

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121217\  
 Data File : BF101328.D  
 Acq On : 12 Dec 2017 14:33  
 Operator : SJ/JU  
 Sample : PB104934BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Dec 13 01:08:19 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 08 18:17:31 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.82  | 152  | 42252    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.10  | 136  | 168781   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.86  | 164  | 82275    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.36 | 188  | 162774   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.01 | 240  | 127602   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.48 | 264  | 103730   | 20.00 | ng    | 0.01     |

## System Monitoring Compounds

|                          |       |     |        |        |    |      |
|--------------------------|-------|-----|--------|--------|----|------|
| 5) 2-Fluorophenol        | 5.46  | 112 | 336674 | 131.67 | ng | 0.02 |
| 7) Phenol-d6             | 6.47  | 99  | 405761 | 130.71 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.39  | 82  | 251215 | 88.79  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.66 | 330 | 124684 | 126.15 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.18  | 172 | 563636 | 93.73  | ng | 0.00 |
| 78) Terphenyl-d14        | 12.94 | 244 | 602572 | 103.29 | ng | 0.00 |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.64 | 88  | 38317  | 36.239 | ng | 95     |
| 3) Pyridine                    | 3.41 | 79  | 111262 | 40.592 | ng | 95     |
| 4) n-Nitrosodimethylamine      | 3.36 | 42  | 57783  | 43.163 | ng | 89     |
| 6) Aniline                     | 6.49 | 93  | 54123  | 13.407 | ng | # 88   |
| 8) 2-Chlorophenol              | 6.62 | 128 | 122984 | 44.113 | ng | 91     |
| 9) Benzaldehyde                | 6.37 | 77  | 31141  | 16.390 | ng | 97     |
| 10) Phenol                     | 6.48 | 94  | 139994 | 40.556 | ng | 90     |
| 11) bis(2-Chloroethyl)ether    | 6.56 | 93  | 109807 | 42.410 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.76 | 146 | 136524 | 42.055 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.84 | 146 | 139672 | 41.557 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 6.99 | 146 | 132101 | 42.138 | ng | 96     |
| 15) Benzyl Alcohol             | 6.97 | 79  | 101910 | 42.504 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.09 | 45  | 169151 | 48.062 | ng | 73     |
| 17) 2-Methylphenol             | 7.08 | 107 | 98762  | 43.871 | ng | 96     |
| 18) Hexachloroethane           | 7.33 | 117 | 45805  | 42.420 | ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 7.24 | 70  | 81896  | 39.172 | ng | 93     |
| 20) 3+4-Methylphenols          | 7.24 | 107 | 127724 | 43.504 | ng | # 72   |
| 22) Acetophenone               | 7.23 | 105 | 159793 | 39.187 | ng | # 90   |
| 24) Nitrobenzene               | 7.41 | 77  | 118801 | 42.842 | ng | 98     |
| 25) Isophorone                 | 7.65 | 82  | 222196 | 45.976 | ng | 100    |
| 26) 2-Nitrophenol              | 7.73 | 139 | 67200  | 44.145 | ng | 92     |
| 27) 2,4-Dimethylphenol         | 7.76 | 122 | 110765 | 50.300 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.85 | 93  | 138130 | 42.525 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.97 | 162 | 110296 | 46.015 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 8.05 | 180 | 115198 | 43.707 | ng | 99     |
| 31) Naphthalene                | 8.13 | 128 | 353324 | 42.475 | ng | 98     |
| 32) Benzoic acid               | 7.92 | 122 | 73927  | 43.164 | ng | 95     |
| 33) 4-Chloroaniline            | 8.19 | 127 | 25906  | 7.751  | ng | 98     |
| 34) Hexachlorobutadiene        | 8.23 | 225 | 69327  | 42.886 | ng | 97     |
| 35) Caprolactam                | 8.56 | 113 | 19217  | 25.726 | ng | 97     |
| 36) 4-Chloro-3-methylphenol    | 8.67 | 107 | 111912 | 45.073 | ng | 99     |
| 37) 2-Methylnaphthalene        | 8.82 | 142 | 242589 | 42.919 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.99 | 216 | 114958 | 38.462 | ng | # 97   |
| 40) Hexachlorocyclopentadiene  | 8.97 | 237 | 65682  | 62.305 | ng | 97     |

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 Sample : PB104934BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

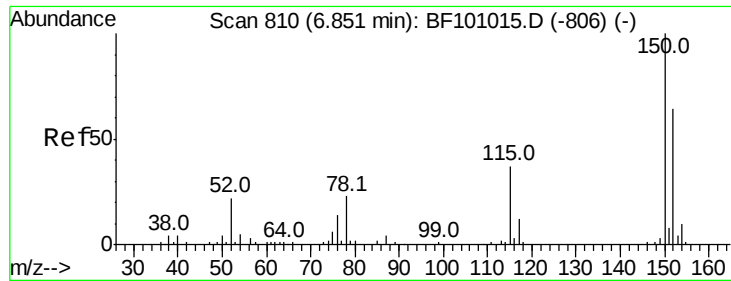
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Dec 13 01:08:19 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 08 18:17:31 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.10  | 196  | 79169    | 45.185 | ng    | 99       |
| 43) 2,4,5-Trichlorophenol      | 9.15  | 196  | 82028    | 43.792 | ng    | 95       |
| 45) 1,1'-Biphenyl              | 9.29  | 154  | 290388   | 38.523 | ng    | 97       |
| 46) 2-Chloronaphthalene        | 9.31  | 162  | 234694   | 43.840 | ng    | 96       |
| 47) 2-Nitroaniline             | 9.42  | 65   | 67490    | 42.611 | ng    | 96       |
| 48) Acenaphthylene             | 9.73  | 152  | 363017   | 41.263 | ng    | 99       |
| 49) Dimethylphthalate          | 9.59  | 163  | 279875   | 42.180 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.66  | 165  | 60663    | 43.407 | ng    | 92       |
| 51) Acenaphthene               | 9.90  | 154  | 217631   | 41.312 | ng    | 99       |
| 52) 3-Nitroaniline             | 9.83  | 138  | 23843    | 15.171 | ng    | # 91     |
| 53) 2,4-Dinitrophenol          | 9.95  | 184  | 60621    | 84.090 | ng    | # 19     |
| 54) Dibenzofuran               | 10.07 | 168  | 323640   | 42.631 | ng    | 99       |
| 55) 4-Nitrophenol              | 10.01 | 139  | 69196    | 65.285 | ng    | 97       |
| 56) 2,4-Dinitrotoluene         | 10.07 | 165  | 80045    | 42.738 | ng    | # 93     |
| 57) Fluorene                   | 10.42 | 166  | 265682   | 43.051 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.20 | 232  | 65760    | 43.846 | ng    | # 87     |
| 59) Diethylphthalate           | 10.29 | 149  | 276728   | 42.283 | ng    | 96       |
| 60) 4-Chlorophenyl-phenylether | 10.40 | 204  | 130671   | 42.884 | ng    | 92       |
| 61) 4-Nitroaniline             | 10.45 | 138  | 62509    | 38.315 | ng    | 90       |
| 62) Azobenzene                 | 10.56 | 77   | 238834   | 43.001 | ng    | 95       |
| 64) 4,6-Dinitro-2-methylphenol | 10.49 | 198  | 40090    | 36.720 | ng    | 76       |
| 65) n-Nitrosodiphenylamine     | 10.53 | 169  | 244296   | 42.542 | ng    | 95       |
| 66) 4-Bromophenyl-phenylether  | 10.89 | 248  | 78558    | 43.117 | ng    | 93       |
| 67) Hexachlorobenzene          | 10.97 | 284  | 82426    | 42.211 | ng    | # 87     |
| 68) Atrazine                   | 11.06 | 200  | 75011    | 42.584 | ng    | 96       |
| 69) Pentachlorophenol          | 11.17 | 266  | 67726    | 63.078 | ng    | 97       |
| 70) Phenanthrene               | 11.39 | 178  | 385390   | 42.994 | ng    | 98       |
| 71) Anthracene                 | 11.43 | 178  | 401014   | 44.202 | ng    | 98       |
| 72) Carbazole                  | 11.59 | 167  | 345970   | 41.738 | ng    | 99       |
| 73) Di-n-butylphthalate        | 11.91 | 149  | 444717   | 42.804 | ng    | 97       |
| 74) Fluoranthene               | 12.57 | 202  | 421109   | 42.381 | ng    | 96       |
| 76) Benzidine                  | 12.69 | 184  | 93969    | 22.646 | ng    | 97       |
| 77) Pyrene                     | 12.80 | 202  | 423365   | 48.083 | ng    | 99       |
| 79) Butylbenzylphthalate       | 13.41 | 149  | 177979   | 45.847 | ng    | 94       |
| 80) Benzo(a)anthracene         | 14.00 | 228  | 363928   | 45.171 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.95 | 252  | 56955    | 20.413 | ng    | 99       |
| 82) Chrysene                   | 14.03 | 228  | 335585   | 44.850 | ng    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 13.96 | 149  | 250461   | 45.250 | ng    | 98       |
| 84) Di-n-octyl phthalate       | 14.58 | 149  | 390385   | 42.359 | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.97 | 276  | 255373   | 38.390 | ng    | # 92     |
| 87) Benzo(b)fluoranthene       | 15.05 | 252  | 279000   | 44.905 | ng    | 98       |
| 88) Benzo(k)fluoranthene       | 15.08 | 252  | 272237   | 44.473 | ng    | # 96     |
| 89) Benzo(a)pyrene             | 15.42 | 252  | 253772   | 44.927 | ng    | 98       |
| 90) Dibenzo(a,h)anthracene     | 16.98 | 278  | 210264   | 42.224 | ng    | 96       |
| 91) Benzo(g,h,i)perylene       | 17.42 | 276  | 212458   | 45.272 | ng    | # 93     |

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



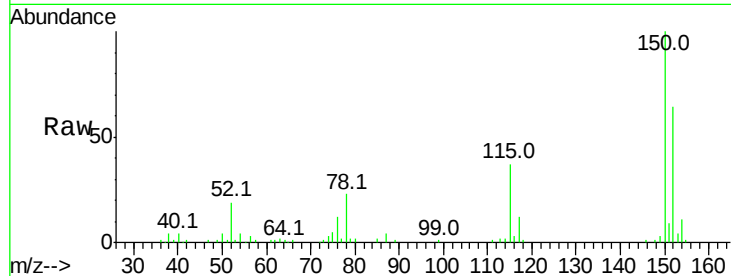


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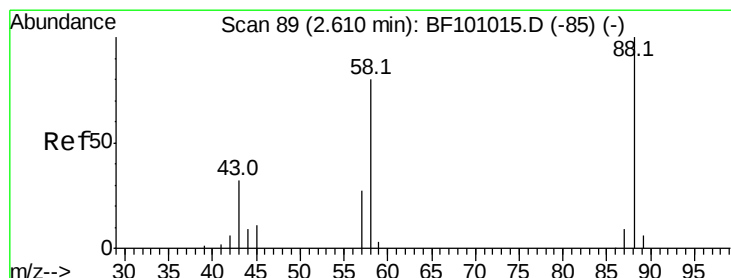
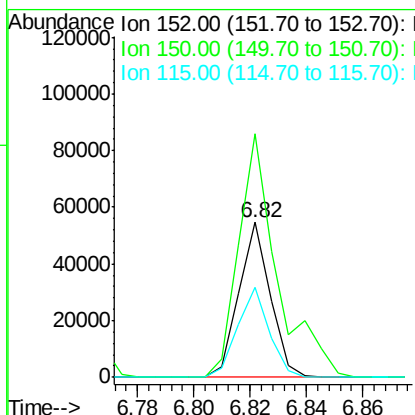
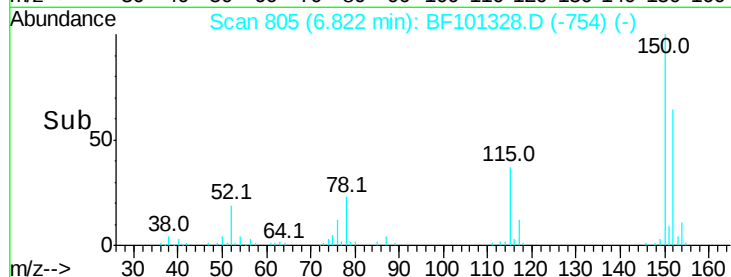
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.82 min Scan# 805  
 Delta R.T. -0.00 min  
 Lab File: BF101328.D  
 Acq: 12 Dec 2017 14:33

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:152 Resp: 42252  
 Ion Ratio Lower Upper  
 152 100  
 150 157.1 124.6 186.8  
 115 58.0 50.1 75.1



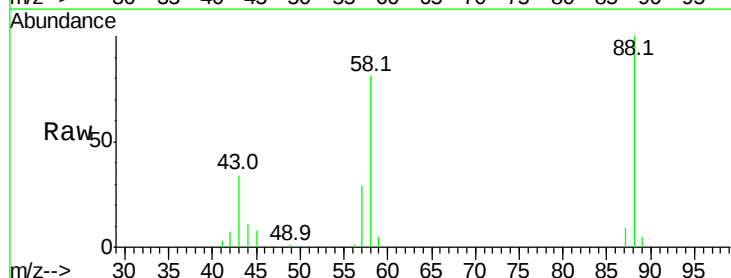
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



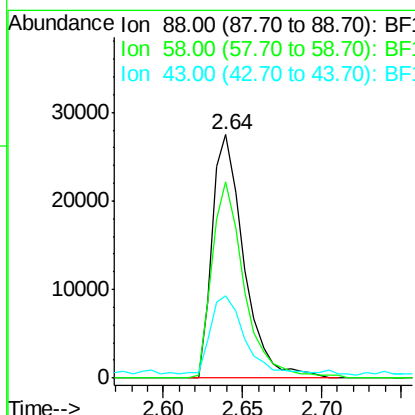
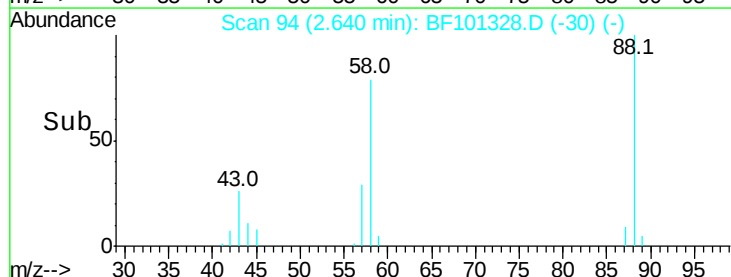
#2

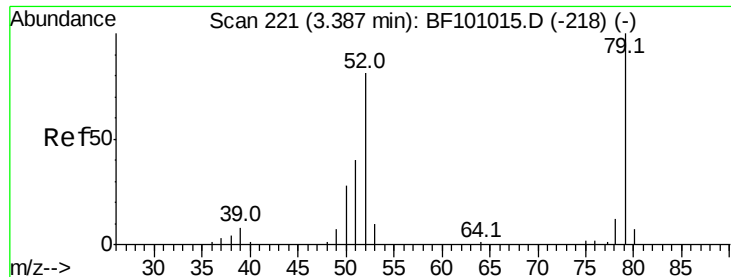
1,4-Dioxane  
 Concen: 36.239 ng  
 RT: 2.64 min Scan# 94  
 Delta R.T. 0.08 min  
 Lab File: BF101328.D  
 Acq: 12 Dec 2017 14:33

Tgt Ion: 88 Resp: 38317  
 Ion Ratio Lower Upper  
 88 100  
 58 82.5 62.6 93.8  
 43 34.1 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

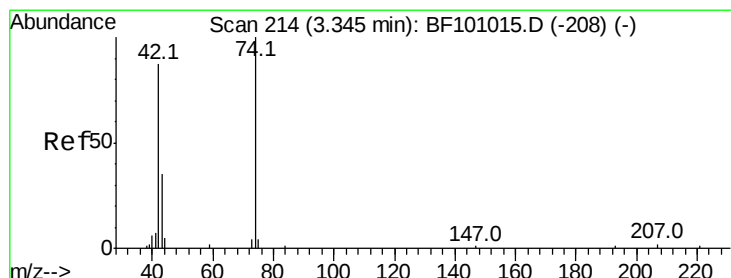
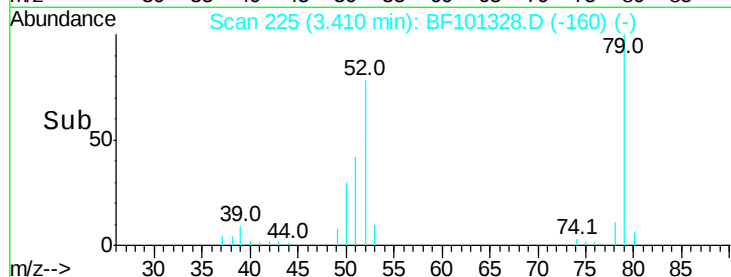
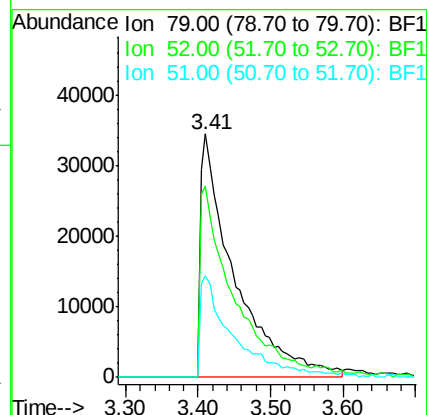
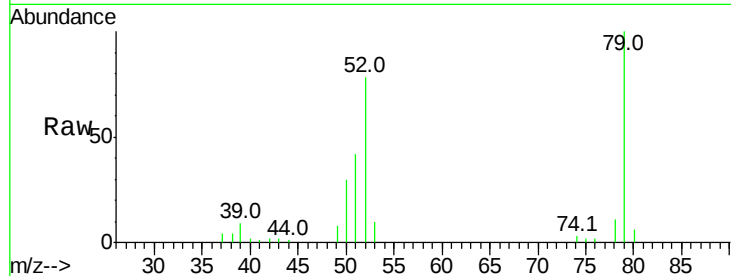




#3  
 Pvrindine  
 Concen: 40.592 ng  
 RT: 3.41 min Scan# 225  
 Delta R.T. 0.08 min  
 Lab File: BF101328.D  
 Acq: 12 Dec 2017 14:33

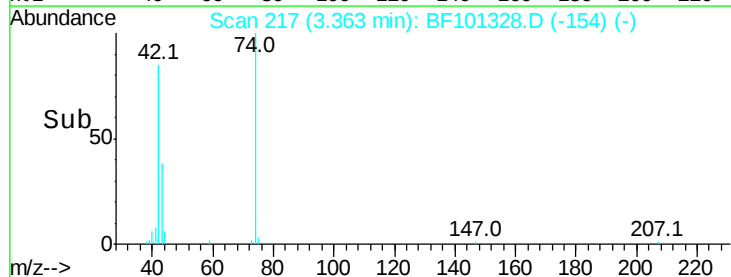
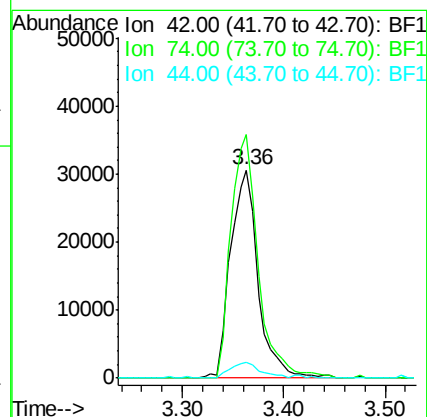
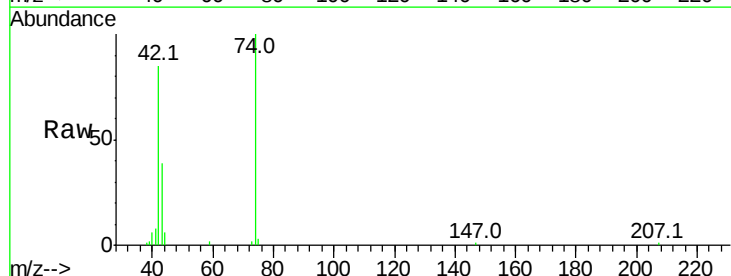
Instrument :  
 BNA\_F  
 ClientSampled :

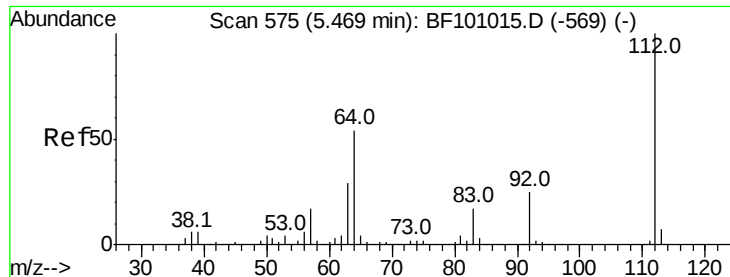
Tot Ion: 79 Resp: 111262  
 Ion Ratio Lower Upper  
 79 100  
 52 78.4 59.8 89.6  
 51 41.6 29.8 44.8



#4  
 n-Nitrosodimethylamine  
 Concen: 43.163 ng  
 RT: 3.36 min Scan# 217  
 Delta R.T. 0.07 min  
 Lab File: BF101328.D  
 Acq: 12 Dec 2017 14:33

Tgt Ion: 42 Resp: 57783  
 Ion Ratio Lower Upper  
 42 100  
 74 117.1 104.9 157.3  
 44 7.5 6.9 10.3





#5

2-Fluorophenol

Concen: 131.671 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.02 min

Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

Instrument :

BNA\_F

ClientSampled :

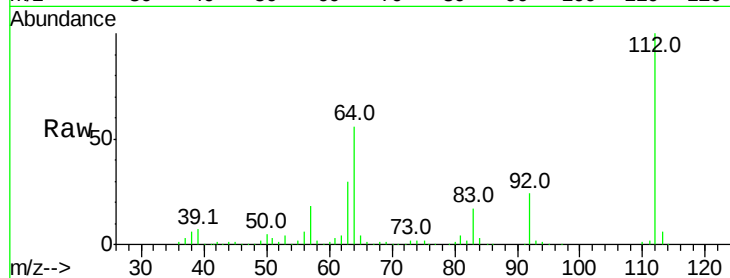
Tot Ion:112 Resp: 336674

Ion Ratio Lower Upper

112 100

64 55.9 47.9 71.9

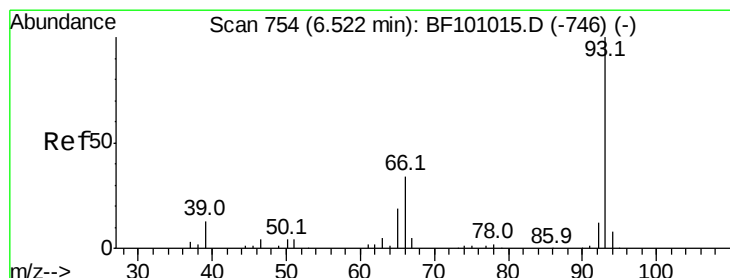
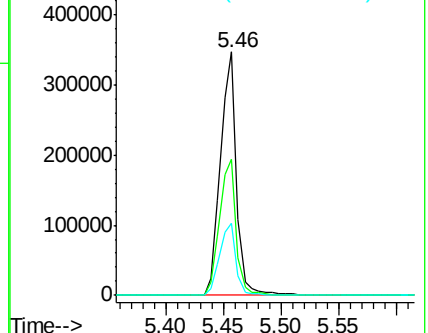
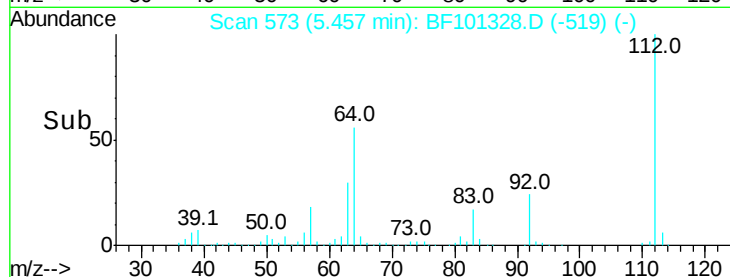
63 29.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 13.407 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

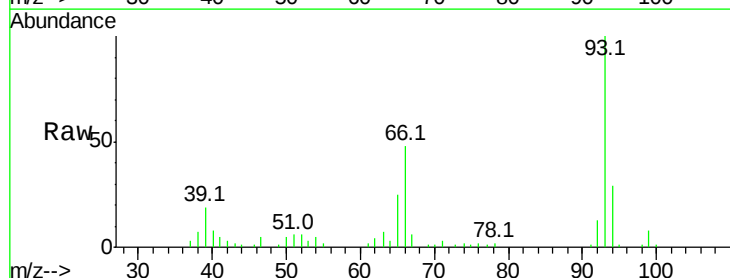
Tgt Ion: 93 Resp: 54123

Ion Ratio Lower Upper

93 100

66 47.9 32.2 48.2

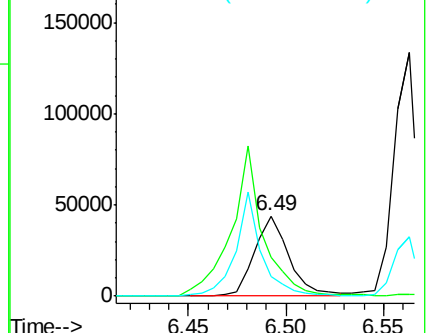
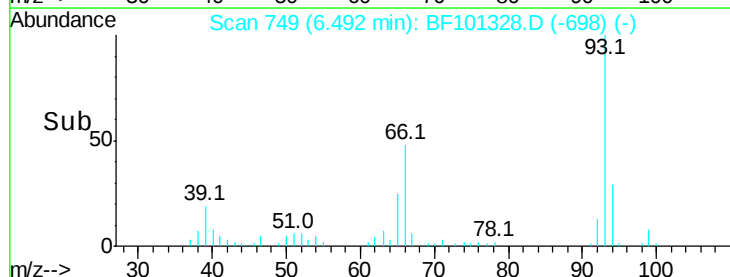
65 25.3 16.4 24.6#

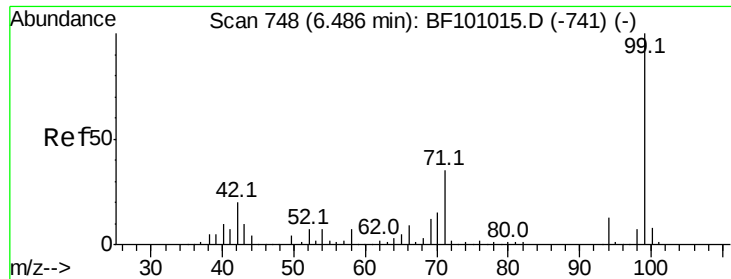


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 130.706 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

Instrument :

BNA\_F

ClientSampleId :

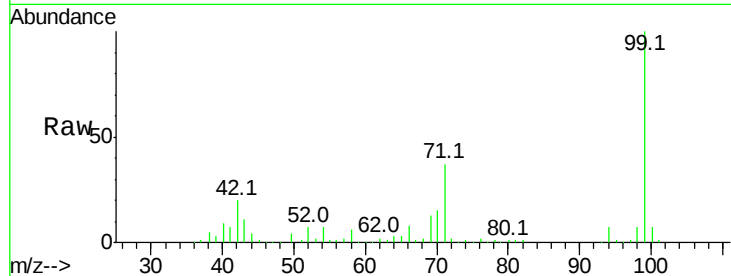
Tot Ion: 99 Resp: 405761

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

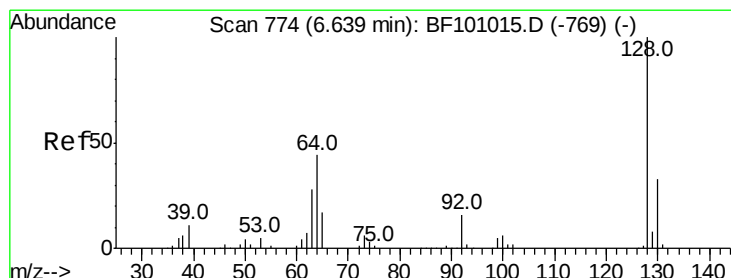
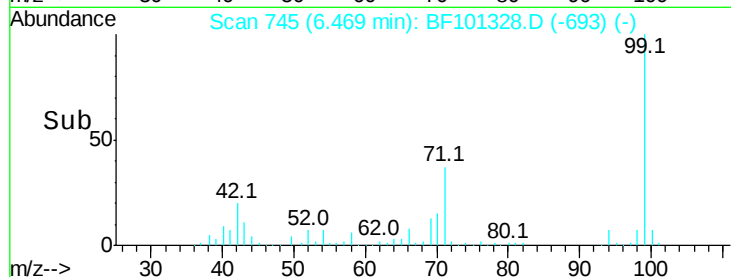
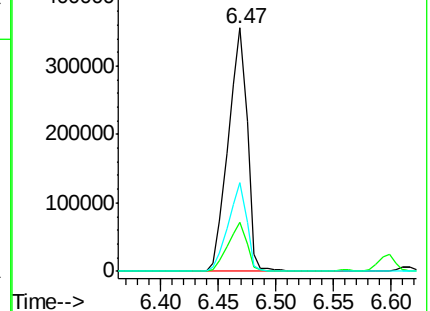
71 36.5 25.4 38.0



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: 44.113 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

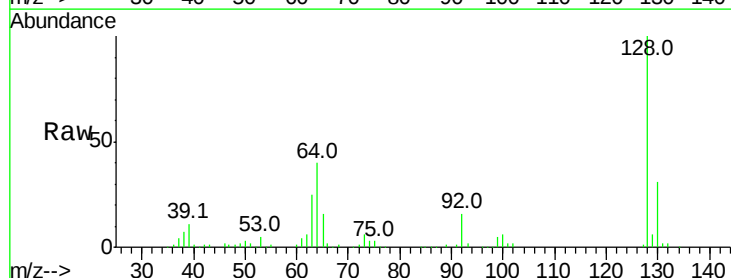
Tgt Ion:128 Resp: 122984

Ion Ratio Lower Upper

128 100

130 31.5 13.0 53.0

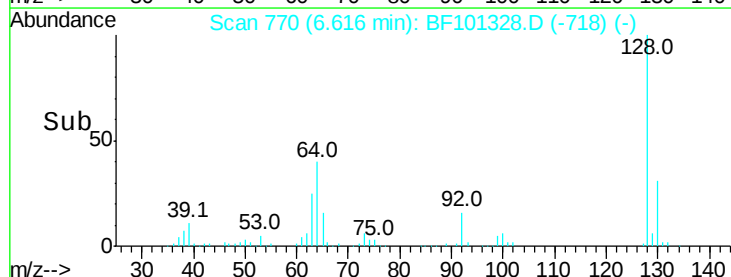
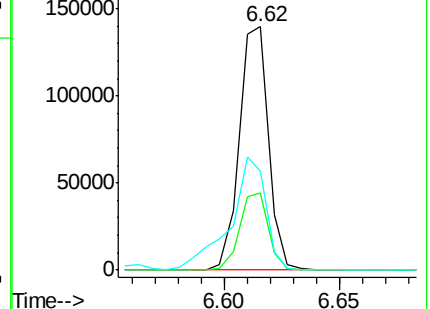
64 40.4 29.4 69.4

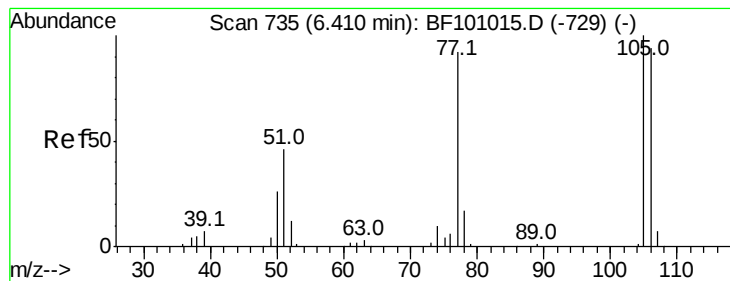


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 16.390 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

Instrument :

BNA\_F

ClientSampleId :

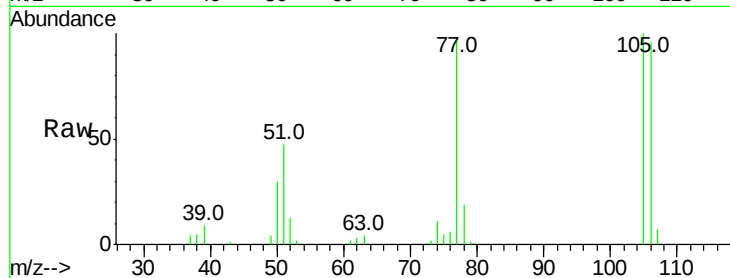
Tot Ion: 77 Resp: 31141

Ion Ratio Lower Upper

77 100

105 103.0 81.1 121.1

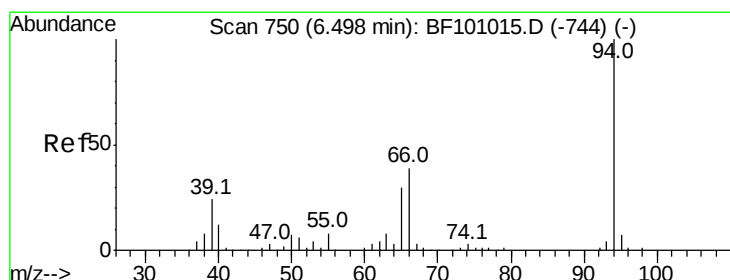
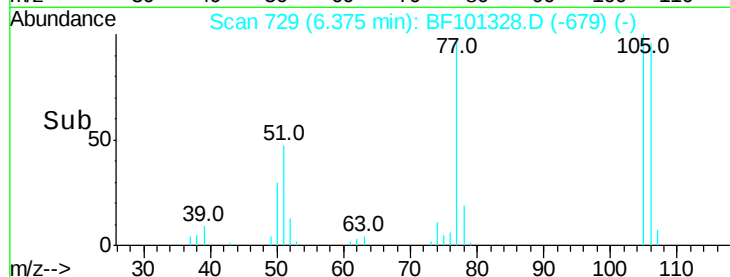
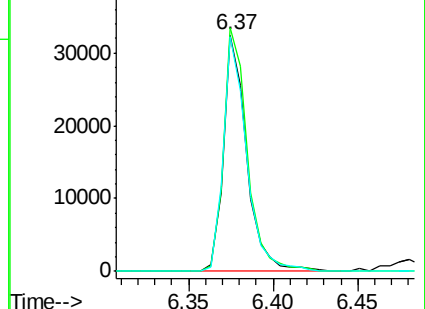
106 99.2 74.5 114.5



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: 40.556 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

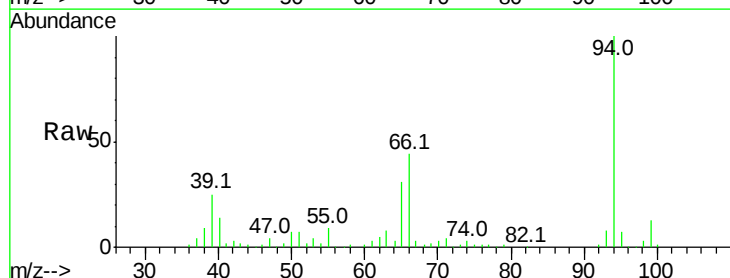
Tgt Ion: 94 Resp: 139994

Ion Ratio Lower Upper

94 100

65 30.6 7.9 47.9

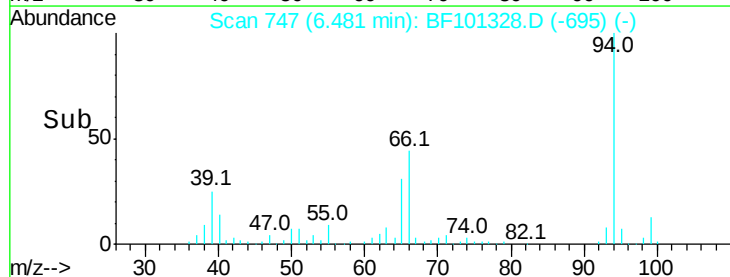
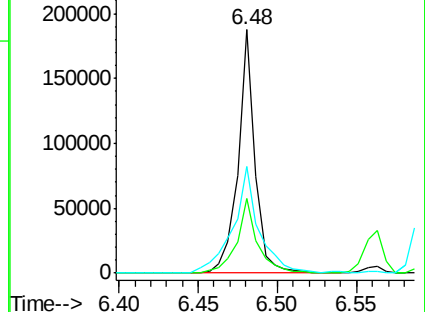
66 43.9 16.2 56.2

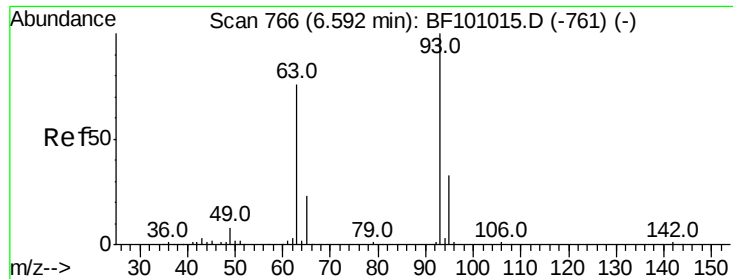


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

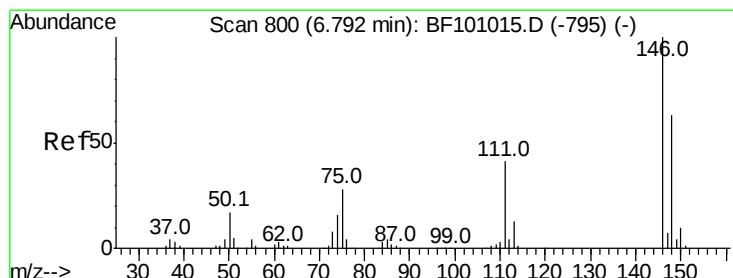
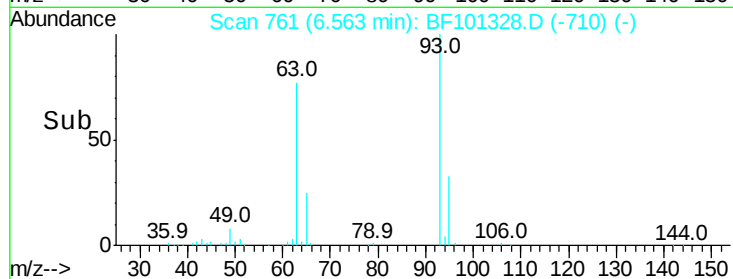
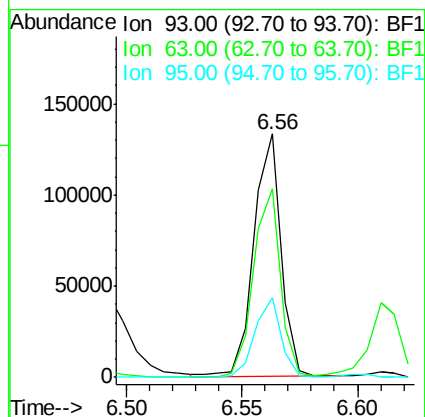
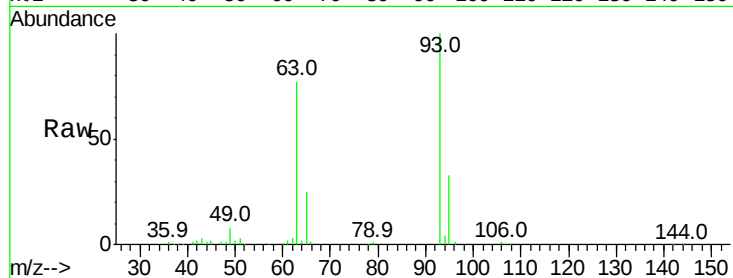




#11  
bis(2-Chloroethyl)ether  
Concen: 42.410 ng  
RT: 6.56 min Scan# 761  
Delta R.T. -0.00 min  
Lab File: BF101328.D  
Acq: 12 Dec 2017 14:33

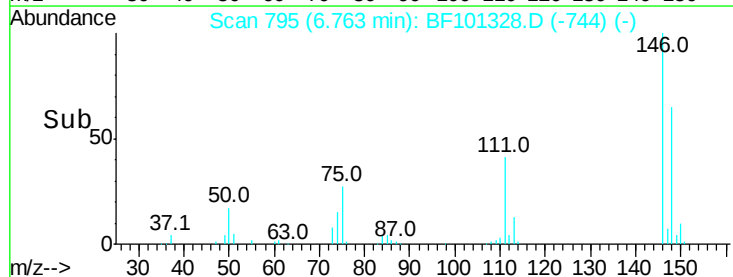
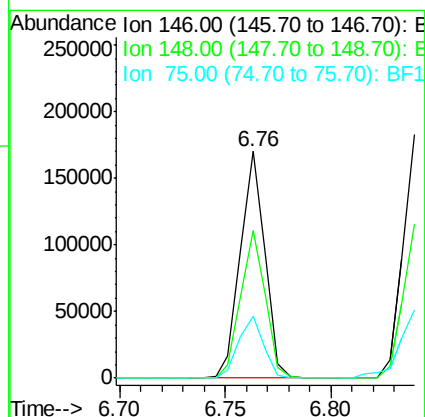
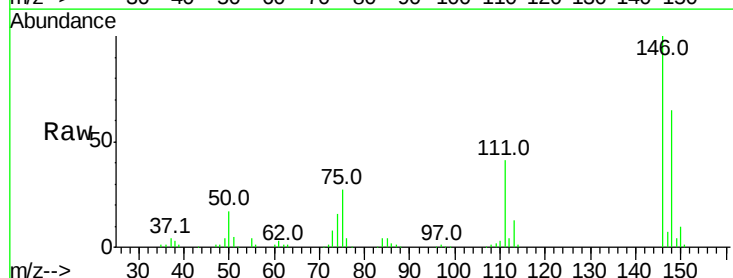
Instrument :  
BNA\_F  
ClientSampleId :

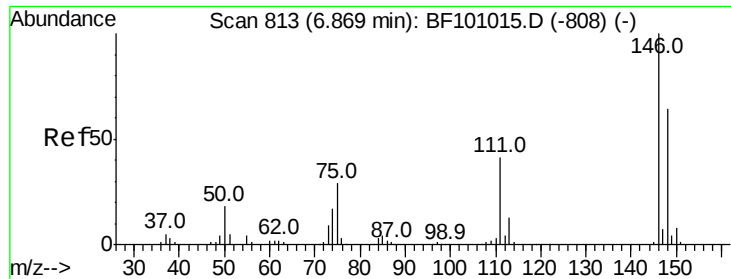
Tot Ion: 93 Resp: 109807  
Ion Ratio Lower Upper  
93 100  
63 77.5 58.6 98.6  
95 32.8 11.8 51.8



#12  
1,3-Dichlorobenzene  
Concen: 42.055 ng  
RT: 6.76 min Scan# 795  
Delta R.T. -0.00 min  
Lab File: BF101328.D  
Acq: 12 Dec 2017 14:33

Tgt Ion: 146 Resp: 136524  
Ion Ratio Lower Upper  
146 100  
148 65.0 51.8 77.8  
75 27.2 24.2 36.4

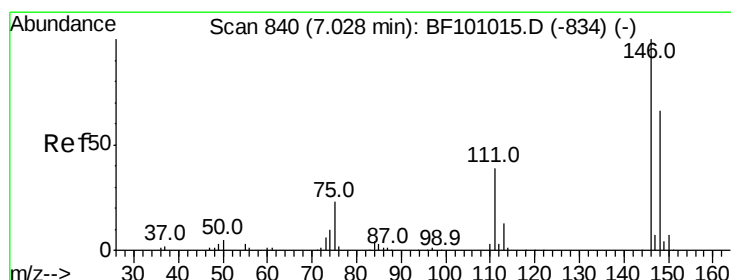
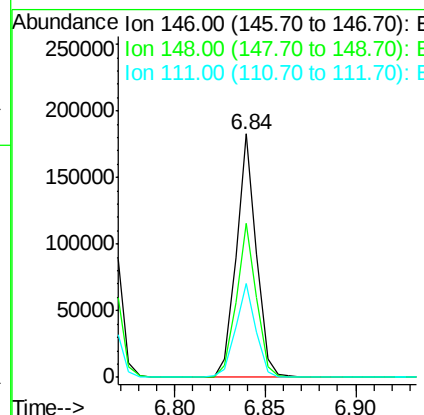
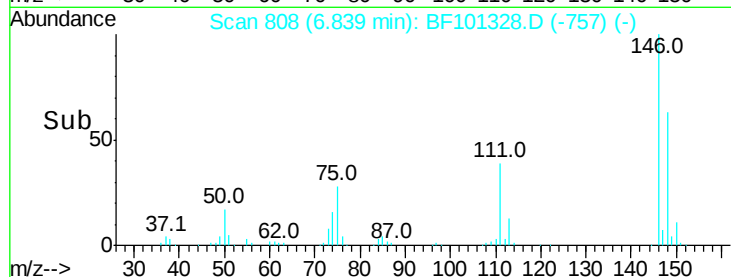
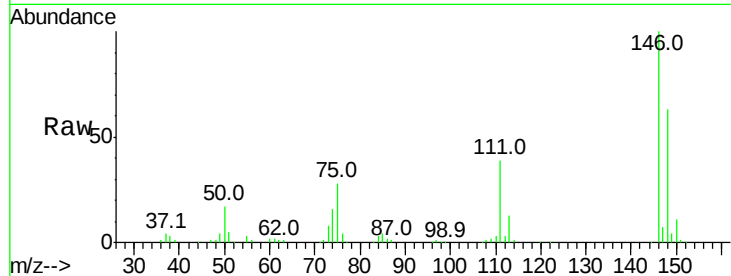




#13  
 1,4-Dichlorobenzene  
 Concen: 41.557 ng  
 RT: 6.84 min Scan# 808  
 Delta R.T. -0.00 min  
 Lab File: BF101328.D  
 Acq: 12 Dec 2017 14:33

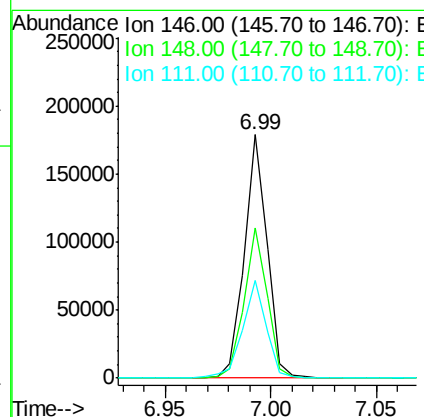
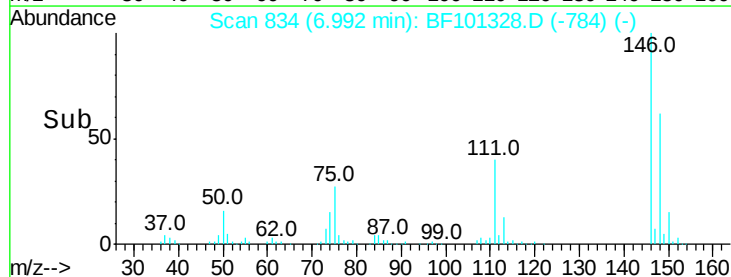
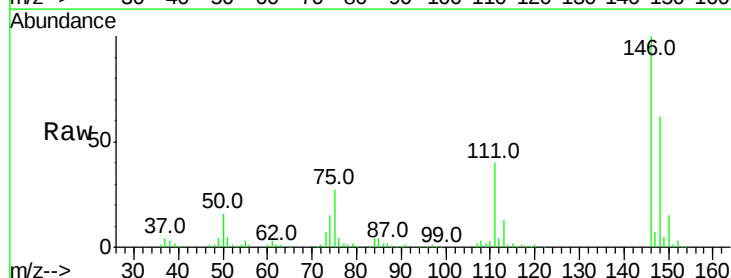
Instrument :  
 BNA\_F  
 ClientSampled :

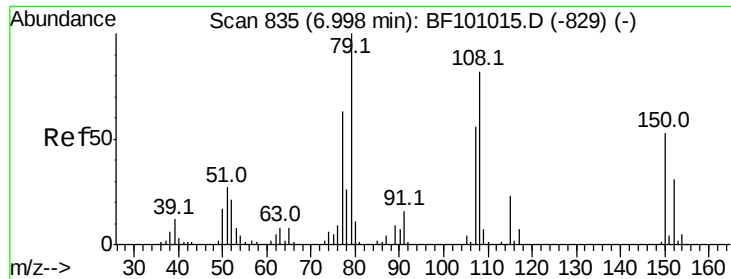
Tot Ion:146 Resp: 139672  
 Ion Ratio Lower Upper  
 146 100  
 148 63.3 50.8 76.2  
 111 38.6 34.2 51.2



#14  
 1,2-Dichlorobenzene  
 Concen: 42.138 ng  
 RT: 6.99 min Scan# 834  
 Delta R.T. -0.01 min  
 Lab File: BF101328.D  
 Acq: 12 Dec 2017 14:33

Tgt Ion:146 Resp: 132101  
 Ion Ratio Lower Upper  
 146 100  
 148 61.9 50.6 75.8  
 111 40.2 36.0 54.0

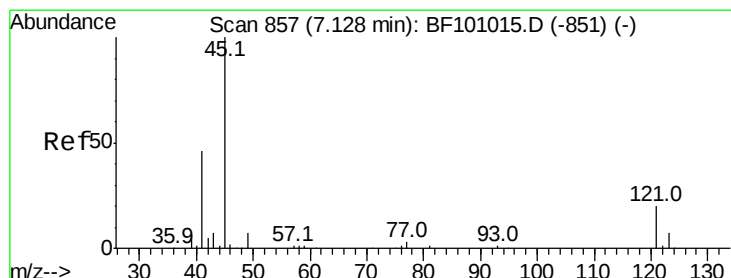
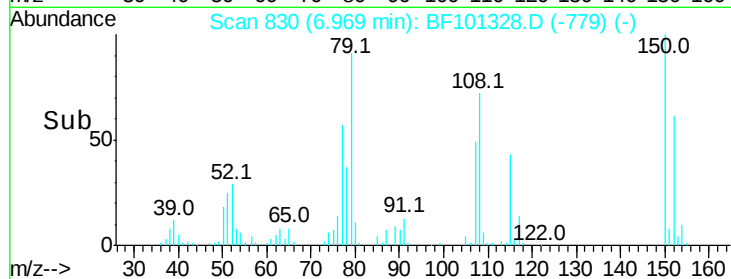
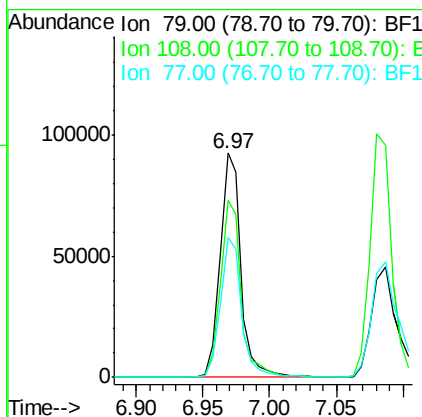
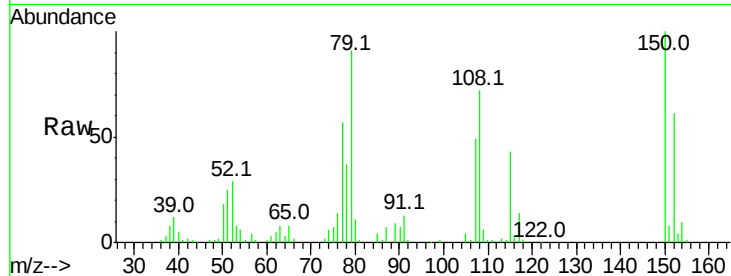




#15  
Benzyl Alcohol  
Concen: 42.504 ng  
RT: 6.97 min Scan# 830  
Delta R.T. -0.00 min  
Lab File: BF101328.D  
Acq: 12 Dec 2017 14:33

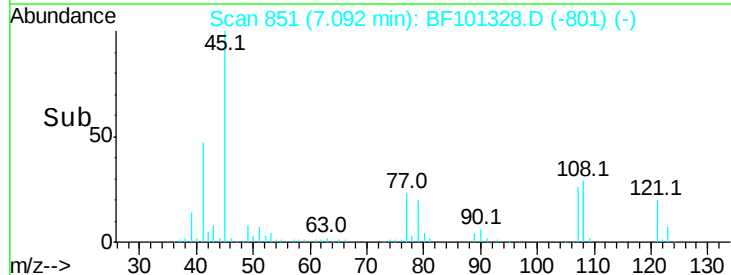
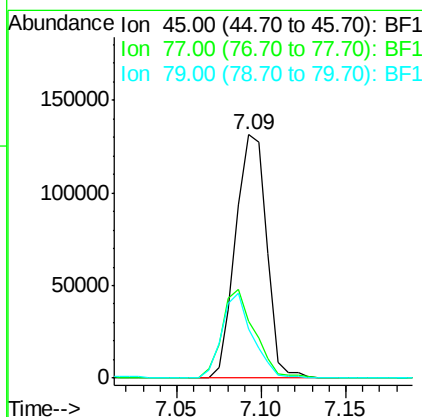
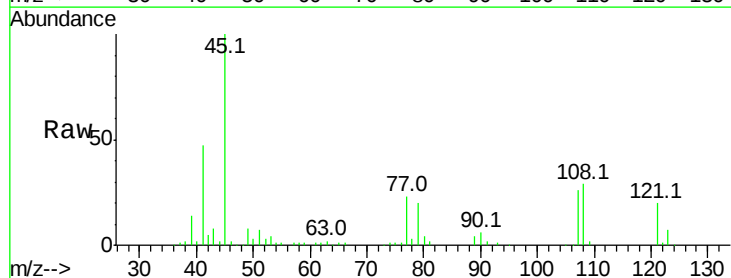
Instrument :  
BNA\_F  
ClientSampleId :

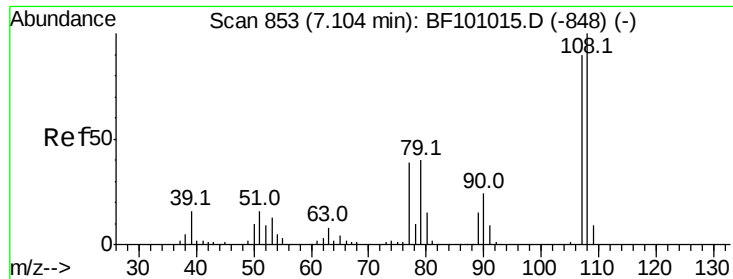
Tot Ion: 79 Resp: 101910  
Ion Ratio Lower Upper  
79 100  
108 78.9 65.1 97.7  
77 62.6 50.6 75.8



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 48.062 ng  
RT: 7.09 min Scan# 851  
Delta R.T. -0.01 min  
Lab File: BF101328.D  
Acq: 12 Dec 2017 14:33

Tgt Ion: 45 Resp: 169151  
Ion Ratio Lower Upper  
45 100  
77 23.2 0.0 32.9  
79 20.3 0.0 29.6

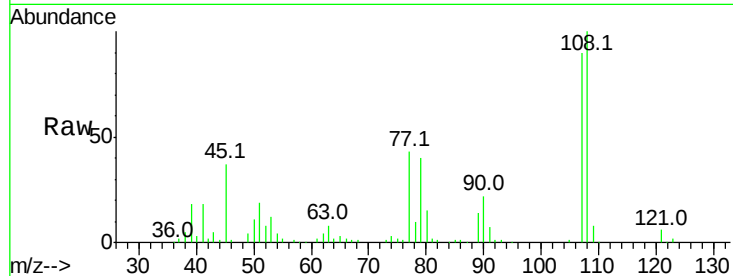




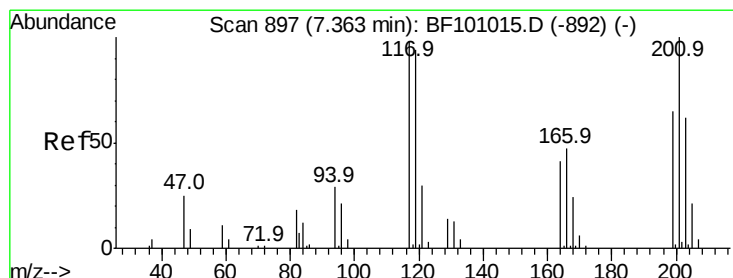
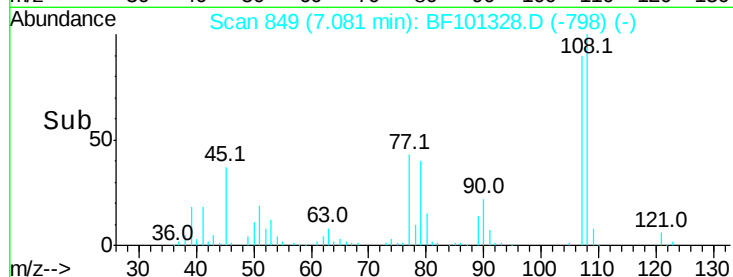
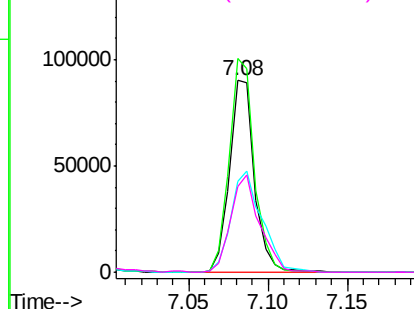
#17  
2-Methylphenol  
Concen: 43.871 ng  
RT: 7.08 min Scan# 849  
Delta R.T. -0.00 min  
Lab File: BF101328.D  
Acq: 12 Dec 2017 14:33

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:107 Resp: 98762  
Ion Ratio Lower Upper  
107 100  
108 111.5 91.7 137.5  
77 47.4 33.8 50.8  
79 44.5 33.8 50.8

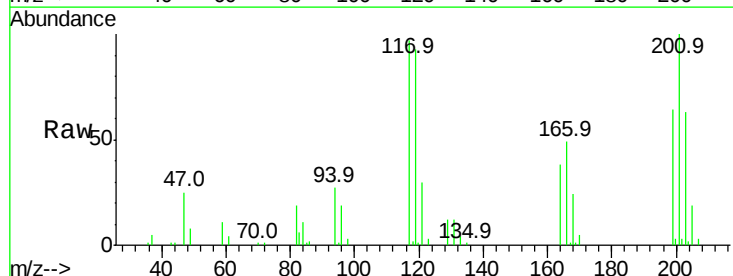


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

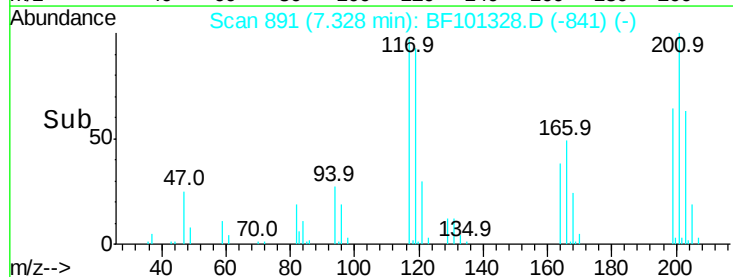
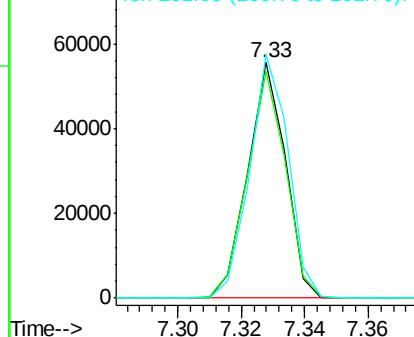


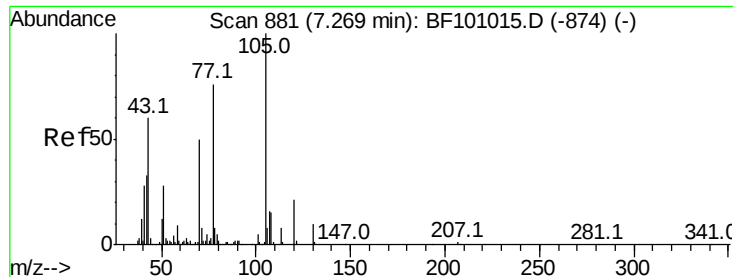
#18  
Hexachloroethane  
Concen: 42.420 ng  
RT: 7.33 min Scan# 891  
Delta R.T. -0.01 min  
Lab File: BF101328.D  
Acq: 12 Dec 2017 14:33

Tgt Ion:117 Resp: 45805  
Ion Ratio Lower Upper  
117 100  
119 96.3 75.8 113.8  
201 103.3 75.7 113.5



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

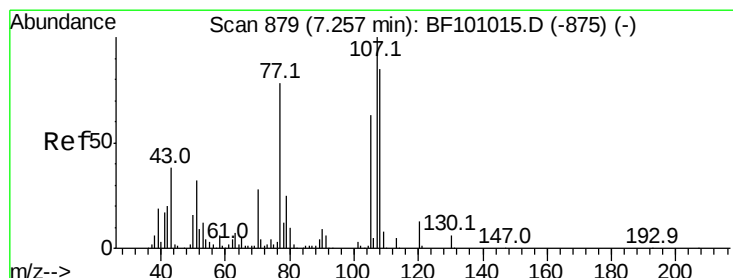
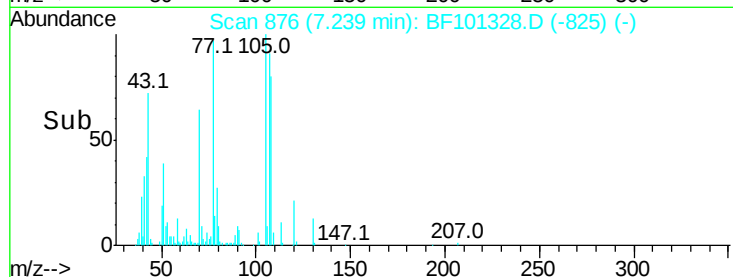
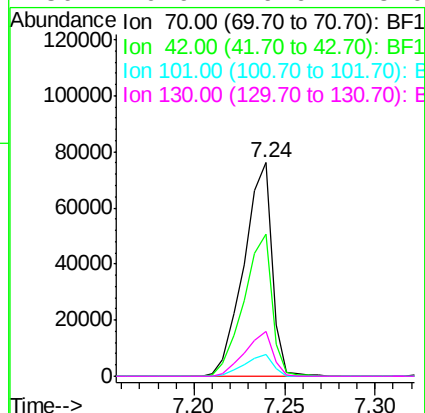
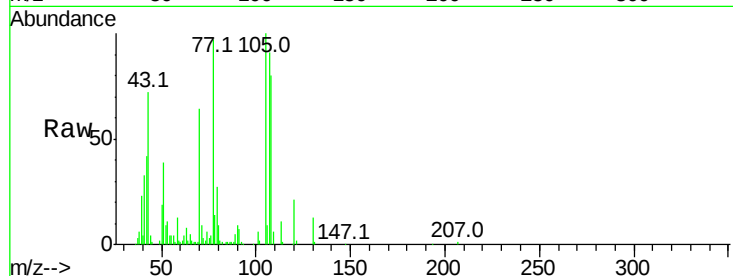




#19  
n-Nitroso-di-n-propylamine  
Concen: 39.172 ng  
RT: 7.24 min Scan# 876  
Delta R.T. -0.00 min  
Lab File: BF101328.D  
Acq: 12 Dec 2017 14:33

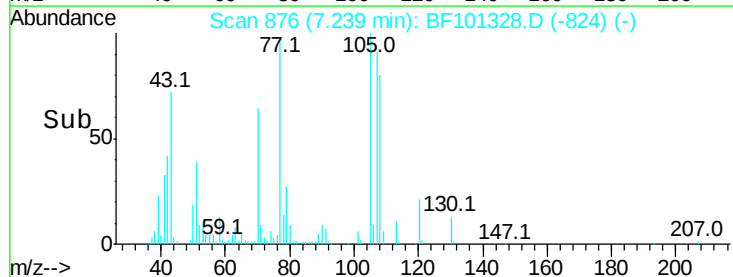
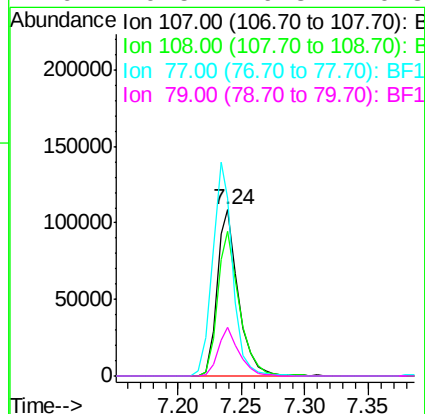
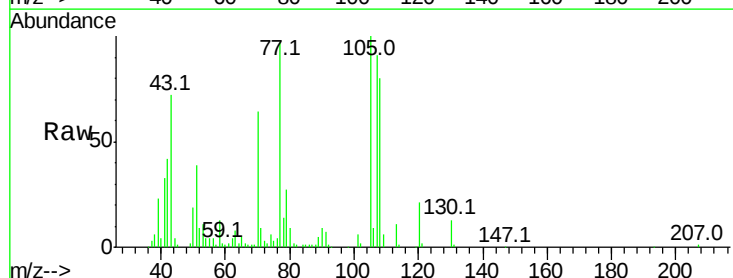
Instrument :  
BNA\_F  
ClientSampleId :

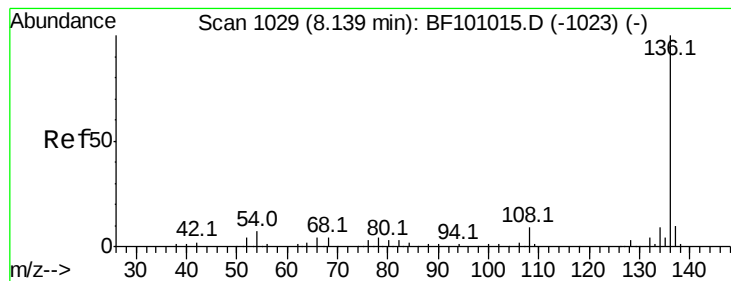
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 70    | Resp: | 81896 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 66.5  | 47.5  | 71.3  |
| 101      | 10.1  | 7.4   | 11.2  |
| 130      | 20.9  | 16.6  | 25.0  |



#20  
3+4-Methylphenols  
Concen: 43.504 ng  
RT: 7.24 min Scan# 876  
Delta R.T. 0.01 min  
Lab File: BF101328.D  
Acq: 12 Dec 2017 14:33

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 127724 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 87.4  | 68.2  | 108.2  |
| 77       | 107.1 | 26.7  | 66.7#  |
| 79       | 29.5  | 6.3   | 46.3   |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:136 Resp: 168781

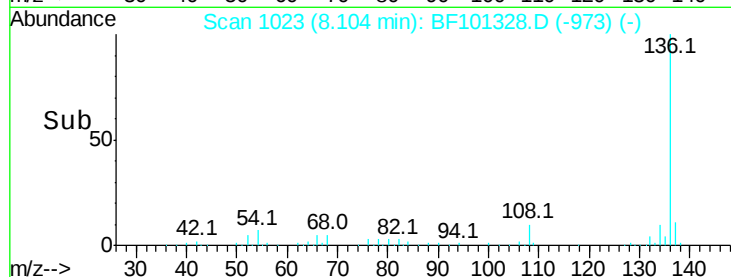
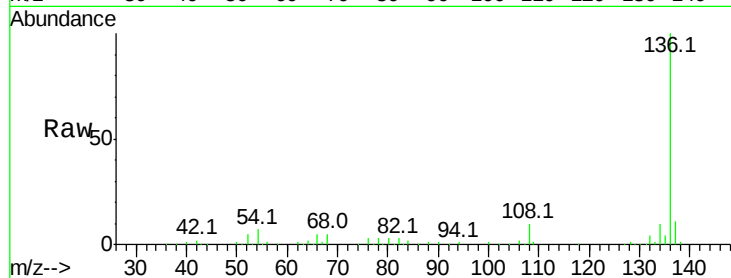
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.5 6.6 9.8

68 5.1 5.0 7.4

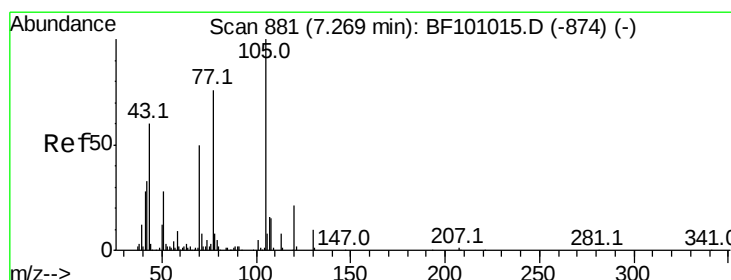
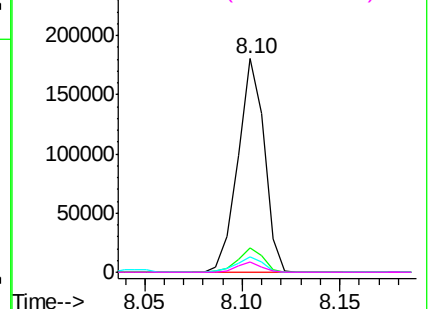


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.187 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

Tgt Ion:105 Resp: 159793

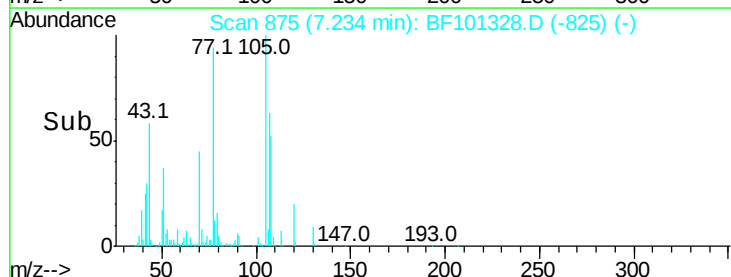
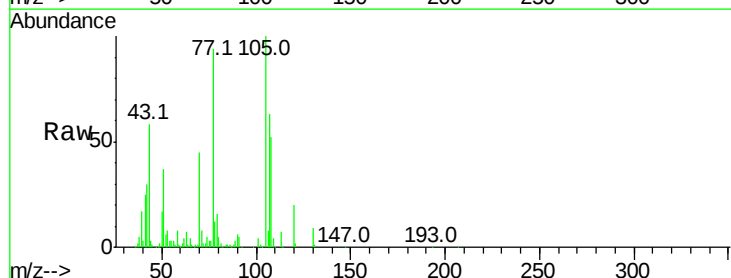
Ion Ratio Lower Upper

105 100

71 7.7 4.4 6.6#

51 37.0 22.3 33.5#

120 20.4 16.9 25.3

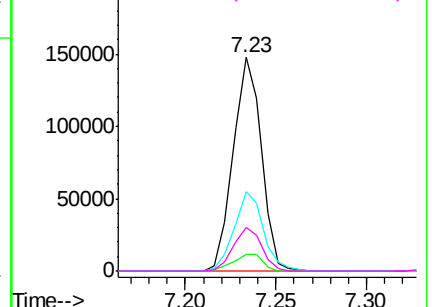


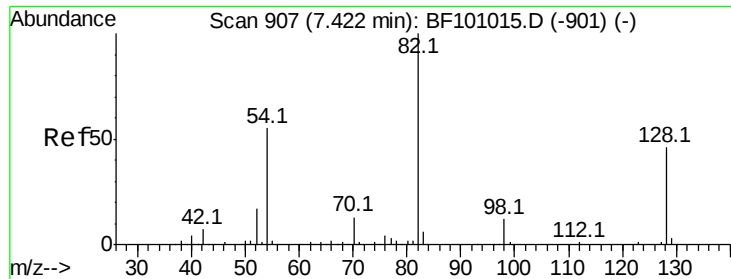
Abundance Ion 105.00 (104.70 to 105.70): E

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

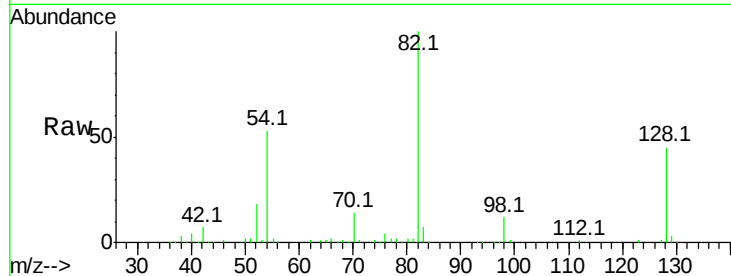




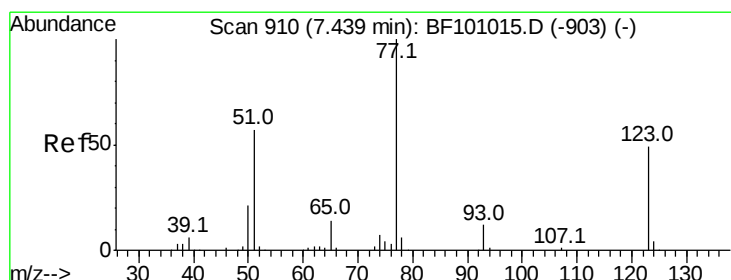
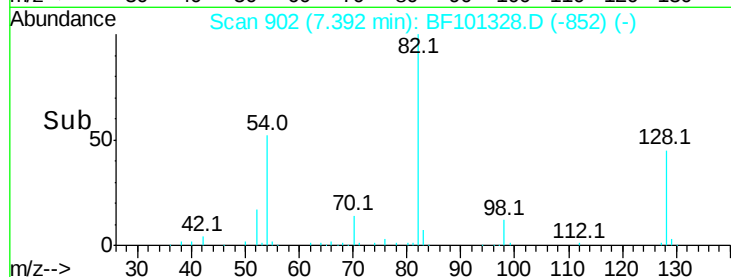
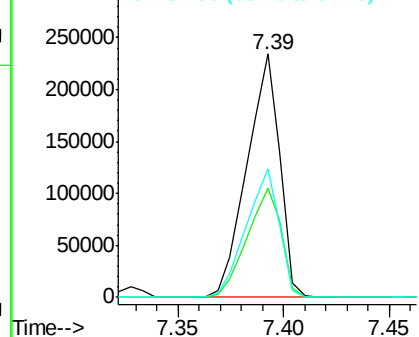
#23  
 Nitrobenzene-d5  
 Concen: 88.788 ng  
 RT: 7.39 min Scan# 902  
 Delta R.T. -0.01 min  
 Lab File: BF101328.D  
 Acq: 12 Dec 2017 14:33

Instrument :  
 BNA\_F  
 ClientSampleID :

Tot Ion: 82 Resp: 251215  
 Ion Ratio Lower Upper  
 82 100  
 128 44.9 36.1 54.1  
 54 52.6 41.4 62.2

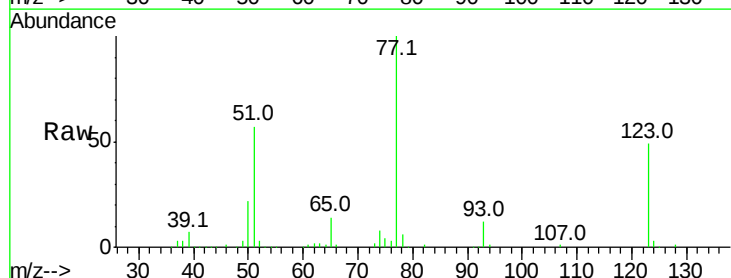


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

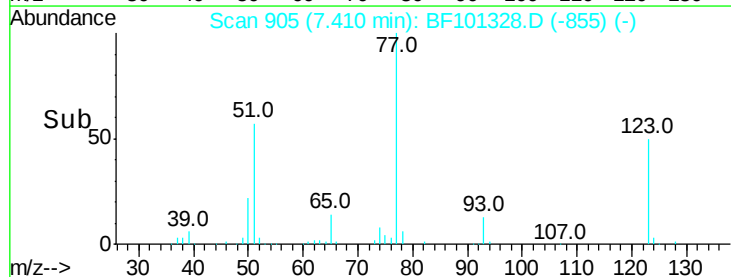
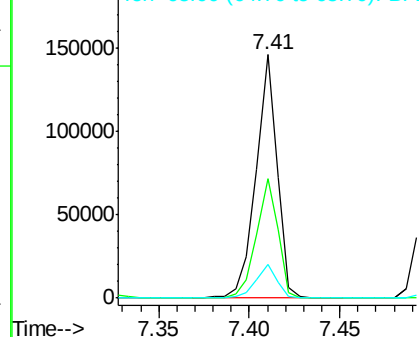


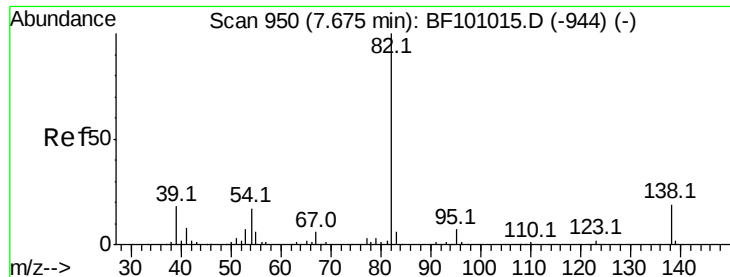
#24  
 Nitrobenzene  
 Concen: 42.842 ng  
 RT: 7.41 min Scan# 905  
 Delta R.T. -0.01 min  
 Lab File: BF101328.D  
 Acq: 12 Dec 2017 14:33

Tgt Ion: 77 Resp: 118801  
 Ion Ratio Lower Upper  
 77 100  
 123 49.3 37.9 56.9  
 65 13.7 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: 45.976 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

Instrument :

BNA\_F

ClientSampleId :

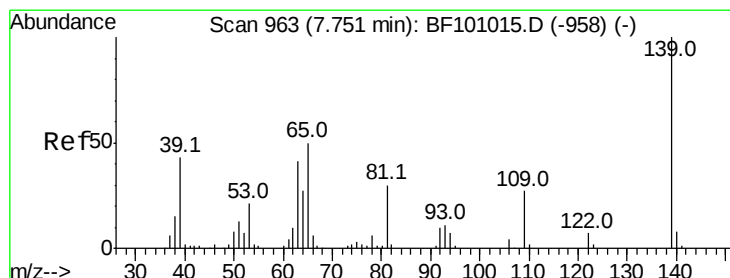
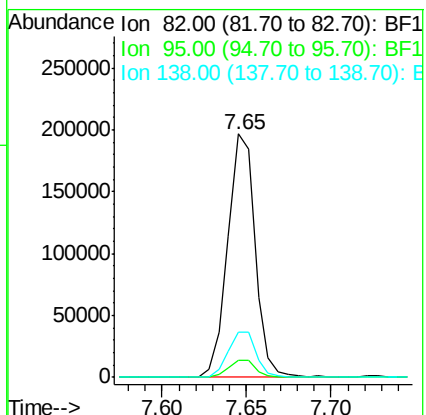
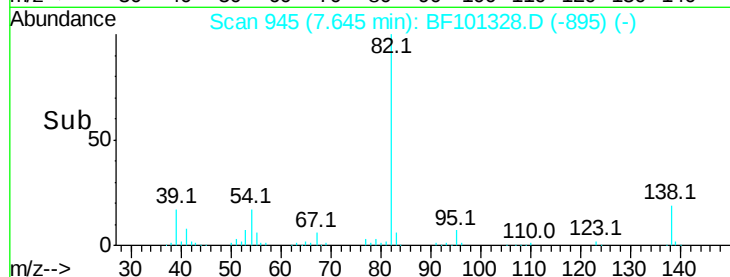
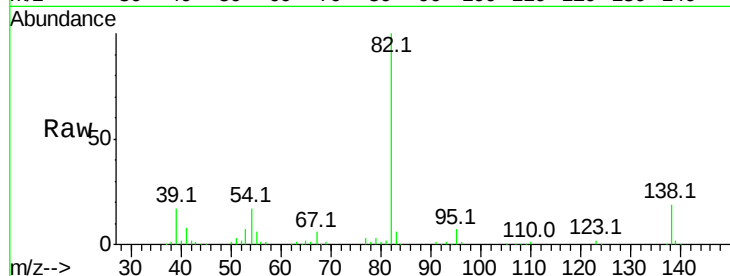
Tot Ion: 82 Resp: 222196

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

138 18.6 14.9 22.3



#26

2-Nitrophenol

Concen: 44.145 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.00 min

Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

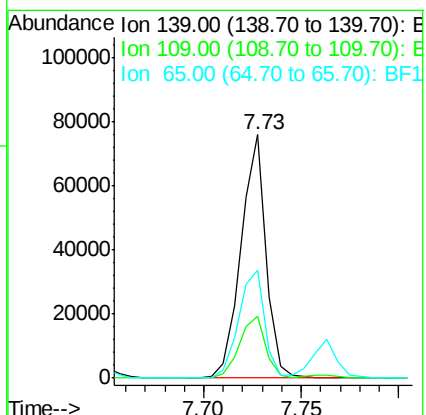
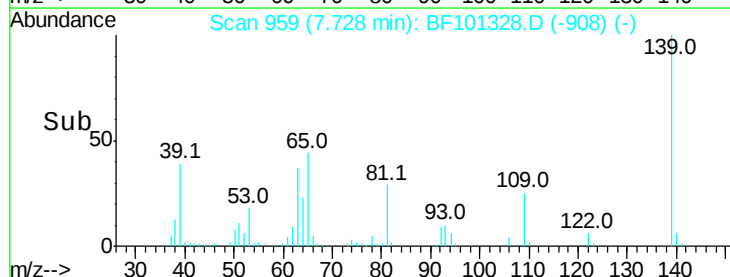
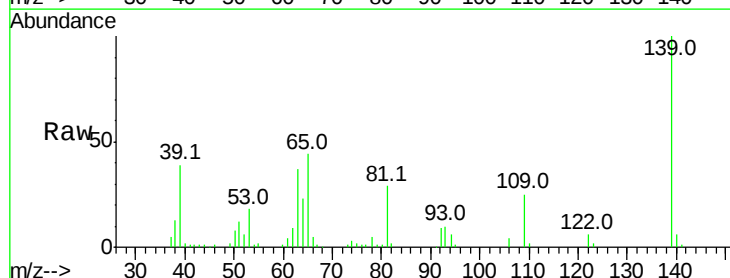
Tgt Ion: 139 Resp: 67200

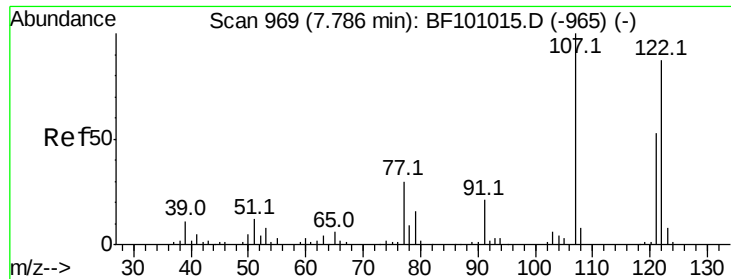
Ion Ratio Lower Upper

139 100

109 25.2 22.7 34.1

65 44.3 40.5 60.7

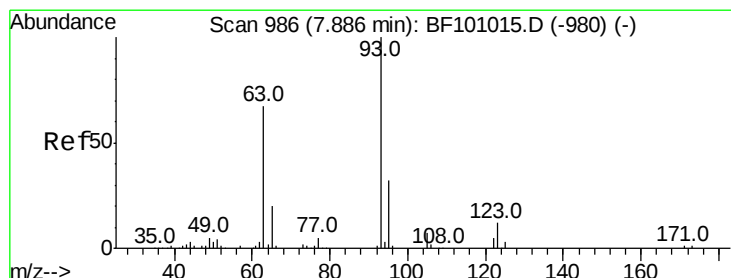
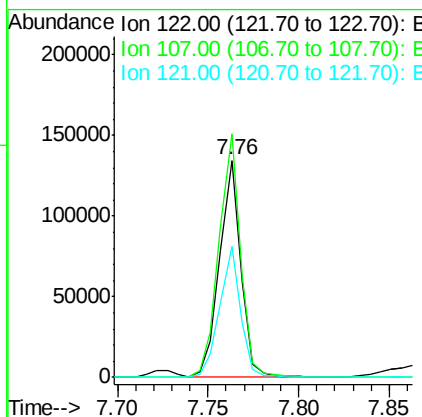
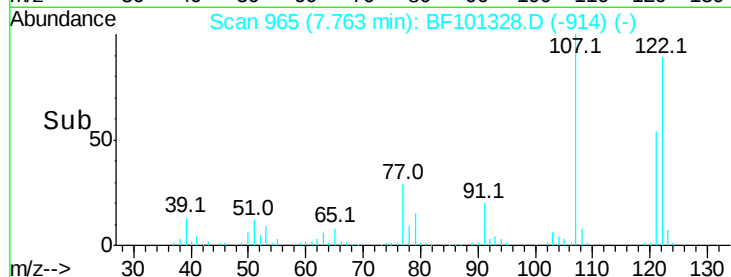
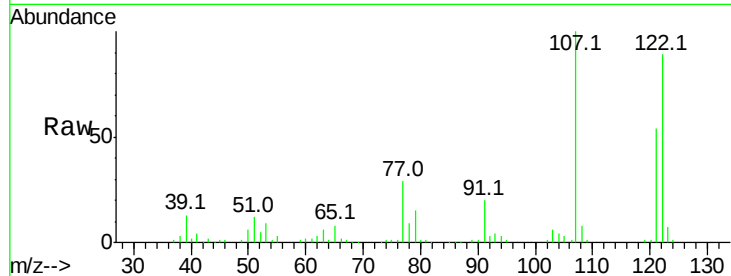




#27  
 2,4-Dimethylphenol  
 Concen: 50.300 ng  
 RT: 7.76 min Scan# 965  
 Delta R.T. -0.00 min  
 Lab File: BF101328.D  
 Acq: 12 Dec 2017 14:33

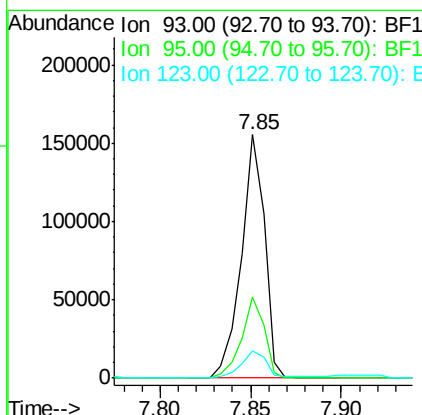
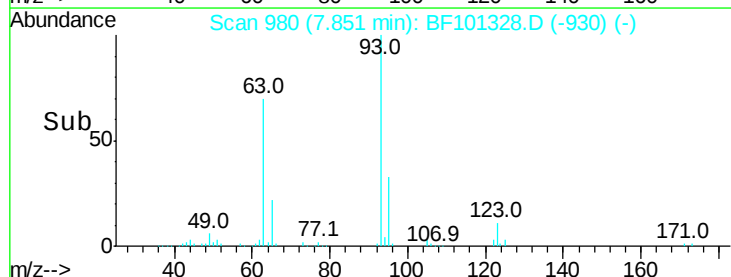
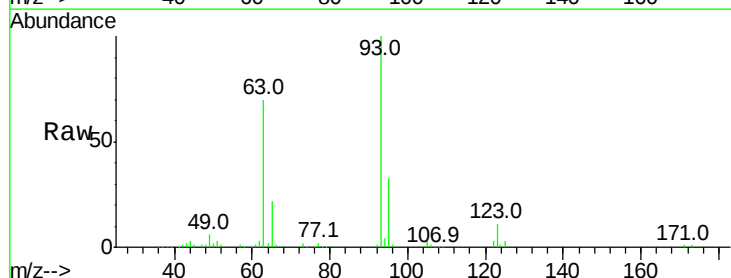
Instrument :  
 BNA\_F  
 ClientSampleId :

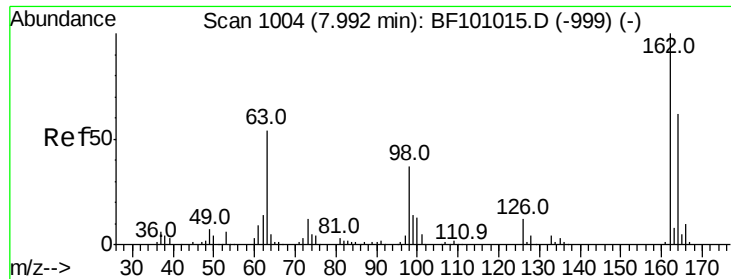
Tot Ion:122 Resp: 110765  
 Ion Ratio Lower Upper  
 122 100  
 107 112.1 91.2 136.8  
 121 60.2 47.2 70.8



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 42.525 ng  
 RT: 7.85 min Scan# 980  
 Delta R.T. -0.01 min  
 Lab File: BF101328.D  
 Acq: 12 Dec 2017 14:33

Tgt Ion: 93 Resp: 138130  
 Ion Ratio Lower Upper  
 93 100  
 95 33.4 26.3 39.5  
 123 11.4 9.8 14.6

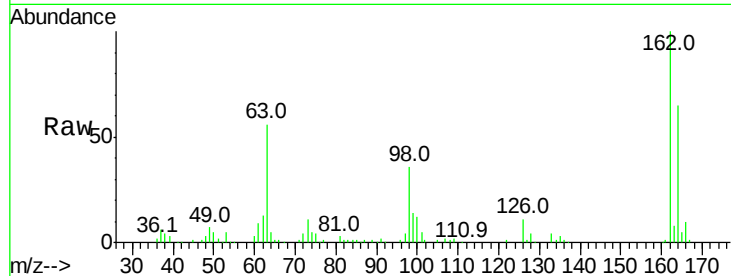




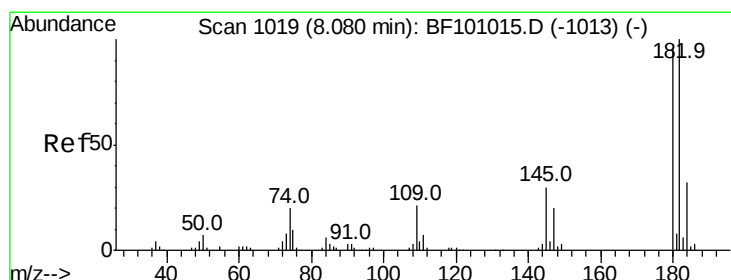
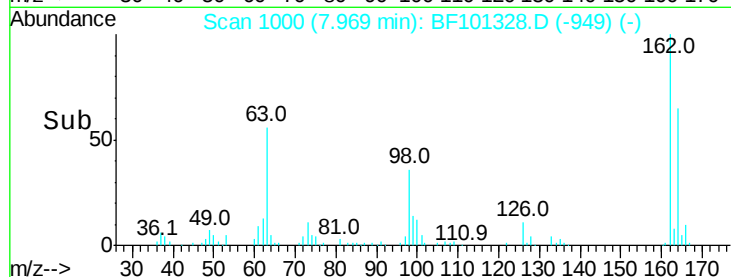
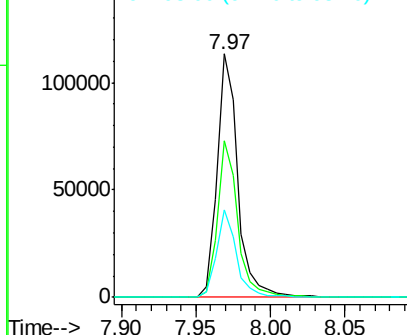
#29  
 2,4-Dichlorophenol  
 Concen: 46.015 ng  
 RT: 7.97 min Scan# 1000  
 Delta R.T. -0.00 min  
 Lab File: BF101328.D  
 Acq: 12 Dec 2017 14:33

Instrument :  
 BNA\_F  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.6  | 42.7  | 82.7  |
| 98      | 35.7  | 18.1  | 58.1  |

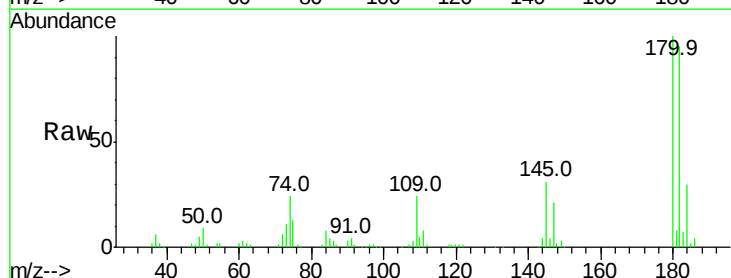


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF1

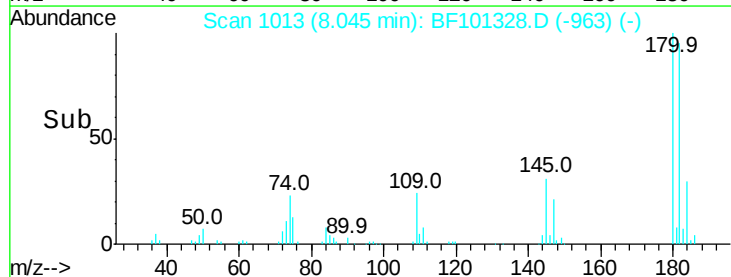
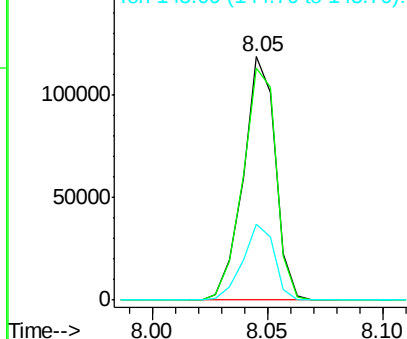


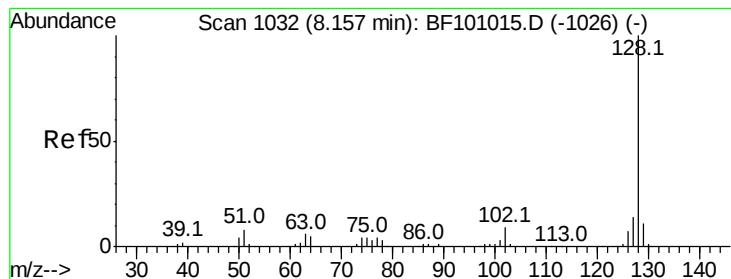
#30  
 1,2,4-Trichlorobenzene  
 Concen: 43.707 ng  
 RT: 8.05 min Scan# 1013  
 Delta R.T. -0.01 min  
 Lab File: BF101328.D  
 Acq: 12 Dec 2017 14:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.4  | 76.8  | 115.2 |
| 145     | 31.0  | 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: 42.475 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

Instrument :

BNA\_F

ClientSampleId :

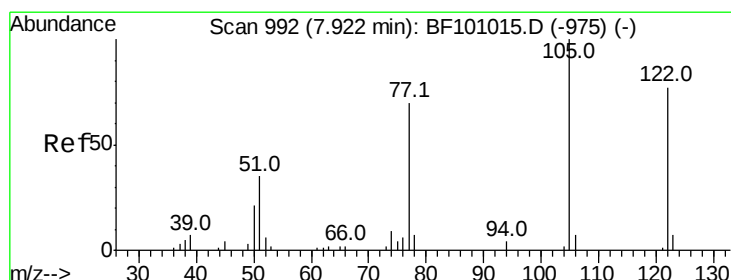
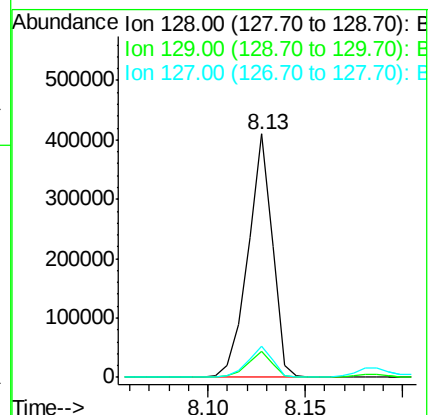
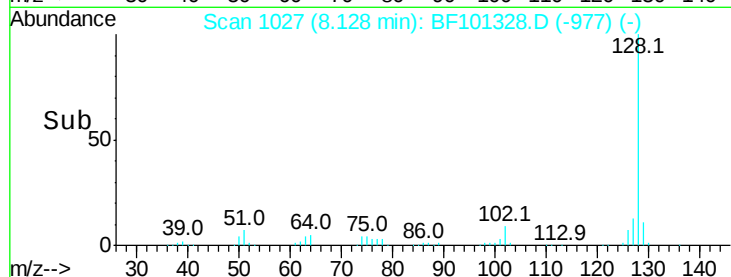
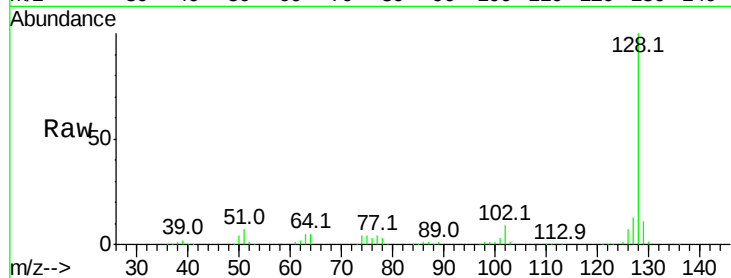
Tot Ion:128 Resp: 353324

Ion Ratio Lower Upper

128 100

129 10.7 8.8 13.2

127 12.7 10.9 16.3



#32

Benzoic acid

Concen: 43.164 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.01 min

Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

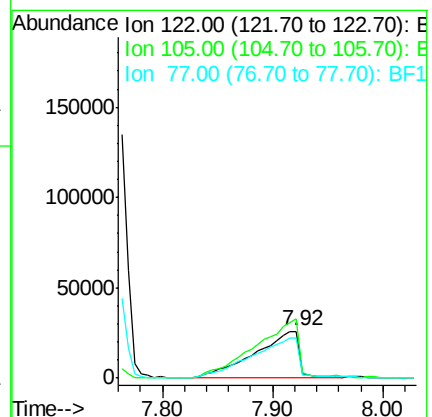
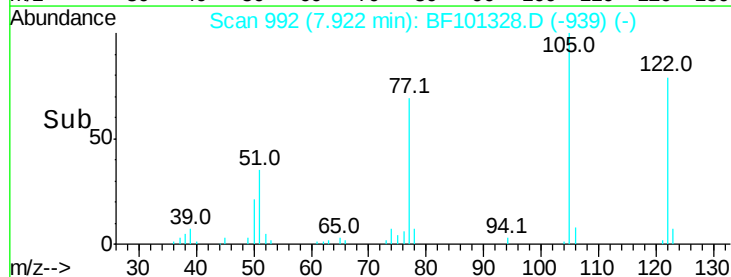
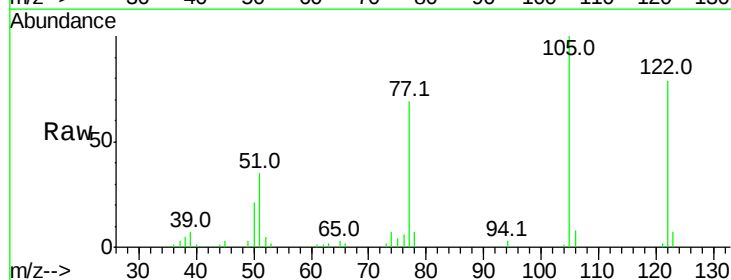
Tgt Ion:122 Resp: 73927

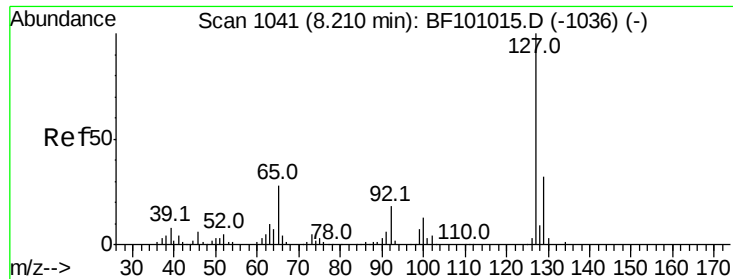
Ion Ratio Lower Upper

122 100

105 126.2 101.1 141.1

77 86.4 70.7 110.7

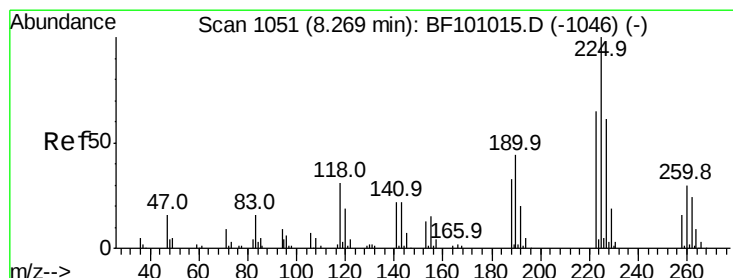
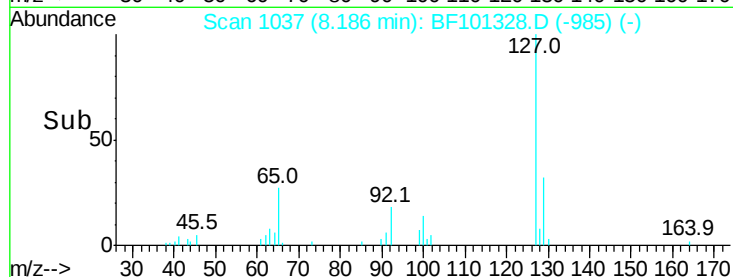
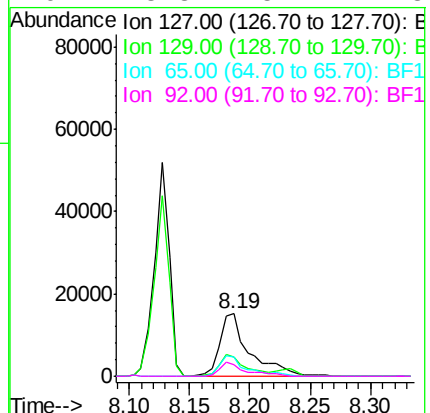
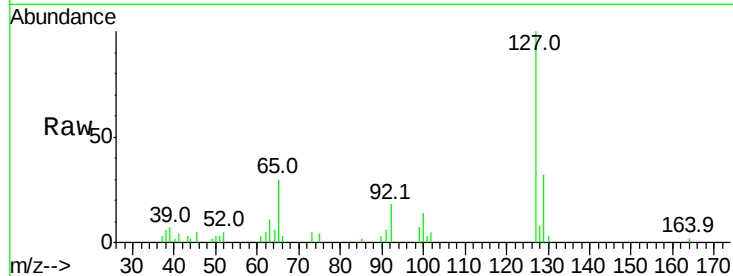




#33  
4-Chloroaniline  
Concen: 7.751 ng  
RT: 8.19 min Scan# 1037  
Delta R.T. 0.01 min  
Lab File: BF101328.D  
Acq: 12 Dec 2017 14:33

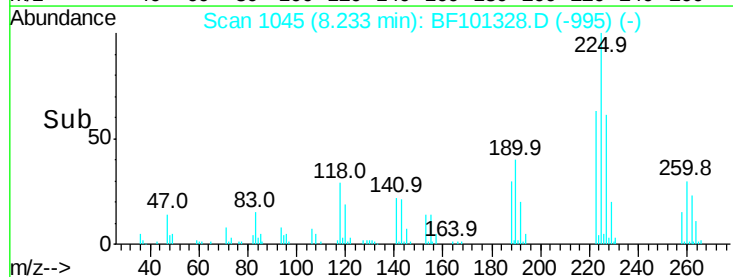
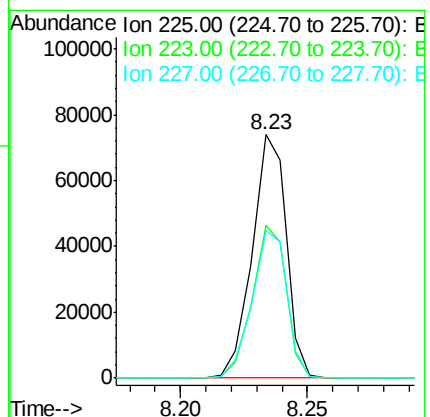
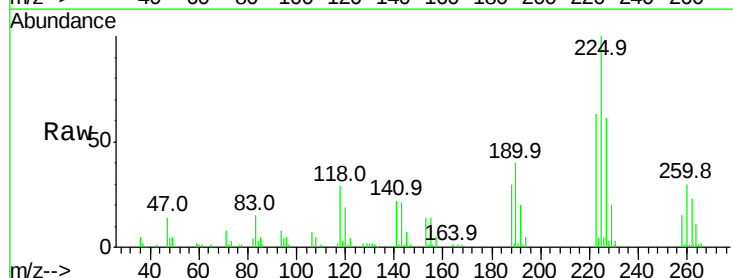
Instrument :  
BNA\_F  
ClientSampleId :

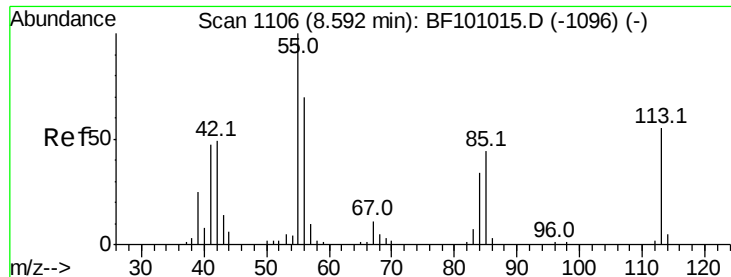
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 25906 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 31.7  | 25.9  | 38.9  |
| 65       | 30.0  | 25.0  | 37.4  |
| 92       | 18.3  | 15.2  | 22.8  |



#34  
Hexachlorobutadiene  
Concen: 42.886 ng  
RT: 8.23 min Scan# 1045  
Delta R.T. -0.01 min  
Lab File: BF101328.D  
Acq: 12 Dec 2017 14:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 69327 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 62.7  | 50.6  | 76.0  |
| 227      | 60.8  | 51.9  | 77.9  |





#35

Caprolactam

Concen: 25.726 ng

RT: 8.56 min Scan# 1101

Delta R.T. -0.00 min

Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

Instrument :

BNA\_F

ClientSampleId :

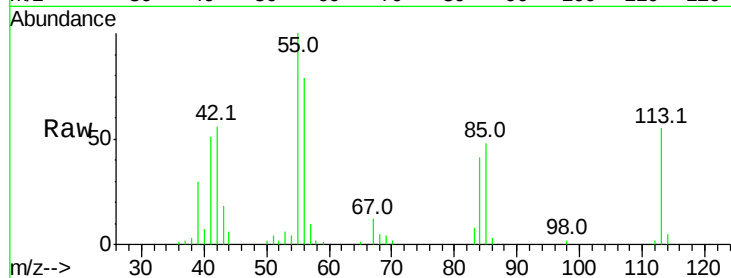
Tot Ion:113 Resp: 19217

Ion Ratio Lower Upper

113 100

55 181.2 163.3 203.3

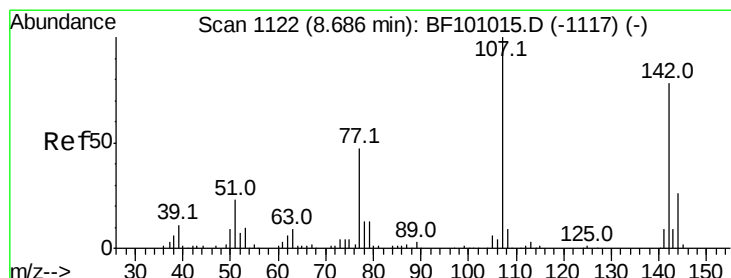
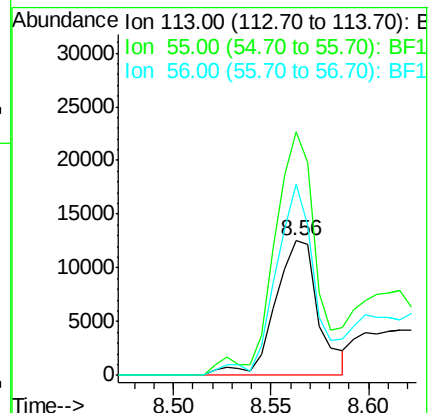
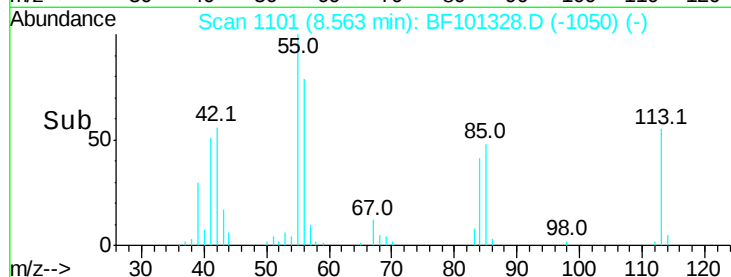
56 142.4 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 45.073 ng

RT: 8.67 min Scan# 1120

Delta R.T. 0.01 min

Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

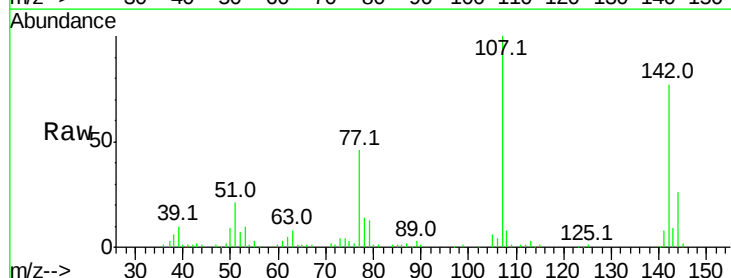
Tgt Ion:107 Resp: 111912

Ion Ratio Lower Upper

107 100

144 25.6 20.5 30.7

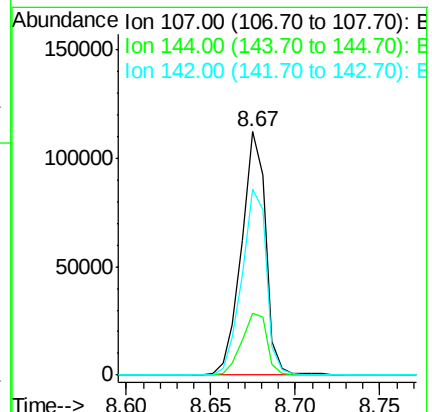
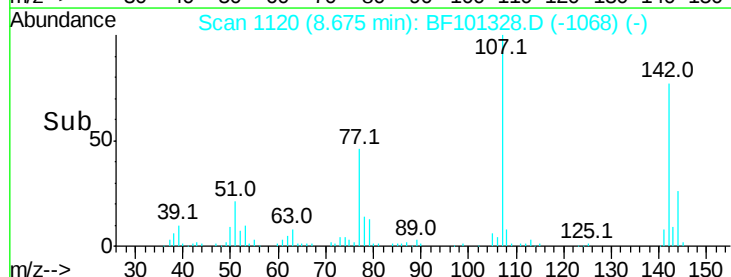
142 76.6 62.0 93.0

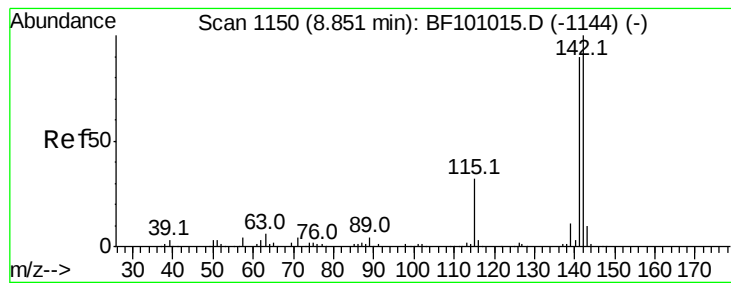


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

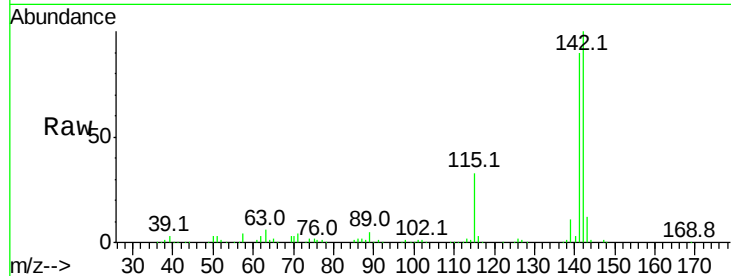




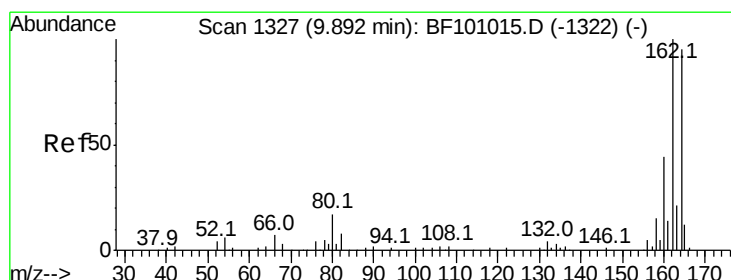
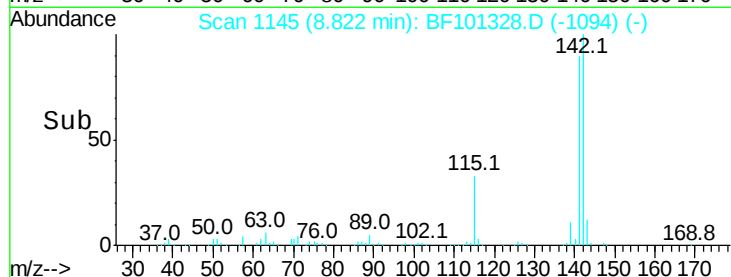
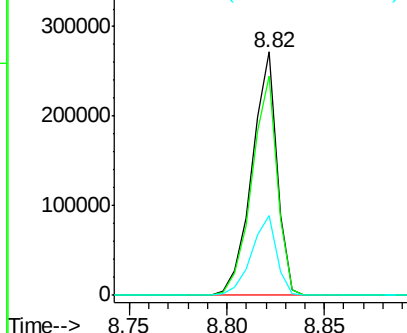
#37  
2-Methylnaphthalene  
Concen: 42.919 ng  
RT: 8.82 min Scan# 1145  
Delta R.T. -0.00 min  
Lab File: BF101328.D  
Acq: 12 Dec 2017 14:33

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:142 Resp: 242589  
Ion Ratio Lower Upper  
142 100  
141 90.2 70.8 106.2  
115 32.9 26.1 39.1

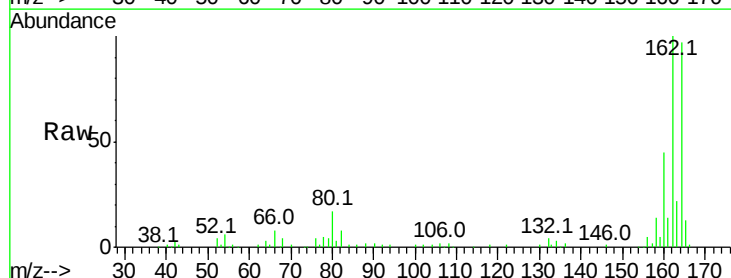


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

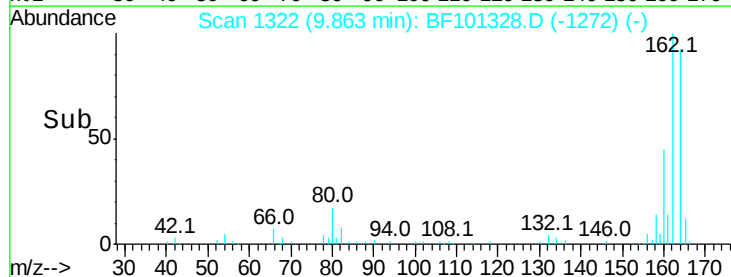
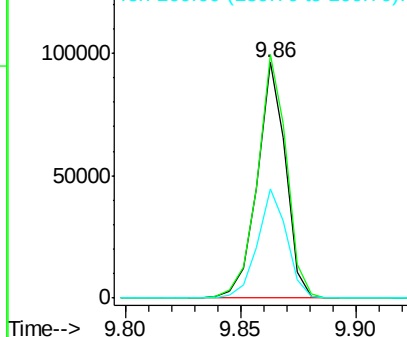


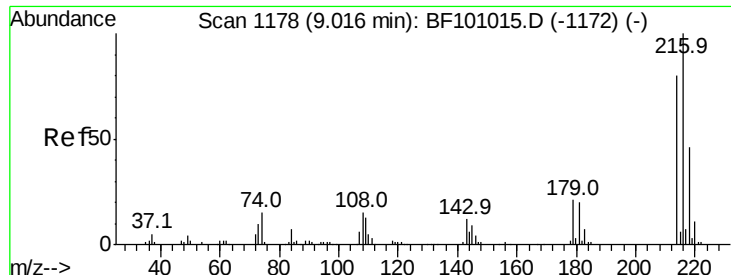
#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.86 min Scan# 1322  
Delta R.T. -0.01 min  
Lab File: BF101328.D  
Acq: 12 Dec 2017 14:33

Tgt Ion:164 Resp: 82275  
Ion Ratio Lower Upper  
164 100  
162 103.4 86.1 129.1  
160 46.5 38.3 57.5



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

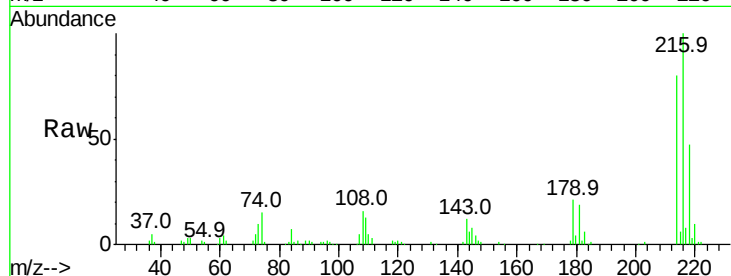




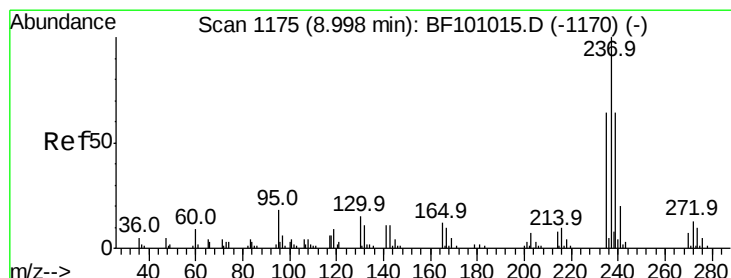
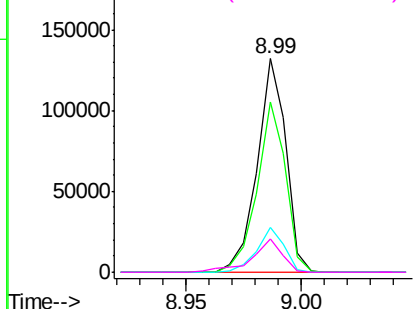
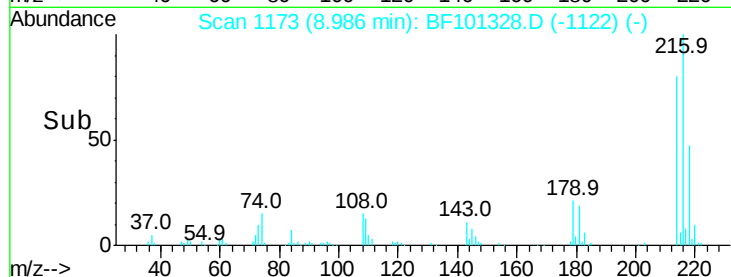
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 38.462 ng  
 RT: 8.99 min Scan# 1173  
 Delta R.T. -0.00 min  
 Lab File: BF101328.D  
 Acq: 12 Dec 2017 14:33

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.2  | 63.0  | 94.4  |
| 179     | 20.3  | 18.1  | 27.1  |
| 108     | 16.6  | 17.2  | 25.8  |

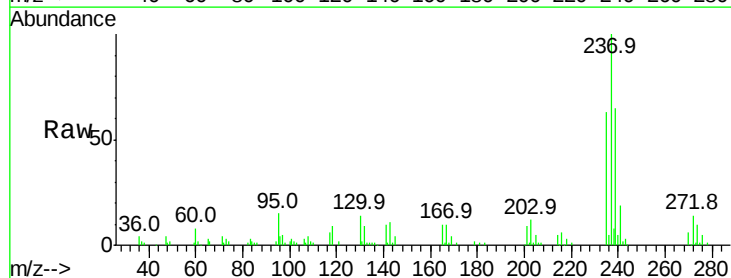


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

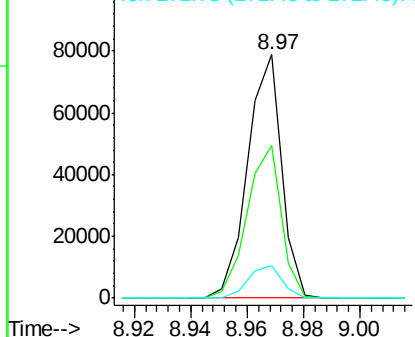
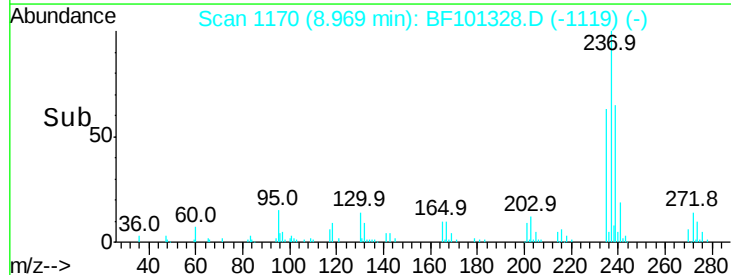


#40  
 Hexachlorocyclopentadiene  
 Concen: 62.305 ng  
 RT: 8.97 min Scan# 1170  
 Delta R.T. -0.00 min  
 Lab File: BF101328.D  
 Acq: 12 Dec 2017 14:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 62.5  | 44.8  | 84.8  |
| 272     | 13.5  | 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: 126.153 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.00 min

Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

Instrument :

BNA\_F

ClientSampleId :

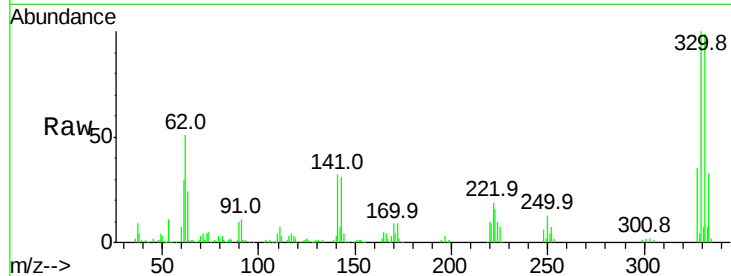
Tot Ion:330 Resp: 124684

Ion Ratio Lower Upper

330 100

332 97.6 77.0 115.6

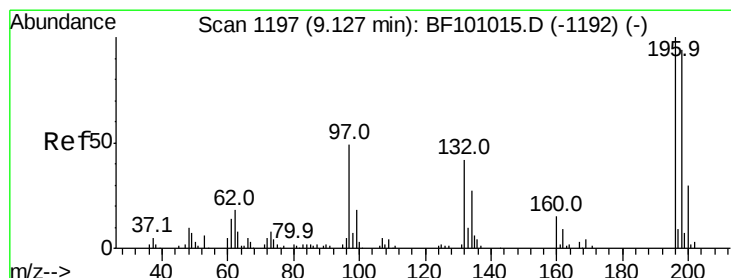
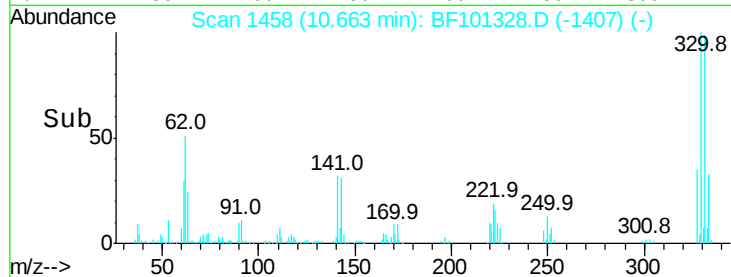
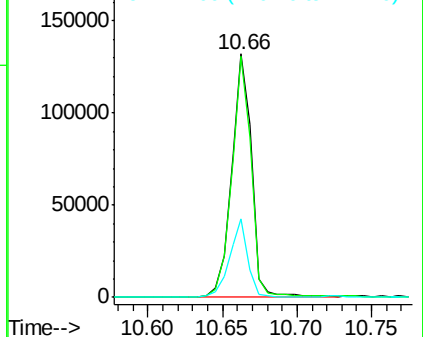
141 30.0 29.9 44.9



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 45.185 ng

RT: 9.10 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

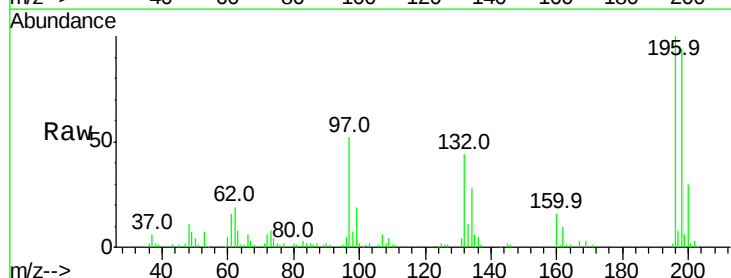
Tgt Ion:196 Resp: 79169

Ion Ratio Lower Upper

196 100

198 93.6 75.7 113.5

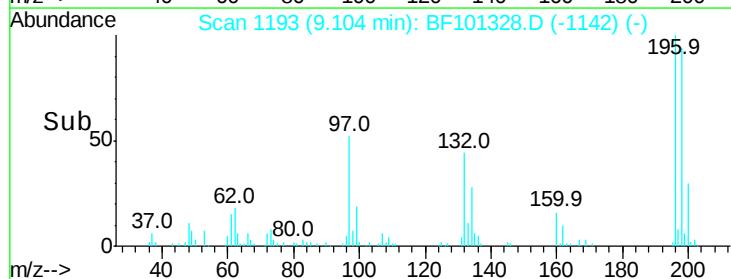
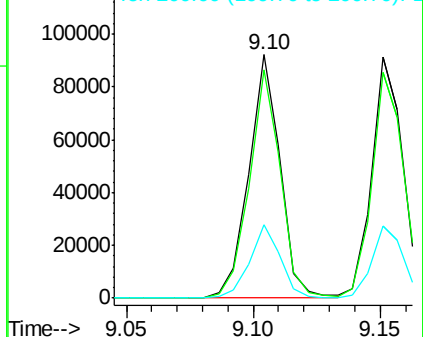
200 29.9 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

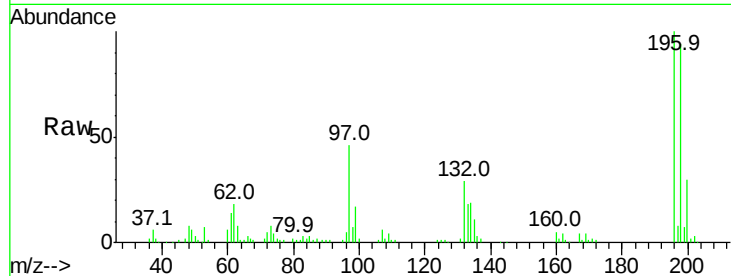




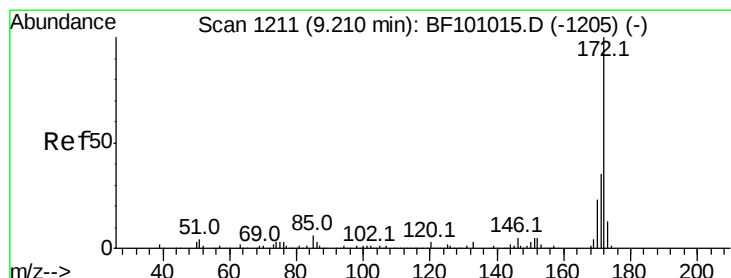
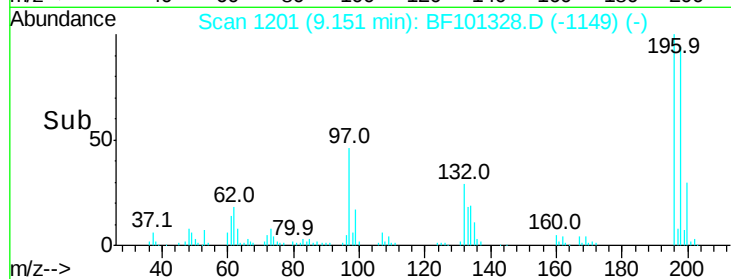
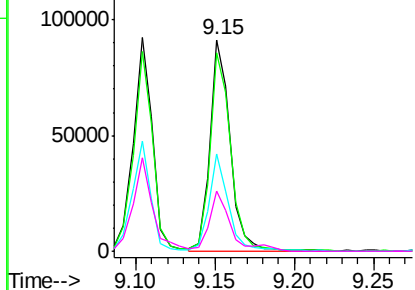
#43  
 2,4,5-Trichlorophenol  
 Concen: 43.792 ng  
 RT: 9.15 min Scan# 1201  
 Delta R.T. 0.01 min  
 Lab File: BF101328.D  
 Acq: 12 Dec 2017 14:33

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:196 Resp: 82028  
 Ion Ratio Lower Upper  
 196 100  
 198 93.8 74.6 112.0  
 97 46.0 42.9 64.3  
 132 28.7 26.3 39.5

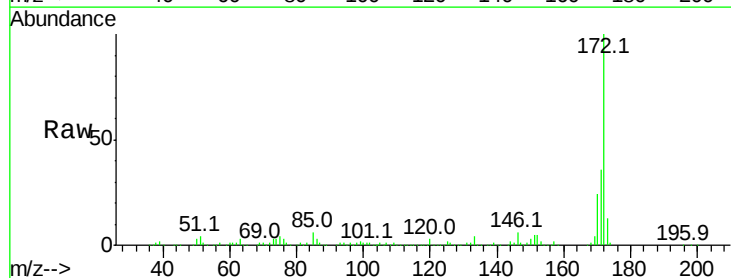


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF1  
 Ion 132.00 (131.70 to 132.70): E

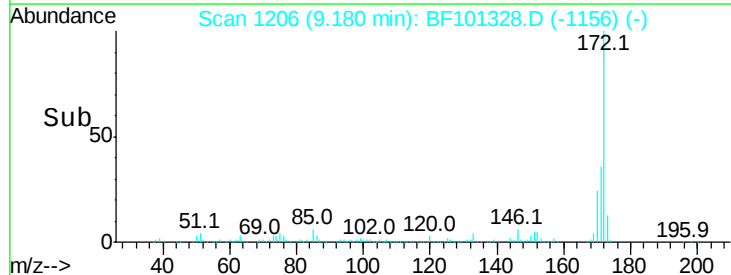
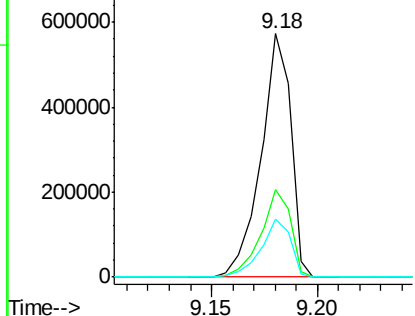


#44  
 2-Fluorobiphenyl  
 Concen: 93.730 ng  
 RT: 9.18 min Scan# 1206  
 Delta R.T. -0.01 min  
 Lab File: BF101328.D  
 Acq: 12 Dec 2017 14:33

Tgt Ion:172 Resp: 563636  
 Ion Ratio Lower Upper  
 172 100  
 171 36.0 29.7 44.5  
 170 24.1 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 38.523 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.00 min

Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

Instrument :

BNA\_F

ClientSampleId :

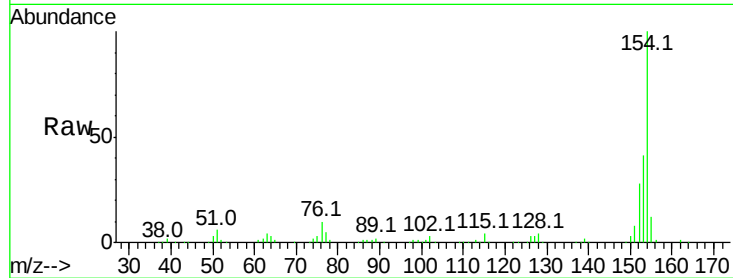
Tot Ion:154 Resp: 290388

Ion Ratio Lower Upper

154 100

153 40.8 21.3 61.3

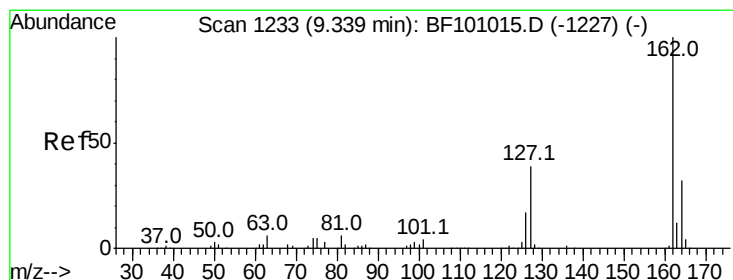
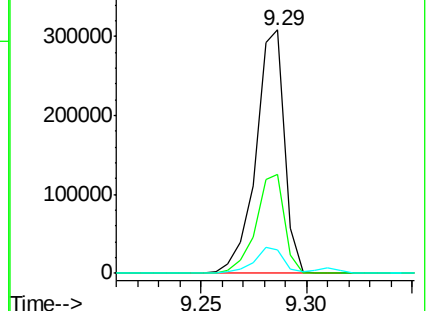
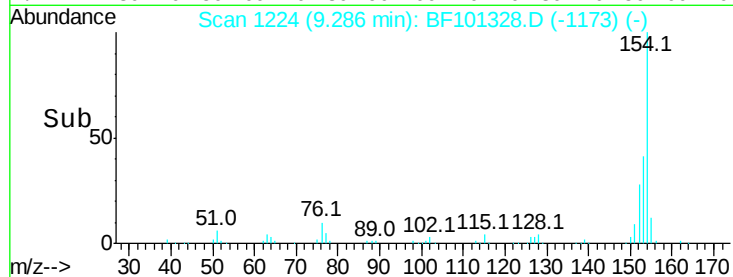
76 9.8 0.0 34.0



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: 43.840 ng

RT: 9.31 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

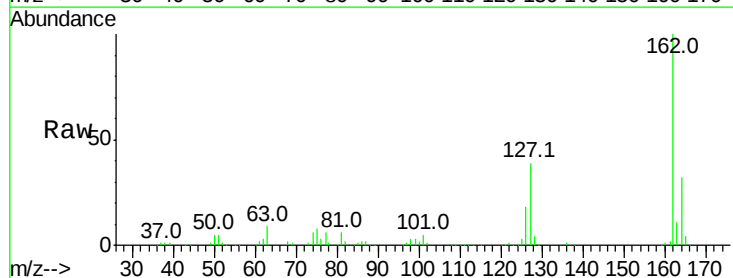
Tgt Ion:162 Resp: 234694

Ion Ratio Lower Upper

162 100

127 39.3 33.9 50.9

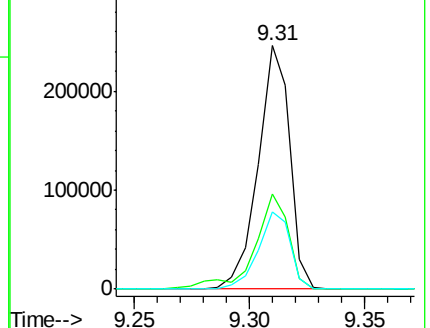
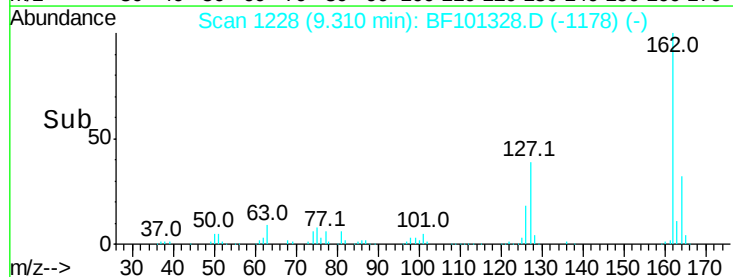
164 31.8 26.5 39.7

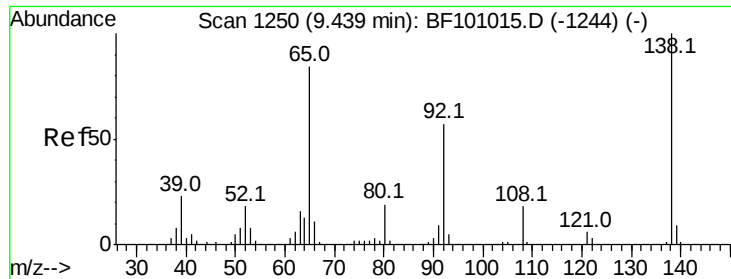


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

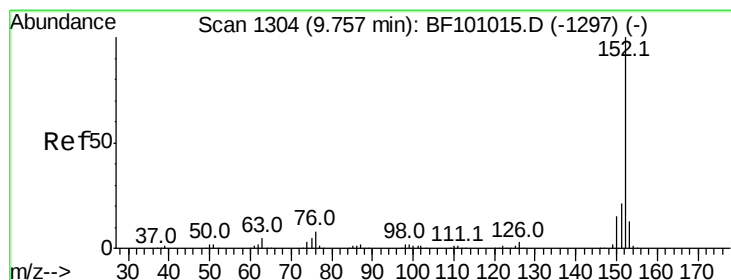
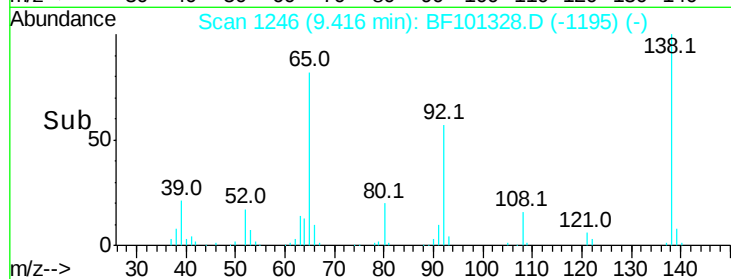
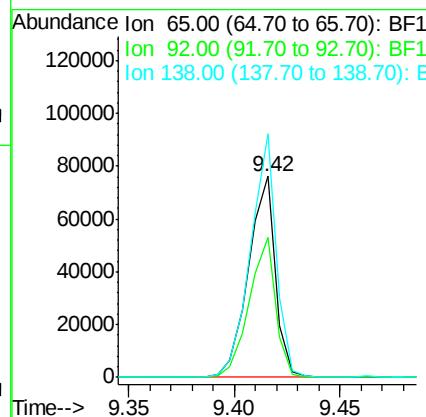
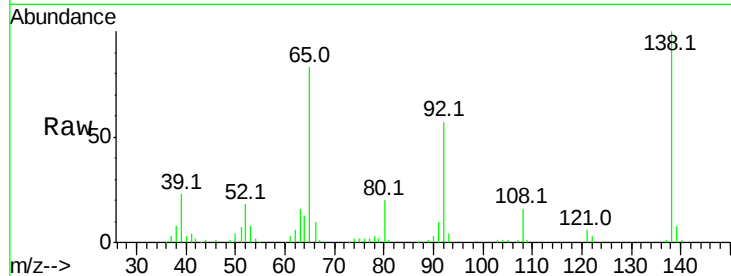




#47  
 2-Nitroaniline  
 Concen: 42.611 ng  
 RT: 9.42 min Scan# 1246  
 Delta R.T. -0.00 min  
 Lab File: BF101328.D  
 Acq: 12 Dec 2017 14:33

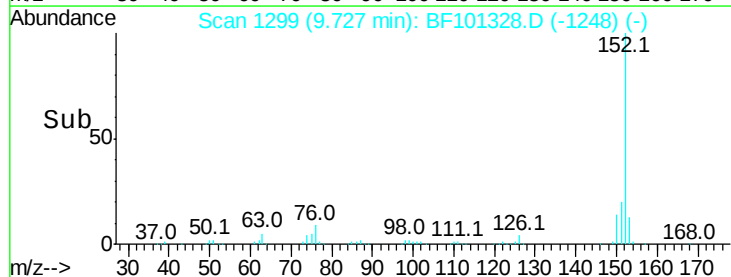
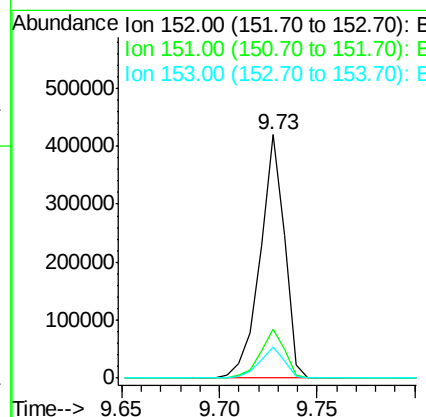
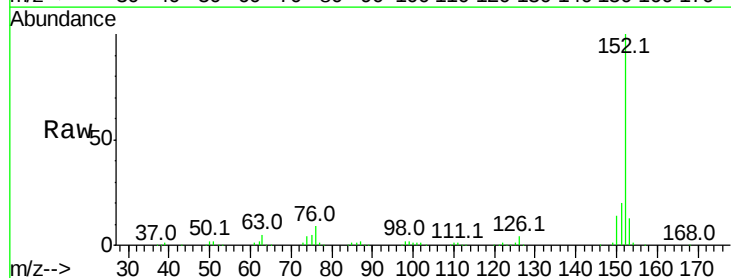
Instrument :  
 BNA\_F  
 ClientSampleId :

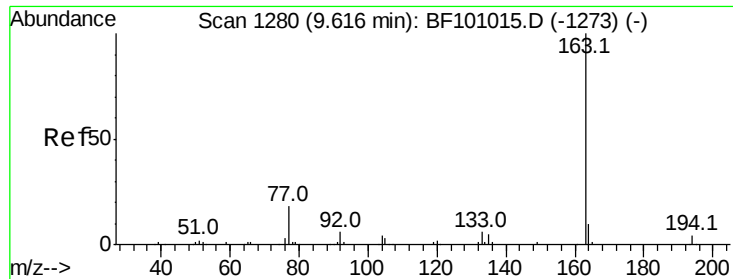
Tot Ion: 65 Resp: 67490  
 Ion Ratio Lower Upper  
 65 100  
 92 69.6 55.8 83.6  
 138 121.2 91.2 136.8



#48  
 Acenaphthylene  
 Concen: 41.263 ng  
 RT: 9.73 min Scan# 1299  
 Delta R.T. -0.00 min  
 Lab File: BF101328.D  
 Acq: 12 Dec 2017 14:33

Tgt Ion:152 Resp: 363017  
 Ion Ratio Lower Upper  
 152 100  
 151 20.1 16.3 24.5  
 153 12.9 10.7 16.1

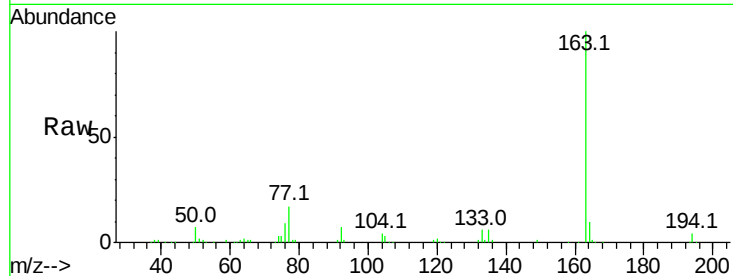




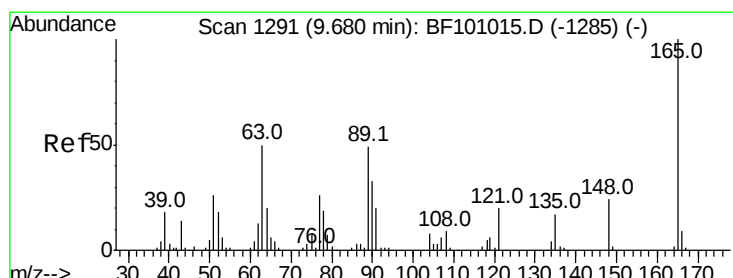
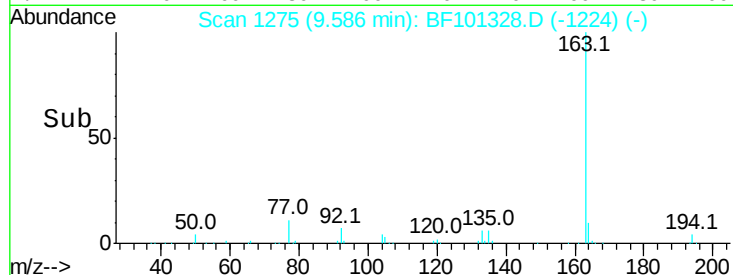
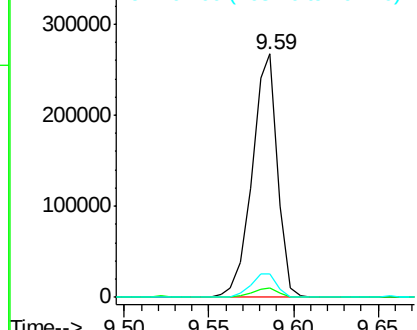
#49  
Dimethylphthalate  
Concen: 42.180 ng  
RT: 9.59 min Scan# 1275  
Delta R.T. -0.00 min  
Lab File: BF101328.D  
Acq: 12 Dec 2017 14:33

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:163 Resp: 279875  
Ion Ratio Lower Upper  
163 100  
194 3.9 2.7 4.1  
164 9.8 8.2 12.2

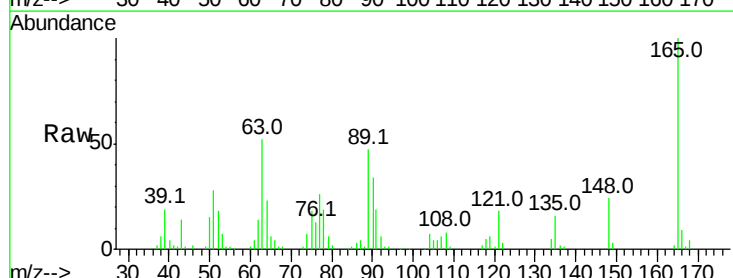


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

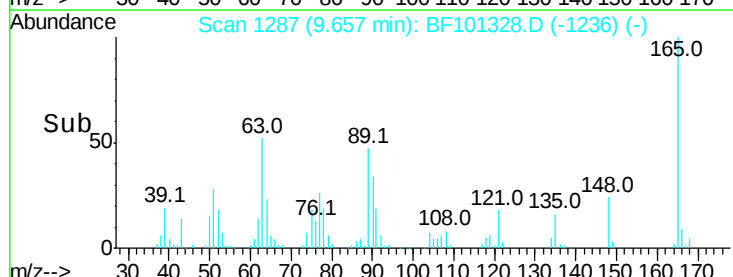
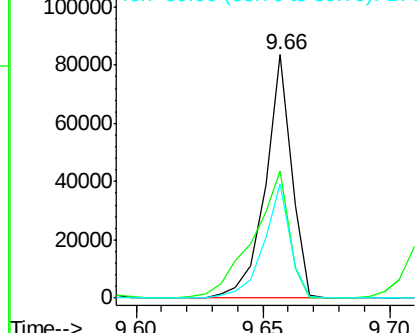


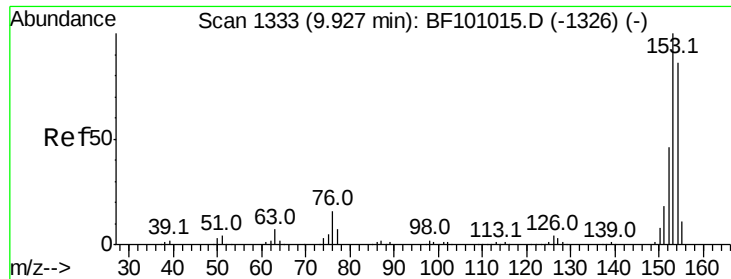
#50  
2,6-Dinitrotoluene  
Concen: 43.407 ng  
RT: 9.66 min Scan# 1287  
Delta R.T. -0.00 min  
Lab File: BF101328.D  
Acq: 12 Dec 2017 14:33

Tgt Ion:165 Resp: 60663  
Ion Ratio Lower Upper  
165 100  
63 52.0 44.7 67.1  
89 46.8 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 41.312 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

Instrument :

BNA\_F

ClientSampleId :

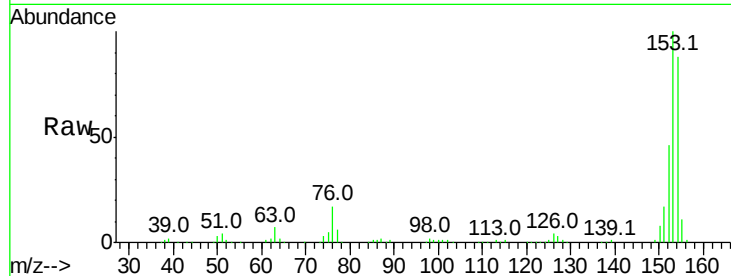
Tot Ion:154 Resp: 217631

Ion Ratio Lower Upper

154 100

153 114.1 91.2 136.8

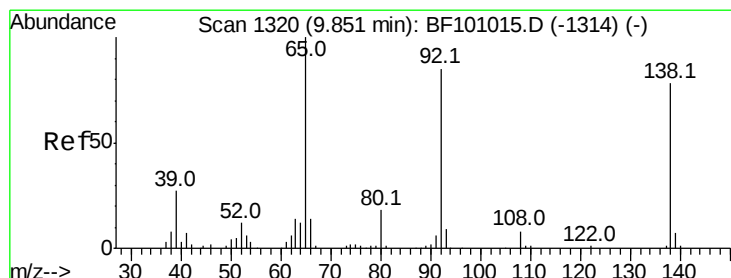
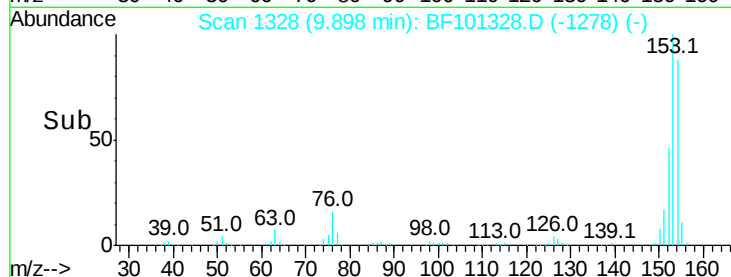
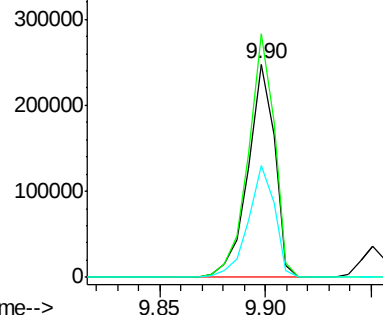
152 52.3 43.8 65.8



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: 15.171 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

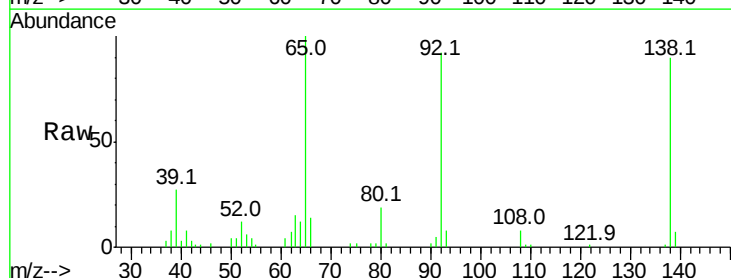
Tgt Ion:138 Resp: 23843

Ion Ratio Lower Upper

138 100

108 9.2 9.4 14.0#

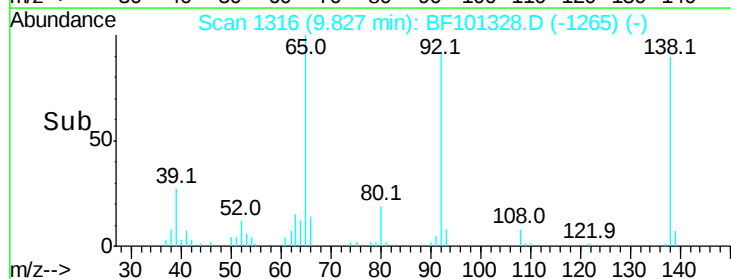
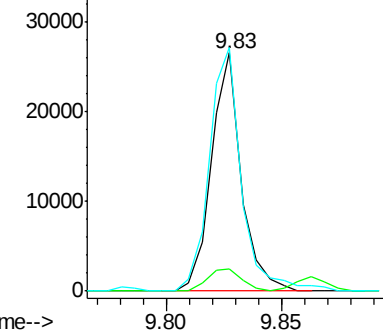
92 102.2 89.4 134.2

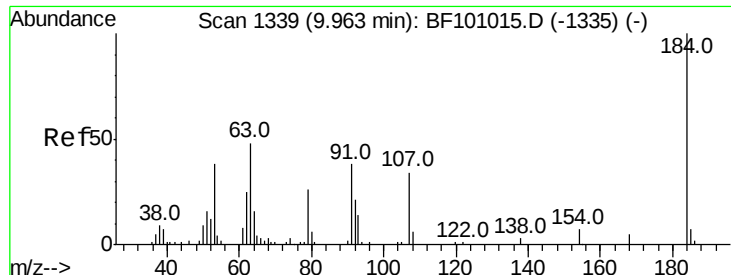


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

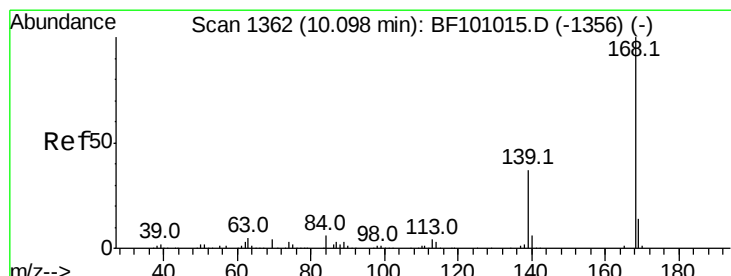
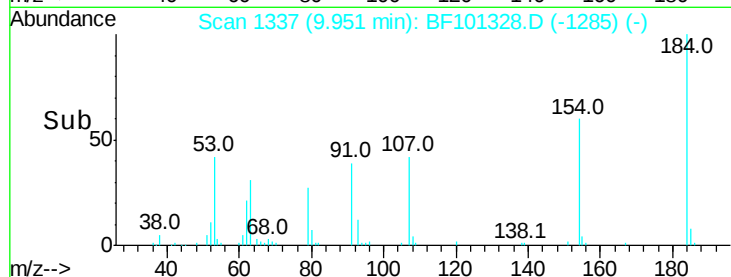
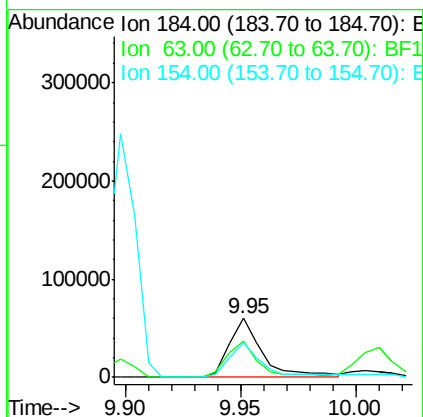
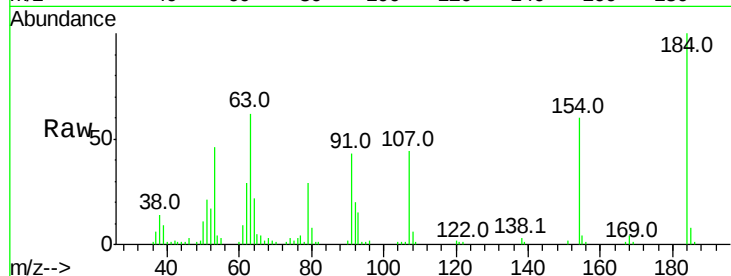




#53  
 2,4-Dinitrophenol  
 Concen: 84.090 ng  
 RT: 9.95 min Scan# 1337  
 Delta R.T. 0.01 min  
 Lab File: BF101328.D  
 Acq: 12 Dec 2017 14:33

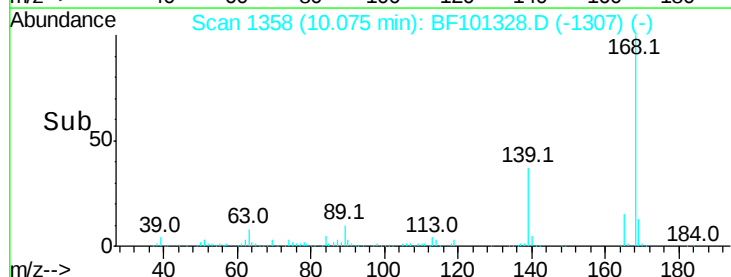
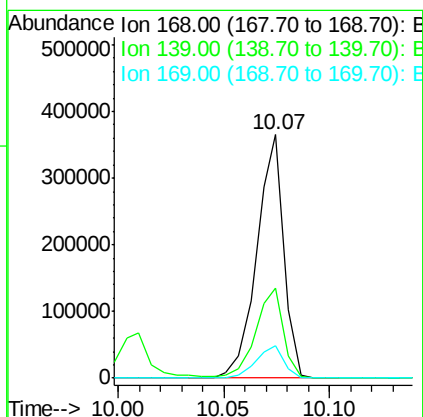
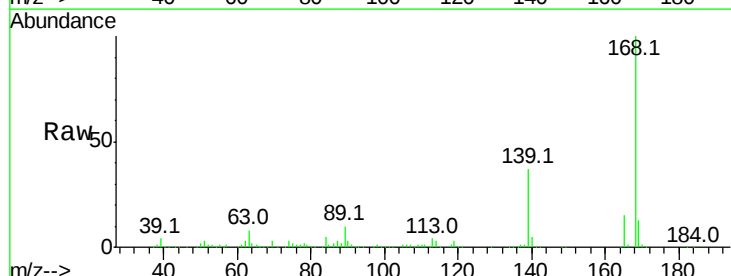
Instrument :  
 BNA\_F  
 ClientSampleId :

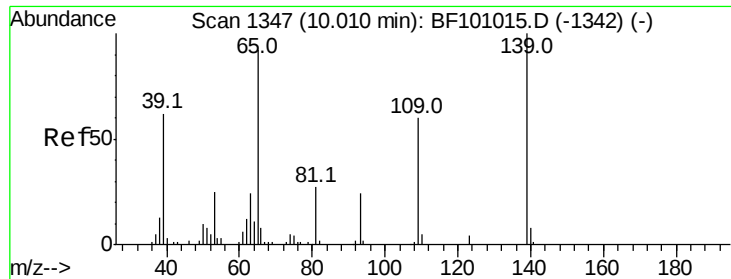
Tot Ion:184 Resp: 60621  
 Ion Ratio Lower Upper  
 184 100  
 63 61.7 54.2 81.2  
 154 59.9 184.0 276.0#



#54  
 Dibenzofuran  
 Concen: 42.631 ng  
 RT: 10.07 min Scan# 1358  
 Delta R.T. -0.00 min  
 Lab File: BF101328.D  
 Acq: 12 Dec 2017 14:33

Tgt Ion:168 Resp: 323640  
 Ion Ratio Lower Upper  
 168 100  
 139 36.9 30.1 45.1  
 169 13.3 10.9 16.3

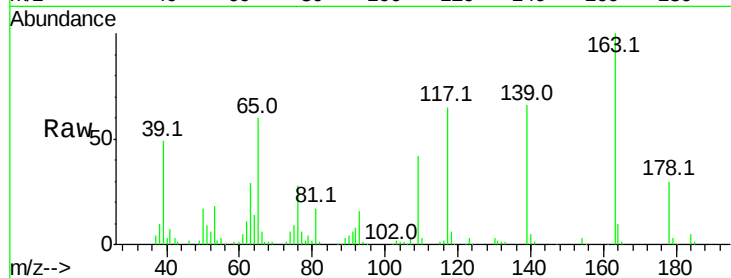




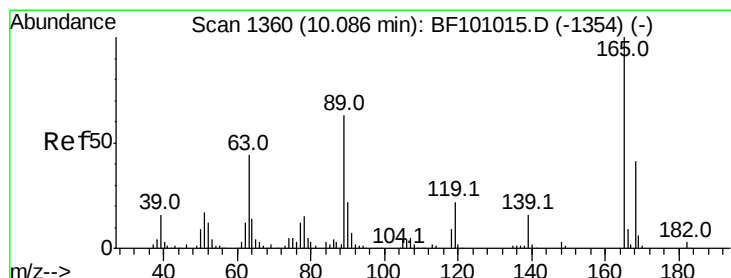
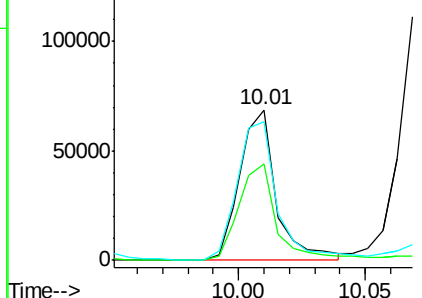
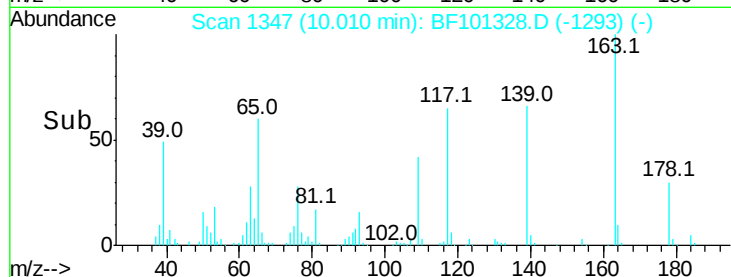
#55  
4-Nitrophenol  
Concen: 65.285 ng  
RT: 10.01 min Scan# 1347  
Delta R.T. 0.02 min  
Lab File: BF101328.D  
Acq: 12 Dec 2017 14:33

Instrument :  
BNA\_F  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 64.2  | 48.4  | 88.4  |
| 65      | 91.7  | 72.6  | 112.6 |

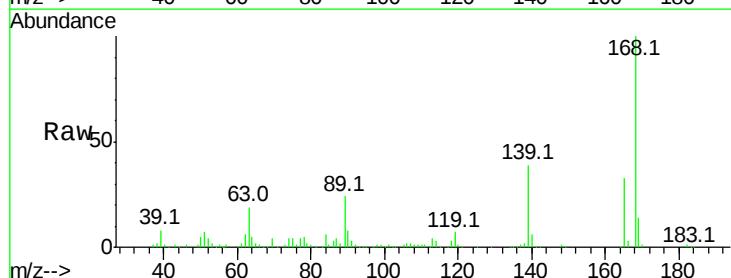


Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF1

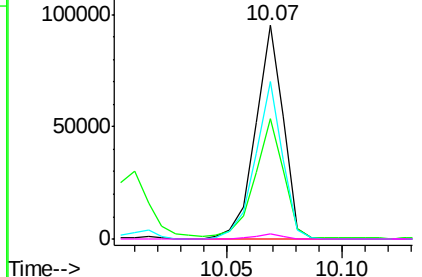
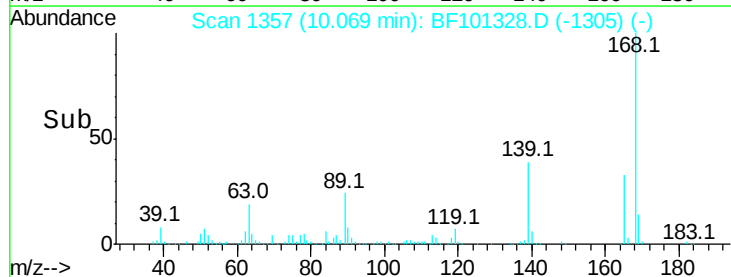


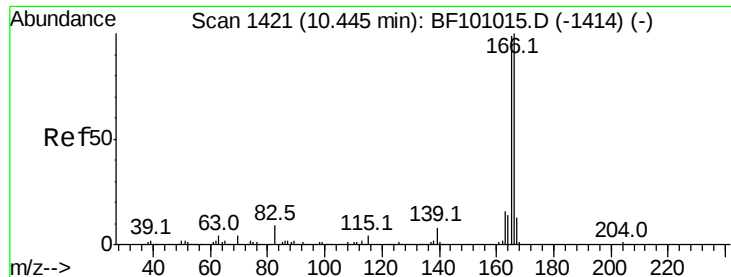
#56  
2,4-Dinitrotoluene  
Concen: 42.738 ng  
RT: 10.07 min Scan# 1357  
Delta R.T. 0.01 min  
Lab File: BF101328.D  
Acq: 12 Dec 2017 14:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 56.6  | 36.4  | 54.6# |
| 89      | 73.6  | 57.8  | 86.6  |
| 182     | 2.7   | 1.6   | 2.4#  |



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  
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.051 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

Instrument :

BNA\_F

ClientSampleId :

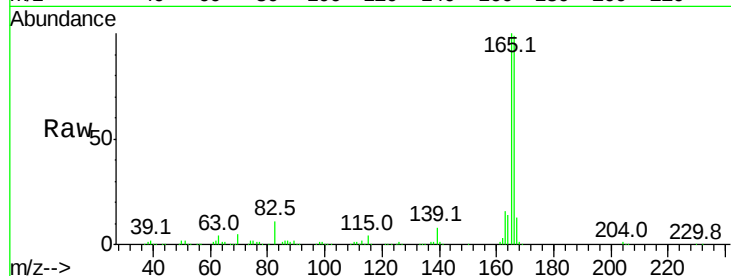
Tot Ion:166 Resp: 265682

Ion Ratio Lower Upper

166 100

165 101.2 79.8 119.8

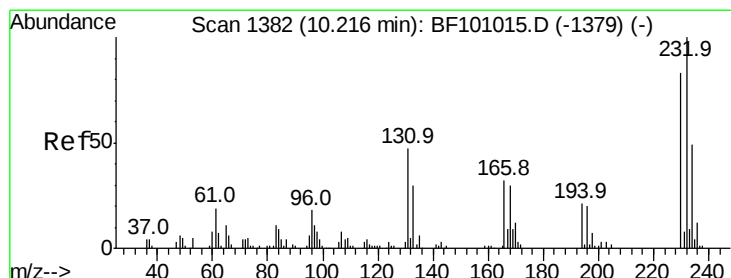
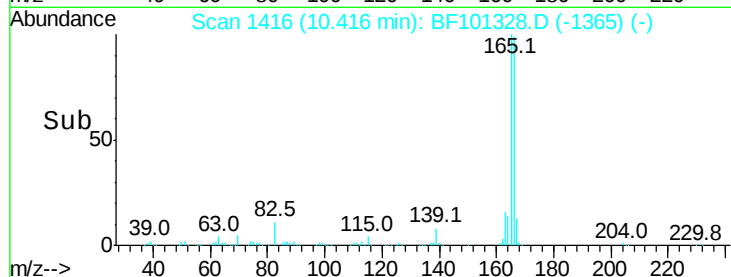
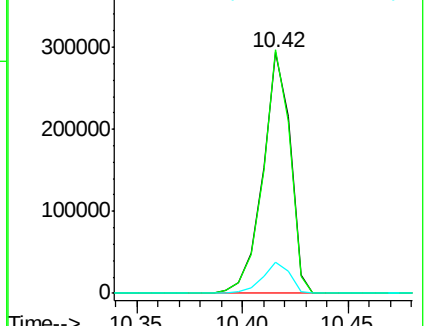
167 13.0 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.846 ng

RT: 10.20 min Scan# 1379

Delta R.T. 0.01 min

Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

Tgt Ion:232 Resp: 65760

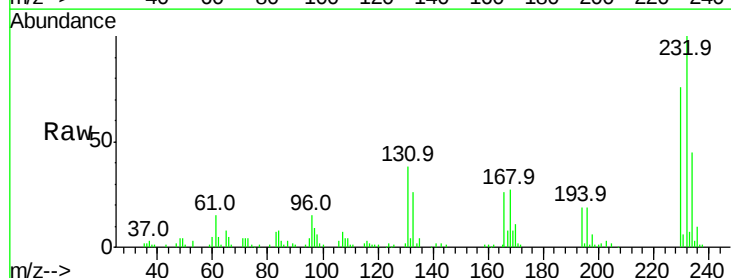
Ion Ratio Lower Upper

232 100

131 44.2 43.8 65.8

130 2.0 2.1 3.1#

166 28.2 27.8 41.6

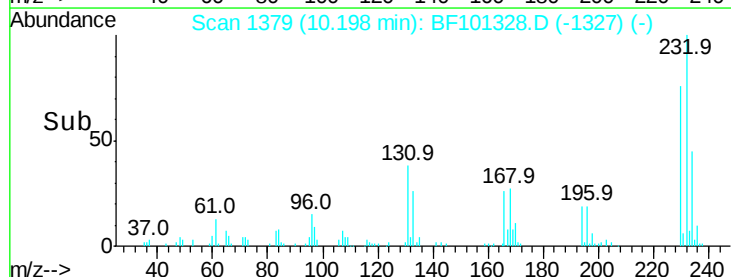
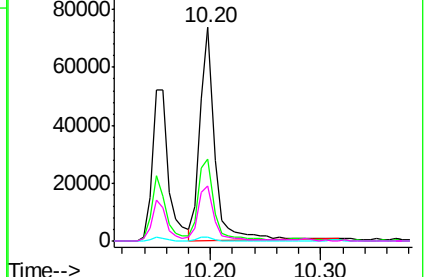


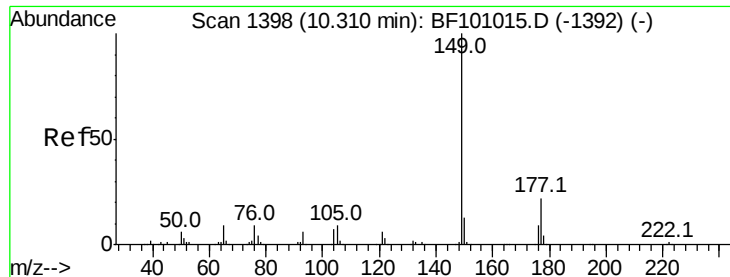
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

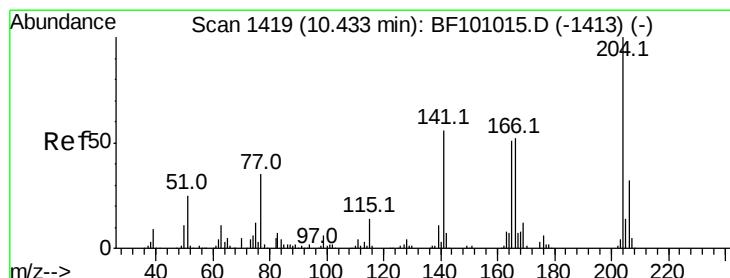
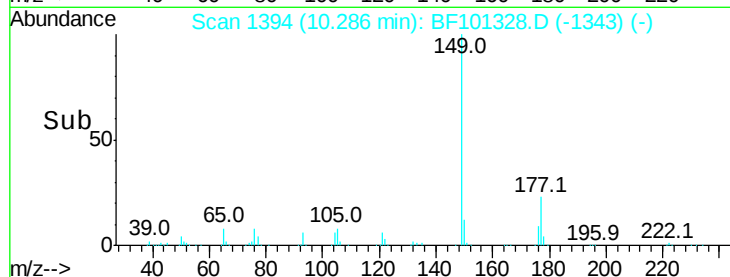
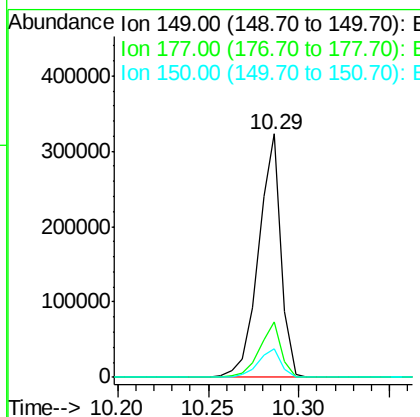
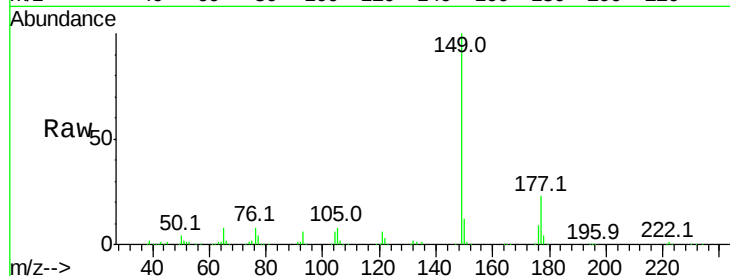




#59  
Diethylphthalate  
Concen: 42.283 ng  
RT: 10.29 min Scan# 1394  
Delta R.T. -0.00 min  
Lab File: BF101328.D  
Acq: 12 Dec 2017 14:33

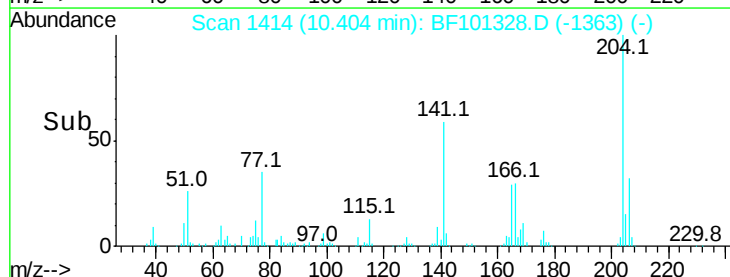
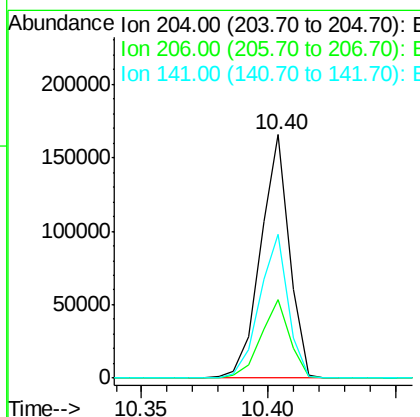
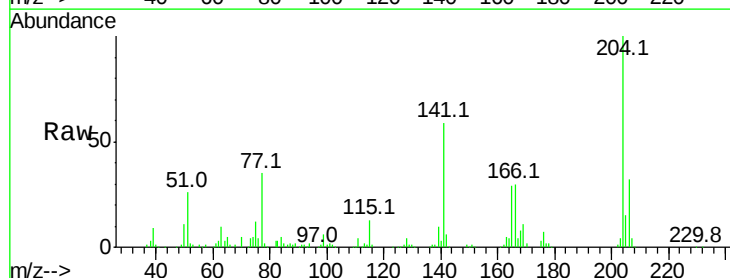
Instrument :  
BNA\_F  
ClientSampleId :

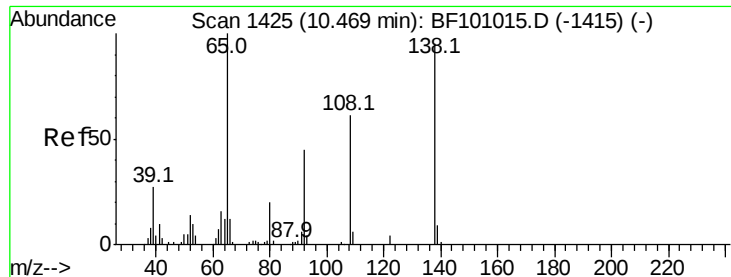
Tot Ion:149 Resp: 276728  
Ion Ratio Lower Upper  
149 100  
177 22.6 16.1 24.1  
150 12.0 10.1 15.1



#60  
4-Chlorophenyl-phenylether  
Concen: 42.884 ng  
RT: 10.40 min Scan# 1414  
Delta R.T. -0.00 min  
Lab File: BF101328.D  
Acq: 12 Dec 2017 14:33

Tgt Ion:204 Resp: 130671  
Ion Ratio Lower Upper  
204 100  
206 32.3 26.5 39.7  
141 59.1 54.6 81.8

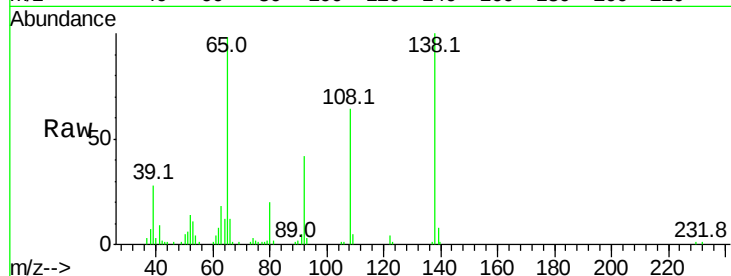




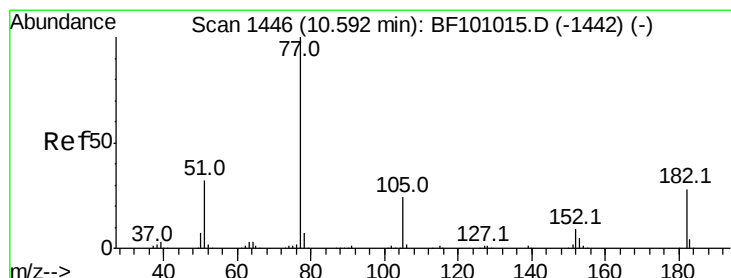
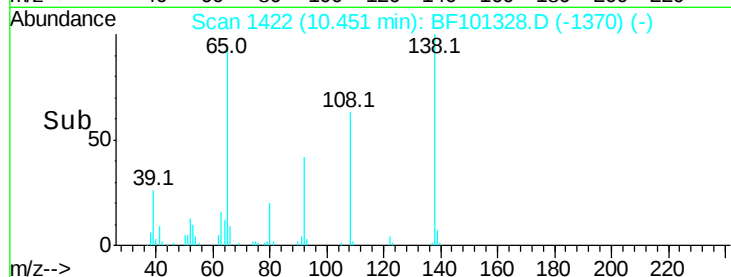
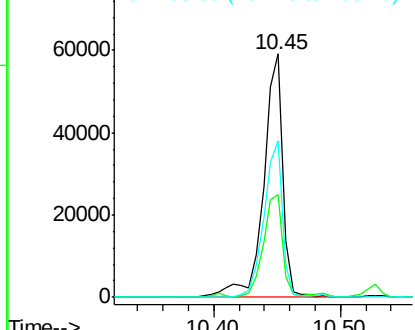
#61  
4-Nitroaniline  
Concen: 38.315 ng  
RT: 10.45 min Scan# 1422  
Delta R.T. 0.01 min  
Lab File: BF101328.D  
Acq: 12 Dec 2017 14:33

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:138 Resp: 62509  
Ion Ratio Lower Upper  
138 100  
92 42.4 30.2 70.2  
108 64.2 52.5 92.5

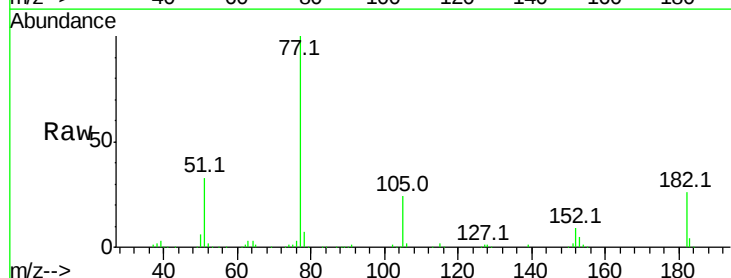


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BF1  
Ion 108.00 (107.70 to 108.70): E

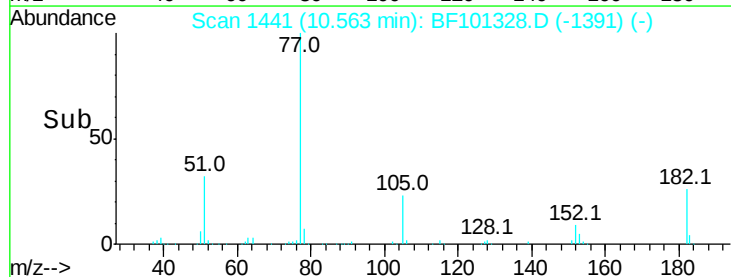
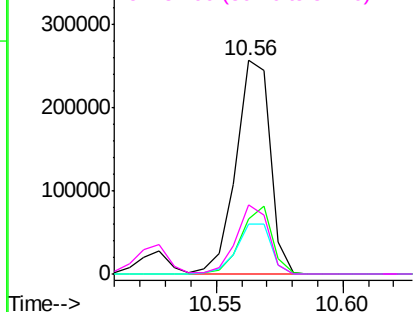


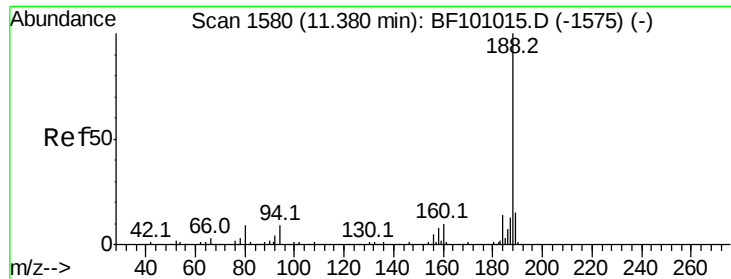
#62  
Azobenzene  
Concen: 43.001 ng  
RT: 10.56 min Scan# 1441  
Delta R.T. -0.01 min  
Lab File: BF101328.D  
Acq: 12 Dec 2017 14:33

Tgt Ion: 77 Resp: 238834  
Ion Ratio Lower Upper  
77 100  
182 26.0 1.7 41.7  
105 23.6 3.0 43.0  
51 32.5 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

Instrument :

BNA\_F

ClientSampleId :

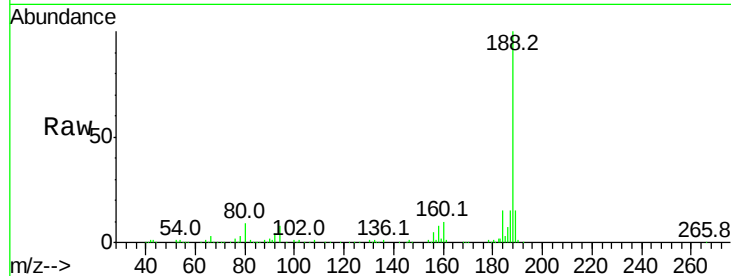
Tot Ion:188 Resp: 162774

Ion Ratio Lower Upper

188 100

94 7.9 8.5 12.7#

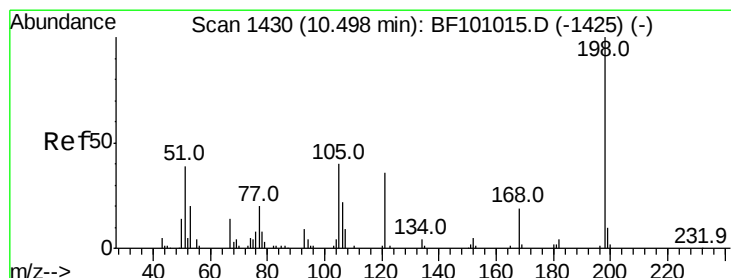
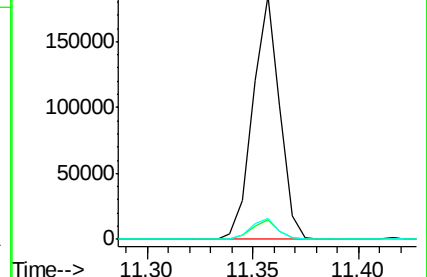
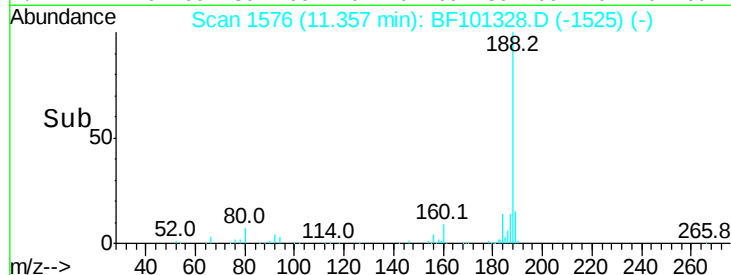
80 8.8 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 36.720 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.01 min

Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

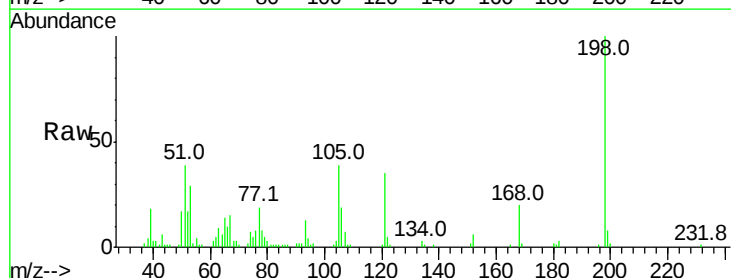
Tgt Ion:198 Resp: 40090

Ion Ratio Lower Upper

198 100

51 39.1 37.7 77.7

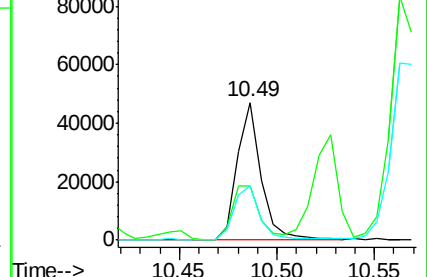
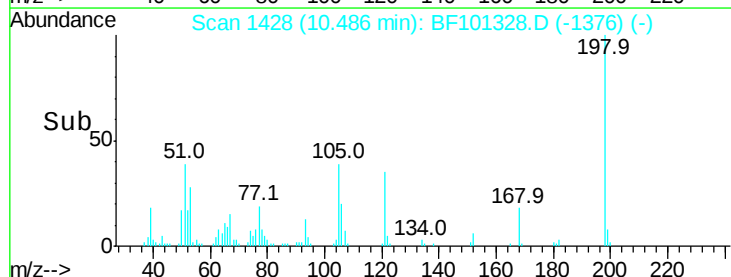
105 39.1 36.3 76.3

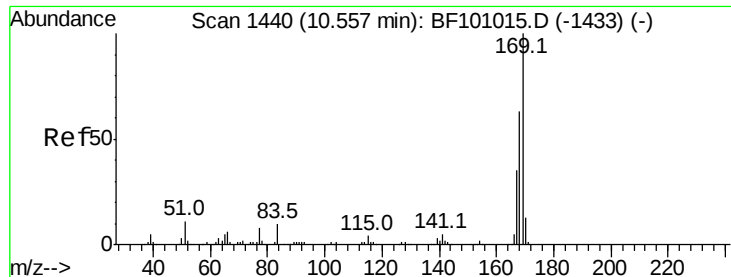


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.542 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.00 min

Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

Instrument :

BNA\_F

ClientSampleId :

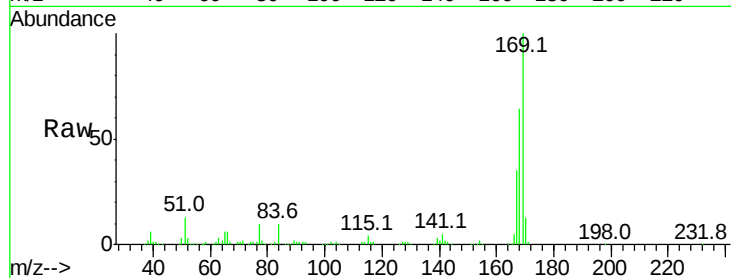
Tot Ion:169 Resp: 244296

Ion Ratio Lower Upper

169 100

168 63.5 54.4 81.6

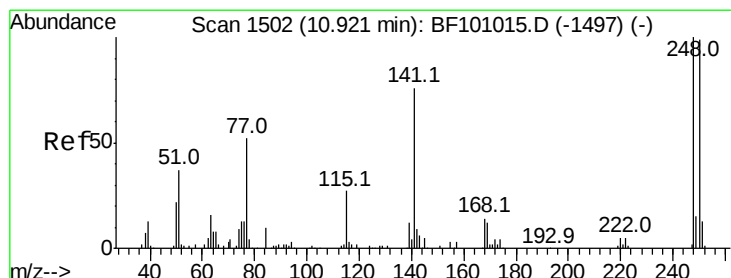
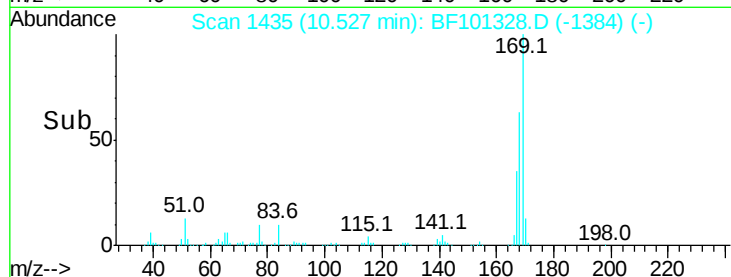
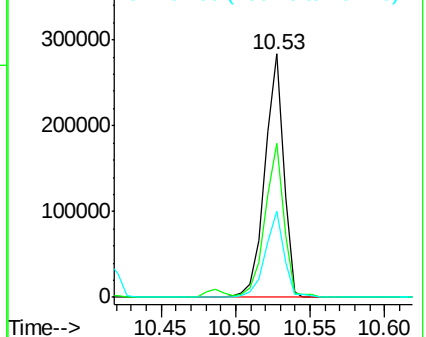
167 35.3 29.8 44.6



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: 43.117 ng

RT: 10.89 min Scan# 1497

Delta R.T. -0.01 min

Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

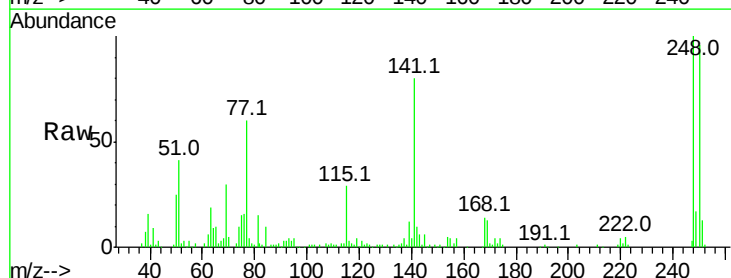
Tgt Ion:248 Resp: 78558

Ion Ratio Lower Upper

248 100

250 95.6 76.9 115.3

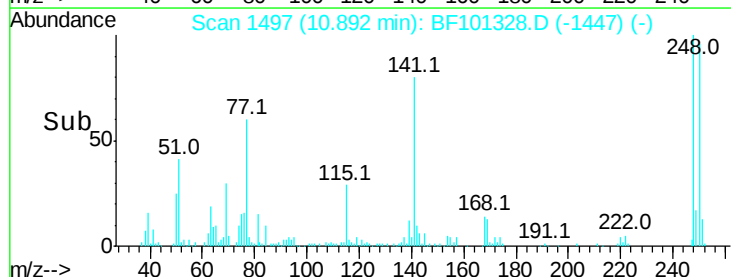
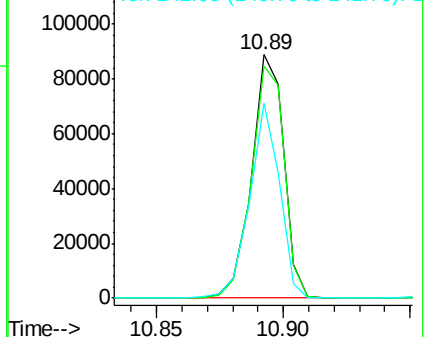
141 80.1 74.4 111.6

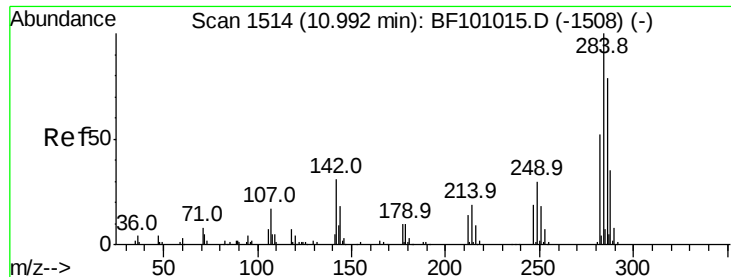


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

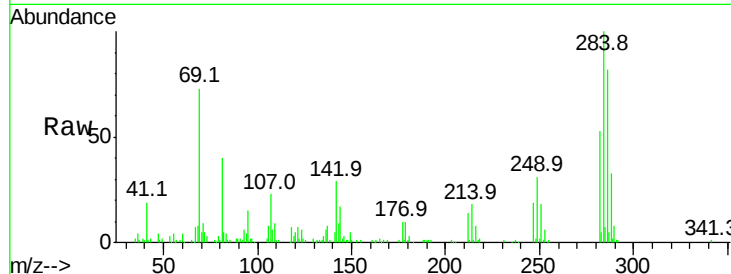




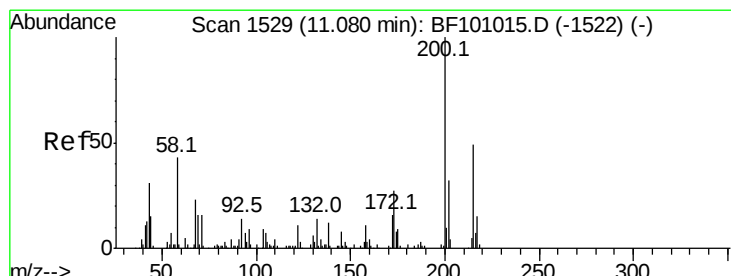
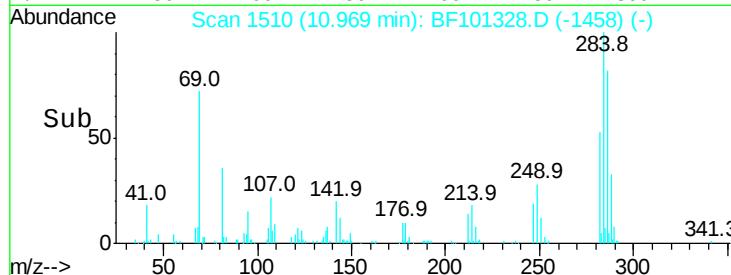
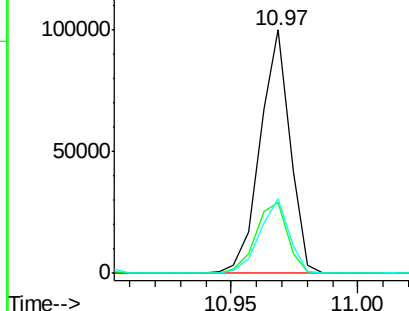
#67  
Hexachlorobenzene  
Concen: 42.211 ng  
RT: 10.97 min Scan# 1510  
Delta R.T. 0.01 min  
Lab File: BF101328.D  
Acq: 12 Dec 2017 14:33

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:284 Resp: 82426  
Ion Ratio Lower Upper  
284 100  
142 29.2 34.6 52.0#  
249 30.9 24.8 37.2

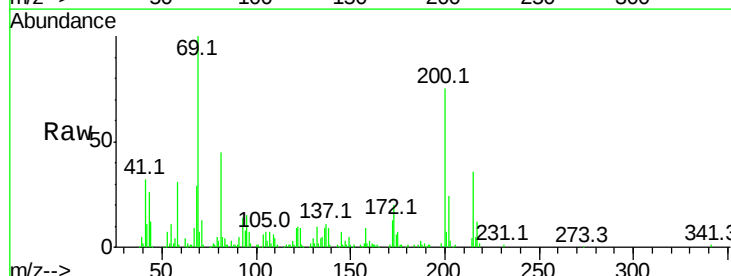


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

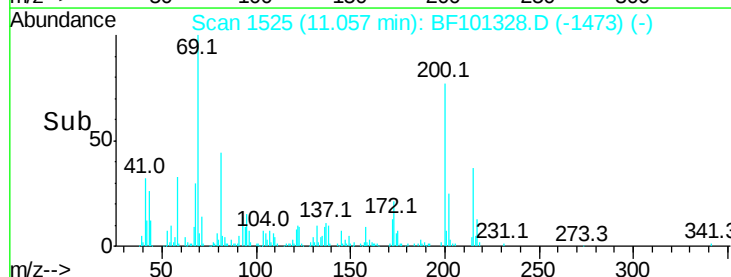
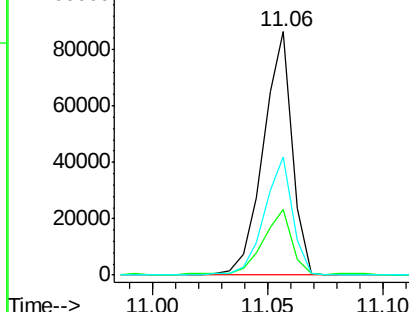


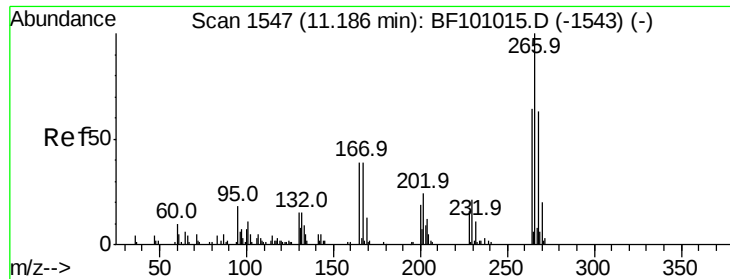
#68  
Atrazine  
Concen: 42.584 ng  
RT: 11.06 min Scan# 1525  
Delta R.T. 0.01 min  
Lab File: BF101328.D  
Acq: 12 Dec 2017 14:33

Tgt Ion:200 Resp: 75011  
Ion Ratio Lower Upper  
200 100  
173 27.1 8.6 48.6  
215 48.3 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

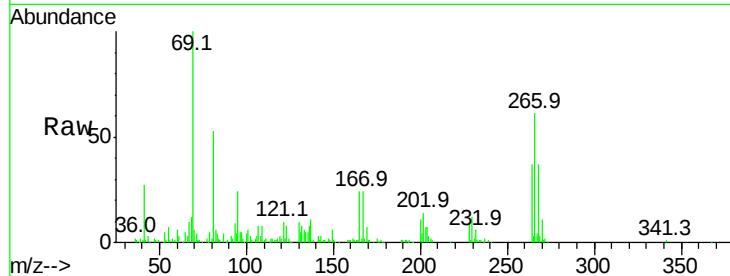




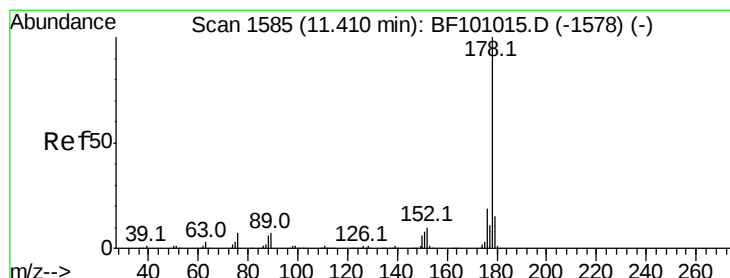
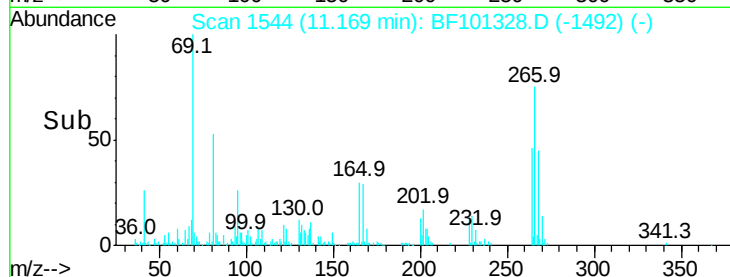
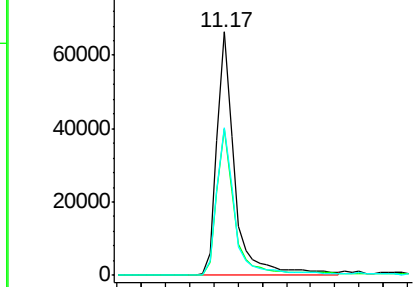
#69  
 Pentachlorophenol  
 Concen: 63.078 ng  
 RT: 11.17 min Scan# 1544  
 Delta R.T. 0.01 min  
 Lab File: BF101328.D  
 Acq: 12 Dec 2017 14:33

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:266 Resp: 67726  
 Ion Ratio Lower Upper  
 266 100  
 268 59.9 51.1 76.7  
 264 60.8 49.5 74.3

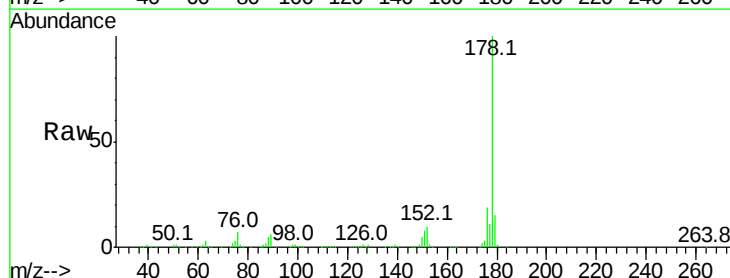


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

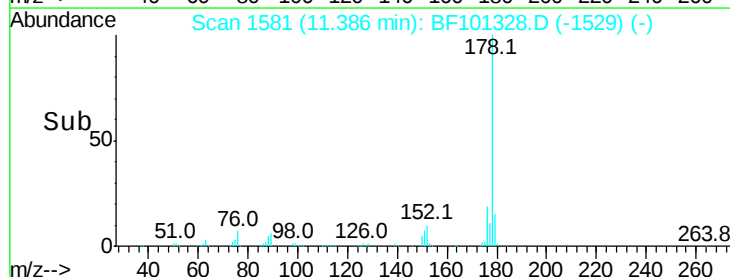
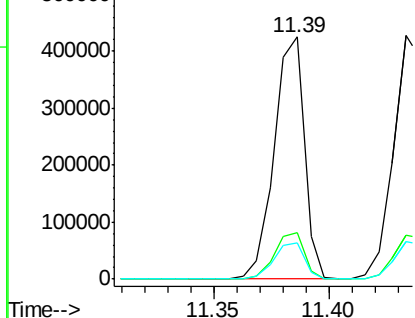


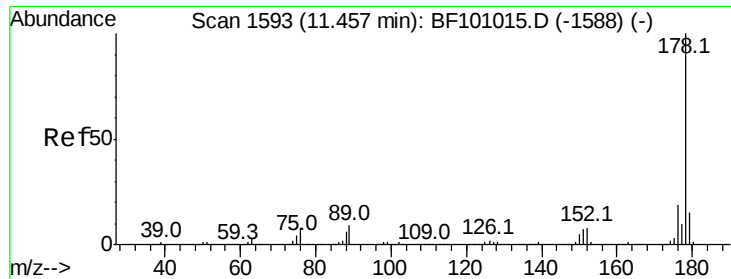
#70  
 Phenanthrene  
 Concen: 42.994 ng  
 RT: 11.39 min Scan# 1581  
 Delta R.T. 0.01 min  
 Lab File: BF101328.D  
 Acq: 12 Dec 2017 14:33

Tgt Ion:178 Resp: 385390  
 Ion Ratio Lower Upper  
 178 100  
 176 18.9 15.8 23.8  
 179 14.9 13.0 19.6



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

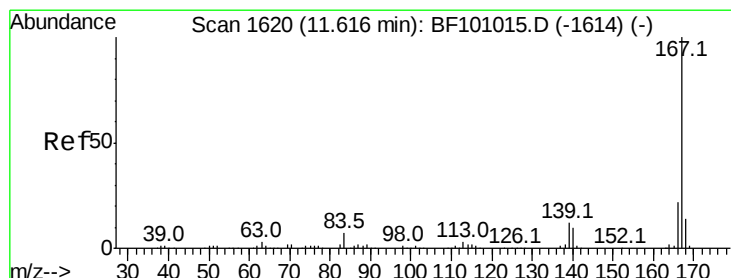
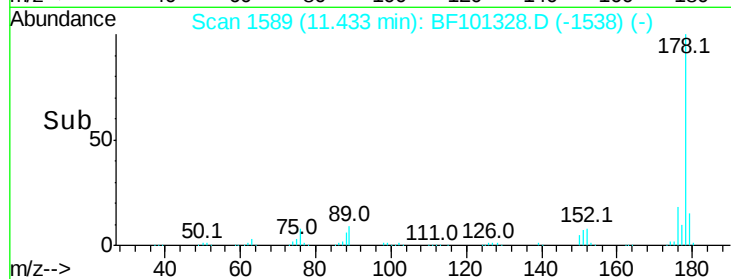
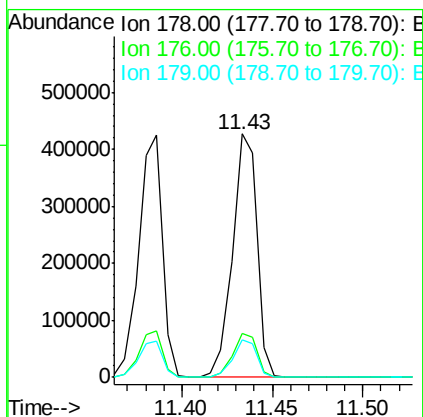
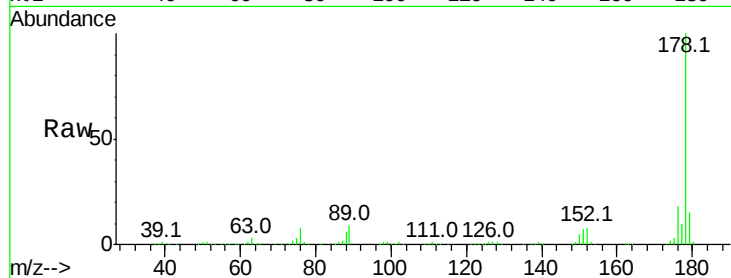




#71  
 Anthracene  
 Concen: 44.202 ng  
 RT: 11.43 min Scan# 1589  
 Delta R.T. -0.00 min  
 Lab File: BF101328.D  
 Acq: 12 Dec 2017 14:33

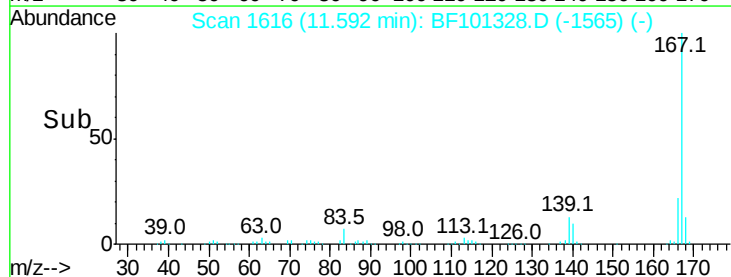
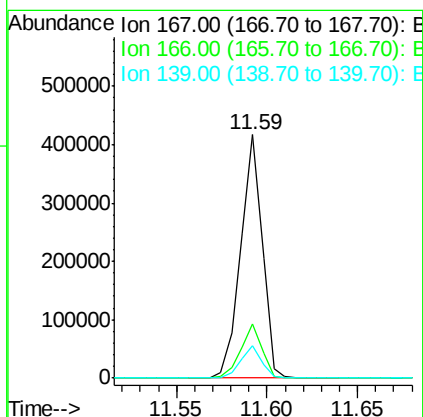
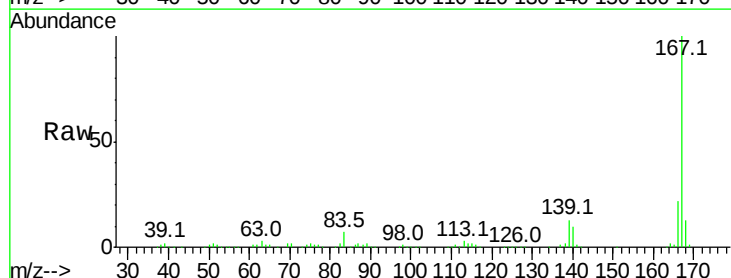
Instrument :  
 BNA\_F  
 ClientSampleId :

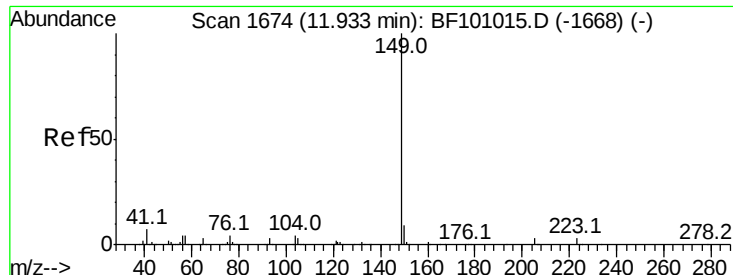
Tot Ion:178 Resp: 401014  
 Ion Ratio Lower Upper  
 178 100  
 176 18.3 15.4 23.2  
 179 15.4 12.6 19.0



#72  
 Carbazole  
 Concen: 41.738 ng  
 RT: 11.59 min Scan# 1616  
 Delta R.T. -0.00 min  
 Lab File: BF101328.D  
 Acq: 12 Dec 2017 14:33

Tgt Ion:167 Resp: 345970  
 Ion Ratio Lower Upper  
 167 100  
 166 22.1 17.6 26.4  
 139 13.2 10.9 16.3

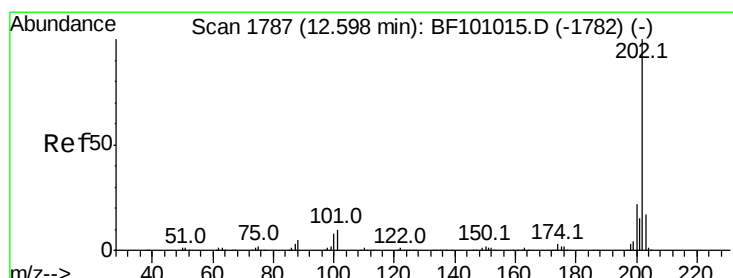
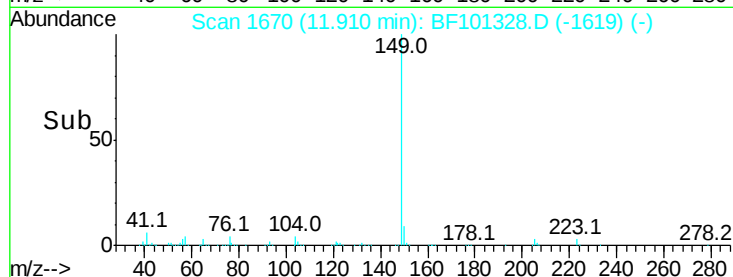
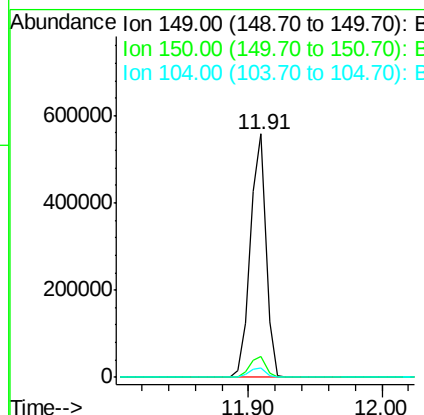
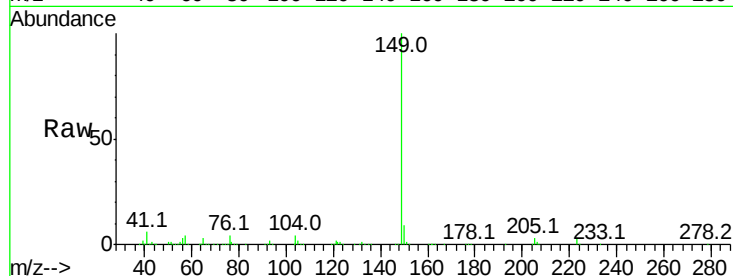




#73  
Di-n-butylphthalate  
Concen: 42.804 ng  
RT: 11.91 min Scan# 1670  
Delta R.T. -0.00 min  
Lab File: BF101328.D  
Acq: 12 Dec 2017 14:33

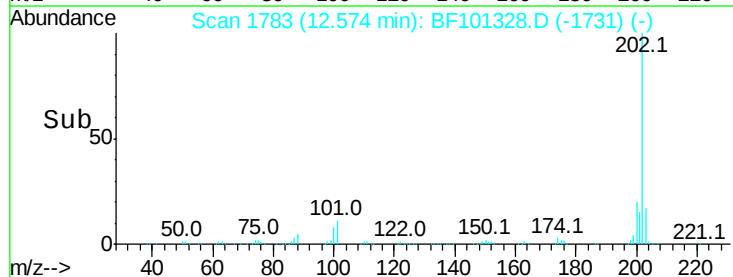
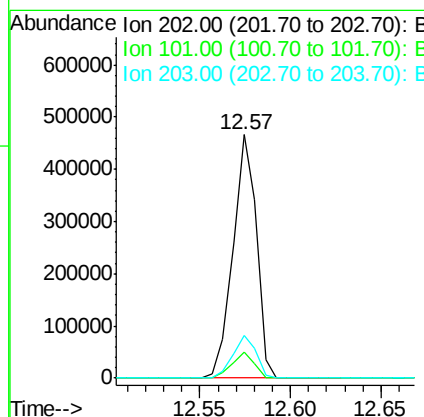
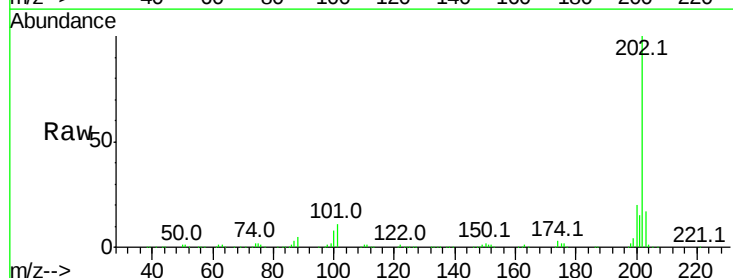
Instrument :  
BNA\_F  
ClientSampleId :

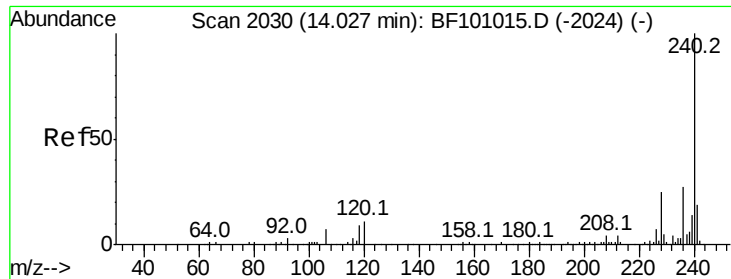
Tot Ion:149 Resp: 444717  
Ion Ratio Lower Upper  
149 100  
150 8.7 7.8 11.6  
104 3.9 3.8 5.8



#74  
Fluoranthene  
Concen: 42.381 ng  
RT: 12.57 min Scan# 1783  
Delta R.T. 0.01 min  
Lab File: BF101328.D  
Acq: 12 Dec 2017 14:33

Tgt Ion:202 Resp: 421109  
Ion Ratio Lower Upper  
202 100  
101 10.8 0.0 34.1  
203 17.5 0.0 38.1

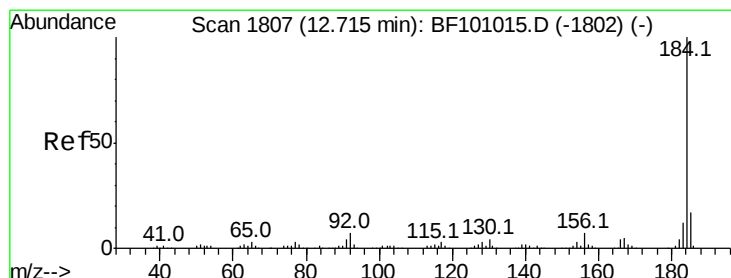
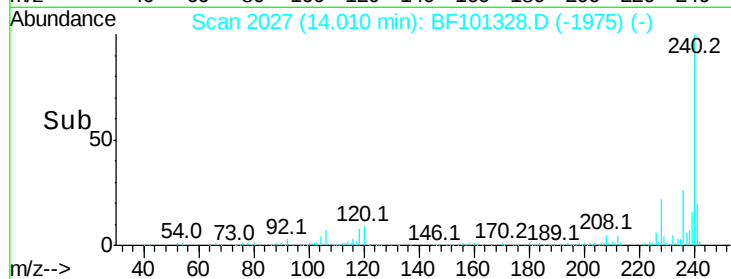
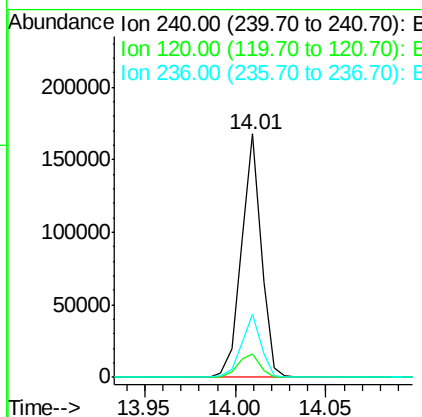
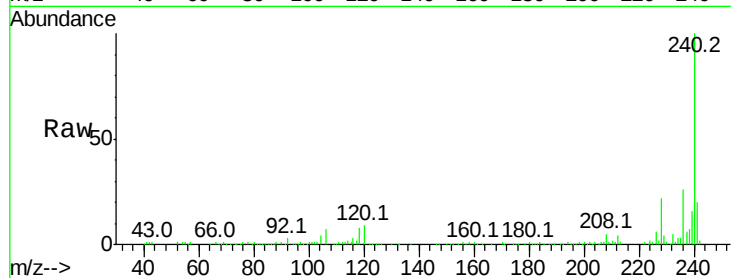




#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.01 min Scan# 2027  
Delta R.T. 0.01 min  
Lab File: BF101328.D  
Acq: 12 Dec 2017 14:33

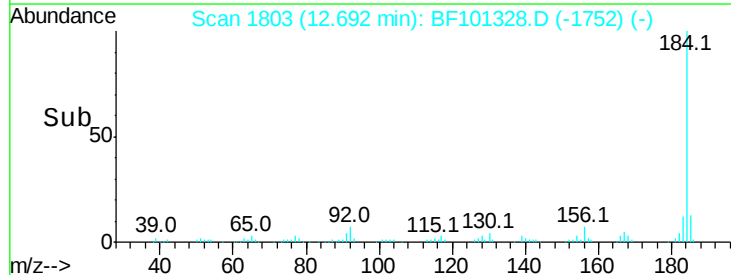
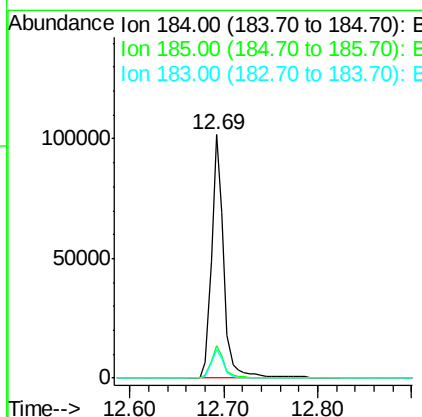
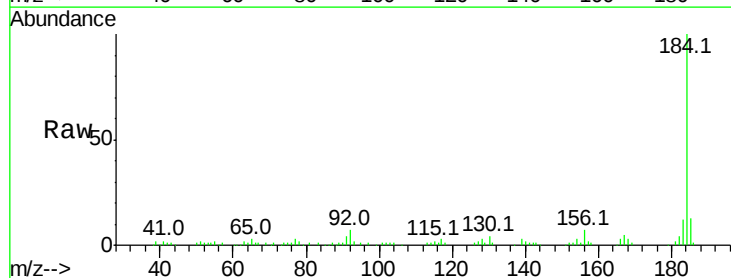
Instrument :  
BNA\_F  
ClientSampleId :

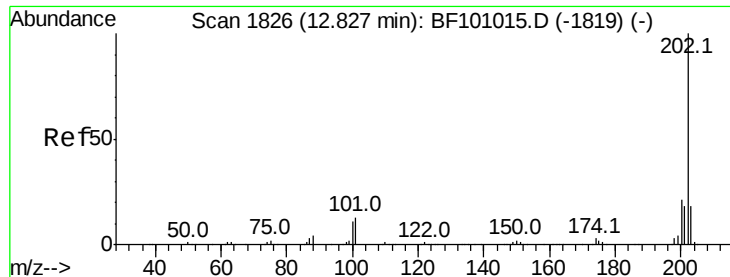
Tot Ion:240 Resp: 127602  
Ion Ratio Lower Upper  
240 100  
120 9.4 9.5 14.3#  
236 25.8 20.7 31.1



#76  
Benzidine  
Concen: 22.646 ng  
RT: 12.69 min Scan# 1803  
Delta R.T. -0.00 min  
Lab File: BF101328.D  
Acq: 12 Dec 2017 14:33

Tgt Ion:184 Resp: 93969  
Ion Ratio Lower Upper  
184 100  
185 13.4 12.6 18.8  
183 11.8 9.3 13.9

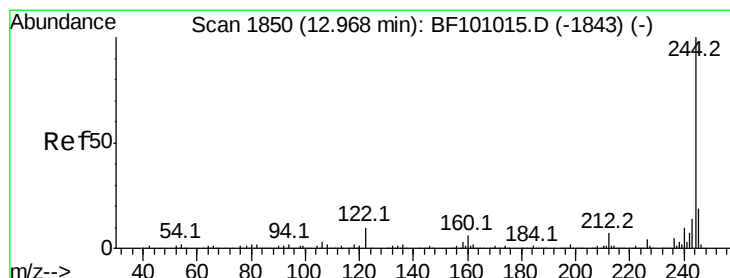
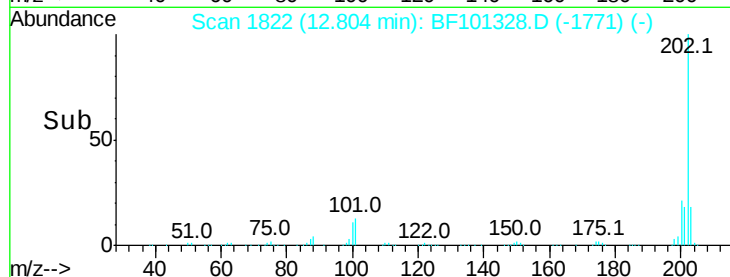
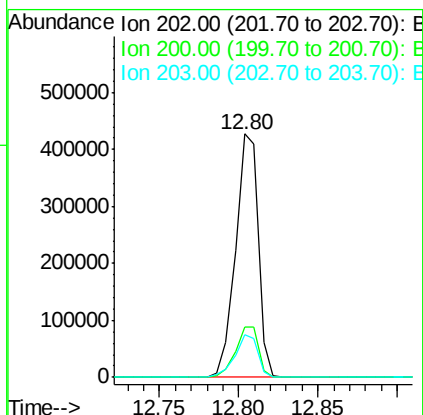
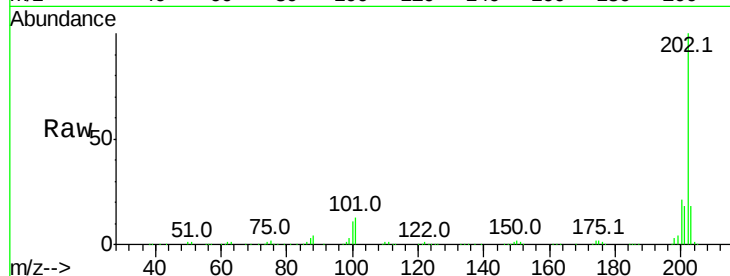




#77  
Pvrene  
Concen: 48.083 ng  
RT: 12.80 min Scan# 1822  
Delta R.T. -0.00 min  
Lab File: BF101328.D  
Acq: 12 Dec 2017 14:33

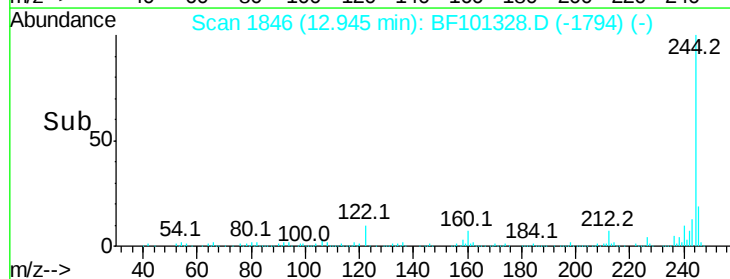
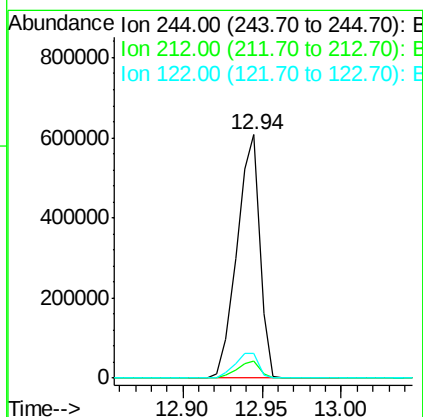
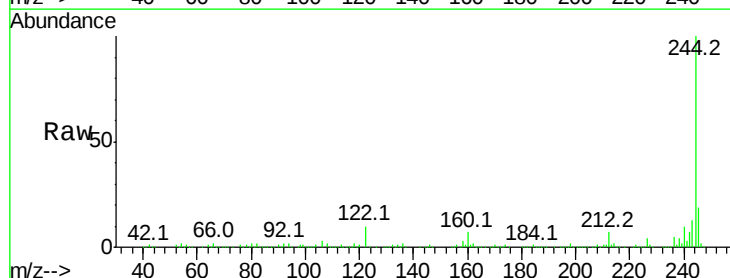
Instrument :  
BNA\_F  
ClientSampled :

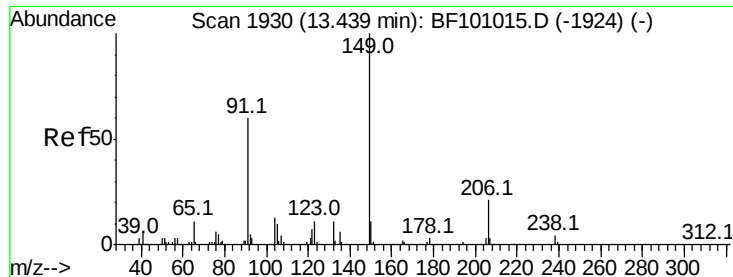
Tot Ion:202 Resp: 423365  
Ion Ratio Lower Upper  
202 100  
200 20.8 17.4 26.2  
203 17.6 14.3 21.5



#78  
Terphenyl-d14  
Concen: 103.289 ng  
RT: 12.94 min Scan# 1846  
Delta R.T. 0.01 min  
Lab File: BF101328.D  
Acq: 12 Dec 2017 14:33

Tgt Ion:244 Resp: 602572  
Ion Ratio Lower Upper  
244 100  
212 6.8 5.4 8.0  
122 10.2 11.0 16.4#

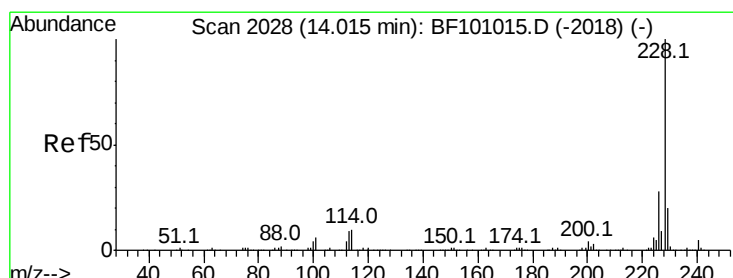
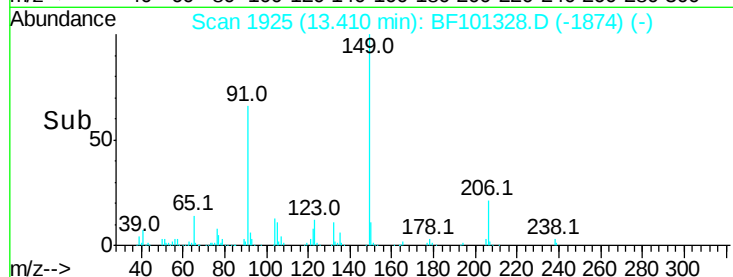
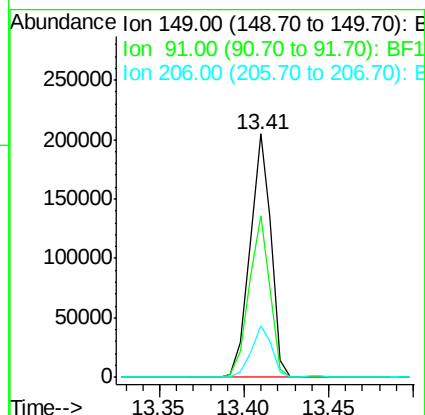
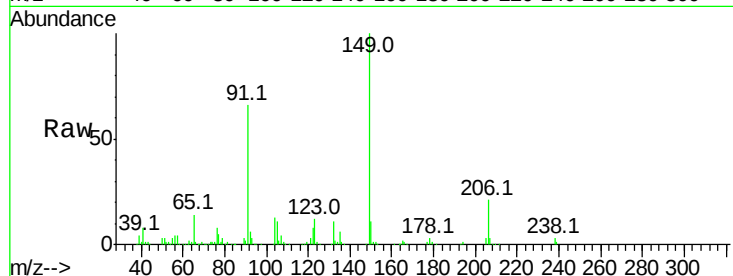




#79  
Butylbenzylphthalate  
Concen: 45.847 ng  
RT: 13.41 min Scan# 1925  
Delta R.T. -0.00 min  
Lab File: BF101328.D  
Acq: 12 Dec 2017 14:33

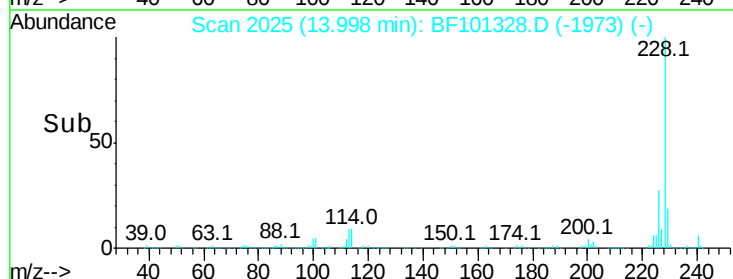
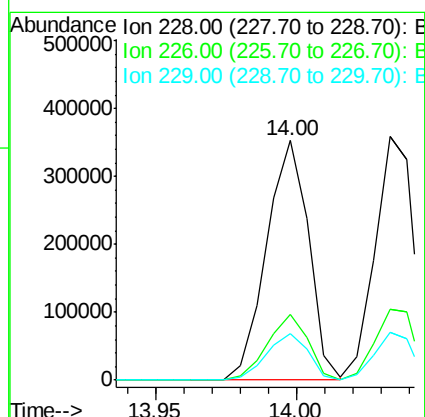
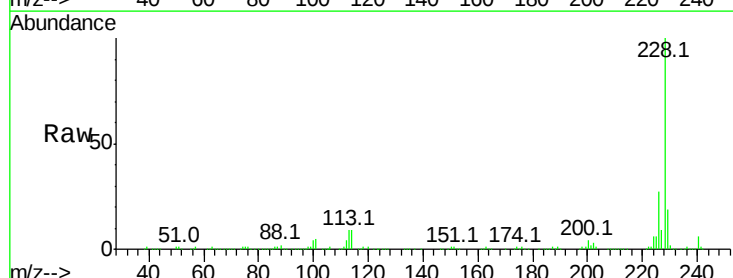
Instrument :  
BNA\_F  
ClientSampled :

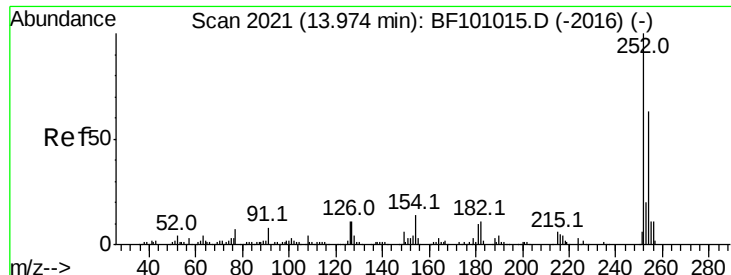
Tot Ion:149 Resp: 177979  
Ion Ratio Lower Upper  
149 100  
91 66.4 56.8 85.2  
206 21.0 14.1 21.1



#80  
Benzo(a)anthracene  
Concen: 45.171 ng  
RT: 14.00 min Scan# 2025  
Delta R.T. 0.01 min  
Lab File: BF101328.D  
Acq: 12 Dec 2017 14:33

Tgt Ion:228 Resp: 363928  
Ion Ratio Lower Upper  
228 100  
226 27.2 22.6 33.8  
229 19.4 15.8 23.6

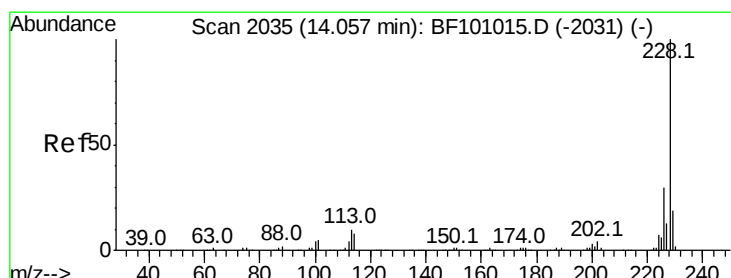
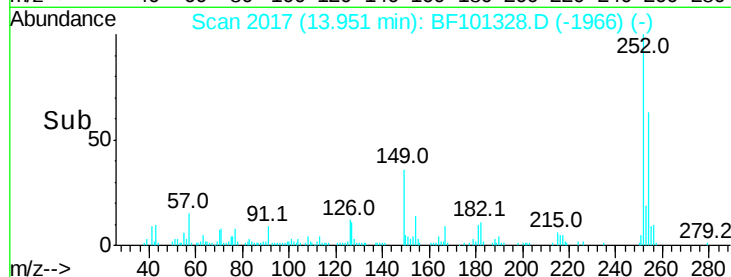
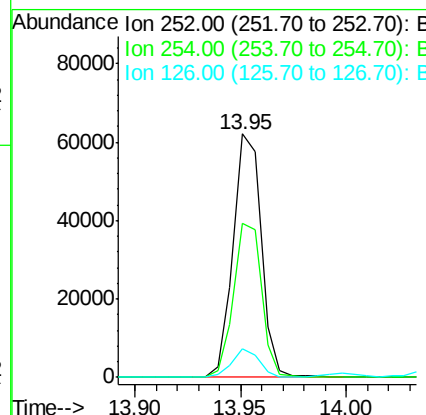
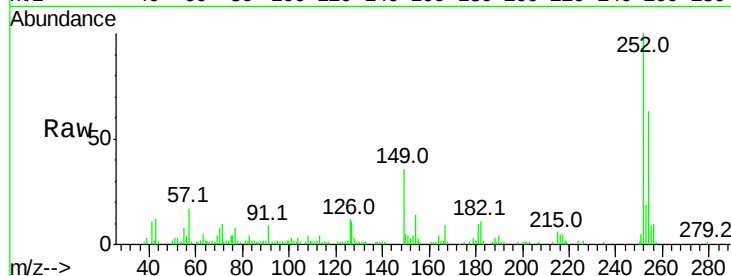




#81  
 3,3'-Dichlorobenzidine  
 Concen: 20.413 ng  
 RT: 13.95 min Scan# 2017  
 Delta R.T. -0.00 min  
 Lab File: BF101328.D  
 Acq: 12 Dec 2017 14:33

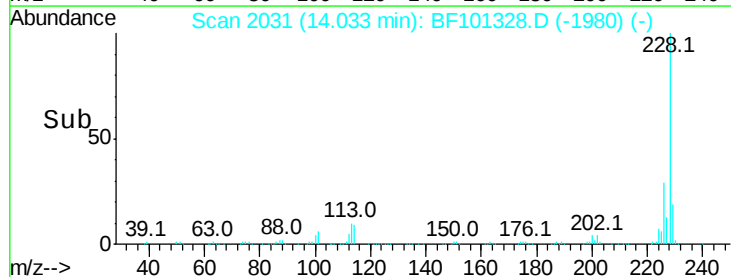
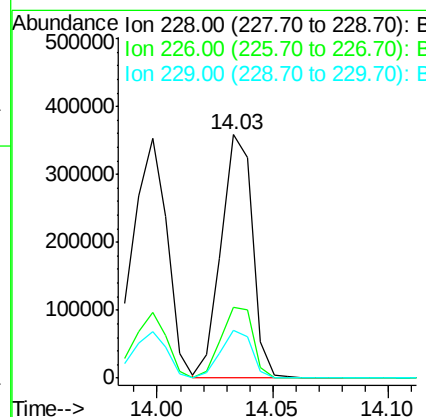
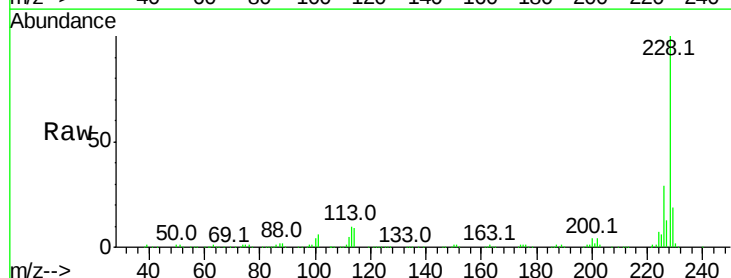
Instrument :  
 BNA\_F  
 ClientSampleId :

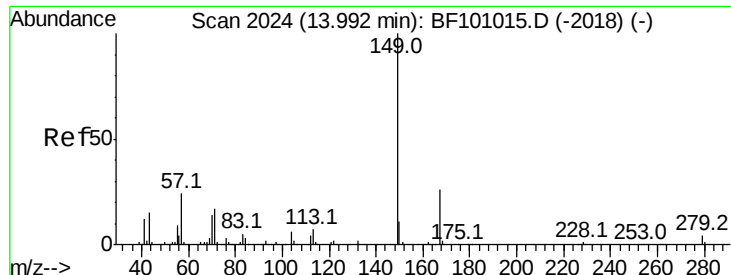
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 63.4  | 50.4  | 75.6  |
| 126     | 11.7  | 11.3  | 16.9  |



#82  
 Chrysene  
 Concen: 44.850 ng  
 RT: 14.03 min Scan# 2031  
 Delta R.T. -0.00 min  
 Lab File: BF101328.D  
 Acq: 12 Dec 2017 14:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.0  | 25.0  | 37.6  |
| 229     | 19.5  | 16.2  | 24.4  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.250 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

Instrument :

BNA\_F

ClientSampleId :

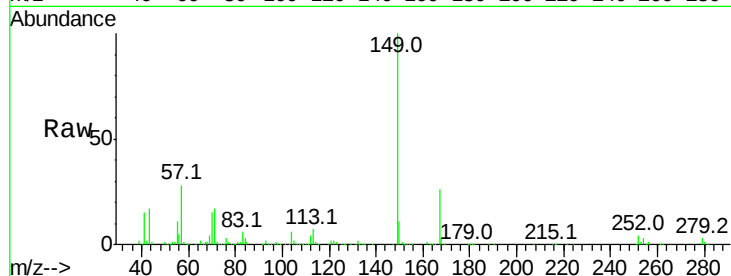
Tot Ion:149 Resp: 250461

Ion Ratio Lower Upper

149 100

167 25.6 21.3 31.9

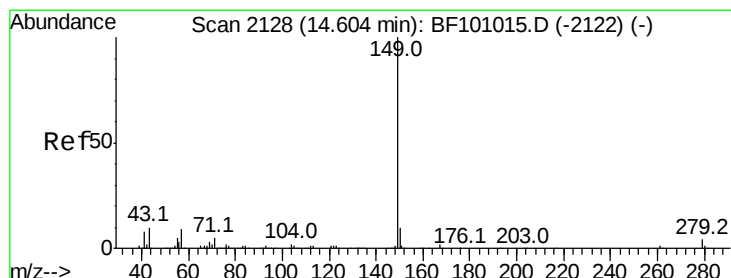
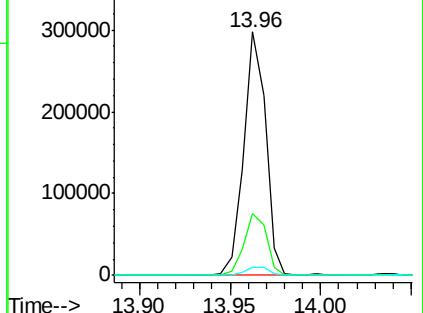
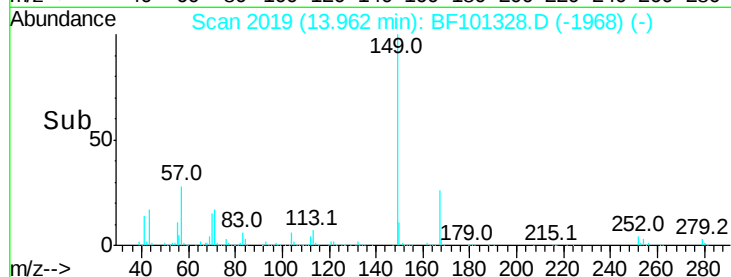
279 3.3 3.0 4.4



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: 42.359 ng

RT: 14.58 min Scan# 2124

Delta R.T. 0.01 min

Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

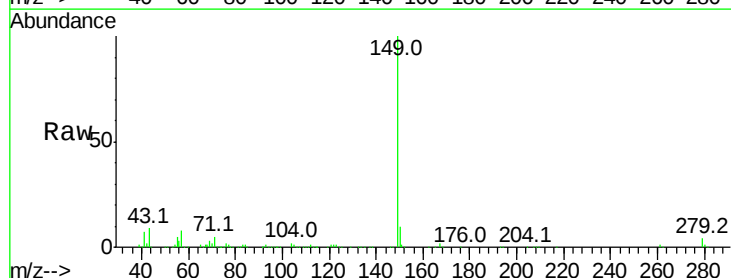
Tgt Ion:149 Resp: 390385

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

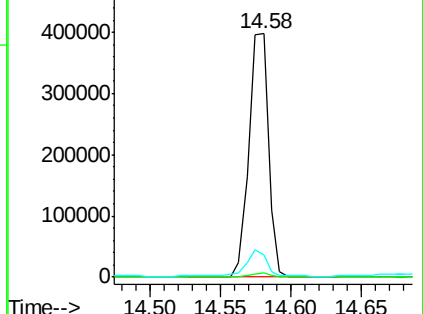
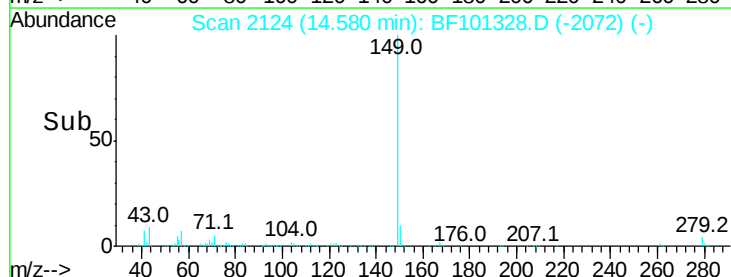
43 11.8 8.4 12.6

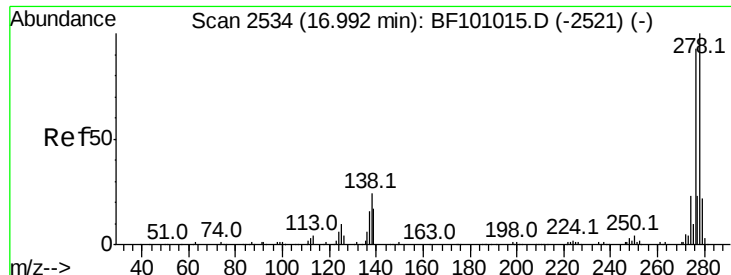


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

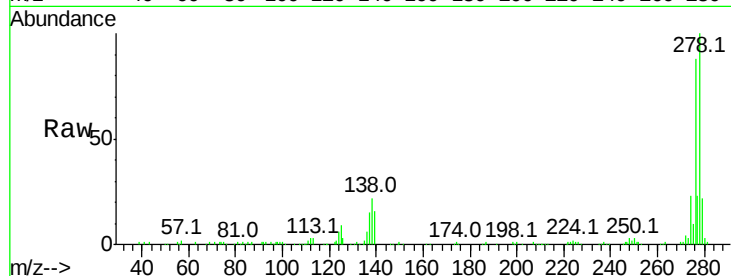




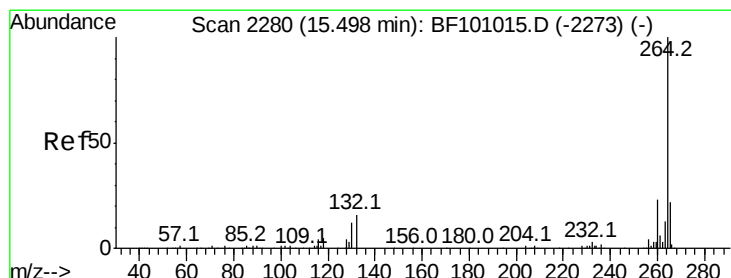
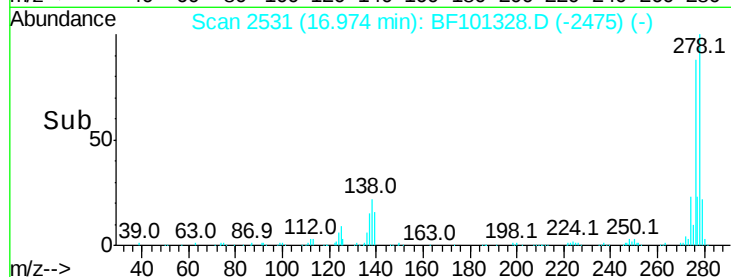
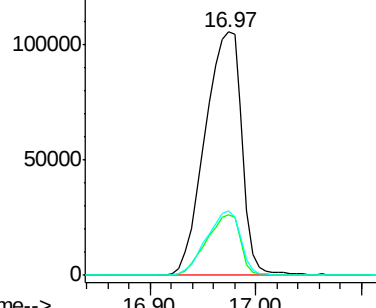
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 38.390 ng  
RT: 16.97 min Scan# 2531  
Delta R.T. 0.03 min  
Lab File: BF101328.D  
Acq: 12 Dec 2017 14:33

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 23.3  | 25.0  | 37.6# |
| 277     | 24.8  | 20.1  | 30.1  |

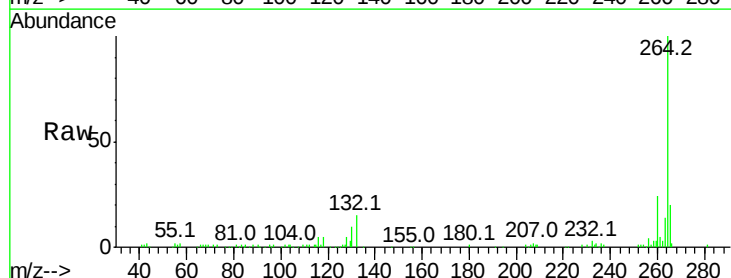


Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E

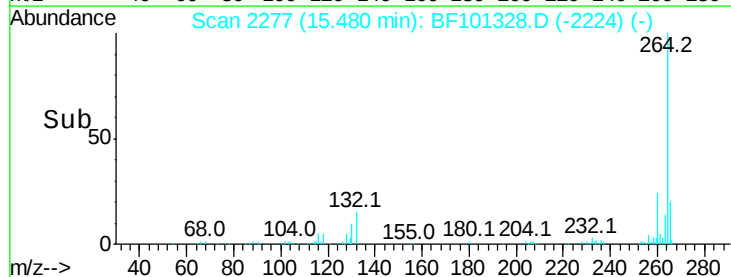
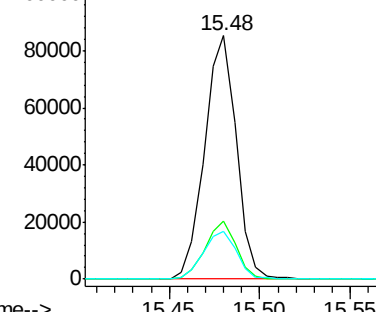


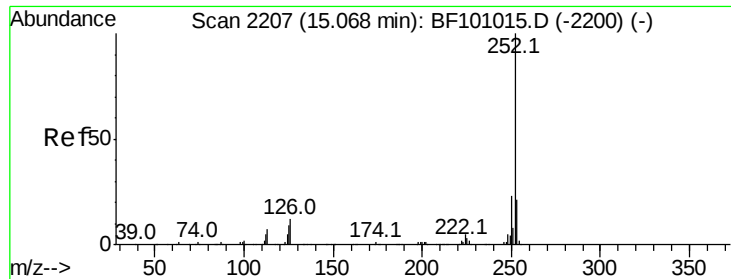
#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.48 min Scan# 2277  
Delta R.T. 0.01 min  
Lab File: BF101328.D  
Acq: 12 Dec 2017 14:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.6  | 19.2  | 28.8  |
| 265     | 19.7  | 17.5  | 26.3  |



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

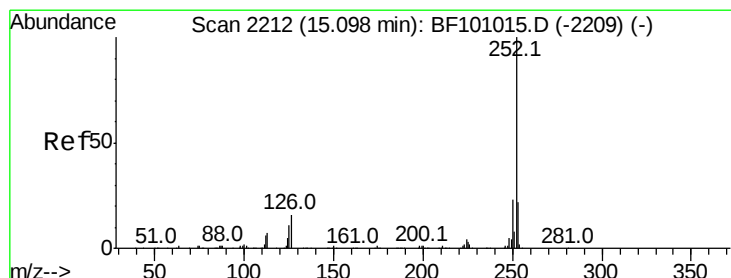
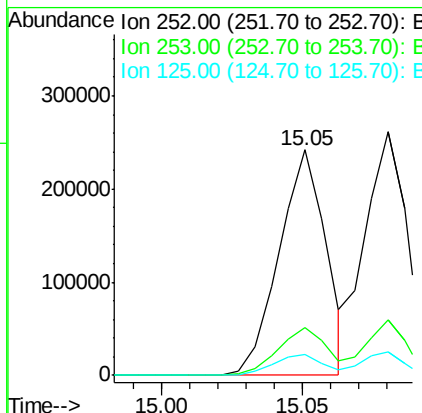
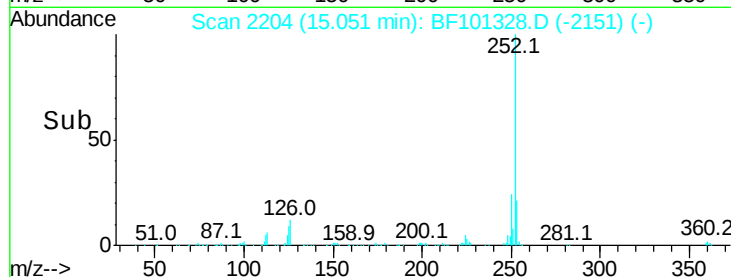
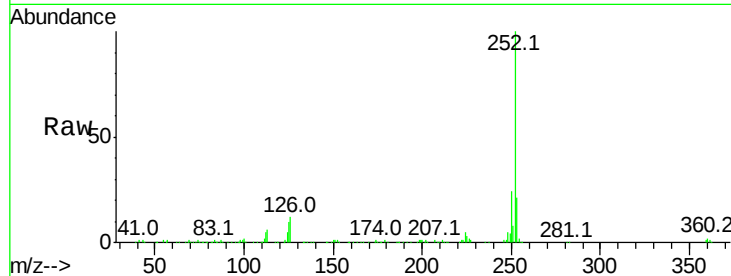




#87  
Benzo(b)fluoranthene  
Concen: 44.905 ng  
RT: 15.05 min Scan# 2204  
Delta R.T. 0.01 min  
Lab File: BF101328.D  
Acq: 12 Dec 2017 14:33

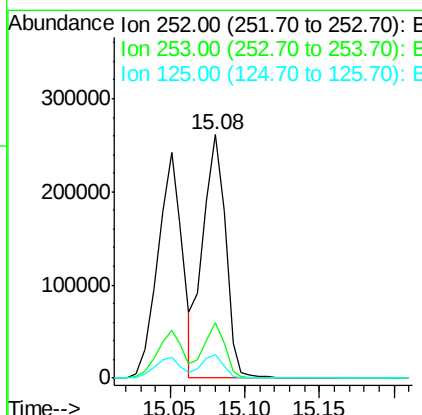
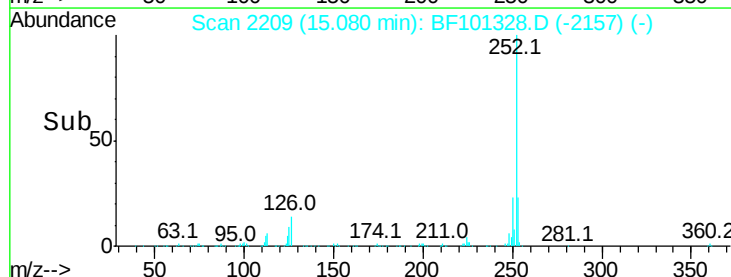
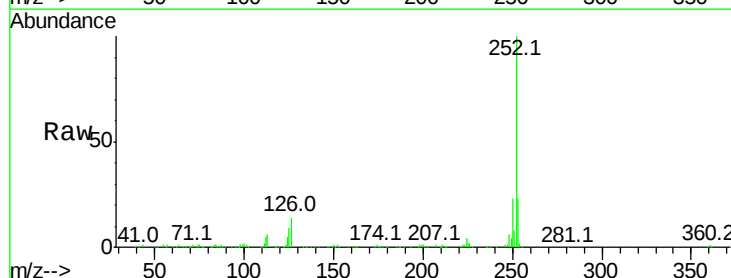
Instrument :  
BNA\_F  
ClientSampleId :

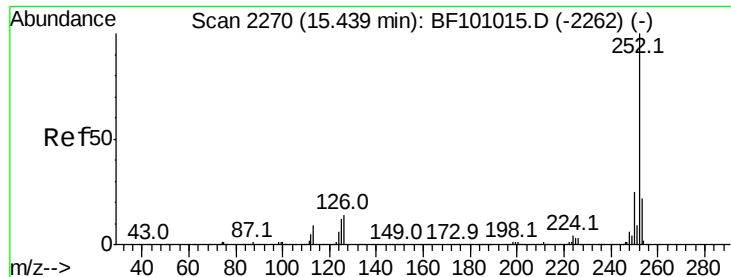
Tot Ion:252 Resp: 279000  
Ion Ratio Lower Upper  
252 100  
253 21.1 17.0 25.6  
125 9.5 9.0 13.6



#88  
Benzo(k)fluoranthene  
Concen: 44.473 ng  
RT: 15.08 min Scan# 2209  
Delta R.T. 0.01 min  
Lab File: BF101328.D  
Acq: 12 Dec 2017 14:33

Tgt Ion:252 Resp: 272237  
Ion Ratio Lower Upper  
252 100  
253 22.9 17.9 26.9  
125 9.5 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 44.927 ng

RT: 15.42 min Scan# 2267

Delta R.T. 0.01 min

Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

Instrument :

BNA\_F

ClientSampleId :

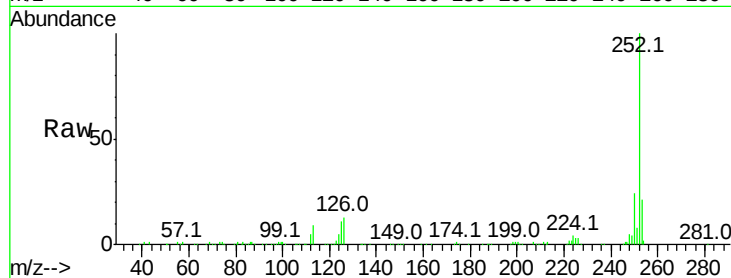
Tot Ion:252 Resp: 253772

Ion Ratio Lower Upper

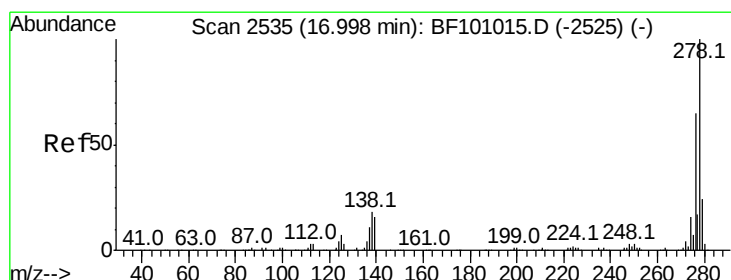
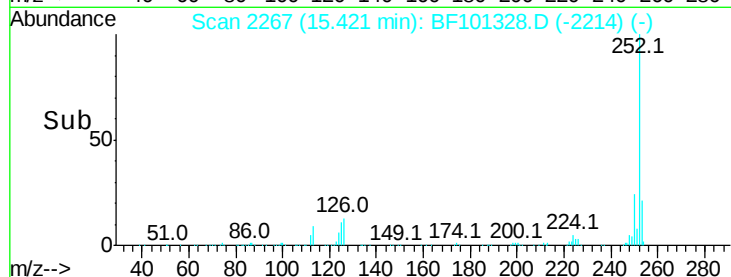
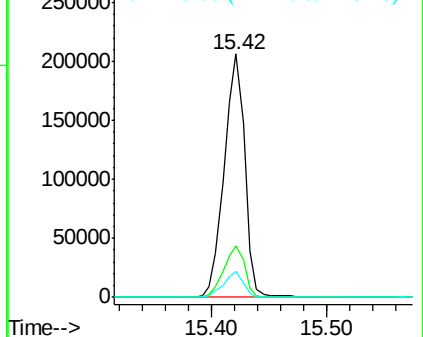
252 100

253 21.2 17.1 25.7

125 10.8 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: 42.224 ng

RT: 16.98 min Scan# 2532

Delta R.T. 0.02 min

Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

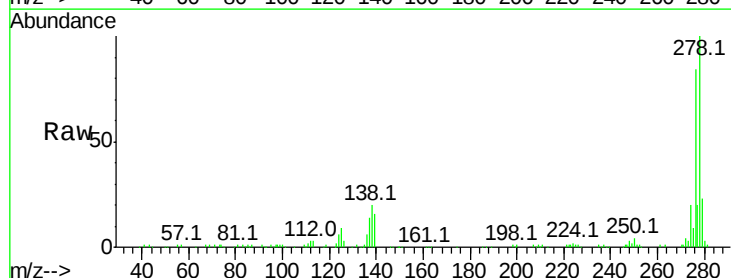
Tgt Ion:278 Resp: 210264

Ion Ratio Lower Upper

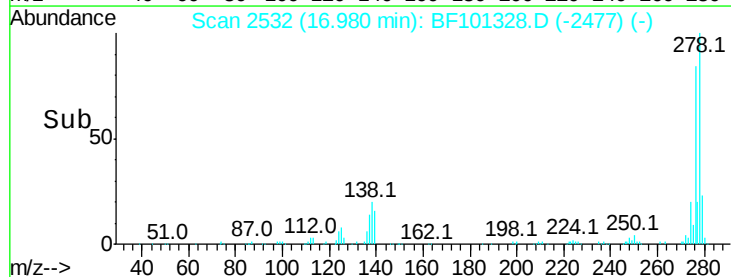
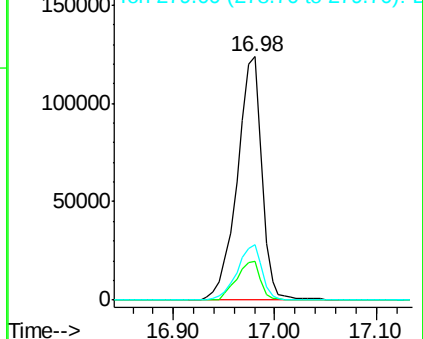
278 100

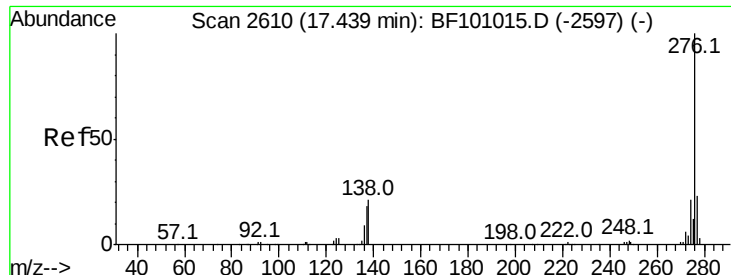
139 16.2 15.9 23.9

279 23.0 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: 45.272 ng

RT: 17.42 min Scan# 2607

Delta R.T. 0.03 min

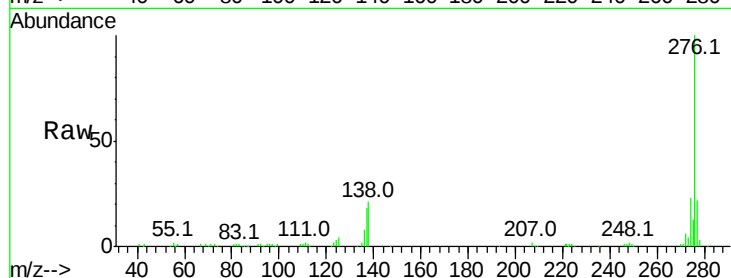
Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

Instrument :

BNA\_F

ClientSampleId :



|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 276   | Resp: | 212458 |
| Ion      | Ratio | Lower | Upper  |
| 276      | 100   |       |        |
| 277      | 22.3  | 17.9  | 26.9   |
| 138      | 20.7  | 21.8  | 32.8   |

Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

