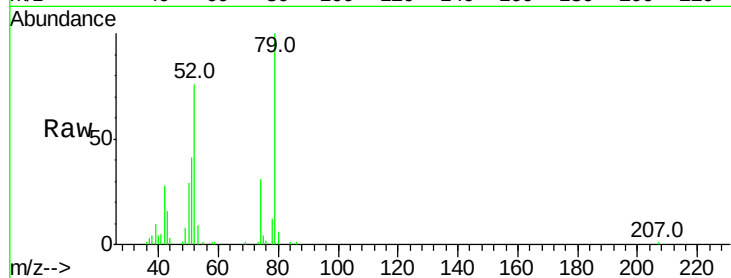
Tot Ion: 79 Resp: 295833

Ion Ratio Lower Upper

79 100

52 75.7 59.8 89.6

51 40.5 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 34.628 ng

RT: 3.46 min Scan# 233

Delta R.T. 0.07 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

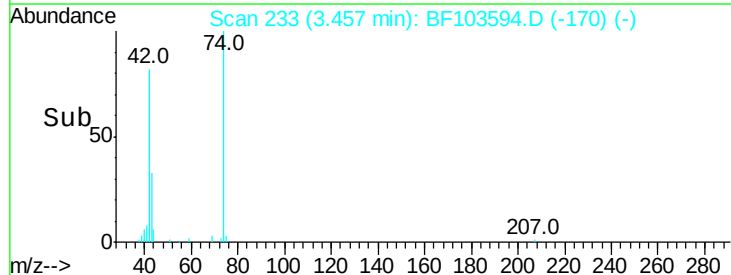
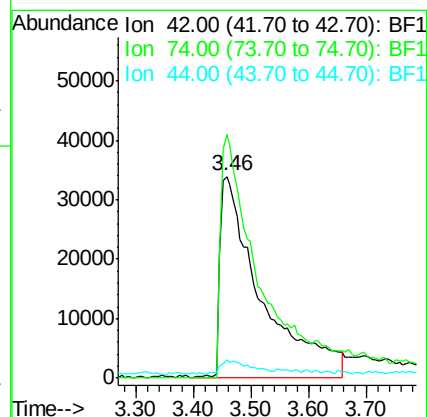
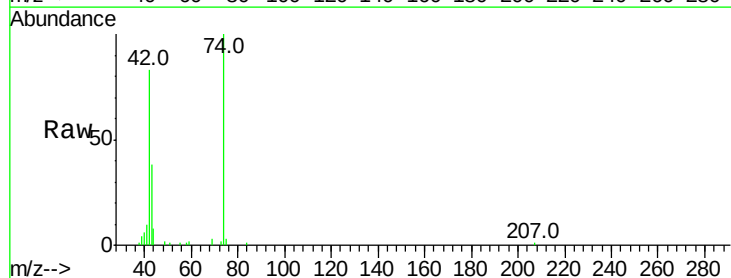
Tgt Ion: 42 Resp: 167864

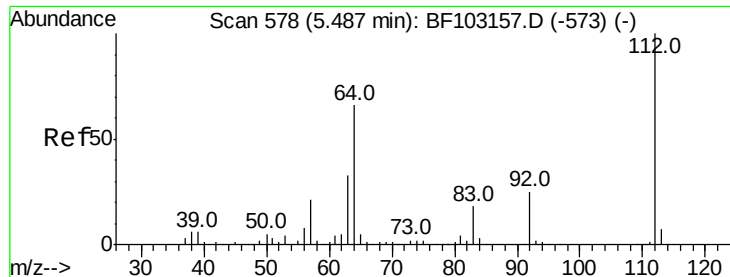
Ion Ratio Lower Upper

42 100

74 120.8 104.9 157.3

44 9.2 6.9 10.3





#5

2-Fluorophenol

Concen: 121.614 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

Instrument :

BNA\_F

ClientSampled :

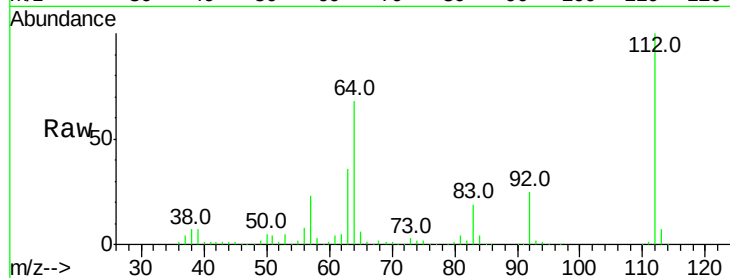
Tot Ion:112 Resp: 1036711

Ion Ratio Lower Upper

112 100

64 68.2 47.9 71.9

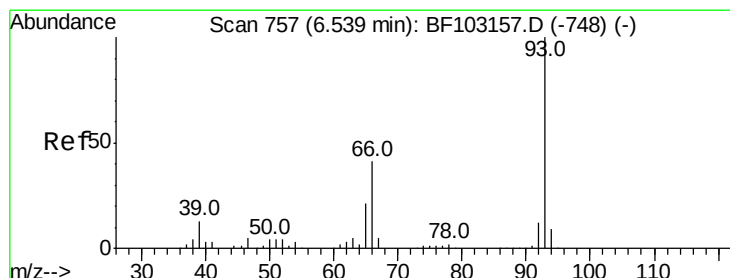
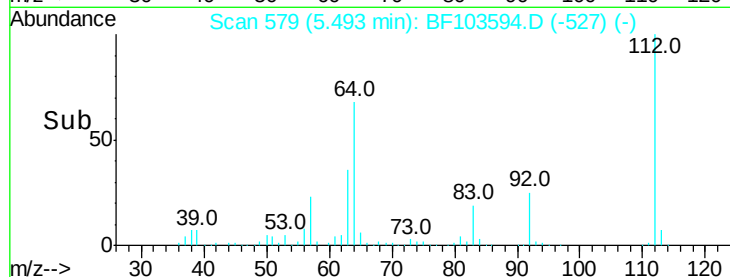
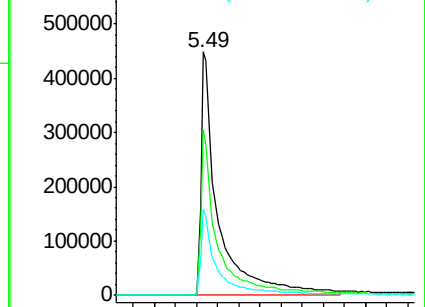
63 35.6 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 17.827 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

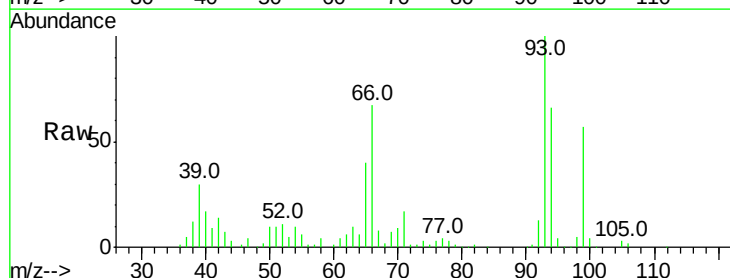
Tgt Ion: 93 Resp: 268383

Ion Ratio Lower Upper

93 100

66 67.5 32.2 48.2#

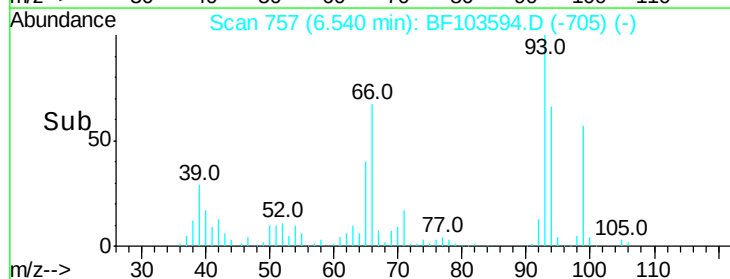
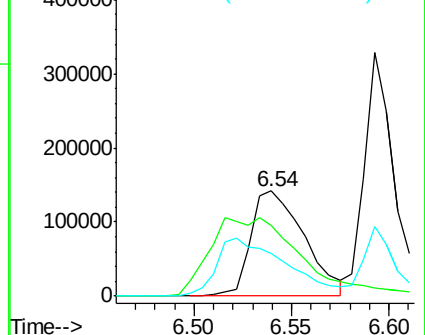
65 40.3 16.4 24.6#

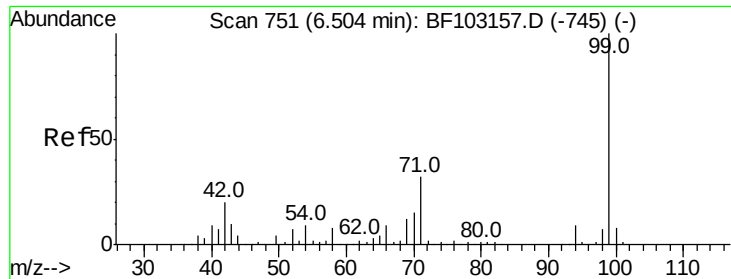


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 112.836 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

Instrument :

BNA\_F

ClientSampleId :

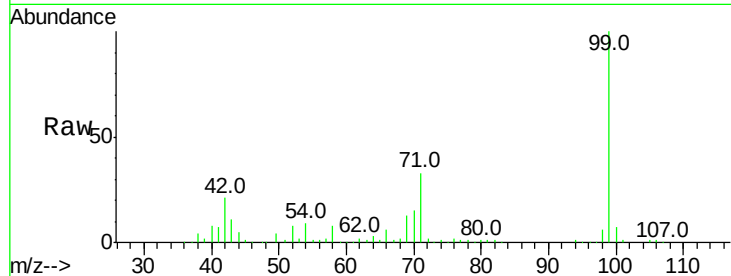
Tot Ion: 99 Resp: 1177016

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 21.2  | 14.5  | 21.7  |
| 71  | 33.2  | 25.4  | 38.0  |

99 100

42 21.2 14.5 21.7

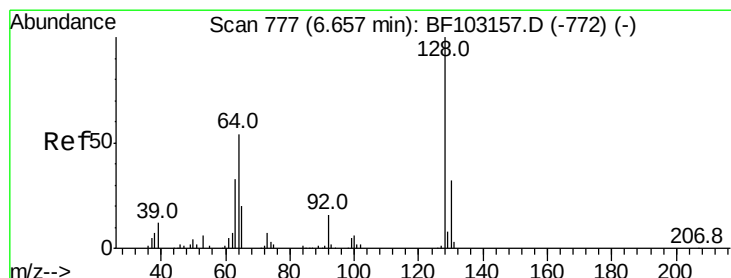
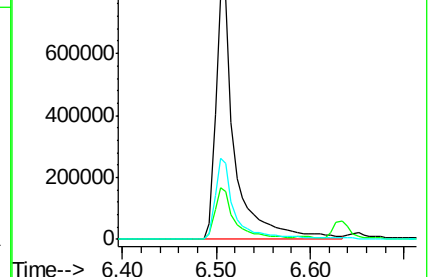
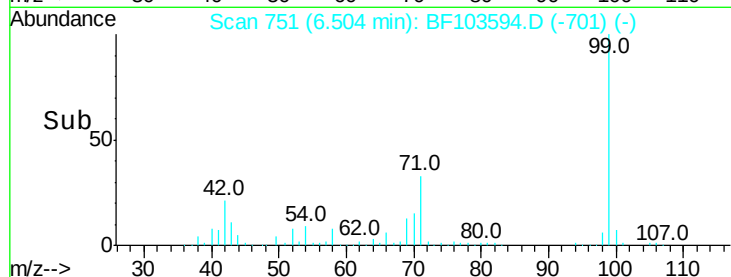
71 33.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.776 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

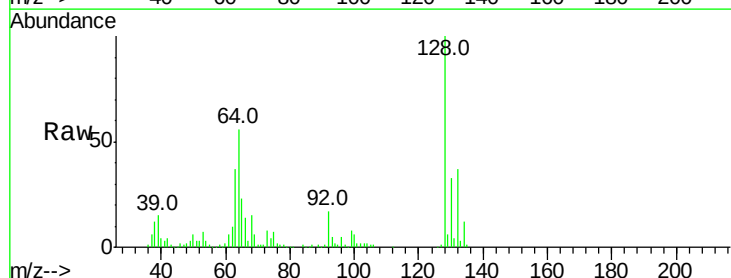
Tgt Ion:128 Resp: 361101

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 33.2  | 13.0  | 53.0  |
| 64  | 56.4  | 29.4  | 69.4  |

128 100

130 33.2 13.0 53.0

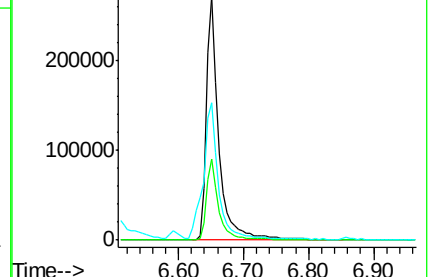
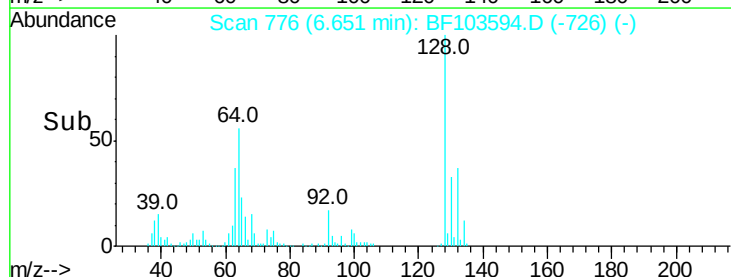
64 56.4 29.4 69.4



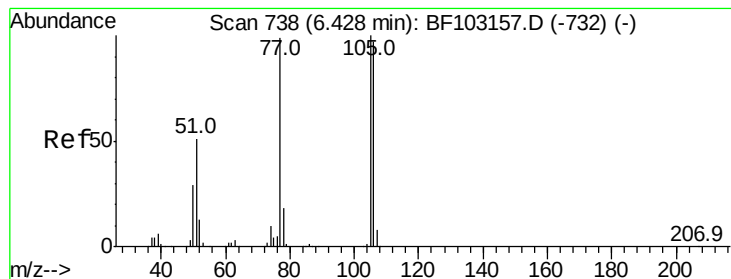
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1







#9

Benzaldehyde

Concen: 22.520 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

Instrument :

BNA\_F

ClientSampled :

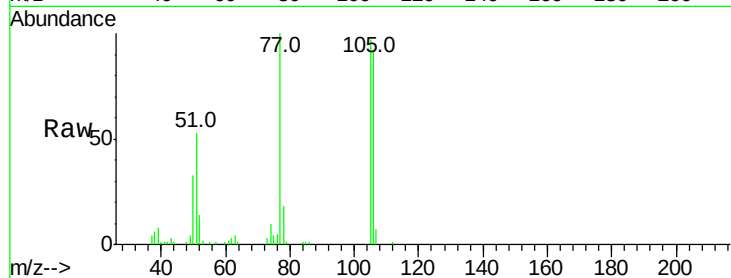
Tot Ion: 77 Resp: 161921

Ion Ratio Lower Upper

77 100

105 97.1 81.1 121.1

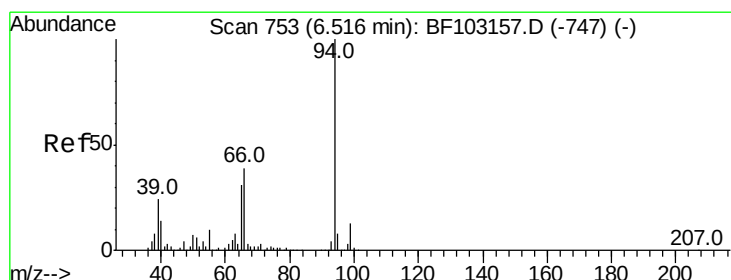
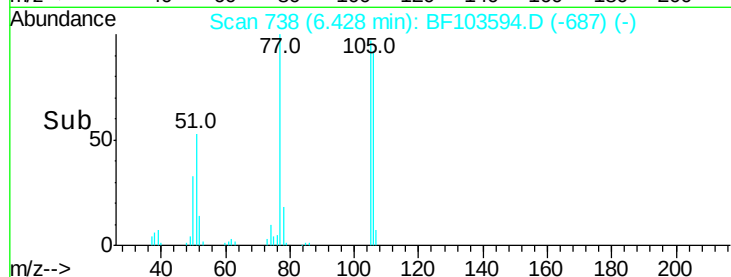
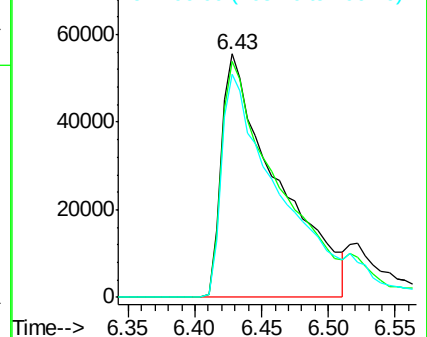
106 91.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 35.787 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

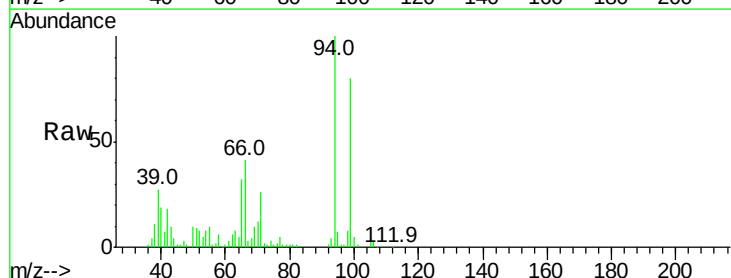
Tgt Ion: 94 Resp: 433364

Ion Ratio Lower Upper

94 100

65 32.1 7.9 47.9

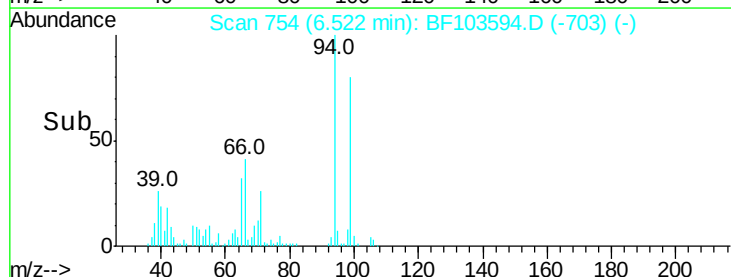
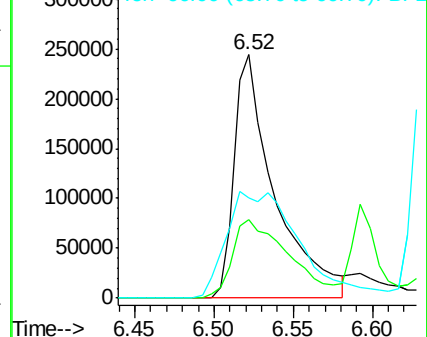
66 41.2 16.2 56.2



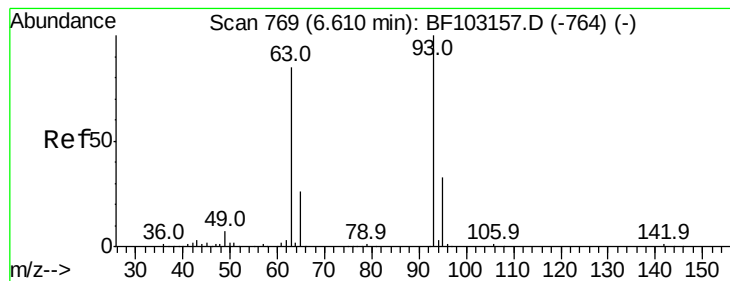
Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1







#11

bis(2-Chloroethyl)ether

Concen: 35.791 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

Instrument :

BNA\_F

ClientSampleId :

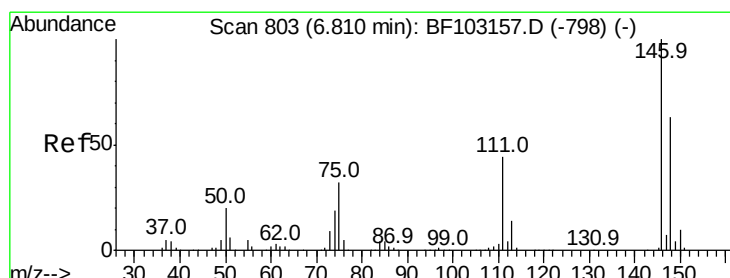
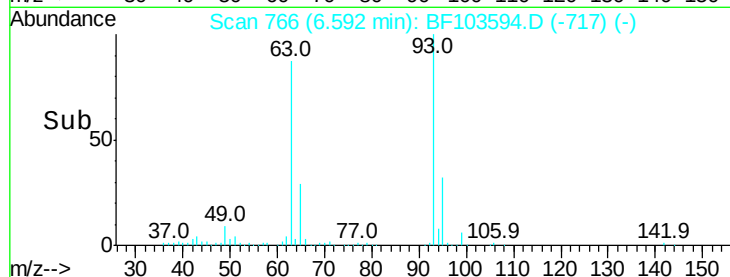
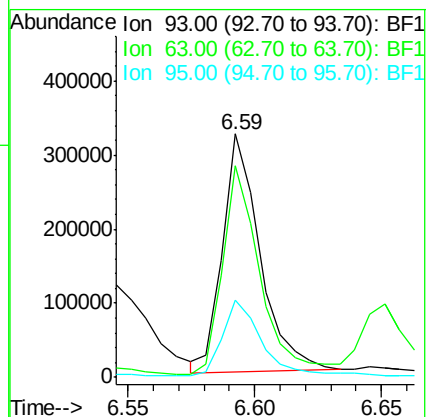
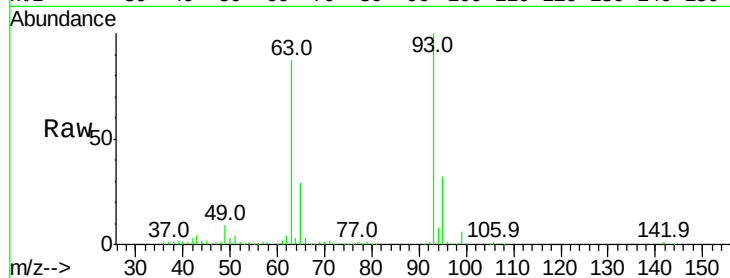
Tot Ion: 93 Resp: 328943

Ion Ratio Lower Upper

93 100

63 86.7 58.6 98.6

95 31.7 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 36.833 ng

RT: 6.80 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

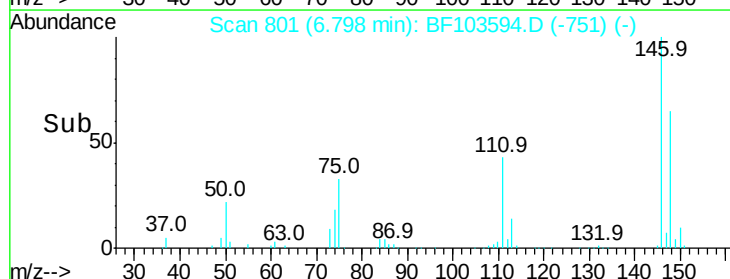
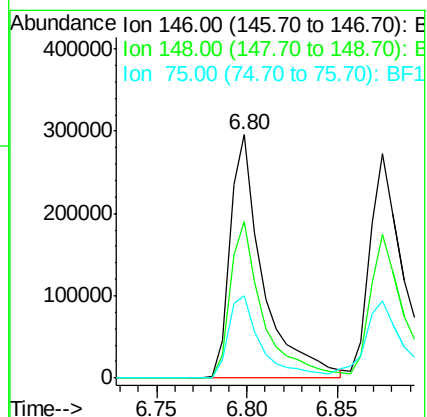
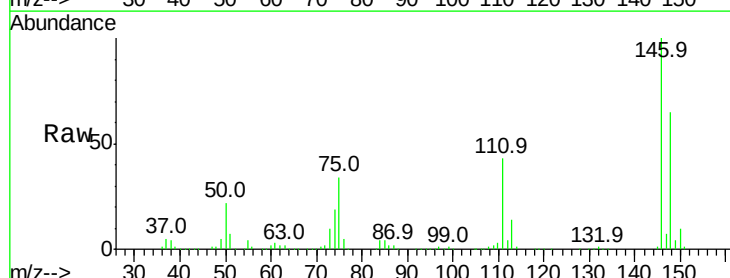
Tgt Ion: 146 Resp: 372748

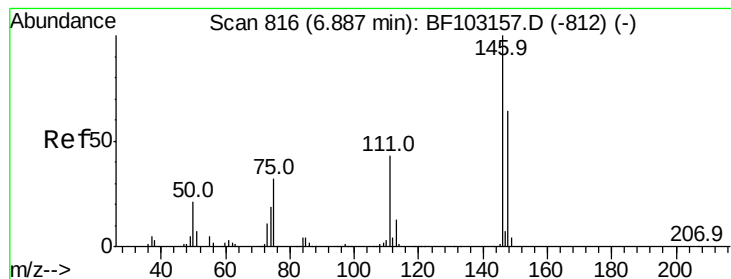
Ion Ratio Lower Upper

146 100

148 64.5 51.8 77.8

75 33.8 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 39.745 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

Instrument :

BNA\_F

ClientSampled :

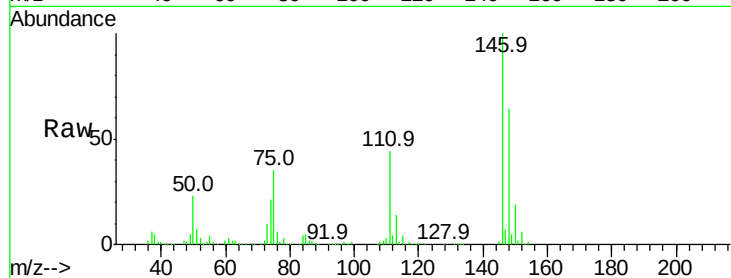
Tot Ion:146 Resp: 403264

Ion Ratio Lower Upper

146 100

148 64.1 50.8 76.2

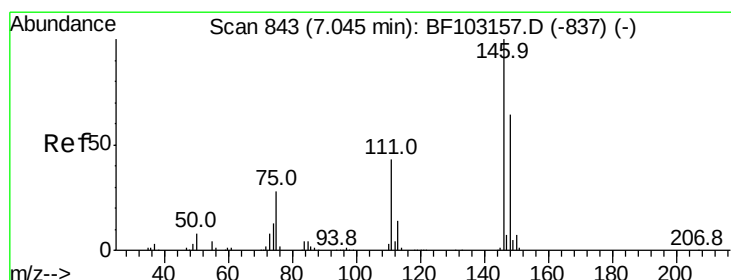
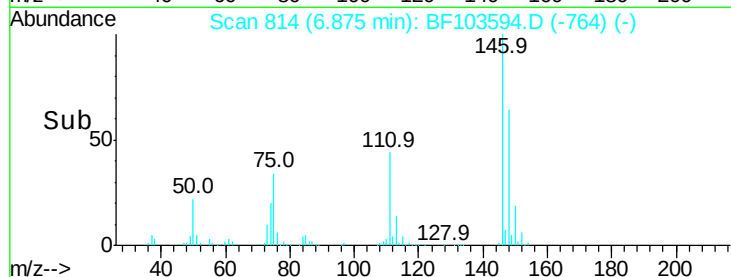
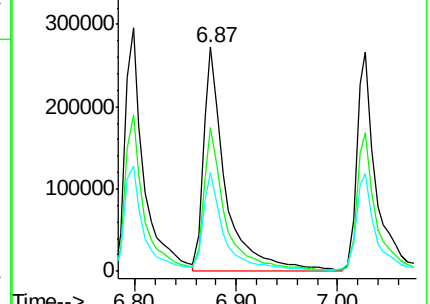
111 44.2 34.2 51.2



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: 37.526 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

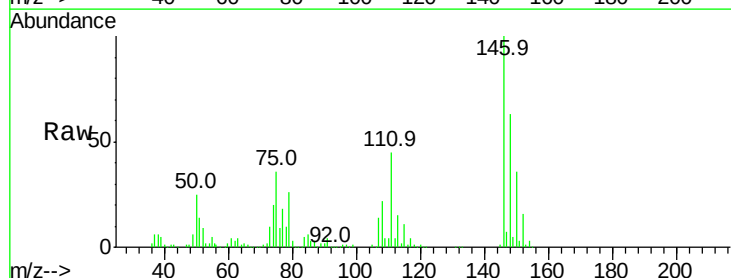
Tgt Ion:146 Resp: 351080

Ion Ratio Lower Upper

146 100

148 63.1 50.6 75.8

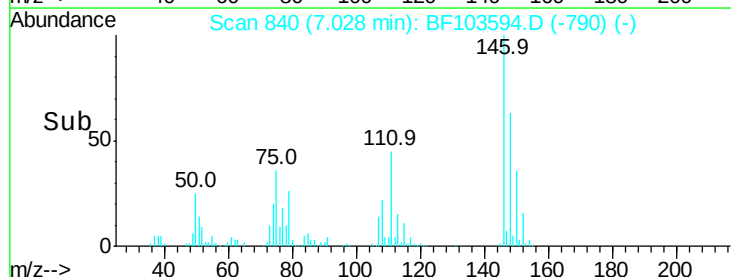
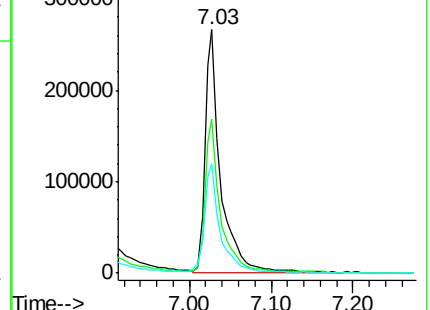
111 44.6 36.0 54.0

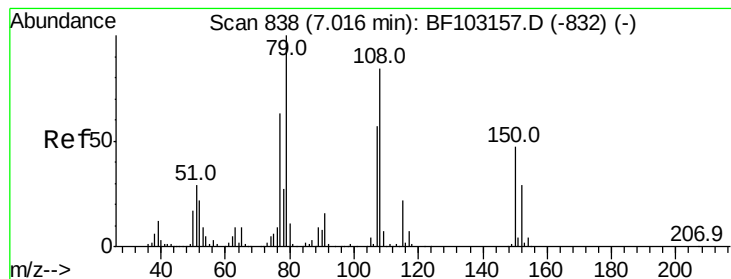


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.371 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

Instrument :

BNA\_F

ClientSampled :

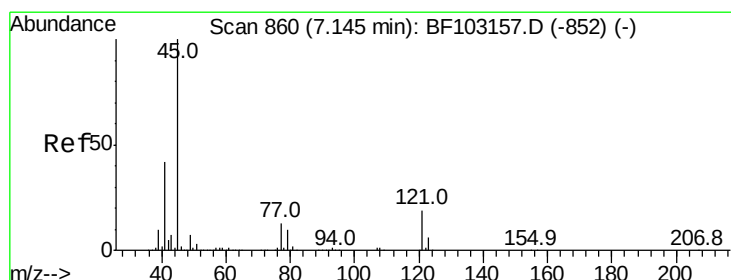
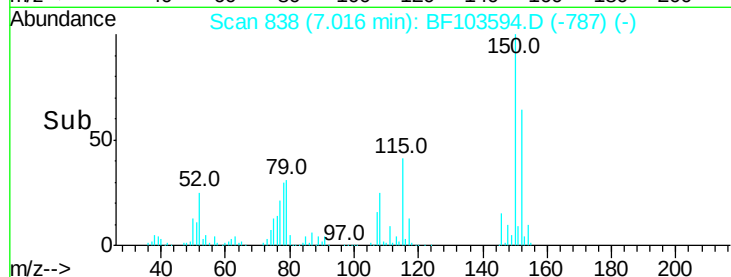
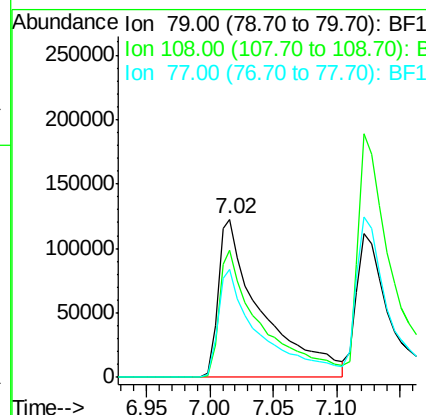
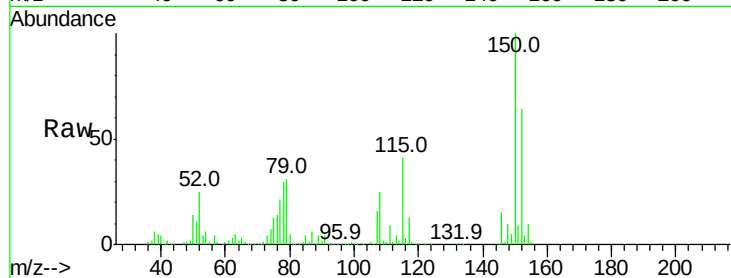
Tot Ion: 79 Resp: 293753

Ion Ratio Lower Upper

79 100

108 80.6 65.1 97.7

77 68.4 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.406 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

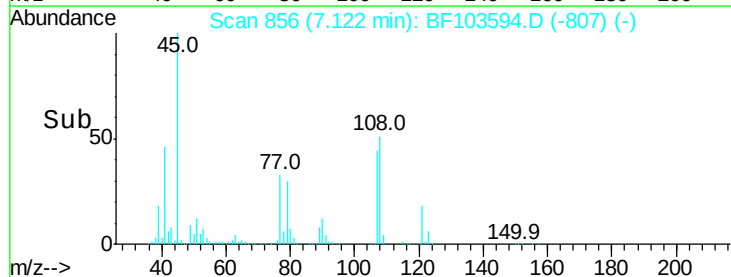
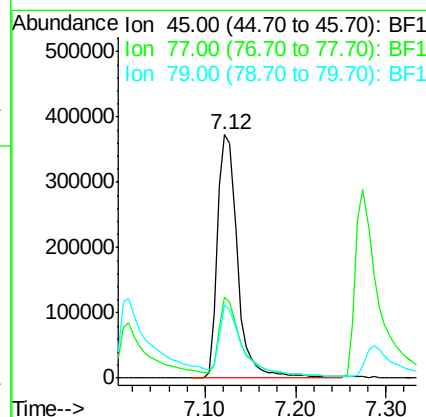
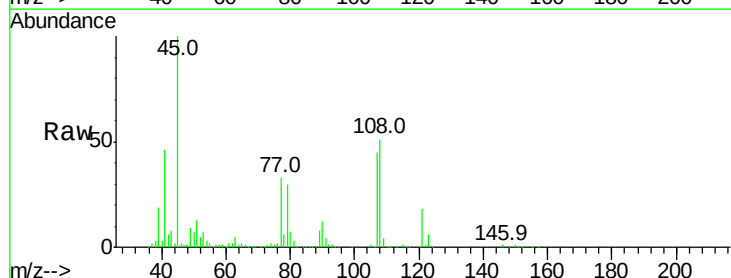
Tgt Ion: 45 Resp: 574581

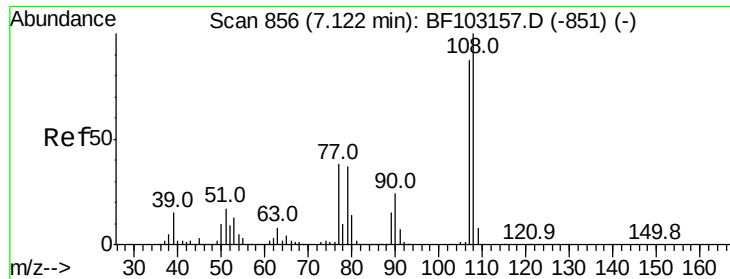
Ion Ratio Lower Upper

45 100

77 33.5 0.0 32.9#

79 29.9 0.0 29.6#

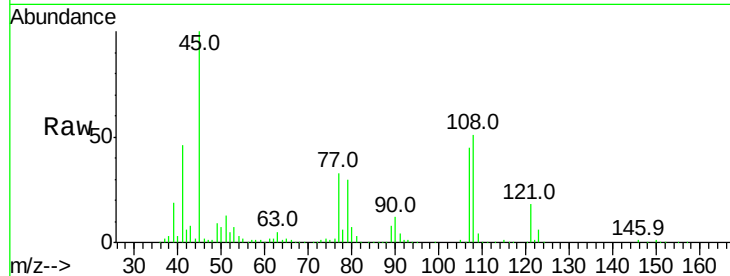




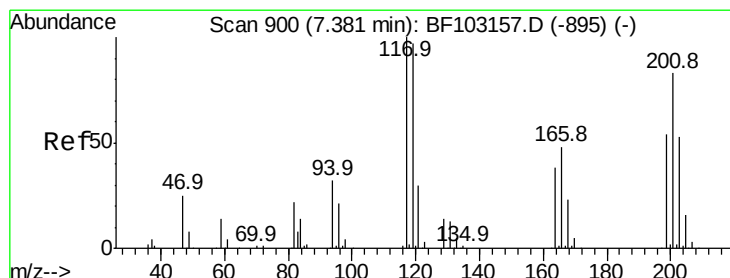
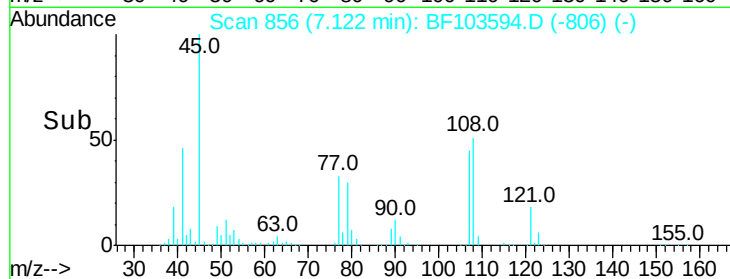
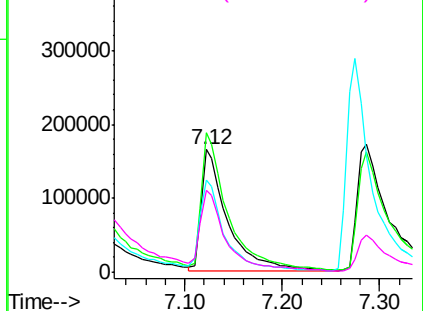
#17  
2-Methylphenol  
Concen: 37.683 ng  
RT: 7.12 min Scan# 856  
Delta R.T. -0.01 min  
Lab File: BF103594.D  
Acq: 12 Mar 2018 20:50

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:107 Resp: 303264  
Ion Ratio Lower Upper  
107 100  
108 113.7 91.7 137.5  
77 75.2 33.8 50.8#  
79 67.1 33.8 50.8#

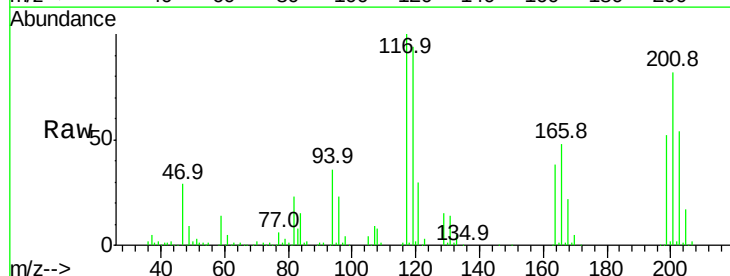


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

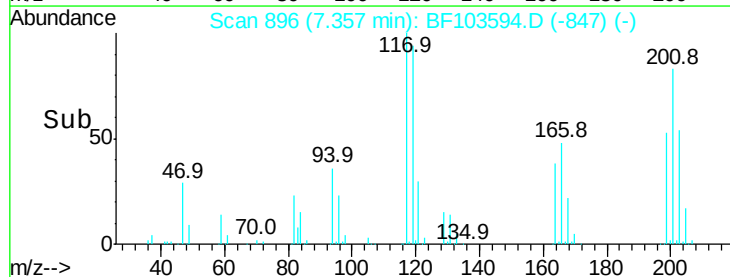
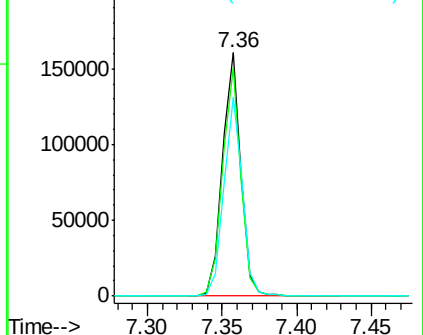


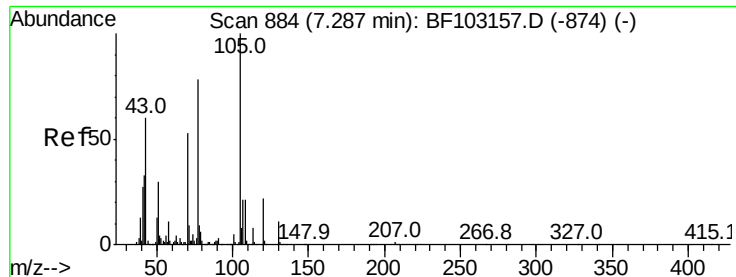
#18  
Hexachloroethane  
Concen: 38.147 ng  
RT: 7.36 min Scan# 896  
Delta R.T. -0.01 min  
Lab File: BF103594.D  
Acq: 12 Mar 2018 20:50

Tgt Ion:117 Resp: 140900  
Ion Ratio Lower Upper  
117 100  
119 93.6 75.8 113.8  
201 81.9 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

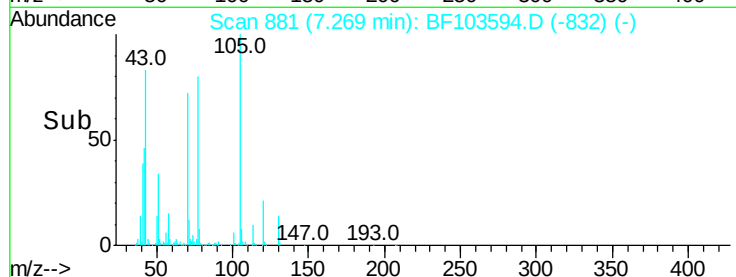
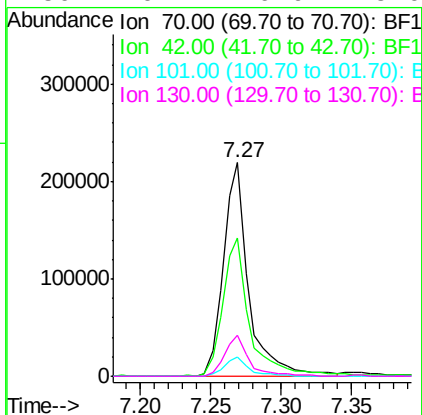
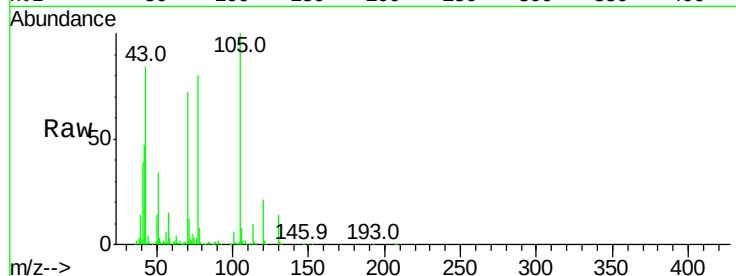




#19  
n-Nitroso-di-n-propylamine  
Concen: 41.929 ng  
RT: 7.27 min Scan# 881  
Delta R.T. -0.01 min  
Lab File: BF103594.D  
Acq: 12 Mar 2018 20:50

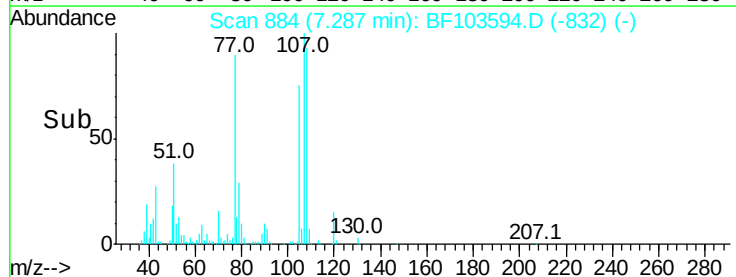
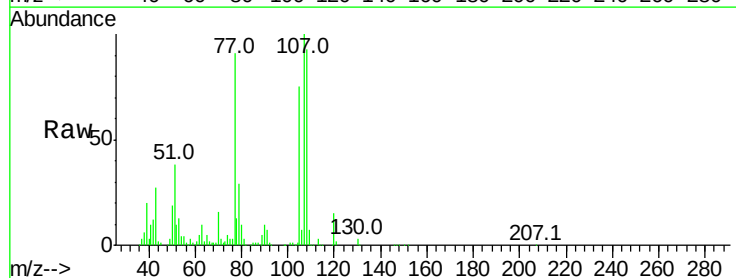
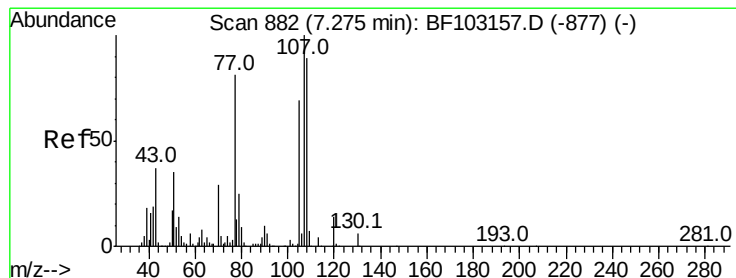
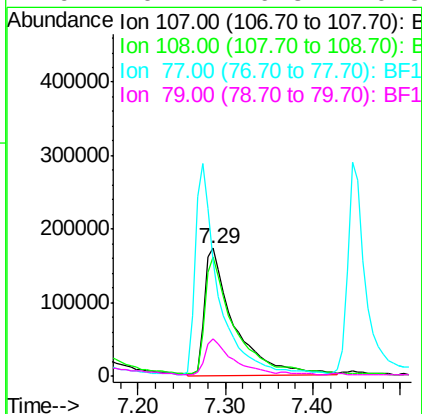
Instrument :  
BNA\_F  
ClientSampleId :

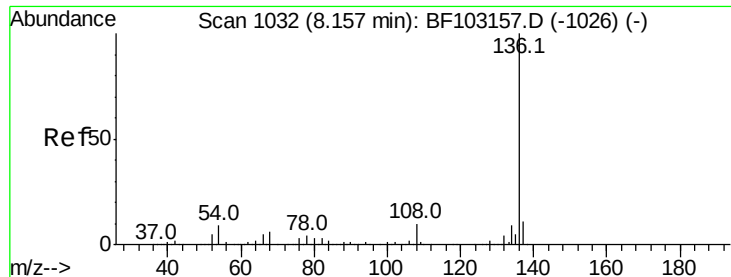
Tot Ion: 70 Resp: 272205  
Ion Ratio Lower Upper  
70 100  
42 64.8 47.5 71.3  
101 9.0 7.4 11.2  
130 19.4 16.6 25.0



#20  
3+4-Methylphenols  
Concen: 41.861 ng  
RT: 7.29 min Scan# 884  
Delta R.T. 0.01 min  
Lab File: BF103594.D  
Acq: 12 Mar 2018 20:50

Tgt Ion:107 Resp: 410663  
Ion Ratio Lower Upper  
107 100  
108 93.4 68.2 108.2  
77 90.5 26.7 66.7#  
79 29.1 6.3 46.3

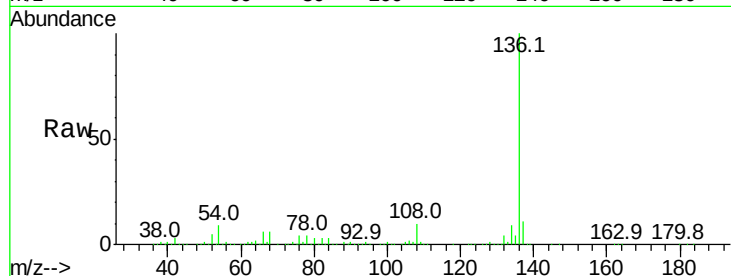




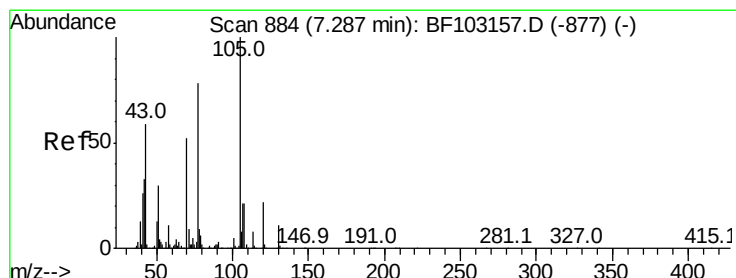
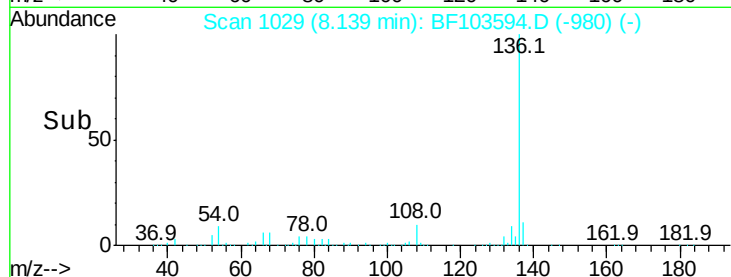
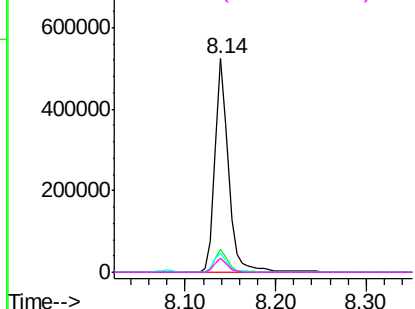
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.14 min Scan# 1029  
Delta R.T. -0.01 min  
Lab File: BF103594.D  
Acq: 12 Mar 2018 20:50

Instrument :  
BNA\_F  
ClientSampleId :

|             |              |
|-------------|--------------|
| Tot Ion:136 | Resp: 550241 |
| Ion Ratio   | Lower Upper  |
| 136 100     |              |
| 137 10.9    | 8.9 13.3     |
| 54 9.2      | 6.6 9.8      |
| 68 6.5      | 5.0 7.4      |

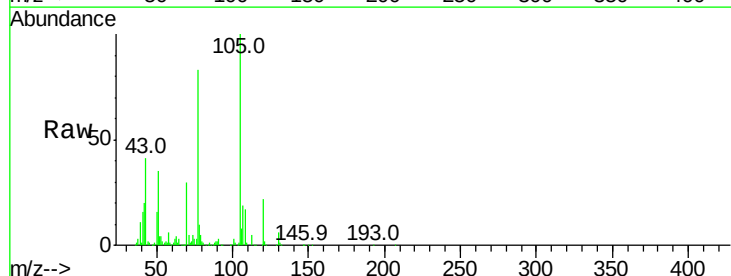


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

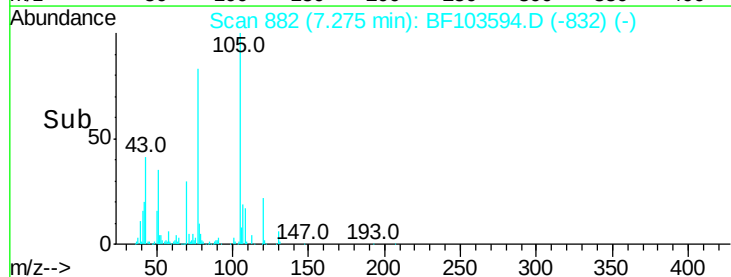
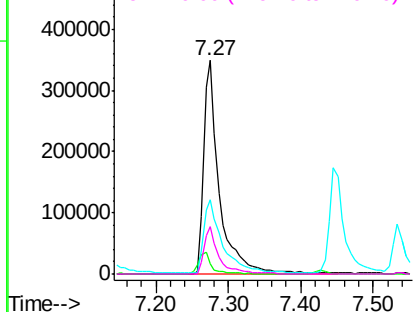


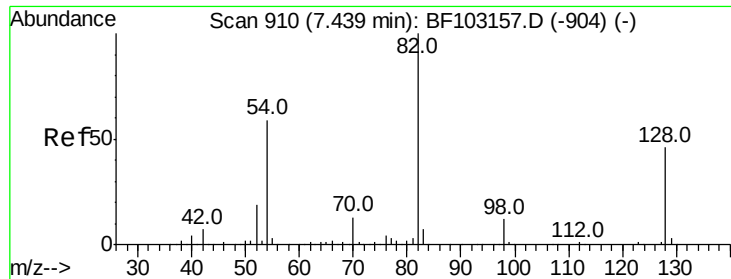
#22  
Acetophenone  
Concen: 41.092 ng  
RT: 7.27 min Scan# 882  
Delta R.T. -0.01 min  
Lab File: BF103594.D  
Acq: 12 Mar 2018 20:50

|             |              |
|-------------|--------------|
| Tgt Ion:105 | Resp: 527763 |
| Ion Ratio   | Lower Upper  |
| 105 100     |              |
| 71 4.8      | 4.4 6.6      |
| 51 34.9     | 22.3 33.5#   |
| 120 22.2    | 16.9 25.3    |



Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BF1  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 120.00 (119.70 to 120.70): E

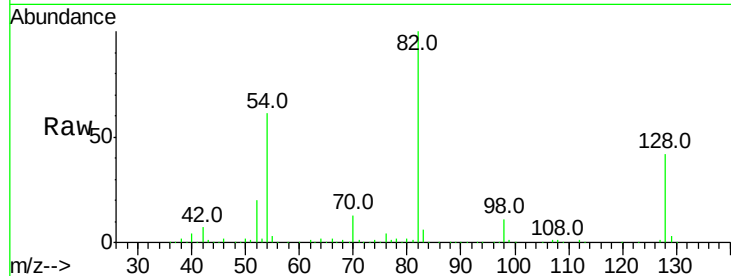




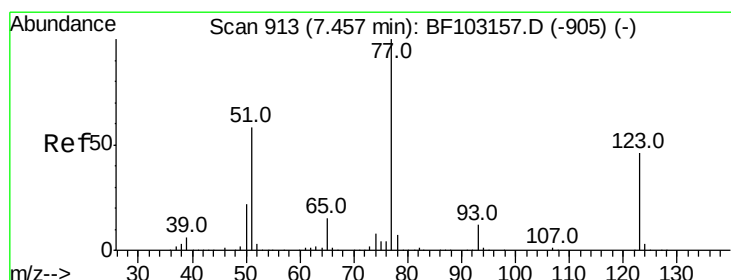
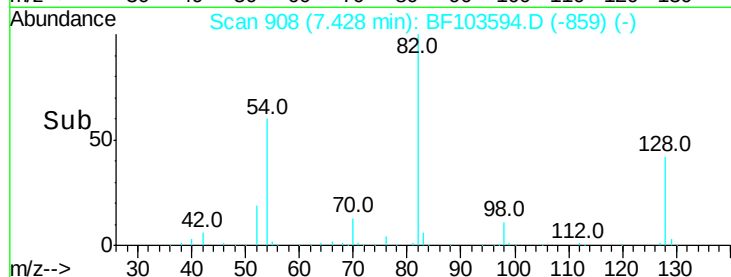
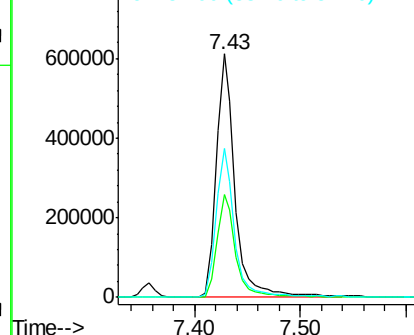
#23  
Nitrobenzene-d5  
Concen: 79.804 ng  
RT: 7.43 min Scan# 908  
Delta R.T. -0.01 min  
Lab File: BF103594.D  
Acq: 12 Mar 2018 20:50

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion: 82 Resp: 768916  
Ion Ratio Lower Upper  
82 100  
128 42.1 36.1 54.1  
54 61.1 41.4 62.2

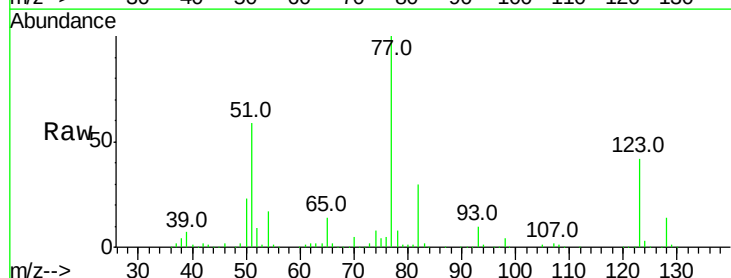


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): BF1  
Ion 54.00 (53.70 to 54.70): BF1

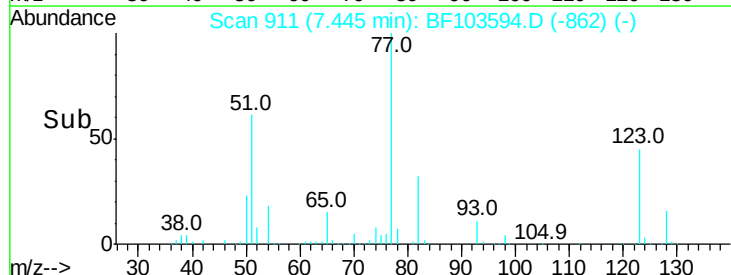
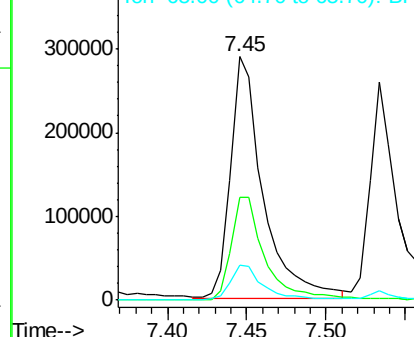


#24  
Nitrobenzene  
Concen: 38.670 ng  
RT: 7.45 min Scan# 911  
Delta R.T. -0.01 min  
Lab File: BF103594.D  
Acq: 12 Mar 2018 20:50

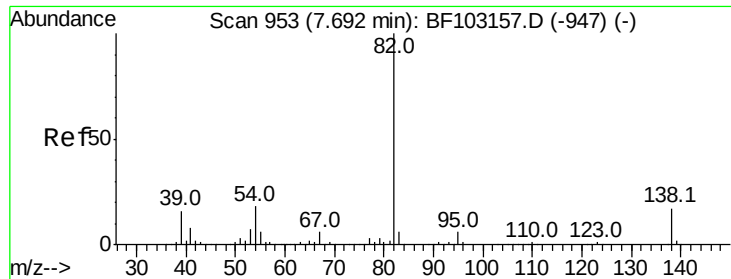
Tgt Ion: 77 Resp: 410220  
Ion Ratio Lower Upper  
77 100  
123 42.0 37.9 56.9  
65 14.3 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 123.00 (122.70 to 123.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1







#25

Isophorone

Concen: 40.791 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

Instrument :  
BNA\_F  
ClientSampleId :

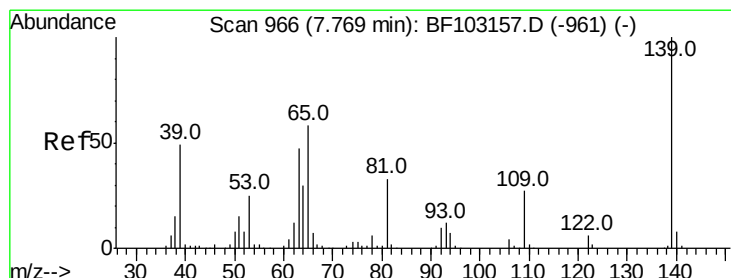
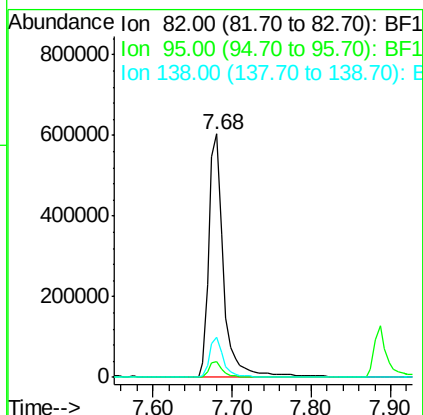
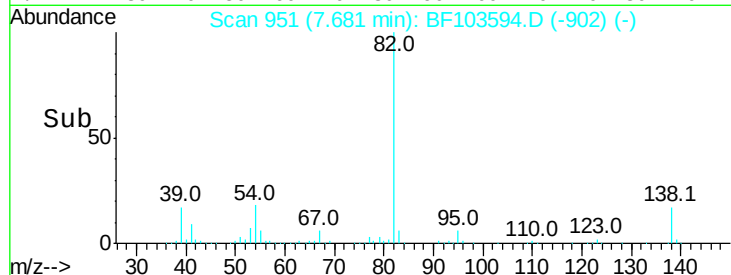
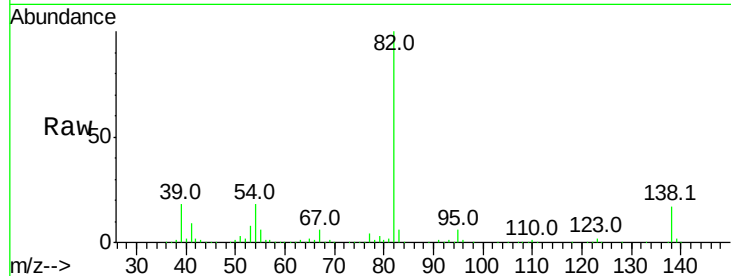
Tot Ion: 82 Resp: 774070

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

138 16.6 14.9 22.3



#26

2-Nitrophenol

Concen: 39.846 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

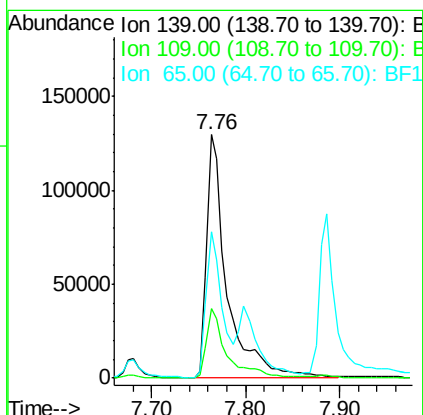
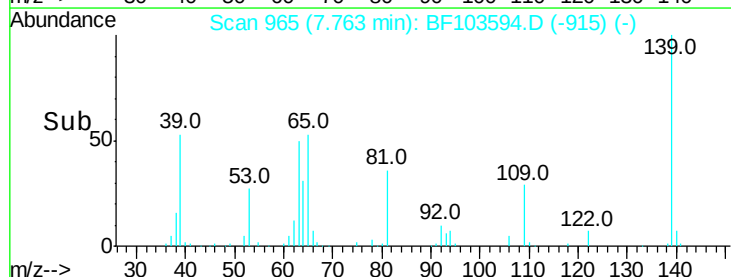
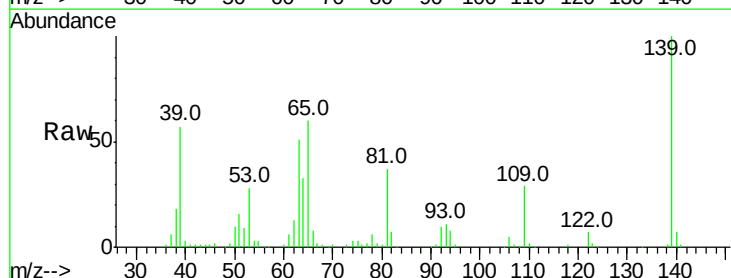
Tgt Ion: 139 Resp: 198989

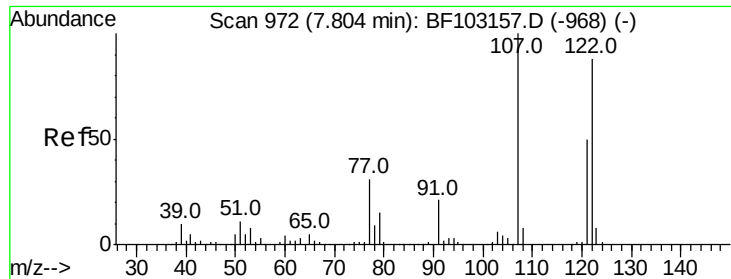
Ion Ratio Lower Upper

139 100

109 28.6 22.7 34.1

65 59.9 40.5 60.7

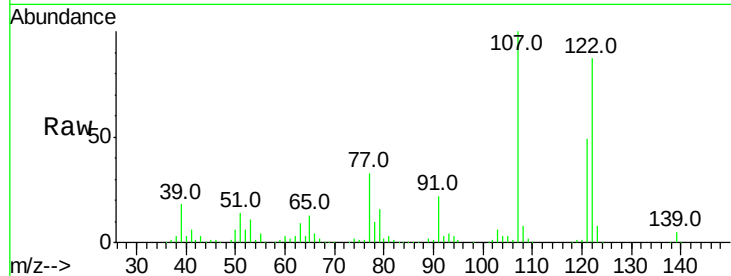




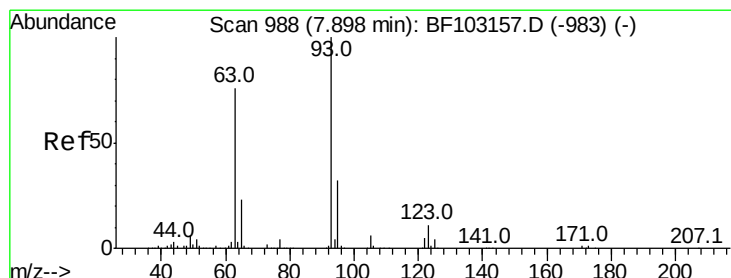
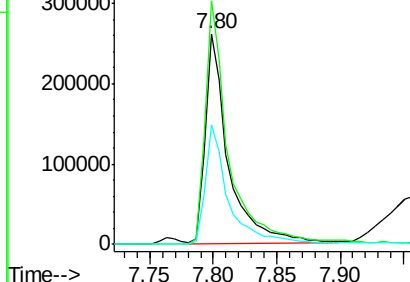
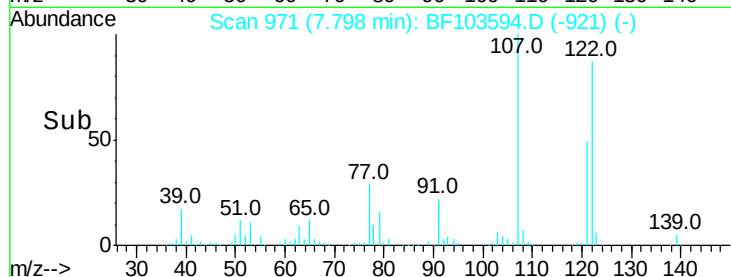
#27  
2,4-Dimethylphenol  
Concen: 43.775 ng  
RT: 7.80 min Scan# 971  
Delta R.T. -0.01 min  
Lab File: BF103594.D  
Acq: 12 Mar 2018 20:50

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:122 Resp: 334155  
Ion Ratio Lower Upper  
122 100  
107 115.6 91.2 136.8  
121 56.7 47.2 70.8

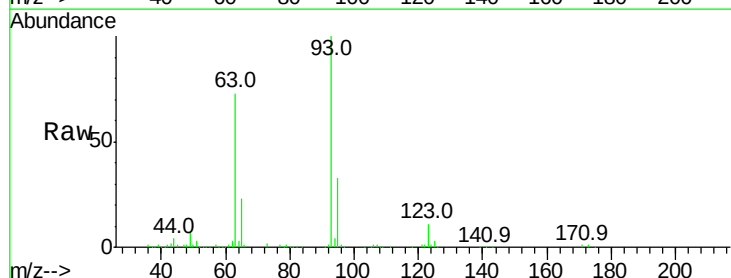


Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 107.00 (106.70 to 107.70): E  
Ion 121.00 (120.70 to 121.70): E

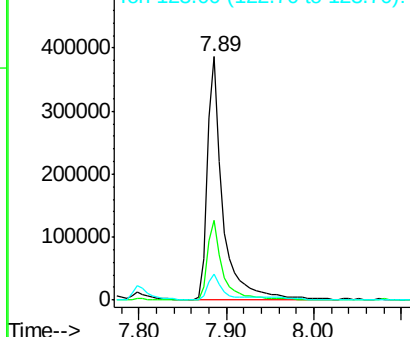
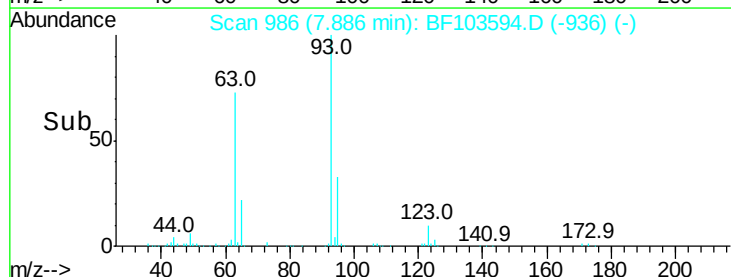


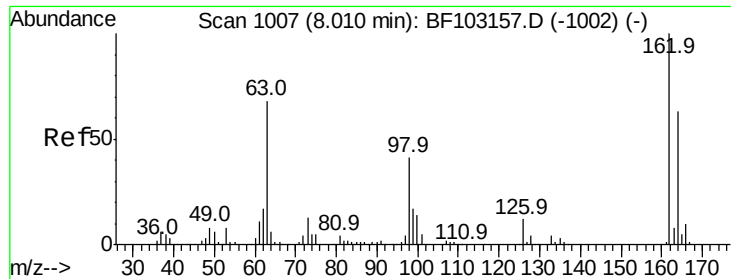
#28  
bis(2-Chloroethoxy)methane  
Concen: 42.210 ng  
RT: 7.89 min Scan# 986  
Delta R.T. -0.01 min  
Lab File: BF103594.D  
Acq: 12 Mar 2018 20:50

Tgt Ion: 93 Resp: 470933  
Ion Ratio Lower Upper  
93 100  
95 32.9 26.3 39.5  
123 10.6 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1  
Ion 123.00 (122.70 to 123.70): E

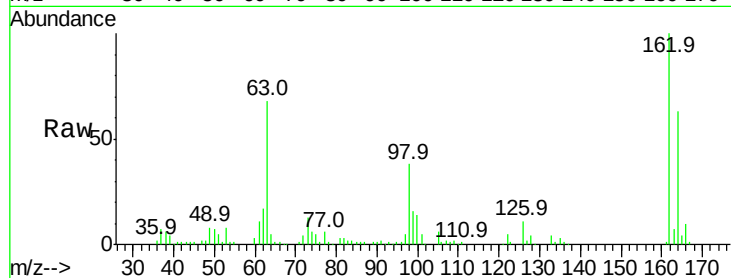




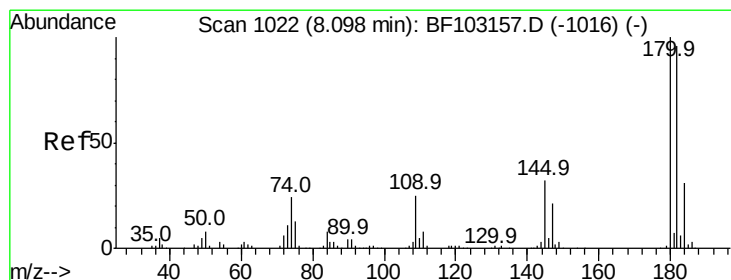
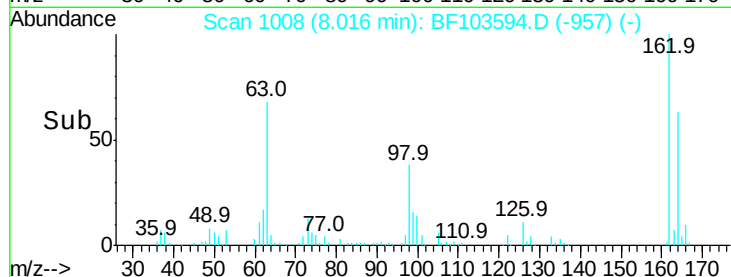
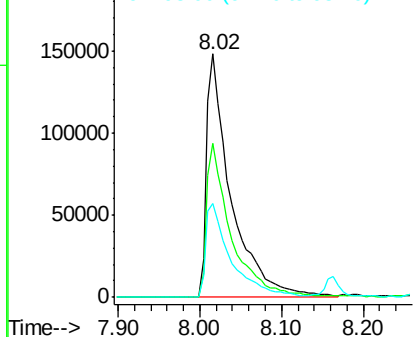
#29  
 2,4-Dichlorophenol  
 Concen: 42.097 ng  
 RT: 8.02 min Scan# 1008  
 Delta R.T. 0.00 min  
 Lab File: BF103594.D  
 Acq: 12 Mar 2018 20:50

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:162 Resp: 307660  
 Ion Ratio Lower Upper  
 162 100  
 164 63.1 42.7 82.7  
 98 38.3 18.1 58.1

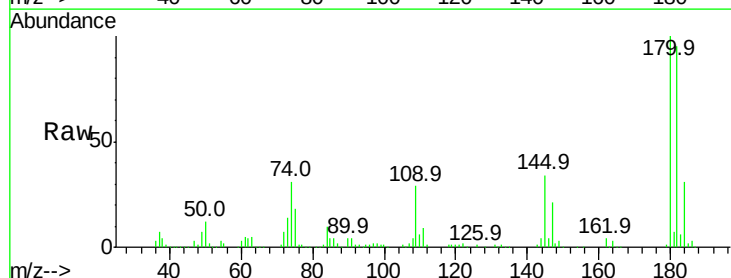


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF1

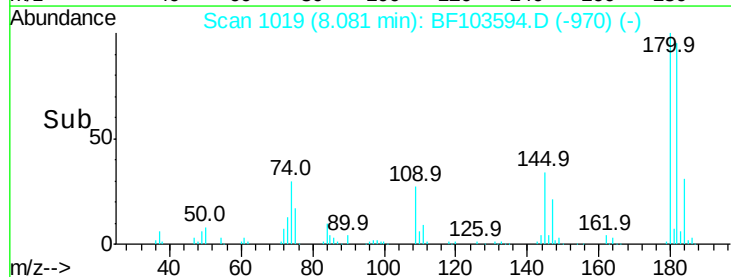
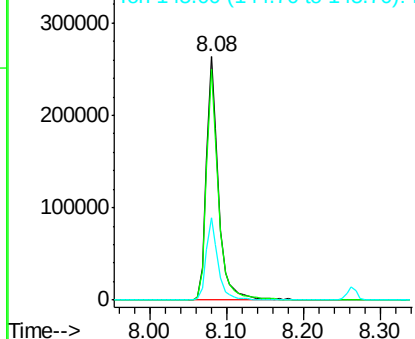


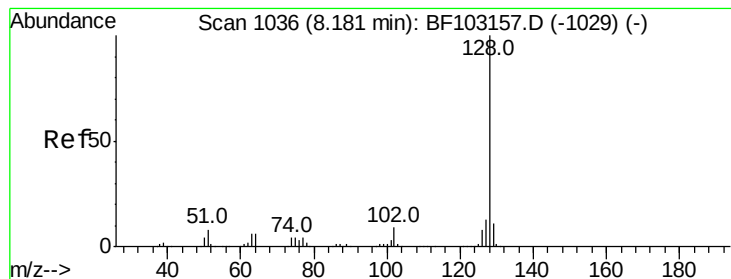
#30  
 1,2,4-Trichlorobenzene  
 Concen: 36.760 ng  
 RT: 8.08 min Scan# 1019  
 Delta R.T. -0.01 min  
 Lab File: BF103594.D  
 Acq: 12 Mar 2018 20:50

Tgt Ion:180 Resp: 286089  
 Ion Ratio Lower Upper  
 180 100  
 182 94.9 76.8 115.2  
 145 33.7 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: 39.328 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

Instrument :

BNA\_F

ClientSampled :

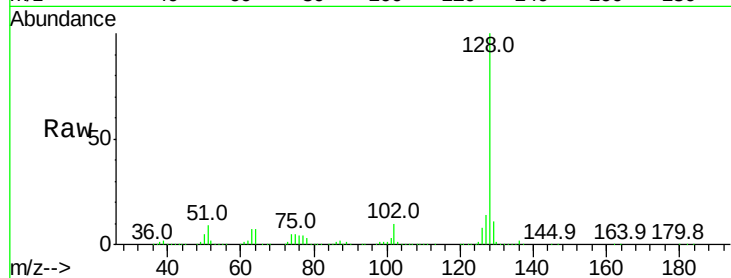
Tot Ion:128 Resp: 1059438

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

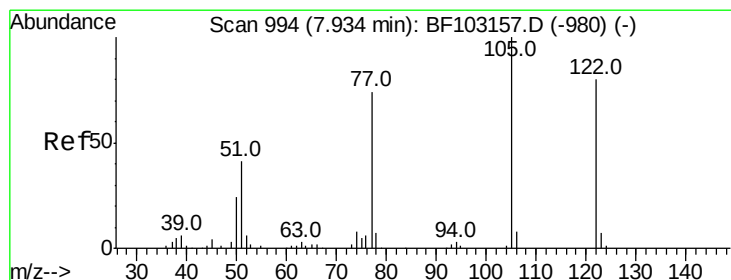
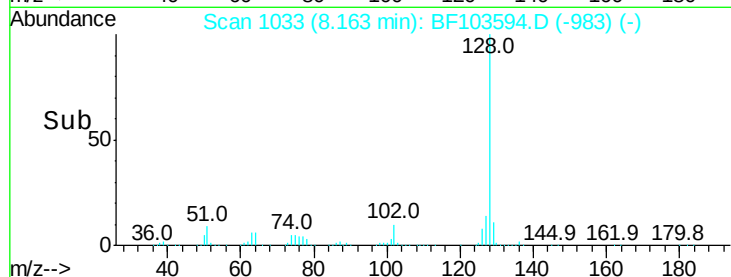
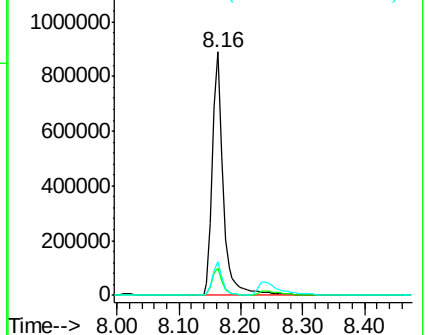
127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 30.272 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

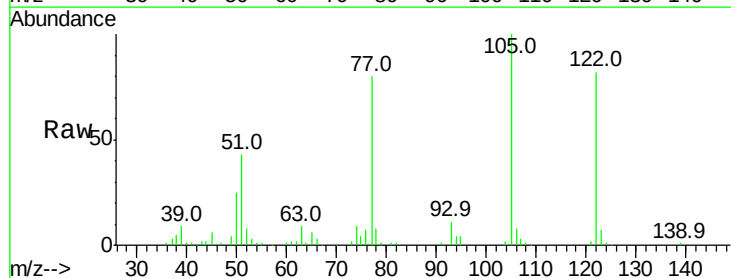
Tgt Ion:122 Resp: 154544

Ion Ratio Lower Upper

122 100

105 121.7 101.1 141.1

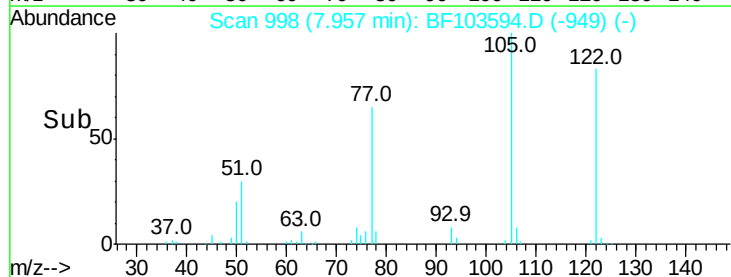
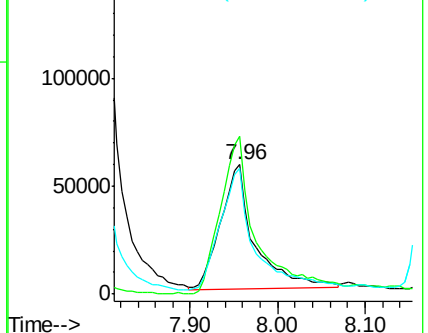
77 96.9 70.7 110.7

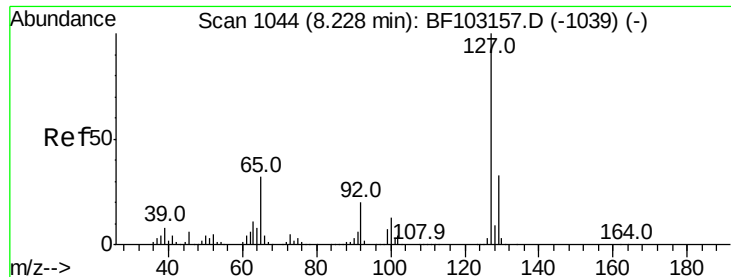


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

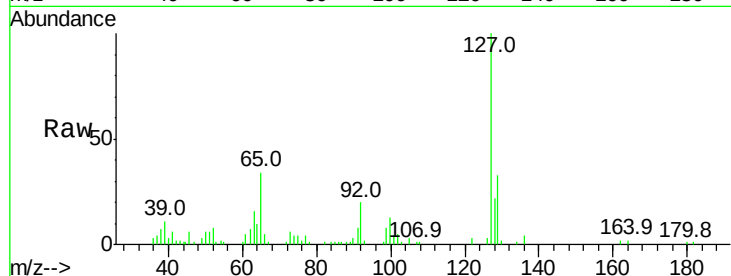




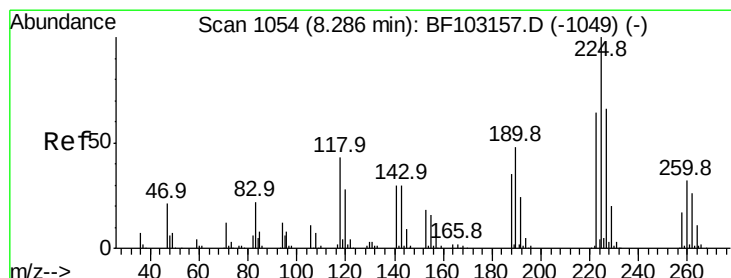
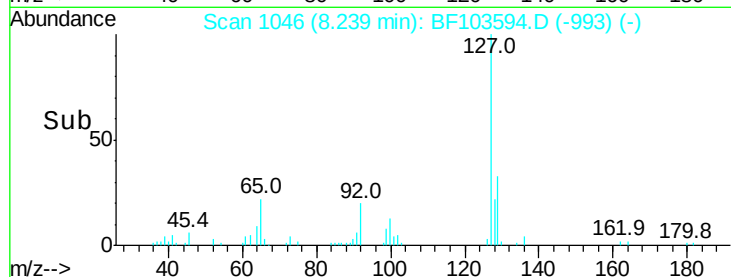
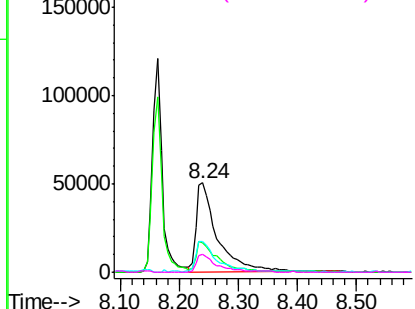
#33  
4-Chloroaniline  
Concen: 10.899 ng  
RT: 8.24 min Scan# 1046  
Delta R.T. 0.01 min  
Lab File: BF103594.D  
Acq: 12 Mar 2018 20:50

Instrument :  
BNA\_F  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 126693 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.0  | 25.9  | 38.9   |
| 65       | 33.9  | 25.0  | 37.4   |
| 92       | 20.0  | 15.2  | 22.8   |

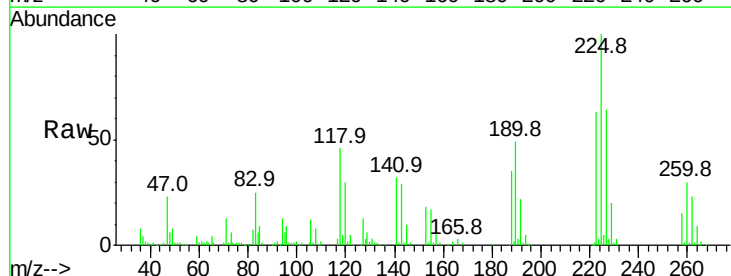


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

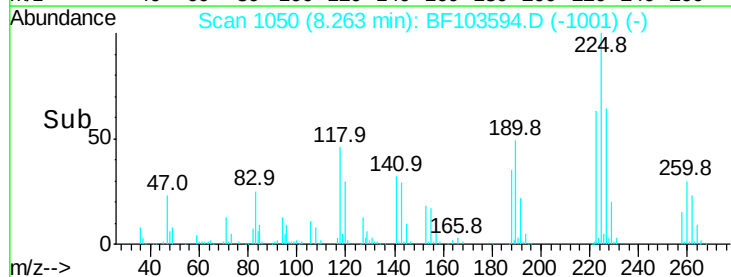
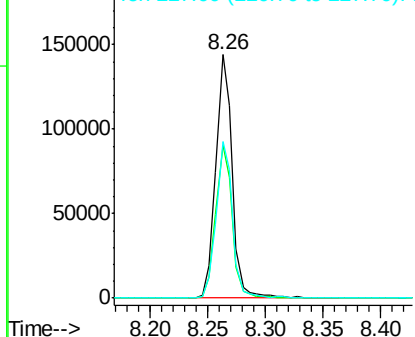


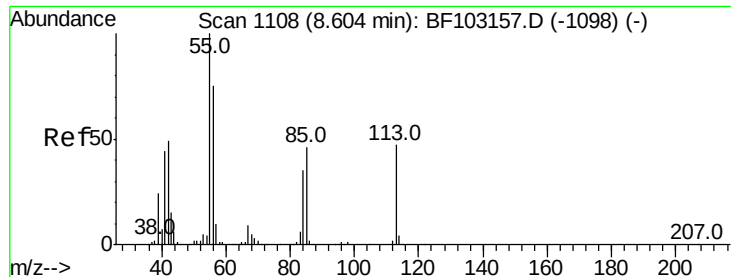
#34  
Hexachlorobutadiene  
Concen: 34.977 ng  
RT: 8.26 min Scan# 1050  
Delta R.T. -0.01 min  
Lab File: BF103594.D  
Acq: 12 Mar 2018 20:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 141750 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.9  | 50.6  | 76.0   |
| 227      | 64.3  | 51.9  | 77.9   |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 20.180 ng

RT: 8.60 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

Instrument :

BNA\_F

ClientSampleId :

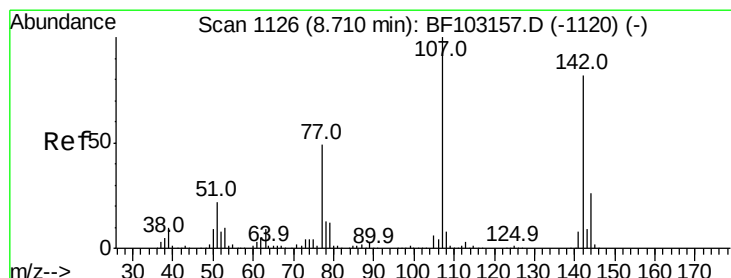
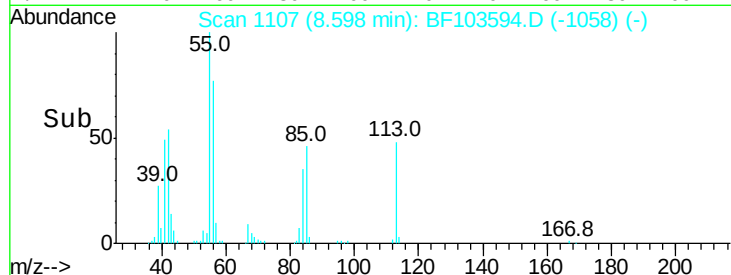
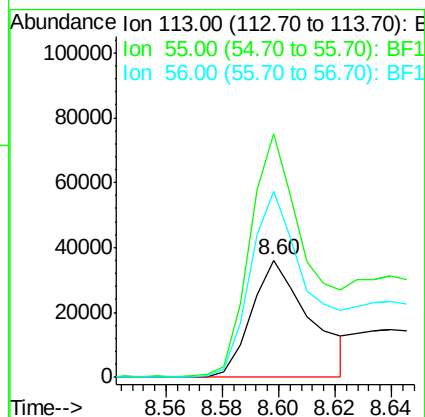
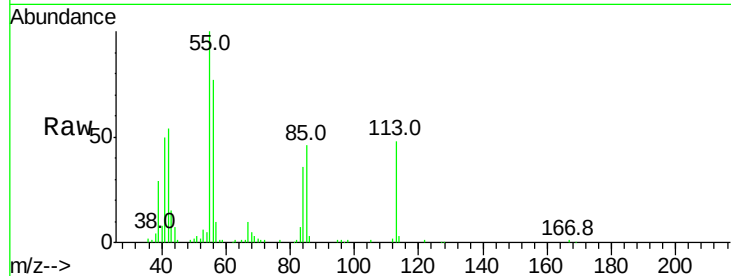
Tot Ion:113 Resp: 51834

Ion Ratio Lower Upper

113 100

55 207.8 163.3 203.3#

56 159.1 115.7 155.7#



#36

4-Chloro-3-methylphenol

Concen: 42.988 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

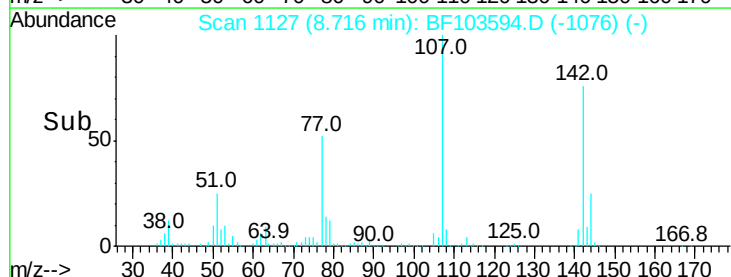
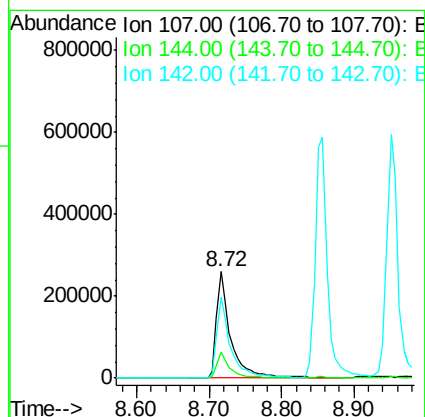
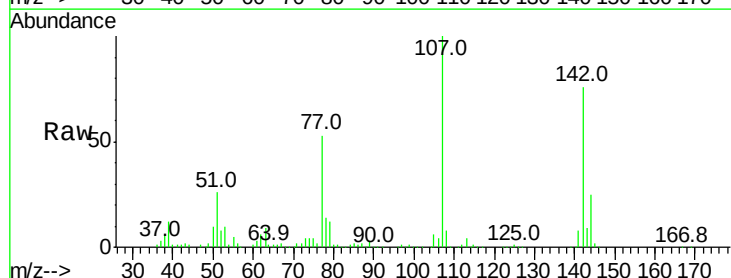
Tgt Ion:107 Resp: 354353

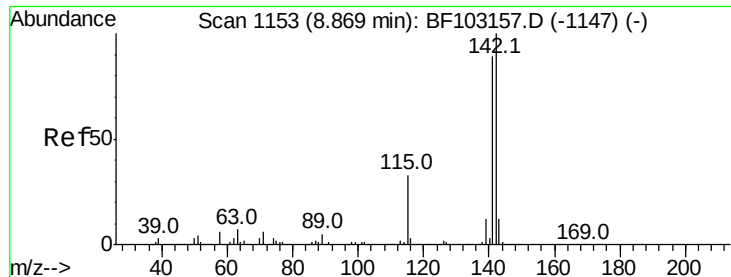
Ion Ratio Lower Upper

107 100

144 24.6 20.5 30.7

142 76.1 62.0 93.0

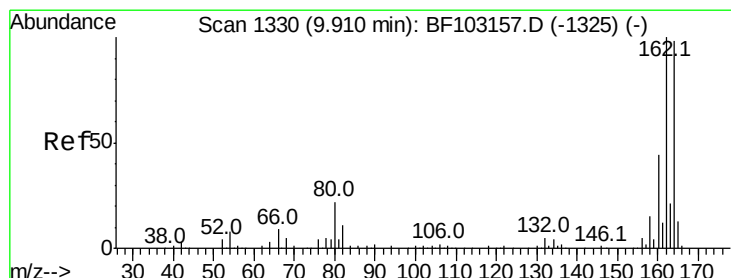
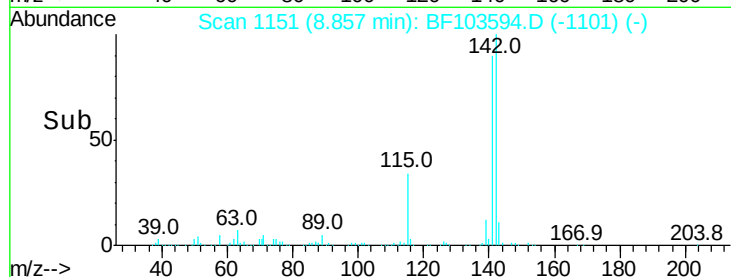
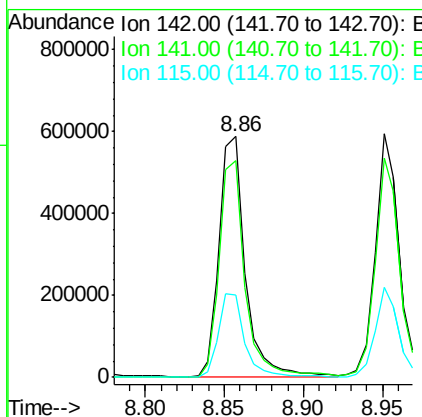
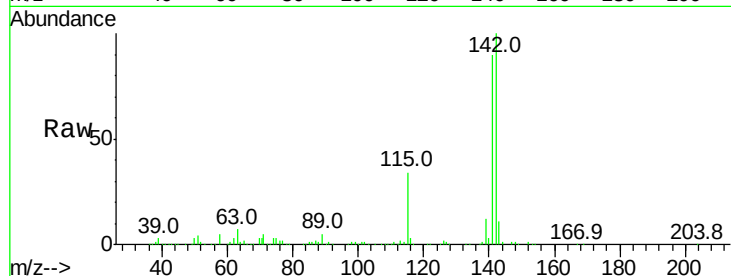




#37  
 2-Methylnaphthalene  
 Concen: 39.005 ng  
 RT: 8.86 min Scan# 1151  
 Delta R.T. -0.01 min  
 Lab File: BF103594.D  
 Acq: 12 Mar 2018 20:50

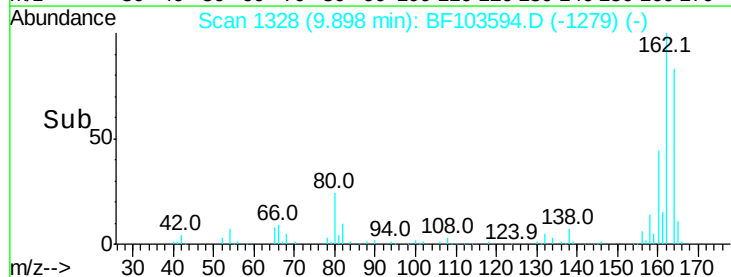
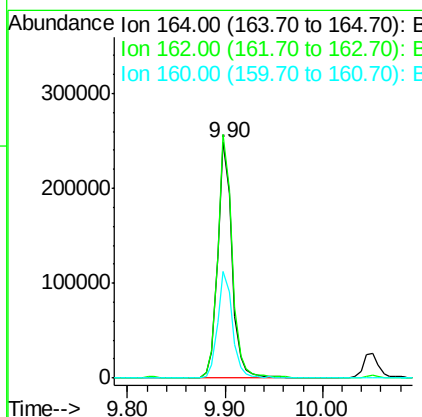
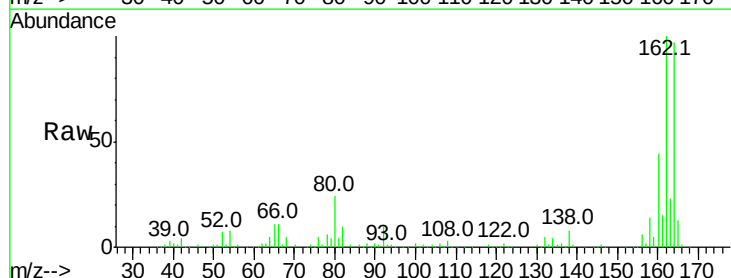
Instrument :  
 BNA\_F  
 ClientSampleId :

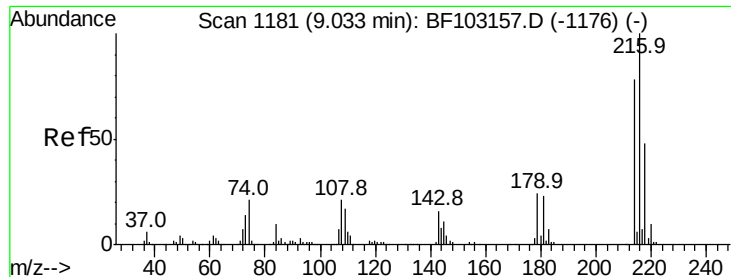
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.8  | 70.8  | 106.2 |
| 115     | 34.4  | 26.1  | 39.1  |



#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.90 min Scan# 1328  
 Delta R.T. -0.01 min  
 Lab File: BF103594.D  
 Acq: 12 Mar 2018 20:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.5 | 86.1  | 129.1 |
| 160     | 45.1  | 38.3  | 57.5  |

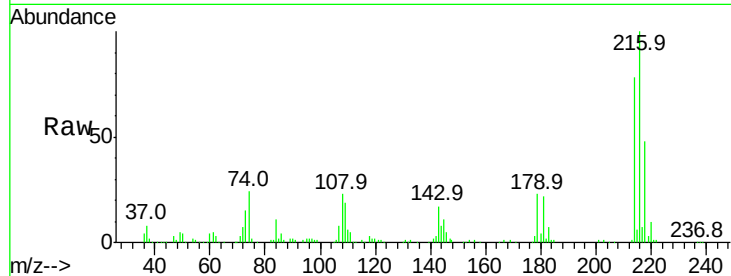




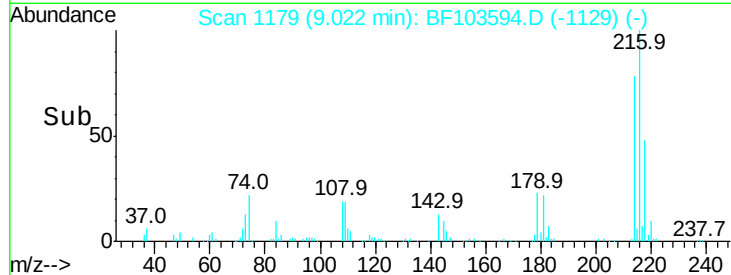
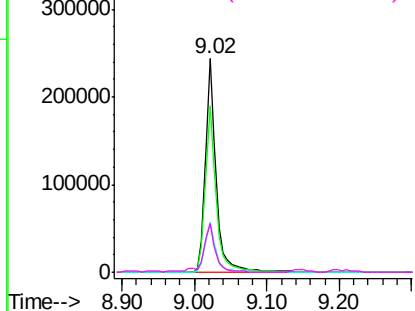
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 36.418 ng  
 RT: 9.02 min Scan# 1179  
 Delta R.T. -0.01 min  
 Lab File: BF103594.D  
 Acq: 12 Mar 2018 20:50

Instrument :  
 BNA\_F  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 216   | Resp: | 253451 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 79.2  | 63.0  | 94.4   |
| 179      | 23.9  | 18.1  | 27.1   |
| 108      | 24.4  | 17.2  | 25.8   |

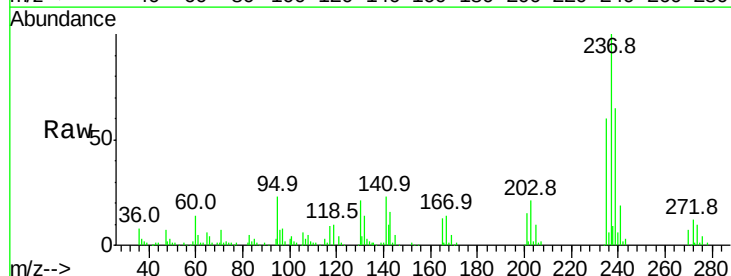
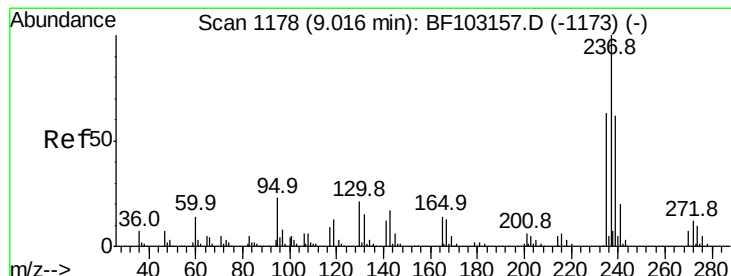


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

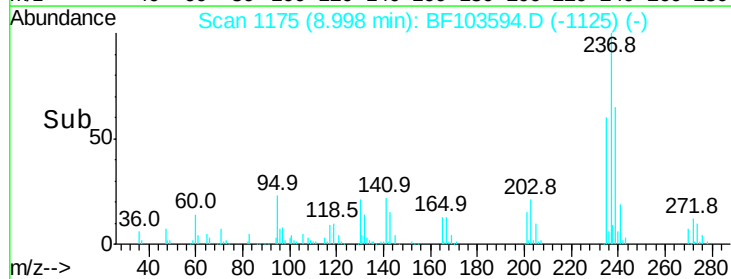
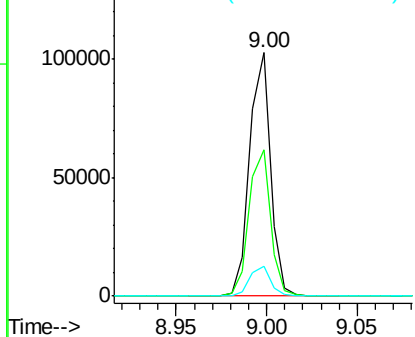


#40  
 Hexachlorocyclopentadiene  
 Concen: 38.843 ng  
 RT: 9.00 min Scan# 1175  
 Delta R.T. -0.01 min  
 Lab File: BF103594.D  
 Acq: 12 Mar 2018 20:50

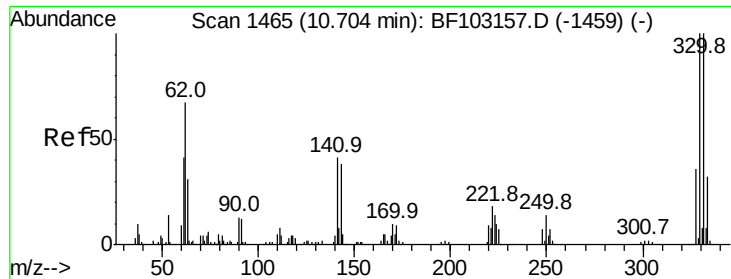
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 82675 |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 60.2  | 44.8  | 84.8  |
| 272      | 12.0  | 0.0   | 33.3  |



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



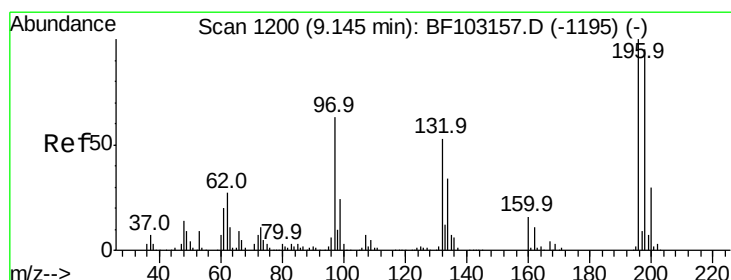
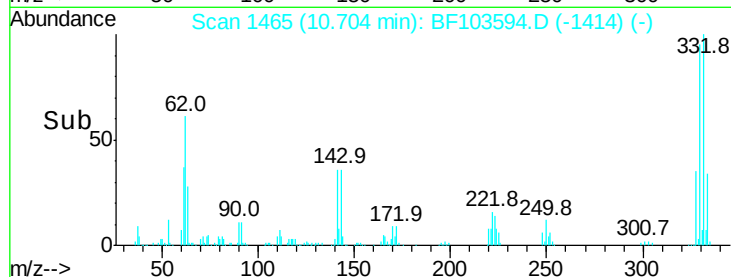
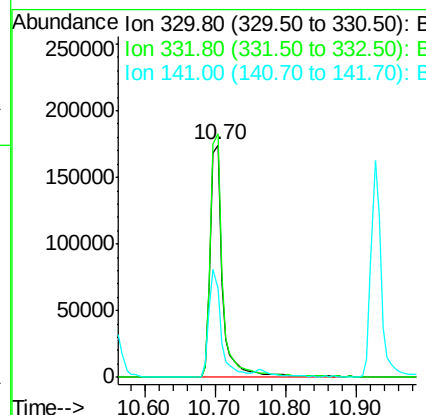
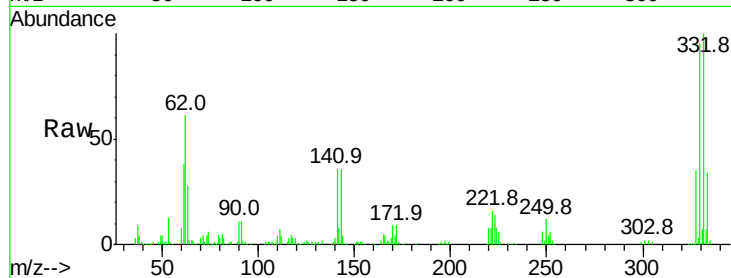




#41  
 2,4,6-Tribromophenol  
 Concen: 99.640 ng  
 RT: 10.70 min Scan# 1465  
 Delta R.T. 0.00 min  
 Lab File: BF103594.D  
 Acq: 12 Mar 2018 20:50

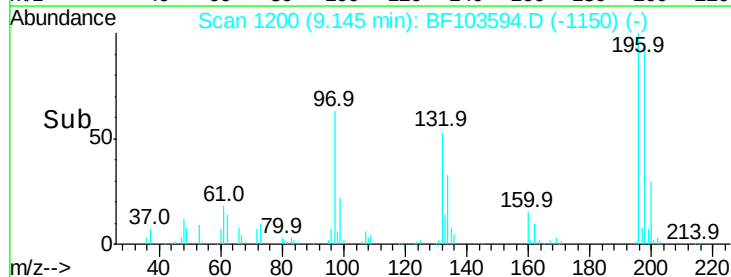
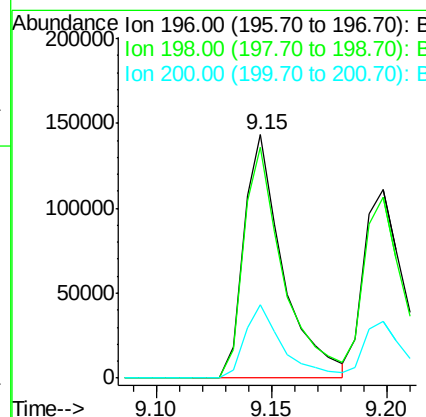
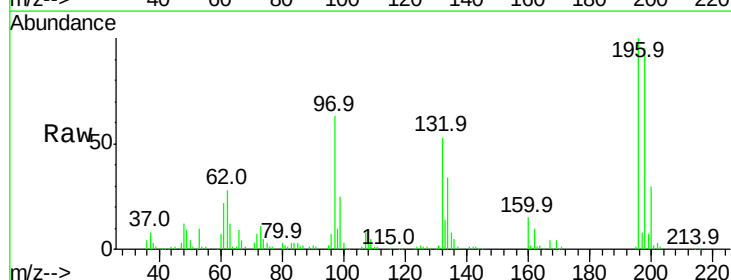
Instrument :  
 BNA\_F  
 ClientSampled :

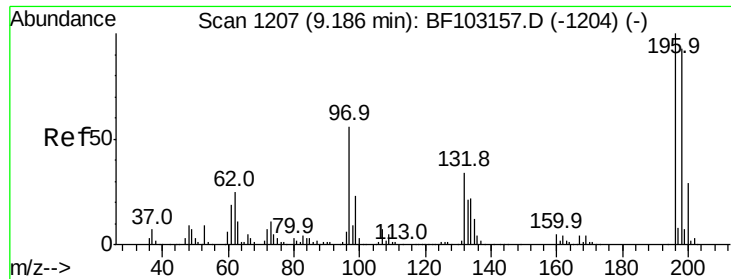
Tot Ion:330 Resp: 214703  
 Ion Ratio Lower Upper  
 330 100  
 332 103.9 77.0 115.6  
 141 44.9 29.9 44.9



#42  
 2,4,6-Trichlorophenol  
 Concen: 36.041 ng  
 RT: 9.15 min Scan# 1200  
 Delta R.T. -0.01 min  
 Lab File: BF103594.D  
 Acq: 12 Mar 2018 20:50

Tgt Ion:196 Resp: 168772  
 Ion Ratio Lower Upper  
 196 100  
 198 94.6 75.7 113.5  
 200 30.1 24.5 36.7

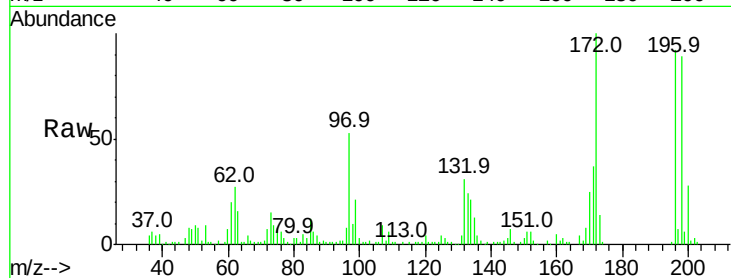




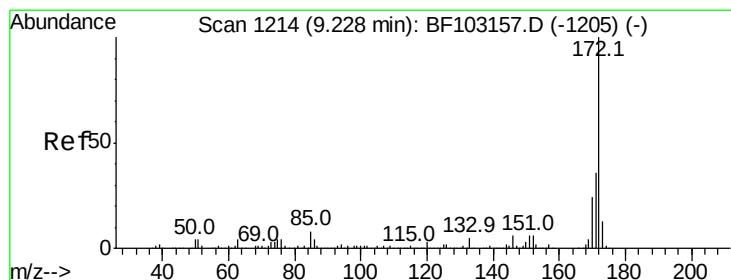
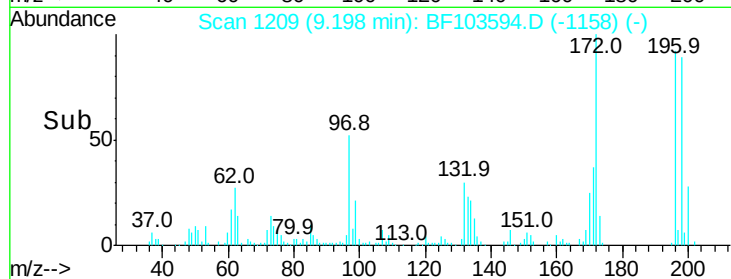
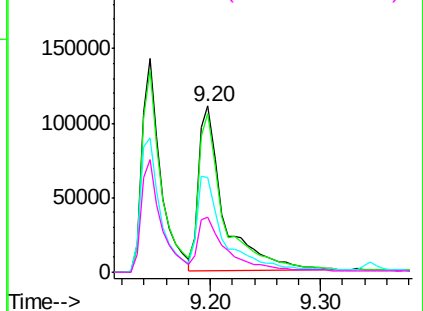
#43  
 2,4,5-Trichlorophenol  
 Concen: 32.264 ng  
 RT: 9.20 min Scan# 1209  
 Delta R.T. 0.00 min  
 Lab File: BF103594.D  
 Acq: 12 Mar 2018 20:50

Instrument :  
 BNA\_F  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 196   | Resp: | 173773 |
| Ion      | Ratio | Lower | Upper  |
| 196      | 100   |       |        |
| 198      | 95.9  | 74.6  | 112.0  |
| 97       | 57.0  | 42.9  | 64.3   |
| 132      | 33.4  | 26.3  | 39.5   |

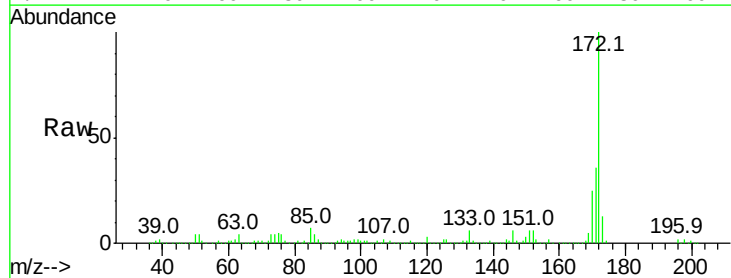


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF1  
 Ion 132.00 (131.70 to 132.70): E

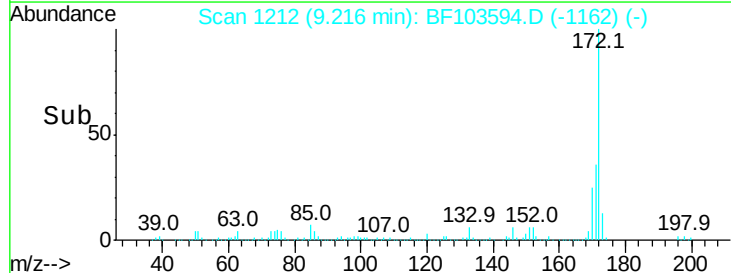
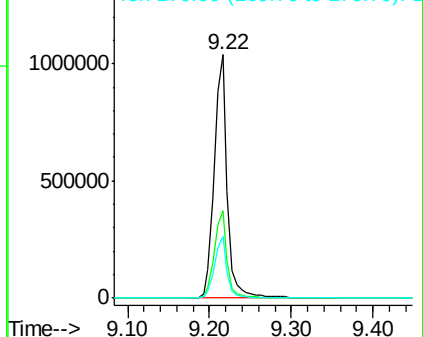


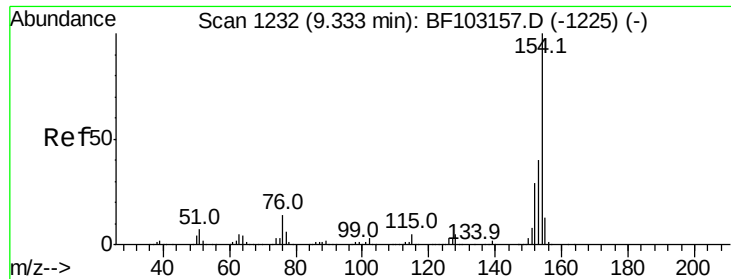
#44  
 2-Fluorobiphenyl  
 Concen: 75.779 ng  
 RT: 9.22 min Scan# 1212  
 Delta R.T. -0.01 min  
 Lab File: BF103594.D  
 Acq: 12 Mar 2018 20:50

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 172   | Resp: | 1149382 |
| Ion      | Ratio | Lower | Upper   |
| 172      | 100   |       |         |
| 171      | 36.1  | 29.7  | 44.5    |
| 170      | 25.2  | 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: 36.858 ng

RT: 9.32 min Scan# 1229

Delta R.T. -0.01 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

Instrument :

BNA\_F

ClientSampled :

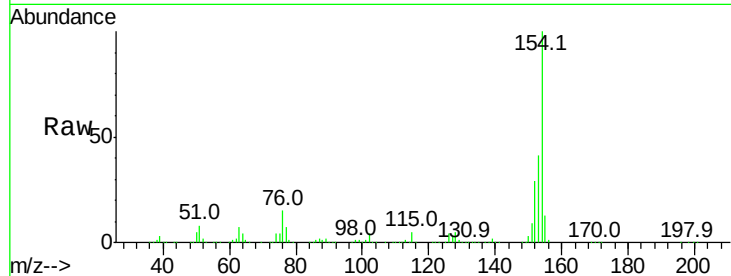
Tot Ion:154 Resp: 786238

Ion Ratio Lower Upper

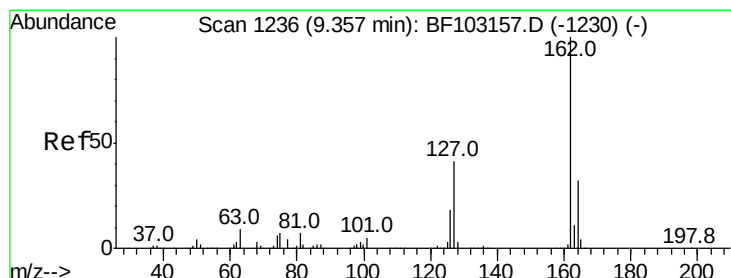
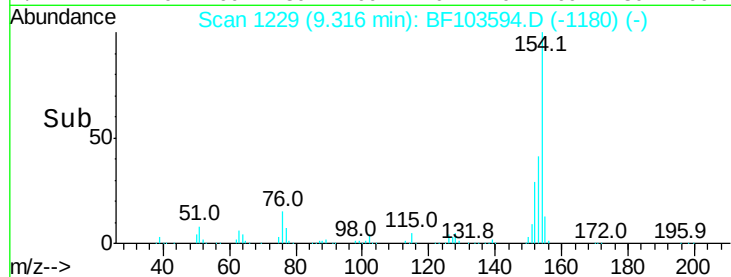
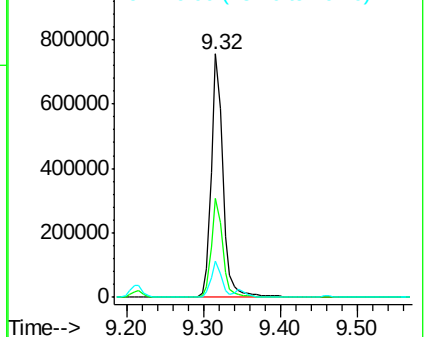
154 100

153 40.7 21.3 61.3

76 15.0 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): BF1



#46

2-Chloronaphthalene

Concen: 37.008 ng

RT: 9.35 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

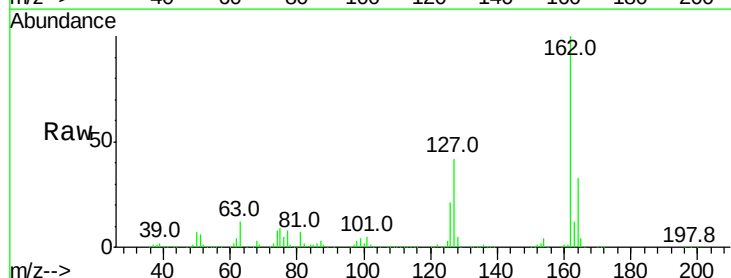
Tgt Ion:162 Resp: 624555

Ion Ratio Lower Upper

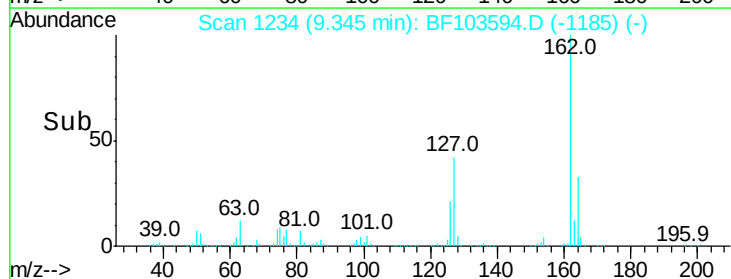
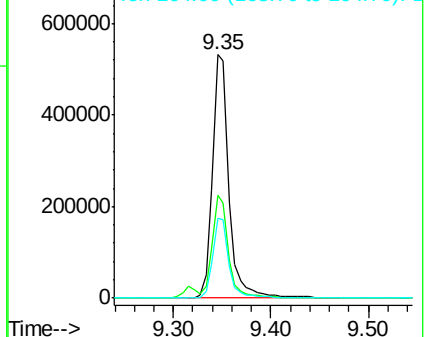
162 100

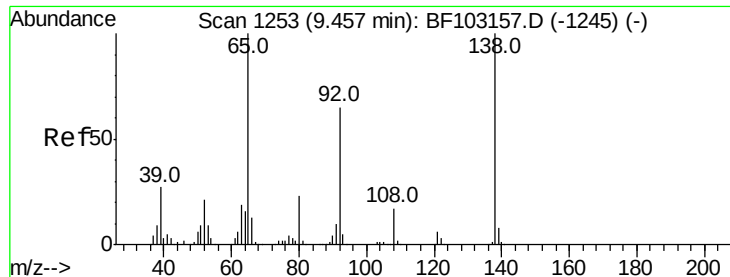
127 42.5 33.9 50.9

164 32.6 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: 40.956 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

Instrument :

BNA\_F

ClientSampled :

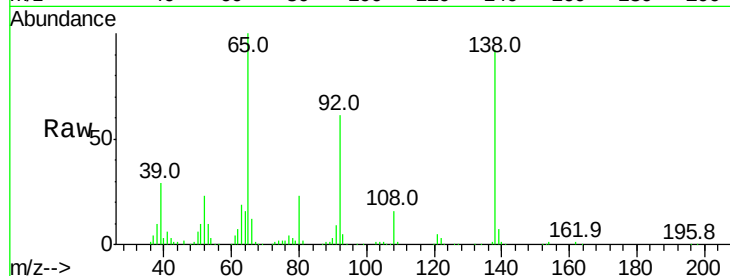
Tot Ion: 65 Resp: 256030

Ion Ratio Lower Upper

65 100

92 61.2 55.8 83.6

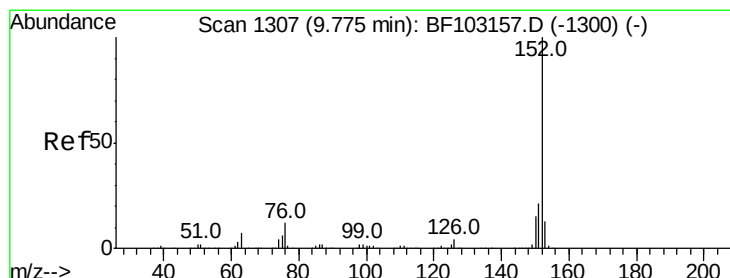
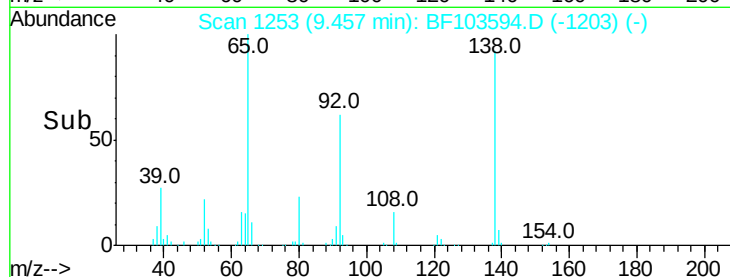
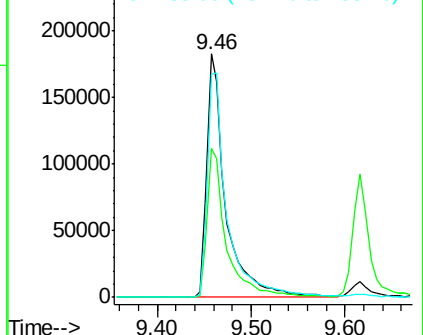
138 91.7 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 35.676 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

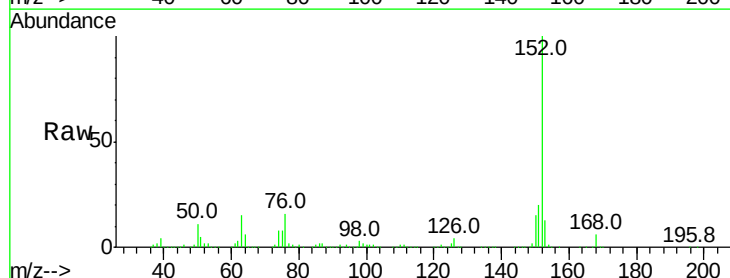
Tgt Ion: 152 Resp: 926348

Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

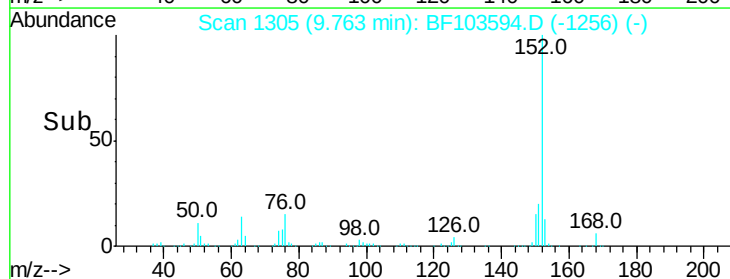
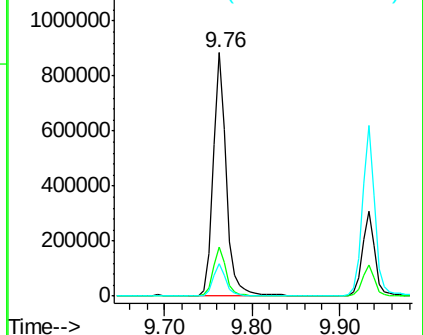
153 13.3 10.7 16.1

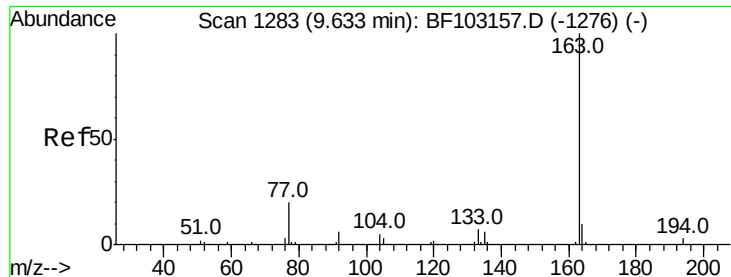


Abundance Ion 152.00 (151.70 to 152.70): BF1

Ion 151.00 (150.70 to 151.70): BF1

Ion 153.00 (152.70 to 153.70): BF1





#49

Dimethylphthalate

Concen: 35.284 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

Instrument :

BNA\_F

ClientSampleId :

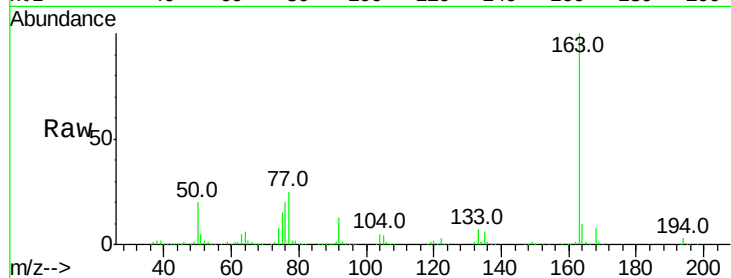
Tot Ion:163 Resp: 720578

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

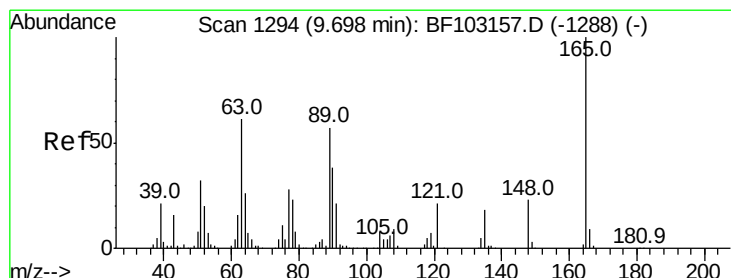
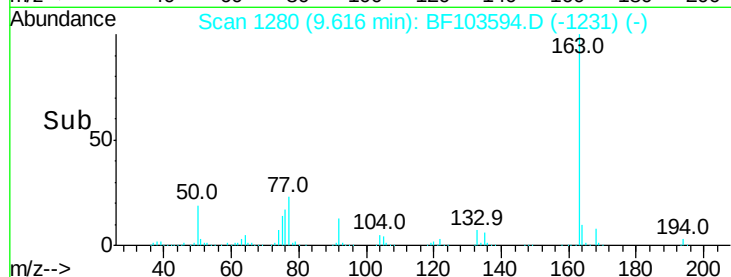
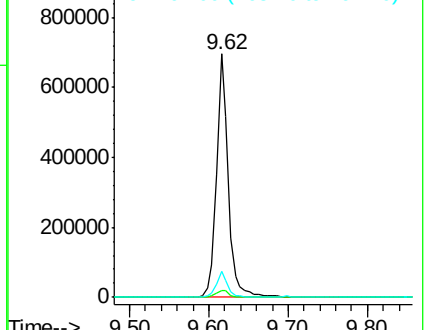
164 10.4 8.2 12.2



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: 36.846 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

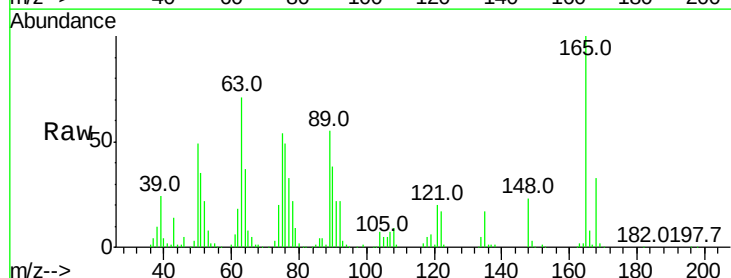
Tgt Ion:165 Resp: 157910

Ion Ratio Lower Upper

165 100

63 70.6 44.7 67.1#

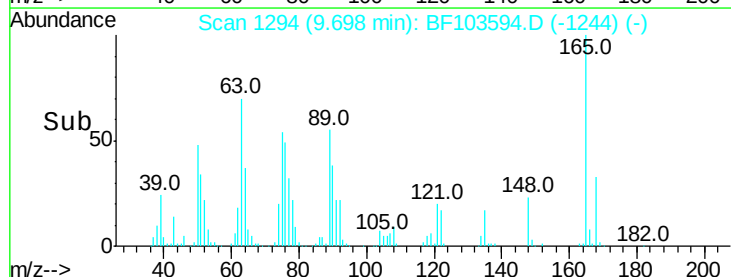
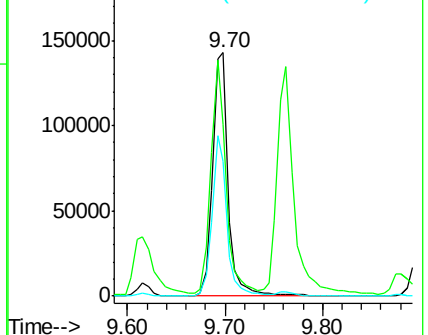
89 55.4 44.0 66.0

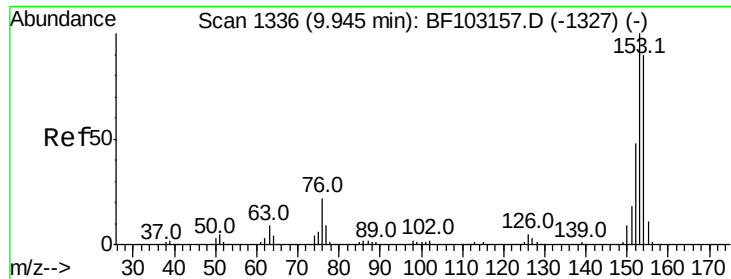


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 36.268 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

Instrument :

BNA\_F

ClientSampleId :

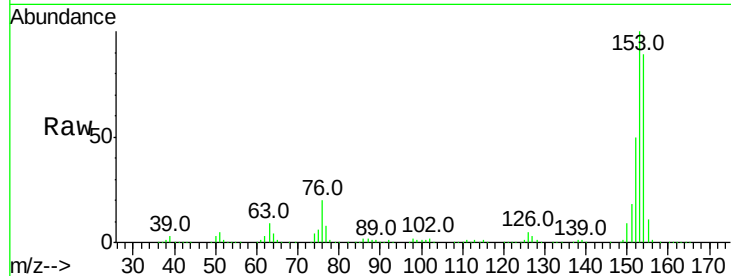
Tot Ion:154 Resp: 549138

Ion Ratio Lower Upper

154 100

153 112.7 91.2 136.8

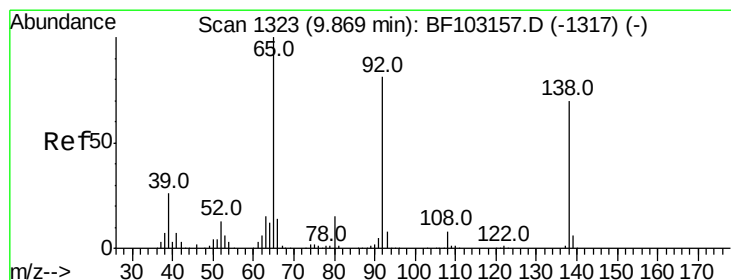
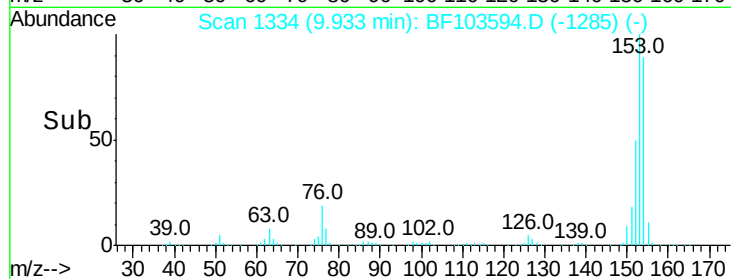
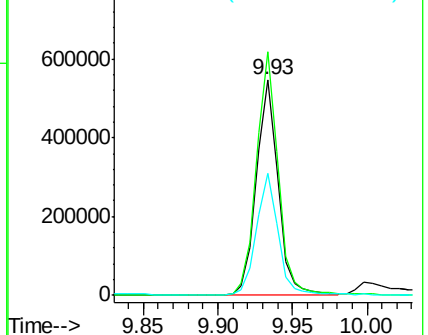
152 56.5 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.736 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

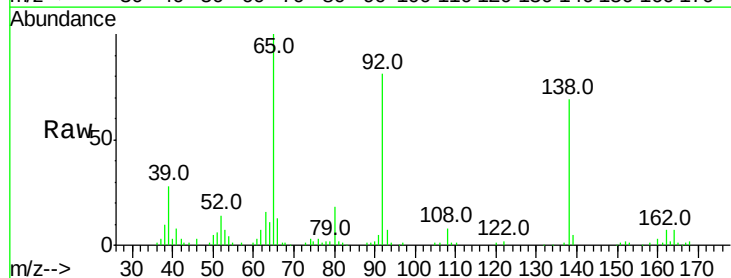
Tgt Ion:138 Resp: 96433

Ion Ratio Lower Upper

138 100

108 11.4 9.4 14.0

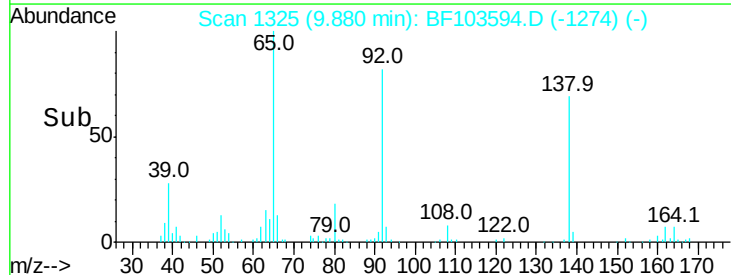
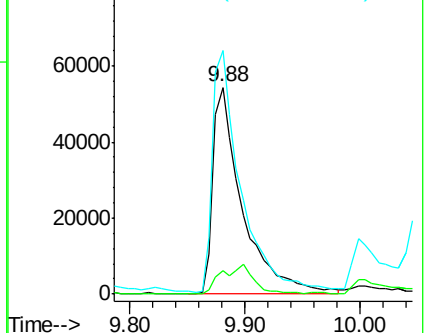
92 117.8 89.4 134.2

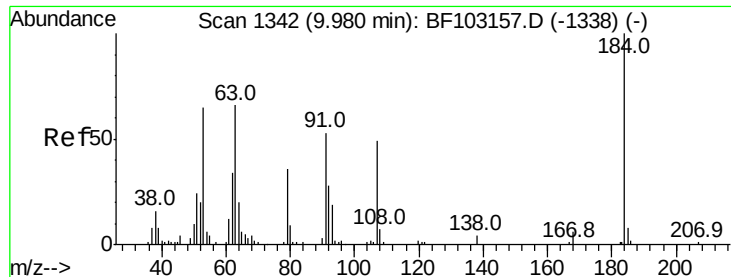


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

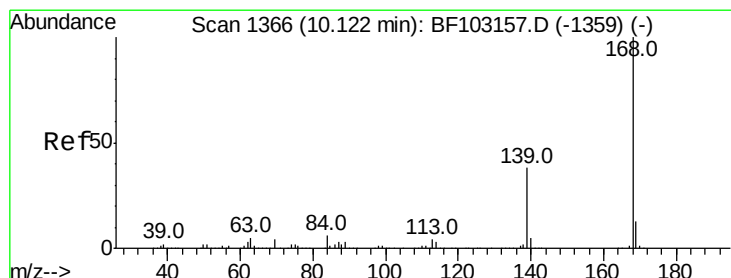
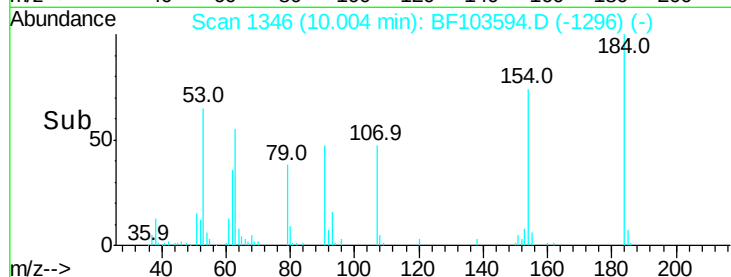
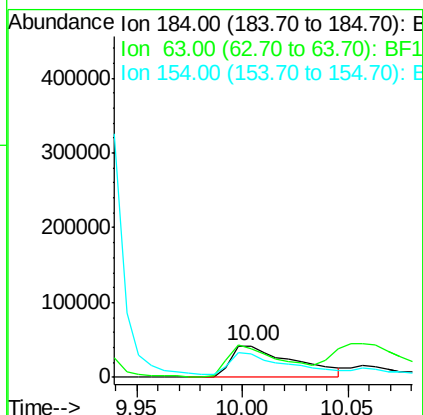
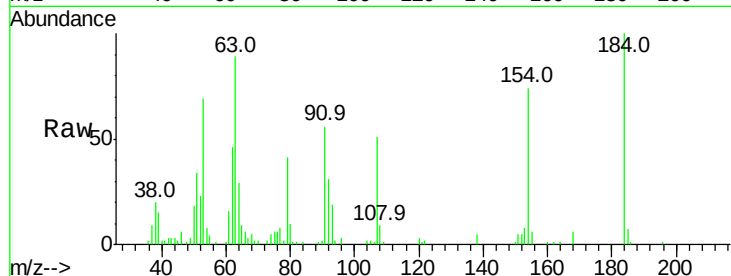




#53  
2,4-Dinitrophenol  
Concen: 58.953 ng  
RT: 10.00 min Scan# 1346  
Delta R.T. -0.01 min  
Lab File: BF103594.D  
Acq: 12 Mar 2018 20:50

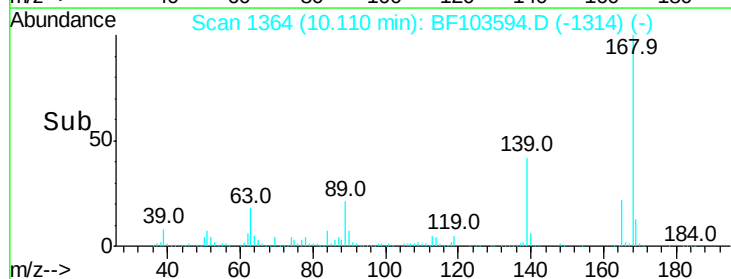
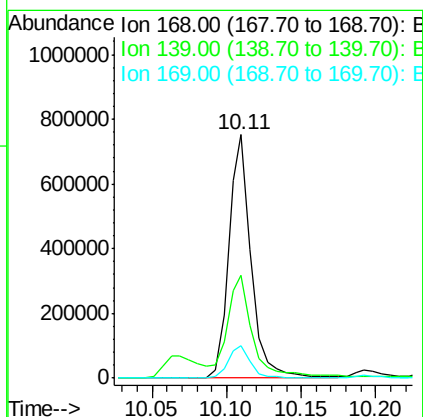
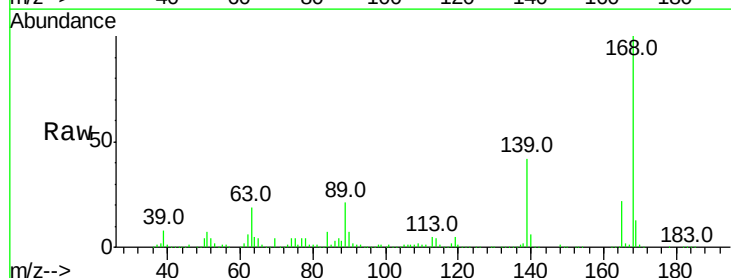
Instrument :  
BNA\_F  
ClientSampled :

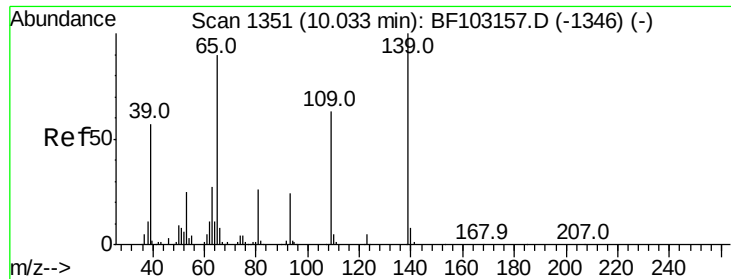
Tot Ion:184 Resp: 86807  
Ion Ratio Lower Upper  
184 100  
63 89.4 54.2 81.2#  
154 74.1 184.0 276.0#



#54  
Dibenzofuran  
Concen: 37.940 ng  
RT: 10.11 min Scan# 1364  
Delta R.T. -0.01 min  
Lab File: BF103594.D  
Acq: 12 Mar 2018 20:50

Tgt Ion:168 Resp: 788576  
Ion Ratio Lower Upper  
168 100  
139 42.0 30.1 45.1  
169 13.3 10.9 16.3

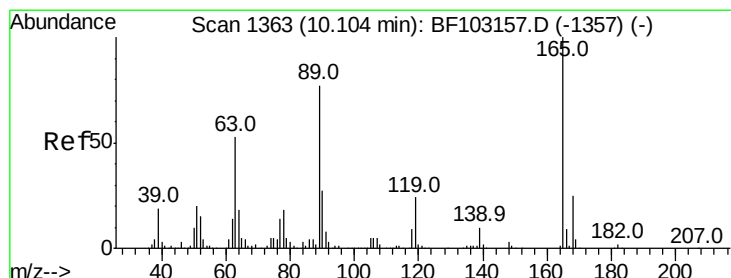
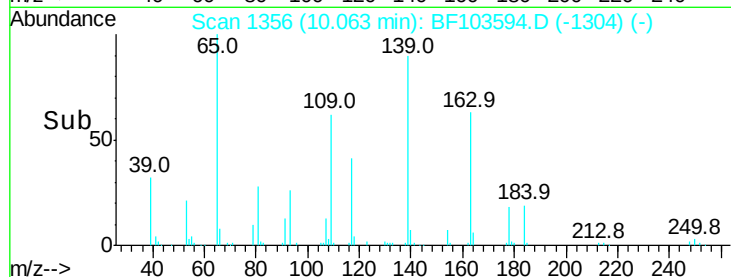
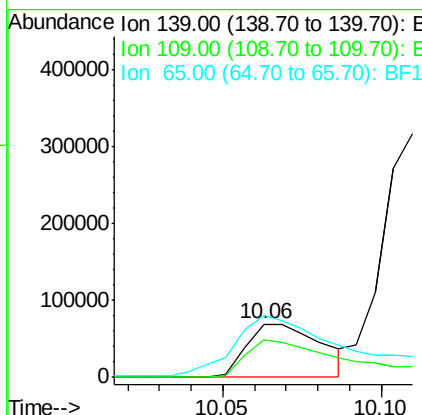
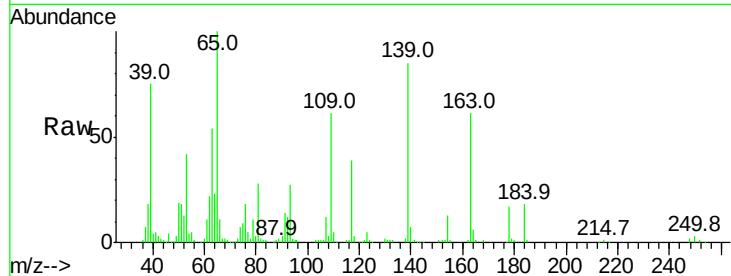




#55  
4-Nitrophenol  
Concen: 33.348 ng  
RT: 10.06 min Scan# 1356  
Delta R.T. 0.01 min  
Lab File: BF103594.D  
Acq: 12 Mar 2018 20:50

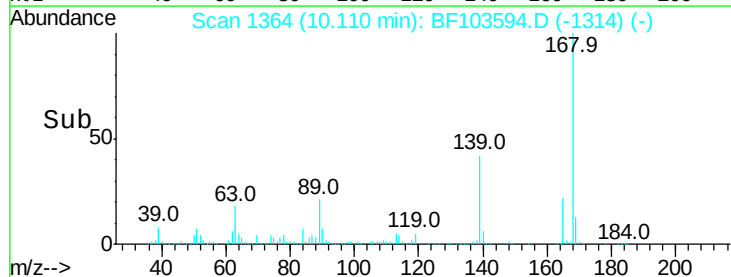
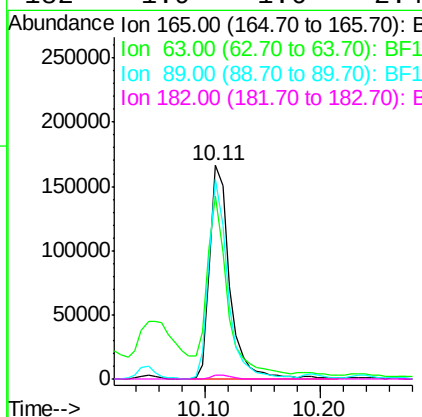
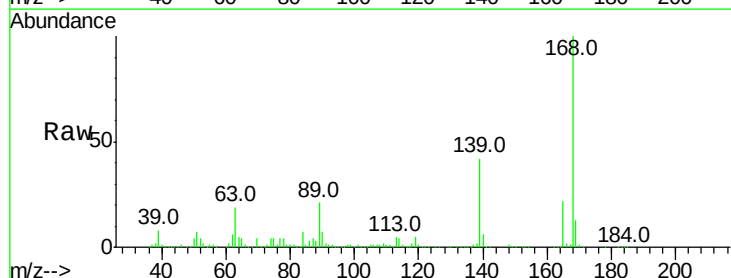
Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:139 Resp: 112377  
Ion Ratio Lower Upper  
139 100  
109 71.6 48.4 88.4  
65 117.4 72.6 112.6#

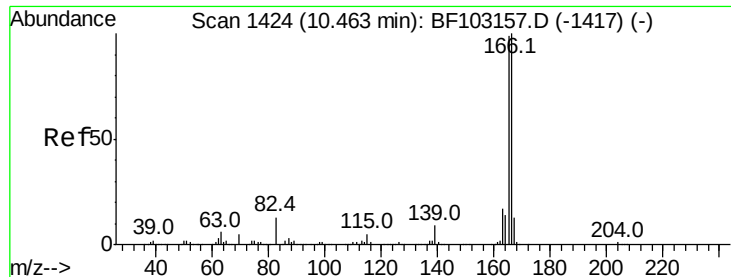


#56  
2,4-Dinitrotoluene  
Concen: 37.443 ng  
RT: 10.11 min Scan# 1364  
Delta R.T. -0.01 min  
Lab File: BF103594.D  
Acq: 12 Mar 2018 20:50

Tgt Ion:165 Resp: 202947  
Ion Ratio Lower Upper  
165 100  
63 85.4 36.4 54.6#  
89 93.3 57.8 86.6#  
182 1.9 1.6 2.4



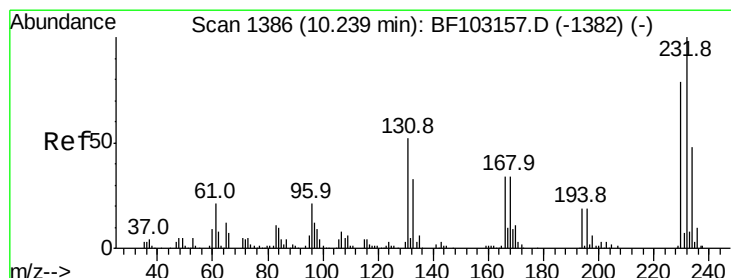
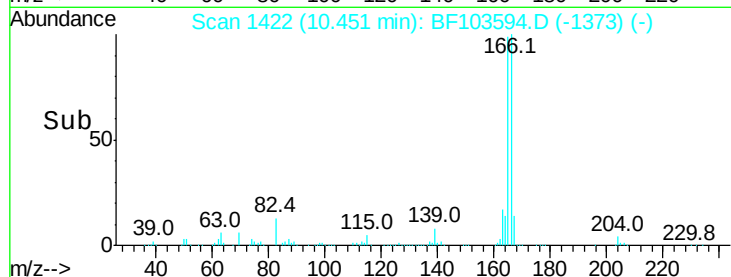
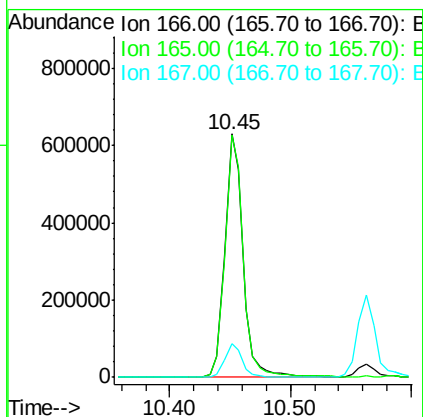
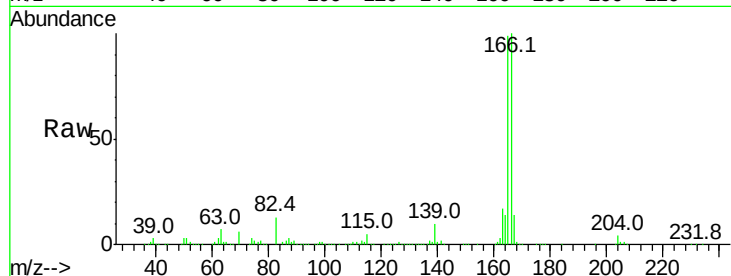




#57  
 Fluorene  
 Concen: 36.984 ng  
 RT: 10.45 min Scan# 1422  
 Delta R.T. -0.01 min  
 Lab File: BF103594.D  
 Acq: 12 Mar 2018 20:50

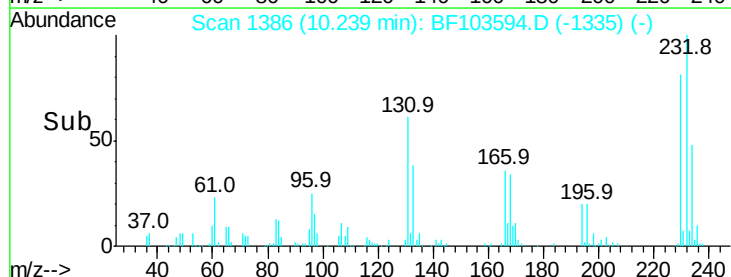
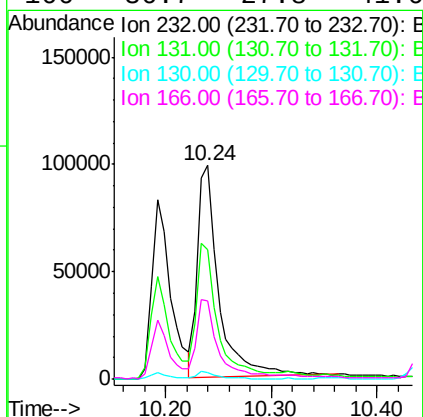
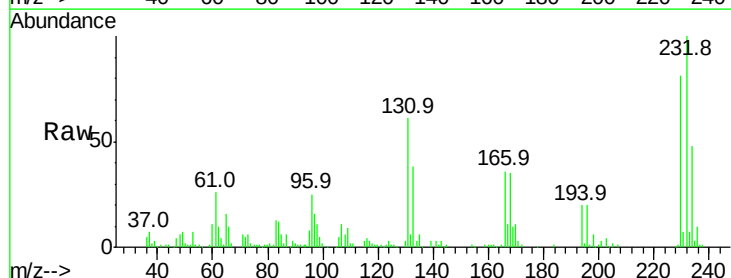
Instrument :  
 BNA\_F  
 ClientSampleId :

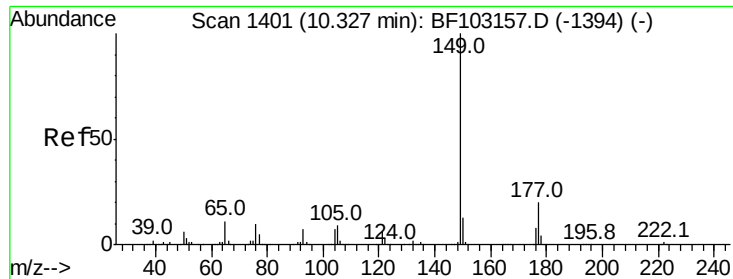
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 99.5  | 79.8  | 119.8 |
| 167     | 13.9  | 10.6  | 16.0  |



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 38.096 ng  
 RT: 10.24 min Scan# 1386  
 Delta R.T. 0.00 min  
 Lab File: BF103594.D  
 Acq: 12 Mar 2018 20:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 57.0  | 43.8  | 65.8  |
| 130     | 3.1   | 2.1   | 3.1   |
| 166     | 36.7  | 27.8  | 41.6  |





#59

Diethylphthalate

Concen: 37.717 ng

RT: 10.32 min Scan# 1399

Delta R.T. -0.01 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

Instrument :

BNA\_F

ClientSampled :

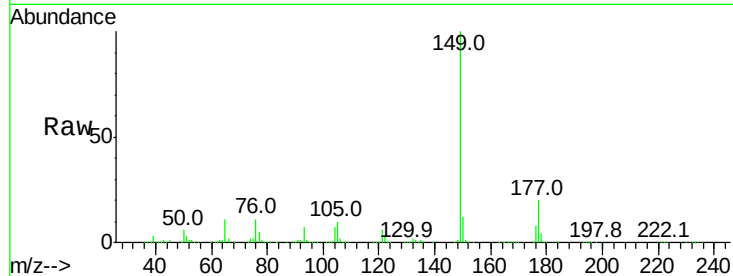
Tot Ion:149 Resp: 736693

Ion Ratio Lower Upper

149 100

177 20.1 16.1 24.1

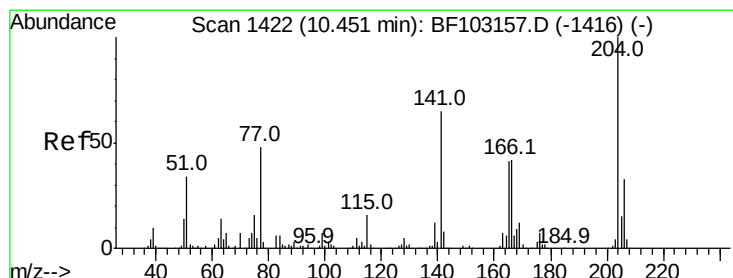
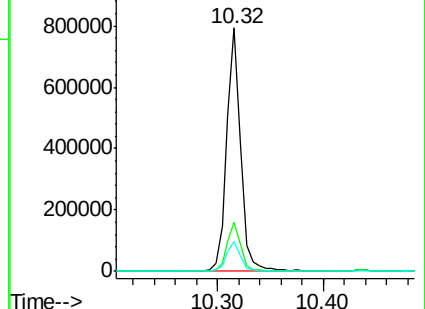
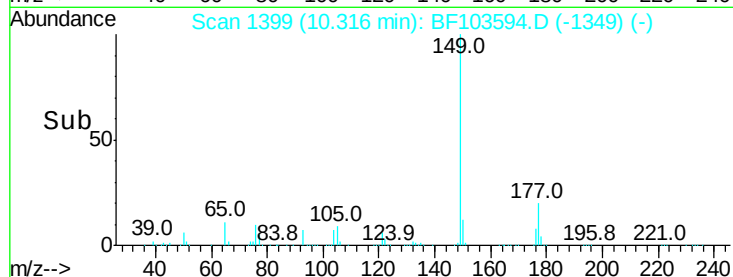
150 12.4 10.1 15.1



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: 38.746 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

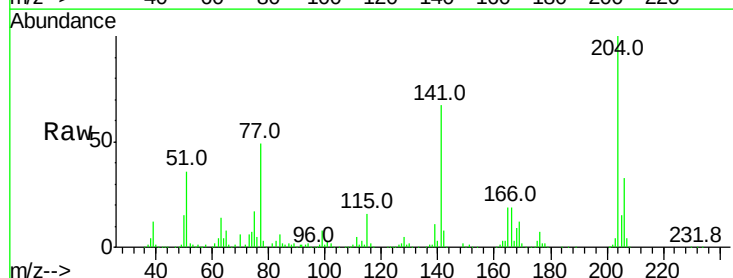
Tgt Ion:204 Resp: 290922

Ion Ratio Lower Upper

204 100

206 33.2 26.5 39.7

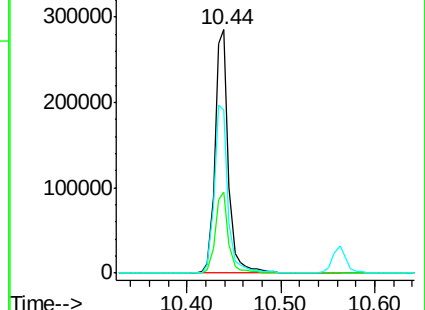
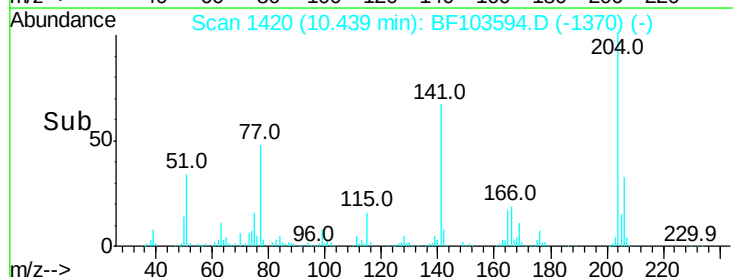
141 67.2 54.6 81.8

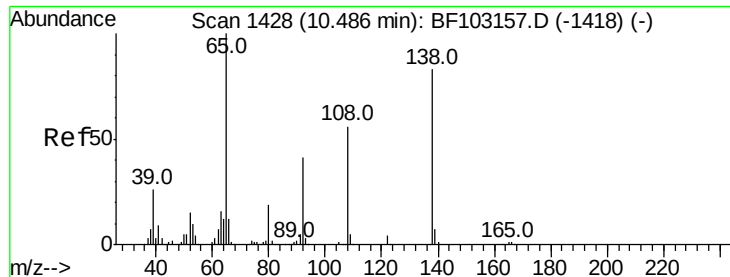


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

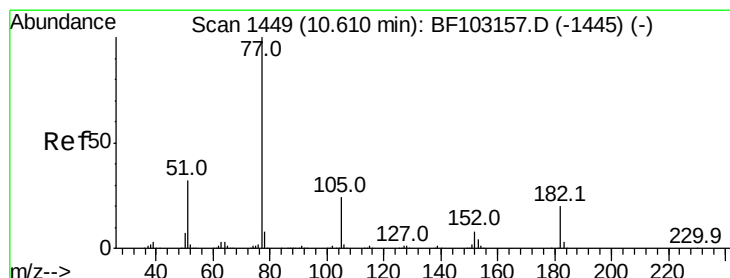
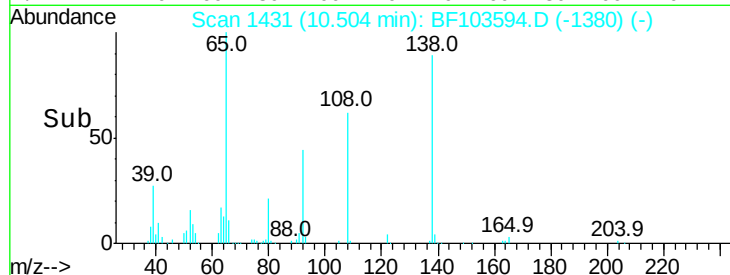
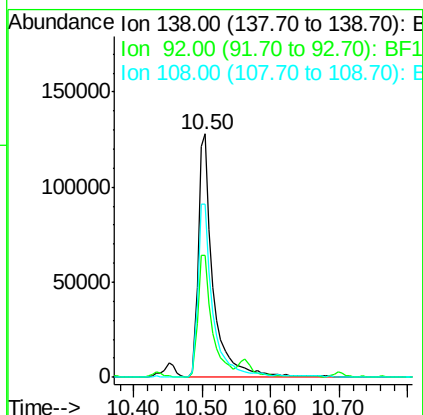
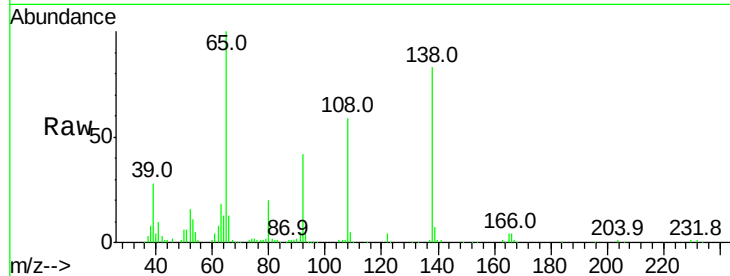




#61  
4-Nitroaniline  
Concen: 36.012 ng  
RT: 10.50 min Scan# 1431  
Delta R.T. 0.00 min  
Lab File: BF103594.D  
Acq: 12 Mar 2018 20:50

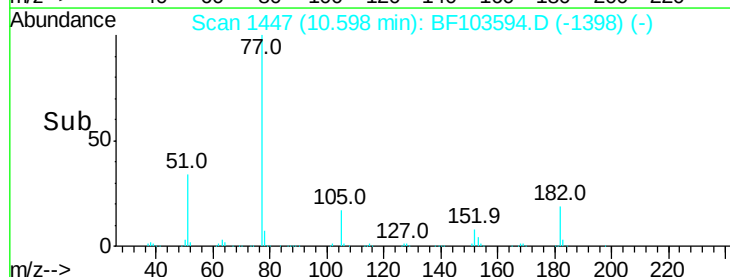
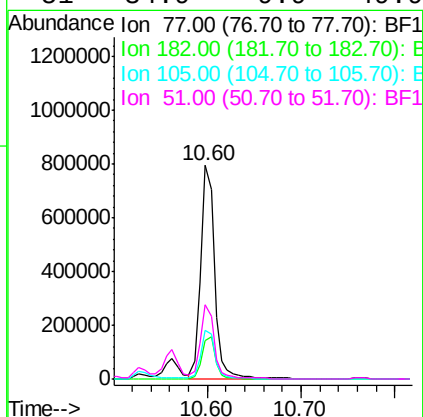
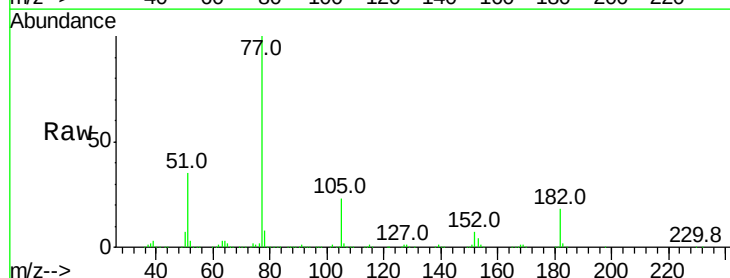
Instrument :  
BNA\_F  
ClientSampleId :

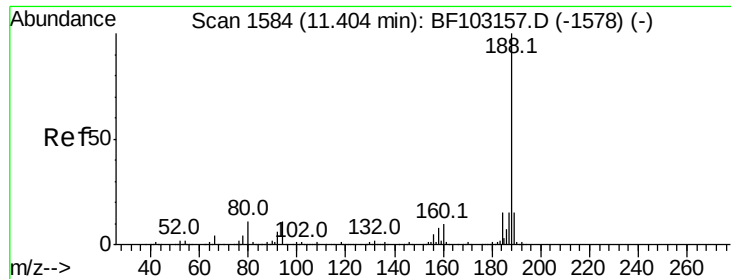
Tot Ion:138 Resp: 195574  
Ion Ratio Lower Upper  
138 100  
92 50.3 30.2 70.2  
108 71.0 52.5 92.5



#62  
Azobenzene  
Concen: 41.131 ng  
RT: 10.60 min Scan# 1447  
Delta R.T. -0.01 min  
Lab File: BF103594.D  
Acq: 12 Mar 2018 20:50

Tgt Ion: 77 Resp: 817747  
Ion Ratio Lower Upper  
77 100  
182 18.0 1.7 41.7  
105 22.9 3.0 43.0  
51 34.9 9.9 49.9

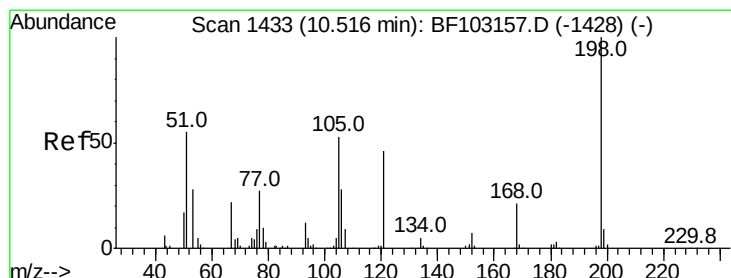
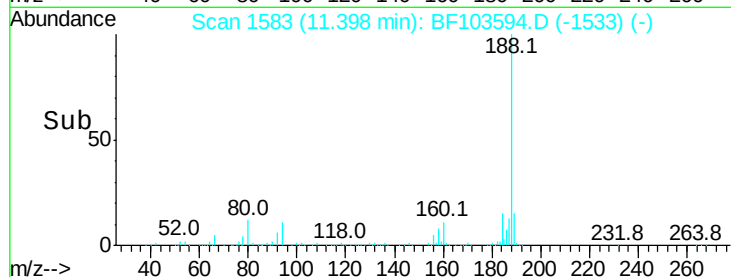
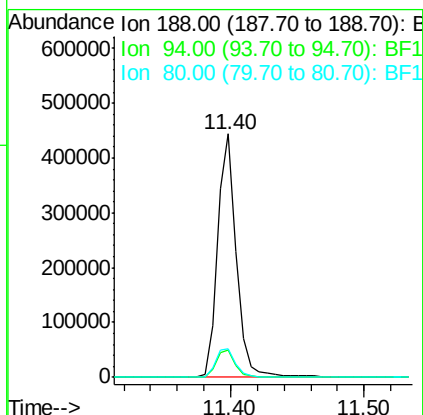
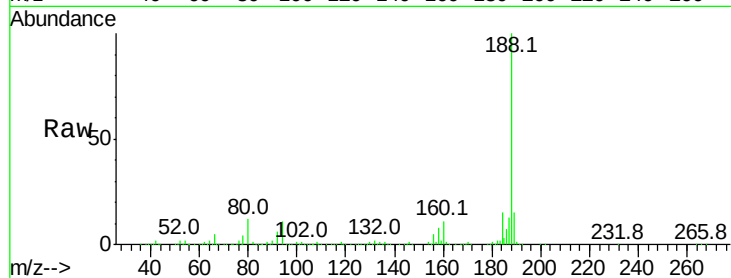




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.40 min Scan# 1583  
Delta R.T. -0.01 min  
Lab File: BF103594.D  
Acq: 12 Mar 2018 20:50

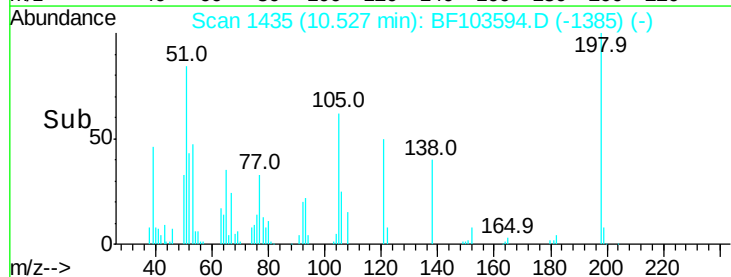
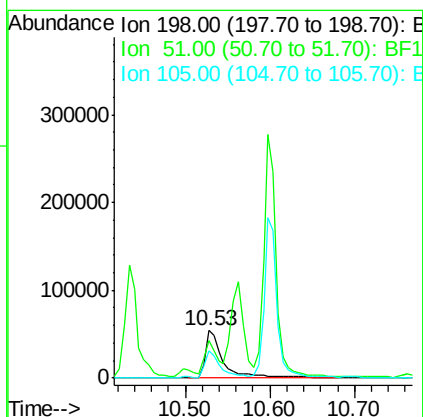
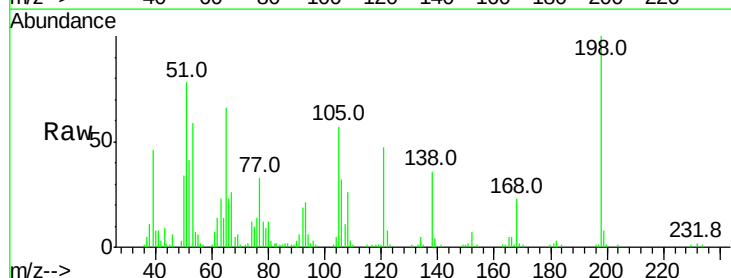
Instrument :  
BNA\_F  
ClientSampled :

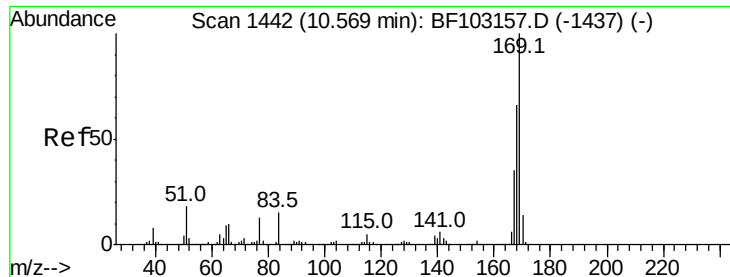
Tot Ion:188 Resp: 442680  
Ion Ratio Lower Upper  
188 100  
94 11.0 8.5 12.7  
80 11.9 9.2 13.8



#64  
4,6-Dinitro-2-methylphenol  
Concen: 31.875 ng  
RT: 10.53 min Scan# 1435  
Delta R.T. -0.01 min  
Lab File: BF103594.D  
Acq: 12 Mar 2018 20:50

Tgt Ion:198 Resp: 80867  
Ion Ratio Lower Upper  
198 100  
51 77.7 37.7 77.7#  
105 56.5 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 37.800 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

Instrument :

BNA\_F

ClientSampleId :

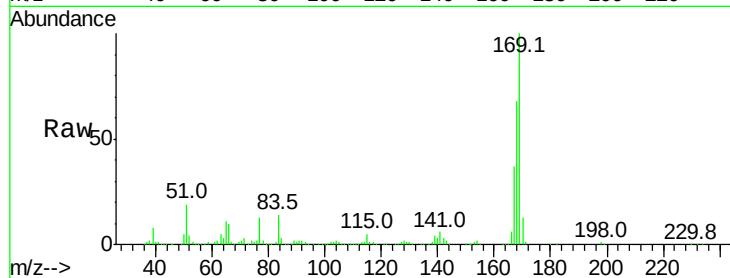
Tot Ion:169 Resp: 582624

Ion Ratio Lower Upper

169 100

168 67.8 54.4 81.6

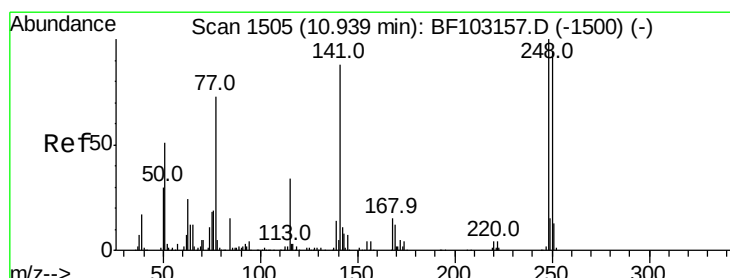
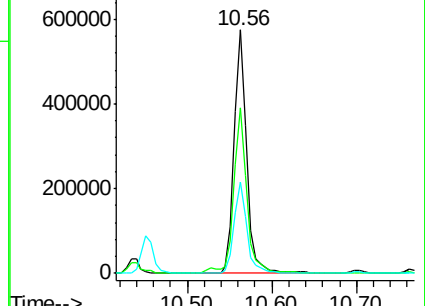
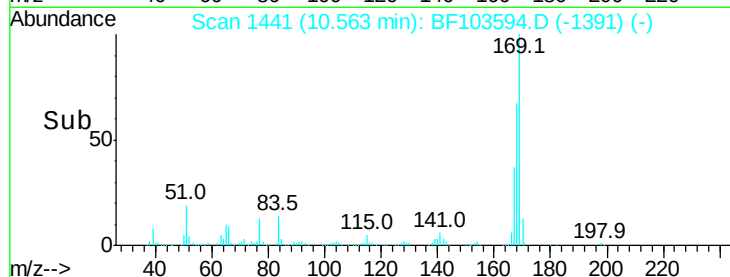
167 37.3 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 36.921 ng

RT: 10.93 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

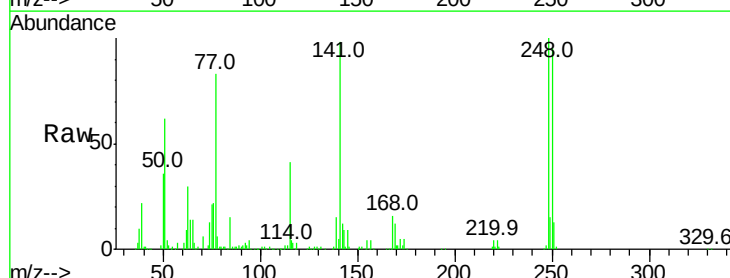
Tgt Ion:248 Resp: 170256

Ion Ratio Lower Upper

248 100

250 94.6 76.9 115.3

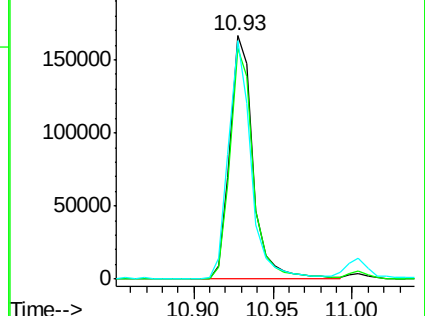
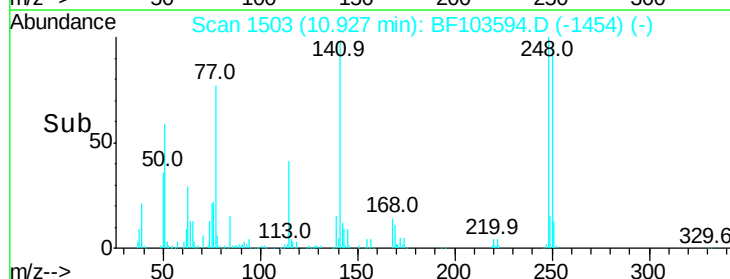
141 97.7 74.4 111.6

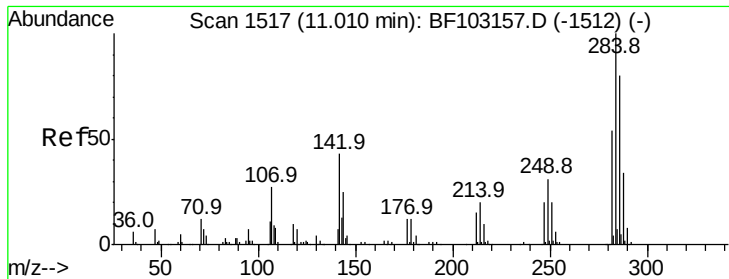


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 35.176 ng

RT: 11.00 min Scan# 1516

Delta R.T. -0.01 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

Instrument :

BNA\_F

ClientSampleId :

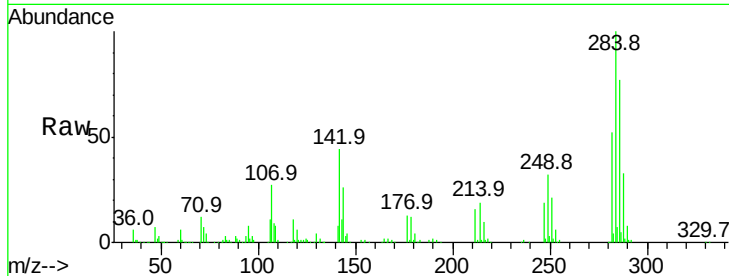
Tot Ion:284 Resp: 176065

Ion Ratio Lower Upper

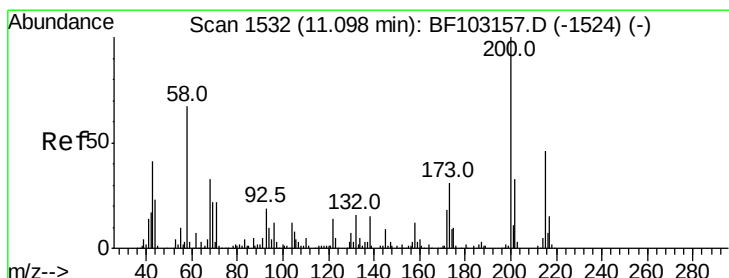
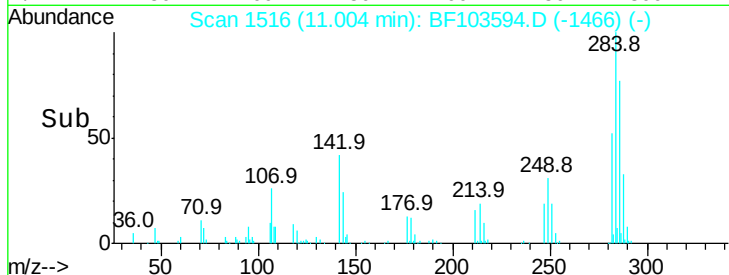
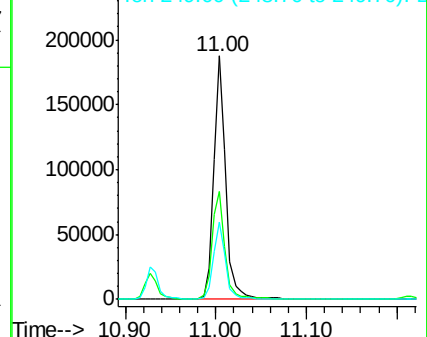
284 100

142 44.4 34.6 52.0

249 31.6 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: 38.584 ng

RT: 11.09 min Scan# 1531

Delta R.T. 0.00 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

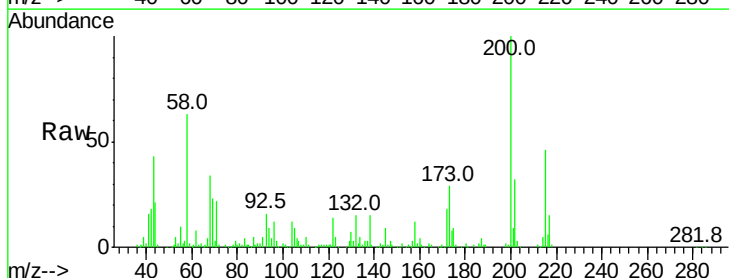
Tgt Ion:200 Resp: 178754

Ion Ratio Lower Upper

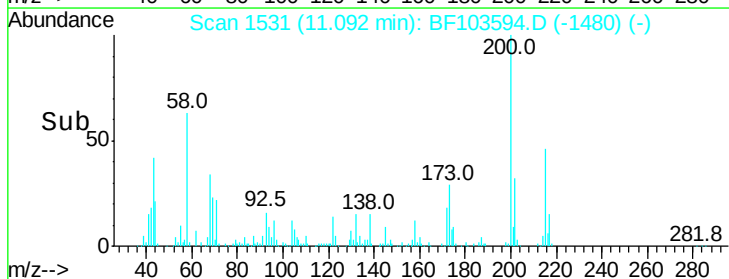
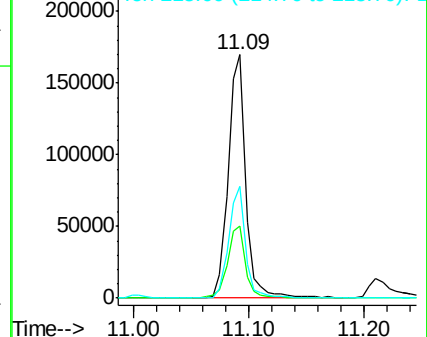
200 100

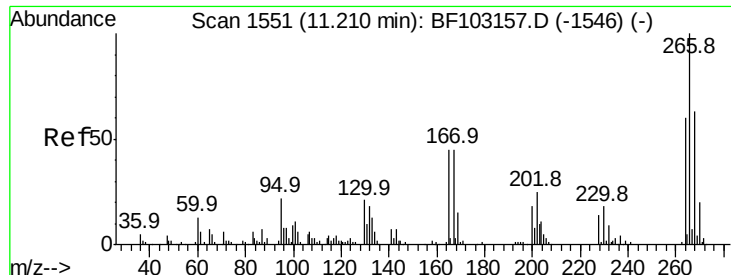
173 29.5 8.6 48.6

215 45.7 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

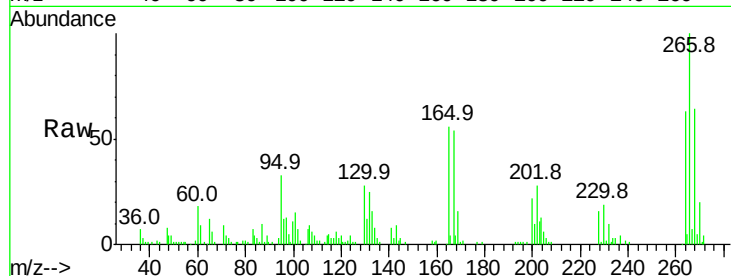




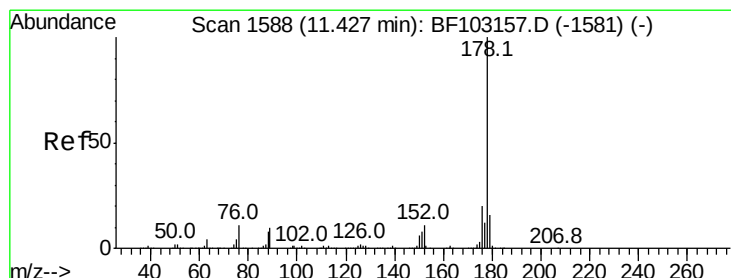
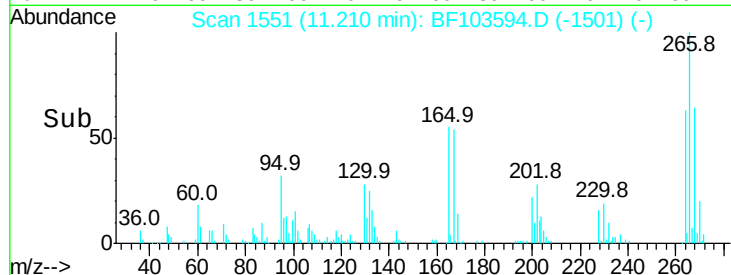
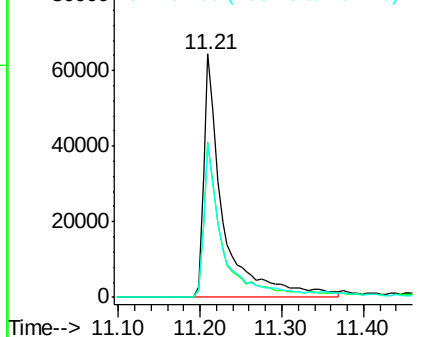
#69  
 Pentachlorophenol  
 Concen: 44.341 ng  
 RT: 11.21 min Scan# 1551  
 Delta R.T. -0.01 min  
 Lab File: BF103594.D  
 Acq: 12 Mar 2018 20:50

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:266 Resp: 107310  
 Ion Ratio Lower Upper  
 266 100  
 268 64.0 51.1 76.7  
 264 63.4 49.5 74.3

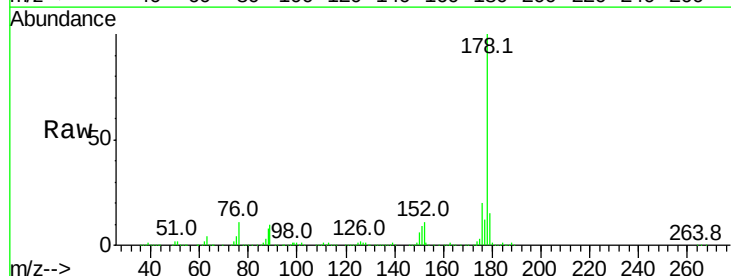


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

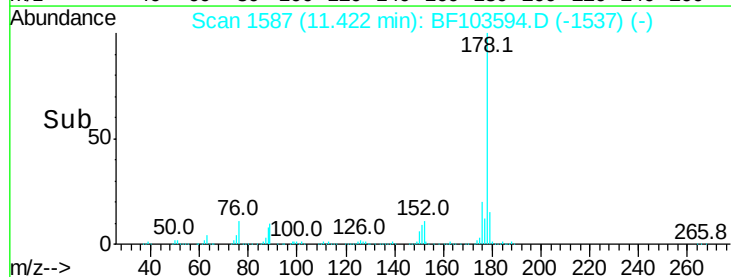
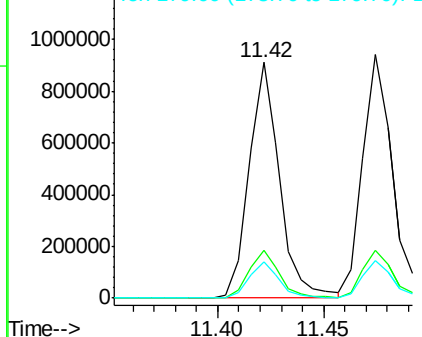


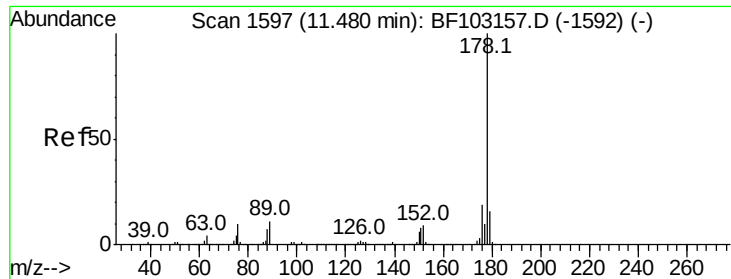
#70  
 Phenanthrene  
 Concen: 37.446 ng  
 RT: 11.42 min Scan# 1587  
 Delta R.T. -0.01 min  
 Lab File: BF103594.D  
 Acq: 12 Mar 2018 20:50

Tgt Ion:178 Resp: 912273  
 Ion Ratio Lower Upper  
 178 100  
 176 20.2 15.8 23.8  
 179 15.2 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: 39.330 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

Instrument :

BNA\_F

ClientSampleId :

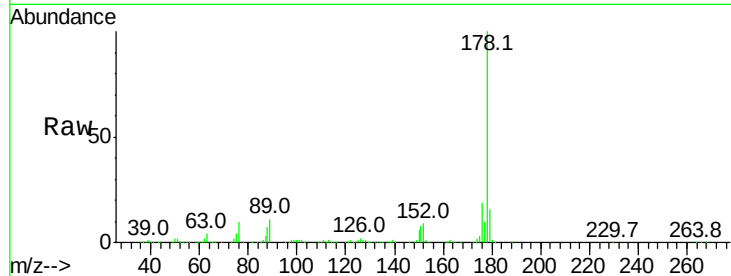
Tot Ion:178 Resp: 982519

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

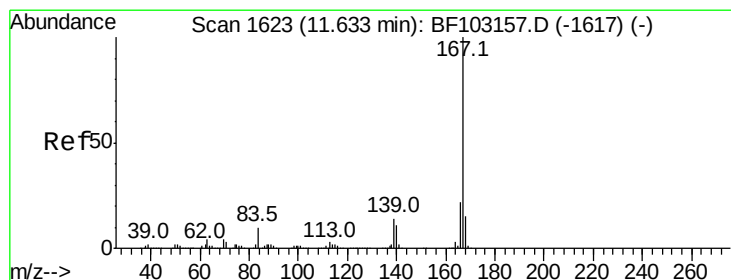
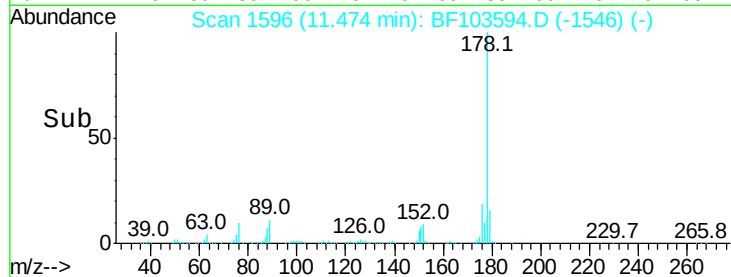
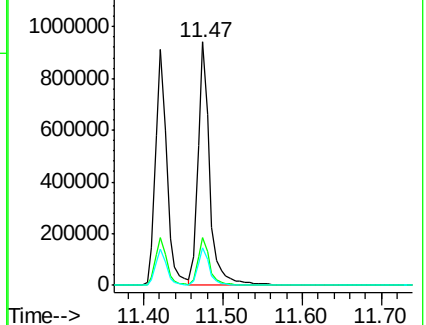
179 15.6 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.432 ng

RT: 11.64 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

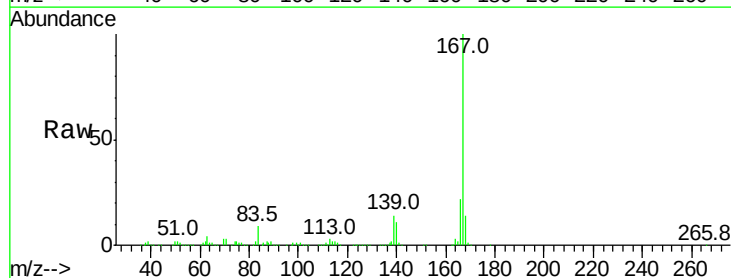
Tgt Ion:167 Resp: 980986

Ion Ratio Lower Upper

167 100

166 21.9 17.6 26.4

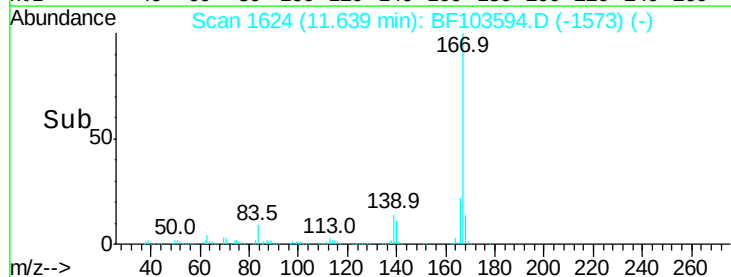
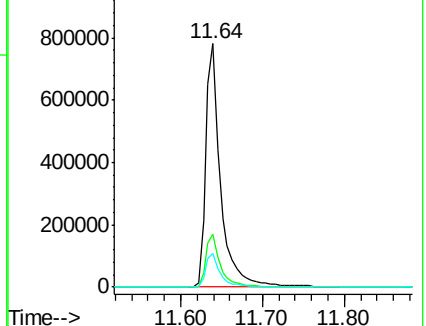
139 13.8 10.9 16.3



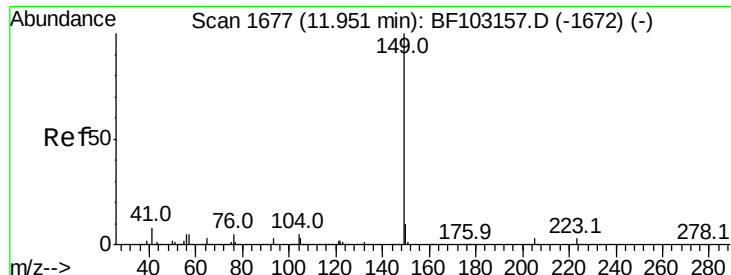
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



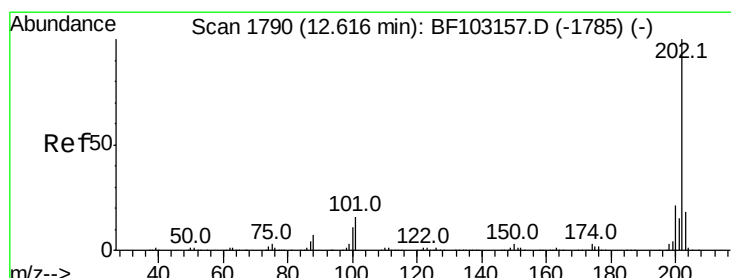
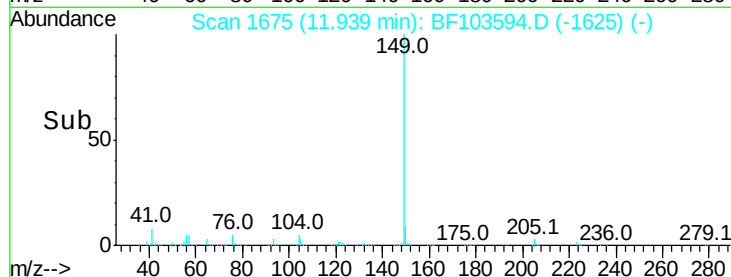
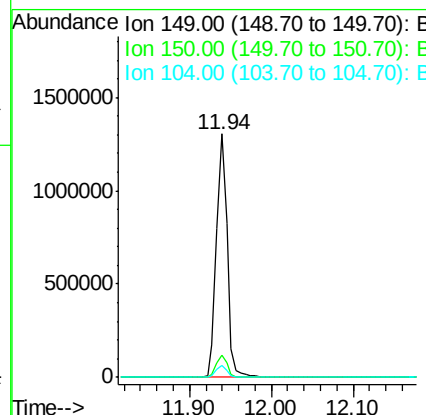
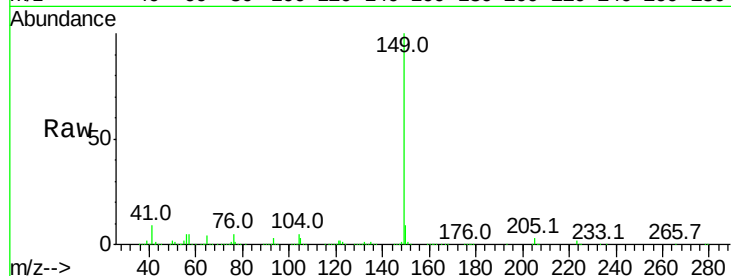




#73  
Di-n-butylphthalate  
Concen: 38.456 ng  
RT: 11.94 min Scan# 1675  
Delta R.T. -0.01 min  
Lab File: BF103594.D  
Acq: 12 Mar 2018 20:50

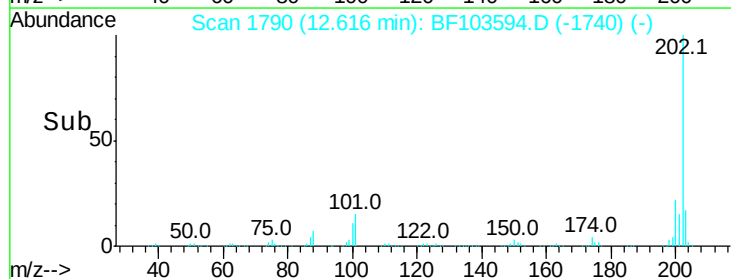
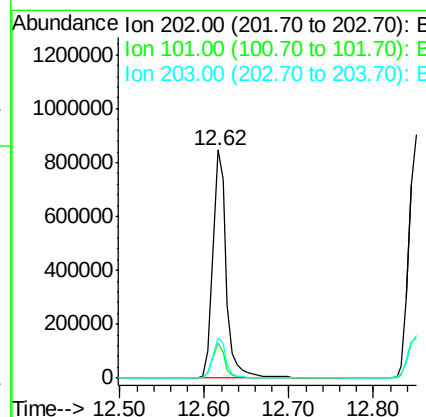
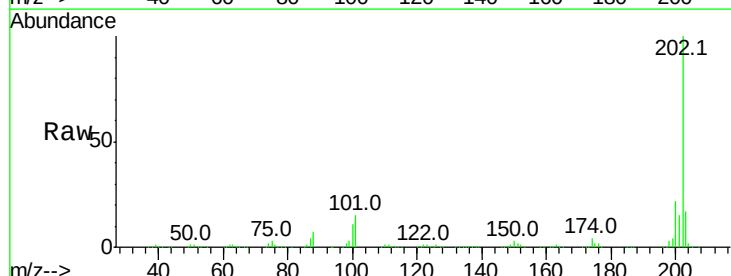
Instrument :  
BNA\_F  
ClientSampleId :

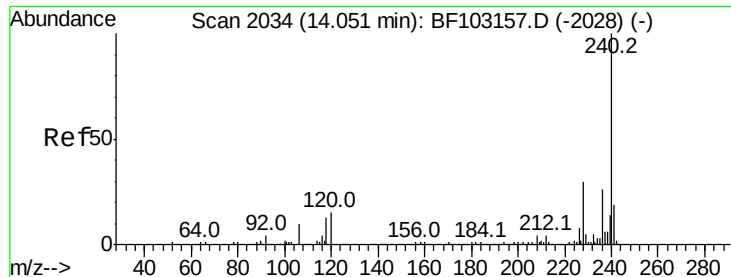
Tot Ion:149 Resp: 1197109  
Ion Ratio Lower Upper  
149 100  
150 9.2 7.8 11.6  
104 5.1 3.8 5.8



#74  
Fluoranthene  
Concen: 38.793 ng  
RT: 12.62 min Scan# 1790  
Delta R.T. -0.01 min  
Lab File: BF103594.D  
Acq: 12 Mar 2018 20:50

Tgt Ion:202 Resp: 949710  
Ion Ratio Lower Upper  
202 100  
101 15.5 0.0 34.1  
203 17.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

Instrument :

BNA\_F

ClientSampleId :

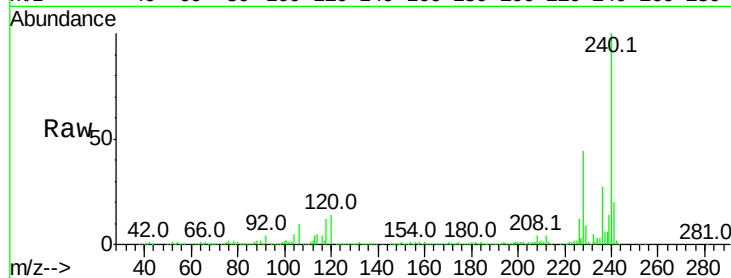
Tot Ion:240 Resp: 321113

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

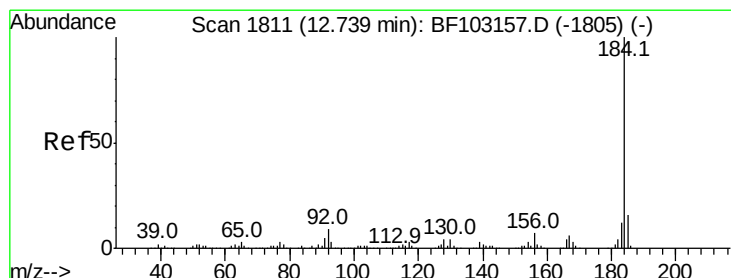
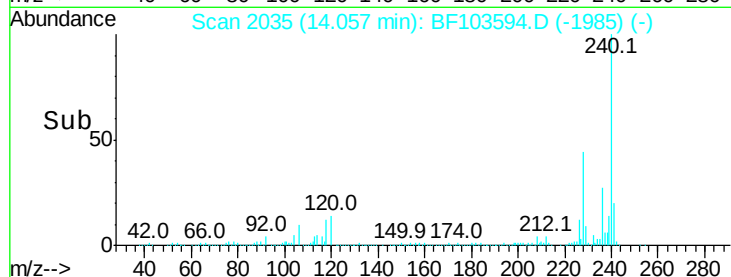
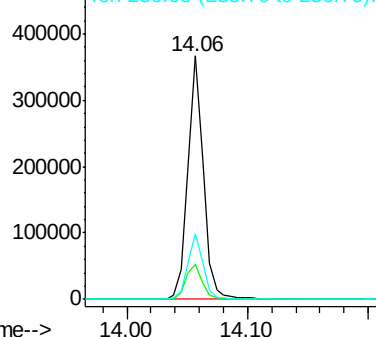
236 27.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 30.020 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

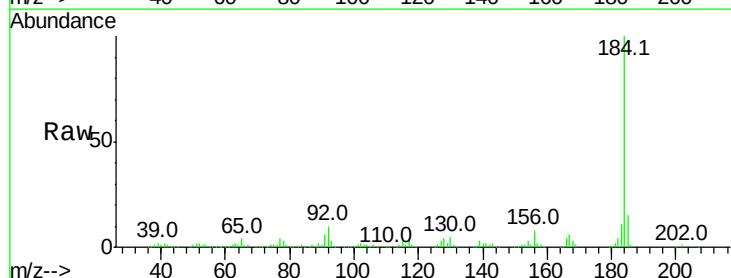
Tgt Ion:184 Resp: 360389

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

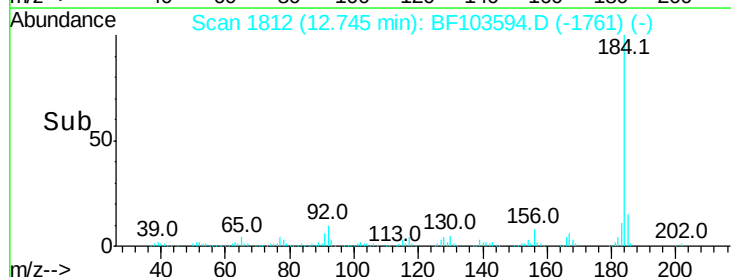
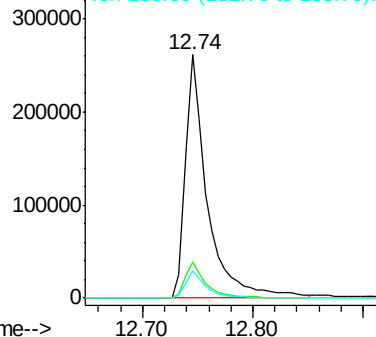
183 11.2 9.3 13.9

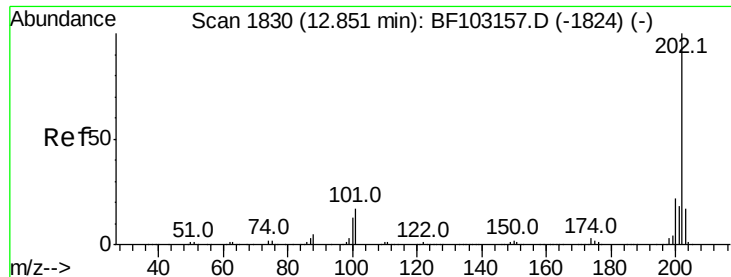


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

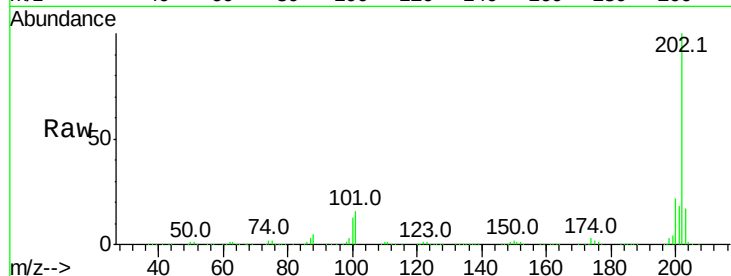




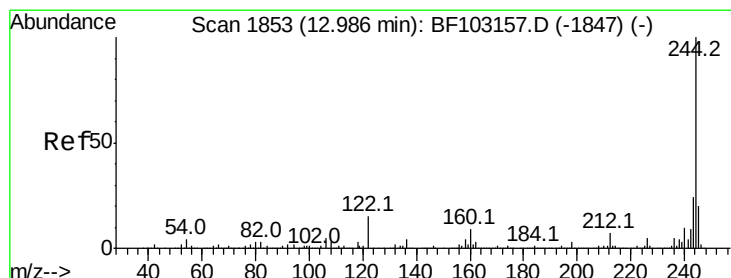
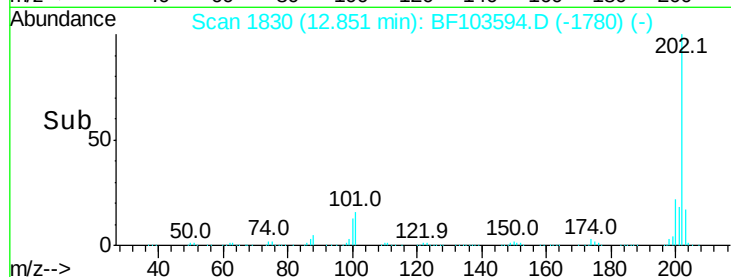
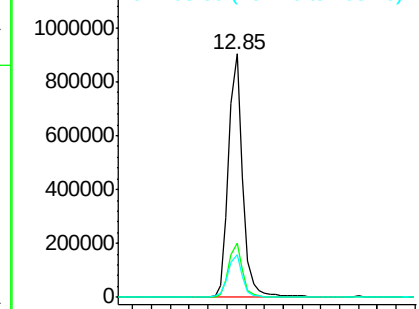
#77  
Pvrene  
Concen: 37.940 ng  
RT: 12.85 min Scan# 1830  
Delta R.T. -0.01 min  
Lab File: BF103594.D  
Acq: 12 Mar 2018 20:50

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 22.1  | 17.4  | 26.2  |
| 203     | 17.5  | 14.3  | 21.5  |

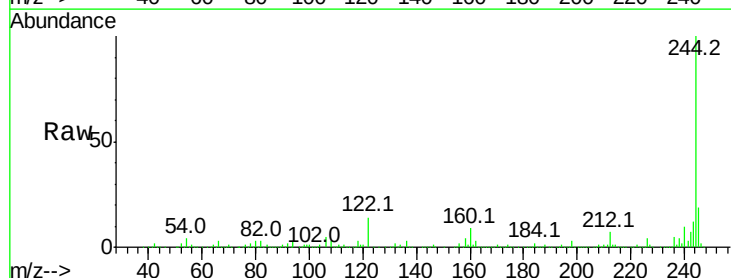


Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E

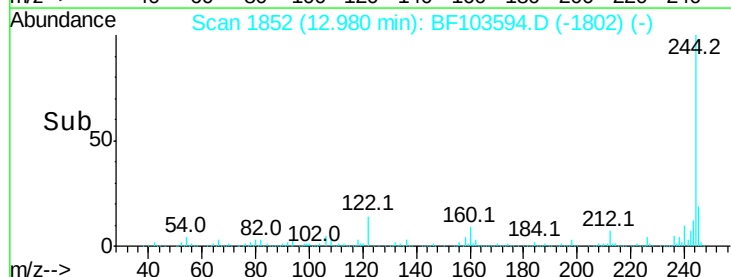
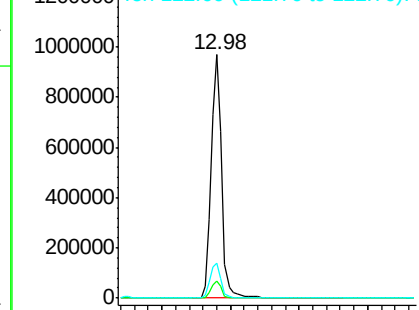


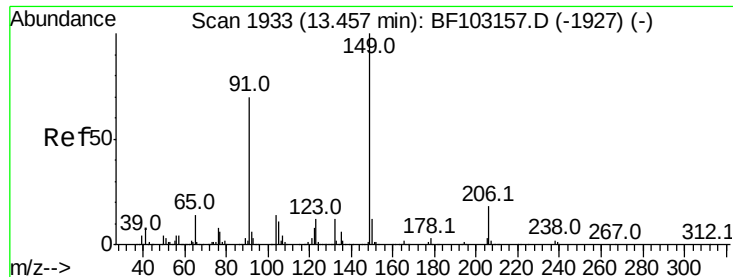
#78  
Terphenyl-d14  
Concen: 79.406 ng  
RT: 12.98 min Scan# 1852  
Delta R.T. -0.01 min  
Lab File: BF103594.D  
Acq: 12 Mar 2018 20:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.1   | 5.4   | 8.0   |
| 122     | 14.3  | 11.0  | 16.4  |



Abundance Ion 244.00 (243.70 to 244.70): E  
Ion 212.00 (211.70 to 212.70): E  
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 39.724 ng

RT: 13.44 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

Instrument :

BNA\_F

ClientSampleId :

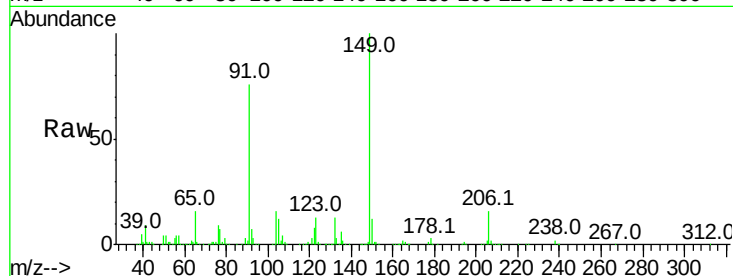
Tot Ion:149 Resp: 525454

Ion Ratio Lower Upper

149 100

91 76.2 56.8 85.2

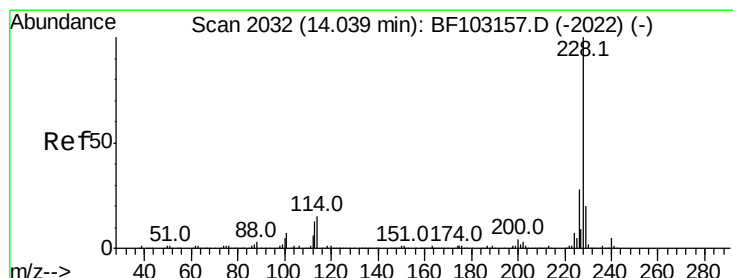
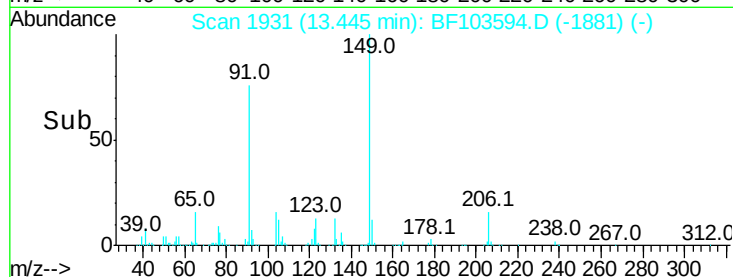
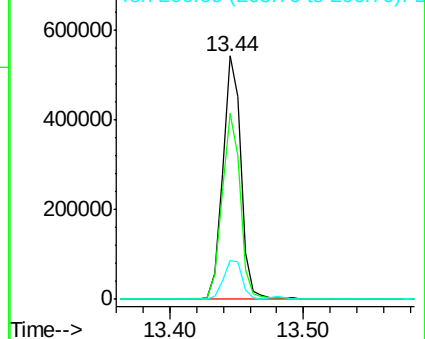
206 16.0 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 37.627 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

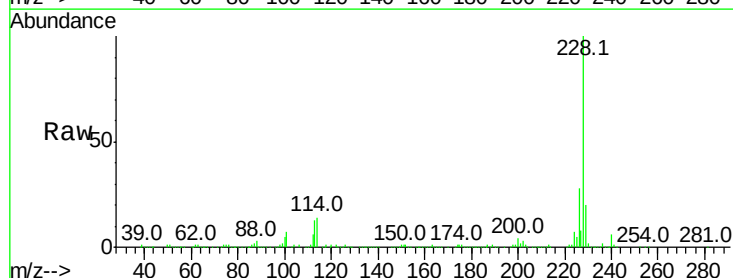
Tgt Ion:228 Resp: 783963

Ion Ratio Lower Upper

228 100

226 28.2 22.6 33.8

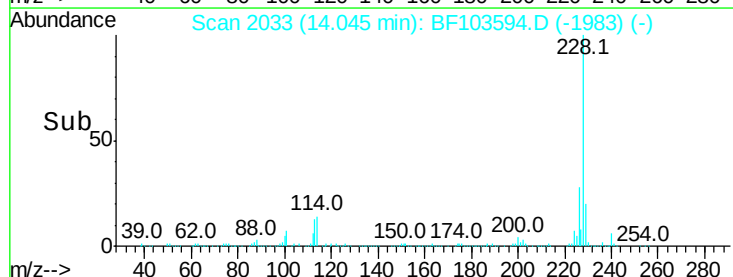
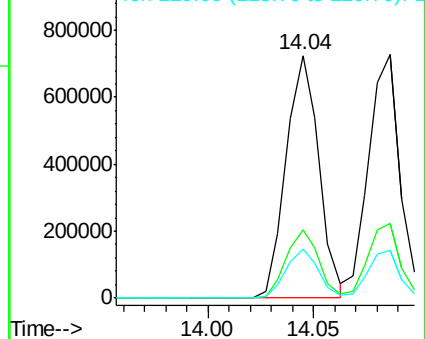
229 20.3 15.8 23.6

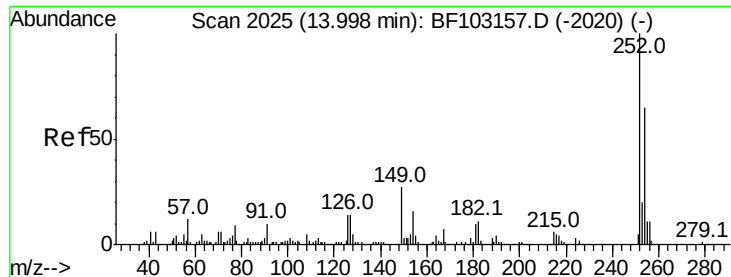


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

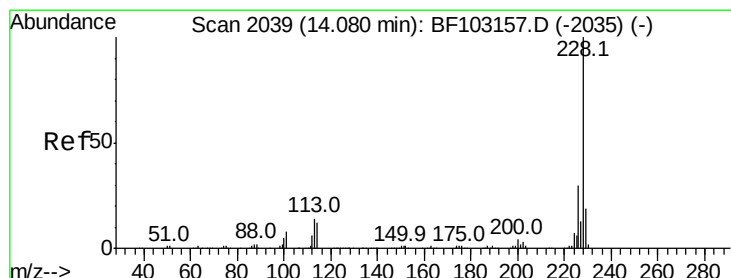
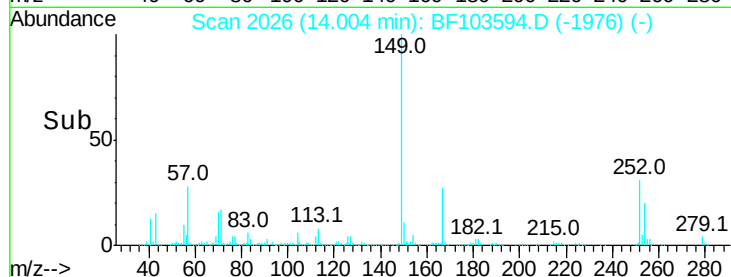
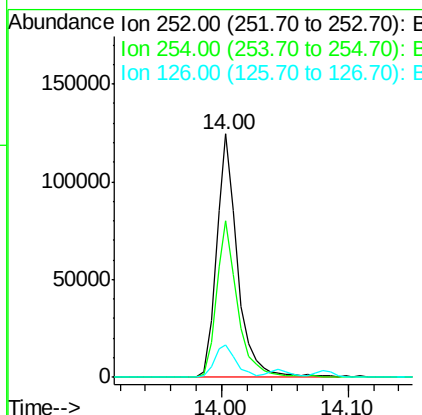
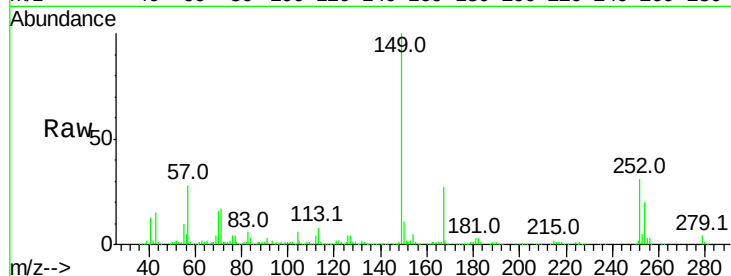




#81  
 3,3'-Dichlorobenzidine  
 Concen: 19.376 ng  
 RT: 14.00 min Scan# 2026  
 Delta R.T. -0.01 min  
 Lab File: BF103594.D  
 Acq: 12 Mar 2018 20:50

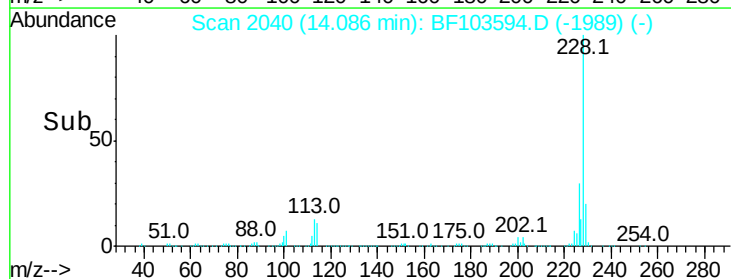
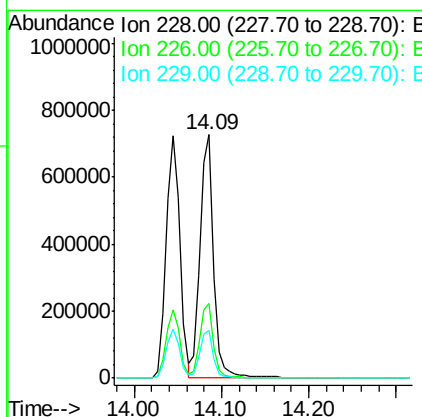
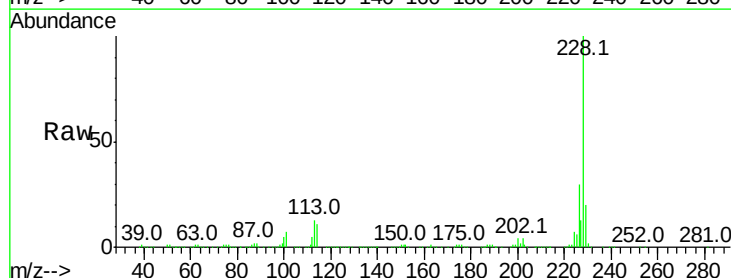
Instrument :  
 BNA\_F  
 ClientSampled :

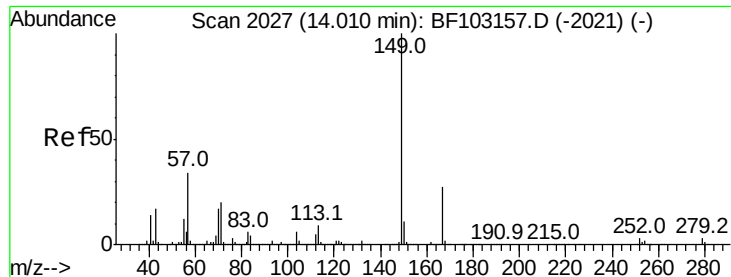
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.4  | 50.4  | 75.6  |
| 126     | 13.3  | 11.3  | 16.9  |



#82  
 Chrysene  
 Concen: 39.038 ng  
 RT: 14.09 min Scan# 2040  
 Delta R.T. 0.00 min  
 Lab File: BF103594.D  
 Acq: 12 Mar 2018 20:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.5  | 25.0  | 37.6  |
| 229     | 19.5  | 16.2  | 24.4  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.982 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

Instrument :

BNA\_F

ClientSampleId :

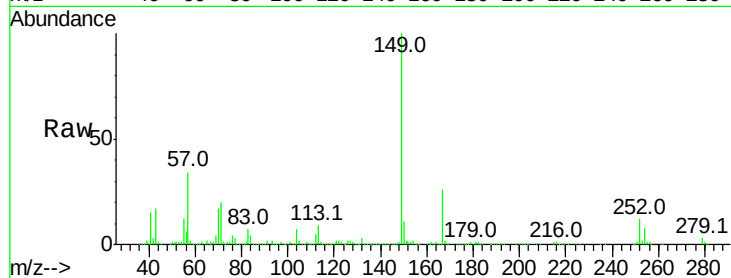
Tot Ion:149 Resp: 677984

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 26.5  | 21.3  | 31.9  |
| 279 | 3.1   | 3.0   | 4.4   |

149 100

167 26.5 21.3 31.9

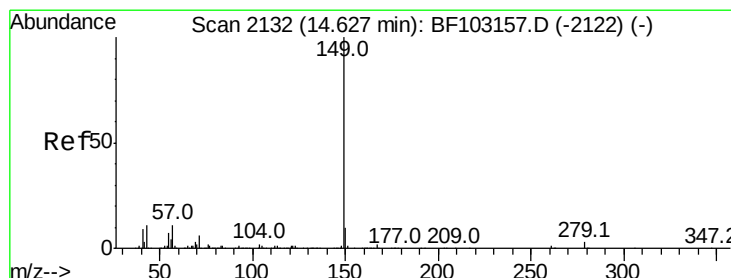
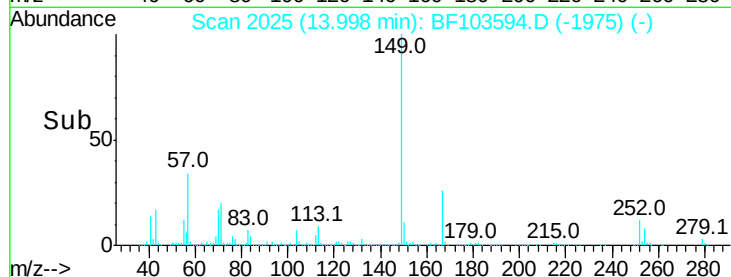
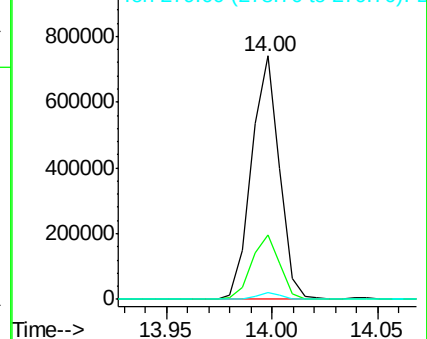
279 3.1 3.0 4.4



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: 42.076 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

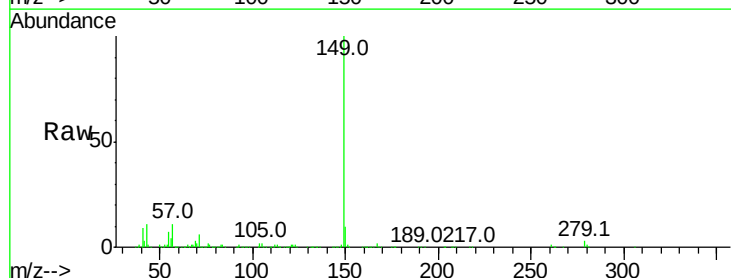
Tgt Ion:149 Resp: 1213471

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 1.6   | 1.2   | 1.8   |
| 43  | 11.7  | 8.4   | 12.6  |

149 100

167 1.6 1.2 1.8

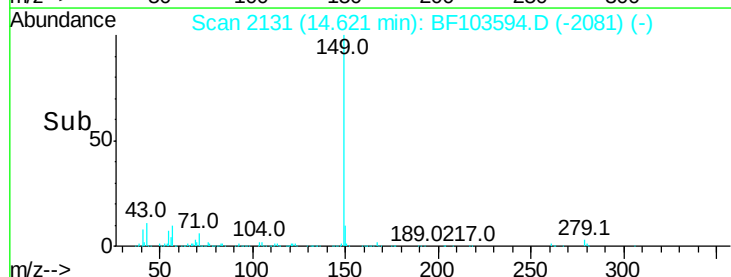
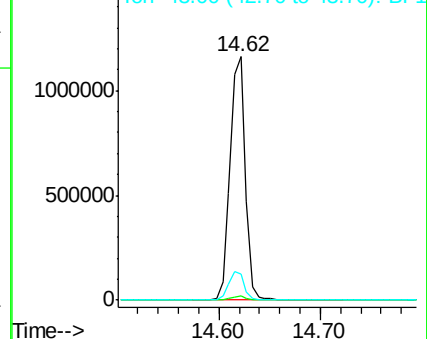
43 11.7 8.4 12.6

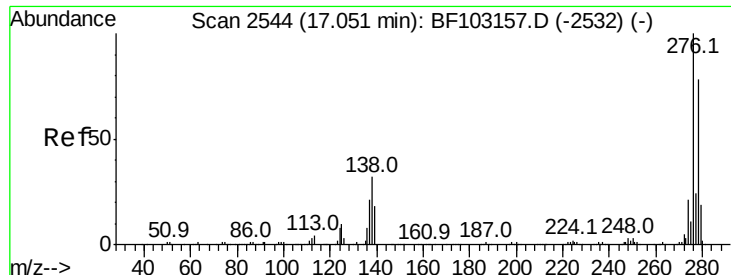


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

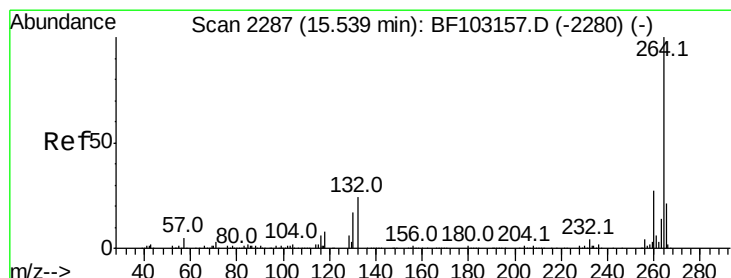
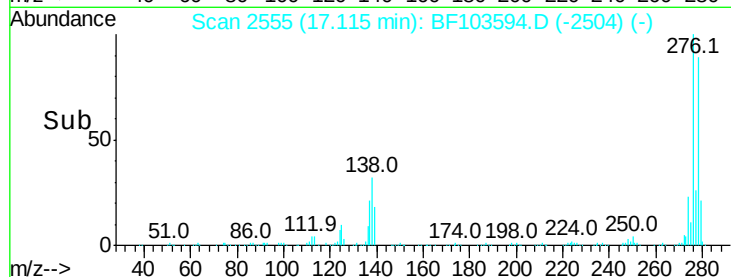
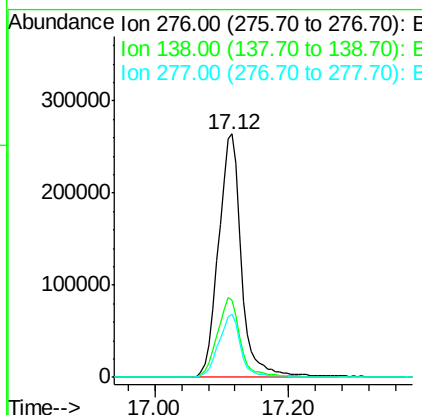
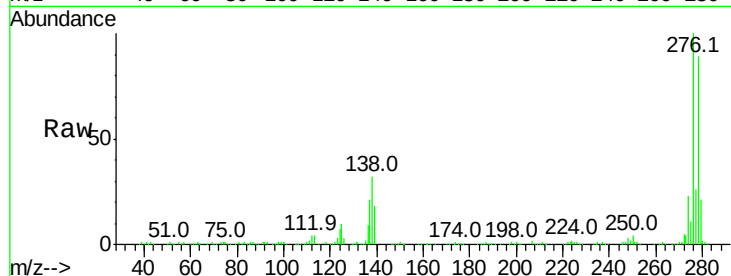




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 40.221 ng  
 RT: 17.12 min Scan# 2555  
 Delta R.T. 0.00 min  
 Lab File: BF103594.D  
 Acq: 12 Mar 2018 20:50

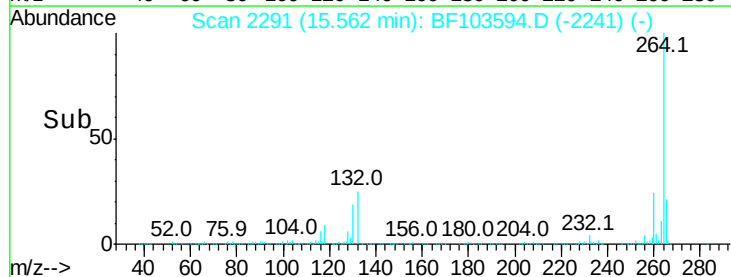
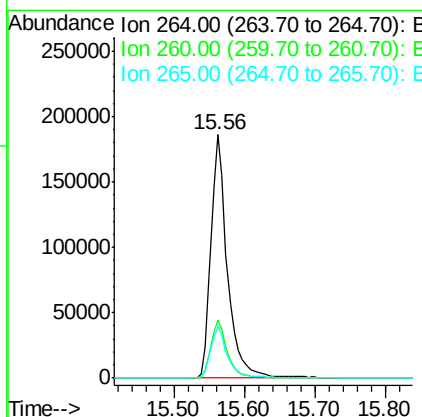
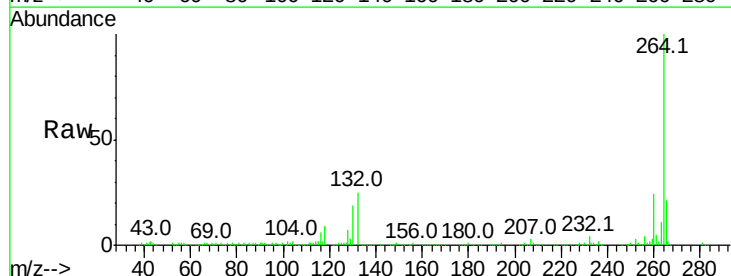
Instrument :  
 BNA\_F  
 ClientSampleId :

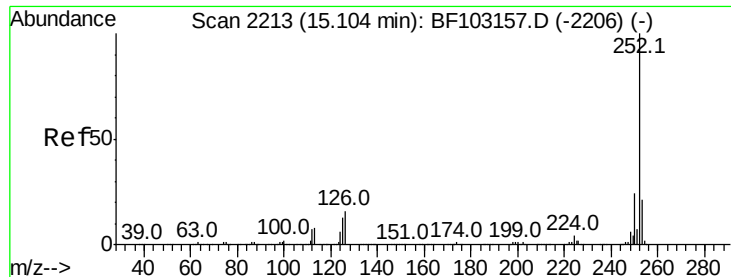
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 32.5  | 25.0  | 37.6  |
| 277     | 25.0  | 20.1  | 30.1  |



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.56 min Scan# 2291  
 Delta R.T. -0.01 min  
 Lab File: BF103594.D  
 Acq: 12 Mar 2018 20:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.8  | 19.2  | 28.8  |
| 265     | 21.4  | 17.5  | 26.3  |

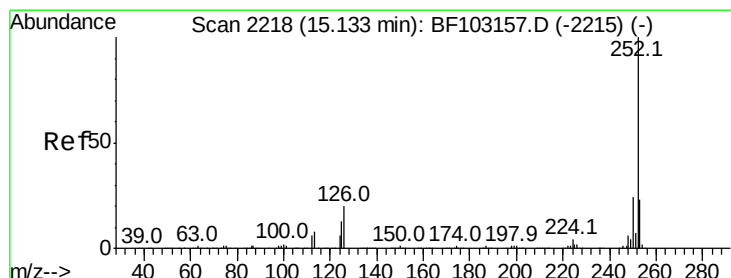
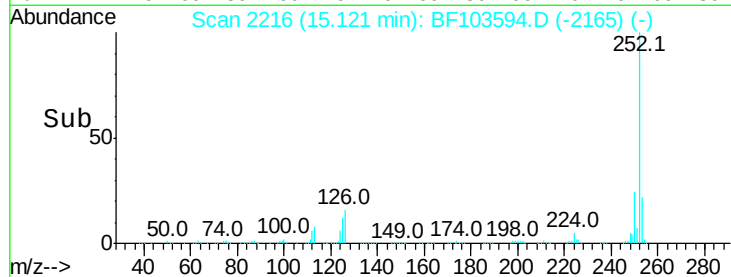
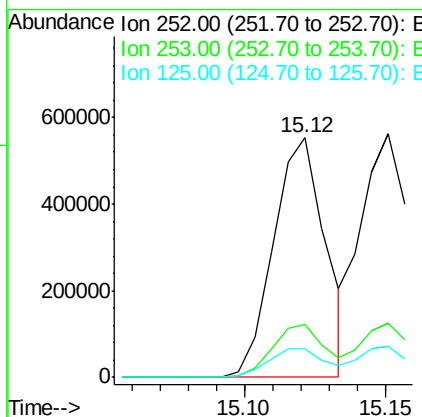
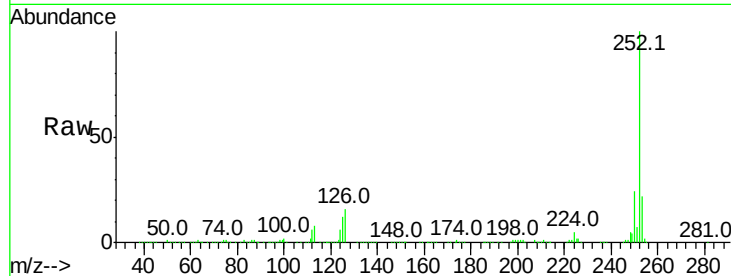




#87  
Benzo(b)fluoranthene  
Concen: 35.383 ng  
RT: 15.12 min Scan# 2216  
Delta R.T. 0.00 min  
Lab File: BF103594.D  
Acq: 12 Mar 2018 20:50

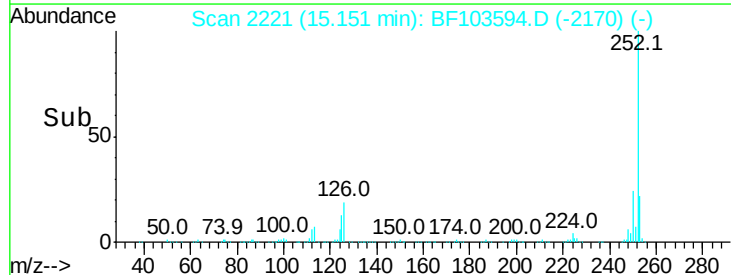
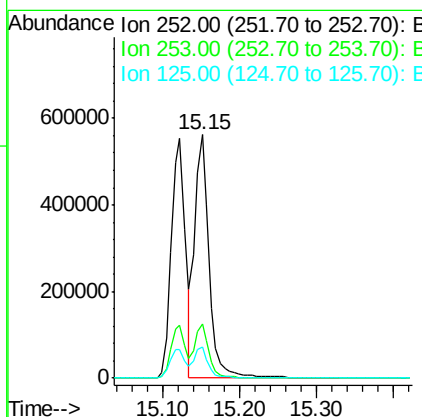
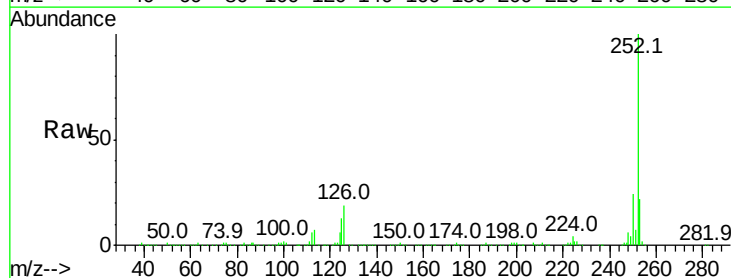
Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:252 Resp: 703745  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.0 25.6  
125 11.9 9.0 13.6

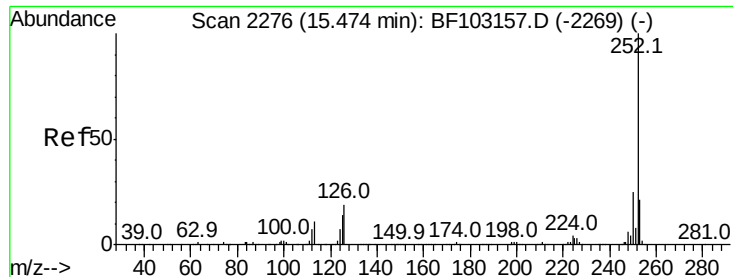


#88  
Benzo(k)fluoranthene  
Concen: 39.314 ng  
RT: 15.15 min Scan# 2221  
Delta R.T. 0.00 min  
Lab File: BF103594.D  
Acq: 12 Mar 2018 20:50

Tgt Ion:252 Resp: 736309  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.9 26.9  
125 13.0 10.2 15.2







#89

Benzo(a)pyrene

Concen: 38.924 ng

RT: 15.50 min Scan# 2281

Delta R.T. 0.00 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

Instrument :

BNA\_F

ClientSampleId :

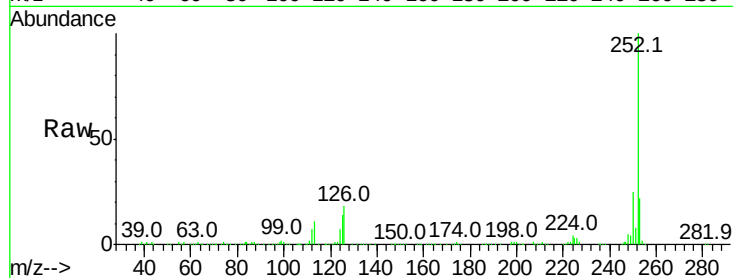
Tot Ion:252 Resp: 691349

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

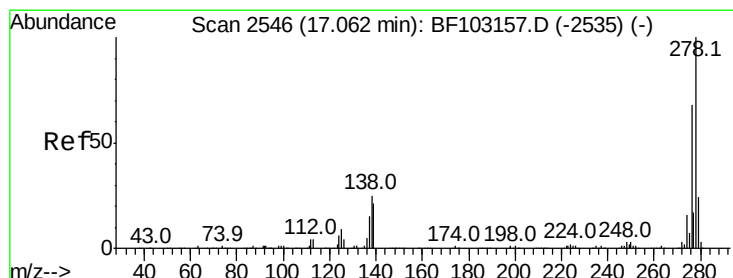
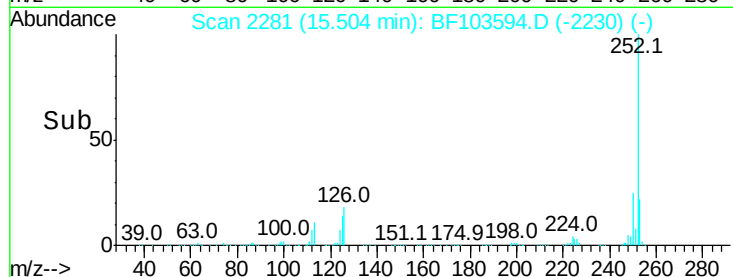
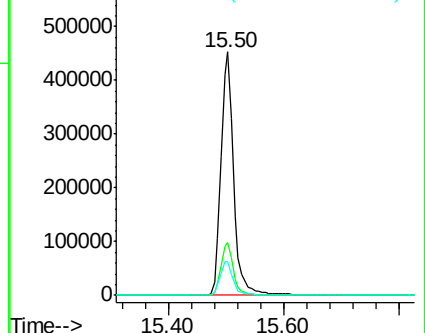
125 13.8 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.696 ng

RT: 17.11 min Scan# 2554

Delta R.T. -0.01 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

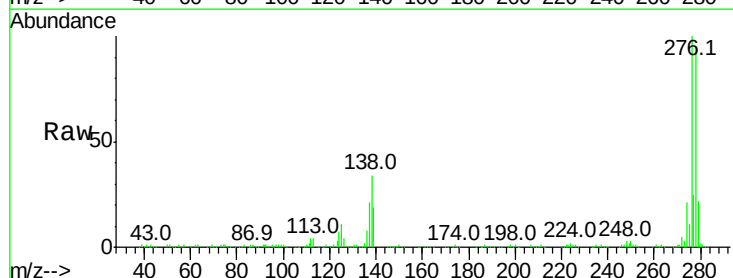
Tgt Ion:278 Resp: 544799

Ion Ratio Lower Upper

278 100

139 20.3 15.9 23.9

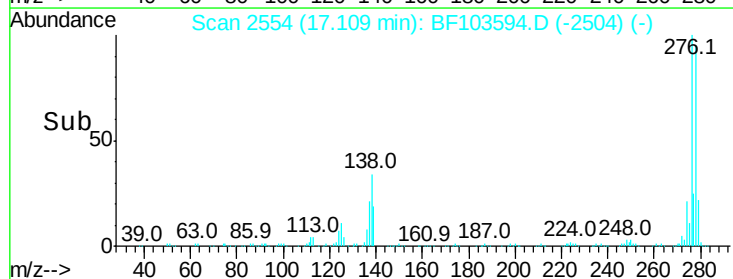
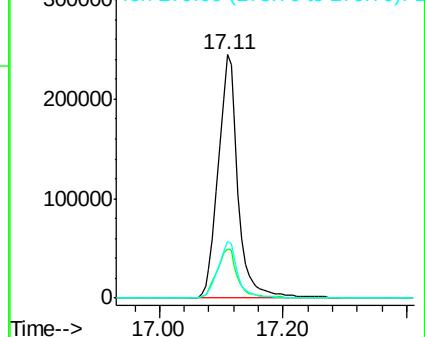
279 23.5 19.0 28.4

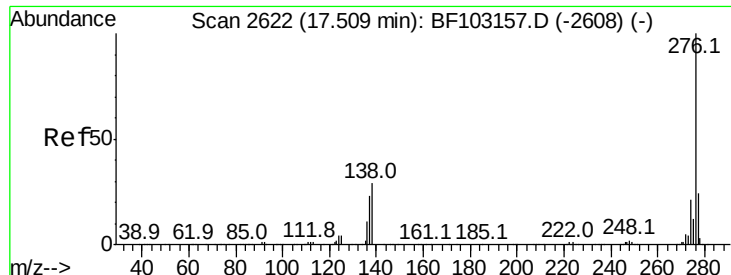


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 41.040 ng

RT: 17.58 min Scan# 2634

Delta R.T. -0.01 min

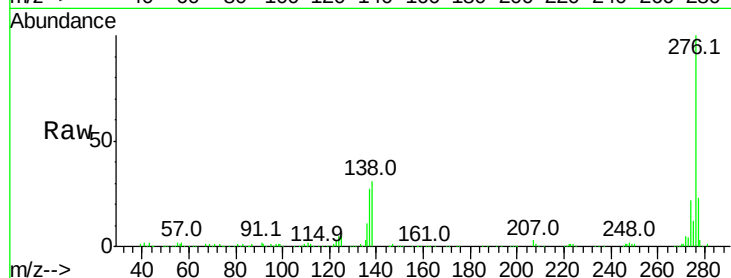
Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

Instrument :

BNA\_F

ClientSampleId :



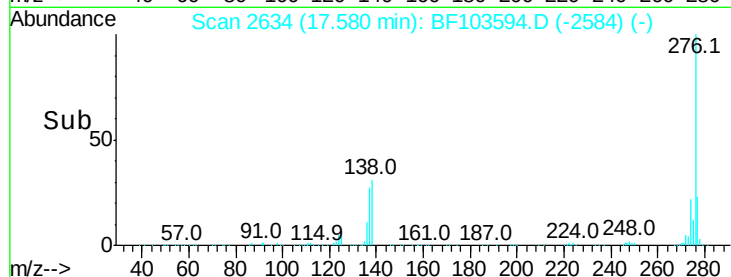
Tot Ion:276 Resp: 550481

Ion Ratio Lower Upper

276 100

277 23.4 17.9 26.9

138 31.1 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

