

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\  
 Data File : BF108984.D  
 Acq On : 14 Sep 2018 9:36  
 Operator : JU/SJ  
 Sample : SSTDICC2.5  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Sep 14 12:24:38 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 14 12:24:25 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.72  | 152  | 150187   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.00  | 136  | 596599   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.75  | 164  | 296770   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.23 | 188  | 587676   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.85 | 240  | 539469   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.25 | 264  | 536611   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 5) 2-Fluorophenol           | 5.32  | 112  | 51069    | 5.63 | ng    | 0.00     |
| 7) Phenol-d6                | 6.34  | 99   | 67206    | 5.76 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.27  | 82   | 58796    | 6.17 | ng    | -0.02    |
| 41) 2,4,6-Tribromophenol    | 10.53 | 330  | 17253    | 6.09 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 9.08  | 172  | 129610   | 7.45 | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.81 | 244  | 119214   | 5.15 | ng    | 0.00     |

| Target Compounds               | R.T. | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|------|------|----------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 2.40 | 88   | 11943    | 2.741 | ng    | 88     |
| 3) Pyridine                    | 3.17 | 79   | 22234    | 1.863 | ng    | 93     |
| 4) n-Nitrosodimethylamine      | 3.04 | 42   | 9986     | 2.179 | ng    | # 97   |
| 6) Aniline                     | 6.38 | 93   | 42136    | 2.686 | ng    | 95     |
| 8) 2-Chlorophenol              | 6.50 | 128  | 28729    | 2.863 | ng    | 93     |
| 9) Benzaldehyde                | 6.26 | 77   | 23609    | 2.853 | ng    | 97     |
| 10) Phenol                     | 6.35 | 94   | 37749    | 2.826 | ng    | 97     |
| 11) bis(2-Chloroethyl)ether    | 6.45 | 93   | 28492    | 2.662 | ng    | 95     |
| 12) 1,3-Dichlorobenzene        | 6.66 | 146  | 32750    | 2.860 | ng    | 98     |
| 13) 1,4-Dichlorobenzene        | 6.74 | 146  | 32427    | 2.832 | ng    | 99     |
| 14) 1,2-Dichlorobenzene        | 6.89 | 146  | 31289    | 2.964 | ng    | 98     |
| 15) Benzyl Alcohol             | 6.85 | 79   | 23602    | 2.637 | ng    | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.00 | 45   | 40432    | 2.527 | ng    | 96     |
| 17) 2-Methylphenol             | 6.97 | 107  | 23437    | 2.764 | ng    | 94     |
| 18) Hexachloroethane           | 7.24 | 117  | 11737    | 2.843 | ng    | 96     |
| 19) n-Nitroso-di-n-propylamine | 7.12 | 70   | 21608    | 2.665 | ng    | 98     |
| 20) 3+4-Methylphenols          | 6.97 | 107  | 23437    | 2.359 | ng    | 82     |
| 22) Acetophenone               | 7.12 | 105  | 40877    | 3.019 | ng    | # 98   |
| 24) Nitrobenzene               | 7.29 | 77   | 30018    | 2.935 | ng    | 98     |
| 25) Isophorone                 | 7.54 | 82   | 49613    | 2.609 | ng    | 99     |
| 26) 2-Nitrophenol              | 7.61 | 139  | 12734    | 3.160 | ng    | 95     |
| 27) 2,4-Dimethylphenol         | 7.65 | 122  | 21626    | 2.643 | ng    | 97     |
| 28) bis(2-Chloroethoxy)methane | 7.75 | 93   | 34065    | 2.679 | ng    | 98     |
| 29) 2,4-Dichlorophenol         | 7.85 | 162  | 22756    | 2.697 | ng    | 99     |
| 30) 1,2,4-Trichlorobenzene     | 7.94 | 180  | 26044    | 2.848 | ng    | 98     |
| 31) Naphthalene                | 8.02 | 128  | 81764    | 3.046 | ng    | 98     |
| 32) Benzoic acid               | 7.70 | 122  | 6162     | 1.230 | ng    | 94     |
| 33) 4-Chloroaniline            | 8.07 | 127  | 34962    | 2.836 | ng    | 98     |
| 34) Hexachlorobutadiene        | 8.15 | 225  | 15678    | 2.870 | ng    | 99     |
| 35) Caprolactam                | 8.39 | 113  | 7186     | 2.513 | ng    | # 82   |
| 36) 4-Chloro-3-methylphenol    | 8.55 | 107  | 24503    | 2.726 | ng    | 96     |
| 37) 2-Methylnaphthalene        | 8.71 | 142  | 54318    | 3.063 | ng    | 100    |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.88 | 216  | 27867    | 3.141 | ng    | 97     |
| 40) Hexachlorocyclopentadiene  | 8.88 | 237  | 9514     | 2.132 | ng    | 99     |

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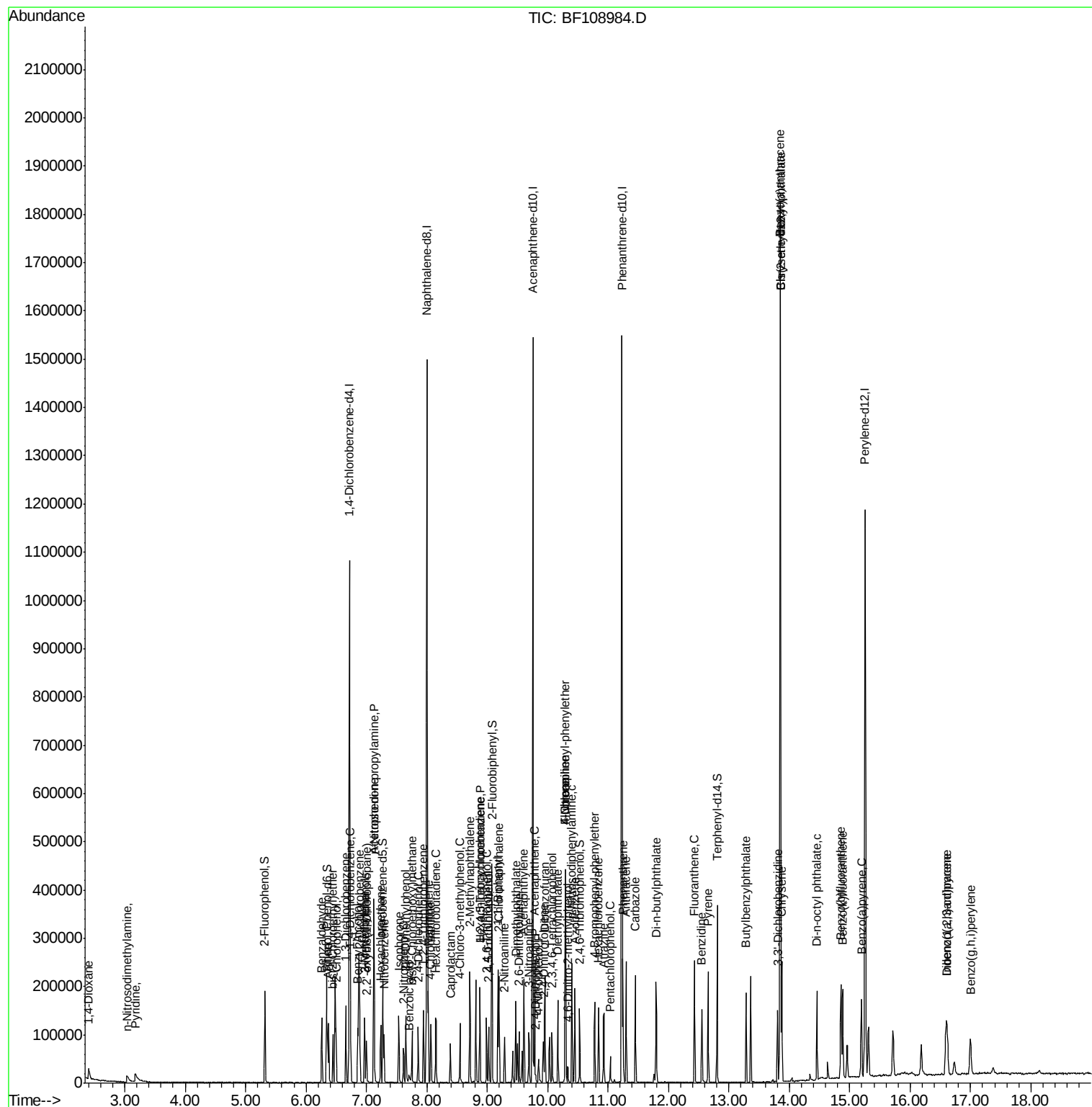
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 8.99  | 196  | 16686    | 2.761 | ng    | 99       |
| 43) 2,4,5-Trichlorophenol      | 9.02  | 196  | 17288    | 2.760 | ng    | 95       |
| 45) 1,1'-Biphenyl              | 9.18  | 154  | 70709    | 3.095 | ng    | 97       |
| 46) 2-Chloronaphthalene        | 9.20  | 162  | 55673    | 3.013 | ng    | 97       |
| 47) 2-Nitroaniline             | 9.28  | 65   | 15277    | 3.026 | ng    | # 87     |
| 48) Acenaphthylene             | 9.61  | 152  | 85632    | 3.109 | ng    | 99       |
| 49) Dimethylphthalate          | 9.47  | 163  | 60079    | 2.894 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.52  | 165  | 11622    | 2.938 | ng    | # 84     |
| 51) Acenaphthene               | 9.78  | 154  | 51345    | 3.013 | ng    | 98       |
| 52) 3-Nitroaniline             | 9.69  | 138  | 14521    | 3.084 | ng    | 82       |
| 53) 2,4-Dinitrophenol          | 9.80  | 184  | 2140     | 1.860 | ng    | # 20     |
| 54) Dibenzofuran               | 9.95  | 168  | 77756    | 3.130 | ng    | 97       |
| 55) 4-Nitrophenol              | 9.85  | 139  | 9185     | 2.610 | ng    | 91       |
| 56) 2,4-Dinitrotoluene         | 9.93  | 165  | 14658    | 2.898 | ng    | # 94     |
| 57) Fluorene                   | 10.30 | 166  | 58602    | 3.676 | ng    | 95       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.07 | 232  | 13756    | 2.723 | ng    | # 87     |
| 59) Diethylphthalate           | 10.17 | 149  | 60033    | 2.803 | ng    | 97       |
| 60) 4-Chlorophenyl-phenylether | 10.29 | 204  | 30360    | 3.566 | ng    | 92       |
| 61) 4-Nitroaniline             | 10.30 | 138  | 13478    | 3.160 | ng    | 95       |
| 62) Azobenzene                 | 10.45 | 77   | 62991    | 2.849 | ng    | 94       |
| 64) 4,6-Dinitro-2-methylphenol | 10.34 | 198  | 4601     | 2.221 | ng    | 78       |
| 65) n-Nitrosodiphenylamine     | 10.40 | 169  | 54783    | 2.804 | ng    | 95       |
| 66) 4-Bromophenyl-phenylether  | 10.78 | 248  | 18637    | 2.808 | ng    | # 85     |
| 67) Hexachlorobenzene          | 10.84 | 284  | 19939    | 2.814 | ng    | 95       |
| 68) Atrazine                   | 10.93 | 200  | 16855    | 2.695 | ng    | 95       |
| 69) Pentachlorophenol          | 11.04 | 266  | 8503     | 1.963 | ng    | 97       |
| 70) Phenanthrene               | 11.25 | 178  | 86209    | 3.072 | ng    | 99       |
| 71) Anthracene                 | 11.30 | 178  | 88367    | 3.289 | ng    | 96       |
| 72) Carbazole                  | 11.45 | 167  | 87022    | 3.075 | ng    | 99       |
| 73) Di-n-butylphthalate        | 11.80 | 149  | 97681    | 3.108 | ng    | 99       |
| 74) Fluoranthene               | 12.43 | 202  | 92631    | 3.334 | ng    | 96       |
| 76) Benzidine                  | 12.55 | 184  | 62054    | 2.427 | ng    | 98       |
| 77) Pyrene                     | 12.66 | 202  | 96417    | 2.323 | ng    | 99       |
| 79) Butylbenzylphthalate       | 13.28 | 149  | 39479    | 2.112 | ng    | 95       |
| 80) Benzo(a)anthracene         | 13.84 | 228  | 85962    | 2.486 | ng    | 97       |
| 81) 3,3'-Dichlorobenzidine     | 13.81 | 252  | 32913    | 2.443 | ng    | # 96     |
| 82) Chrysene                   | 13.88 | 228  | 86306    | 2.578 | ng    | 96       |
| 83) Bis(2-ethylhexyl)phthalate | 13.85 | 149  | 51866    | 2.208 | ng    | 98       |
| 84) Di-n-octyl phthalate       | 14.46 | 149  | 87606    | 2.237 | ng    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.59 | 276  | 71530    | 2.415 | ng    | 96       |
| 87) Benzo(b)fluoranthene       | 14.85 | 252  | 77092    | 2.642 | ng    | 99       |
| 88) Benzo(k)fluoranthene       | 14.88 | 252  | 79213    | 2.948 | ng    | 96       |
| 89) Benzo(a)pyrene             | 15.19 | 252  | 72263    | 2.745 | ng    | 99       |
| 90) Dibenzo(a,h)anthracene     | 16.61 | 278  | 58710    | 2.531 | ng    | 98       |
| 91) Benzo(g,h,i)perylene       | 17.00 | 276  | 56944    | 2.452 | ng    | 93       |

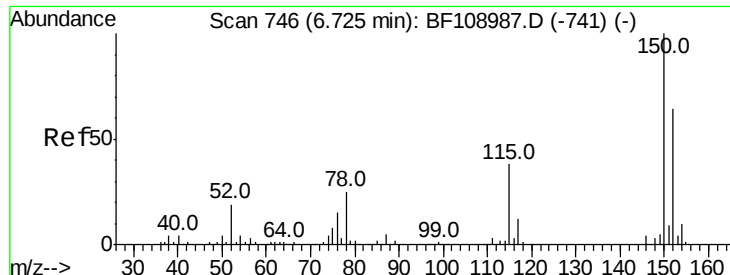
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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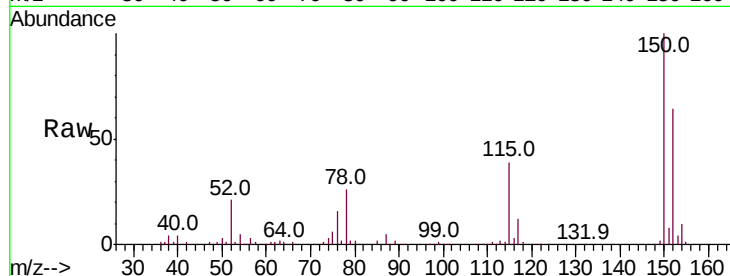


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.72 min Scan# 745  
Delta R.T. -0.01 min  
Lab File: BF108984.D  
Acq: 14 Sep 2018 9:36

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.6 | 124.6 | 186.8 |
| 115     | 60.7  | 50.1  | 75.1  |

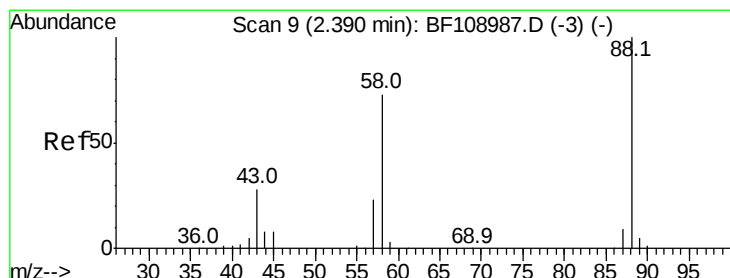
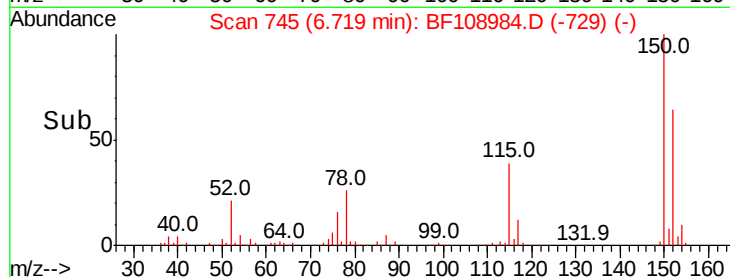
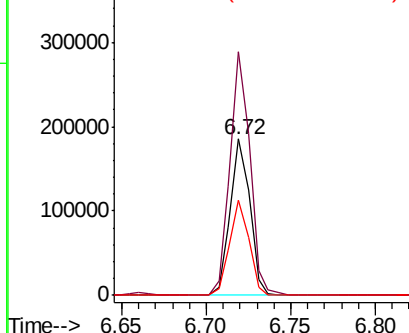


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

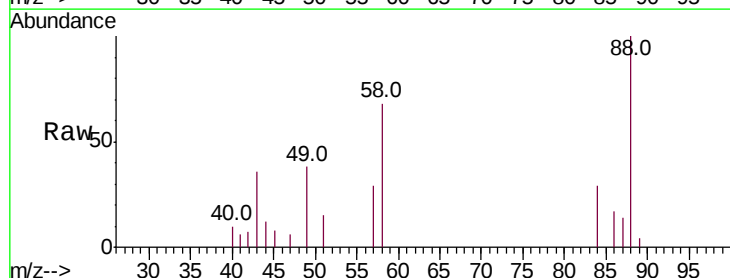
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 2.741 ng  
RT: 2.40 min Scan# 11  
Delta R.T. 0.01 min  
Lab File: BF108984.D  
Acq: 14 Sep 2018 9:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 64.8  | 62.6  | 93.8  |
| 43      | 33.5  | 24.6  | 37.0  |

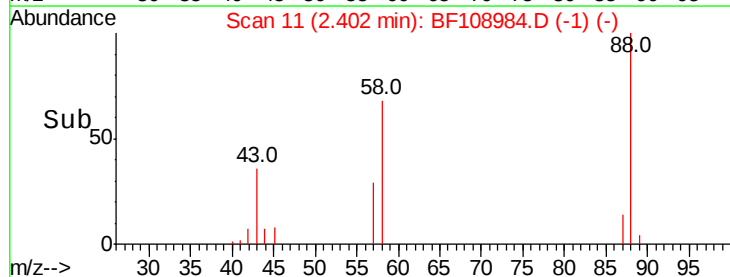
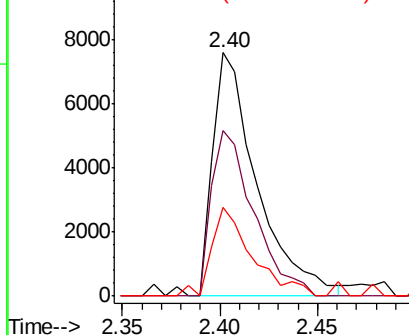


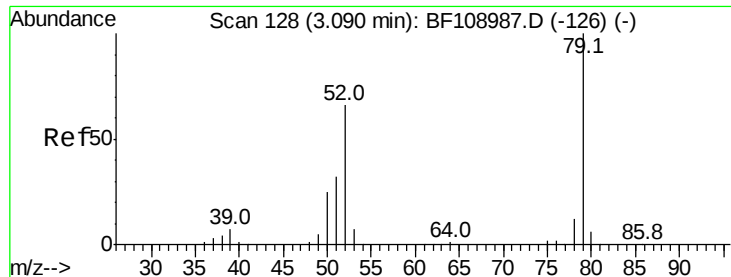
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 1.863 ng

RT: 3.17 min Scan# 142

Delta R.T. 0.08 min

Lab File: BF108984.D

Acq: 14 Sep 2018 9:36

Instrument :

BNA\_F

ClientSampled :

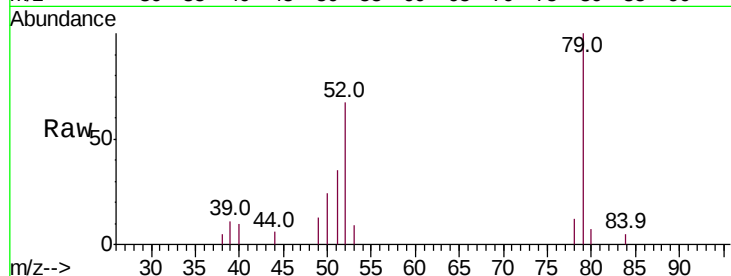
Tot Ion: 79 Resp: 22234

Ion Ratio Lower Upper

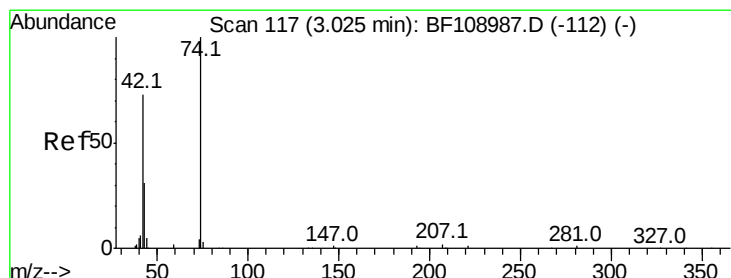
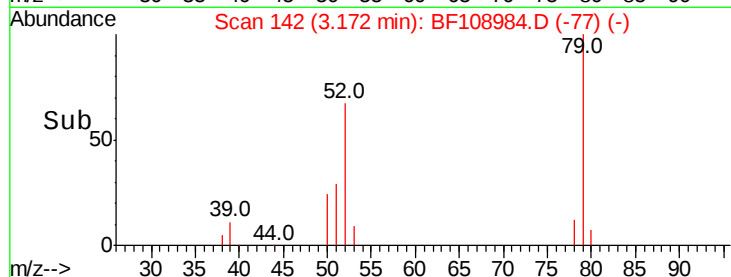
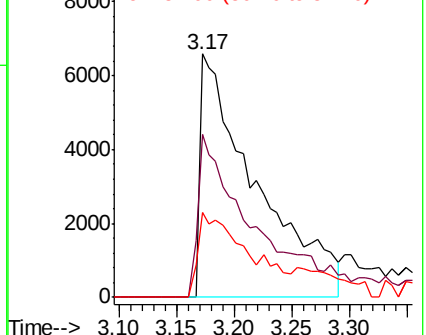
79 100

52 67.0 59.8 89.6

51 34.9 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1  
Ion 52.00 (51.70 to 52.70): BF1  
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 2.179 ng

RT: 3.04 min Scan# 119

Delta R.T. 0.01 min

Lab File: BF108984.D

Acq: 14 Sep 2018 9:36

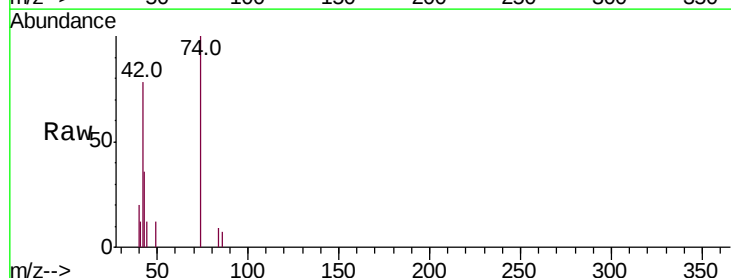
Tgt Ion: 42 Resp: 9986

Ion Ratio Lower Upper

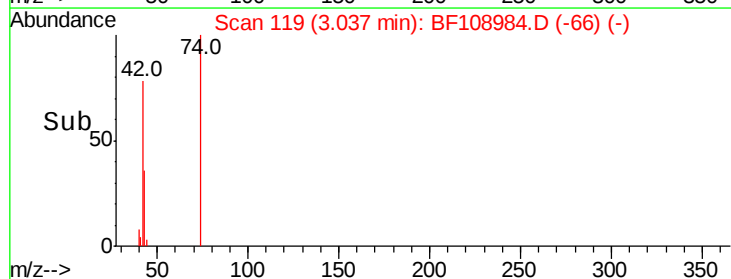
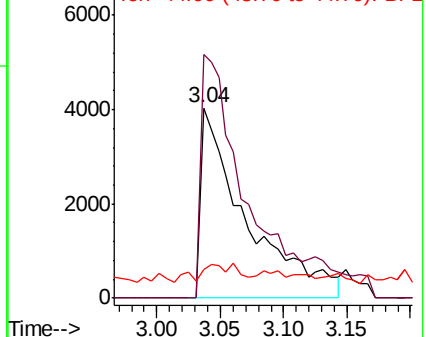
42 100

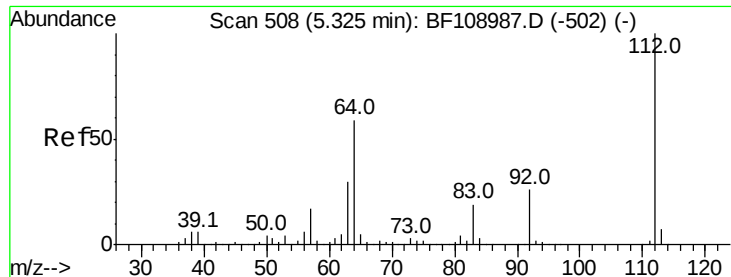
74 128.1 104.9 157.3

44 14.9 6.9 10.3#



Abundance Ion 42.00 (41.70 to 42.70): BF1  
Ion 74.00 (73.70 to 74.70): BF1  
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 5.633 ng

RT: 5.32 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF108984.D

Acq: 14 Sep 2018 9:36

Instrument :

BNA\_F

ClientSampled :

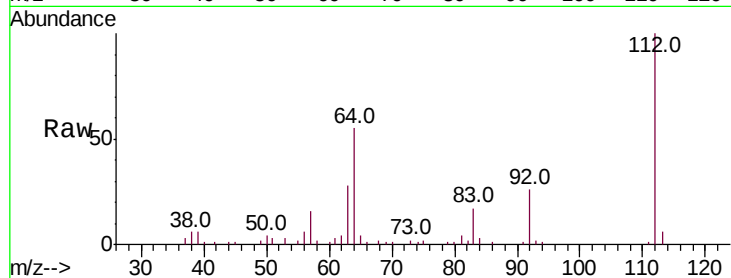
Tot Ion:112 Resp: 51069

Ion Ratio Lower Upper

112 100

64 55.0 47.9 71.9

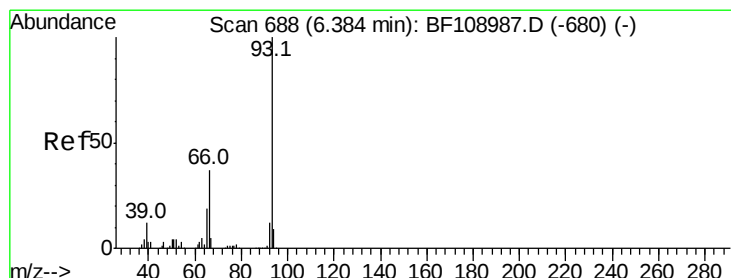
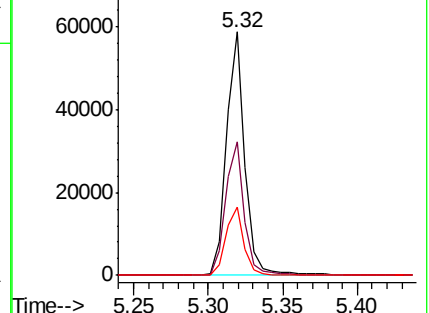
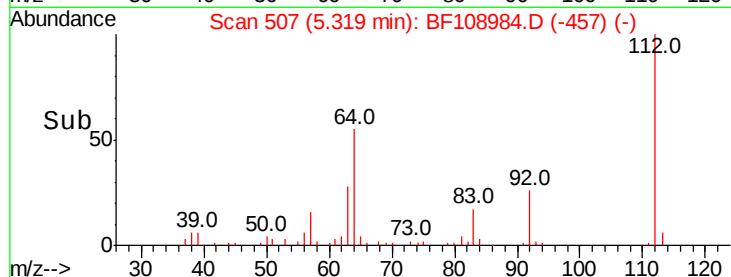
63 28.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 2.686 ng

RT: 6.38 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF108984.D

Acq: 14 Sep 2018 9:36

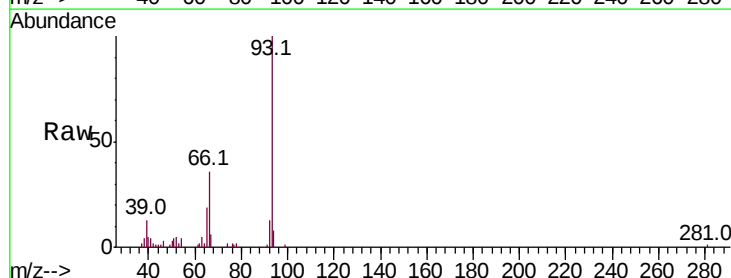
Tgt Ion: 93 Resp: 42136

Ion Ratio Lower Upper

93 100

66 36.1 32.2 48.2

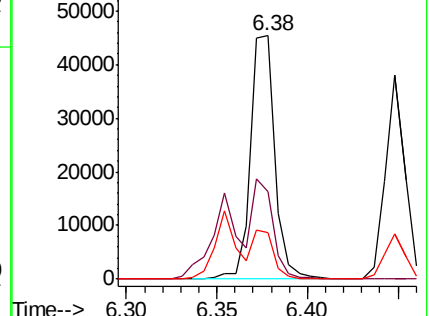
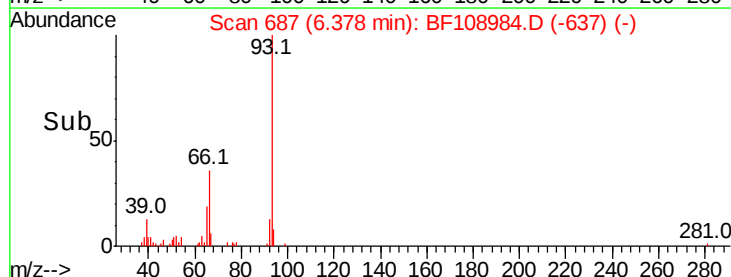
65 19.2 16.4 24.6

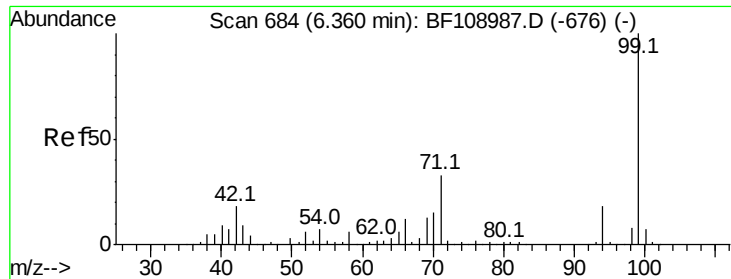


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 5.762 ng

RT: 6.34 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF108984.D

Acq: 14 Sep 2018 9:36

Instrument :

BNA\_F

ClientSampled :

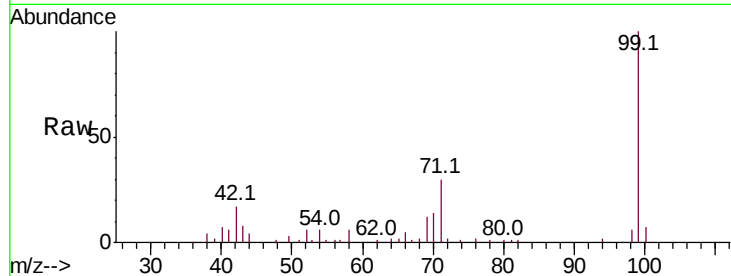
Tot Ion: 99 Resp: 67206

Ion Ratio Lower Upper

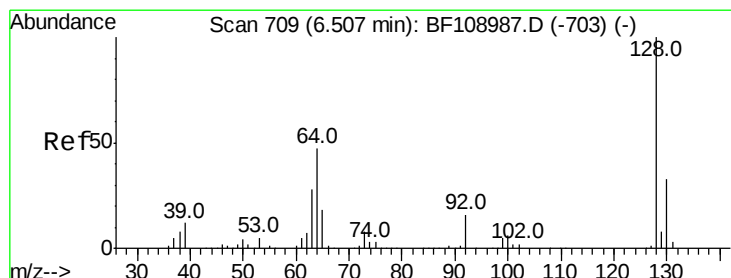
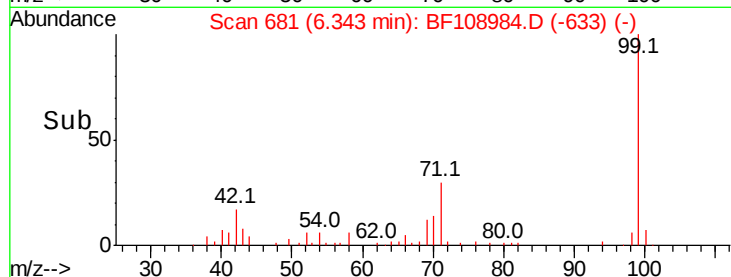
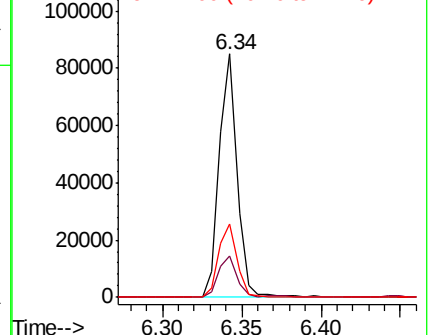
99 100

42 16.9 14.5 21.7

71 30.3 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: 2.863 ng

RT: 6.50 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF108984.D

Acq: 14 Sep 2018 9:36

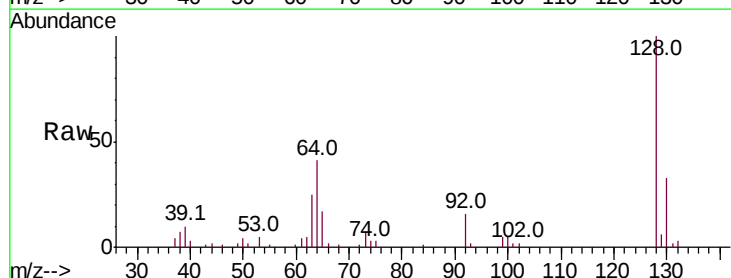
Tgt Ion: 128 Resp: 28729

Ion Ratio Lower Upper

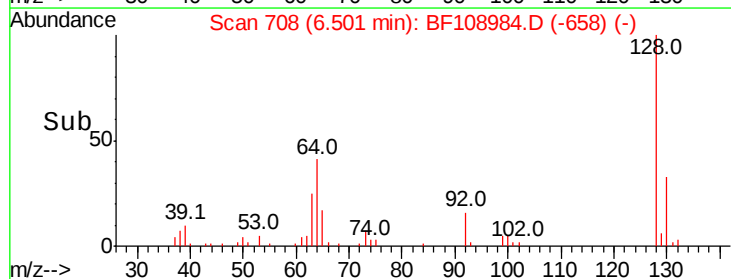
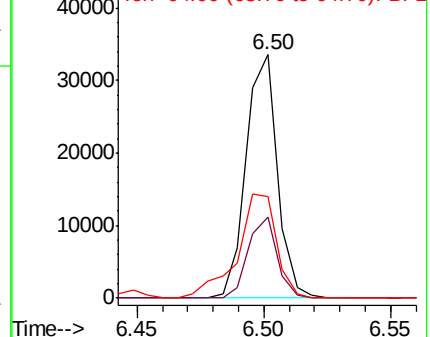
128 100

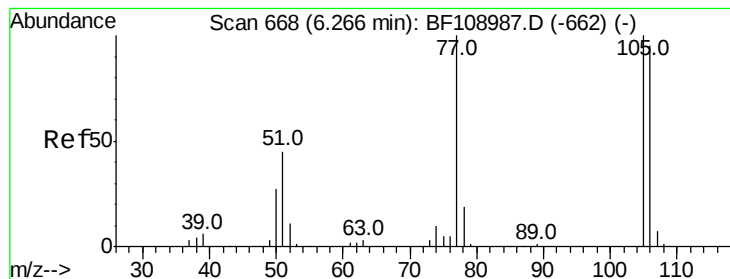
130 33.2 13.0 53.0

64 41.5 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: 2.853 ng

RT: 6.26 min Scan# 667

Delta R.T. -0.01 min

Lab File: BF108984.D

Acq: 14 Sep 2018 9:36

Instrument :

BNA\_F

ClientSampleId :

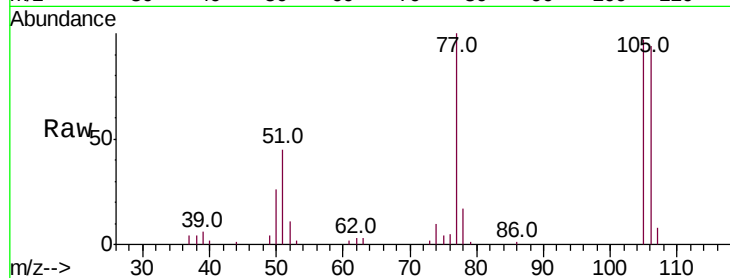
Tot Ion: 77 Resp: 23609

Ion Ratio Lower Upper

77 100

105 97.0 81.1 121.1

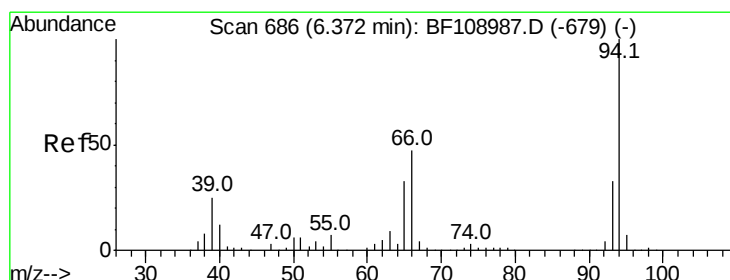
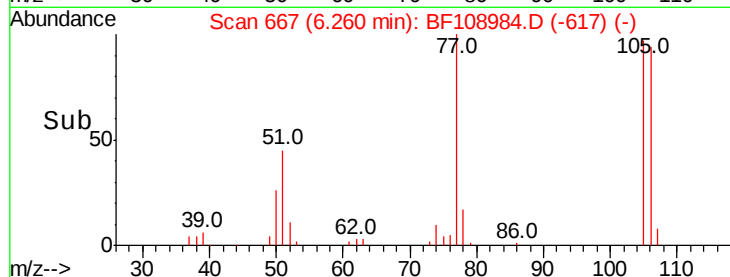
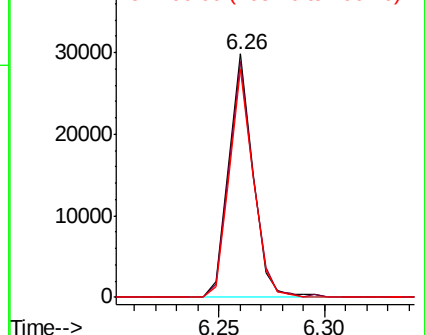
106 93.6 74.5 114.5



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: 2.826 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.02 min

Lab File: BF108984.D

Acq: 14 Sep 2018 9:36

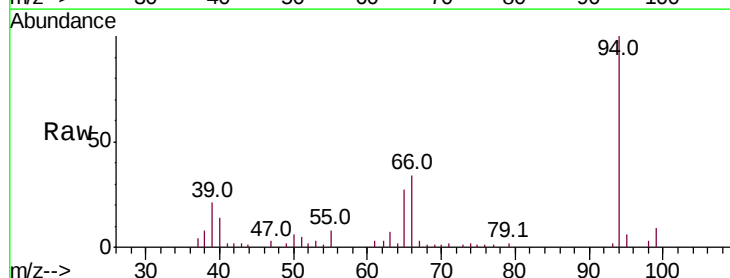
Tgt Ion: 94 Resp: 37749

Ion Ratio Lower Upper

94 100

65 27.0 7.9 47.9

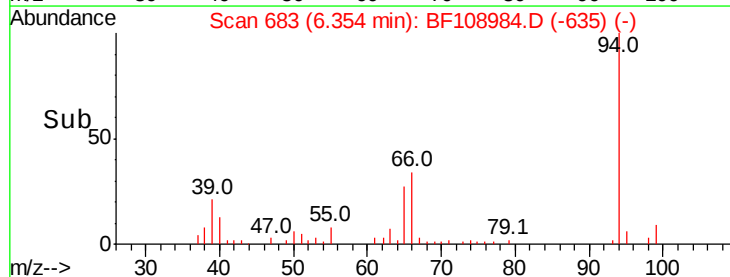
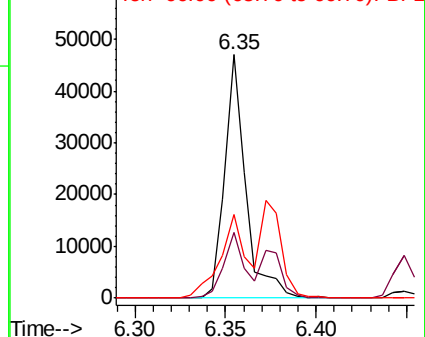
66 34.2 16.2 56.2

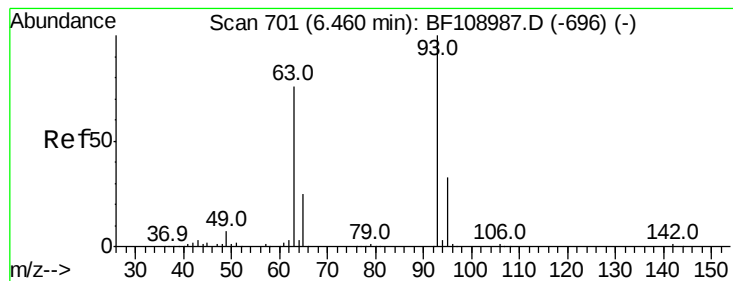


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

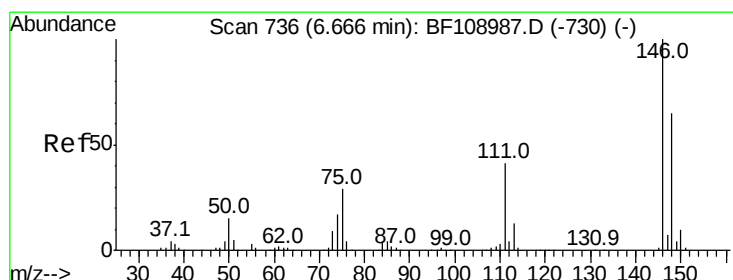
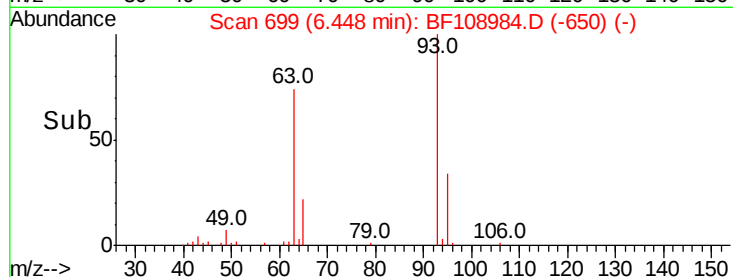
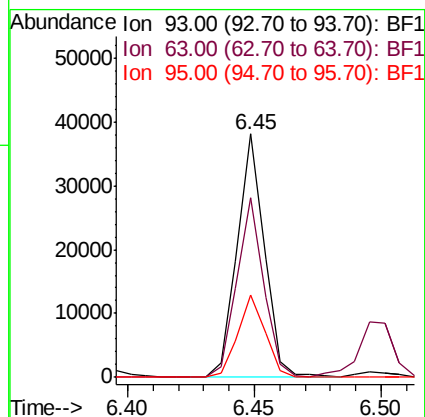
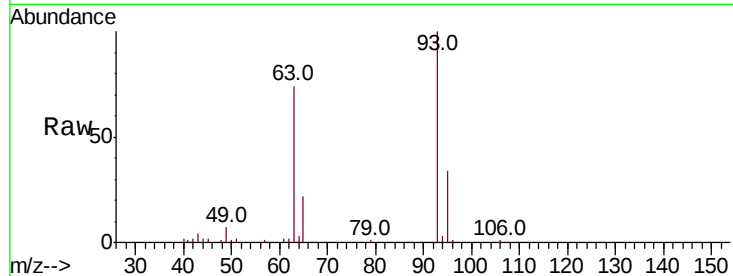




#11  
bis(2-Chloroethyl)ether  
Concen: 2.662 ng  
RT: 6.45 min Scan# 699  
Delta R.T. -0.01 min  
Lab File: BF108984.D  
Acq: 14 Sep 2018 9:36

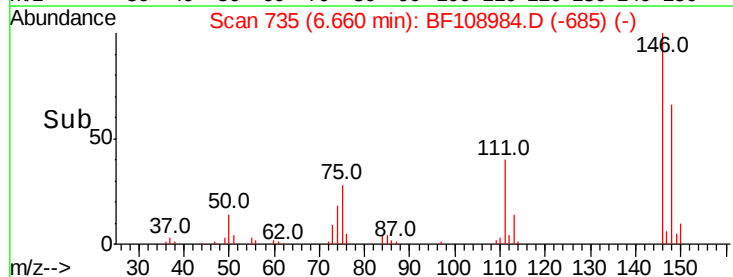
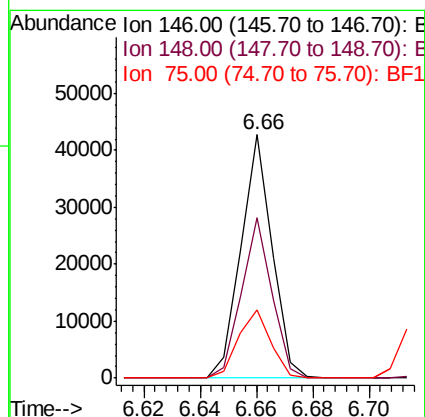
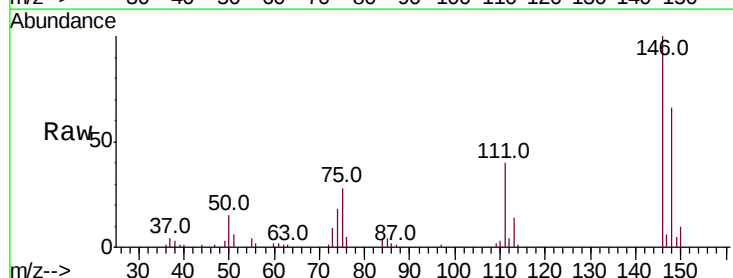
Instrument :  
BNA\_F  
ClientSampled :

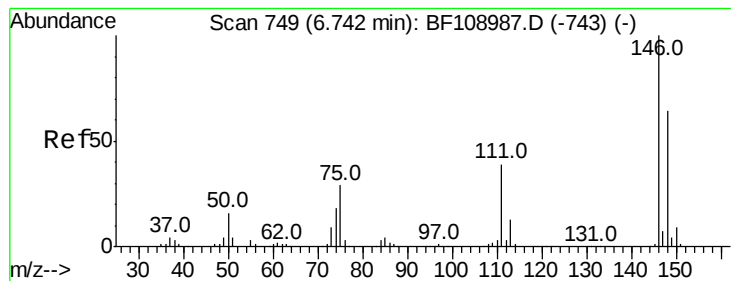
Tot Ion: 93 Resp: 28492  
Ion Ratio Lower Upper  
93 100  
63 73.9 58.6 98.6  
95 33.7 11.8 51.8



#12  
1,3-Dichlorobenzene  
Concen: 2.860 ng  
RT: 6.66 min Scan# 735  
Delta R.T. -0.01 min  
Lab File: BF108984.D  
Acq: 14 Sep 2018 9:36

Tgt Ion: 146 Resp: 32750  
Ion Ratio Lower Upper  
146 100  
148 66.0 51.8 77.8  
75 27.9 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 2.832 ng

RT: 6.74 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF108984.D

Acq: 14 Sep 2018 9:36

Instrument :

BNA\_F

ClientSampled :

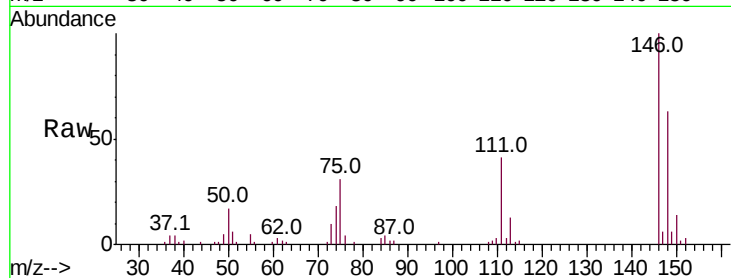
Tot Ion:146 Resp: 32427

Ion Ratio Lower Upper

146 100

148 63.5 50.8 76.2

111 41.2 34.2 51.2

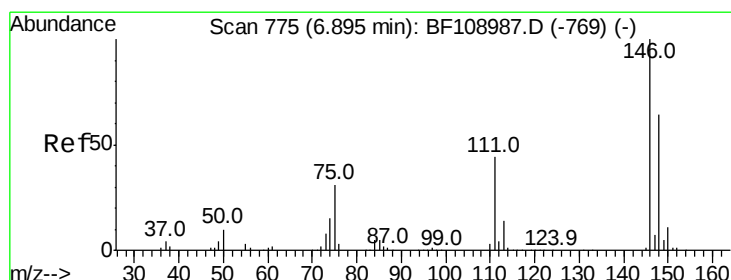
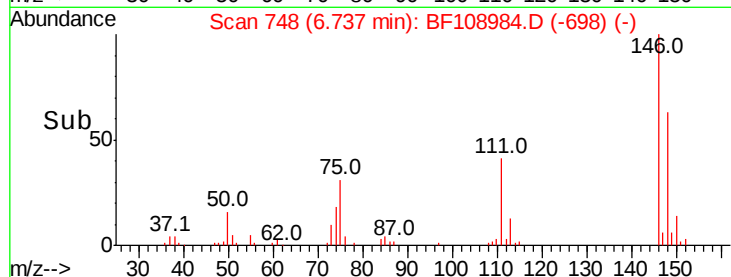
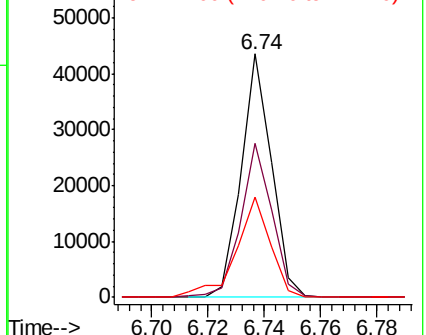


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 2.964 ng

RT: 6.89 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF108984.D

Acq: 14 Sep 2018 9:36

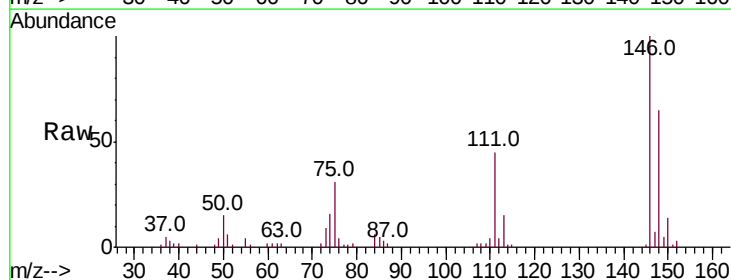
Tgt Ion:146 Resp: 31289

Ion Ratio Lower Upper

146 100

148 65.2 50.6 75.8

111 45.1 36.0 54.0

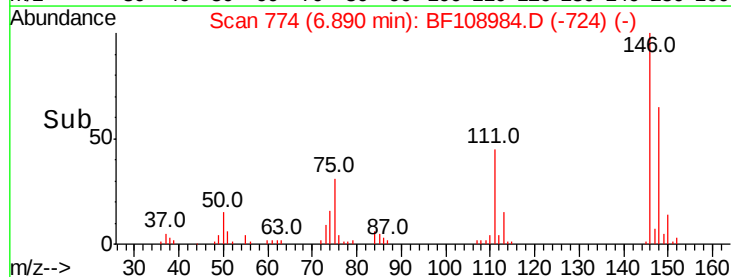
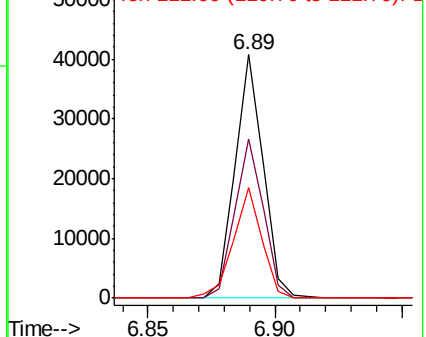


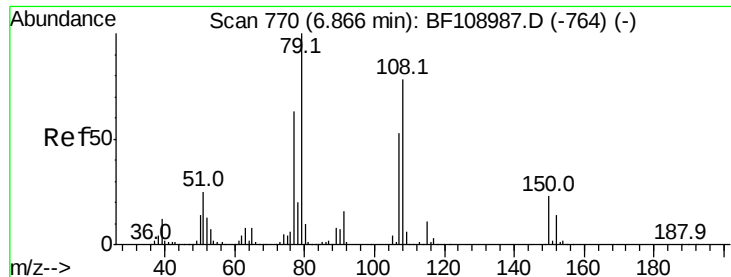
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 2.637 ng

RT: 6.85 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF108984.D

Acq: 14 Sep 2018 9:36

Instrument :

BNA\_F

ClientSampleId :

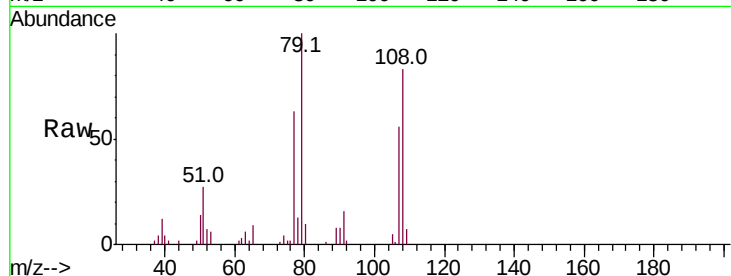
Tot Ion: 79 Resp: 23602

Ion Ratio Lower Upper

79 100

108 83.4 65.1 97.7

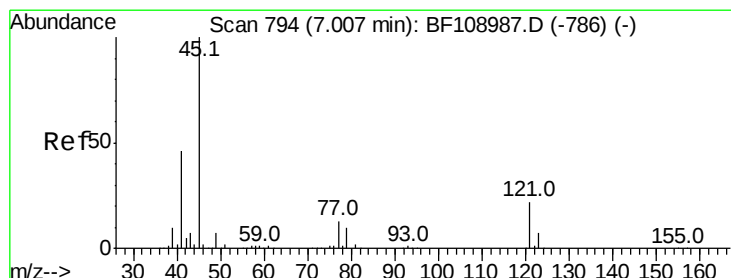
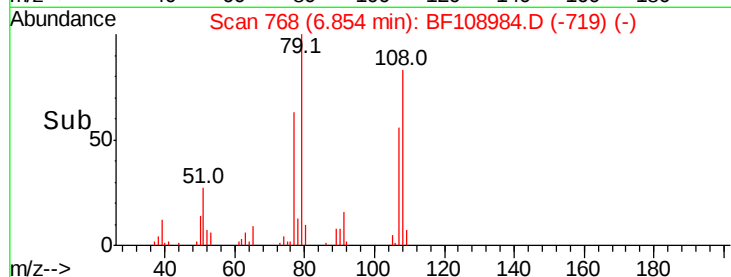
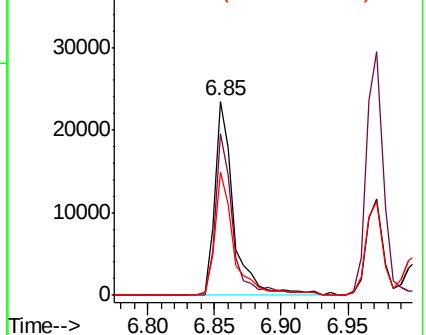
77 63.4 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 2.527 ng

RT: 7.00 min Scan# 793

Delta R.T. -0.01 min

Lab File: BF108984.D

Acq: 14 Sep 2018 9:36

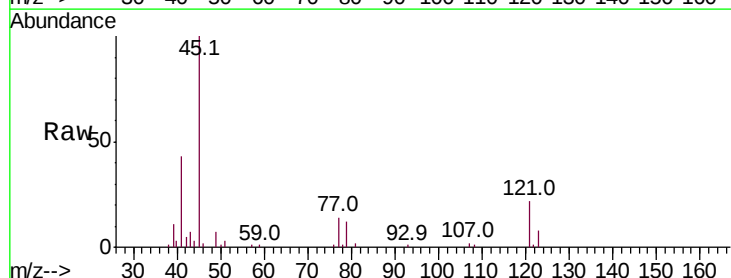
Tgt Ion: 45 Resp: 40432

Ion Ratio Lower Upper

45 100

77 13.7 0.0 32.9

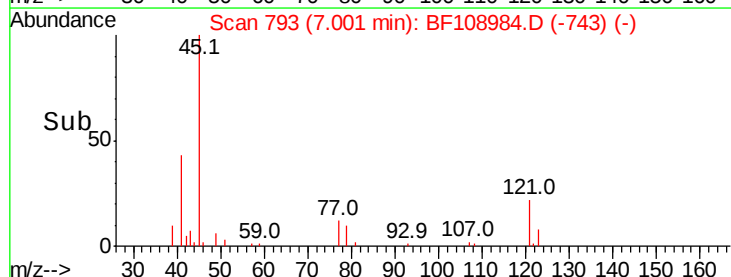
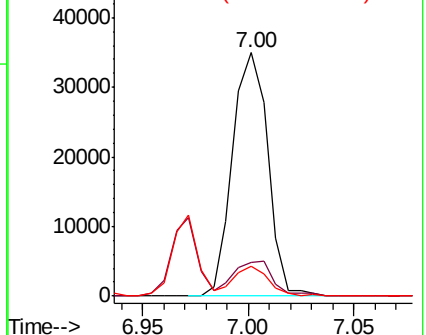
79 12.0 0.0 29.6

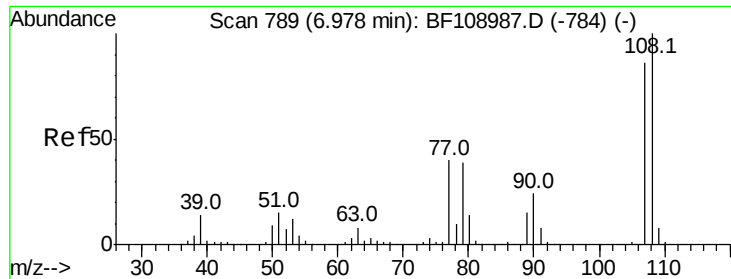


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

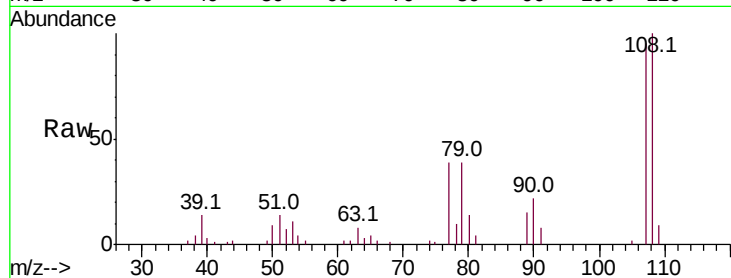




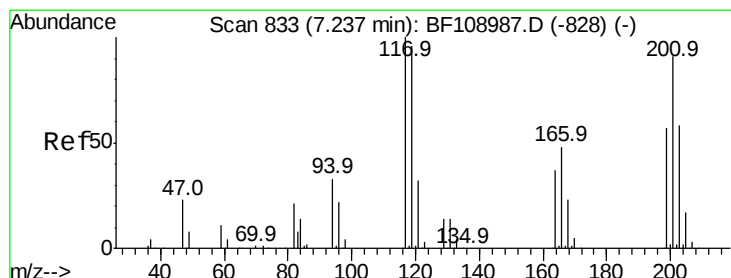
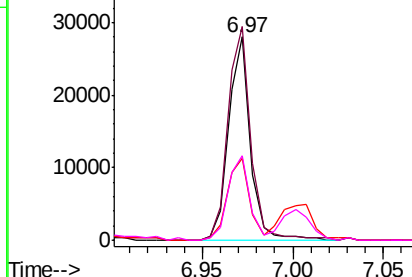
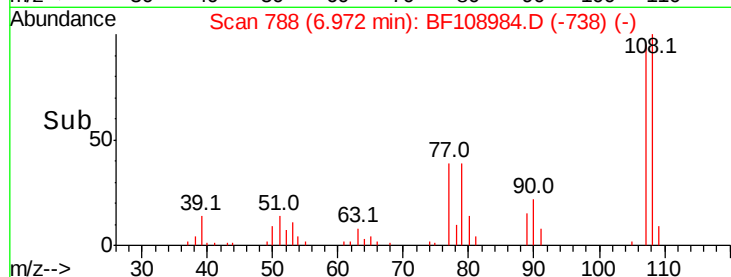
#17  
2-Methylphenol  
Concen: 2.764 ng  
RT: 6.97 min Scan# 788  
Delta R.T. -0.01 min  
Lab File: BF108984.D  
Acq: 14 Sep 2018 9:36

Instrument :  
BNA\_F  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 107   | Resp: | 23437 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 105.3 | 91.7  | 137.5 |
| 77       | 40.5  | 33.8  | 50.8  |
| 79       | 41.5  | 33.8  | 50.8  |

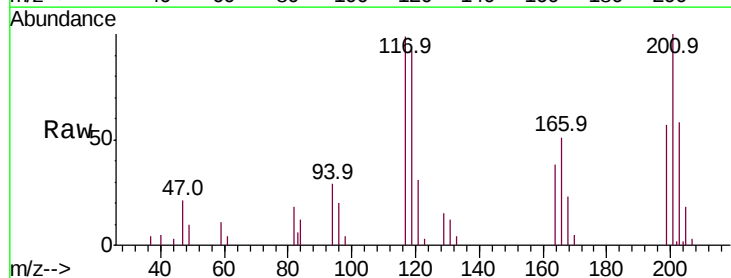


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

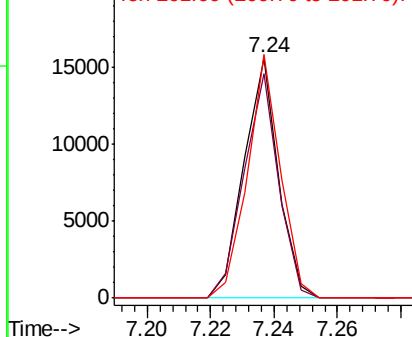
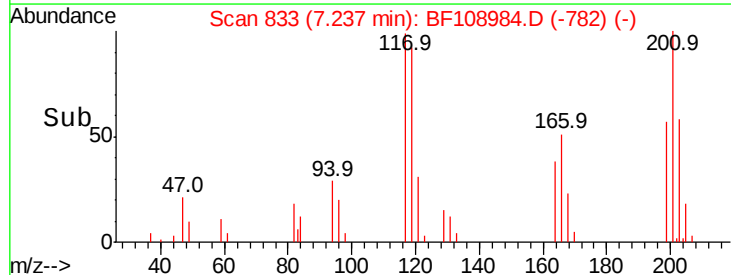


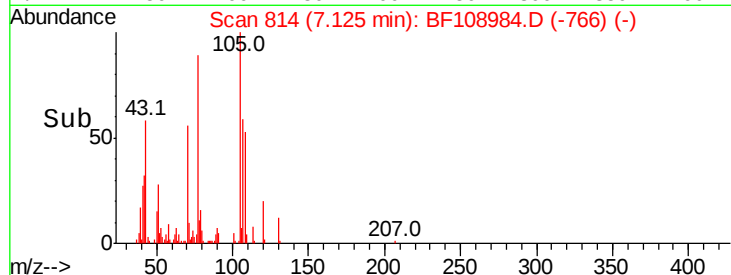
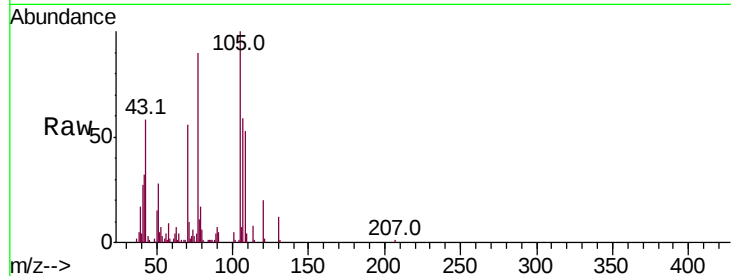
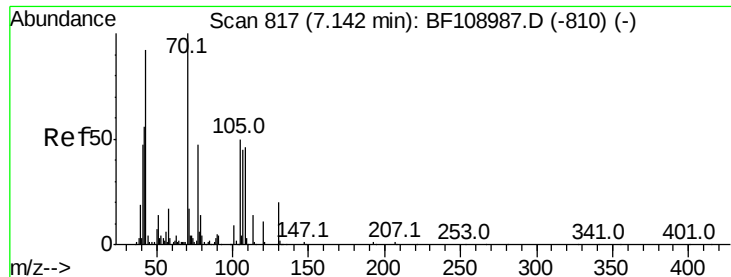
#18  
Hexachloroethane  
Concen: 2.843 ng  
RT: 7.24 min Scan# 833  
Delta R.T. 0.00 min  
Lab File: BF108984.D  
Acq: 14 Sep 2018 9:36

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 11737 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 93.6  | 75.8  | 113.8 |
| 201      | 101.5 | 75.7  | 113.5 |



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

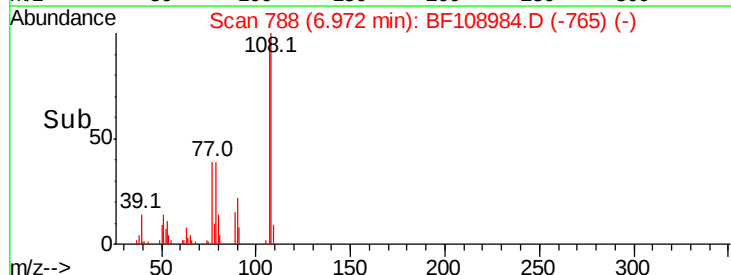
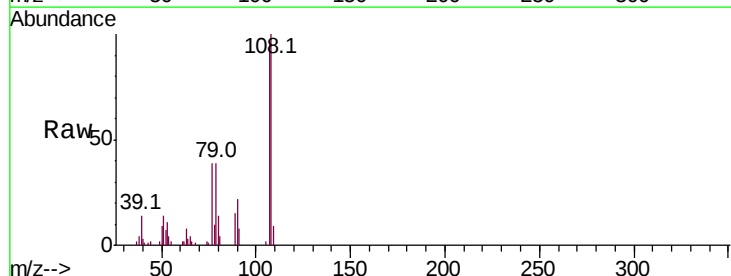
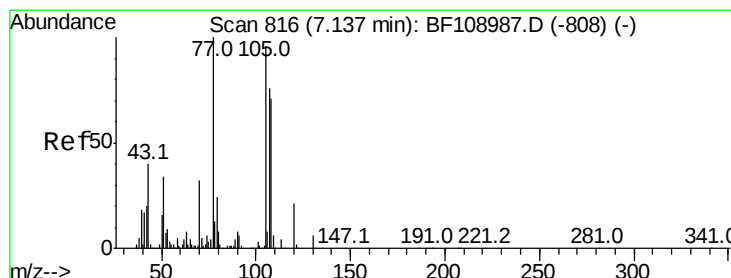
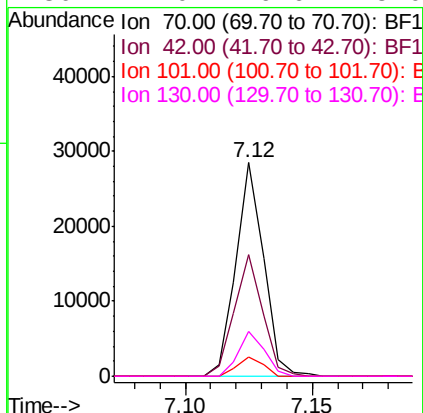




#19  
n-Nitroso-di-n-propylamine  
Concen: 2.665 ng  
RT: 7.12 min Scan# 814  
Delta R.T. -0.02 min  
Lab File: BF108984.D  
Acq: 14 Sep 2018 9:36

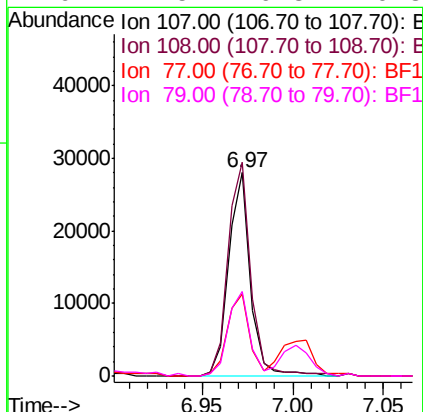
Instrument :  
BNA\_F  
ClientSampleId :

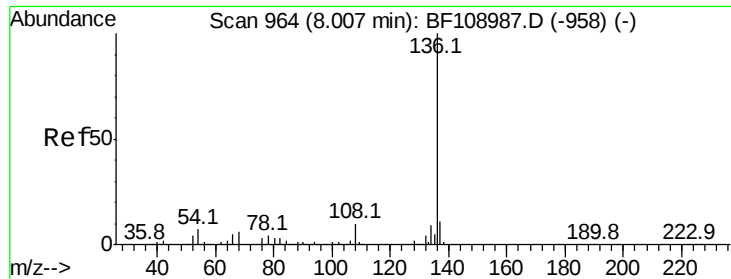
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 70    | Resp: | 21608 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 57.2  | 47.5  | 71.3  |
| 101      | 8.8   | 7.4   | 11.2  |
| 130      | 21.0  | 16.6  | 25.0  |



#20  
3+4-Methylphenols  
Concen: 2.359 ng  
RT: 6.97 min Scan# 788  
Delta R.T. -0.16 min  
Lab File: BF108984.D  
Acq: 14 Sep 2018 9:36

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 23437 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 105.3 | 68.2  | 108.2 |
| 77       | 40.5  | 26.7  | 66.7  |
| 79       | 41.5  | 6.3   | 46.3  |

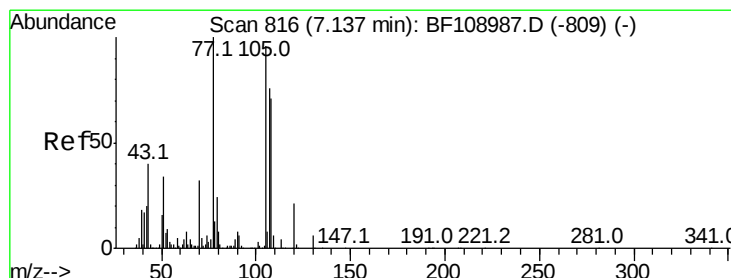
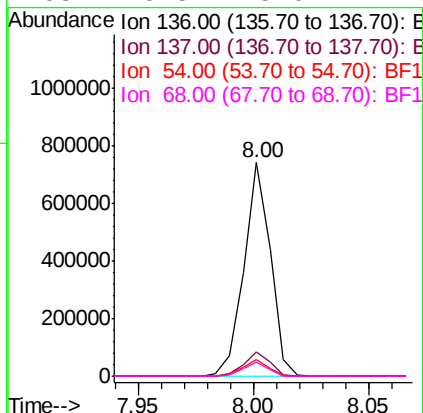
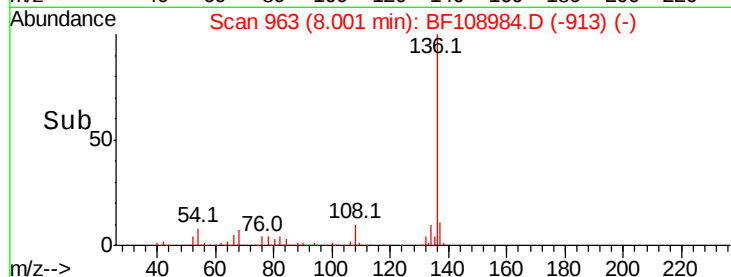
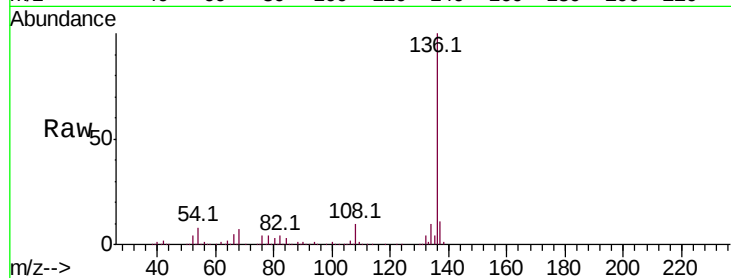




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.00 min Scan# 963  
Delta R.T. -0.01 min  
Lab File: BF108984.D  
Acq: 14 Sep 2018 9:36

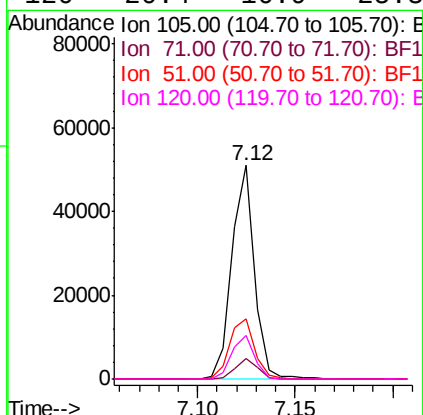
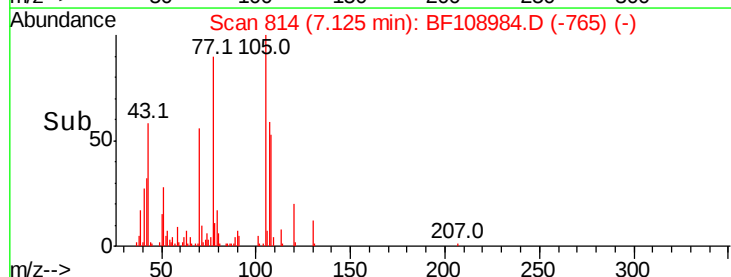
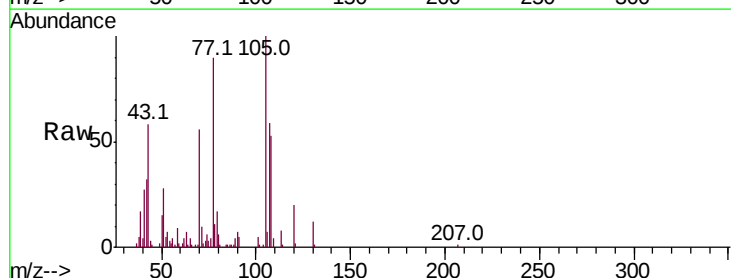
Instrument :  
BNA\_F  
ClientSampleId :

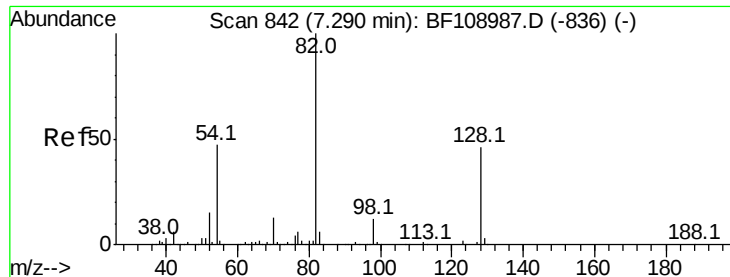
|             |       |        |
|-------------|-------|--------|
| Tot Ion:136 | Resp: | 596599 |
| Ion Ratio   | Lower | Upper  |
| 136 100     |       |        |
| 137 11.2    | 8.9   | 13.3   |
| 54 7.6      | 6.6   | 9.8    |
| 68 6.5      | 5.0   | 7.4    |



#22  
Acetophenone  
Concen: 3.019 ng  
RT: 7.12 min Scan# 814  
Delta R.T. -0.01 min  
Lab File: BF108984.D  
Acq: 14 Sep 2018 9:36

|             |       |       |
|-------------|-------|-------|
| Tgt Ion:105 | Resp: | 40877 |
| Ion Ratio   | Lower | Upper |
| 105 100     |       |       |
| 71 9.8      | 4.4   | 6.6#  |
| 51 28.2     | 22.3  | 33.5  |
| 120 20.4    | 16.9  | 25.3  |

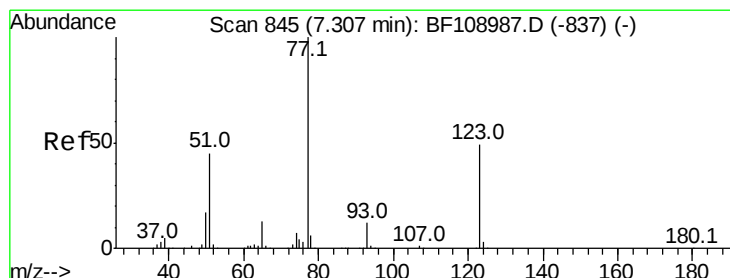
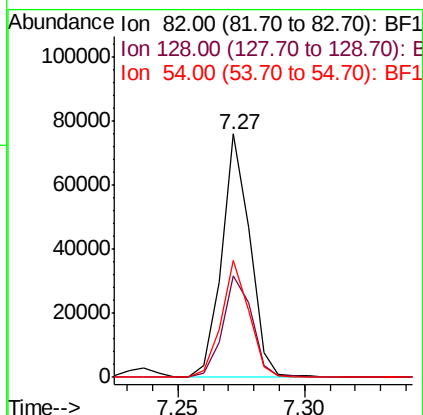
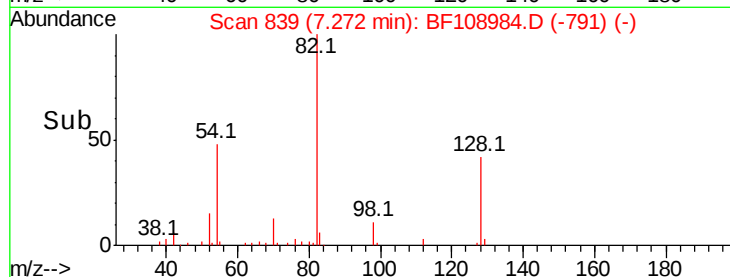
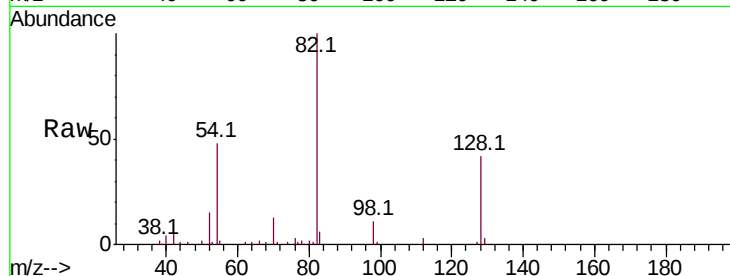




#23  
Nitrobenzene-d5  
Concen: 6.167 ng  
RT: 7.27 min Scan# 839  
Delta R.T. -0.02 min  
Lab File: BF108984.D  
Acq: 14 Sep 2018 9:36

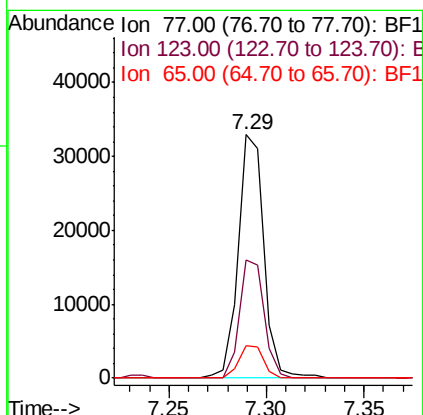
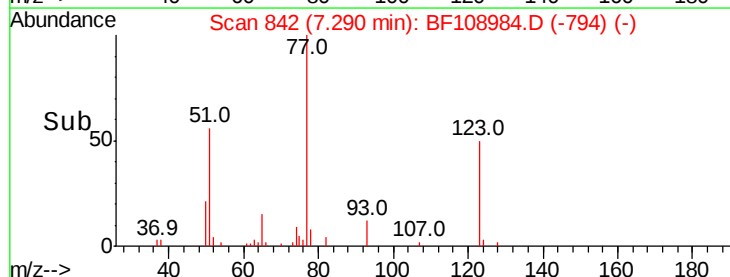
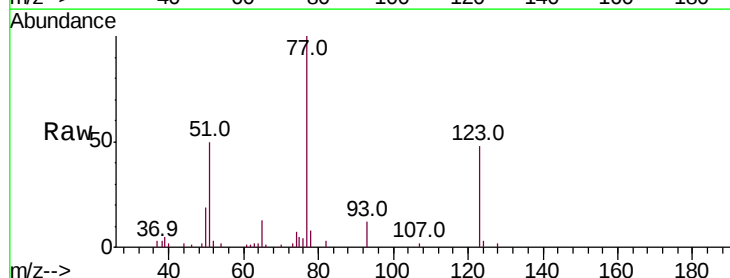
Instrument :  
BNA\_F  
ClientSampled :

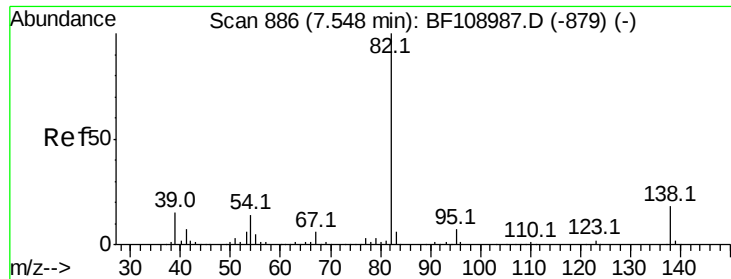
Tot Ion: 82 Resp: 58796  
Ion Ratio Lower Upper  
82 100  
128 41.6 36.1 54.1  
54 47.8 41.4 62.2



#24  
Nitrobenzene  
Concen: 2.935 ng  
RT: 7.29 min Scan# 842  
Delta R.T. -0.02 min  
Lab File: BF108984.D  
Acq: 14 Sep 2018 9:36

Tgt Ion: 77 Resp: 30018  
Ion Ratio Lower Upper  
77 100  
123 48.5 37.9 56.9  
65 13.2 11.0 16.4





#25

Isophorone

Concen: 2.609 ng

RT: 7.54 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF108984.D

Acq: 14 Sep 2018 9:36

Instrument :

BNA\_F

ClientSampleId :

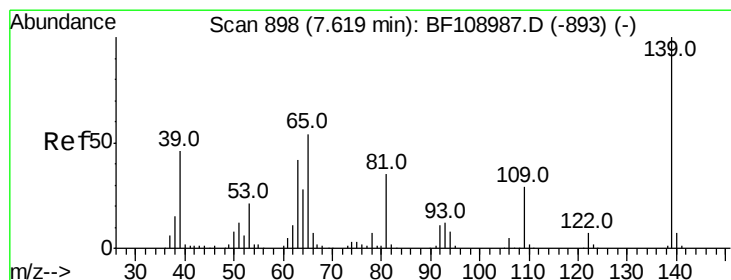
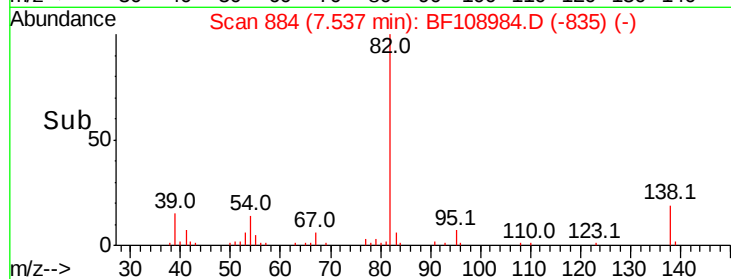
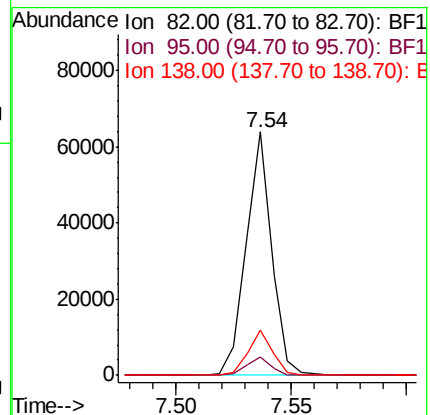
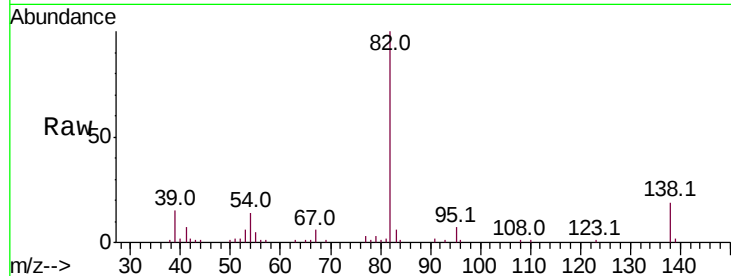
Tot Ion: 82 Resp: 49613

Ion Ratio Lower Upper

82 100

95 7.4 5.2 7.8

138 18.6 14.9 22.3



#26

2-Nitrophenol

Concen: 3.160 ng

RT: 7.61 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF108984.D

Acq: 14 Sep 2018 9:36

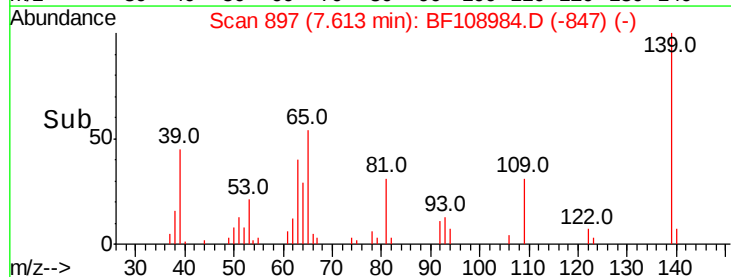
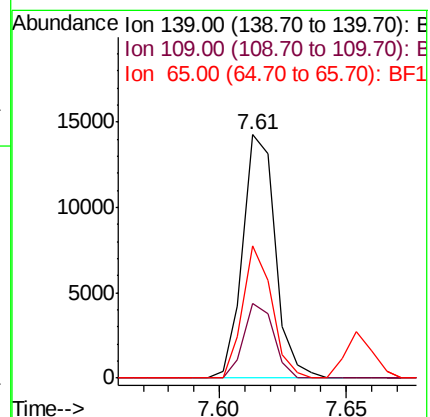
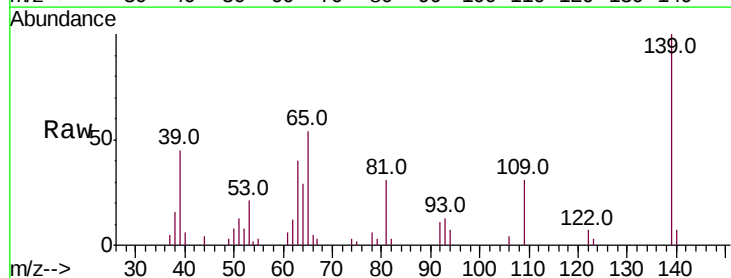
Tgt Ion: 139 Resp: 12734

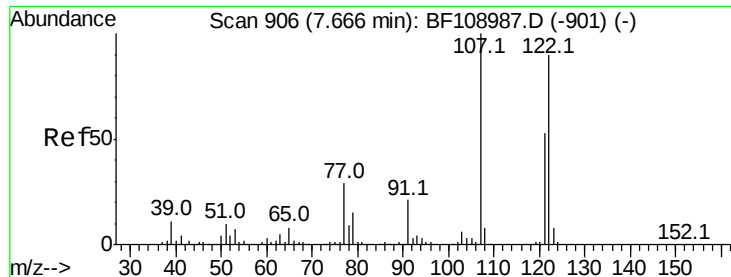
Ion Ratio Lower Upper

139 100

109 30.6 22.7 34.1

65 54.1 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 2.643 ng

RT: 7.65 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF108984.D

Acq: 14 Sep 2018 9:36

Instrument :

BNA\_F

ClientSampleId :

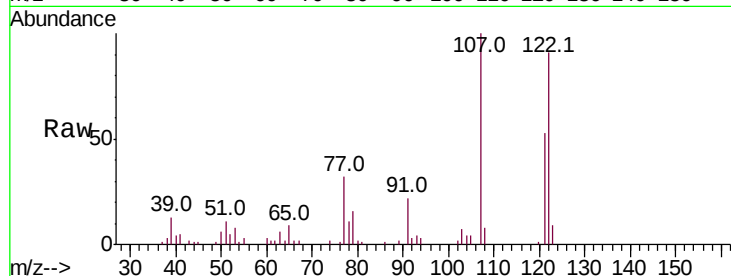
Tot Ion:122 Resp: 21626

Ion Ratio Lower Upper

122 100

107 109.8 91.2 136.8

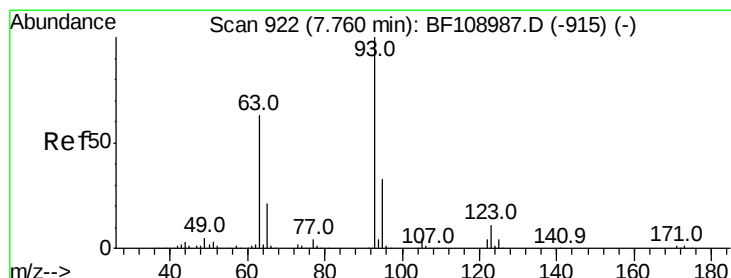
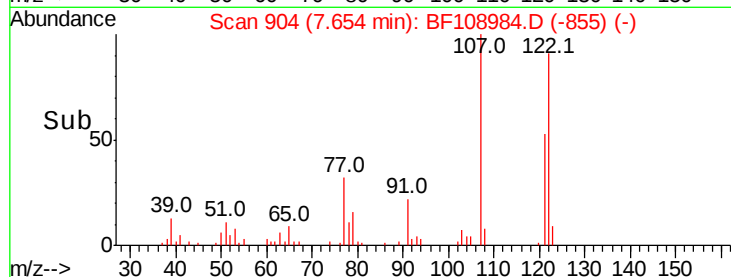
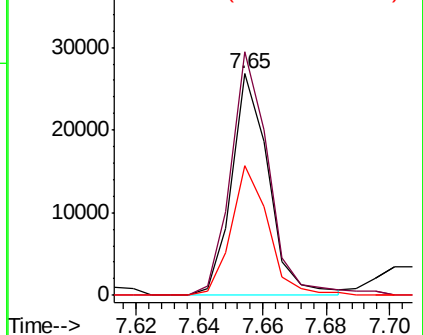
121 58.5 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 2.679 ng

RT: 7.75 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF108984.D

Acq: 14 Sep 2018 9:36

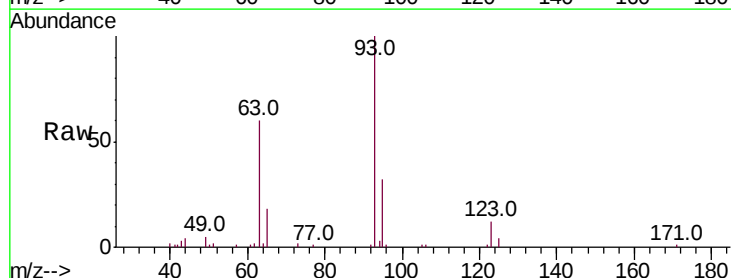
Tgt Ion: 93 Resp: 34065

Ion Ratio Lower Upper

93 100

95 31.7 26.3 39.5

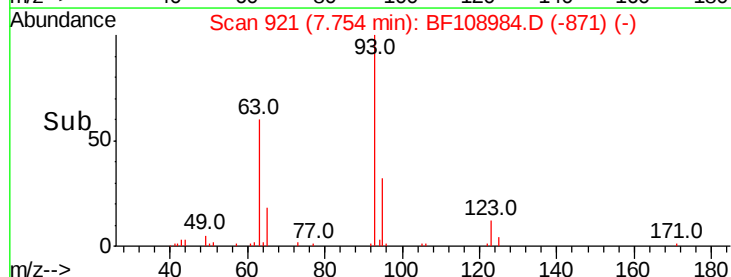
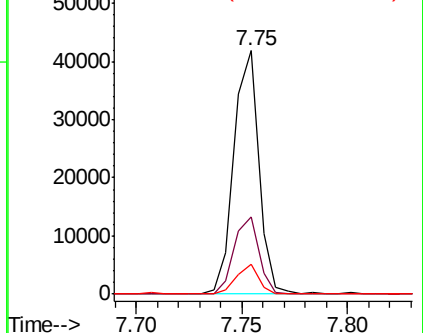
123 12.1 9.8 14.6

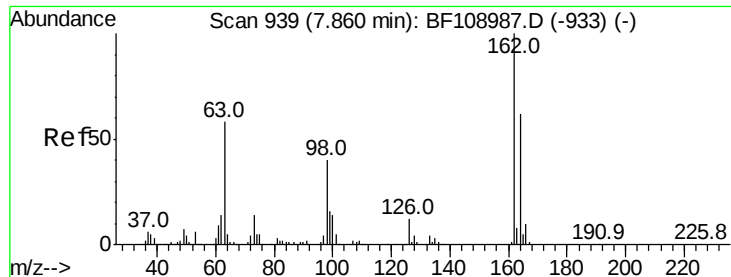


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

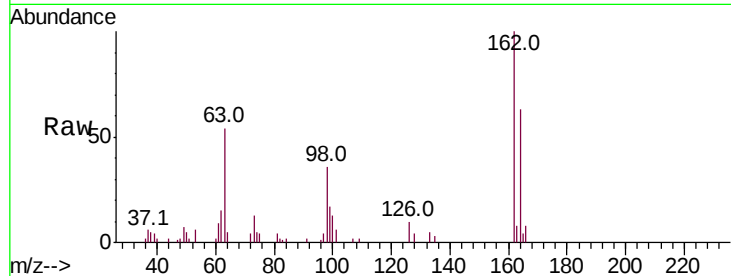




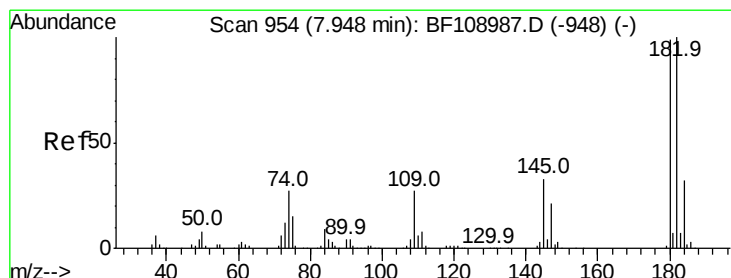
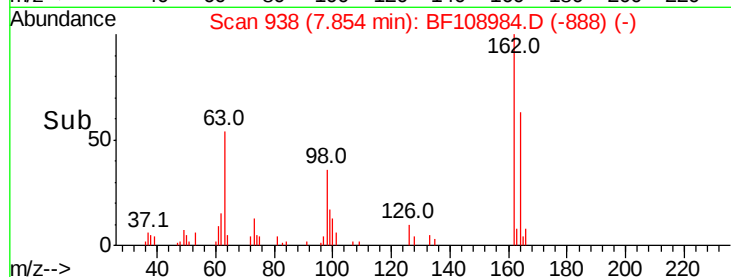
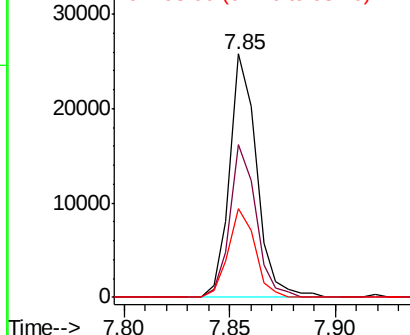
#29  
2,4-Dichlorophenol  
Concen: 2.697 ng  
RT: 7.85 min Scan# 938  
Delta R.T. -0.01 min  
Lab File: BF108984.D  
Acq: 14 Sep 2018 9:36

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:162 Resp: 22756  
Ion Ratio Lower Upper  
162 100  
164 62.6 42.7 82.7  
98 36.4 18.1 58.1

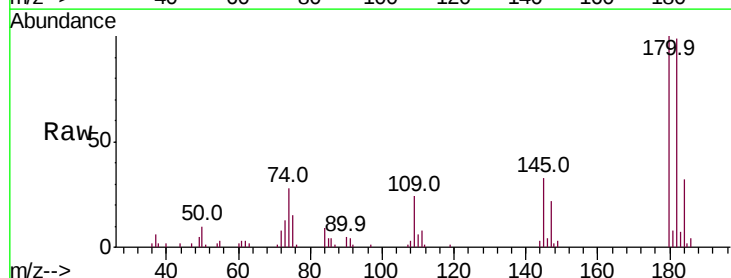


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF1

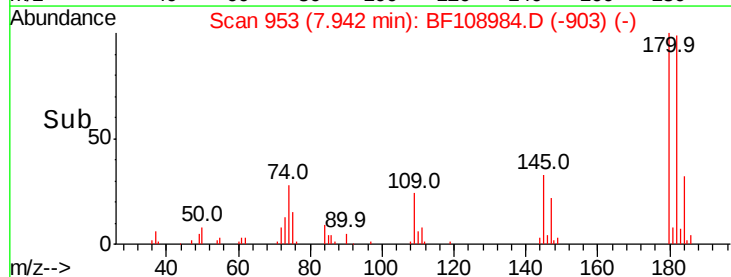
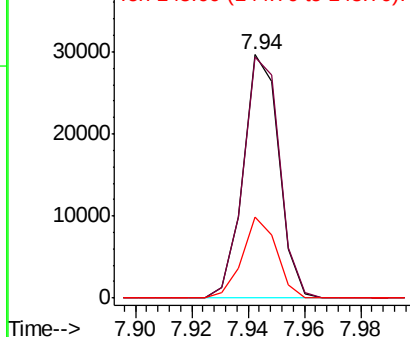


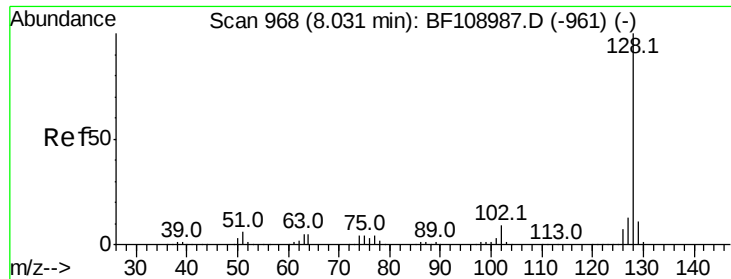
#30  
1,2,4-Trichlorobenzene  
Concen: 2.848 ng  
RT: 7.94 min Scan# 953  
Delta R.T. -0.01 min  
Lab File: BF108984.D  
Acq: 14 Sep 2018 9:36

Tgt Ion:180 Resp: 26044  
Ion Ratio Lower Upper  
180 100  
182 98.9 76.8 115.2  
145 33.5 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

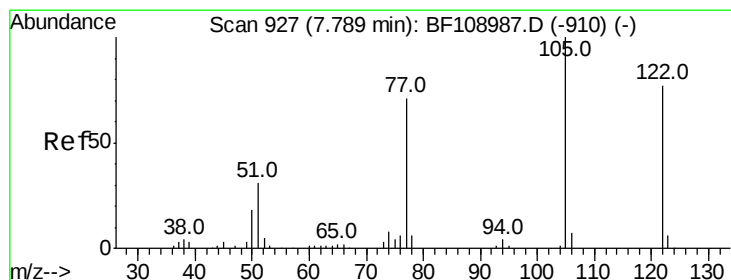
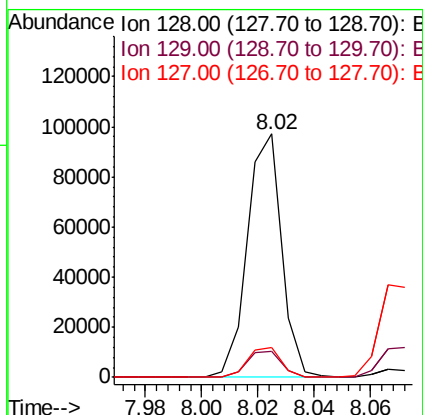
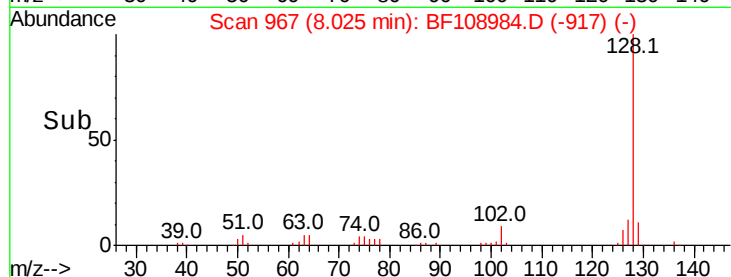
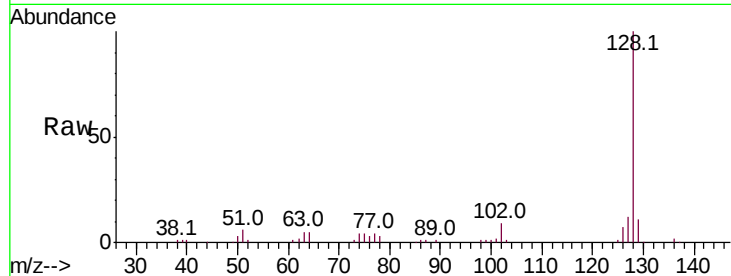




#31  
Naphthalene  
Concen: 3.046 ng  
RT: 8.02 min Scan# 967  
Delta R.T. -0.01 min  
Lab File: BF108984.D  
Acq: 14 Sep 2018 9:36

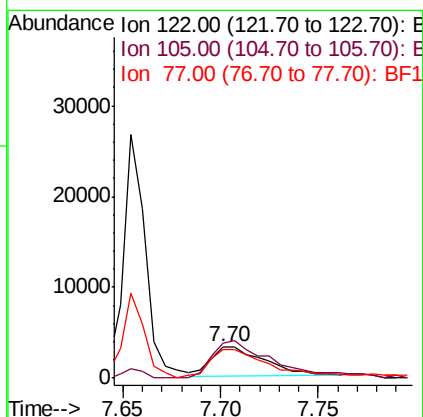
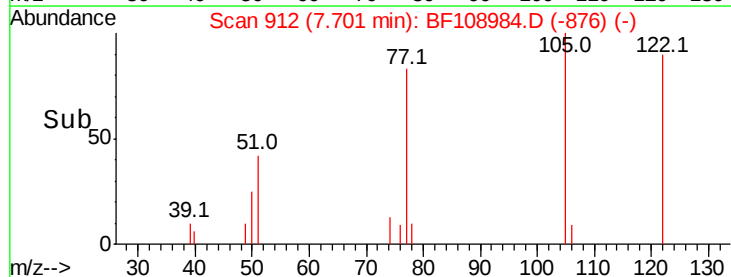
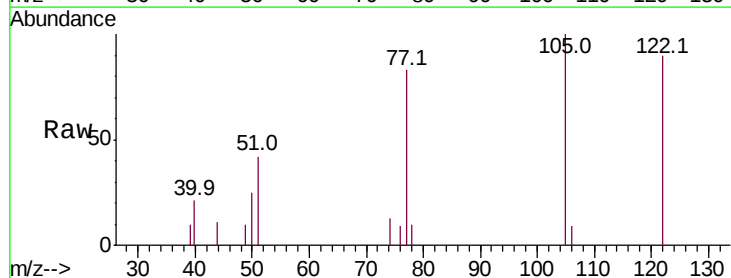
Instrument :  
BNA\_F  
ClientSampleId :

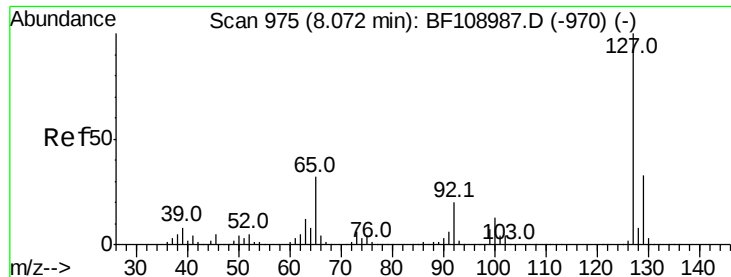
Tot Ion:128 Resp: 81764  
Ion Ratio Lower Upper  
128 100  
129 10.6 8.8 13.2  
127 12.3 10.9 16.3



#32  
Benzoic acid  
Concen: 1.230 ng  
RT: 7.70 min Scan# 912  
Delta R.T. -0.09 min  
Lab File: BF108984.D  
Acq: 14 Sep 2018 9:36

Tgt Ion:122 Resp: 6162  
Ion Ratio Lower Upper  
122 100  
105 110.5 101.1 141.1  
77 92.0 70.7 110.7

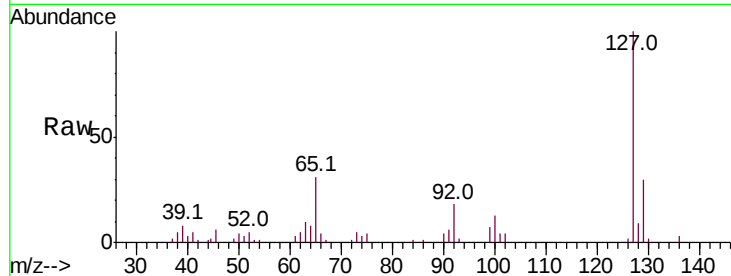




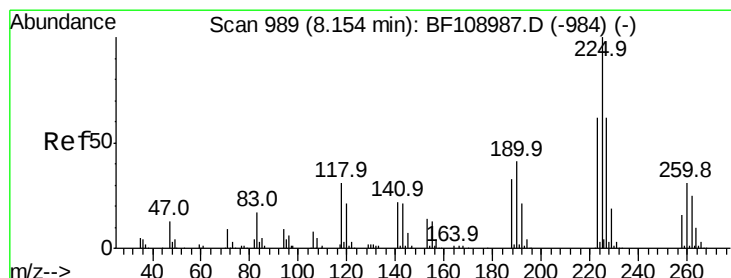
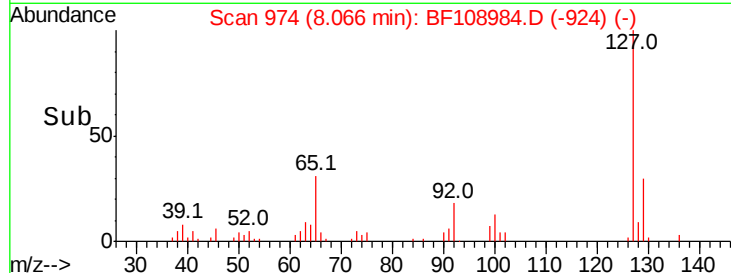
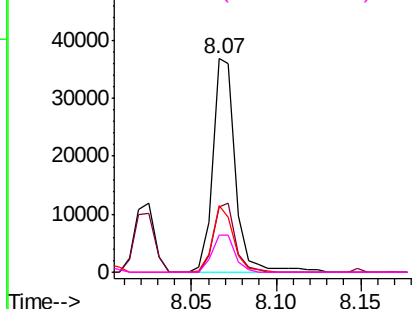
#33  
4-Chloroaniline  
Concen: 2.836 ng  
RT: 8.07 min Scan# 974  
Delta R.T. -0.01 min  
Lab File: BF108984.D  
Acq: 14 Sep 2018 9:36

Instrument :  
BNA\_F  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 34962 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 30.4  | 25.9  | 38.9  |
| 65       | 31.3  | 25.0  | 37.4  |
| 92       | 17.6  | 15.2  | 22.8  |

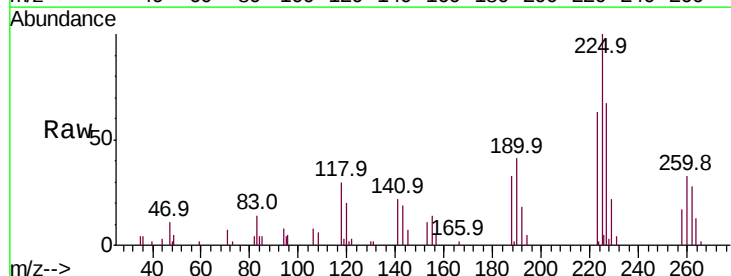


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

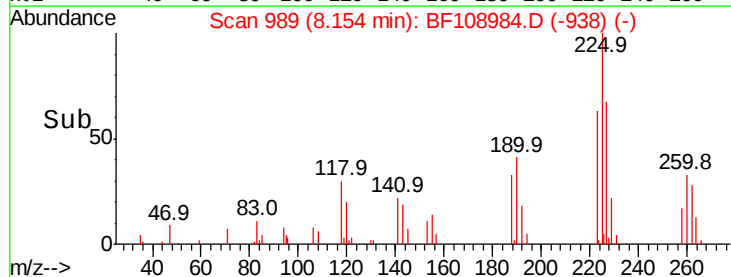
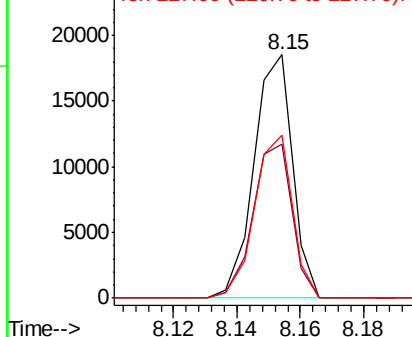


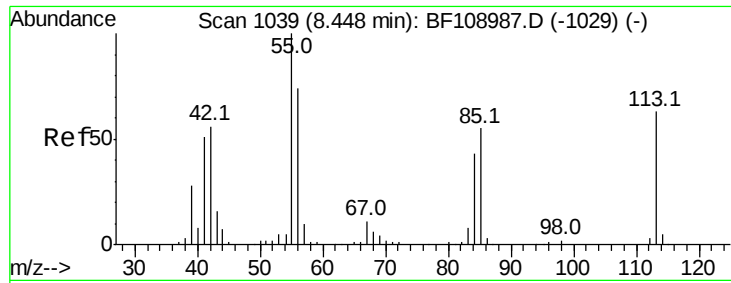
#34  
Hexachlorobutadiene  
Concen: 2.870 ng  
RT: 8.15 min Scan# 989  
Delta R.T. 0.00 min  
Lab File: BF108984.D  
Acq: 14 Sep 2018 9:36

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 15678 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 63.1  | 50.6  | 76.0  |
| 227      | 67.0  | 51.9  | 77.9  |



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

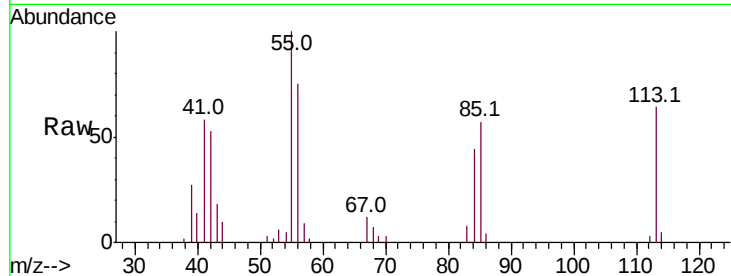




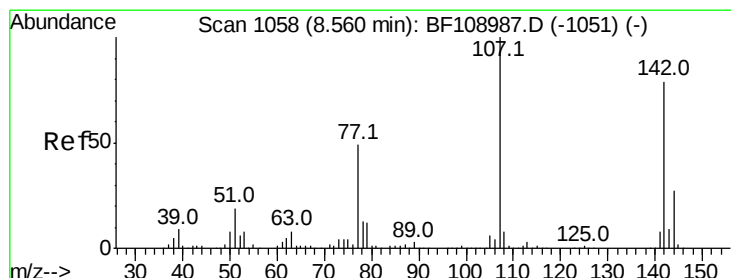
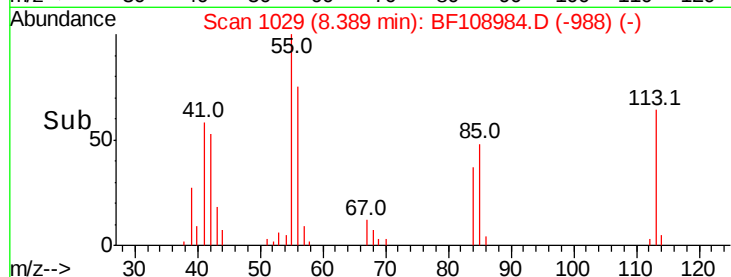
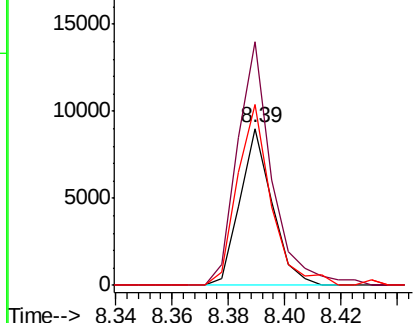
#35  
 Caprolactam  
 Concen: 2.513 ng  
 RT: 8.39 min Scan# 1029  
 Delta R.T. -0.06 min  
 Lab File: BF108984.D  
 Acq: 14 Sep 2018 9:36

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:113 Resp: 7186  
 Ion Ratio Lower Upper  
 113 100  
 55 155.3 163.3 203.3#  
 56 115.7 115.7 155.7#

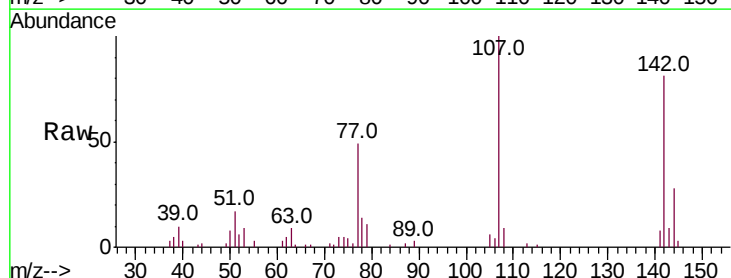


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF1  
 Ion 56.00 (55.70 to 56.70): BF1

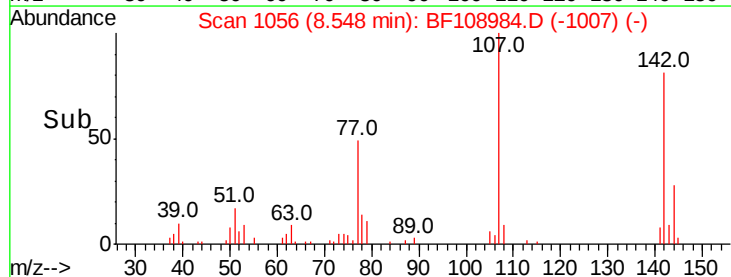
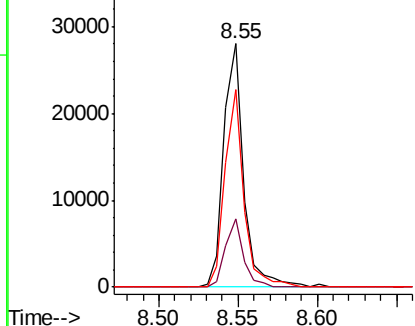


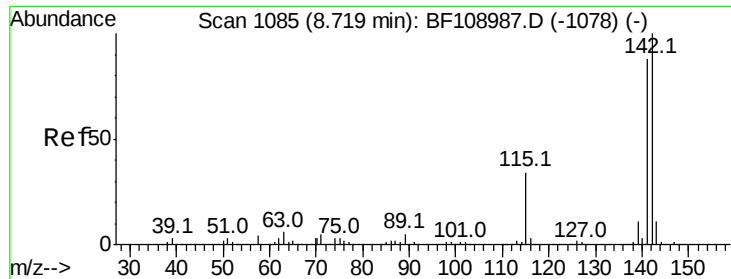
#36  
 4-Chloro-3-methylphenol  
 Concen: 2.726 ng  
 RT: 8.55 min Scan# 1056  
 Delta R.T. -0.01 min  
 Lab File: BF108984.D  
 Acq: 14 Sep 2018 9:36

Tgt Ion:107 Resp: 24503  
 Ion Ratio Lower Upper  
 107 100  
 144 28.2 20.5 30.7  
 142 80.9 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

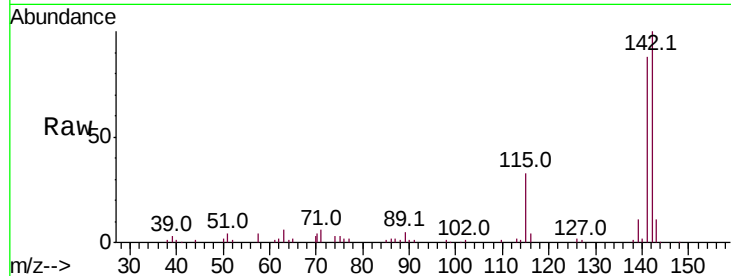




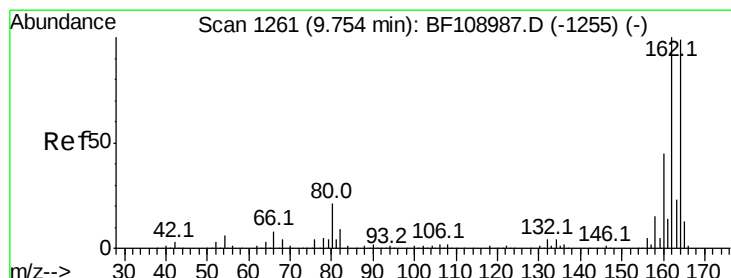
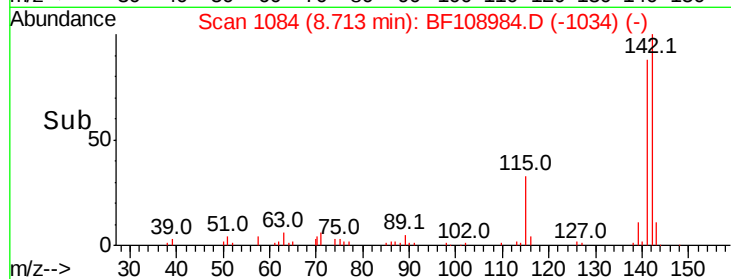
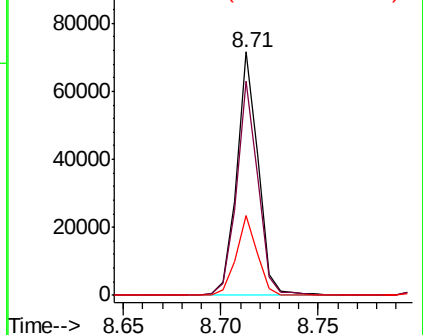
#37  
 2-Methylnaphthalene  
 Concen: 3.063 ng  
 RT: 8.71 min Scan# 1084  
 Delta R.T. -0.01 min  
 Lab File: BF108984.D  
 Acq: 14 Sep 2018 9:36

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:142 Resp: 54318  
 Ion Ratio Lower Upper  
 142 100  
 141 88.2 70.8 106.2  
 115 32.5 26.1 39.1

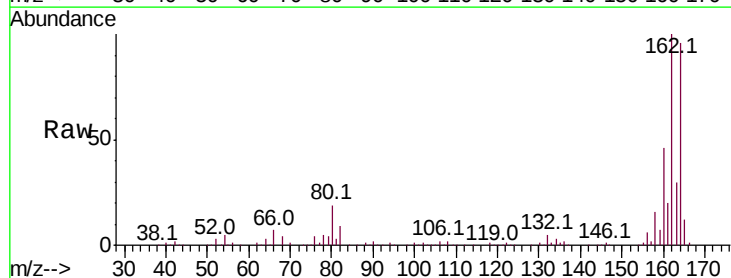


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

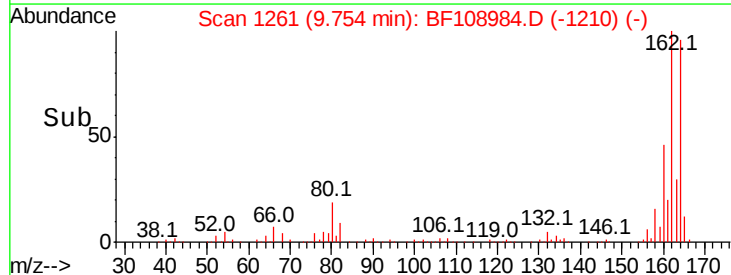
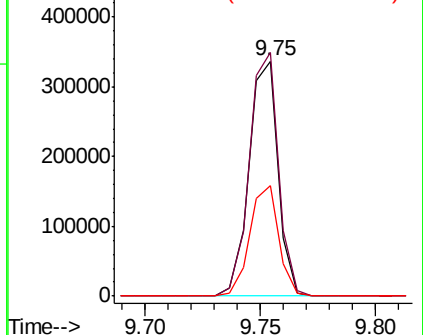


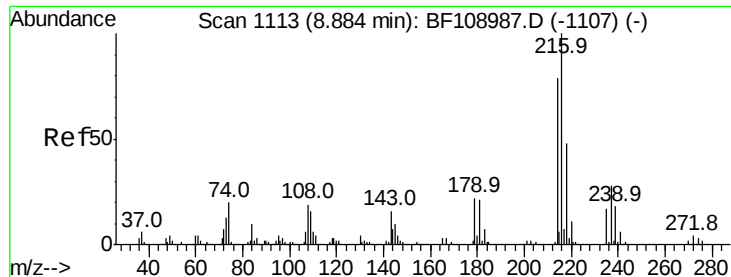
#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.75 min Scan# 1261  
 Delta R.T. 0.00 min  
 Lab File: BF108984.D  
 Acq: 14 Sep 2018 9:36

Tgt Ion:164 Resp: 296770  
 Ion Ratio Lower Upper  
 164 100  
 162 103.6 86.1 129.1  
 160 47.2 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

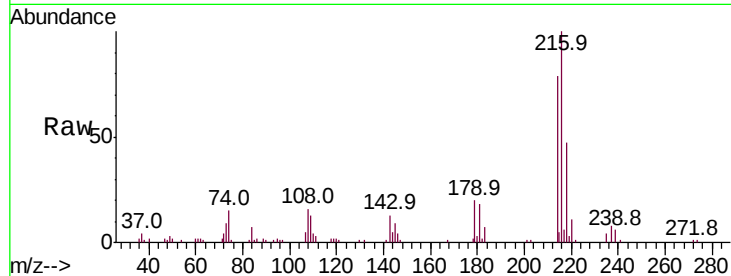




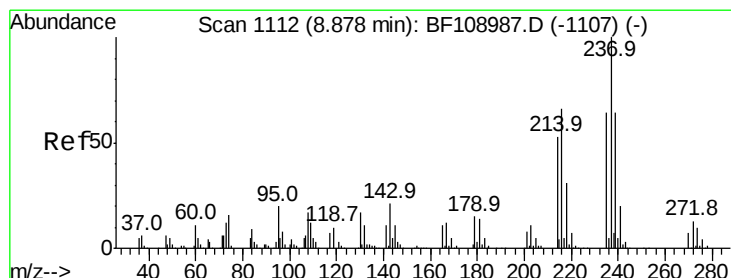
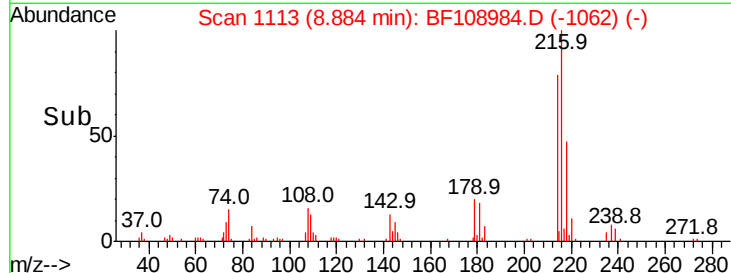
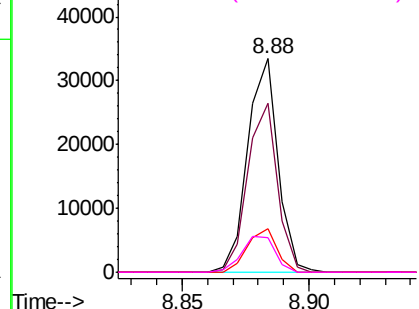
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 3.141 ng  
 RT: 8.88 min Scan# 1113  
 Delta R.T. 0.00 min  
 Lab File: BF108984.D  
 Acq: 14 Sep 2018 9:36

Instrument :  
 BNA\_F  
 ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 216   | Resp: | 27867 |
| Ion Ratio | Lower | Upper |       |
| 216       | 100   |       |       |
| 214       | 77.6  | 63.0  | 94.4  |
| 179       | 19.8  | 18.1  | 27.1  |
| 108       | 18.4  | 17.2  | 25.8  |

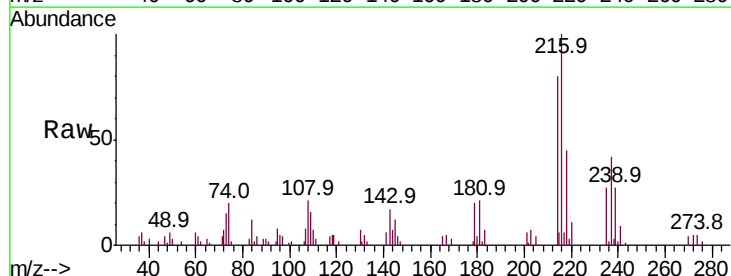


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

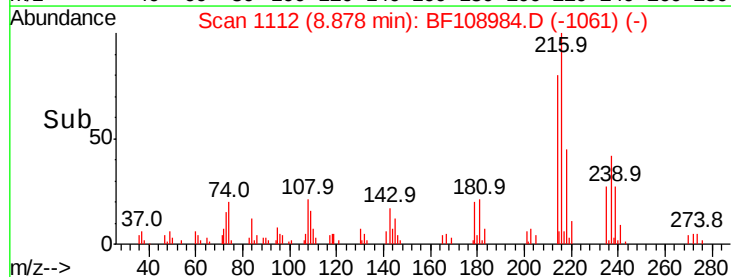
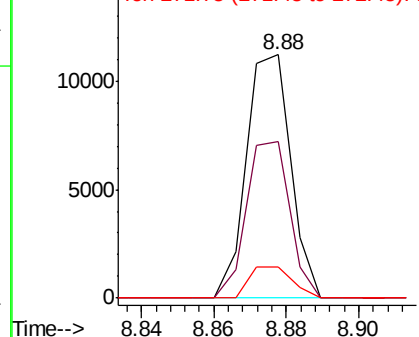


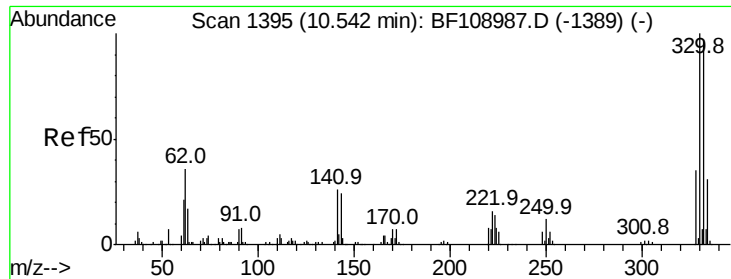
#40  
 Hexachlorocyclopentadiene  
 Concen: 2.132 ng  
 RT: 8.88 min Scan# 1112  
 Delta R.T. 0.00 min  
 Lab File: BF108984.D  
 Acq: 14 Sep 2018 9:36

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 237   | Resp: | 9514 |
| Ion Ratio | Lower | Upper |      |
| 237       | 100   |       |      |
| 235       | 64.3  | 44.8  | 84.8 |
| 272       | 12.8  | 0.0   | 33.3 |



Abundance Ion 236.80 (236.50 to 237.50): E  
 Ion 234.90 (234.60 to 235.60): E  
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 6.090 ng

RT: 10.53 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF108984.D

Acq: 14 Sep 2018 9:36

Instrument :

BNA\_F

ClientSampleId :

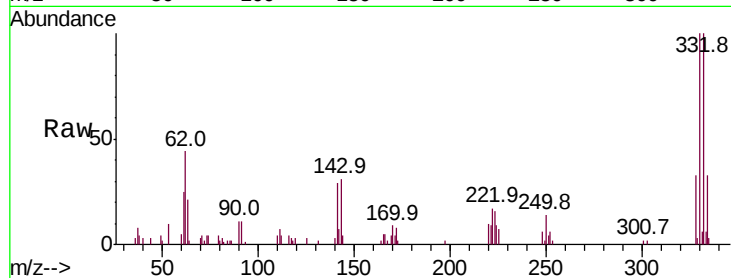
Tot Ion:330 Resp: 17253

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

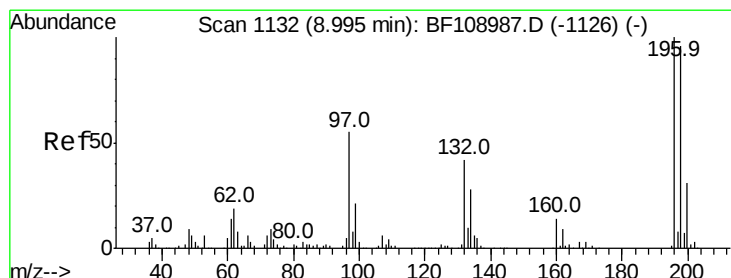
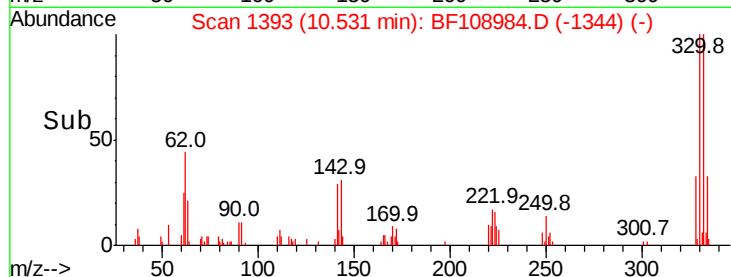
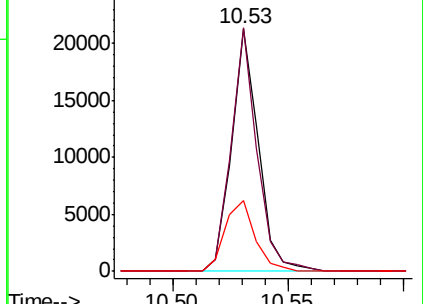
141 32.4 29.9 44.9



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 2.761 ng

RT: 8.99 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BF108984.D

Acq: 14 Sep 2018 9:36

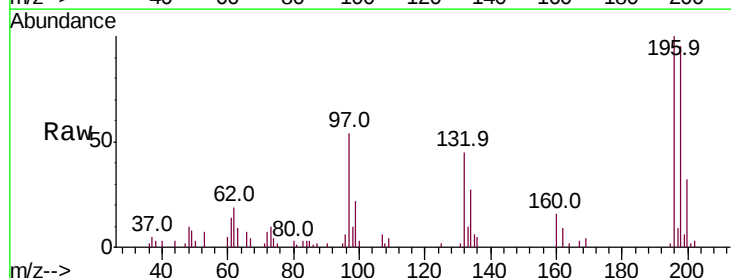
Tgt Ion:196 Resp: 16686

Ion Ratio Lower Upper

196 100

198 95.4 75.7 113.5

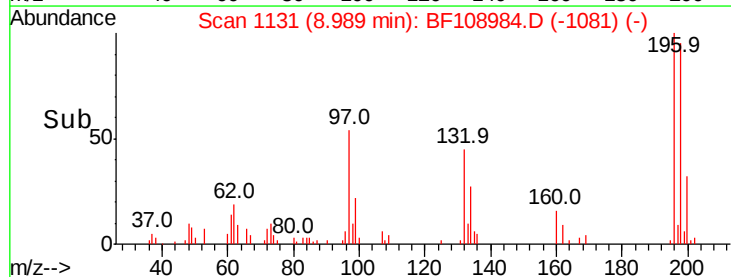
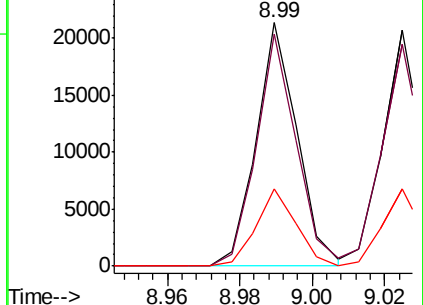
200 31.8 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

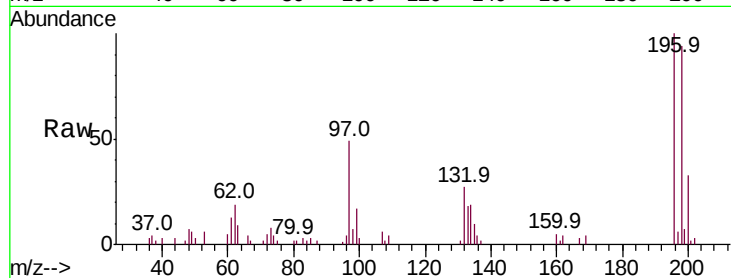




#43  
 2,4,5-Trichlorophenol  
 Concen: 2.760 ng  
 RT: 9.02 min Scan# 1137  
 Delta R.T. -0.01 min  
 Lab File: BF108984.D  
 Acq: 14 Sep 2018 9:36

Instrument :  
 BNA\_F  
 ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 196   | Resp: | 17288 |
| Ion      | Ratio | Lower | Upper |
| 196      | 100   |       |       |
| 198      | 94.1  | 74.6  | 112.0 |
| 97       | 48.5  | 42.9  | 64.3  |
| 132      | 26.8  | 26.3  | 39.5  |



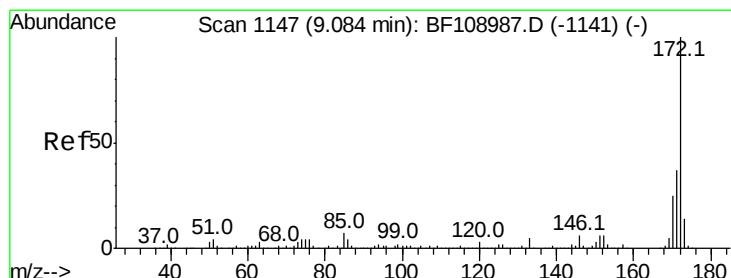
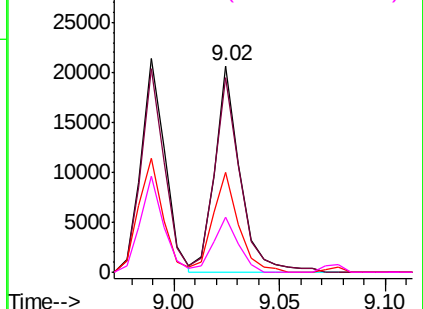
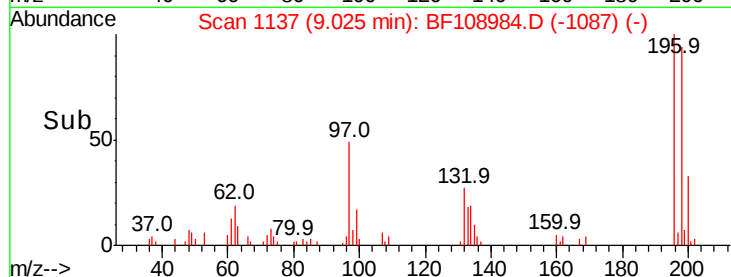
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

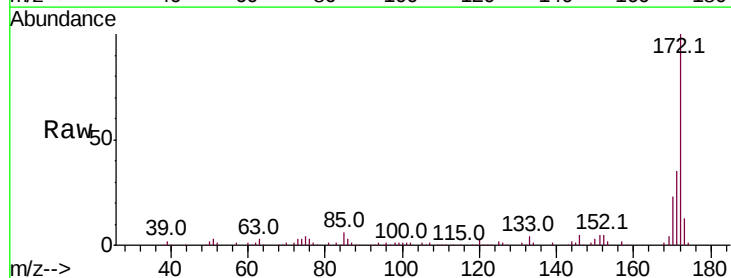
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 7.451 ng  
 RT: 9.08 min Scan# 1146  
 Delta R.T. -0.01 min  
 Lab File: BF108984.D  
 Acq: 14 Sep 2018 9:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 172   | Resp: | 129610 |
| Ion      | Ratio | Lower | Upper  |
| 172      | 100   |       |        |
| 171      | 34.5  | 29.7  | 44.5   |
| 170      | 22.9  | 19.6  | 29.4   |

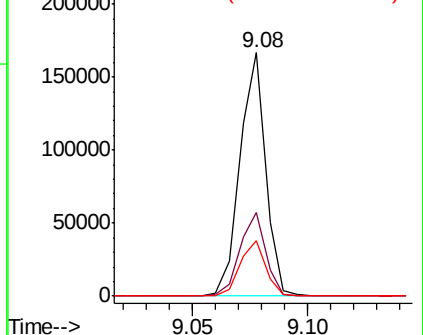
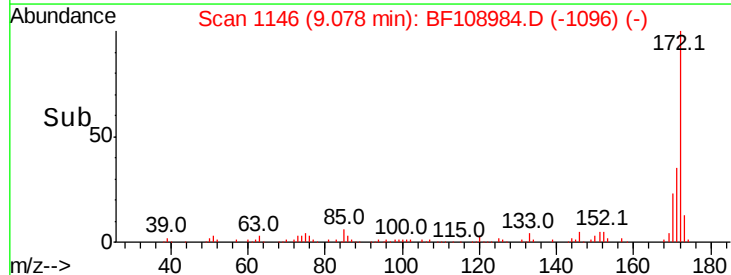


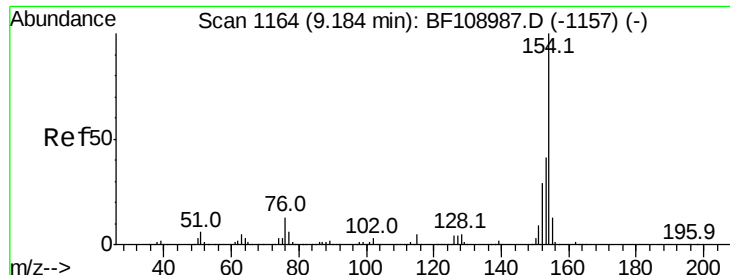
Abundance

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: 3.095 ng

RT: 9.18 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF108984.D

Acq: 14 Sep 2018 9:36

Instrument :

BNA\_F

ClientSampled :

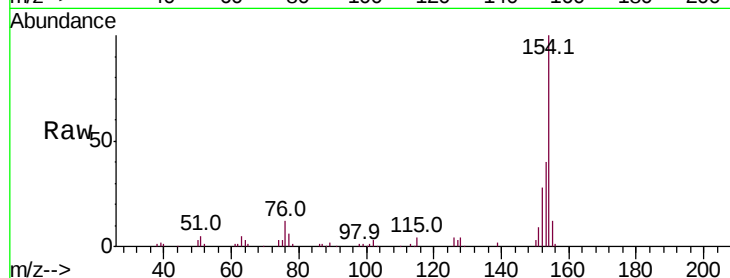
Tot Ion:154 Resp: 70709

Ion Ratio Lower Upper

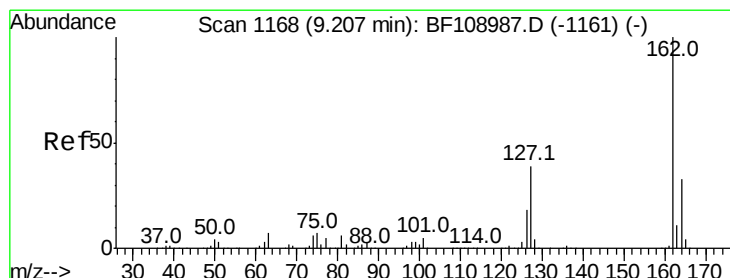
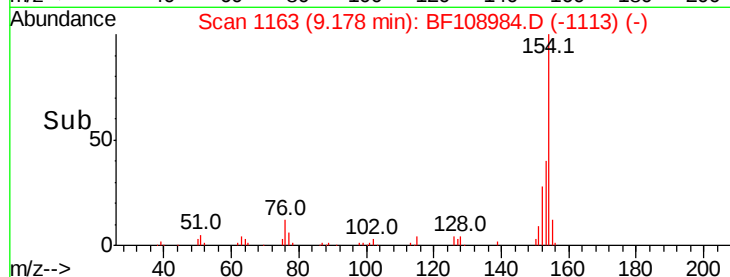
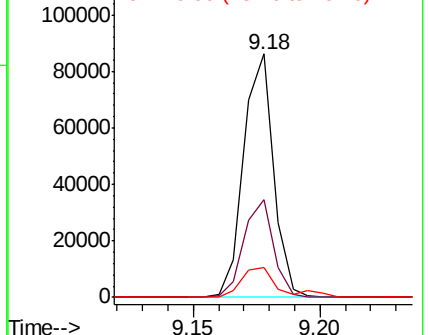
154 100

153 39.9 21.3 61.3

76 12.3 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: 3.013 ng

RT: 9.20 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF108984.D

Acq: 14 Sep 2018 9:36

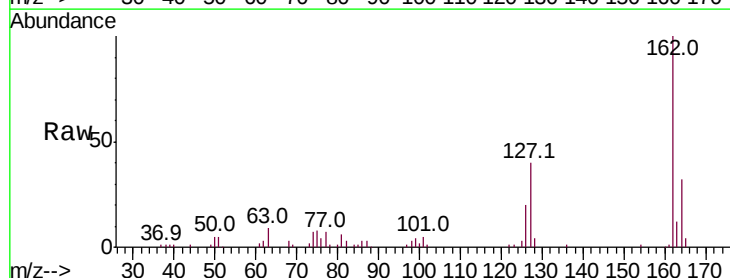
Tgt Ion:162 Resp: 55673

Ion Ratio Lower Upper

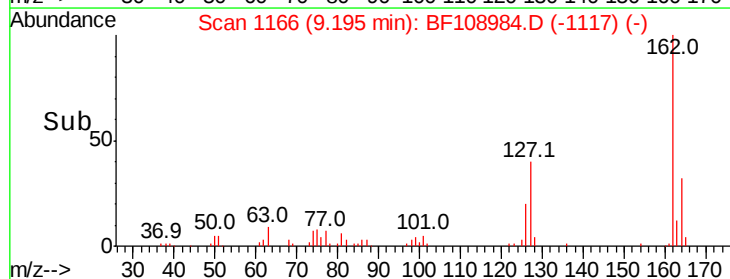
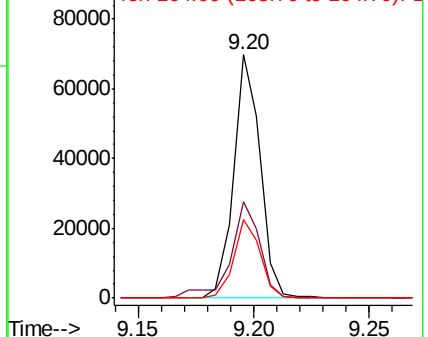
162 100

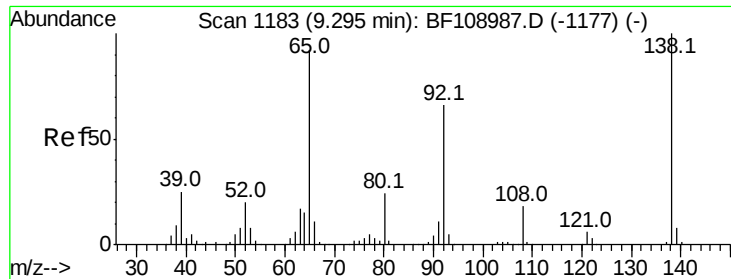
127 39.7 33.9 50.9

164 32.3 26.5 39.7



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

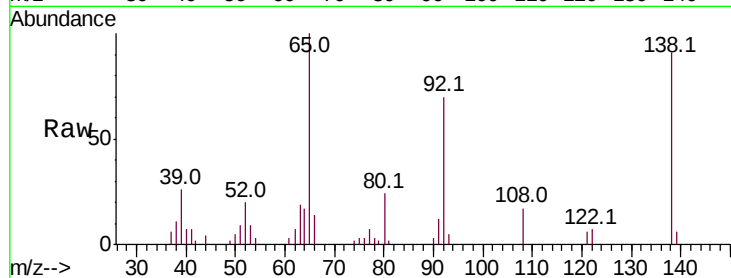




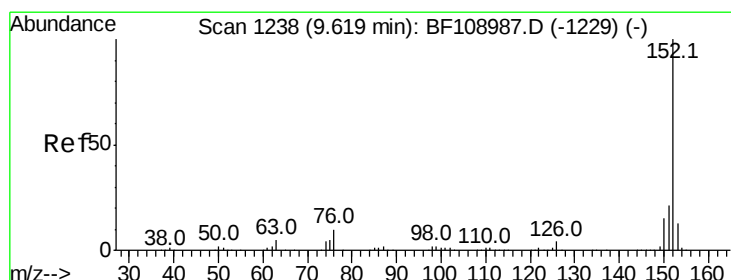
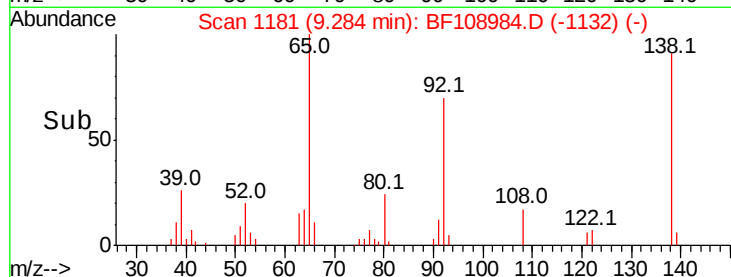
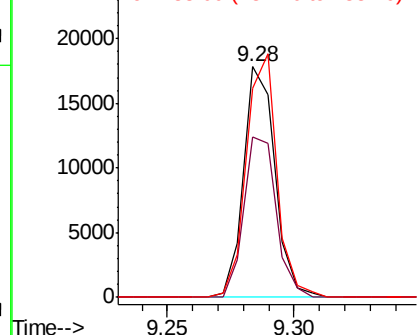
#47  
2-Nitroaniline  
Concen: 3.026 ng  
RT: 9.28 min Scan# 1181  
Delta R.T. -0.01 min  
Lab File: BF108984.D  
Acq: 14 Sep 2018 9:36

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion: 65 Resp: 15277  
Ion Ratio Lower Upper  
65 100  
92 69.7 55.8 83.6  
138 90.9 91.2 136.8#

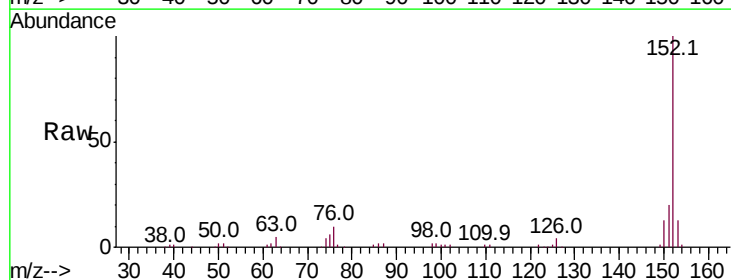


Abundance Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1  
Ion 138.00 (137.70 to 138.70): BF1

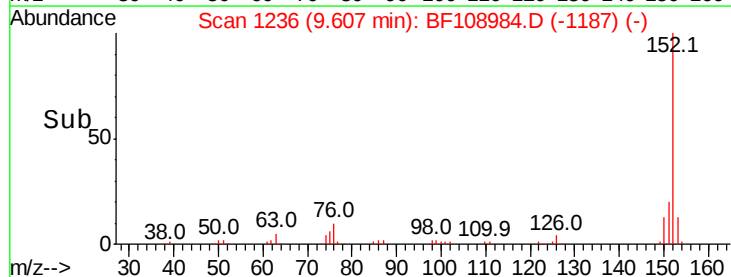
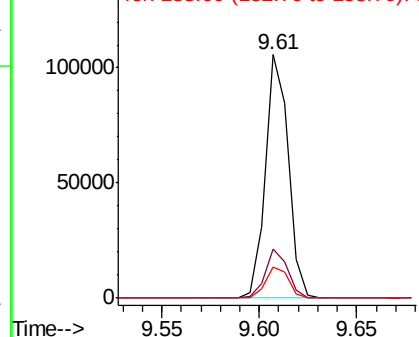


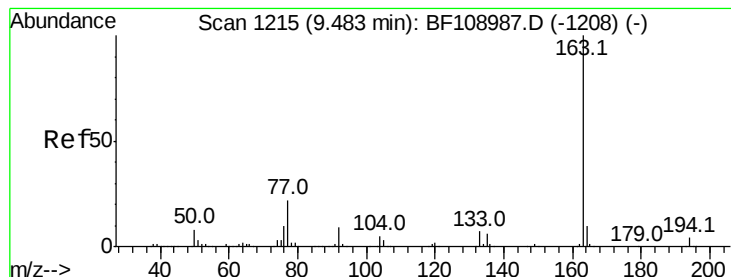
#48  
Acenaphthylene  
Concen: 3.109 ng  
RT: 9.61 min Scan# 1236  
Delta R.T. -0.01 min  
Lab File: BF108984.D  
Acq: 14 Sep 2018 9:36

Tgt Ion: 152 Resp: 85632  
Ion Ratio Lower Upper  
152 100  
151 19.9 16.3 24.5  
153 12.7 10.7 16.1



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





#49

Dimethylphthalate

Concen: 2.894 ng

RT: 9.47 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF108984.D

Acq: 14 Sep 2018 9:36

Instrument :

BNA\_F

ClientSampled :

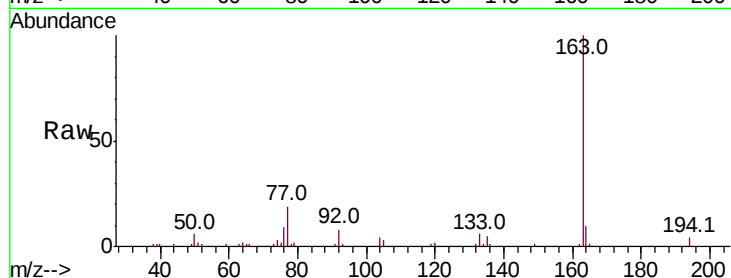
Tot Ion:163 Resp: 60079

Ion Ratio Lower Upper

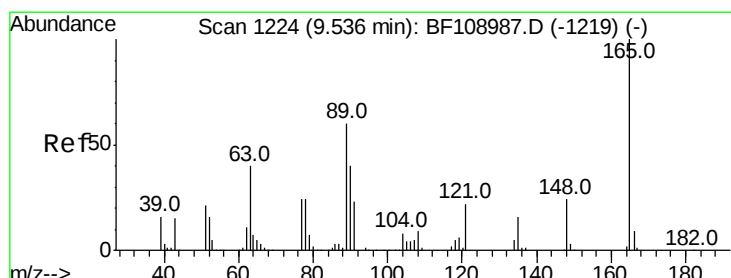
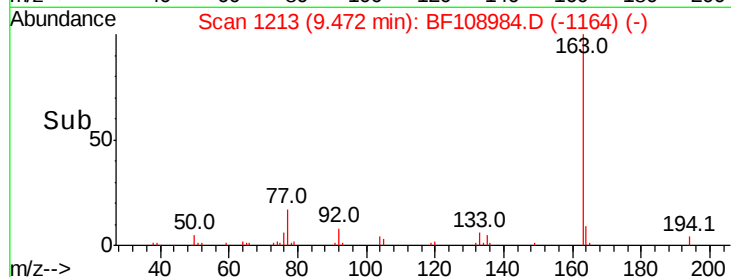
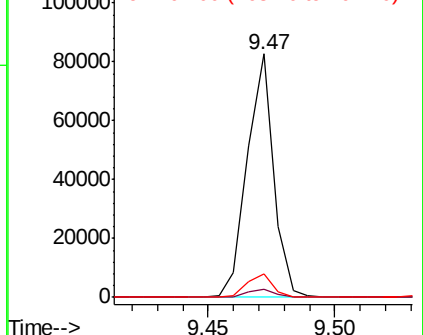
163 100

194 3.5 2.7 4.1

164 9.6 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 2.938 ng

RT: 9.52 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF108984.D

Acq: 14 Sep 2018 9:36

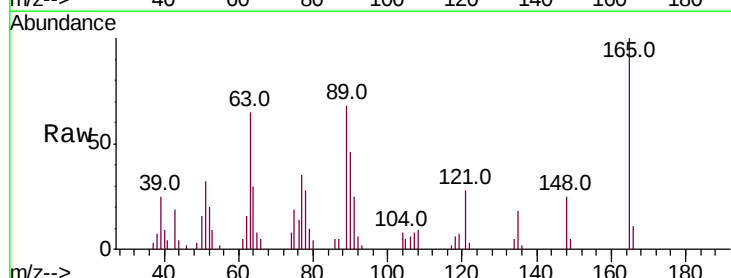
Tgt Ion:165 Resp: 11622

Ion Ratio Lower Upper

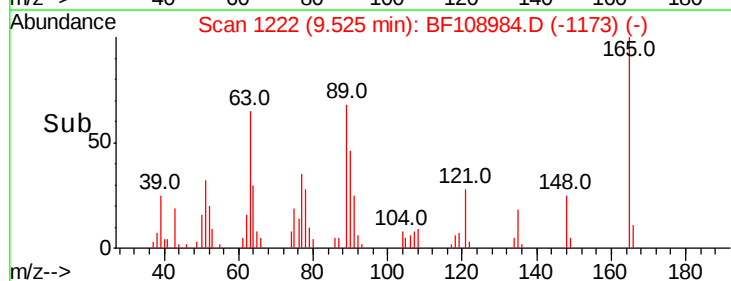
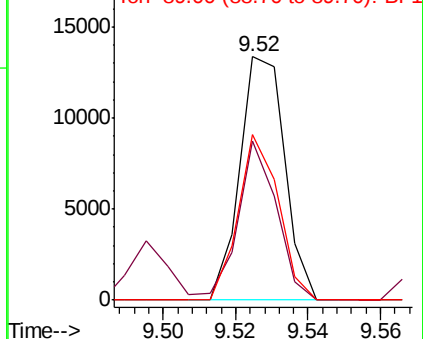
165 100

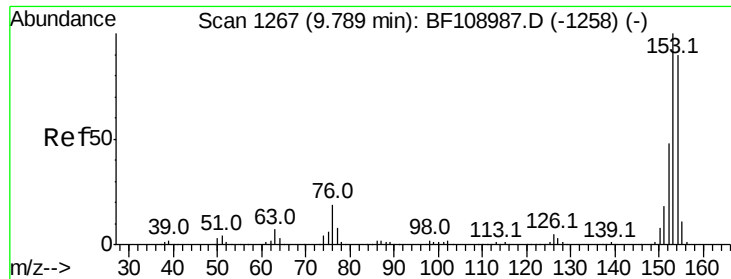
63 65.3 44.7 67.1

89 68.2 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: 3.013 ng

RT: 9.78 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BF108984.D

Acq: 14 Sep 2018 9:36

Instrument :

BNA\_F

ClientSampleId :

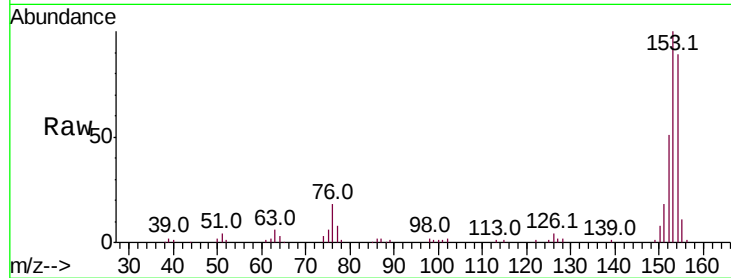
Tot Ion:154 Resp: 51345

Ion Ratio Lower Upper

154 100

153 111.8 91.2 136.8

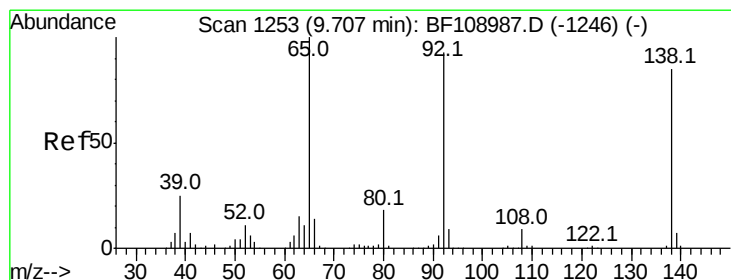
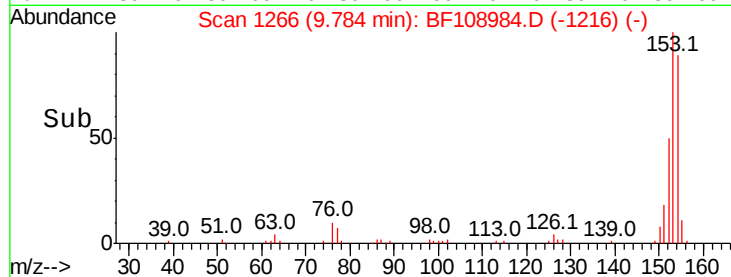
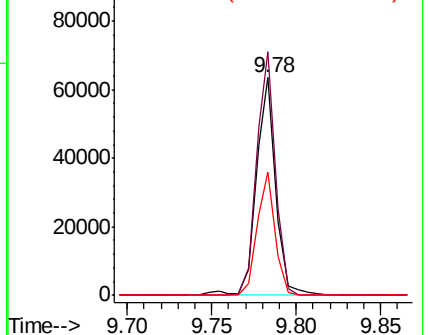
152 56.6 43.8 65.8



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: 3.084 ng

RT: 9.69 min Scan# 1250

Delta R.T. -0.02 min

Lab File: BF108984.D

Acq: 14 Sep 2018 9:36

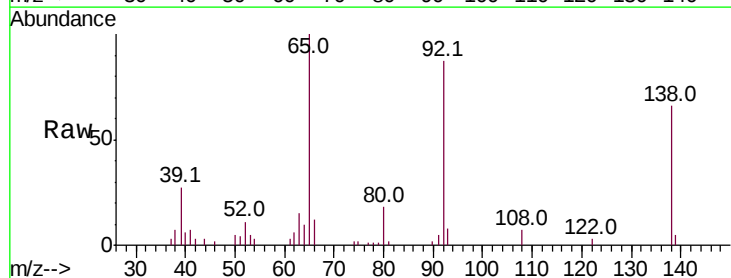
Tgt Ion:138 Resp: 14521

Ion Ratio Lower Upper

138 100

108 11.2 9.4 14.0

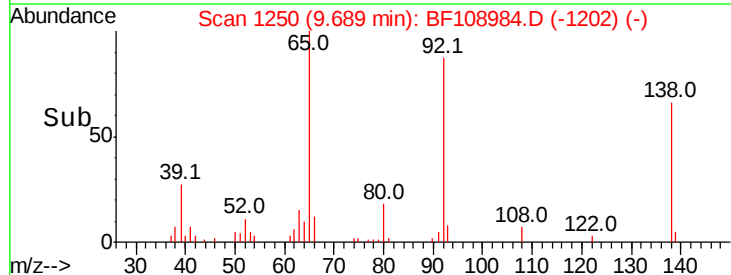
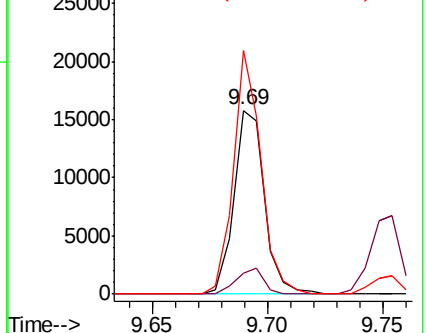
92 132.6 89.4 134.2

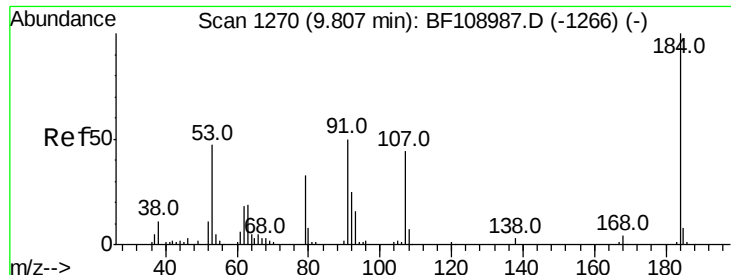


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

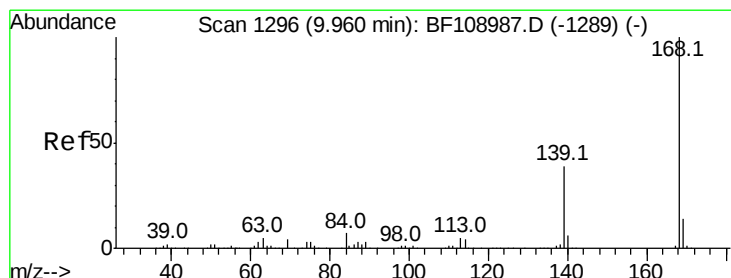
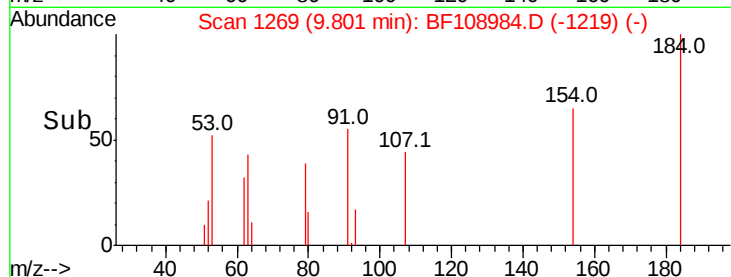
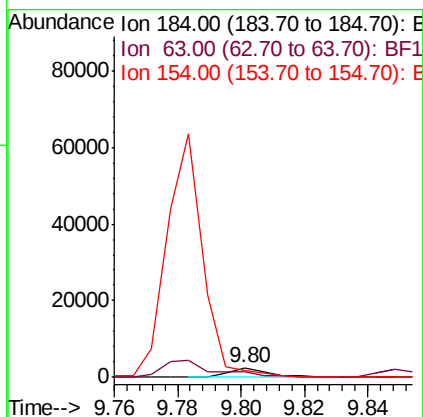
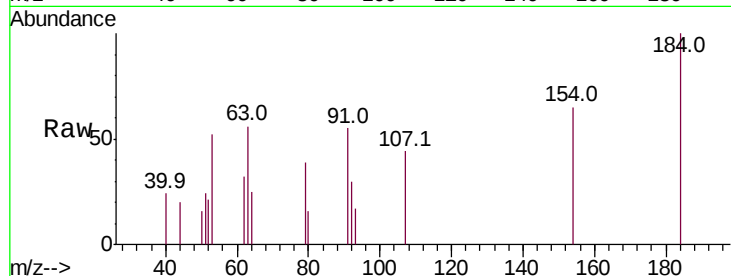




#53  
 2,4-Dinitrophenol  
 Concen: 1.860 ng  
 RT: 9.80 min Scan# 1269  
 Delta R.T. -0.01 min  
 Lab File: BF108984.D  
 Acq: 14 Sep 2018 9:36

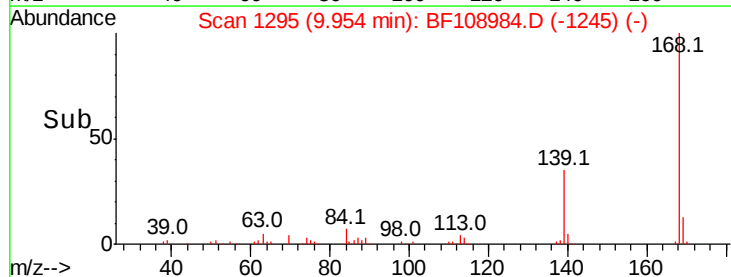
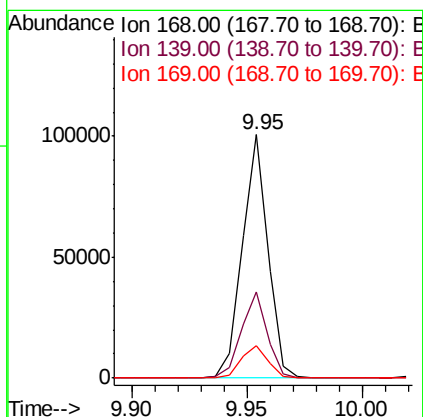
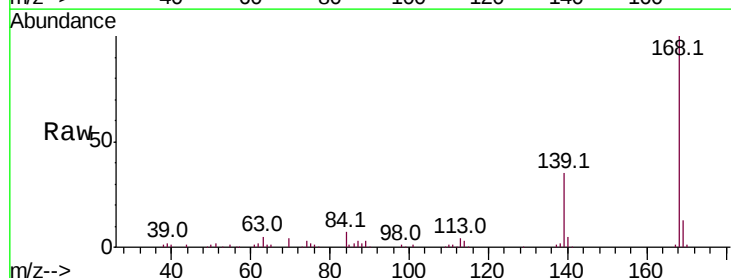
Instrument :  
 BNA\_F  
 ClientSampled :

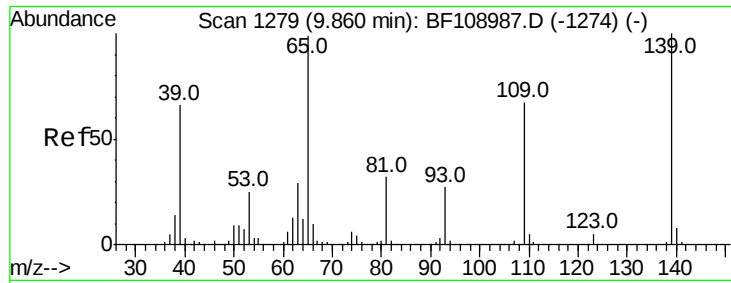
Tot Ion:184 Resp: 2140  
 Ion Ratio Lower Upper  
 184 100  
 63 56.2 54.2 81.2  
 154 64.7 184.0 276.0#



#54  
 Dibenzofuran  
 Concen: 3.130 ng  
 RT: 9.95 min Scan# 1295  
 Delta R.T. -0.01 min  
 Lab File: BF108984.D  
 Acq: 14 Sep 2018 9:36

Tgt Ion:168 Resp: 77756  
 Ion Ratio Lower Upper  
 168 100  
 139 35.3 30.1 45.1  
 169 13.3 10.9 16.3

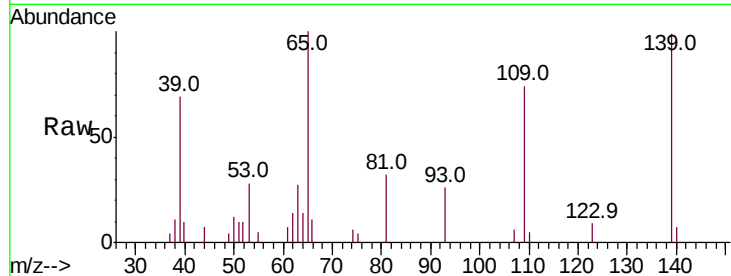




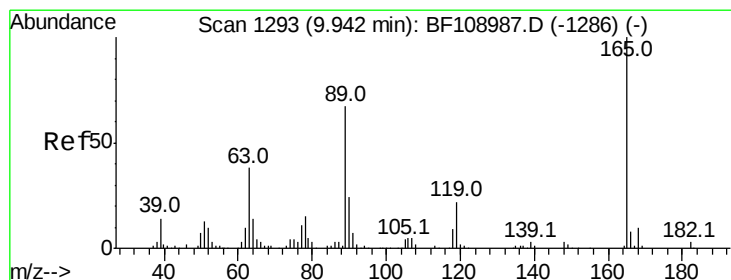
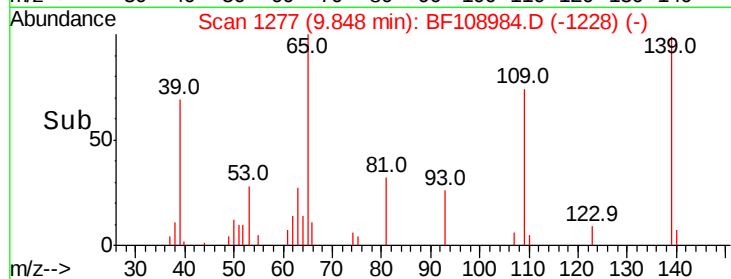
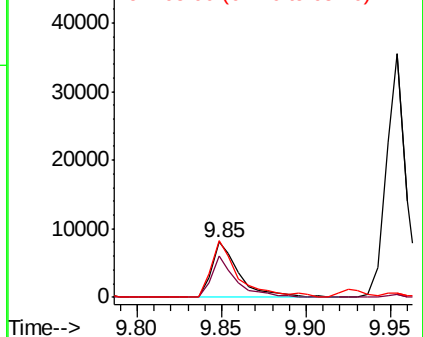
#55  
4-Nitrophenol  
Concen: 2.610 ng  
RT: 9.85 min Scan# 1277  
Delta R.T. -0.01 min  
Lab File: BF108984.D  
Acq: 14 Sep 2018 9:36

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:139 Resp: 9185  
Ion Ratio Lower Upper  
139 100  
109 75.4 48.4 88.4  
65 101.4 72.6 112.6

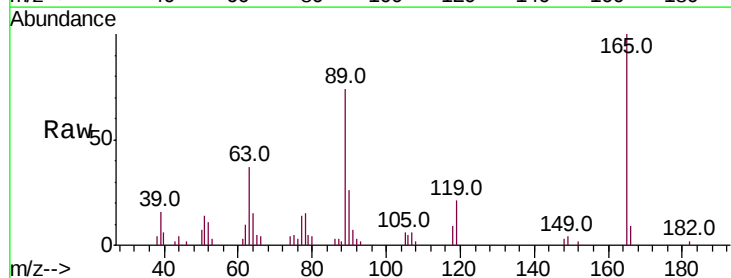


Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF1

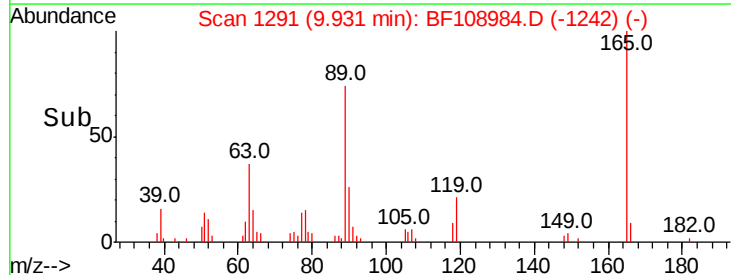
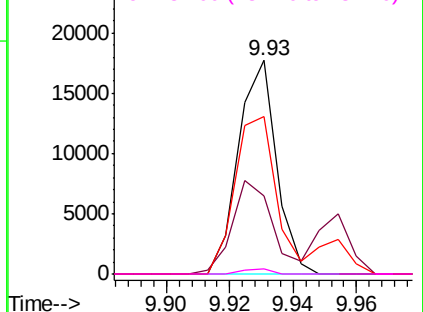


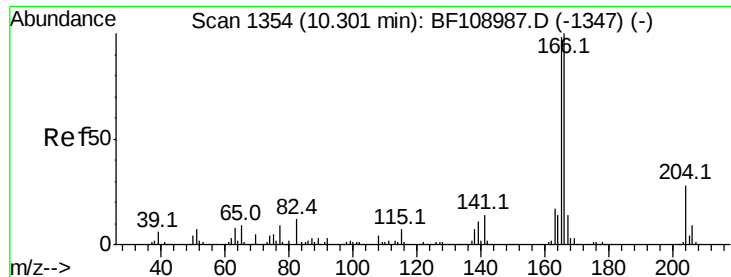
#56  
2,4-Dinitrotoluene  
Concen: 2.898 ng  
RT: 9.93 min Scan# 1291  
Delta R.T. -0.01 min  
Lab File: BF108984.D  
Acq: 14 Sep 2018 9:36

Tgt Ion:165 Resp: 14658  
Ion Ratio Lower Upper  
165 100  
63 36.8 36.4 54.6  
89 74.0 57.8 86.6  
182 2.5 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

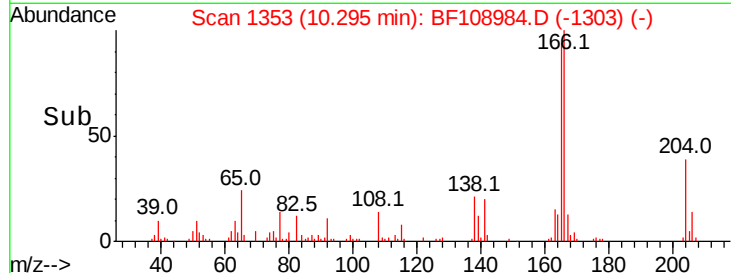
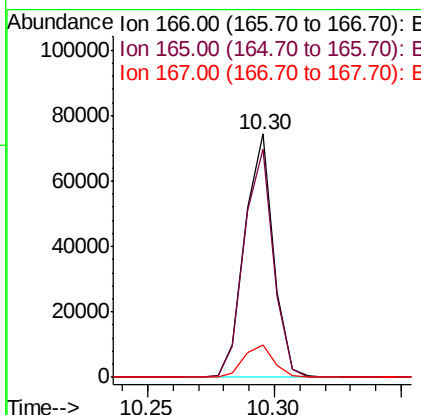
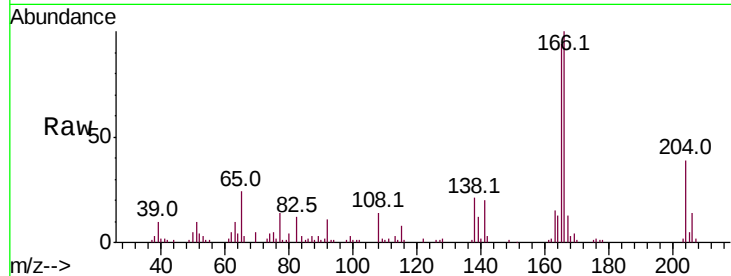




#57  
 Fluorene  
 Concen: 3.676 ng  
 RT: 10.30 min Scan# 1353  
 Delta R.T. -0.01 min  
 Lab File: BF108984.D  
 Acq: 14 Sep 2018 9:36

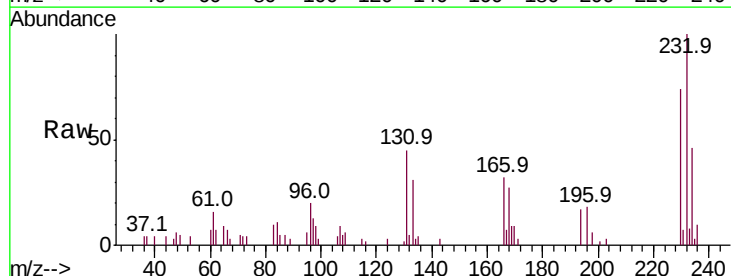
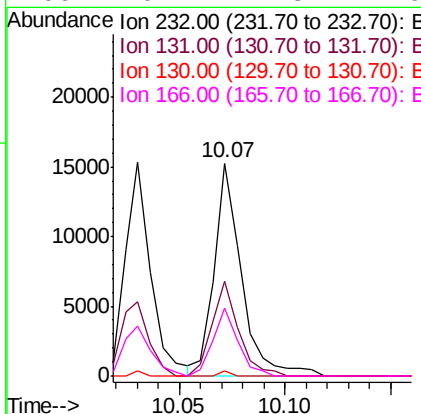
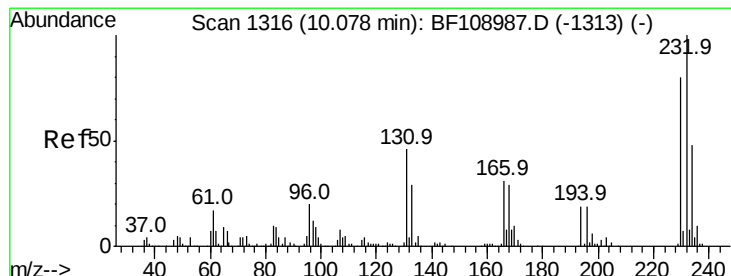
Instrument :  
 BNA\_F  
 ClientSampled :

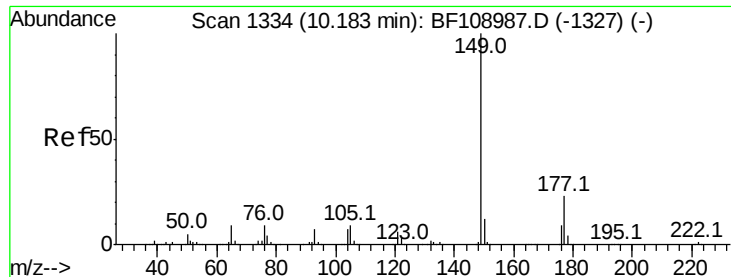
Tot Ion:166 Resp: 58602  
 Ion Ratio Lower Upper  
 166 100  
 165 93.9 79.8 119.8  
 167 13.3 10.6 16.0



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 2.723 ng  
 RT: 10.07 min Scan# 1315  
 Delta R.T. -0.01 min  
 Lab File: BF108984.D  
 Acq: 14 Sep 2018 9:36

Tgt Ion:232 Resp: 13756  
 Ion Ratio Lower Upper  
 232 100  
 131 43.3 43.8 65.8#  
 130 0.9 2.1 3.1#  
 166 29.2 27.8 41.6

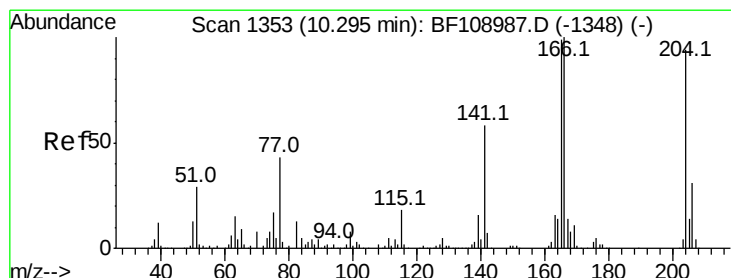
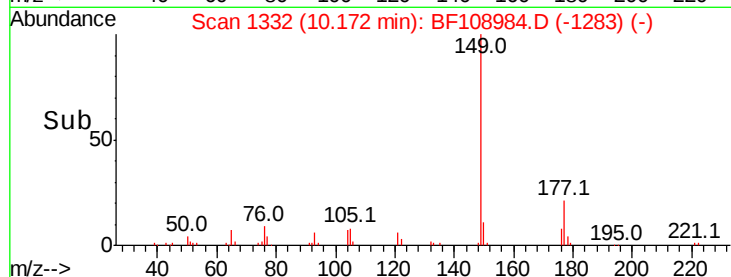
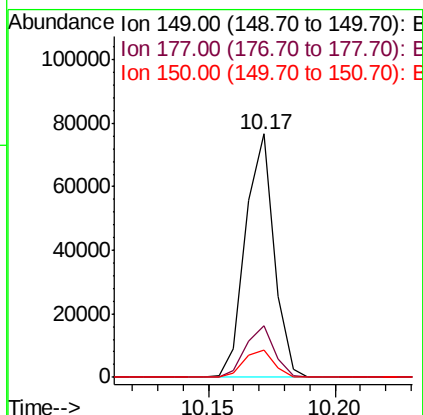
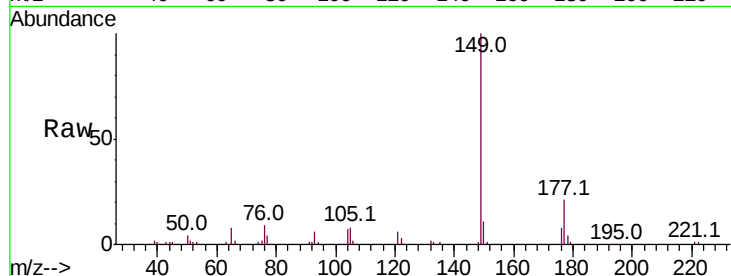




#59  
Diethylphthalate  
Concen: 2.803 ng  
RT: 10.17 min Scan# 1332  
Delta R.T. -0.01 min  
Lab File: BF108984.D  
Acq: 14 Sep 2018 9:36

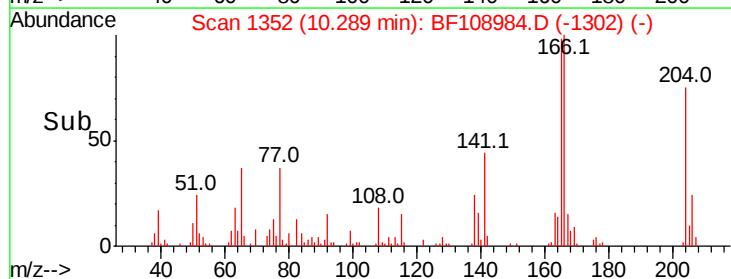
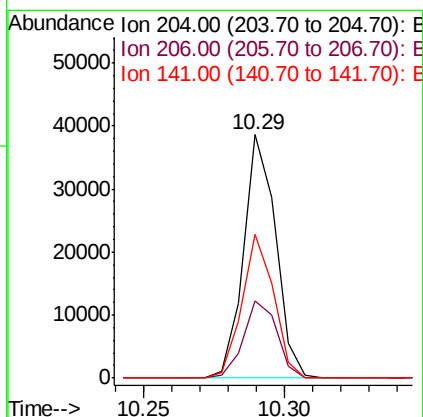
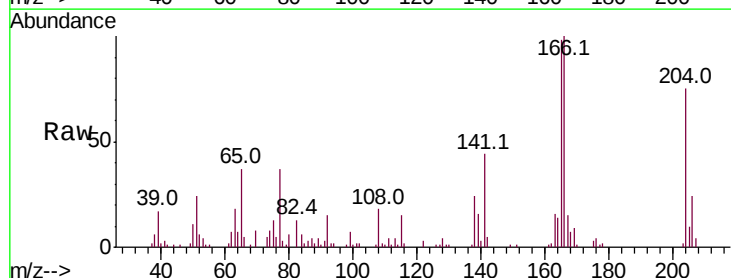
Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:149 Resp: 60033  
Ion Ratio Lower Upper  
149 100  
177 21.0 16.1 24.1  
150 11.0 10.1 15.1



#60  
4-Chlorophenyl-phenylether  
Concen: 3.566 ng  
RT: 10.29 min Scan# 1352  
Delta R.T. -0.01 min  
Lab File: BF108984.D  
Acq: 14 Sep 2018 9:36

Tgt Ion:204 Resp: 30360  
Ion Ratio Lower Upper  
204 100  
206 31.7 26.5 39.7  
141 59.0 54.6 81.8

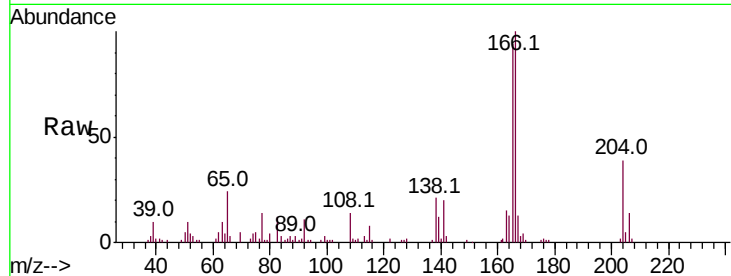




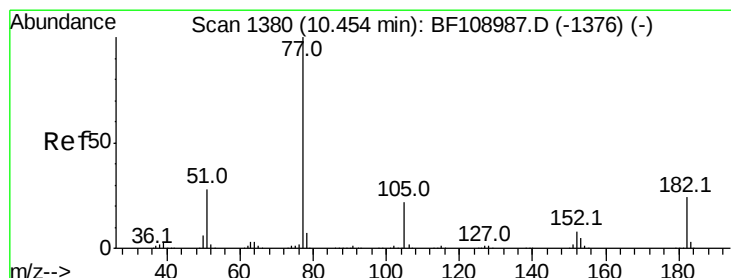
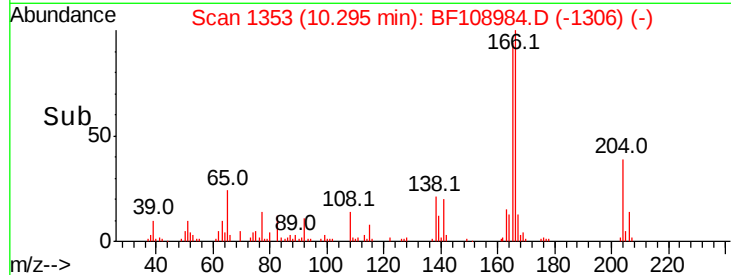
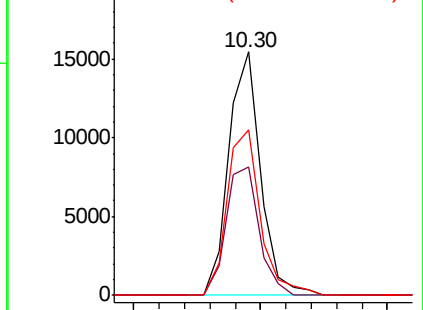
#61  
4-Nitroaniline  
Concen: 3.160 ng  
RT: 10.30 min Scan# 1353  
Delta R.T. -0.02 min  
Lab File: BF108984.D  
Acq: 14 Sep 2018 9:36

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:138 Resp: 13478  
Ion Ratio Lower Upper  
138 100  
92 52.7 30.2 70.2  
108 67.9 52.5 92.5

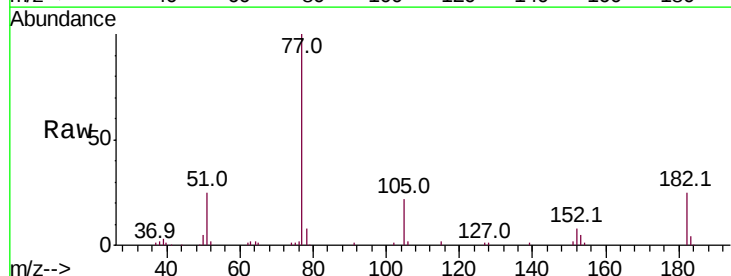


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BF1  
Ion 108.00 (107.70 to 108.70): E

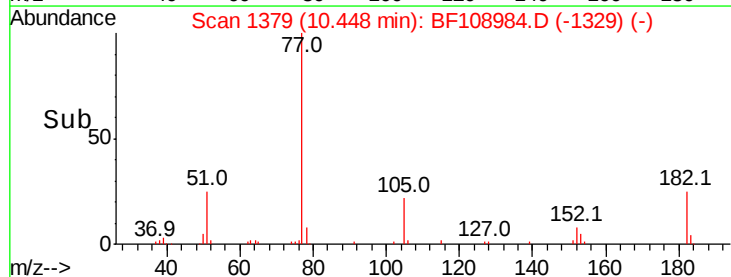
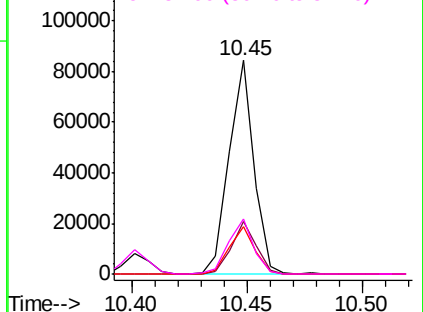


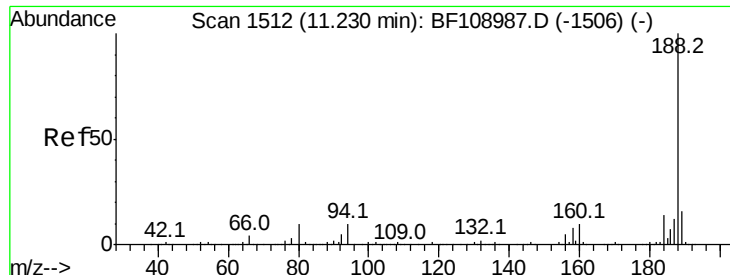
#62  
Azobenzene  
Concen: 2.849 ng  
RT: 10.45 min Scan# 1379  
Delta R.T. -0.01 min  
Lab File: BF108984.D  
Acq: 14 Sep 2018 9:36

Tgt Ion: 77 Resp: 62991  
Ion Ratio Lower Upper  
77 100  
182 24.8 1.7 41.7  
105 22.5 3.0 43.0  
51 25.5 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

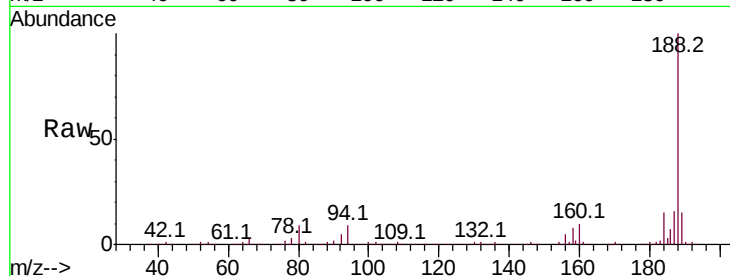




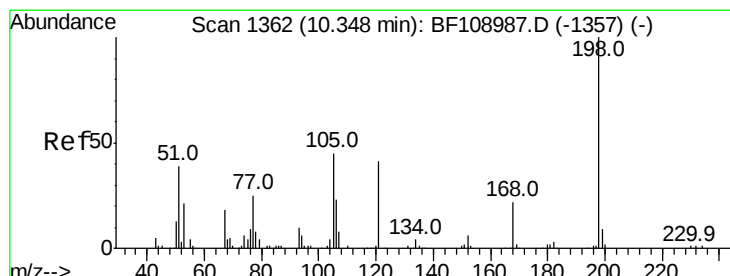
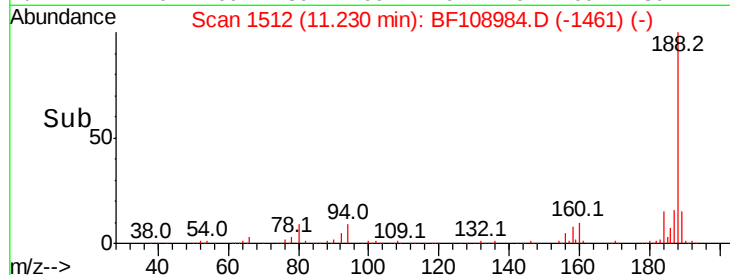
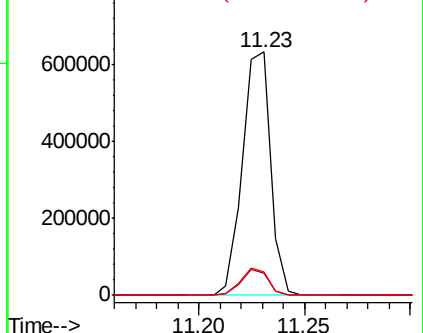
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.23 min Scan# 1512  
Delta R.T. 0.00 min  
Lab File: BF108984.D  
Acq: 14 Sep 2018 9:36

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:188 Resp: 587676  
Ion Ratio Lower Upper  
188 100  
94 9.2 8.5 12.7  
80 9.5 9.2 13.8

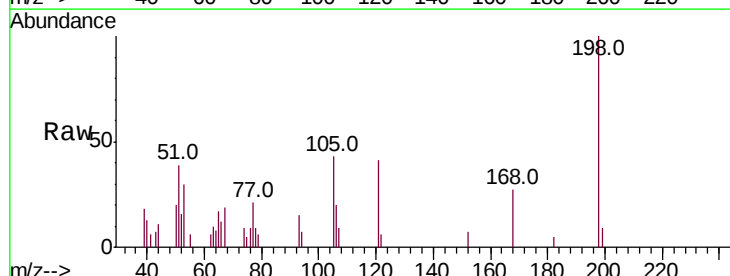


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF1  
Ion 80.00 (79.70 to 80.70): BF1

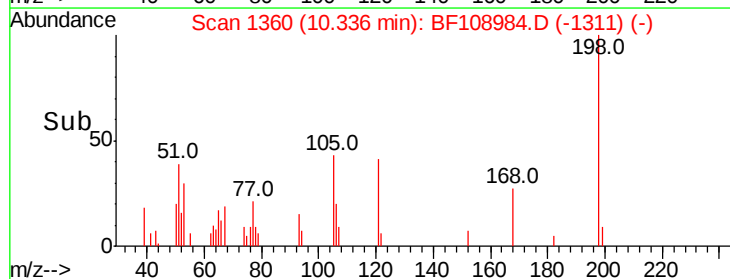
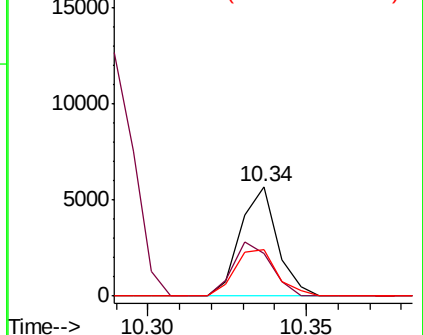


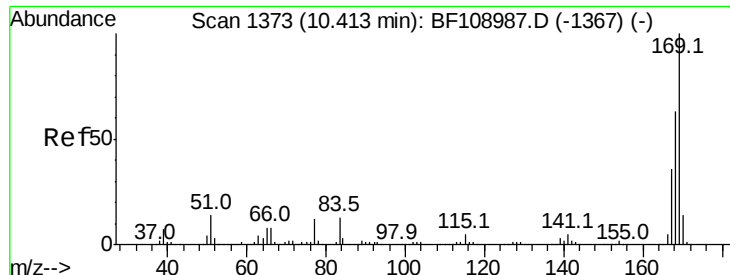
#64  
4,6-Dinitro-2-methylphenol  
Concen: 2.221 ng  
RT: 10.34 min Scan# 1360  
Delta R.T. -0.01 min  
Lab File: BF108984.D  
Acq: 14 Sep 2018 9:36

Tgt Ion:198 Resp: 4601  
Ion Ratio Lower Upper  
198 100  
51 39.2 37.7 77.7  
105 43.0 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

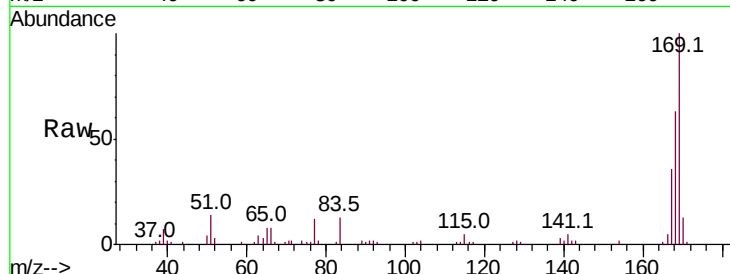




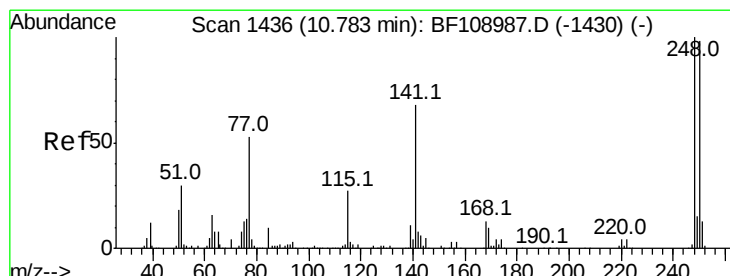
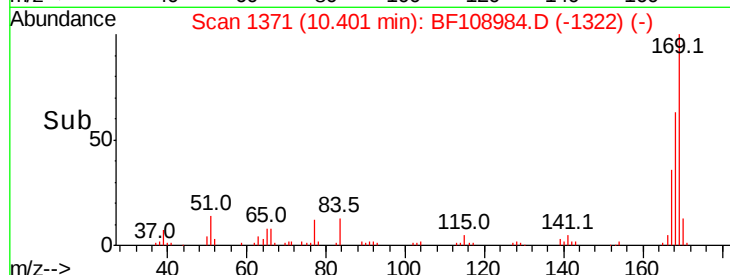
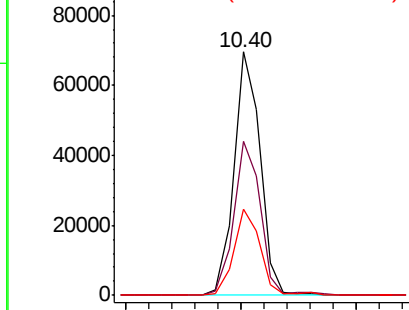
#65  
 n-Nitrosodiphenylamine  
 Concen: 2.804 ng  
 RT: 10.40 min Scan# 1371  
 Delta R.T. -0.01 min  
 Lab File: BF108984.D  
 Acq: 14 Sep 2018 9:36

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 63.5  | 54.4  | 81.6  |
| 167     | 35.6  | 29.8  | 44.6  |

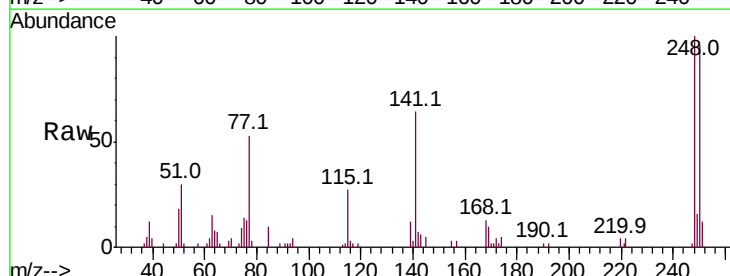


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

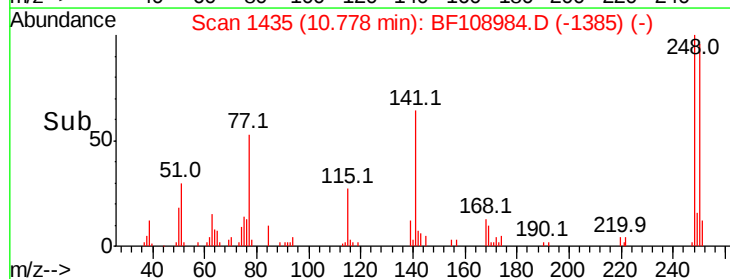
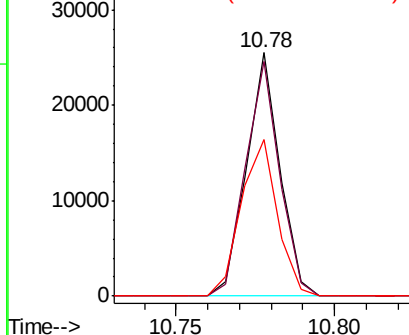


#66  
 4-Bromophenyl-phenylether  
 Concen: 2.808 ng  
 RT: 10.78 min Scan# 1435  
 Delta R.T. -0.01 min  
 Lab File: BF108984.D  
 Acq: 14 Sep 2018 9:36

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 248     | 100   |       |        |
| 250     | 96.4  | 76.9  | 115.3  |
| 141     | 64.2  | 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

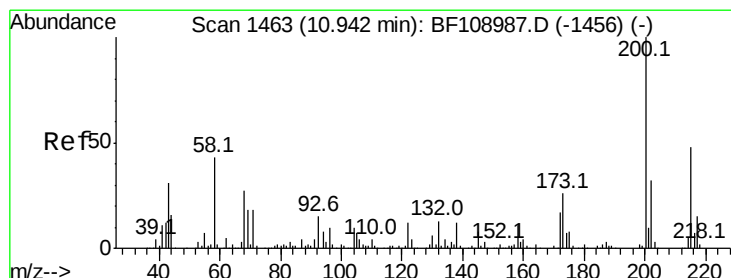
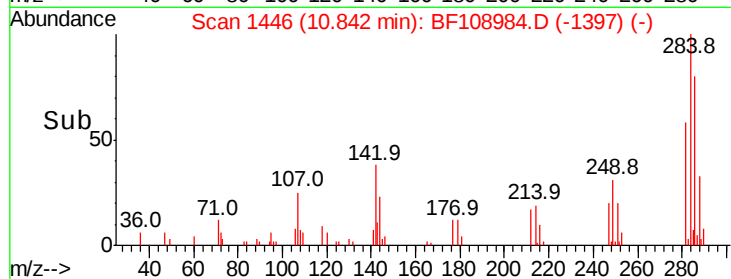
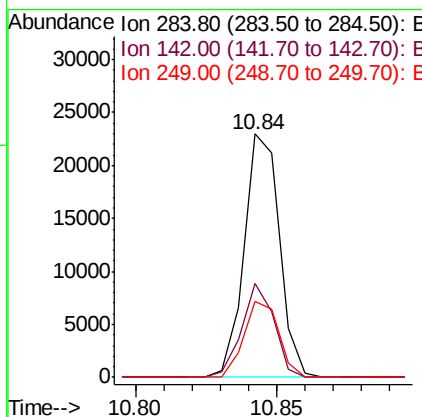
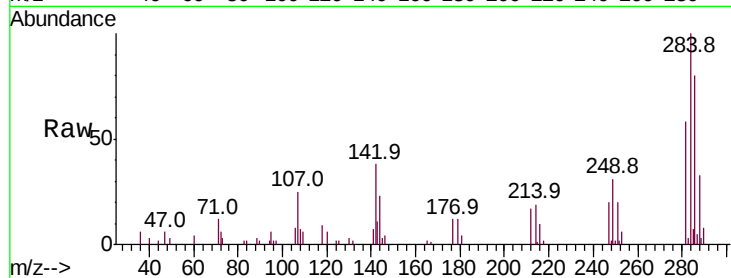




#67  
Hexachlorobenzene  
Concen: 2.814 ng  
RT: 10.84 min Scan# 1446  
Delta R.T. -0.01 min  
Lab File: BF108984.D  
Acq: 14 Sep 2018 9:36

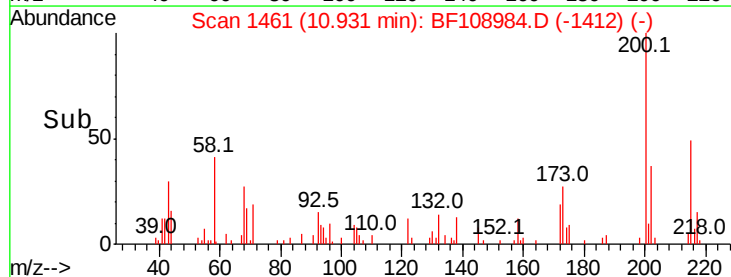
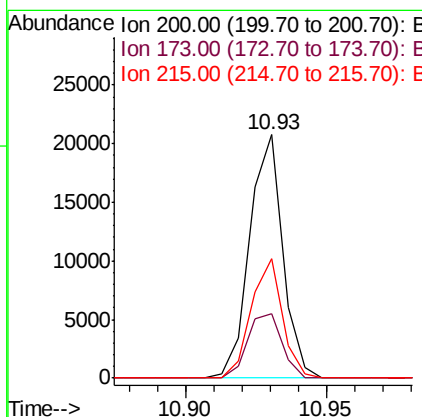
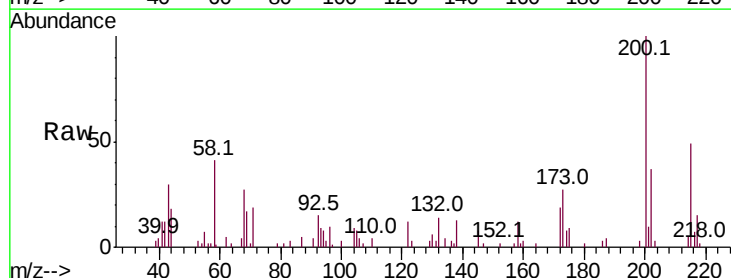
Instrument :  
BNA\_F  
ClientSampleId :

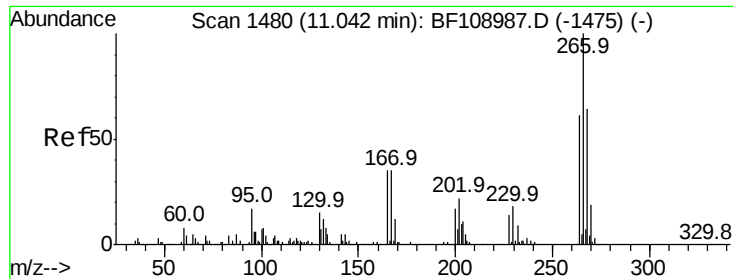
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 38.4  | 34.6  | 52.0  |
| 249     | 31.2  | 24.8  | 37.2  |



#68  
Atrazine  
Concen: 2.695 ng  
RT: 10.93 min Scan# 1461  
Delta R.T. -0.01 min  
Lab File: BF108984.D  
Acq: 14 Sep 2018 9:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 26.7  | 8.6   | 48.6  |
| 215     | 49.2  | 25.1  | 65.1  |

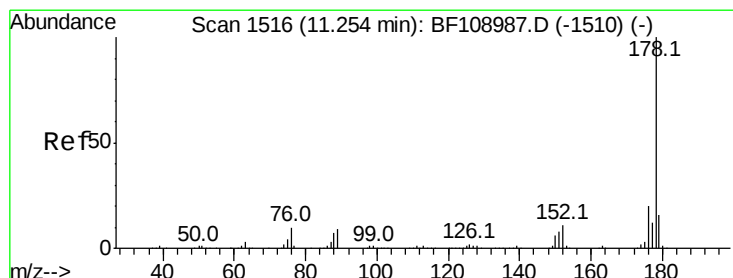
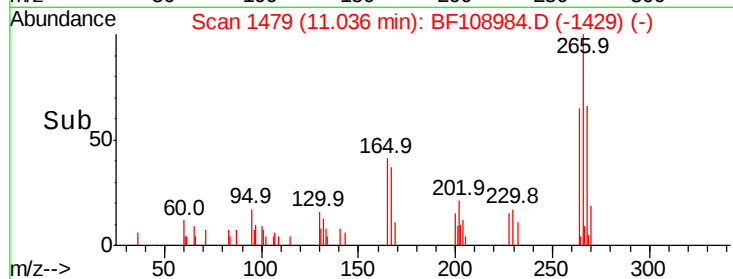
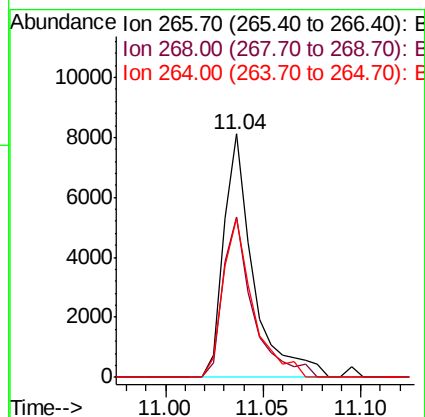
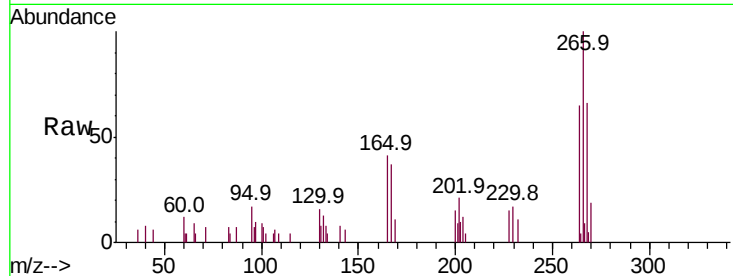




#69  
 Pentachlorophenol  
 Concen: 1.963 ng  
 RT: 11.04 min Scan# 1479  
 Delta R.T. -0.01 min  
 Lab File: BF108984.D  
 Acq: 14 Sep 2018 9:36

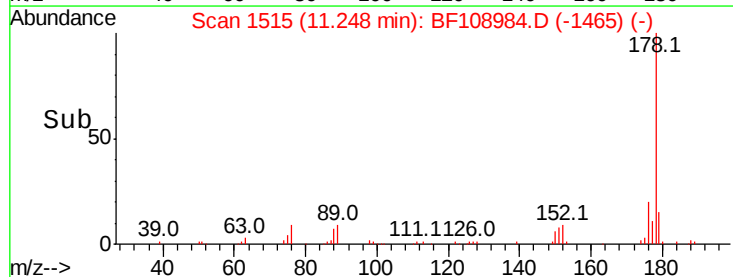
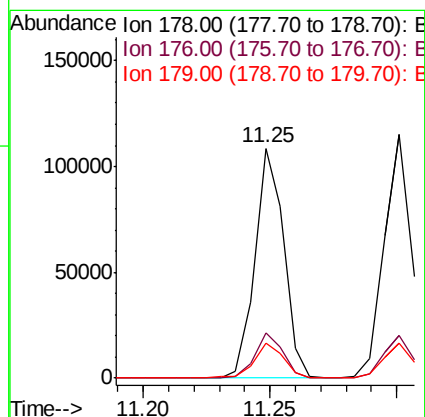
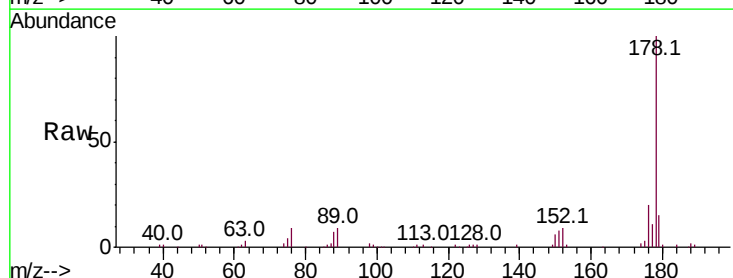
Instrument :  
 BNA\_F  
 ClientSampled :

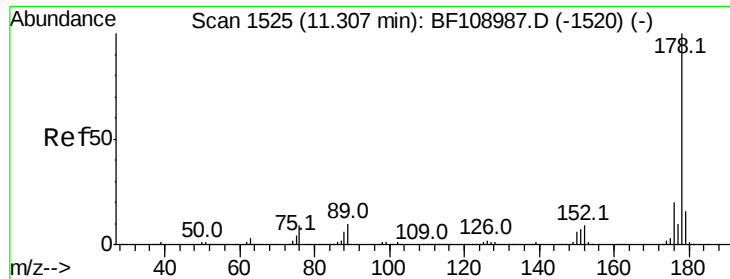
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 65.8  | 51.1  | 76.7  |
| 264     | 65.4  | 49.5  | 74.3  |



#70  
 Phenanthrene  
 Concen: 3.072 ng  
 RT: 11.25 min Scan# 1515  
 Delta R.T. -0.01 min  
 Lab File: BF108984.D  
 Acq: 14 Sep 2018 9:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.5  | 15.8  | 23.8  |
| 179     | 15.4  | 13.0  | 19.6  |

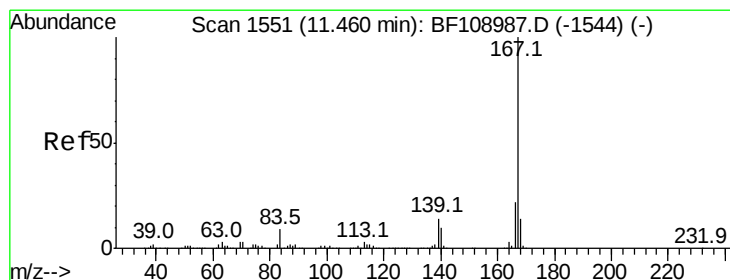
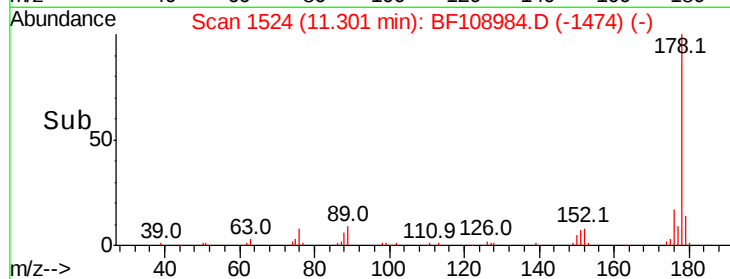
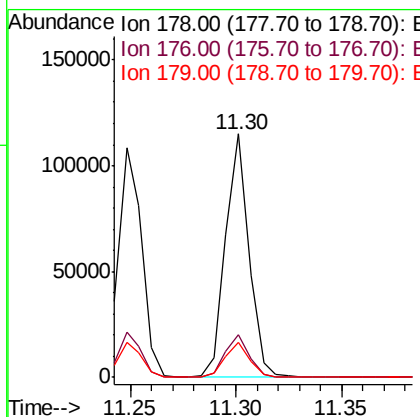
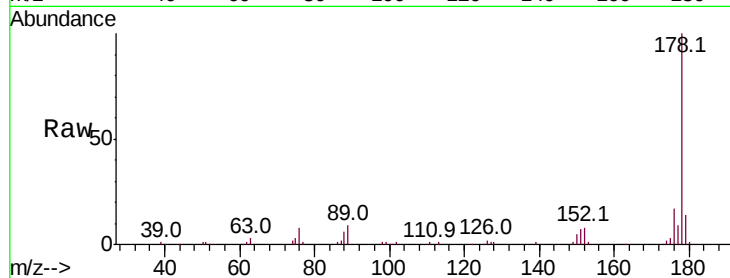




#71  
 Anthracene  
 Concen: 3.289 ng  
 RT: 11.30 min Scan# 1524  
 Delta R.T. -0.01 min  
 Lab File: BF108984.D  
 Acq: 14 Sep 2018 9:36

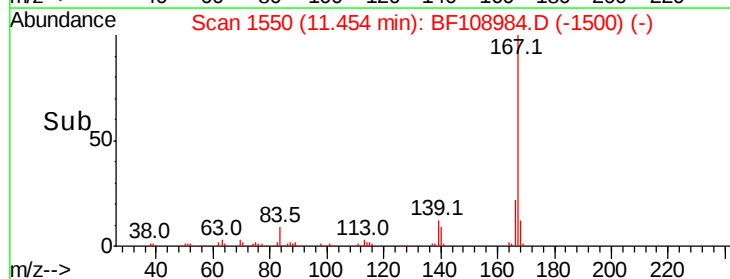
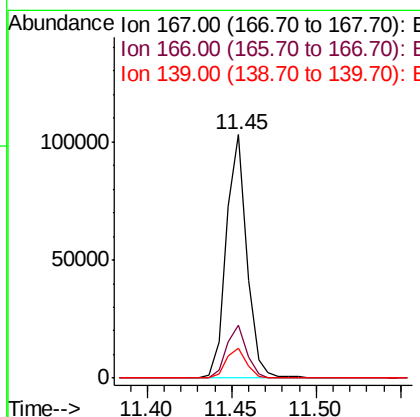
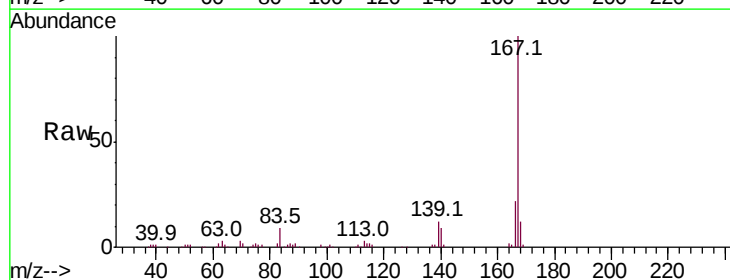
Instrument :  
 BNA\_F  
 ClientSampleId :

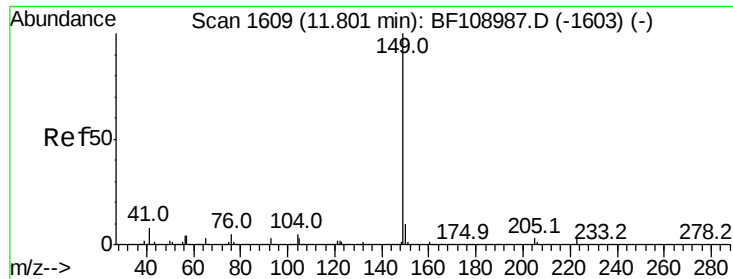
Tot Ion:178 Resp: 88367  
 Ion Ratio Lower Upper  
 178 100  
 176 17.3 15.4 23.2  
 179 14.2 12.6 19.0



#72  
 Carbazole  
 Concen: 3.075 ng  
 RT: 11.45 min Scan# 1550  
 Delta R.T. -0.01 min  
 Lab File: BF108984.D  
 Acq: 14 Sep 2018 9:36

Tgt Ion:167 Resp: 87022  
 Ion Ratio Lower Upper  
 167 100  
 166 21.8 17.6 26.4  
 139 12.3 10.9 16.3

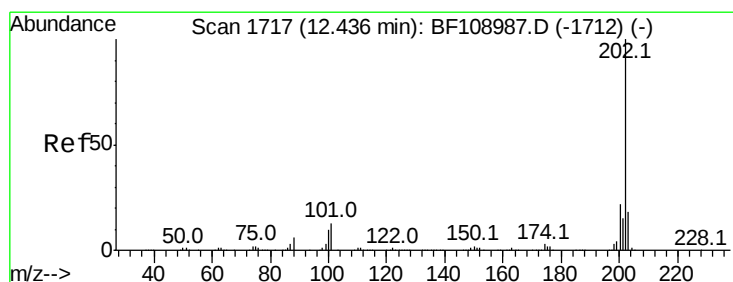
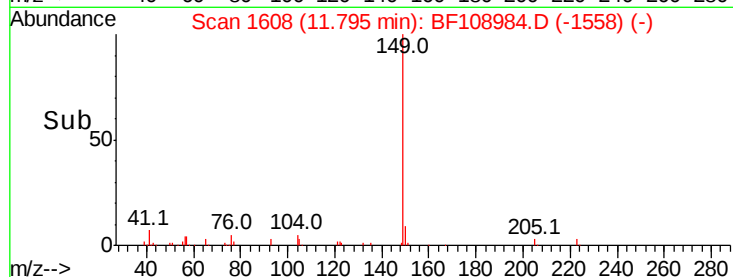
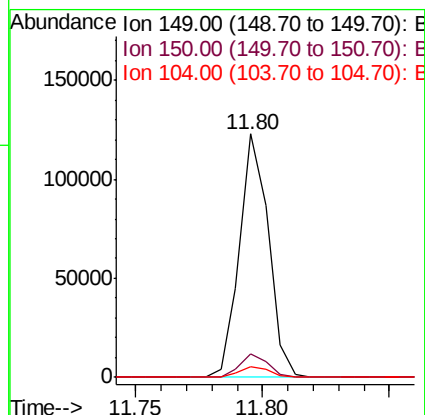
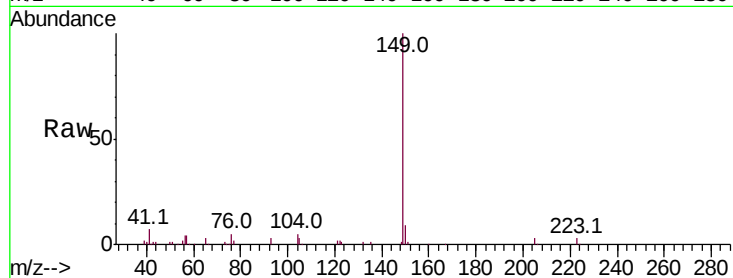




#73  
Di-n-butylphthalate  
Concen: 3.108 ng  
RT: 11.80 min Scan# 1608  
Delta R.T. -0.01 min  
Lab File: BF108984.D  
Acq: 14 Sep 2018 9:36

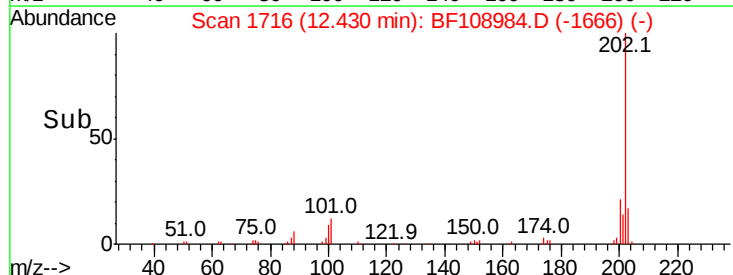
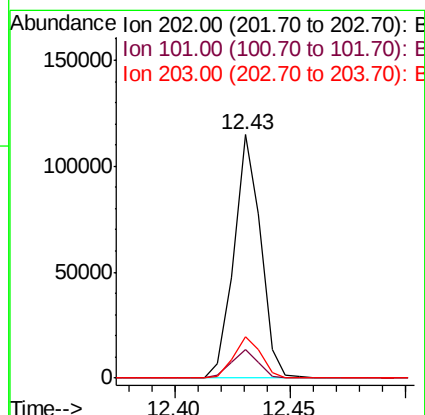
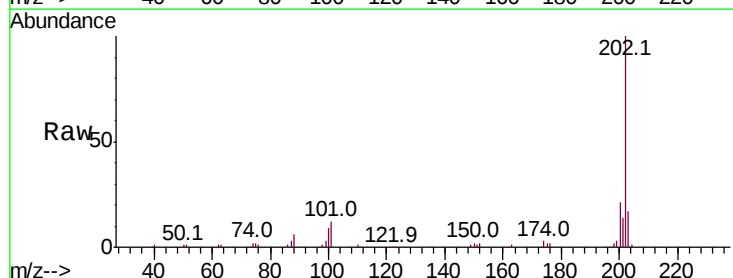
Instrument :  
BNA\_F  
ClientSampleId :

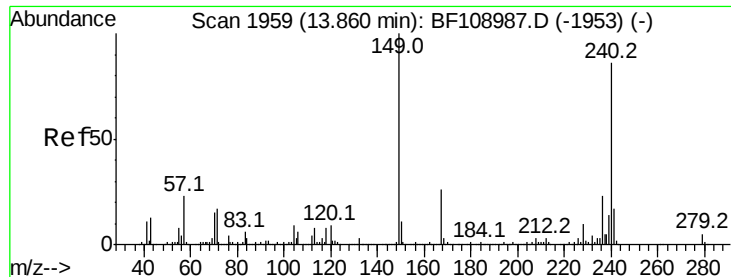
Tot Ion:149 Resp: 97681  
Ion Ratio Lower Upper  
149 100  
150 9.5 7.8 11.6  
104 4.6 3.8 5.8



#74  
Fluoranthene  
Concen: 3.334 ng  
RT: 12.43 min Scan# 1716  
Delta R.T. -0.01 min  
Lab File: BF108984.D  
Acq: 14 Sep 2018 9:36

Tgt Ion:202 Resp: 92631  
Ion Ratio Lower Upper  
202 100  
101 11.7 0.0 34.1  
203 16.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BF108984.D

Acq: 14 Sep 2018 9:36

Instrument :

BNA\_F

ClientSampleId :

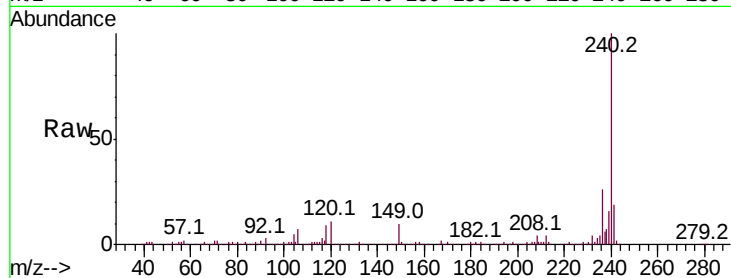
Tot Ion:240 Resp: 539469

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

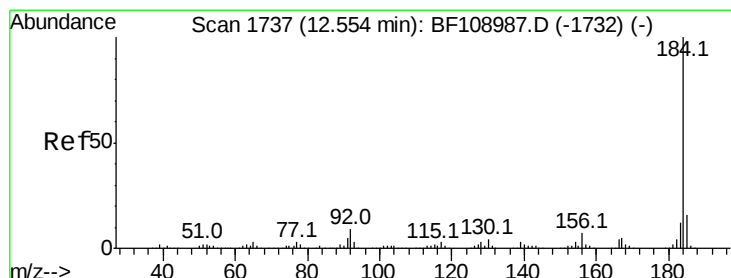
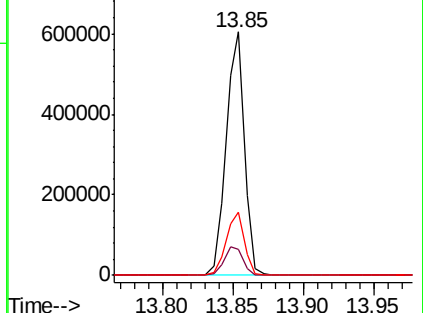
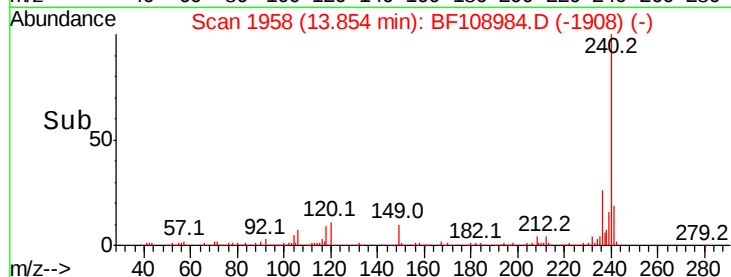
236 25.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.427 ng

RT: 12.55 min Scan# 1737

Delta R.T. 0.00 min

Lab File: BF108984.D

Acq: 14 Sep 2018 9:36

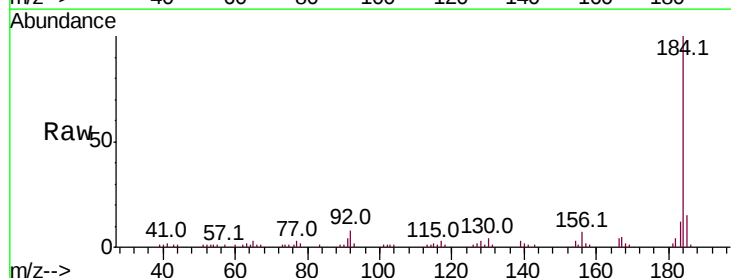
Tgt Ion:184 Resp: 62054

Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

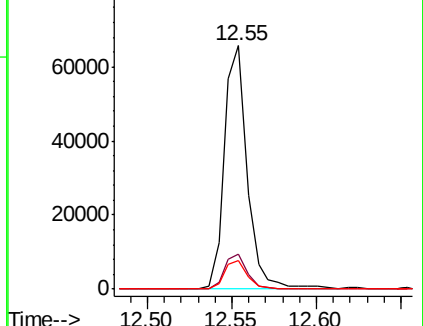
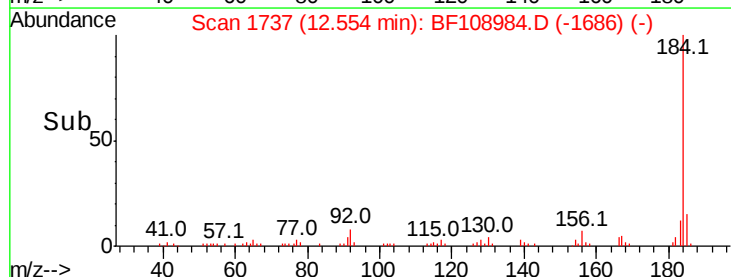
183 11.7 9.3 13.9

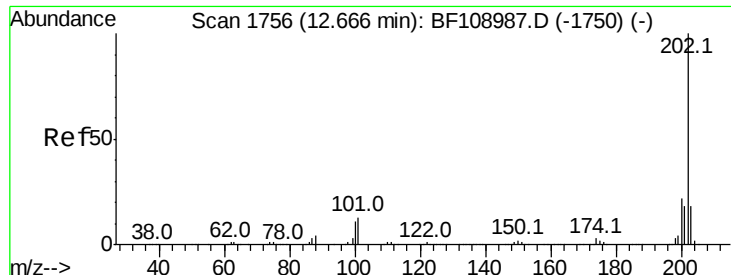


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

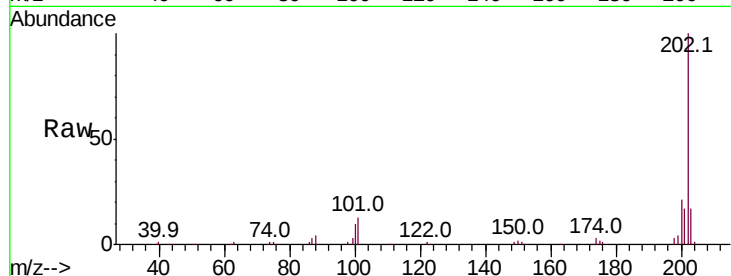




#77  
Pvrene  
Concen: 2.323 ng  
RT: 12.66 min Scan# 1755  
Delta R.T. -0.01 min  
Lab File: BF108984.D  
Acq: 14 Sep 2018 9:36

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.4  | 17.4  | 26.2  |
| 203     | 17.1  | 14.3  | 21.5  |

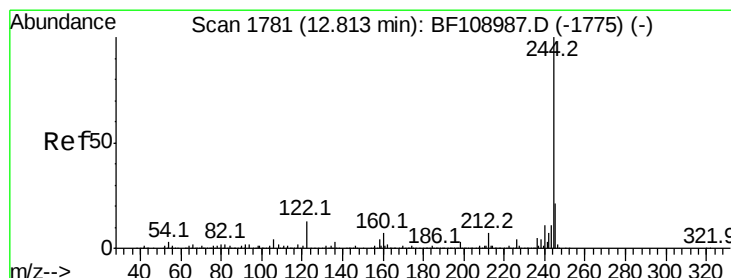
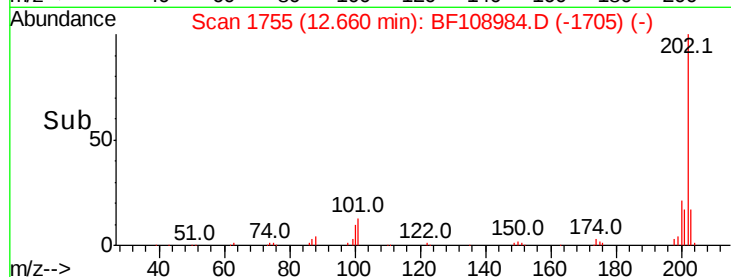
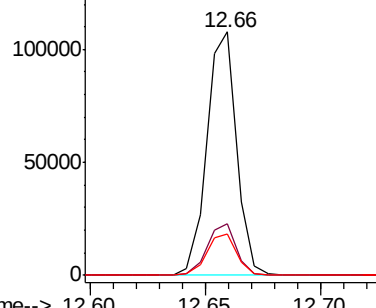


Abundance

Ion 202.00 (201.70 to 202.70): E

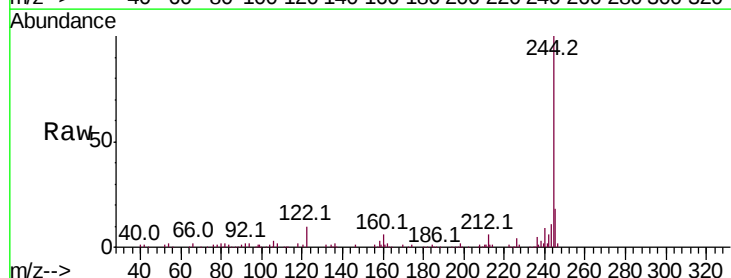
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78  
Terphenyl-d14  
Concen: 5.153 ng  
RT: 12.81 min Scan# 1780  
Delta R.T. -0.01 min  
Lab File: BF108984.D  
Acq: 14 Sep 2018 9:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.2   | 5.4   | 8.0   |
| 122     | 10.1  | 11.0  | 16.4  |

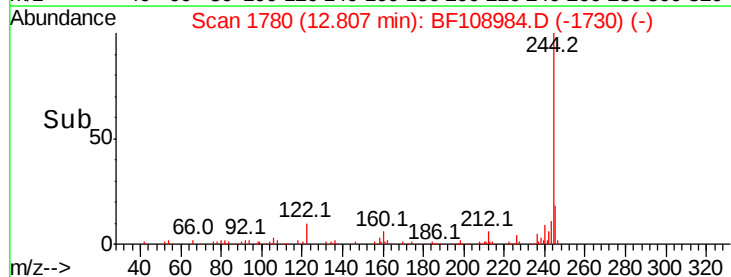
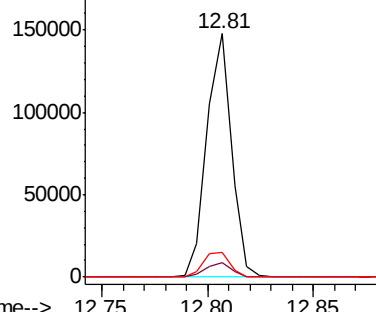


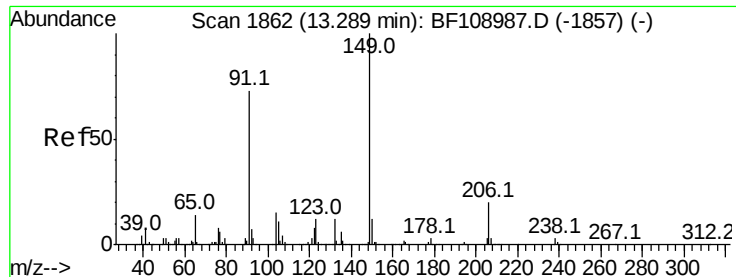
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 2.112 ng

RT: 13.28 min Scan# 1861

Delta R.T. -0.01 min

Lab File: BF108984.D

Acq: 14 Sep 2018 9:36

Instrument :

BNA\_F

ClientSampleId :

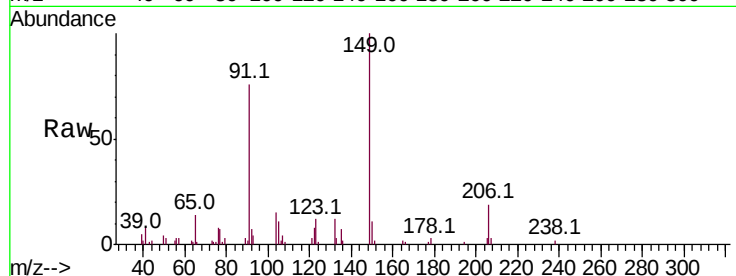
Tot Ion:149 Resp: 39479

Ion Ratio Lower Upper

149 100

91 75.6 56.8 85.2

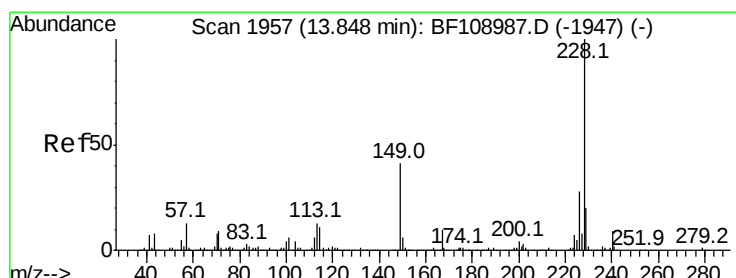
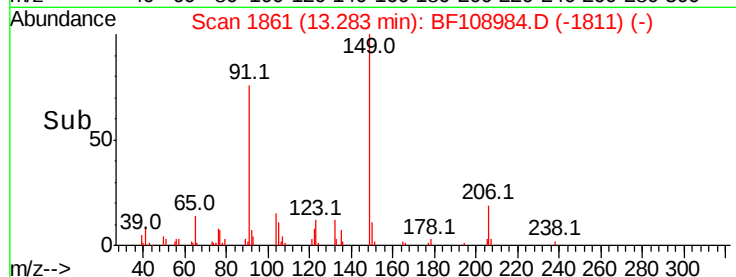
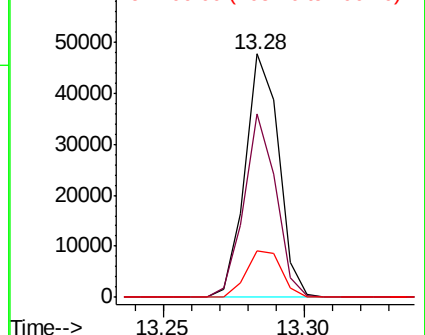
206 19.1 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 2.486 ng

RT: 13.84 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BF108984.D

Acq: 14 Sep 2018 9:36

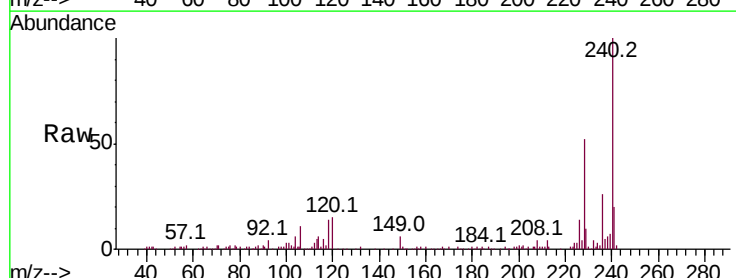
Tgt Ion:228 Resp: 85962

Ion Ratio Lower Upper

228 100

226 26.1 22.6 33.8

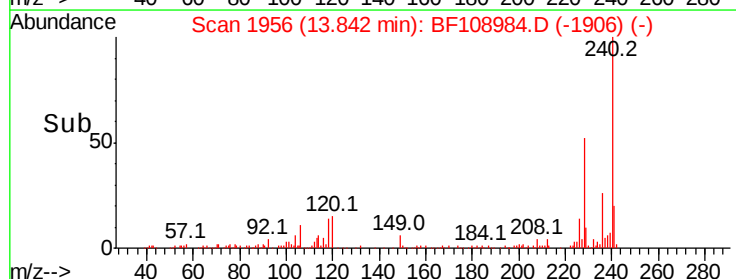
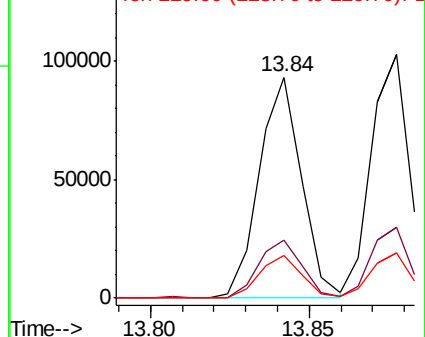
229 19.4 15.8 23.6

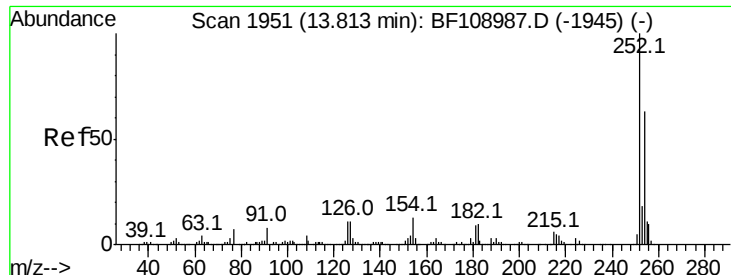


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

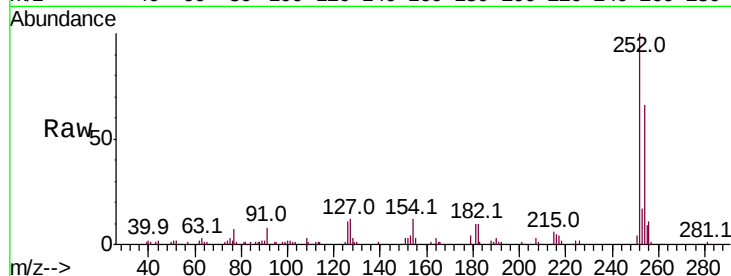




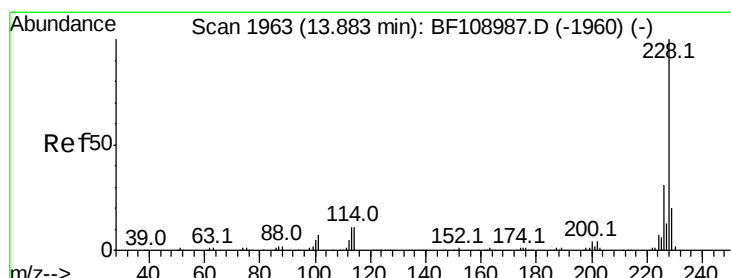
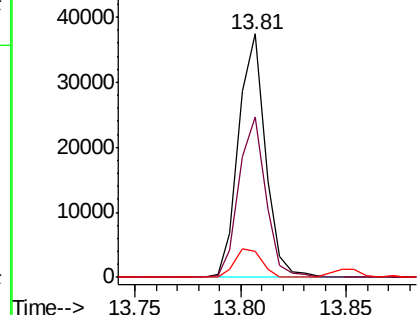
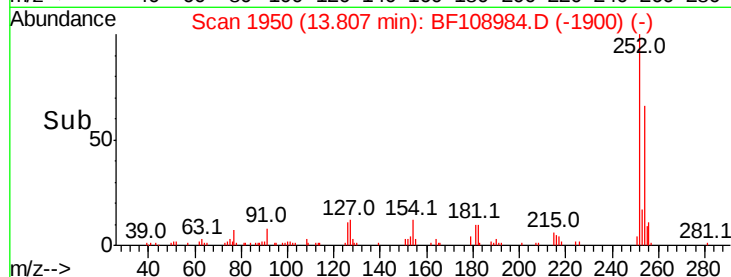
#81  
 3,3'-Dichlorobenzidine  
 Concen: 2.443 ng  
 RT: 13.81 min Scan# 1950  
 Delta R.T. -0.01 min  
 Lab File: BF108984.D  
 Acq: 14 Sep 2018 9:36

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.7  | 50.4  | 75.6  |
| 126     | 10.9  | 11.3  | 16.9# |

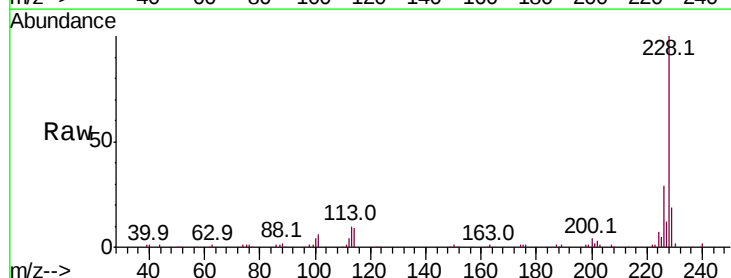


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

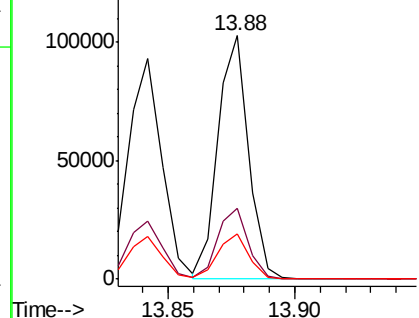
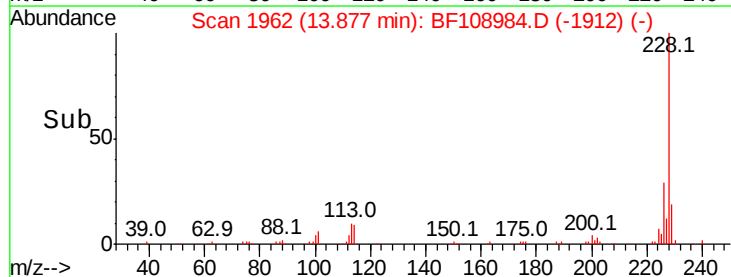


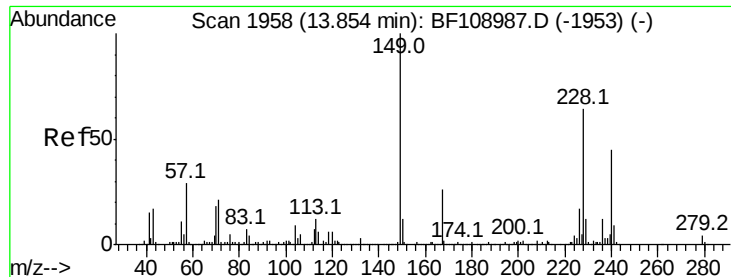
#82  
 Chrysene  
 Concen: 2.578 ng  
 RT: 13.88 min Scan# 1962  
 Delta R.T. -0.01 min  
 Lab File: BF108984.D  
 Acq: 14 Sep 2018 9:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.2  | 25.0  | 37.6  |
| 229     | 18.7  | 16.2  | 24.4  |



Abundance Ion 228.00 (227.70 to 228.70): E  
 Ion 226.00 (225.70 to 226.70): E  
 Ion 229.00 (228.70 to 229.70): E

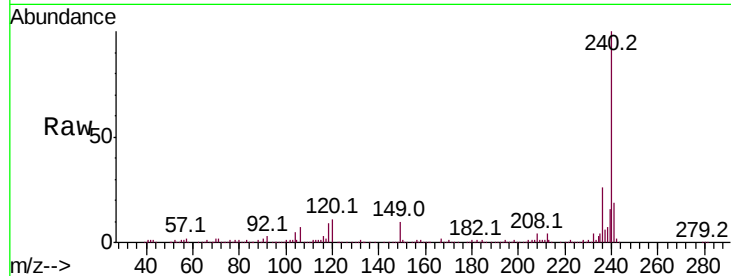




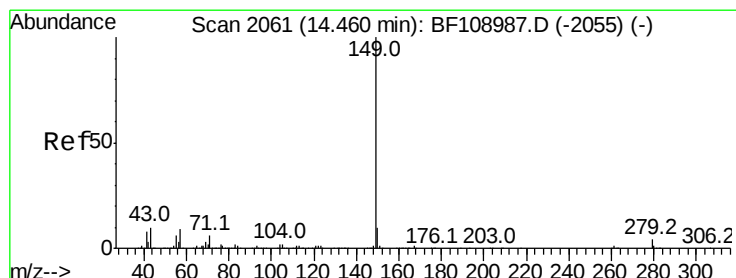
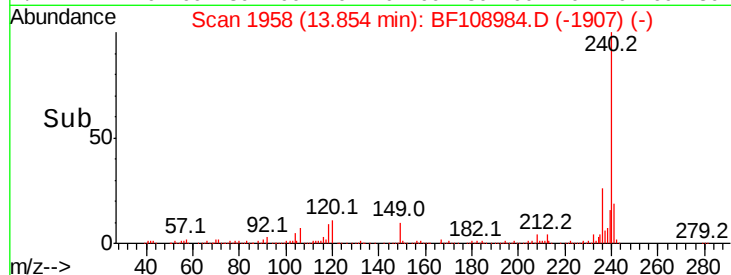
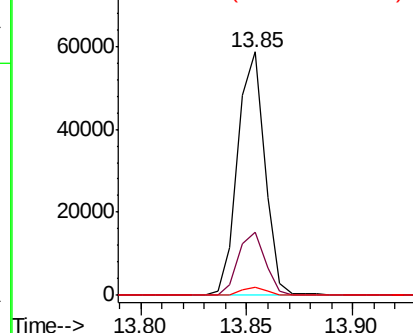
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 2.208 ng  
 RT: 13.85 min Scan# 1958  
 Delta R.T. 0.00 min  
 Lab File: BF108984.D  
 Acq: 14 Sep 2018 9:36

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 25.8  | 21.3  | 31.9  |
| 279     | 3.4   | 3.0   | 4.4   |

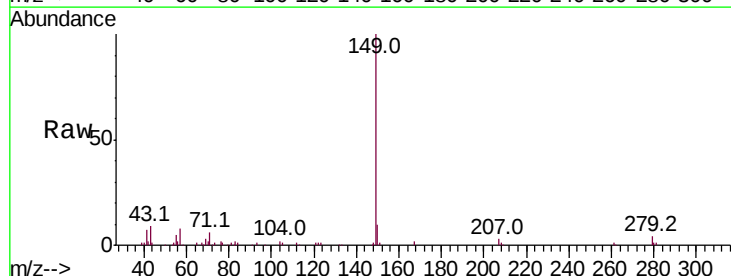


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

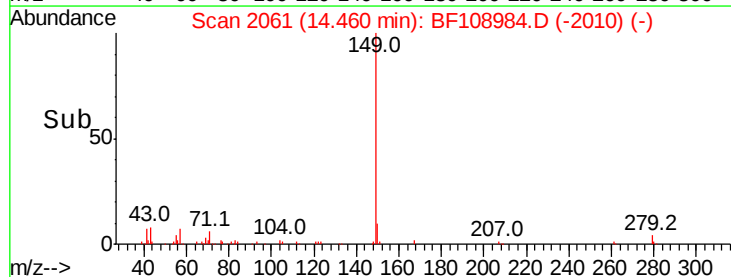
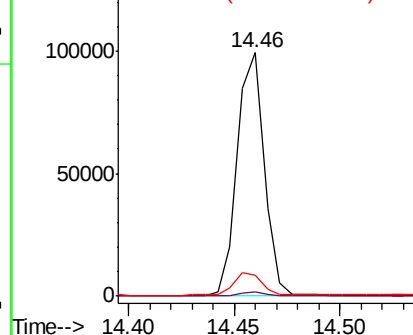


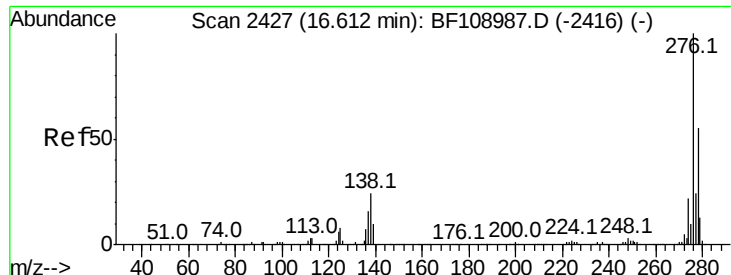
#84  
 Di-n-octyl phthalate  
 Concen: 2.237 ng  
 RT: 14.46 min Scan# 2061  
 Delta R.T. 0.00 min  
 Lab File: BF108984.D  
 Acq: 14 Sep 2018 9:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.5   | 1.2   | 1.8   |
| 43      | 11.2  | 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

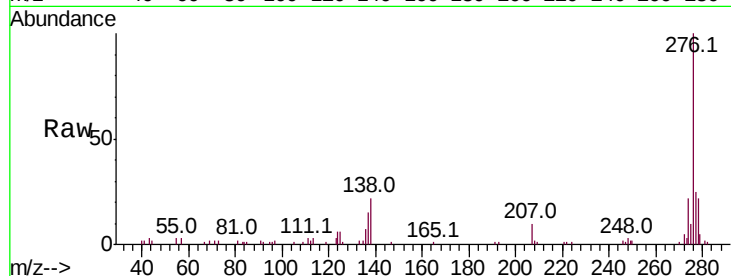




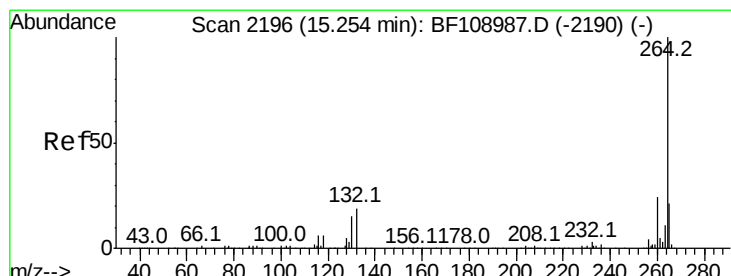
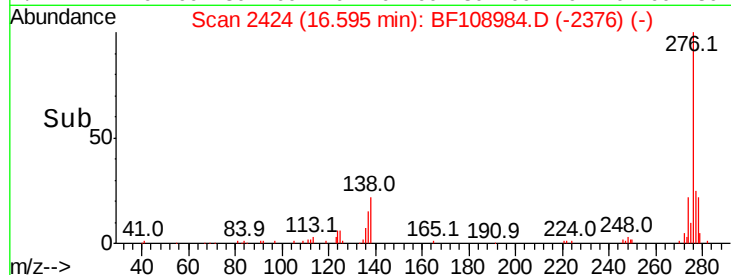
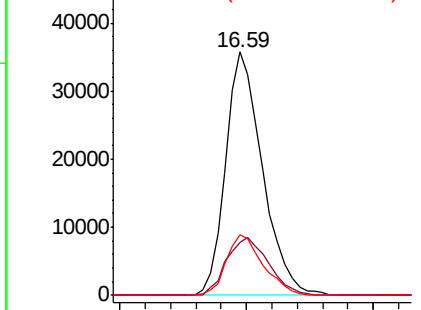
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 2.415 ng  
 RT: 16.59 min Scan# 2424  
 Delta R.T. -0.02 min  
 Lab File: BF108984.D  
 Acq: 14 Sep 2018 9:36

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 27.2  | 25.0  | 37.6  |
| 277     | 25.0  | 20.1  | 30.1  |

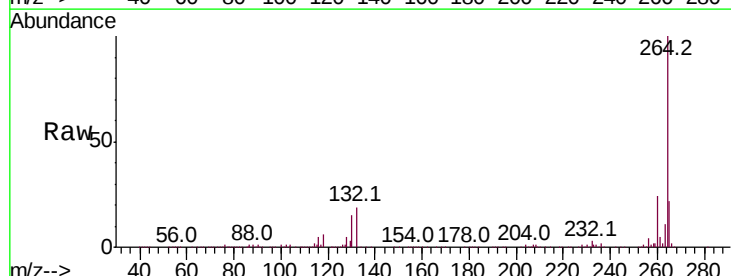


Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

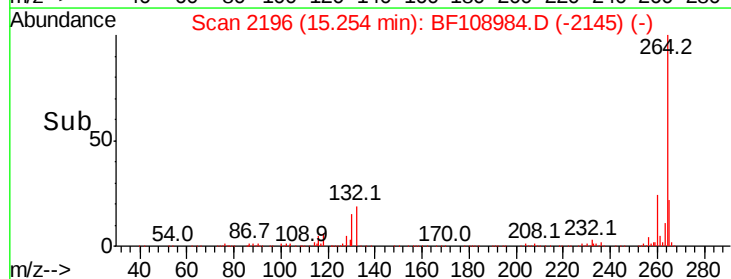
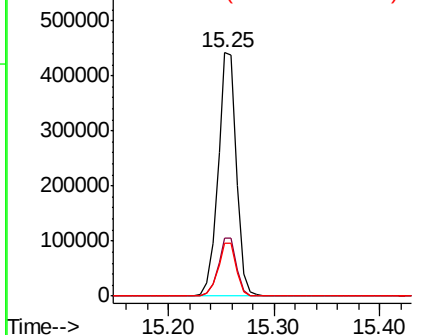


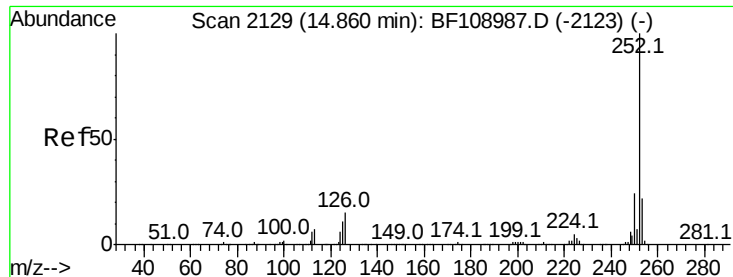
#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.25 min Scan# 2196  
 Delta R.T. 0.00 min  
 Lab File: BF108984.D  
 Acq: 14 Sep 2018 9:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.1  | 19.2  | 28.8  |
| 265     | 21.6  | 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

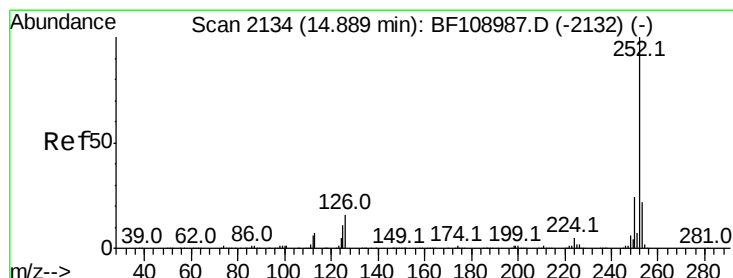
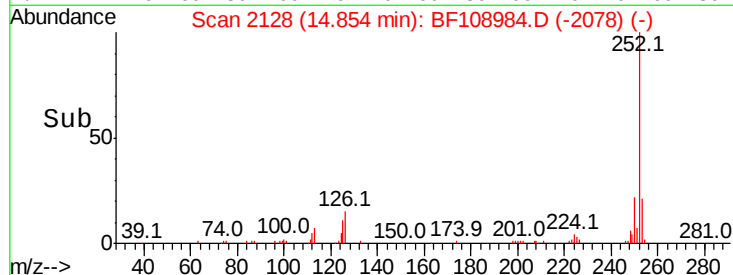
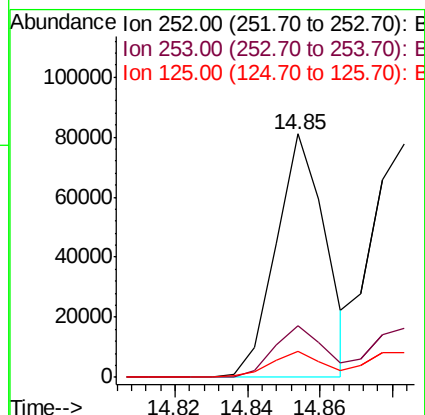
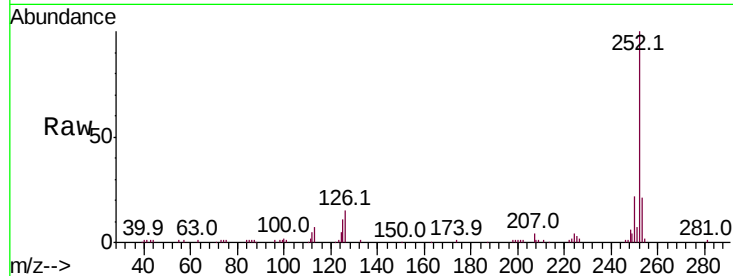




#87  
Benzo(b)fluoranthene  
Concen: 2.642 ng  
RT: 14.85 min Scan# 2128  
Delta R.T. -0.01 min  
Lab File: BF108984.D  
Acq: 14 Sep 2018 9:36

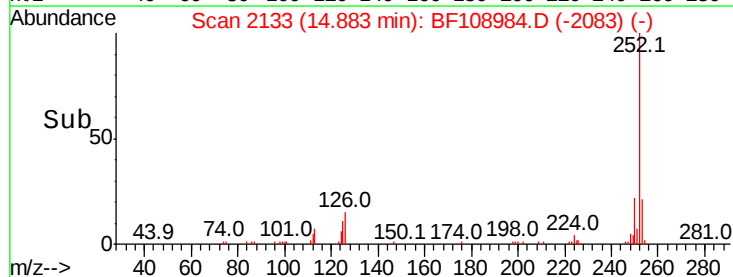
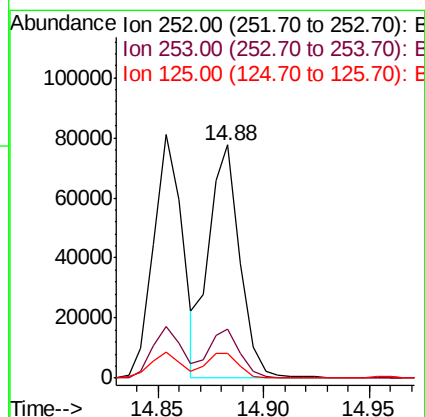
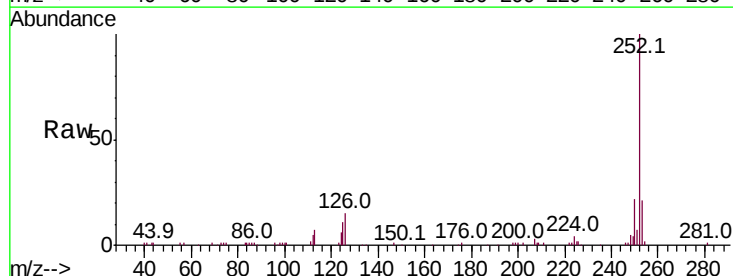
Instrument :  
BNA\_F  
ClientSampled :

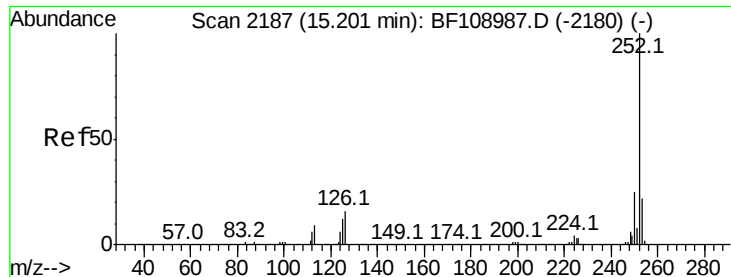
Tot Ion:252 Resp: 77092  
Ion Ratio Lower Upper  
252 100  
253 21.2 17.0 25.6  
125 10.6 9.0 13.6



#88  
Benzo(k)fluoranthene  
Concen: 2.948 ng  
RT: 14.88 min Scan# 2133  
Delta R.T. -0.01 min  
Lab File: BF108984.D  
Acq: 14 Sep 2018 9:36

Tgt Ion:252 Resp: 79213  
Ion Ratio Lower Upper  
252 100  
253 20.8 17.9 26.9  
125 10.8 10.2 15.2

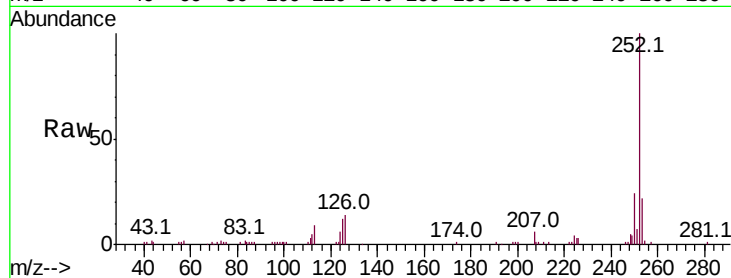




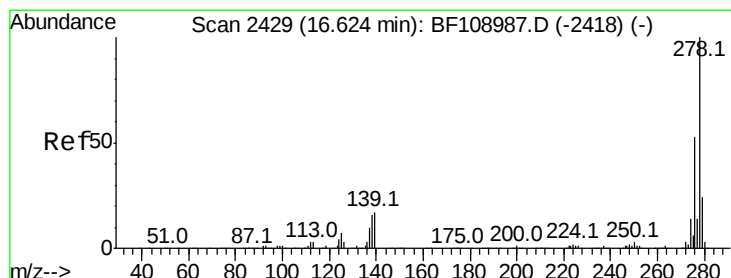
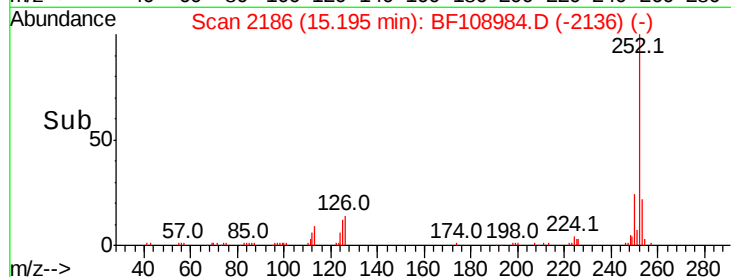
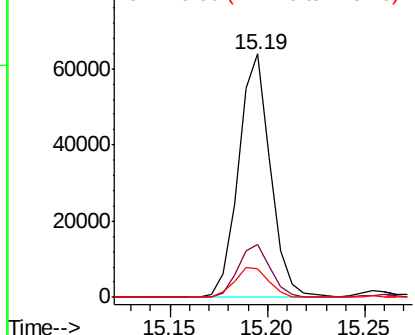
#89  
Benzo(a)pyrene  
Concen: 2.745 ng  
RT: 15.19 min Scan# 2186  
Delta R.T. -0.01 min  
Lab File: BF108984.D  
Acq: 14 Sep 2018 9:36

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:252 Resp: 72263  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.1 25.7  
125 11.7 9.8 14.6

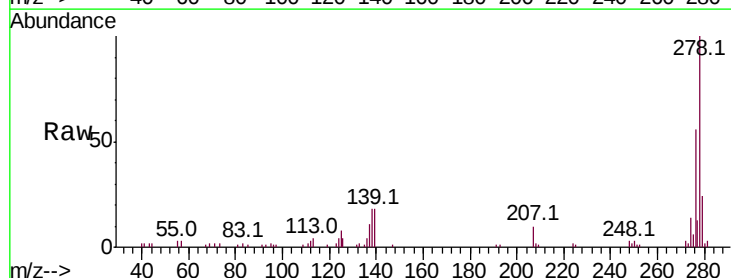


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

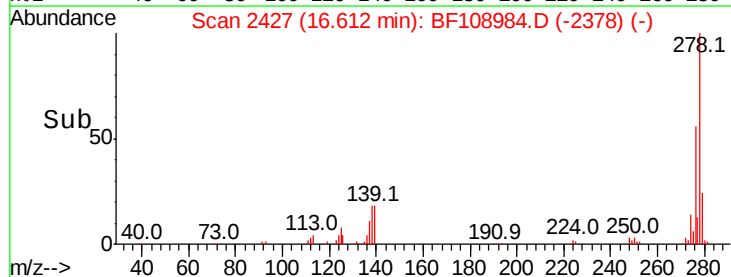
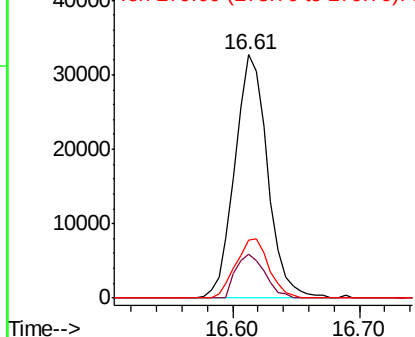


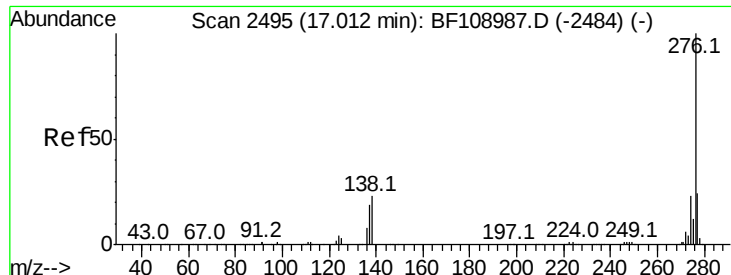
#90  
Dibenzo(a,h)anthracene  
Concen: 2.531 ng  
RT: 16.61 min Scan# 2427  
Delta R.T. -0.01 min  
Lab File: BF108984.D  
Acq: 14 Sep 2018 9:36

Tgt Ion:278 Resp: 58710  
Ion Ratio Lower Upper  
278 100  
139 18.0 15.9 23.9  
279 24.0 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: 2.452 ng

RT: 17.00 min Scan# 2493

Delta R.T. -0.01 min

Lab File: BF108984.D

Acq: 14 Sep 2018 9:36

Instrument :

BNA\_F

ClientSampleId :

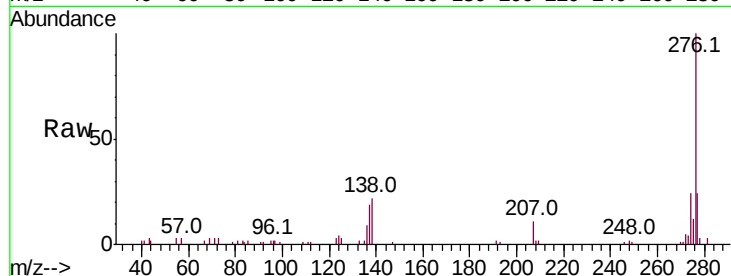
Tot Ion: 276 Resp: 56944

Ion Ratio Lower Upper

276 100

277 24.5 17.9 26.9

138 22.3 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

