

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\  
 Data File : BF096060.D  
 Acq On : 20 Jun 2017 23:28  
 Operator : SJ/MA  
 Sample : I3782-02MS  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jun 21 01:16:39 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 20 16:05:47 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.29  | 152  | 74173    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 9.33  | 136  | 284566   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 12.15 | 164  | 114058   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 14.54 | 188  | 180987   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 18.27 | 240  | 129377   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 19.94 | 264  | 98169    | 20.00 | ng    | 0.00     |

|                             |       |     |        |        |    |      |
|-----------------------------|-------|-----|--------|--------|----|------|
| System Monitoring Compounds |       |     |        |        |    |      |
| 5) 2-Fluorophenol           | 5.19  | 112 | 569257 | 122.29 | ng | 0.01 |
| 7) Phenol-d6                | 6.88  | 99  | 642705 | 115.33 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 8.22  | 82  | 372090 | 81.21  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol    | 13.45 | 330 | 102129 | 101.20 | ng | 0.00 |
| 44) 2-Fluorobiphenyl        | 11.11 | 172 | 587779 | 71.71  | ng | 0.00 |
| 78) Terphenyl-d14           | 16.93 | 244 | 378122 | 72.53  | ng | 0.00 |

|                                |       |     |        |       |    |        |
|--------------------------------|-------|-----|--------|-------|----|--------|
| Target Compounds               |       |     |        |       |    | Qvalue |
| 2) 1,4-Dioxane                 | 1.66  | 88  | 72766  | 32.86 | ng | 92     |
| 3) Pyridine                    | 2.19  | 79  | 182283 | 35.02 | ng | 96     |
| 4) n-Nitrosodimethylamine      | 2.17  | 42  | 75348  | 38.08 | ng | 81     |
| 6) Aniline                     | 6.79  | 93  | 204770 | 28.09 | ng | 94     |
| 8) 2-Chlorophenol              | 6.99  | 128 | 199671 | 40.34 | ng | 95     |
| 9) Benzaldehyde                | 6.59  | 77  | 112029 | 29.80 | ng | 98     |
| 10) Phenol                     | 6.90  | 94  | 252868 | 43.74 | ng | 86     |
| 11) bis(2-Chloroethyl)ether    | 6.94  | 93  | 181396 | 39.61 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 7.19  | 146 | 212515 | 37.93 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 7.32  | 146 | 215549 | 37.94 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 7.55  | 146 | 205649 | 39.27 | ng | 95     |
| 15) Benzyl Alcohol             | 7.60  | 79  | 151652 | 39.65 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.79  | 45  | 253255 | 39.36 | ng | 98     |
| 17) 2-Methylphenol             | 7.85  | 107 | 159629 | 38.43 | ng | 94     |
| 18) Hexachloroethane           | 8.06  | 117 | 53998  | 28.78 | ng | # 83   |
| 19) n-Nitroso-di-n-propylamine | 8.03  | 70  | 136624 | 38.69 | ng | 94     |
| 20) 3+4-Methylphenols          | 8.12  | 107 | 213984 | 40.59 | ng | # 59   |
| 22) Acetophenone               | 7.99  | 105 | 273571 | 41.07 | ng | # 83   |
| 24) Nitrobenzene               | 8.25  | 77  | 185797 | 37.96 | ng | 92     |
| 25) Isophorone                 | 8.65  | 82  | 333448 | 38.97 | ng | 96     |
| 26) 2-Nitrophenol              | 8.76  | 139 | 91835  | 35.83 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 8.92  | 122 | 165938 | 41.72 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 9.03  | 93  | 226483 | 40.16 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 9.20  | 162 | 153850 | 40.16 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 9.26  | 180 | 154930 | 38.87 | ng | 99     |
| 31) Naphthalene                | 9.36  | 128 | 563834 | 39.48 | ng | 99     |
| 32) Benzoic acid               | 9.28  | 122 | 60001  | 26.68 | ng | 95     |
| 33) 4-Chloroaniline            | 9.52  | 127 | 120549 | 21.60 | ng | # 90   |
| 34) Hexachlorobutadiene        | 9.58  | 225 | 81663  | 39.65 | ng | 99     |
| 35) Caprolactam                | 10.15 | 113 | 34313  | 30.10 | ng | # 83   |
| 36) 4-Chloro-3-methylphenol    | 10.41 | 107 | 150338 | 37.49 | ng | 93     |
| 37) 2-Methylnaphthalene        | 10.49 | 142 | 367668 | 38.10 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 10.77 | 216 | 138597 | 40.60 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 10.73 | 237 | 1336   | 12.32 | ng | 87     |

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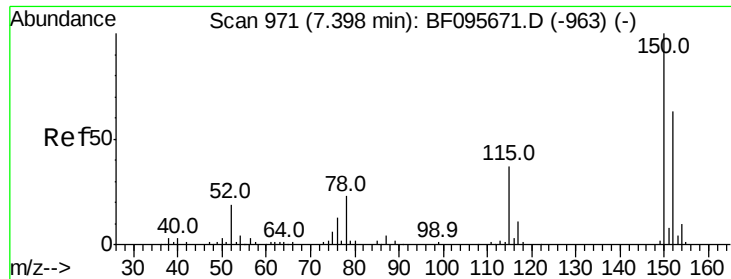
Instrument :  
 BNA\_F  
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Quant Time: Jun 21 01:16:39 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M  
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| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 11.00 | 196  | 93471    | 42.59 | nq    | 99       |
| 43) 2,4,5-Trichlorophenol      | 11.10 | 196  | 91140    | 39.04 | nq    | 95       |
| 45) 1,1'-Biphenyl              | 11.26 | 154  | 388895   | 41.37 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 11.27 | 162  | 290162   | 39.50 | nq    | 95       |
| 47) 2-Nitroaniline             | 11.50 | 65   | 86952    | 40.45 | nq    | # 78     |
| 48) Acenaphthylene             | 11.92 | 152  | 497015   | 39.57 | nq    | 98       |
| 49) Dimethylphthalate          | 11.82 | 163  | 469499   | 54.21 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 11.91 | 165  | 62133    | 32.89 | nq    | # 67     |
| 51) Acenaphthene               | 12.20 | 154  | 269597   | 37.17 | nq    | 99       |
| 52) 3-Nitroaniline             | 12.17 | 138  | 73983    | 33.62 | nq    | 91       |
| 53) 2,4-Dinitrophenol          | 12.44 | 184  | 7081     | 12.56 | nq    | # 73     |
| 54) Dibenzofuran               | 12.49 | 168  | 413836   | 40.54 | nq    | 97       |
| 55) 4-Nitrophenol              | 12.62 | 139  | 82133    | 64.85 | nq    | # 78     |
| 56) 2,4-Dinitrotoluene         | 12.59 | 165  | 81057    | 31.77 | nq    | 92       |
| 57) Fluorene                   | 13.04 | 166  | 328197   | 36.94 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 12.75 | 232  | 63328    | 39.65 | nq    | 93       |
| 59) Diethylphthalate           | 12.96 | 149  | 331563   | 39.78 | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 13.07 | 204  | 142838   | 36.97 | nq    | 89       |
| 61) 4-Nitroaniline             | 13.18 | 138  | 77997    | 37.96 | nq    | 95       |
| 62) Azobenzene                 | 13.33 | 77   | 278061   | 36.81 | nq    | 93       |
| 64) 4,6-Dinitro-2-methylphenol | 13.29 | 198  | 8326     | 7.00  | nq    | # 1      |
| 65) n-Nitrosodiphenylamine     | 13.28 | 169  | 268630   | 41.31 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 13.85 | 248  | 77627    | 41.27 | nq    | 97       |
| 67) Hexachlorobenzene          | 13.94 | 284  | 73279    | 39.54 | nq    | # 88     |
| 68) Atrazine                   | 14.21 | 200  | 68665    | 37.94 | nq    | 97       |
| 69) Pentachlorophenol          | 14.31 | 266  | 46134    | 66.83 | nq    | 95       |
| 70) Phenanthrene               | 14.58 | 178  | 652168   | 62.45 | nq    | 98       |
| 71) Anthracene                 | 14.67 | 178  | 475140   | 43.58 | nq    | 98       |
| 72) Carbazole                  | 14.97 | 167  | 400852   | 37.73 | nq    | 98       |
| 73) Di-n-butylphthalate        | 15.56 | 149  | 493907   | 43.70 | nq    | 98       |
| 74) Fluoranthene               | 16.37 | 202  | 736426   | 71.25 | nq    | 99       |
| 76) Benzidine                  | 16.60 | 184  | 202625   | 40.78 | nq    | # 92     |
| 77) Pyrene                     | 16.67 | 202  | 732983   | 75.93 | nq    | 98       |
| 79) Butylbenzylphthalate       | 17.60 | 149  | 197092   | 46.75 | nq    | 89       |
| 80) Benzo(a)anthracene         | 18.26 | 228  | 437117   | 58.11 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 18.25 | 252  | 99477    | 37.20 | nq    | # 96     |
| 82) Chrysene                   | 18.31 | 228  | 405307   | 53.92 | nq    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 18.35 | 149  | 287277   | 48.31 | nq    | # 99     |
| 84) Di-n-octyl phthalate       | 19.12 | 149  | 438302   | 44.73 | nq    | 97       |
| 85) Indeno(1,2,3-cd)pyrene     | 21.11 | 276  | 261293   | 40.63 | nq    | 99       |
| 87) Benzo(b)fluoranthene       | 19.54 | 252  | 367867   | 59.84 | nq    | 98       |
| 88) Benzo(k)fluoranthene       | 19.57 | 252  | 272248   | 46.34 | nq    | 96       |
| 89) Benzo(a)pyrene             | 19.89 | 252  | 303437   | 53.71 | nq    | 97       |
| 90) Dibenzo(a,h)anthracene     | 21.10 | 278  | 189901   | 39.62 | nq    | 96       |
| 91) Benzo(g,h,i)perylene       | 21.43 | 276  | 225530   | 46.16 | nq    | 96       |

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



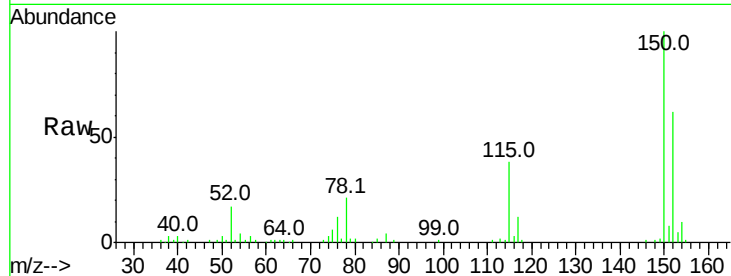


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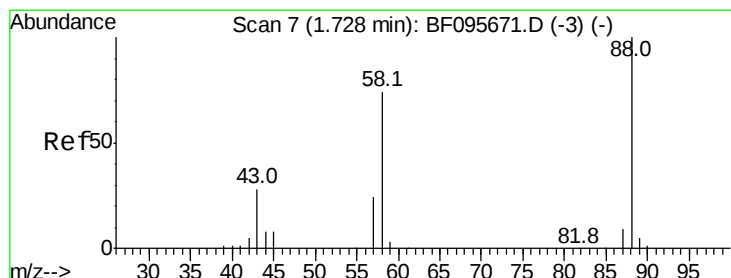
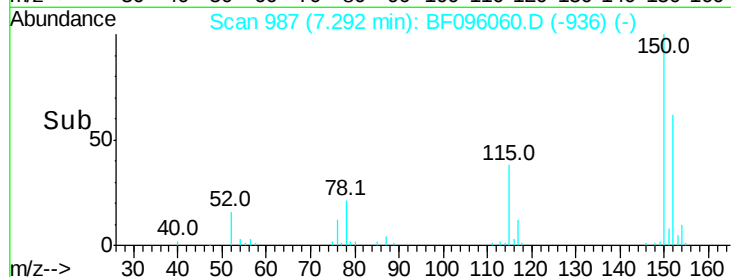
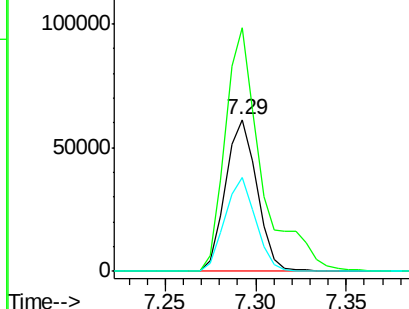
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.29 min Scan# 987  
Delta R.T. 0.00 min  
Lab File: BF096060.D  
Acq: 20 Jun 2017 23:28

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:152 Resp: 74173  
Ion Ratio Lower Upper  
152 100  
150 160.5 126.2 189.2  
115 61.7 52.2 78.2



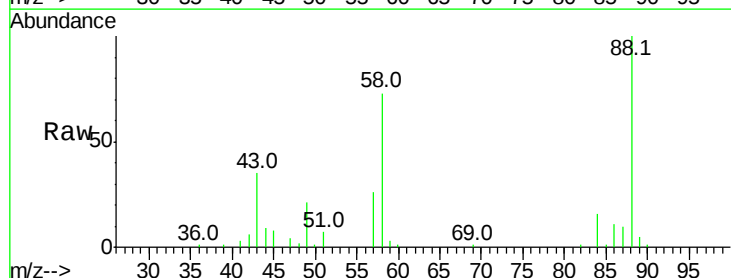
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



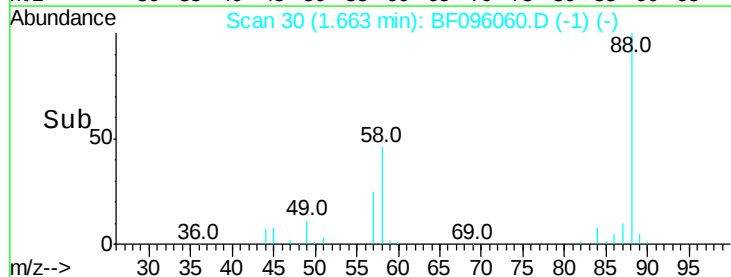
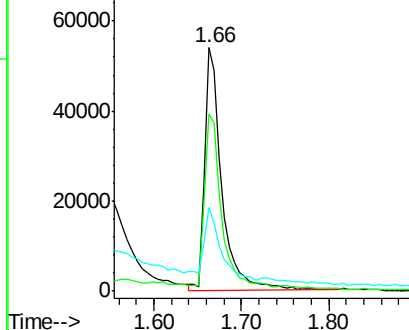
#2

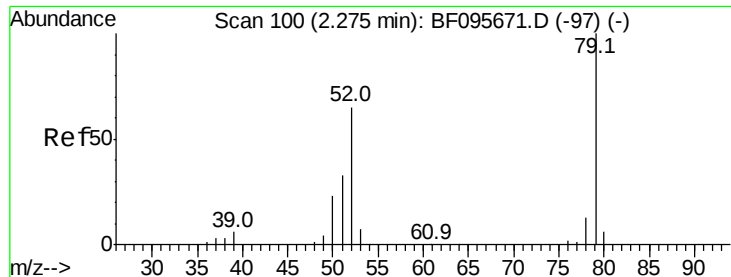
1,4-Dioxane  
Concen: 32.86 ng  
RT: 1.66 min Scan# 30  
Delta R.T. 0.05 min  
Lab File: BF096060.D  
Acq: 20 Jun 2017 23:28

Tgt Ion: 88 Resp: 72766  
Ion Ratio Lower Upper  
88 100  
58 67.6 61.4 92.0  
43 29.4 23.4 35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0  
Ion 58.00 (57.70 to 58.70): BF0  
Ion 43.00 (42.70 to 43.70): BF0

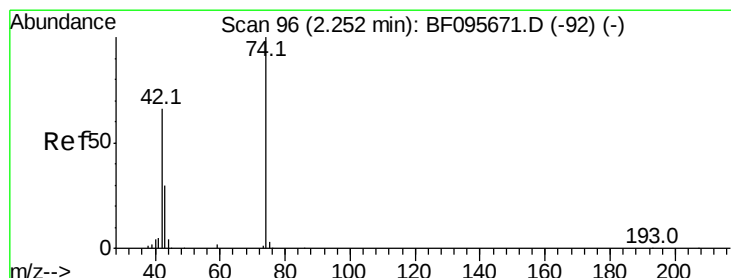
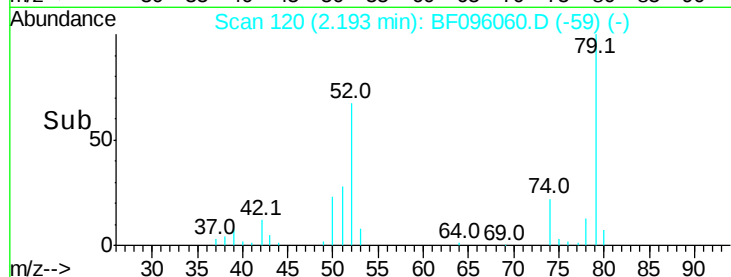
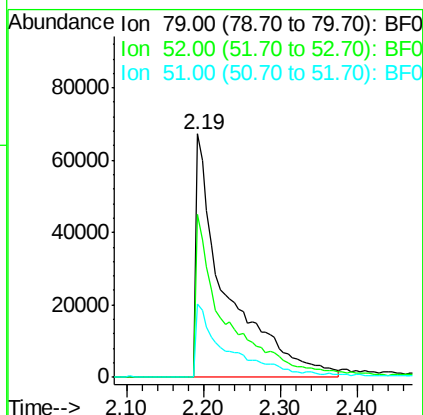
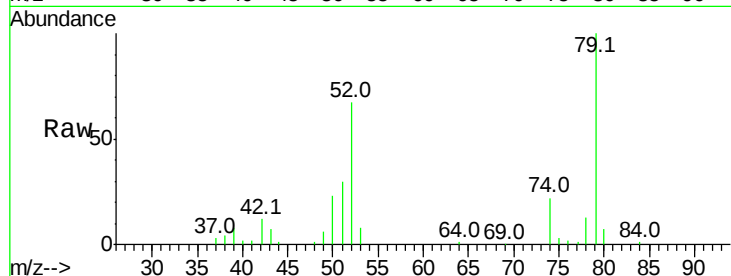




#3  
 Pvridine  
 Concen: 35.02 ng  
 RT: 2.19 min Scan# 120  
 Delta R.T. 0.06 min  
 Lab File: BF096060.D  
 Acq: 20 Jun 2017 23:28

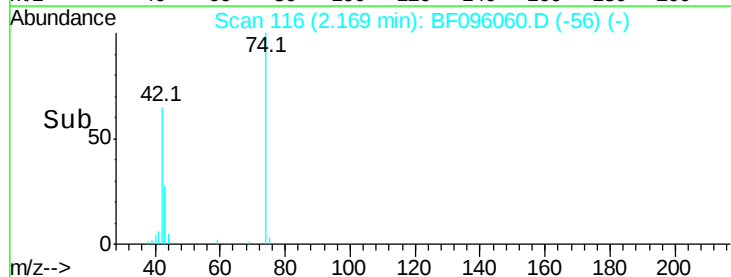
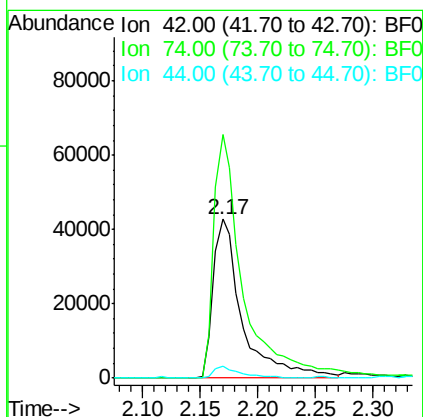
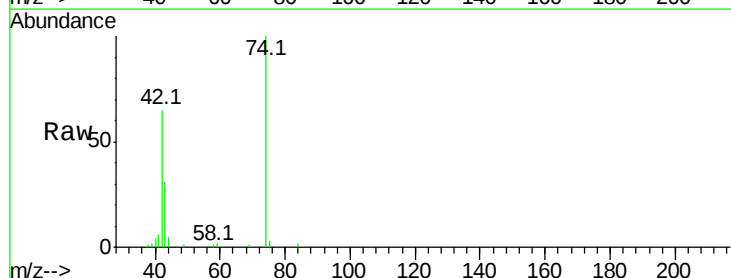
Instrument :  
 BNA\_F  
 ClientSampleId :

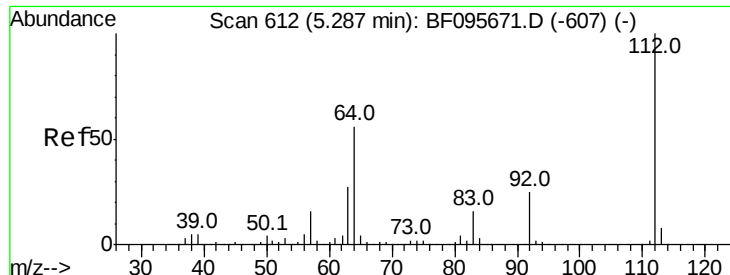
Tot Ion: 79 Resp: 182283  
 Ion Ratio Lower Upper  
 79 100  
 52 66.7 54.8 82.2  
 51 30.0 27.0 40.4



#4  
 n-Nitrosodimethylamine  
 Concen: 38.08 ng  
 RT: 2.17 min Scan# 116  
 Delta R.T. 0.05 min  
 Lab File: BF096060.D  
 Acq: 20 Jun 2017 23:28

Tgt Ion: 42 Resp: 75348  
 Ion Ratio Lower Upper  
 42 100  
 74 153.0 103.9 155.9  
 44 7.5 5.7 8.5





#5

2-Fluorophenol

Concen: 122.29 ng

RT: 5.19 min Scan# 630

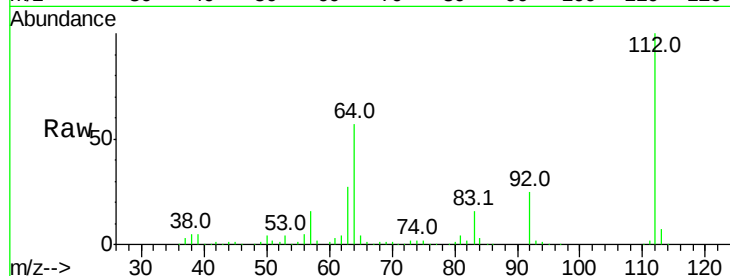
Delta R.T. 0.01 min

Lab File: BF096060.D

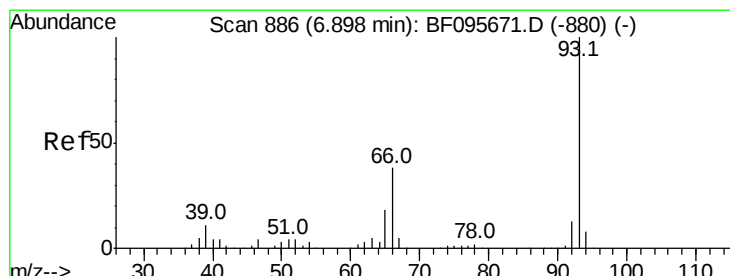
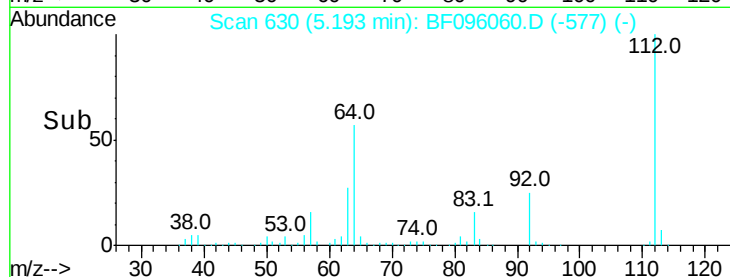
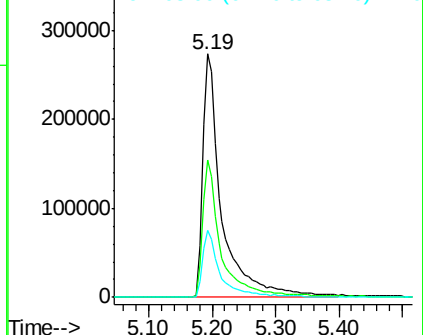
Acq: 20 Jun 2017 23:28

Instrument :  
BNA\_F  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 112   | Resp: | 569257 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 64       | 56.5  | 46.0  | 69.0   |
| 63       | 27.3  | 23.4  | 35.0   |



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 28.09 ng

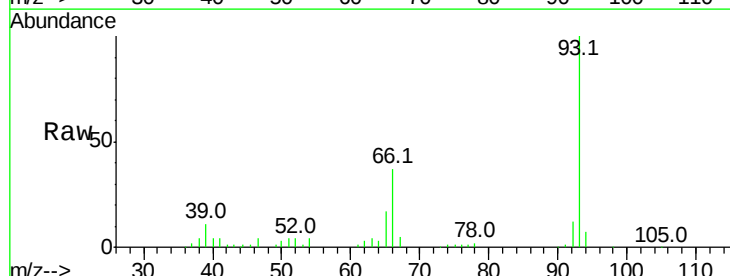
RT: 6.79 min Scan# 902

Delta R.T. 0.00 min

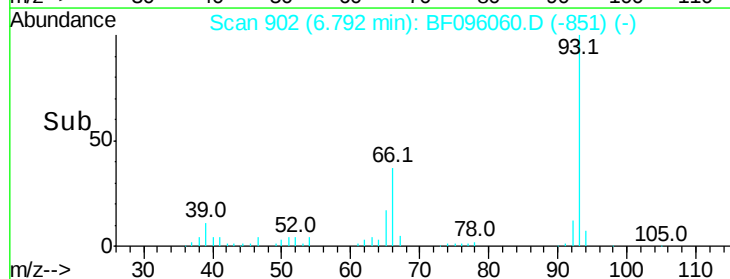
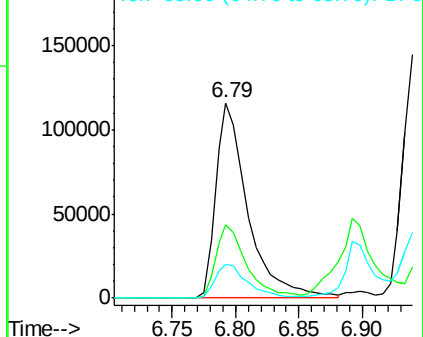
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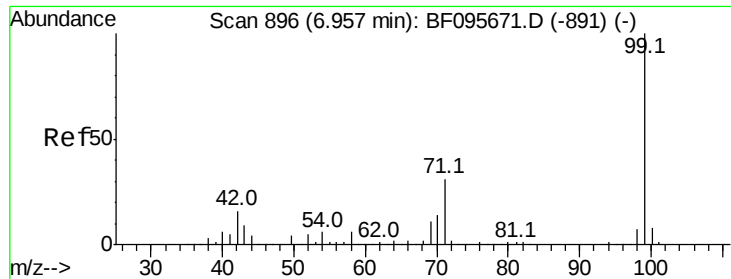
Acq: 20 Jun 2017 23:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 204770 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 66       | 37.2  | 32.9  | 49.3   |
| 65       | 17.0  | 16.0  | 24.0   |



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 115.33 ng

RT: 6.88 min Scan# 917

Delta R.T. 0.01 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

Instrument :

BNA\_F

ClientSampled :

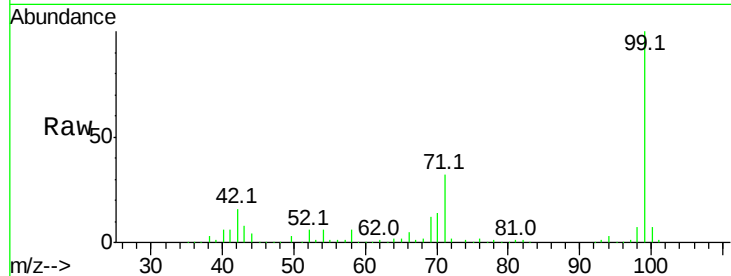
Tot Ion: 99 Resp: 642705

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

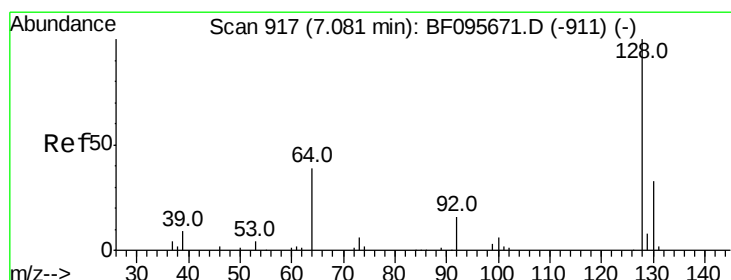
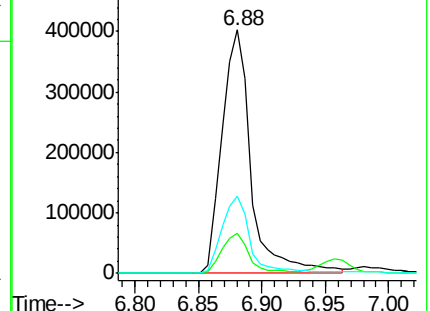
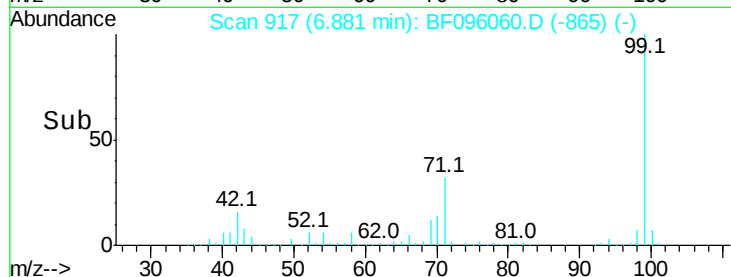
71 31.9 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.34 ng

RT: 6.99 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

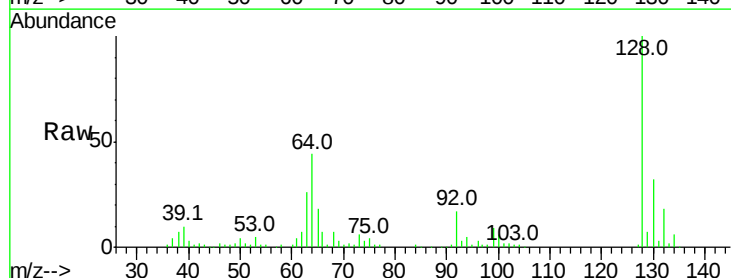
Tgt Ion:128 Resp: 199671

Ion Ratio Lower Upper

128 100

130 32.2 12.9 52.9

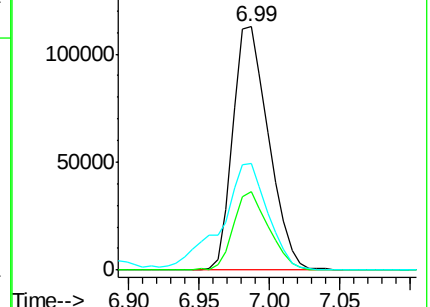
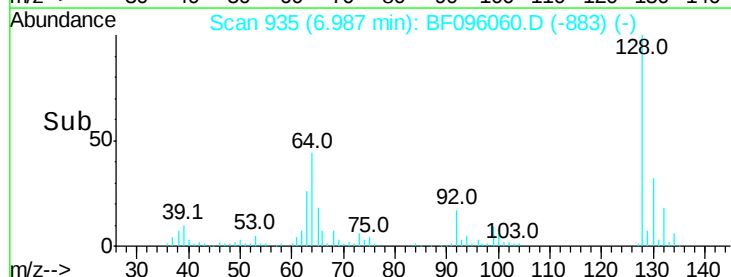
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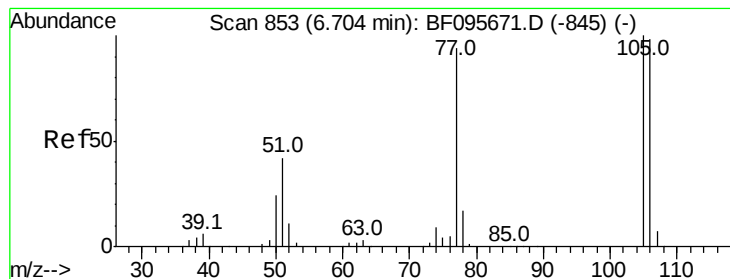


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 29.80 ng

RT: 6.59 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

Instrument :

BNA\_F

ClientSampleId :

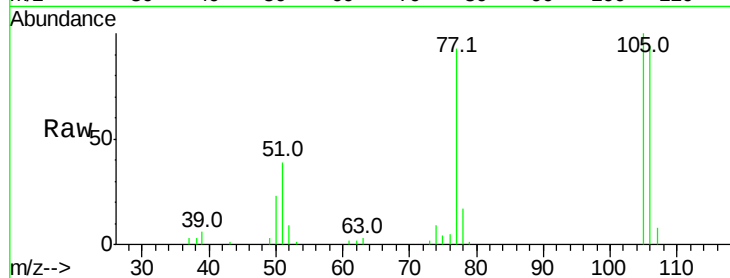
Tot Ion: 77 Resp: 112029

Ion Ratio Lower Upper

77 100

105 107.1 83.8 123.8

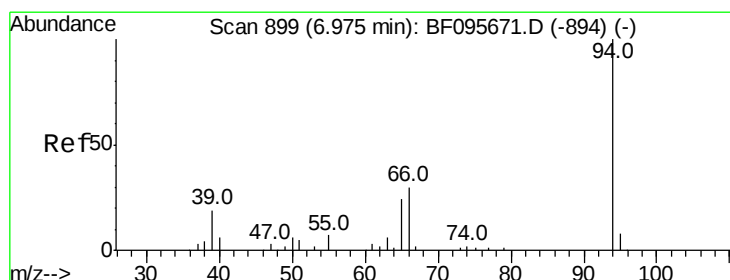
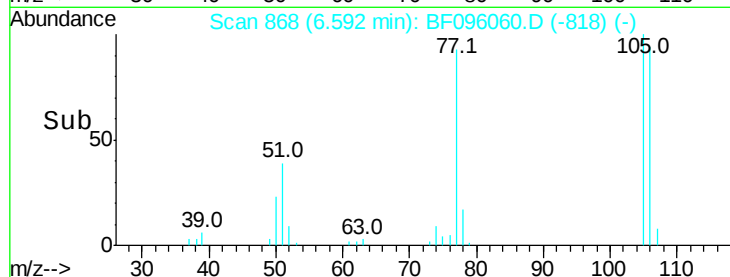
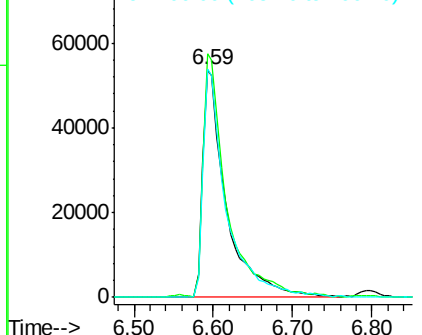
106 100.5 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 43.74 ng

RT: 6.90 min Scan# 920

Delta R.T. 0.01 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

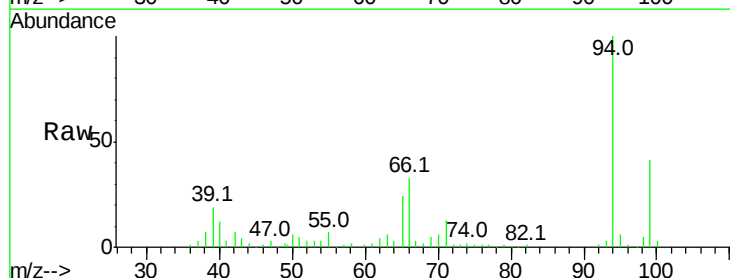
Tgt Ion: 94 Resp: 252868

Ion Ratio Lower Upper

94 100

65 23.6 9.9 49.9

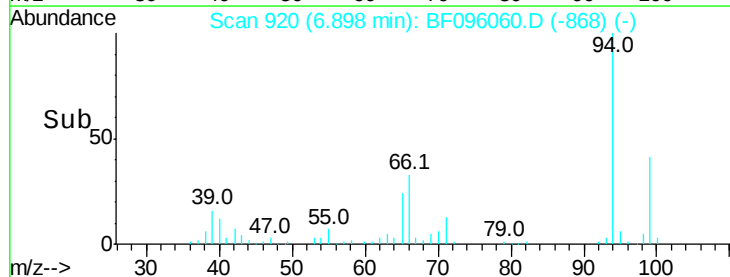
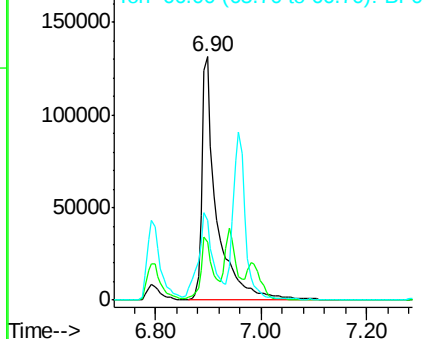
66 32.6 23.1 63.1

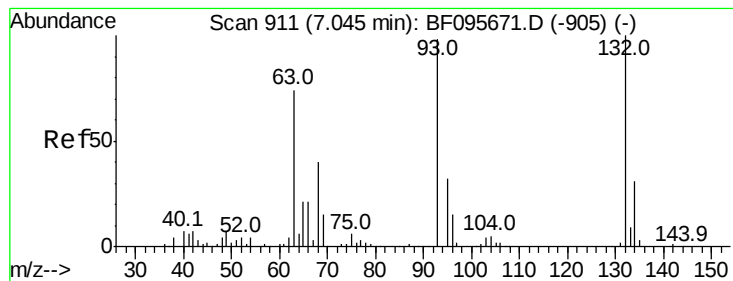


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

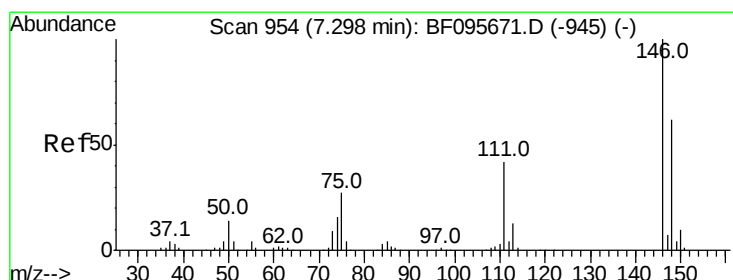
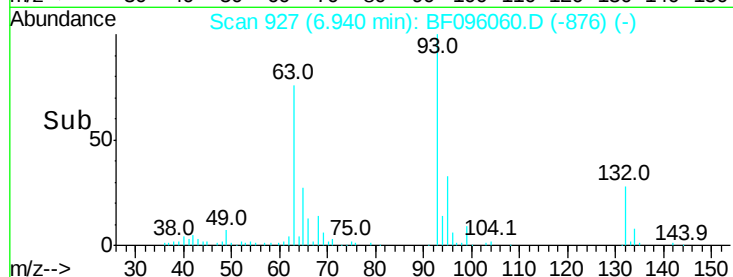
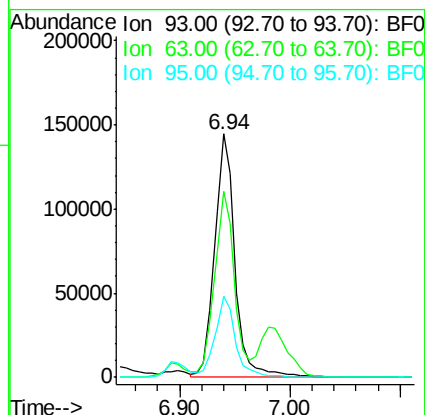
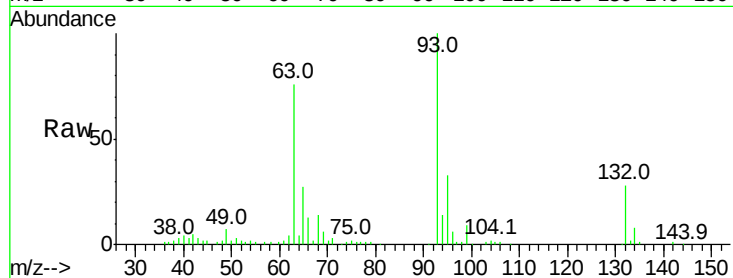




#11  
 bis(2-Chloroethyl)ether  
 Concen: 39.61 ng  
 RT: 6.94 min Scan# 927  
 Delta R.T. 0.00 min  
 Lab File: BF096060.D  
 Acq: 20 Jun 2017 23:28

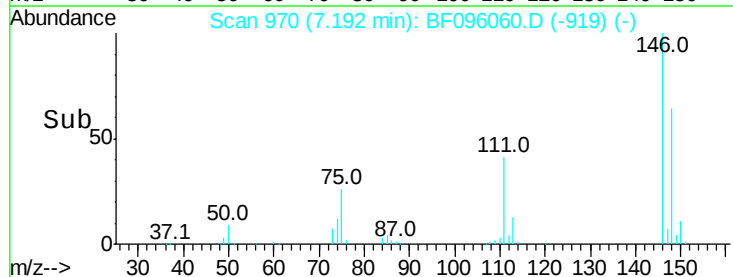
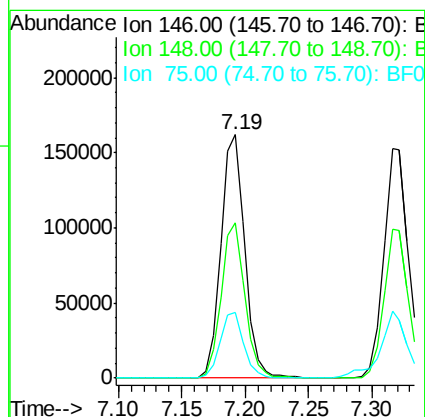
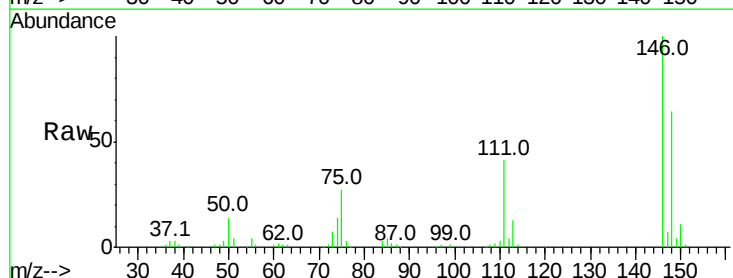
Instrument :  
 BNA\_F  
 ClientSampleId :

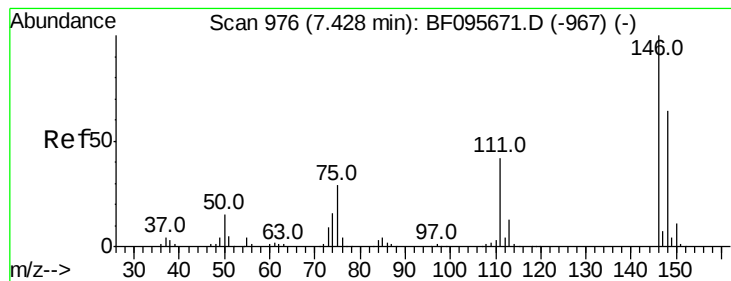
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 76.4  | 59.2  | 99.2  |
| 95      | 33.4  | 12.8  | 52.8  |



#12  
 1,3-Dichlorobenzene  
 Concen: 37.93 ng  
 RT: 7.19 min Scan# 970  
 Delta R.T. 0.00 min  
 Lab File: BF096060.D  
 Acq: 20 Jun 2017 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.6  | 51.8  | 77.6  |
| 75      | 26.9  | 23.1  | 34.7  |





#13

1,4-Dichlorobenzene

Concen: 37.94 ng

RT: 7.32 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

Instrument :

BNA\_F

ClientSampleId :

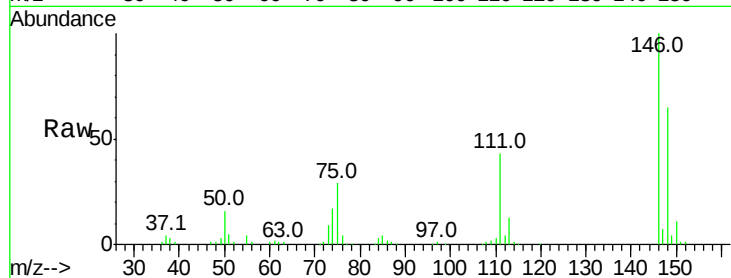
Tot Ion:146 Resp: 215549

Ion Ratio Lower Upper

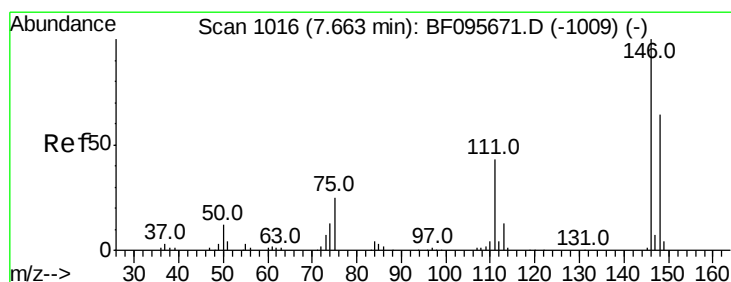
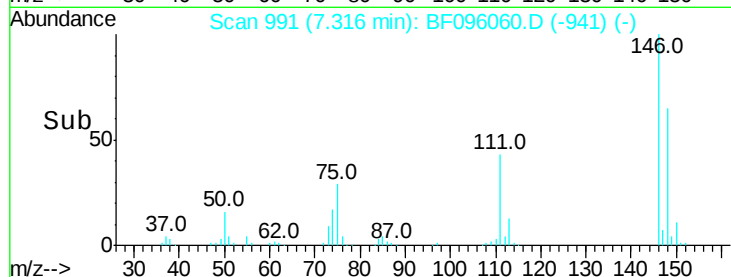
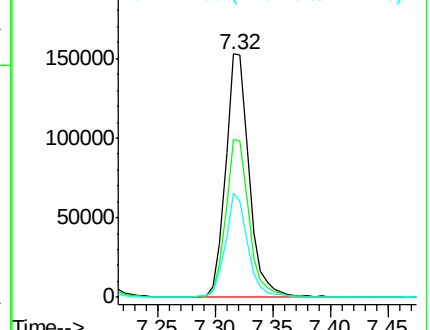
146 100

148 64.7 52.2 78.2

111 42.5 30.3 45.5



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: 39.27 ng

RT: 7.55 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

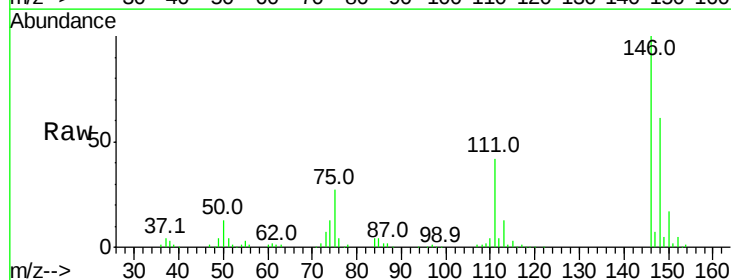
Tgt Ion:146 Resp: 205649

Ion Ratio Lower Upper

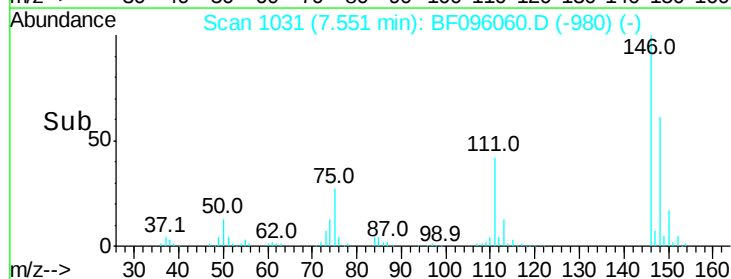
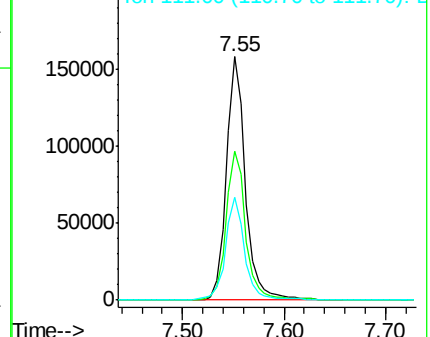
146 100

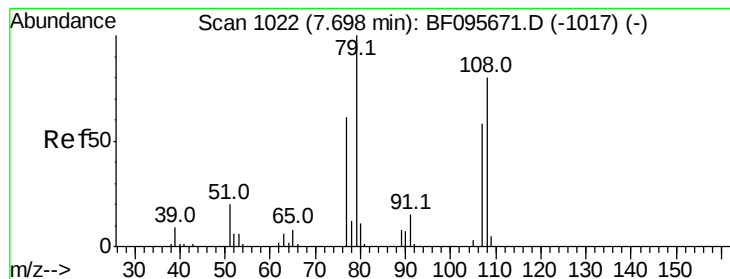
148 61.1 50.4 75.6

111 42.2 38.2 57.4



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: 39.65 ng

RT: 7.60 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

Instrument :  
BNA\_F  
ClientSampled :

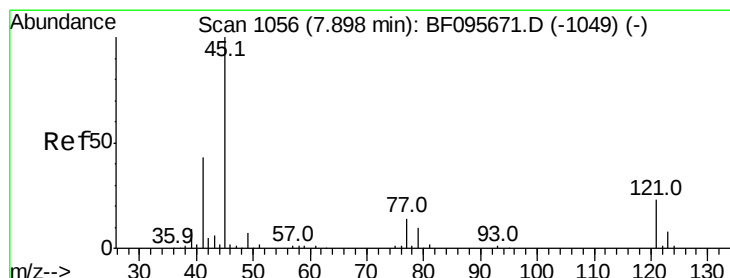
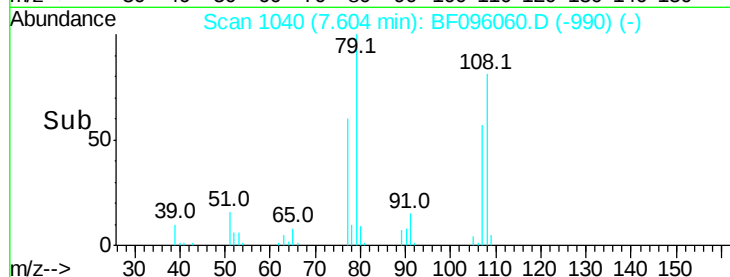
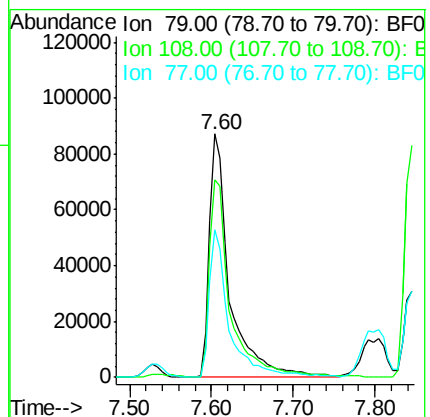
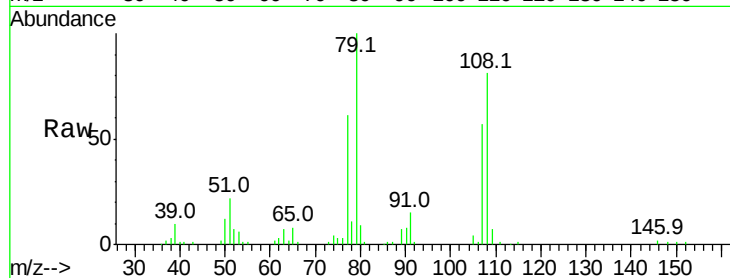
Tot Ion: 79 Resp: 151652

Ion Ratio Lower Upper

79 100

108 81.0 63.4 95.0

77 60.8 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.36 ng

RT: 7.79 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

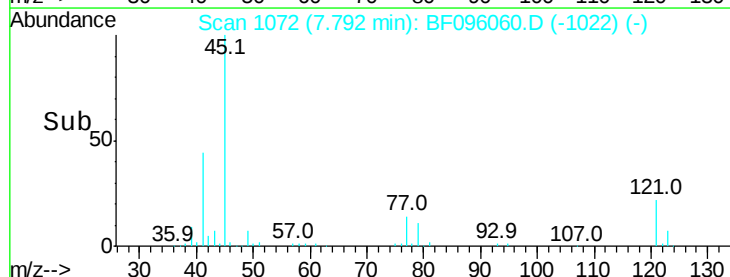
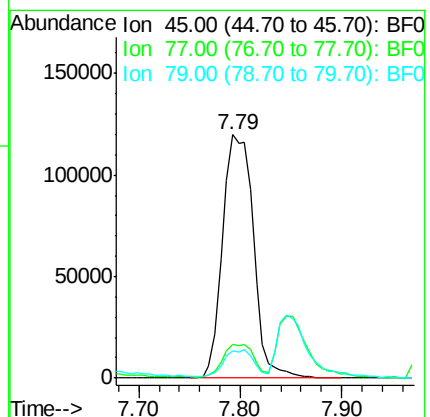
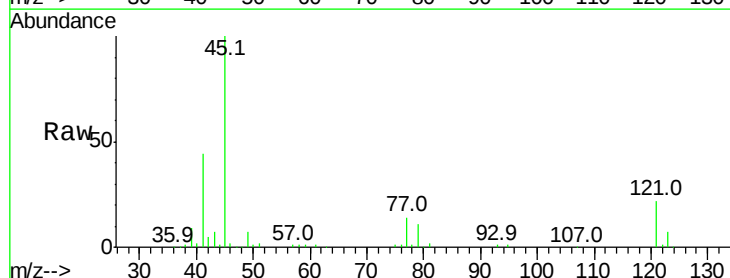
Tgt Ion: 45 Resp: 253255

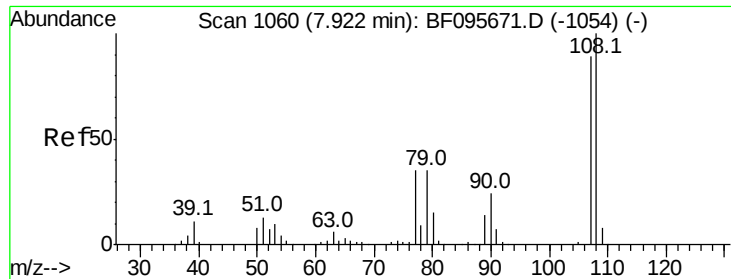
Ion Ratio Lower Upper

45 100

77 13.9 0.0 33.2

79 11.3 0.0 30.0

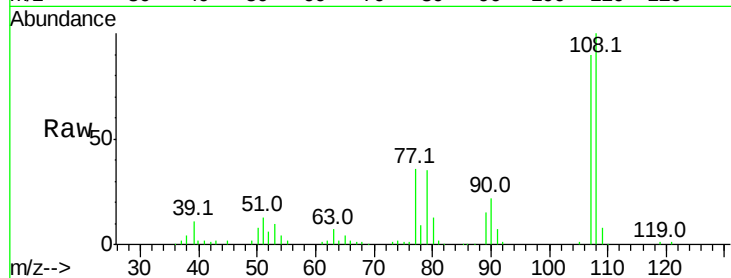




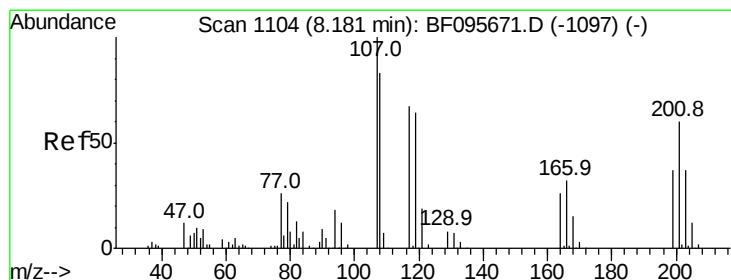
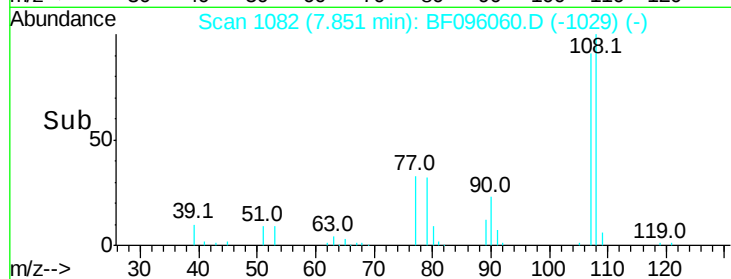
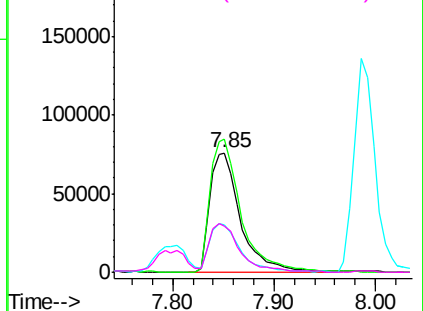
#17  
2-Methylphenol  
Concen: 38.43 ng  
RT: 7.85 min Scan# 1082  
Delta R.T. 0.01 min  
Lab File: BF096060.D  
Acq: 20 Jun 2017 23:28

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 111.1 | 93.4  | 140.0 |
| 77      | 40.0  | 35.8  | 53.6  |
| 79      | 38.4  | 34.8  | 52.2  |

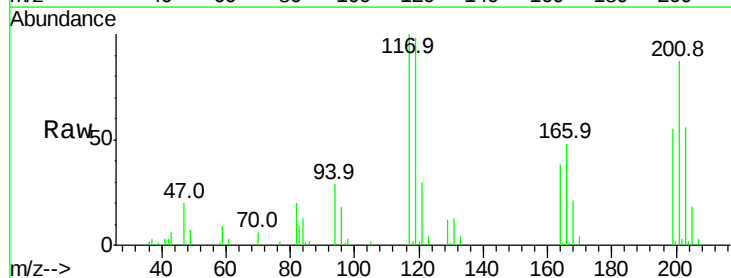


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0

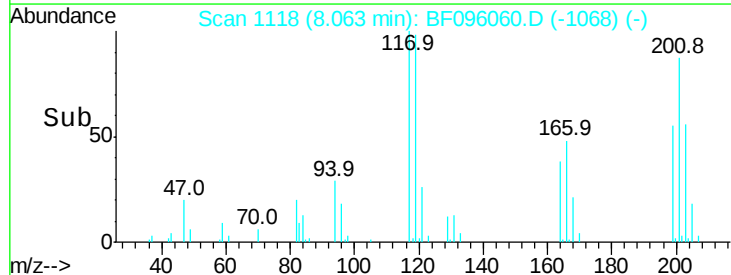
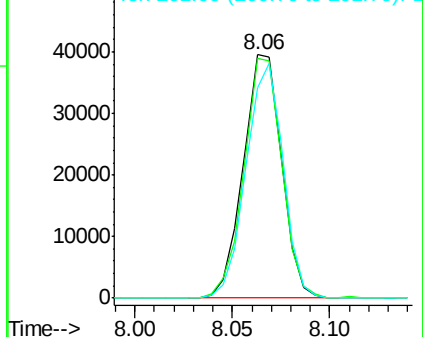


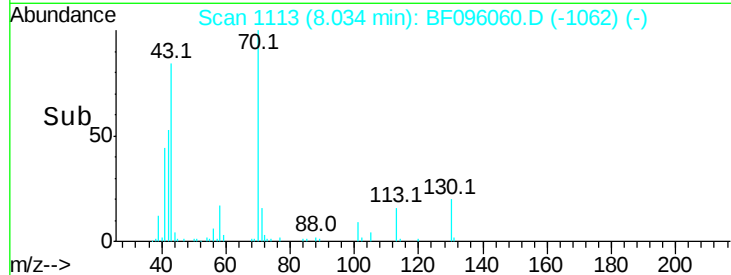
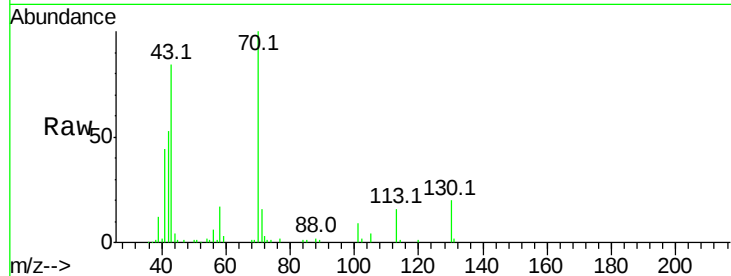
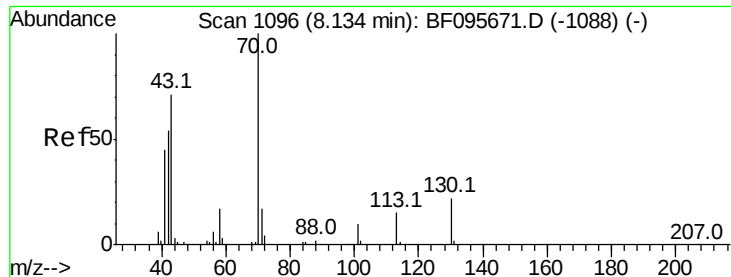
#18  
Hexachloroethane  
Concen: 28.78 ng  
RT: 8.06 min Scan# 1118  
Delta R.T. -0.01 min  
Lab File: BF096060.D  
Acq: 20 Jun 2017 23:28

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 117     | 100   |       |        |
| 119     | 98.3  | 77.4  | 116.0  |
| 201     | 86.5  | 94.6  | 141.8# |



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

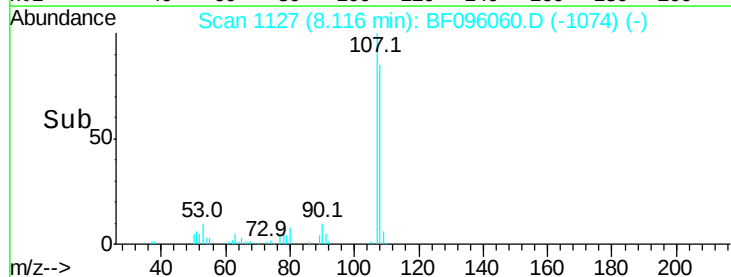
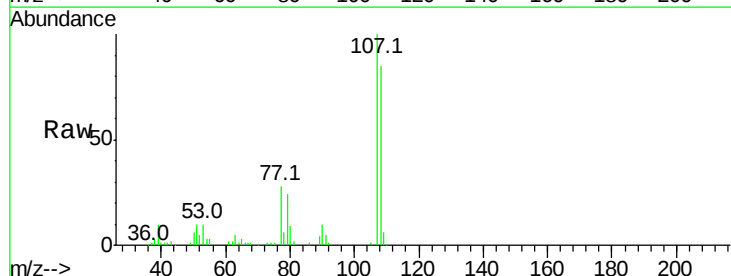
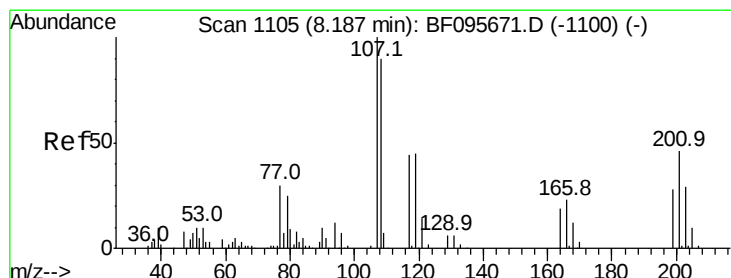
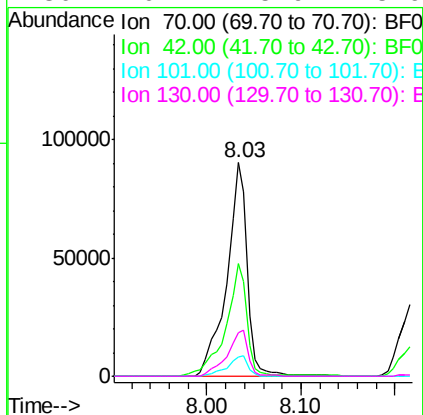




#19  
n-Nitroso-di-n-propylamine  
Concen: 38.69 ng  
RT: 8.03 min Scan# 1113  
Delta R.T. 0.00 min  
Lab File: BF096060.D  
Acq: 20 Jun 2017 23:28

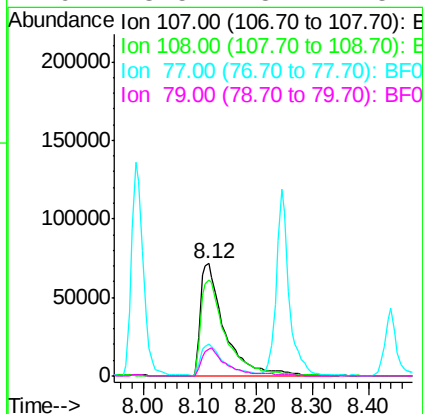
Instrument :  
BNA\_F  
ClientSampleId :

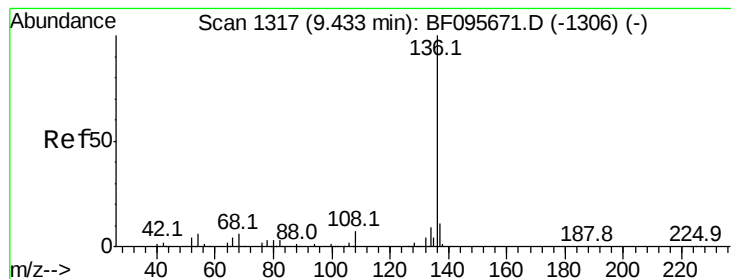
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 136624 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 52.8  | 47.2  | 70.8   |
| 101      | 9.1   | 7.2   | 10.8   |
| 130      | 20.4  | 15.9  | 23.9   |



#20  
3+4-Methylphenols  
Concen: 40.59 ng  
RT: 8.12 min Scan# 1127  
Delta R.T. 0.01 min  
Lab File: BF096060.D  
Acq: 20 Jun 2017 23:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 213984 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 85.0  | 71.0  | 111.0  |
| 77       | 28.0  | 90.5  | 130.5# |
| 79       | 23.5  | 8.4   | 48.4   |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.33 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:136 Resp: 284566

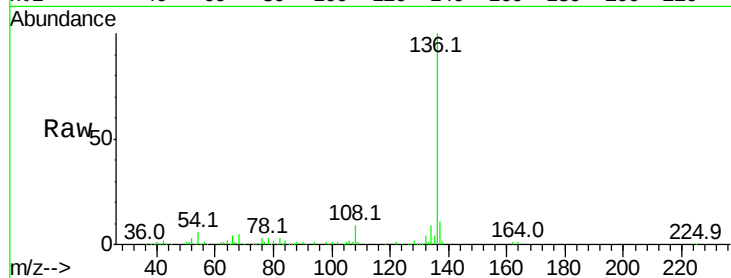
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.3 4.9 7.3

68 5.4 4.1 6.1

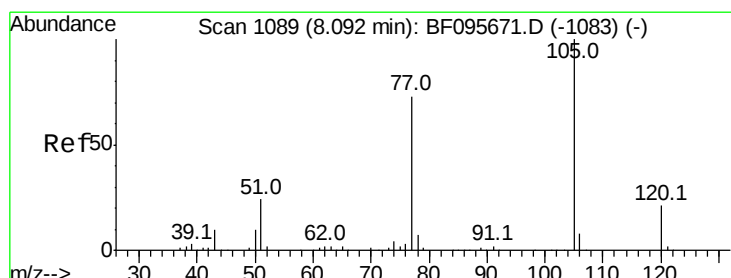
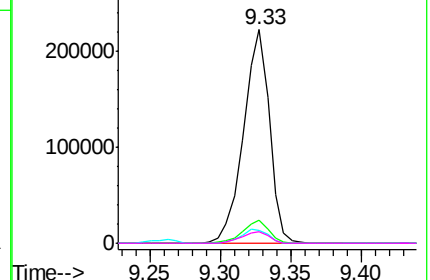
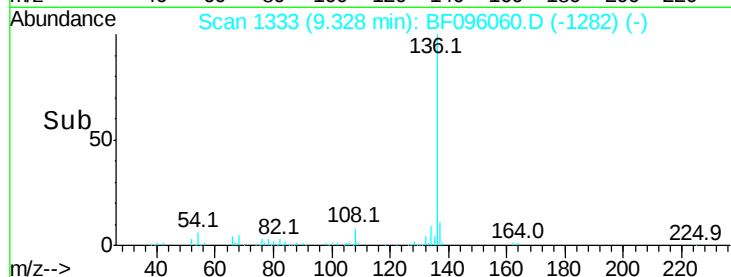


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.07 ng

RT: 7.99 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

Tgt Ion:105 Resp: 273571

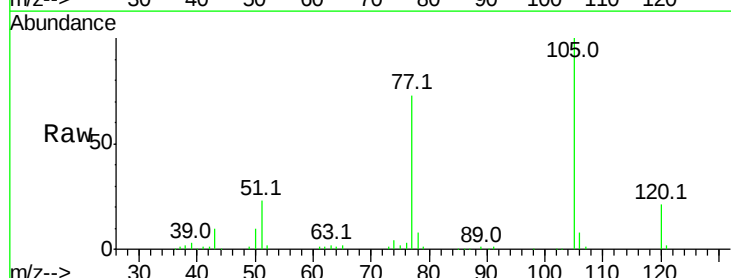
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 22.8 30.7 46.1#

120 20.6 17.4 26.0

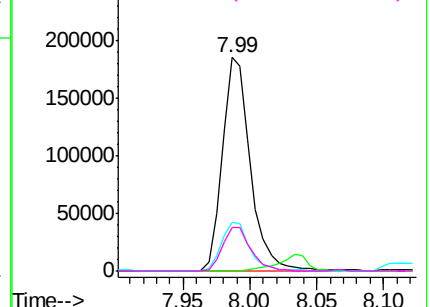
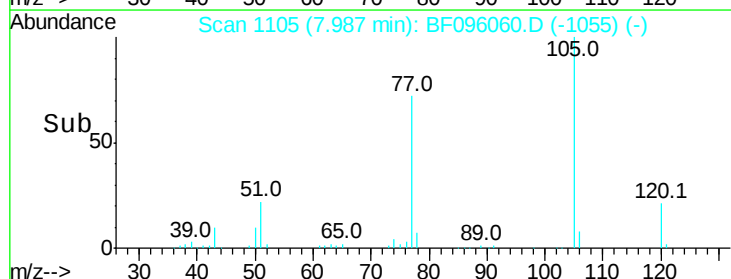


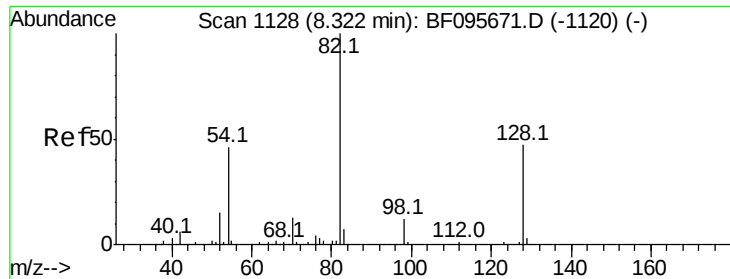
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



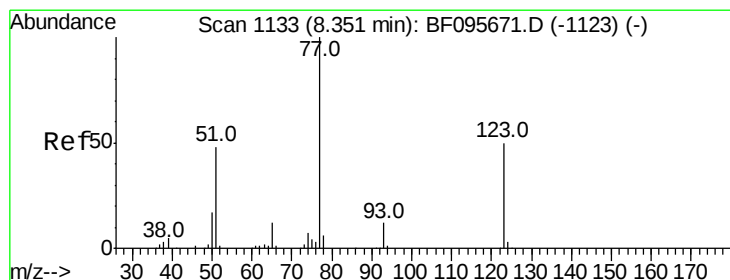
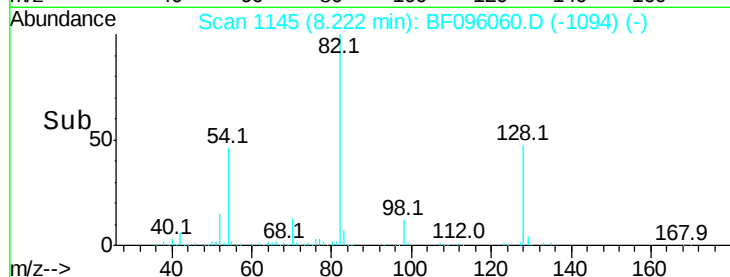
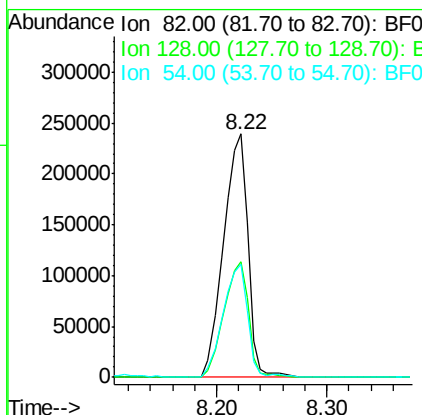
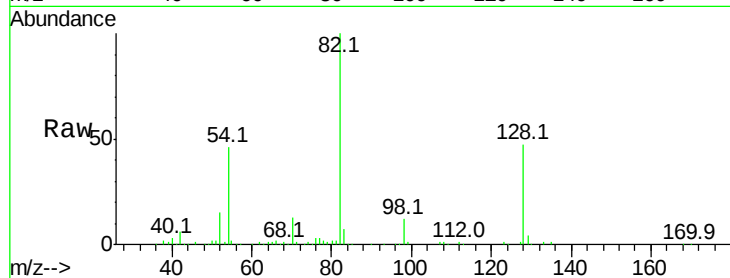


#23  
 Nitrobenzene-d5  
 Concen: 81.21 ng  
 RT: 8.22 min Scan# 1145  
 Delta R.T. 0.00 min  
 Lab File: BF096060.D  
 Acq: 20 Jun 2017 23:28

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion: 82 Resp: 372090  

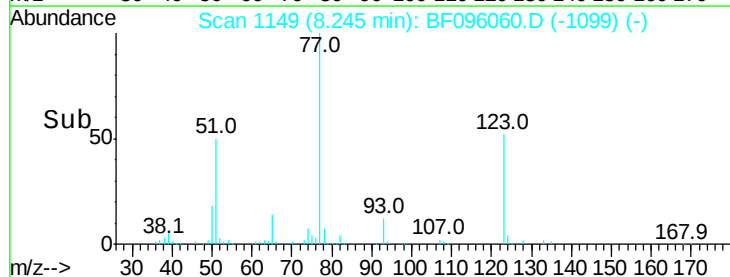
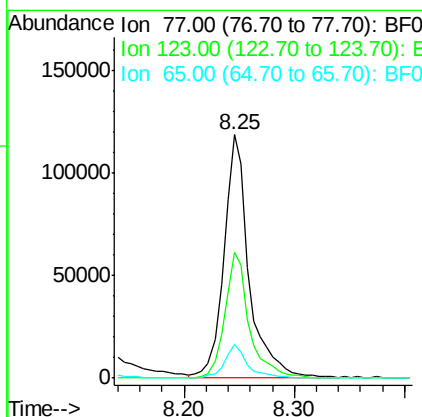
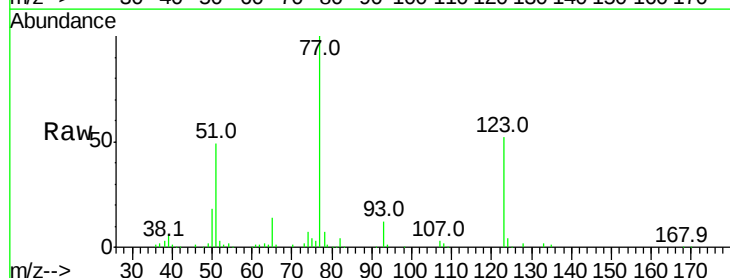
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 47.5  | 34.0  | 51.0  |
| 54  | 46.4  | 42.2  | 63.2  |

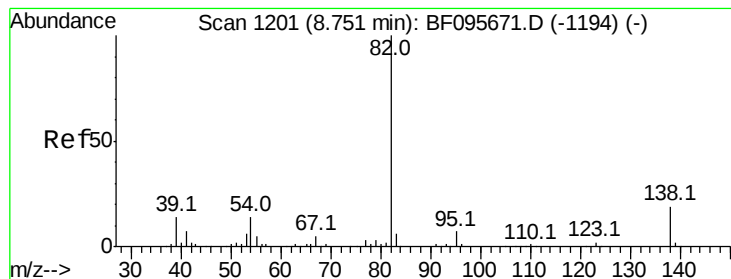


#24  
 Nitrobenzene  
 Concen: 37.96 ng  
 RT: 8.25 min Scan# 1149  
 Delta R.T. -0.01 min  
 Lab File: BF096060.D  
 Acq: 20 Jun 2017 23:28

Tgt Ion: 77 Resp: 185797  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 51.7  | 35.8  | 53.8  |
| 65  | 13.6  | 10.6  | 15.8  |





#25

Isophorone

Concen: 38.97 ng

RT: 8.65 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

Instrument :

BNA\_F

ClientSampled :

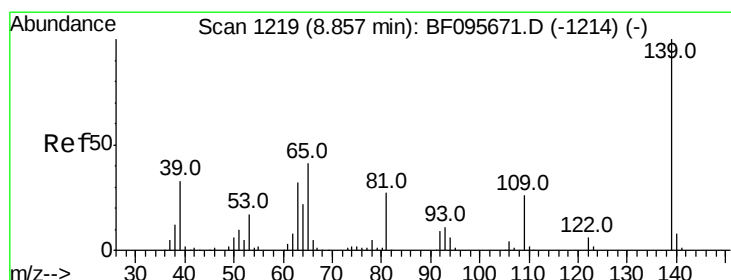
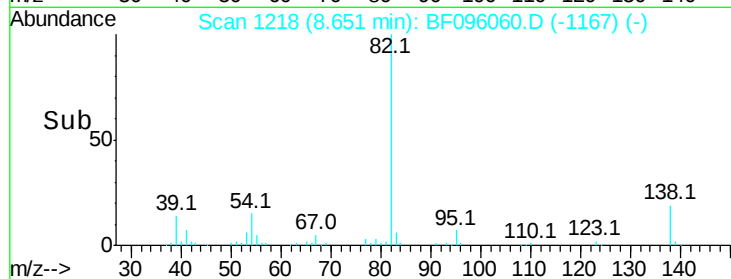
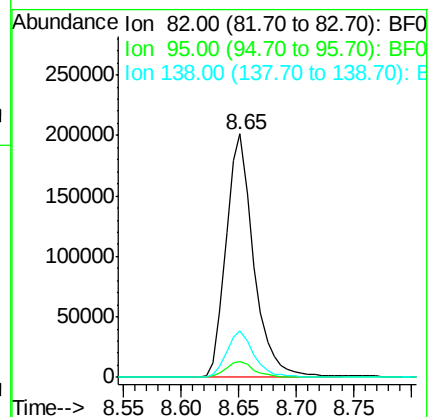
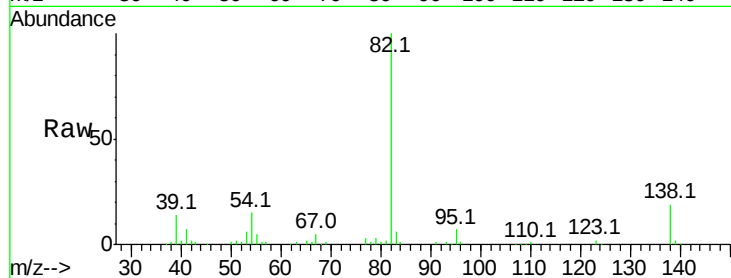
Tot Ion: 82 Resp: 333448

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 18.9 13.1 19.7



#26

2-Nitrophenol

Concen: 35.83 ng

RT: 8.76 min Scan# 1236

Delta R.T. 0.00 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

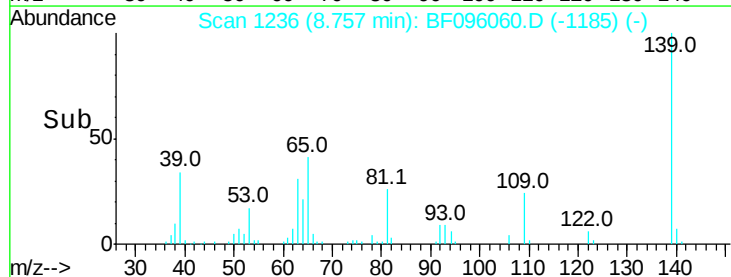
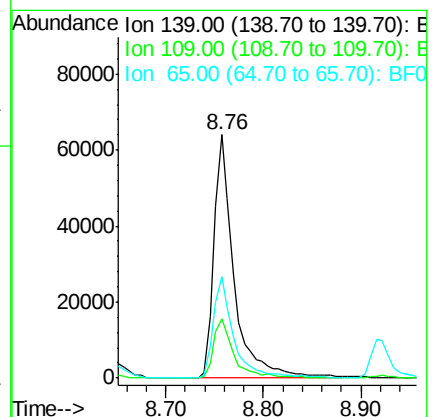
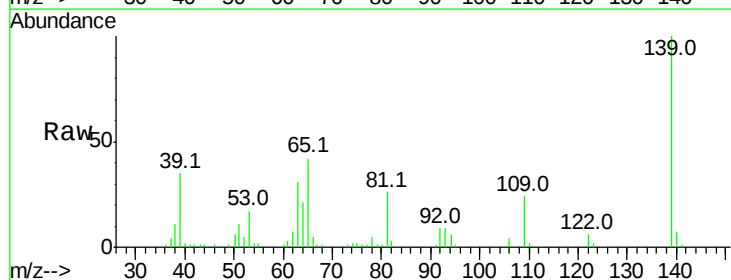
Tgt Ion:139 Resp: 91835

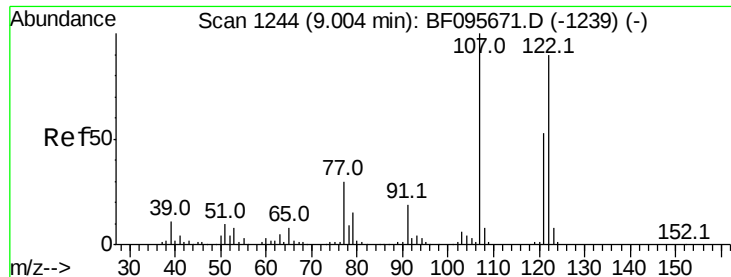
Ion Ratio Lower Upper

139 100

109 24.4 21.0 31.6

65 41.5 33.0 49.6

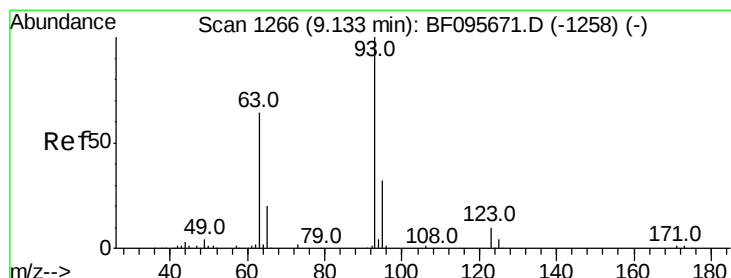
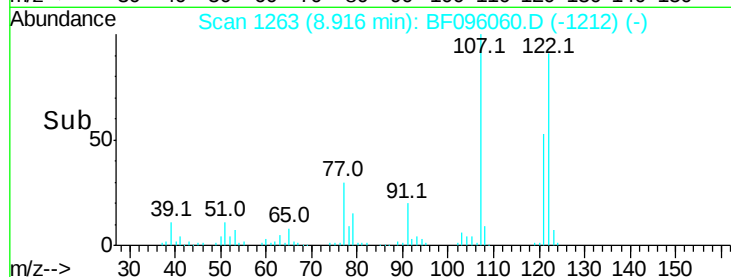
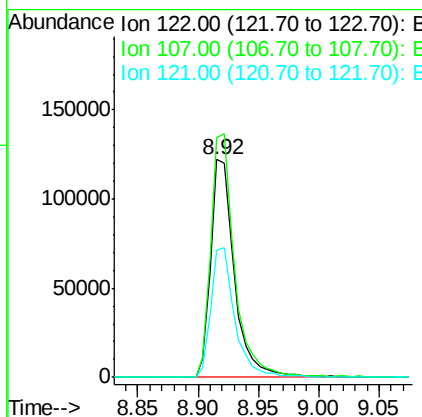
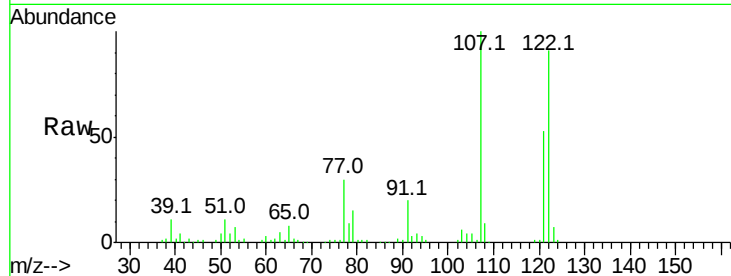




#27  
 2,4-Dimethylphenol  
 Concen: 41.72 ng  
 RT: 8.92 min Scan# 1263  
 Delta R.T. 0.00 min  
 Lab File: BF096060.D  
 Acq: 20 Jun 2017 23:28

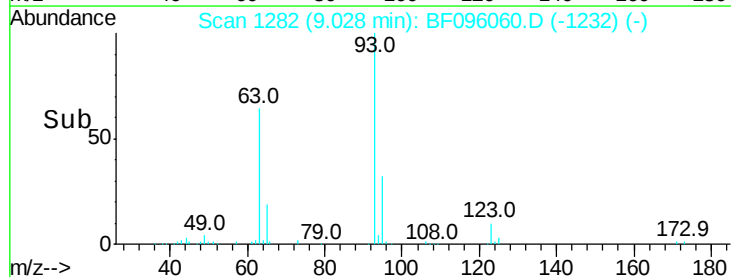
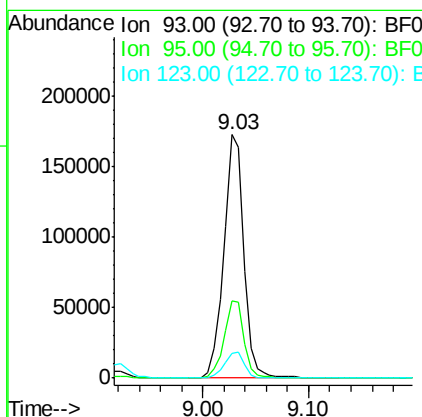
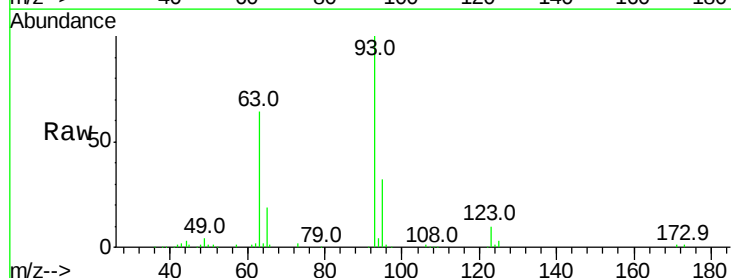
Instrument :  
 BNA\_F  
 ClientSampleId :

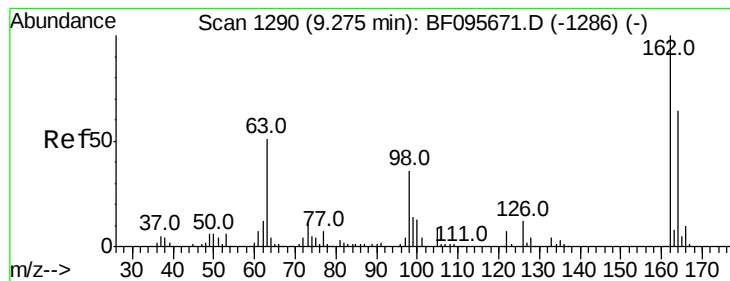
Tot Ion:122 Resp: 165938  
 Ion Ratio Lower Upper  
 122 100  
 107 109.8 89.2 133.8  
 121 58.3 45.2 67.8



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 40.16 ng  
 RT: 9.03 min Scan# 1282  
 Delta R.T. -0.01 min  
 Lab File: BF096060.D  
 Acq: 20 Jun 2017 23:28

Tgt Ion: 93 Resp: 226483  
 Ion Ratio Lower Upper  
 93 100  
 95 31.8 26.5 39.7  
 123 10.4 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 40.16 ng

RT: 9.20 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

Instrument :

BNA\_F

ClientSampleId :

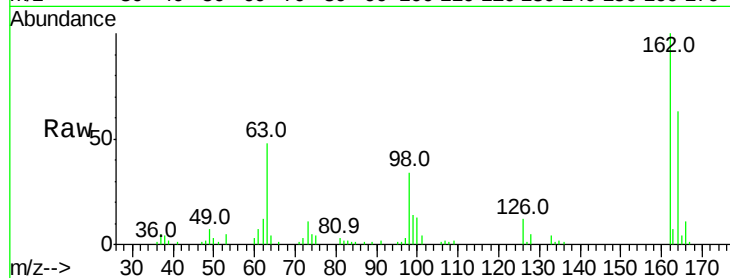
Tot Ion:162 Resp: 153850

Ion Ratio Lower Upper

162 100

164 63.2 44.6 84.6

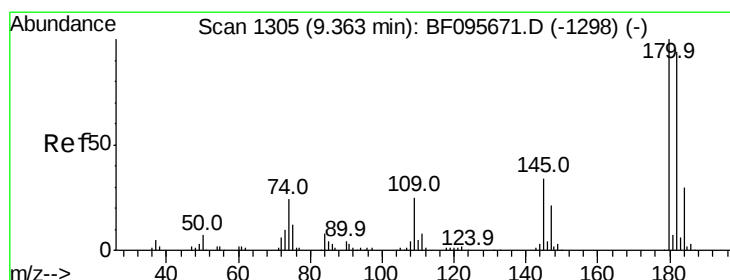
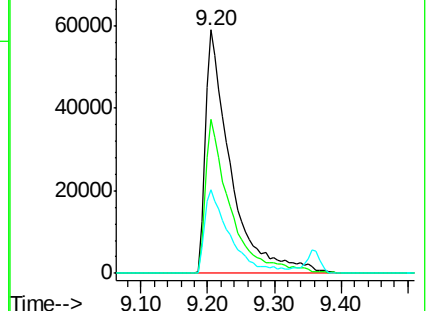
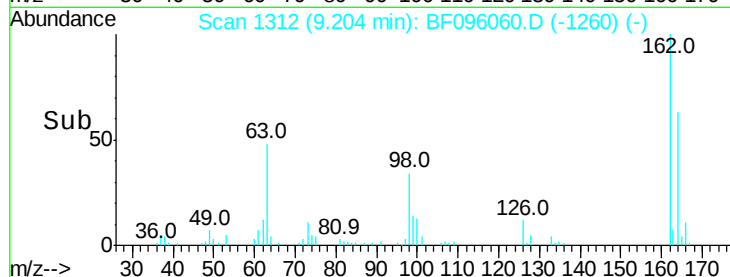
98 34.1 14.8 54.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 38.87 ng

RT: 9.26 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

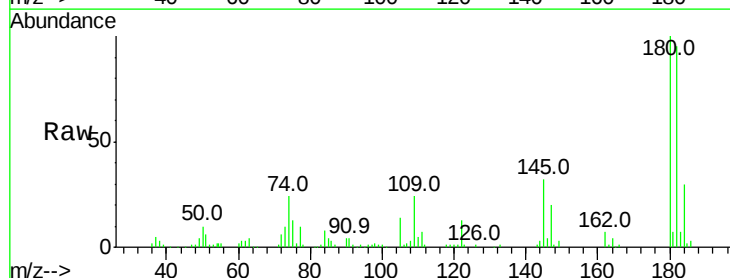
Tgt Ion:180 Resp: 154930

Ion Ratio Lower Upper

180 100

182 94.5 75.8 113.6

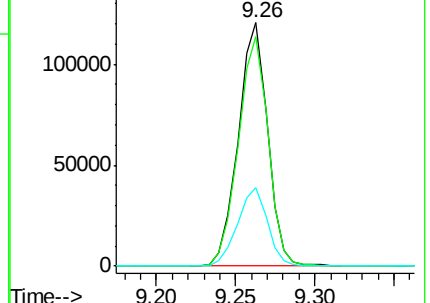
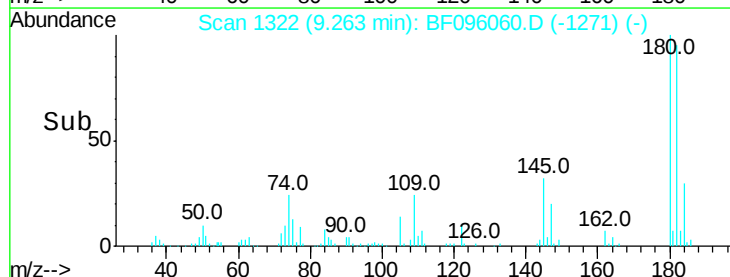
145 32.4 25.3 37.9

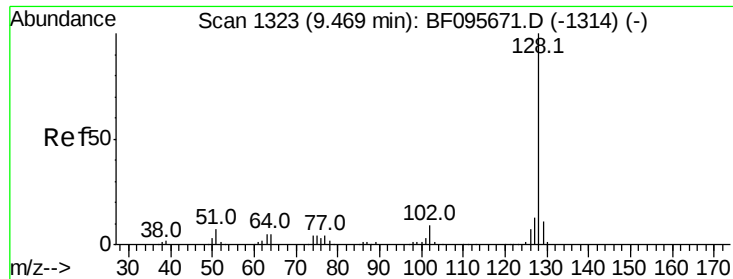


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

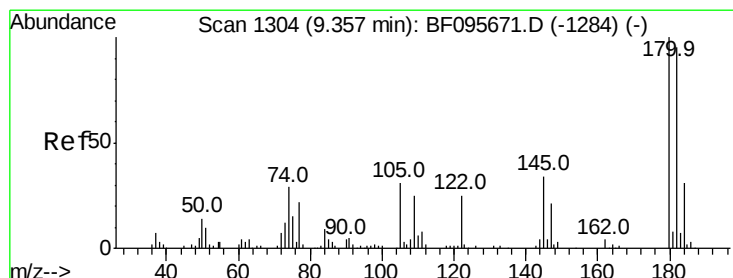
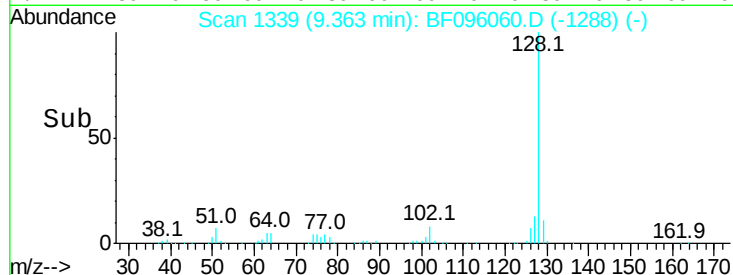
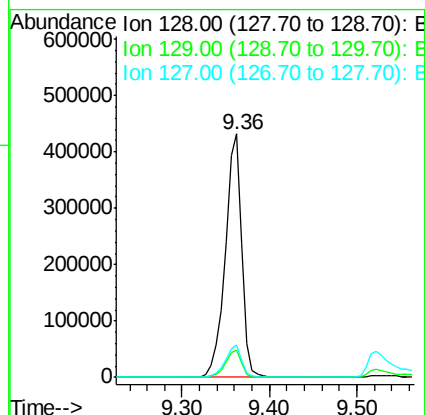
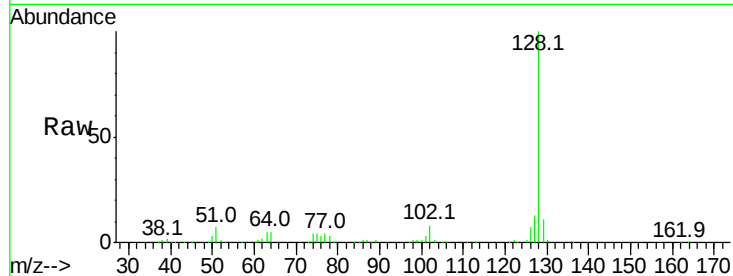




#31  
Naphthalene  
Concen: 39.48 ng  
RT: 9.36 min Scan# 1339  
Delta R.T. 0.00 min  
Lab File: BF096060.D  
Acq: 20 Jun 2017 23:28

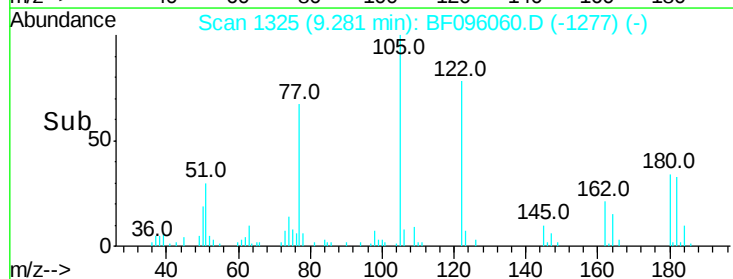
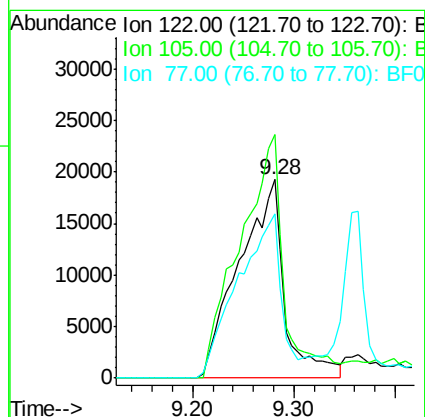
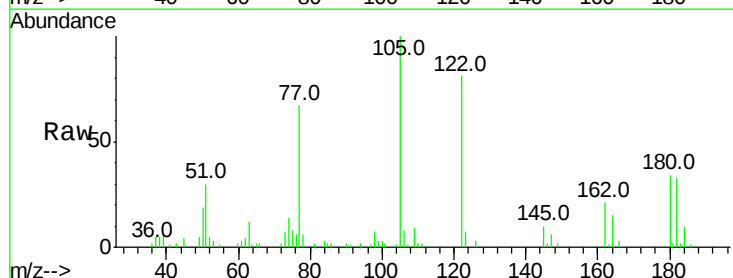
Instrument :  
BNA\_F  
ClientSampled :

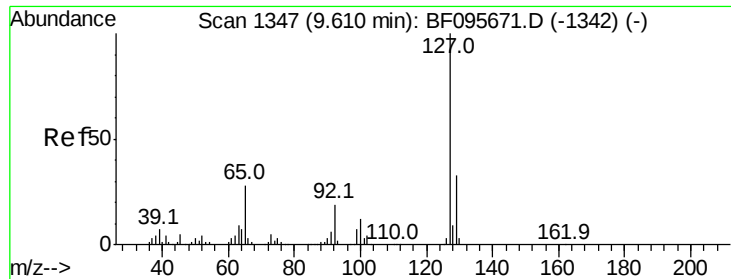
Tot Ion:128 Resp: 563834  
Ion Ratio Lower Upper  
128 100  
129 11.0 9.0 13.6  
127 13.1 10.8 16.2



#32  
Benzoic acid  
Concen: 26.68 ng  
RT: 9.28 min Scan# 1325  
Delta R.T. -0.02 min  
Lab File: BF096060.D  
Acq: 20 Jun 2017 23:28

Tgt Ion:122 Resp: 60001  
Ion Ratio Lower Upper  
122 100  
105 122.8 103.3 143.3  
77 82.9 73.7 113.7

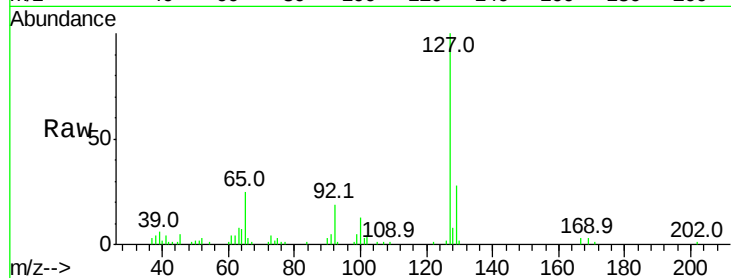




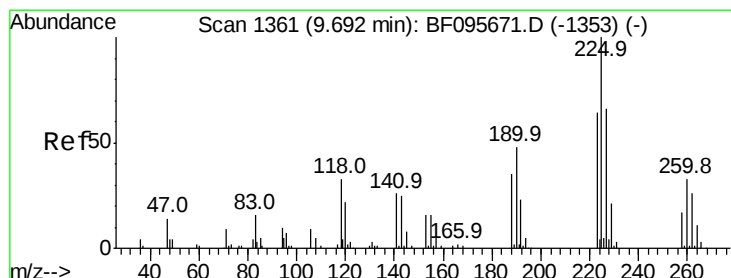
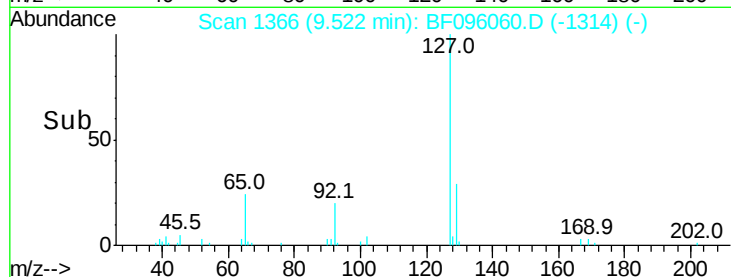
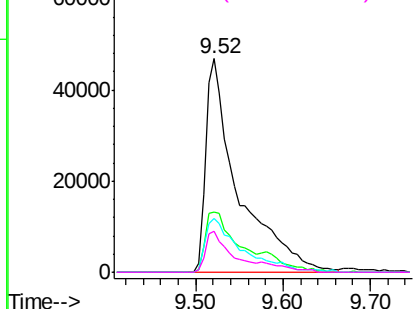
#33  
4-Chloroaniline  
Concen: 21.60 ng  
RT: 9.52 min Scan# 1366  
Delta R.T. 0.01 min  
Lab File: BF096060.D  
Acq: 20 Jun 2017 23:28

Instrument :  
BNA\_F  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 120549 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 28.4  | 26.2  | 39.2   |
| 65       | 24.9  | 27.8  | 41.8#  |
| 92       | 19.3  | 16.8  | 25.2   |

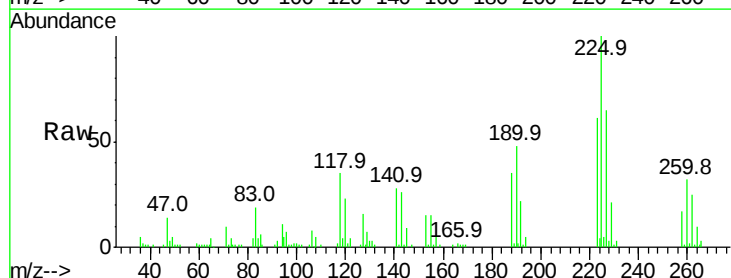


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

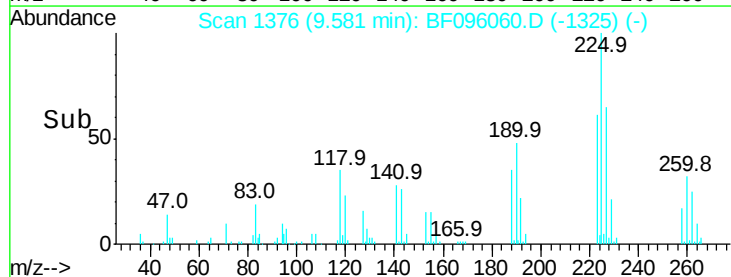
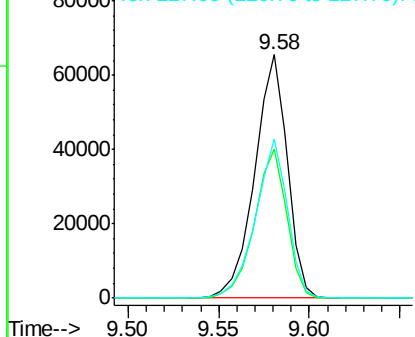


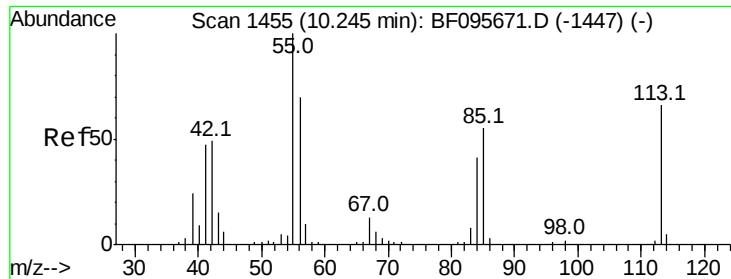
#34  
Hexachlorobutadiene  
Concen: 39.65 ng  
RT: 9.58 min Scan# 1376  
Delta R.T. 0.00 min  
Lab File: BF096060.D  
Acq: 20 Jun 2017 23:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 81663 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 60.9  | 48.8  | 73.2  |
| 227      | 65.4  | 51.1  | 76.7  |



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: 30.10 ng

RT: 10.15 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

Instrument :

BNA\_F

ClientSampleId :

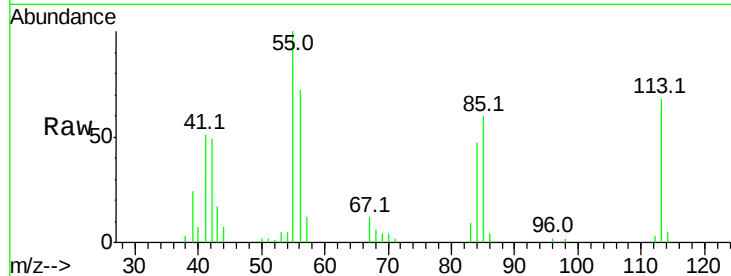
Tot Ion:113 Resp: 34313

Ion Ratio Lower Upper

113 100

55 147.7 150.2 190.2#

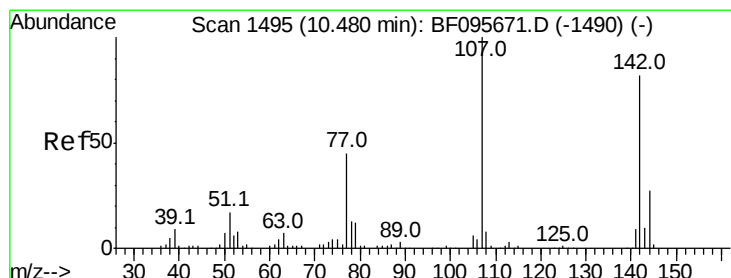
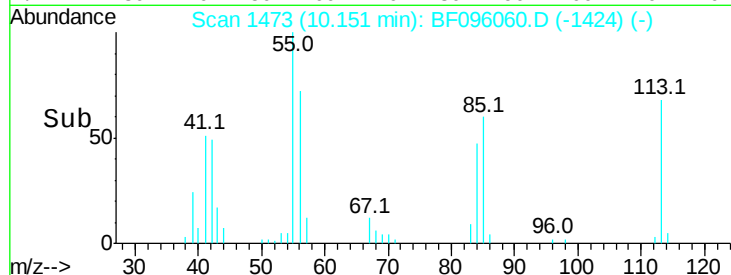
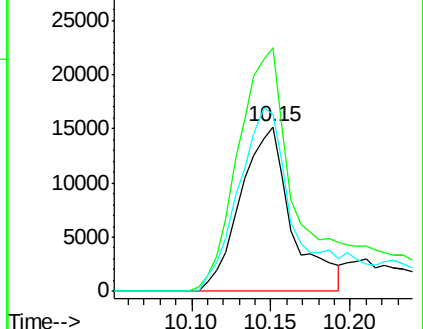
56 107.0 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 37.49 ng

RT: 10.41 min Scan# 1517

Delta R.T. 0.01 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

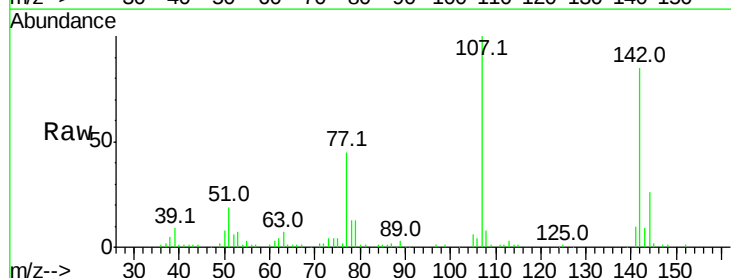
Tgt Ion:107 Resp: 150338

Ion Ratio Lower Upper

107 100

144 26.3 24.2 36.4

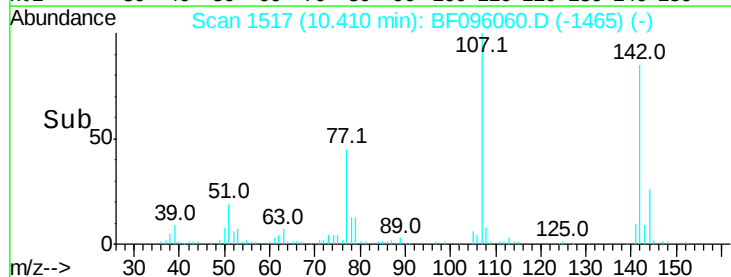
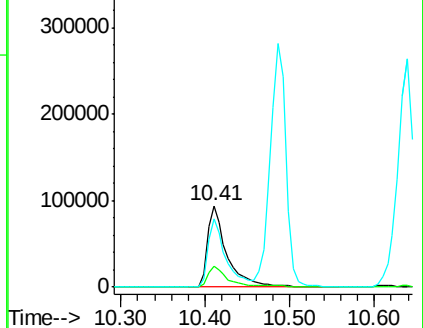
142 84.6 73.4 110.0

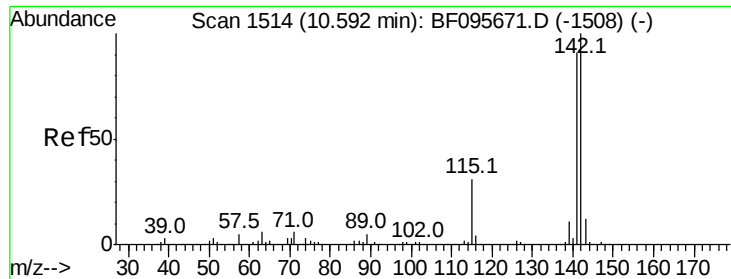


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

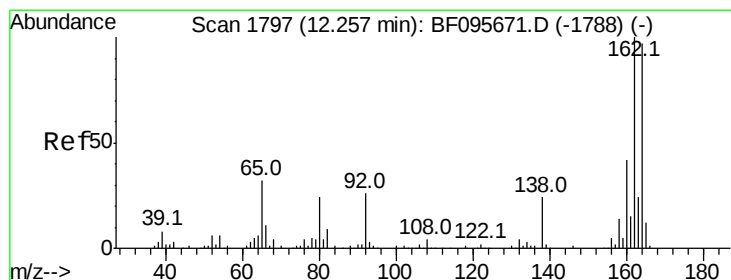
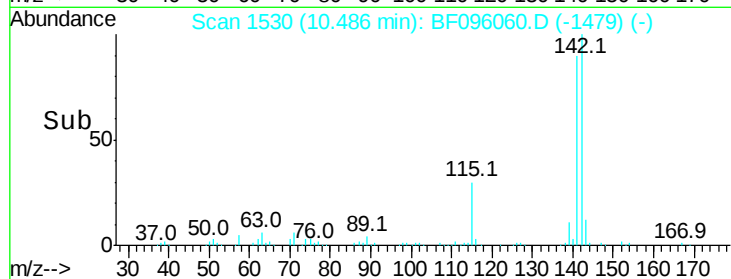
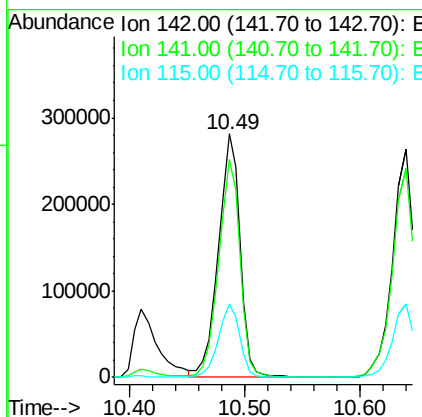
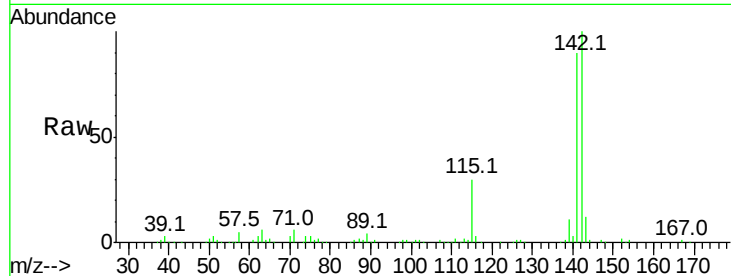




#37  
2-Methylnaphthalene  
Concen: 38.10 ng  
RT: 10.49 min Scan# 1530  
Delta R.T. 0.00 min  
Lab File: BF096060.D  
Acq: 20 Jun 2017 23:28

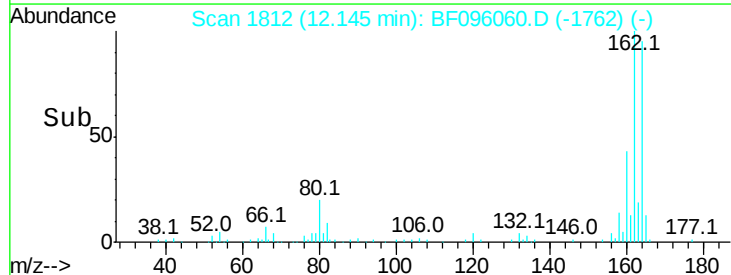
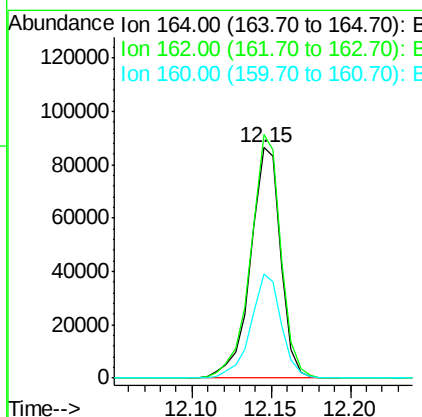
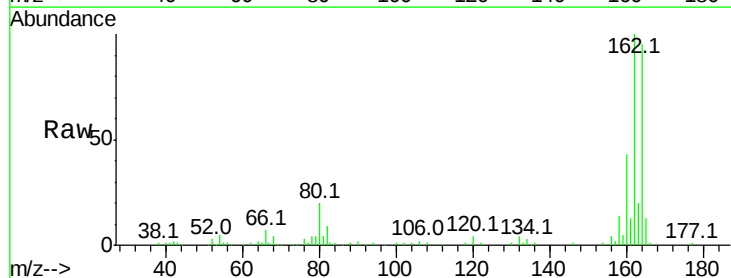
Instrument :  
BNA\_F  
ClientSampled :

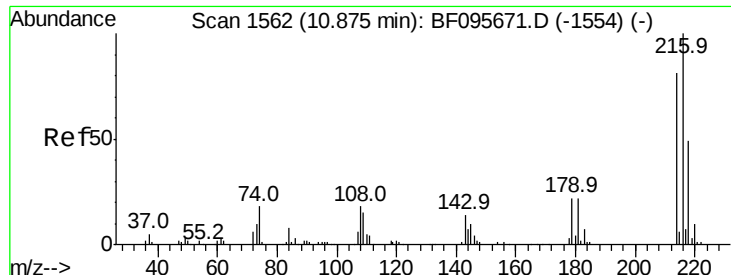
Tot Ion:142 Resp: 367668  
Ion Ratio Lower Upper  
142 100  
141 89.8 71.3 106.9  
115 30.2 27.1 40.7



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 12.15 min Scan# 1812  
Delta R.T. -0.01 min  
Lab File: BF096060.D  
Acq: 20 Jun 2017 23:28

Tgt Ion:164 Resp: 114058  
Ion Ratio Lower Upper  
164 100  
162 105.6 82.6 123.8  
160 45.2 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.60 ng

RT: 10.77 min Scan# 1578

Delta R.T. 0.00 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:216 Resp: 138597

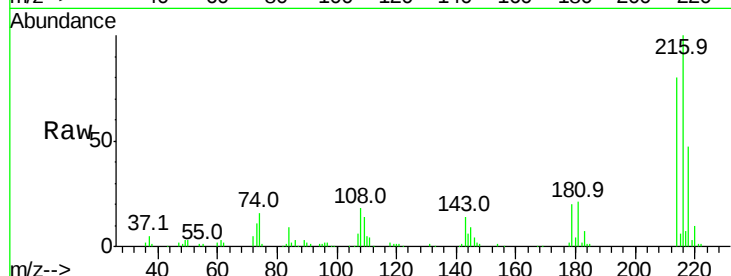
Ion Ratio Lower Upper

216 100

214 79.0 63.4 95.2

179 21.7 17.9 26.9

108 17.5 16.5 24.7

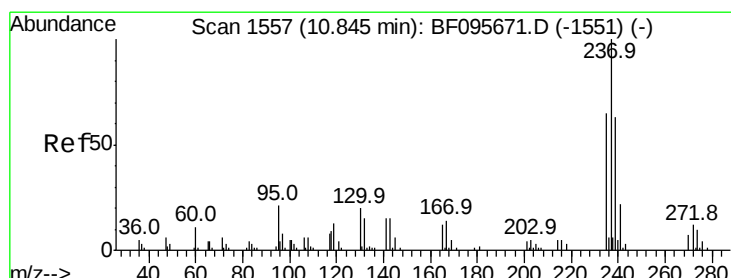
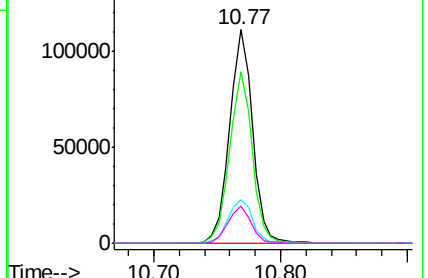
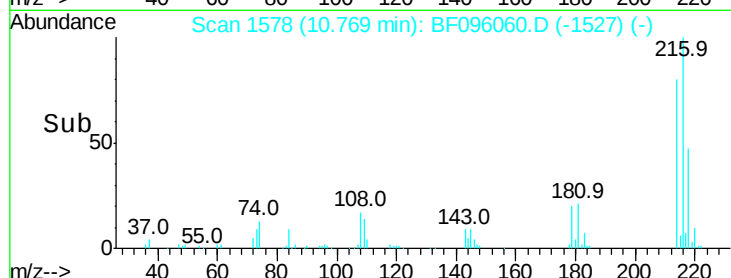


Abundance Ion 216.00 (215.70 to 216.70): E

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: 12.32 ng

RT: 10.73 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

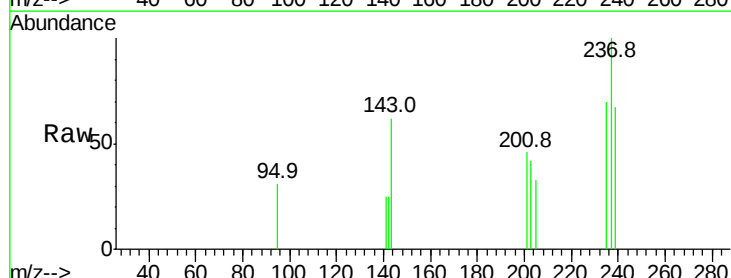
Tgt Ion:237 Resp: 1336

Ion Ratio Lower Upper

237 100

235 70.2 42.6 82.6

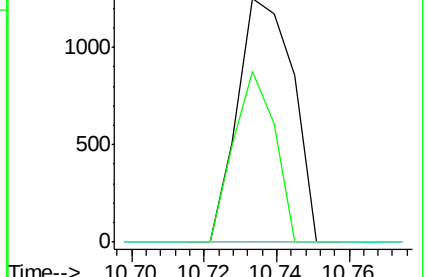
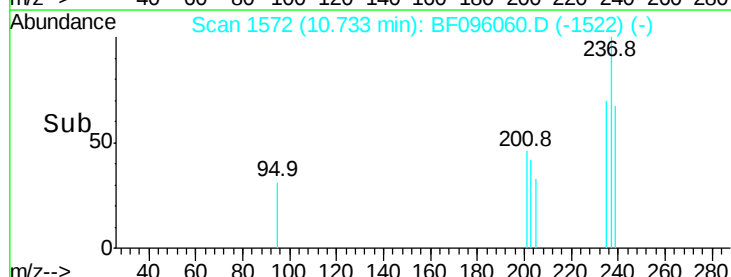
272 0.0 0.0 31.9

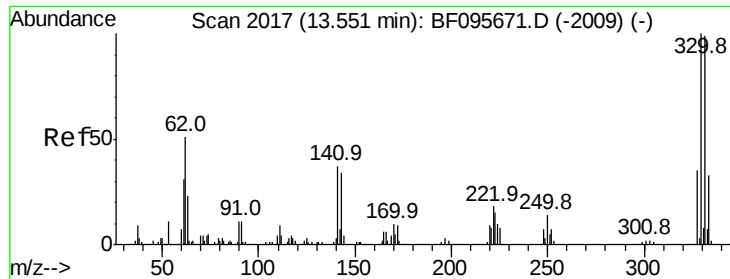


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

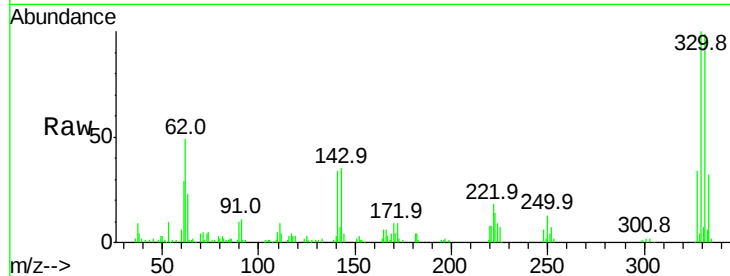




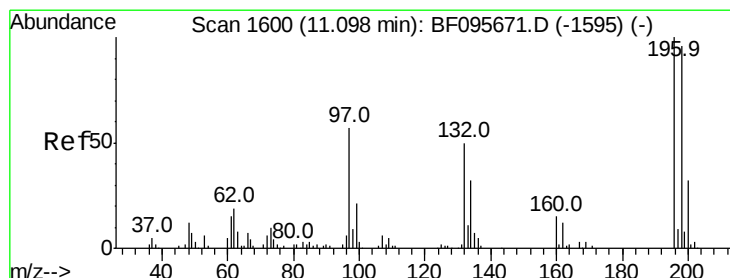
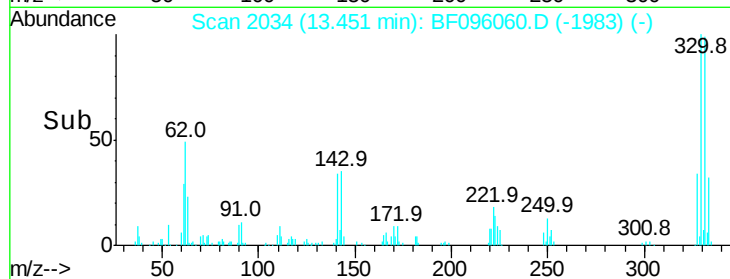
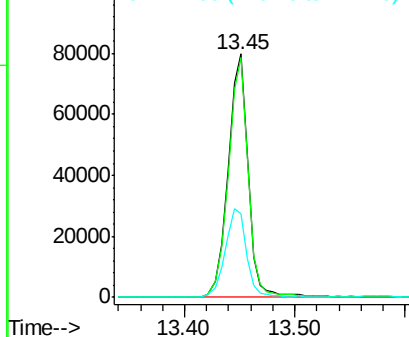
#41  
 2,4,6-Tribromophenol  
 Concen: 101.20 ng  
 RT: 13.45 min Scan# 2034  
 Delta R.T. 0.00 min  
 Lab File: BF096060.D  
 Acq: 20 Jun 2017 23:28

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:330 Resp: 102129  
 Ion Ratio Lower Upper  
 330 100  
 332 97.3 76.6 115.0  
 141 38.8 31.4 47.2

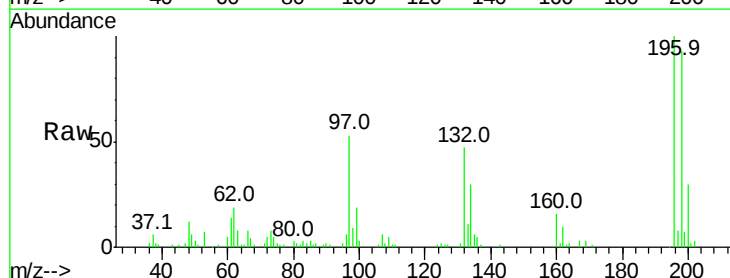


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

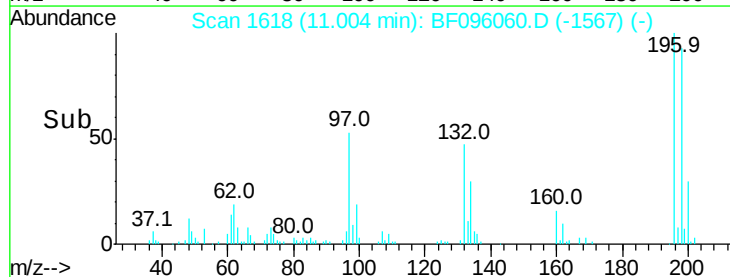
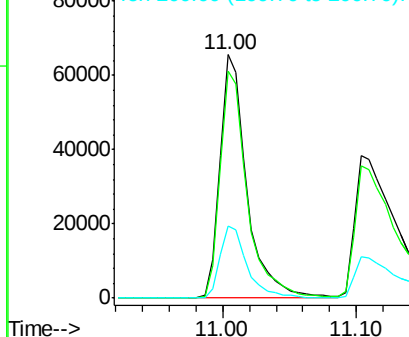


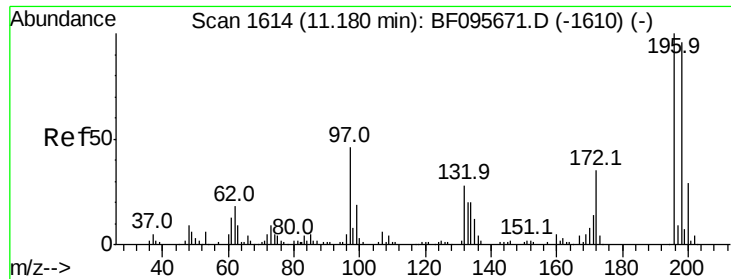
#42  
 2,4,6-Trichlorophenol  
 Concen: 42.59 ng  
 RT: 11.00 min Scan# 1618  
 Delta R.T. 0.00 min  
 Lab File: BF096060.D  
 Acq: 20 Jun 2017 23:28

Tgt Ion:196 Resp: 93471  
 Ion Ratio Lower Upper  
 196 100  
 198 93.5 74.2 111.4  
 200 29.9 24.0 36.0



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

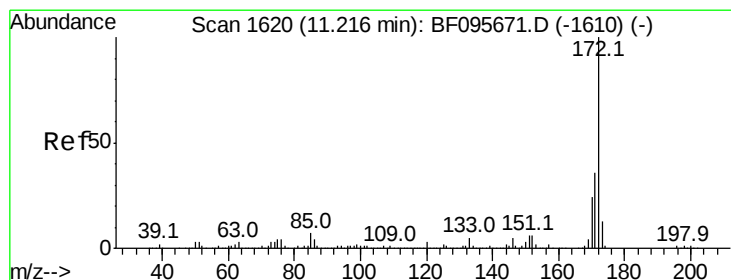
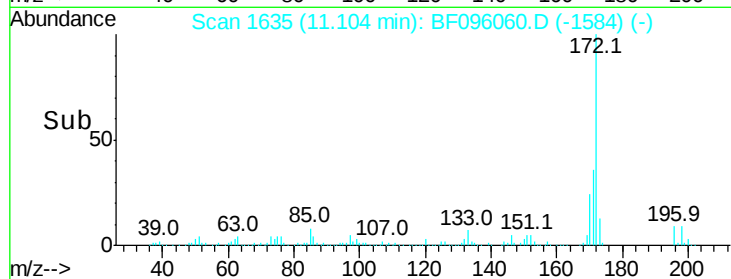
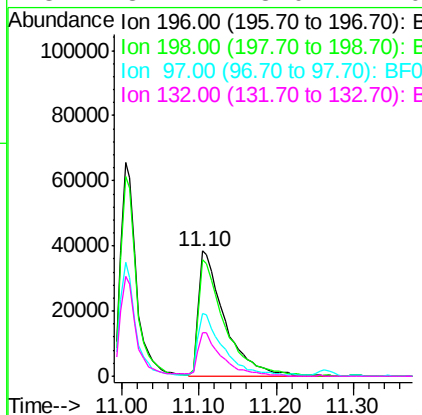
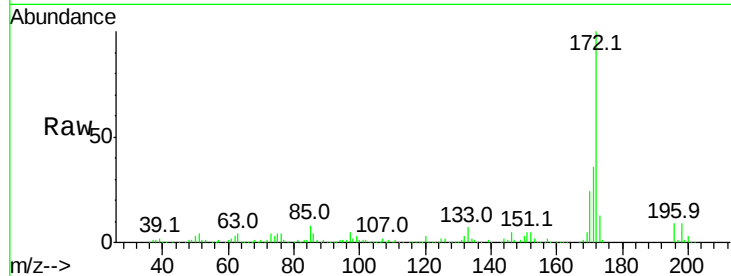




#43  
 2,4,5-Trichlorophenol  
 Concen: 39.04 ng  
 RT: 11.10 min Scan# 1635  
 Delta R.T. 0.00 min  
 Lab File: BF096060.D  
 Acq: 20 Jun 2017 23:28

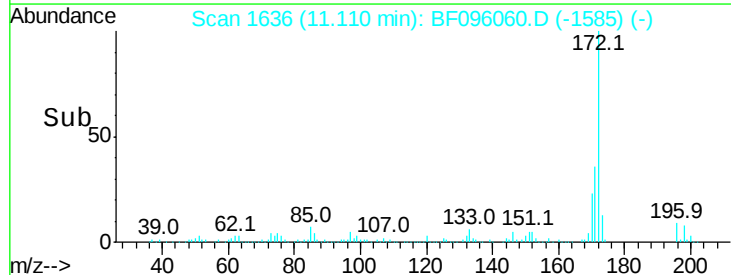
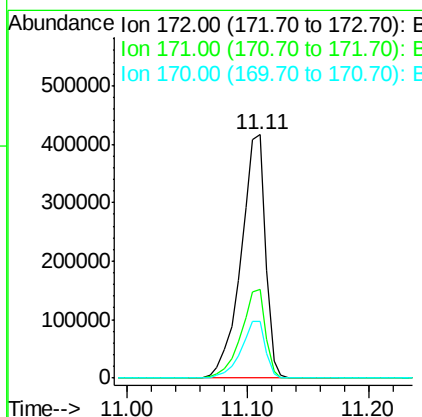
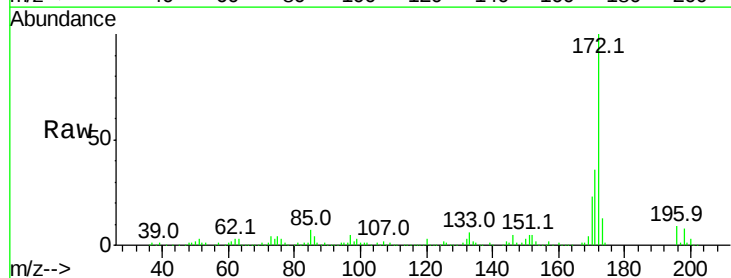
Instrument :  
 BNA\_F  
 ClientSampled :

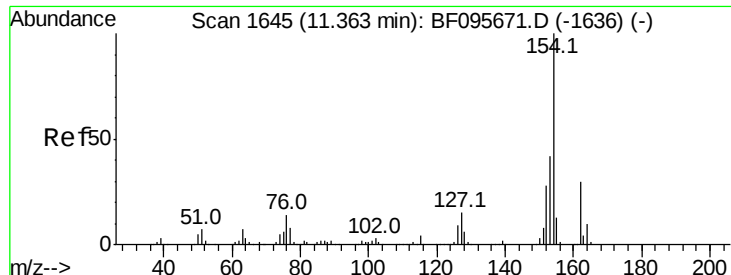
| Tot Ion   | 196  | Resp  | 91140 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 196       | 100  |       |       |
| 198       | 93.3 | 75.7  | 113.5 |
| 97        | 50.7 | 47.7  | 71.5  |
| 132       | 34.4 | 28.0  | 42.0  |



#44  
 2-Fluorobiphenyl  
 Concen: 71.71 ng  
 RT: 11.11 min Scan# 1636  
 Delta R.T. 0.00 min  
 Lab File: BF096060.D  
 Acq: 20 Jun 2017 23:28

| Tgt Ion   | 172  | Resp  | 587779 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 172       | 100  |       |        |
| 171       | 36.4 | 29.6  | 44.4   |
| 170       | 23.4 | 19.8  | 29.8   |

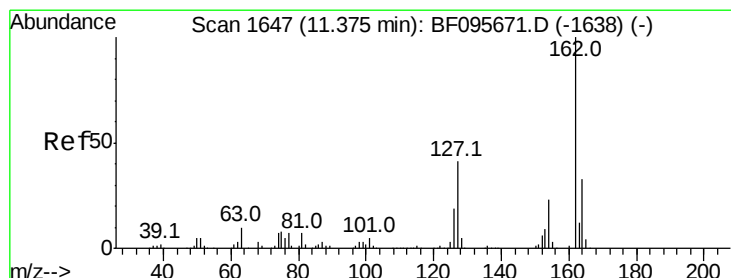
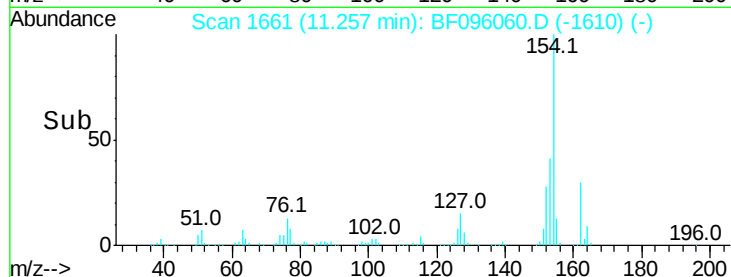
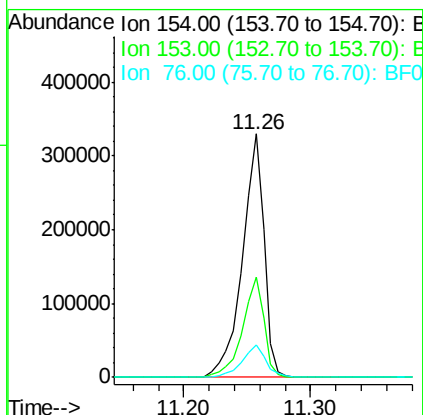
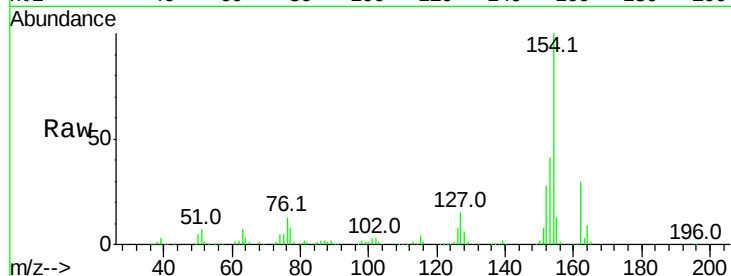




#45  
 1,1'-Biphenyl  
 Concen: 41.37 ng  
 RT: 11.26 min Scan# 1661  
 Delta R.T. 0.00 min  
 Lab File: BF096060.D  
 Acq: 20 Jun 2017 23:28

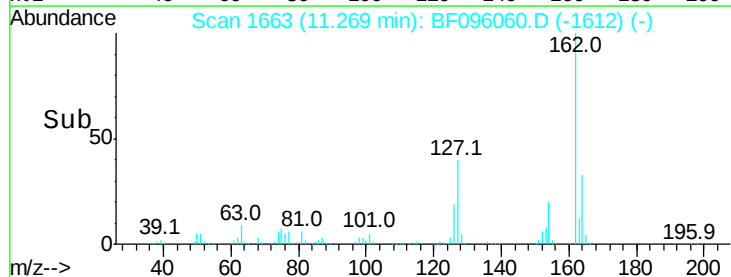
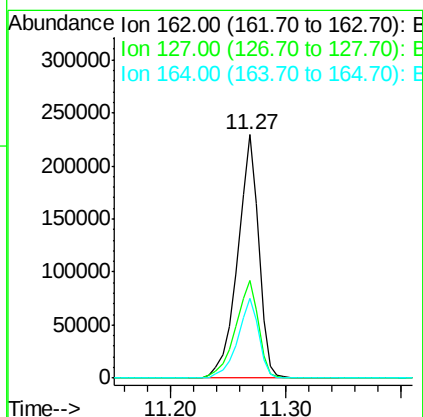
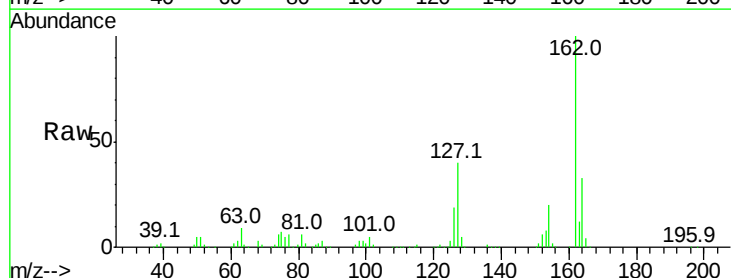
Instrument :  
 BNA\_F  
 ClientSampled :

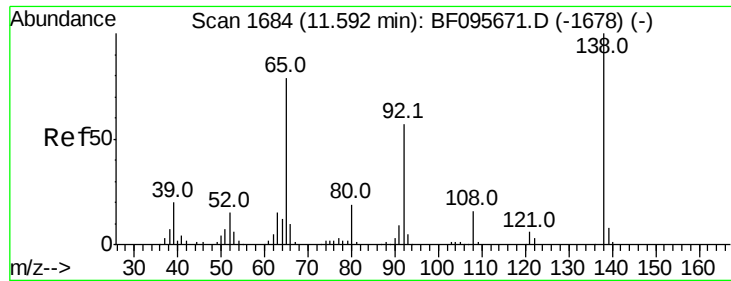
Tot Ion:154 Resp: 388895  
 Ion Ratio Lower Upper  
 154 100  
 153 41.3 21.2 61.2  
 76 13.2 0.0 29.9



#46  
 2-Chloronaphthalene  
 Concen: 39.50 ng  
 RT: 11.27 min Scan# 1663  
 Delta R.T. 0.00 min  
 Lab File: BF096060.D  
 Acq: 20 Jun 2017 23:28

Tgt Ion:162 Resp: 290162  
 Ion Ratio Lower Upper  
 162 100  
 127 40.2 28.3 42.5  
 164 33.0 27.0 40.4

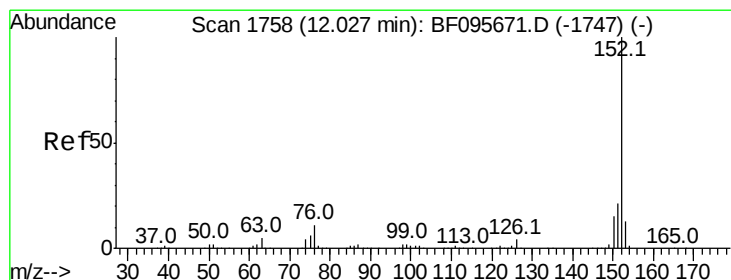
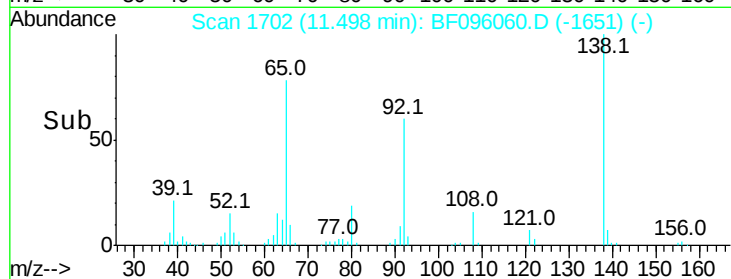
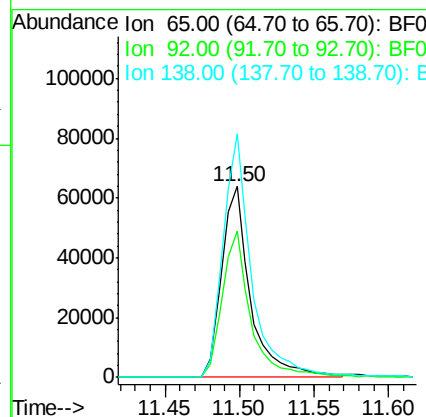
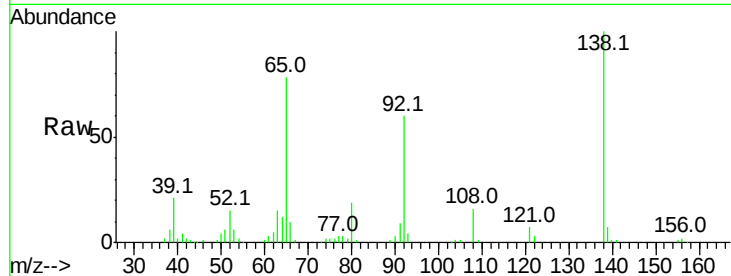




#47  
2-Nitroaniline  
Concen: 40.45 ng  
RT: 11.50 min Scan# 1702  
Delta R.T. 0.00 min  
Lab File: BF096060.D  
Acq: 20 Jun 2017 23:28

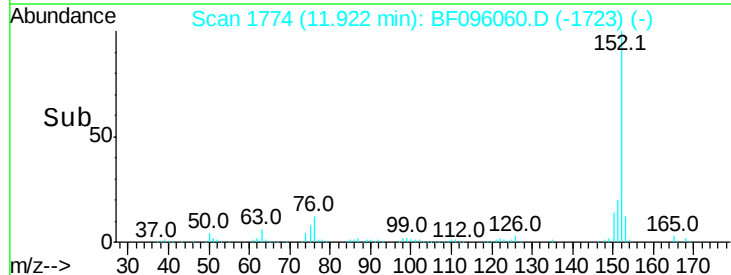
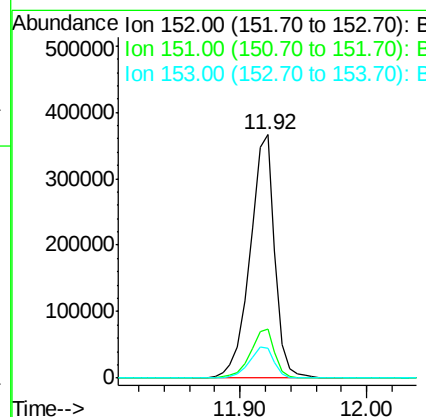
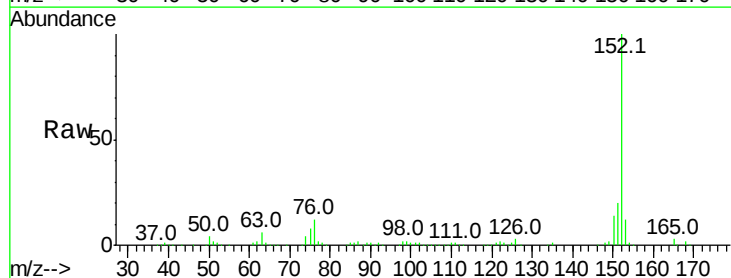
Instrument :  
BNA\_F  
ClientSampled :

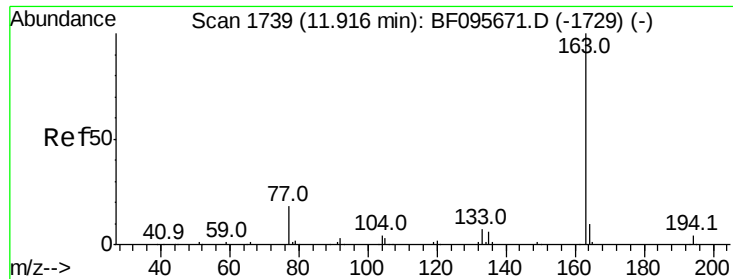
Tot Ion: 65 Resp: 86952  
Ion Ratio Lower Upper  
65 100  
92 76.7 53.9 80.9  
138 127.6 78.8 118.2#



#48  
Acenaphthylene  
Concen: 39.57 ng  
RT: 11.92 min Scan# 1774  
Delta R.T. 0.00 min  
Lab File: BF096060.D  
Acq: 20 Jun 2017 23:28

Tgt Ion:152 Resp: 497015  
Ion Ratio Lower Upper  
152 100  
151 20.0 16.8 25.2  
153 12.3 10.8 16.2





#49

Dimethylphthalate

Concen: 54.21 ng

RT: 11.82 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

Instrument :

BNA\_F

ClientSampled :

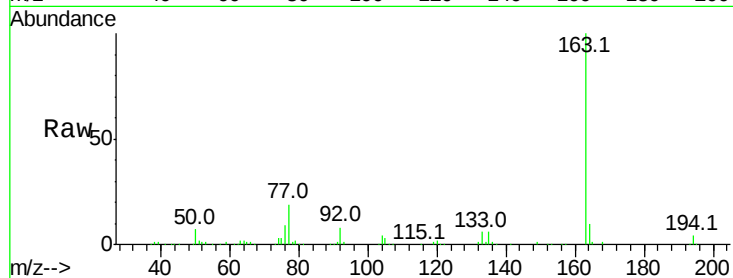
Tot Ion:163 Resp: 469499

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

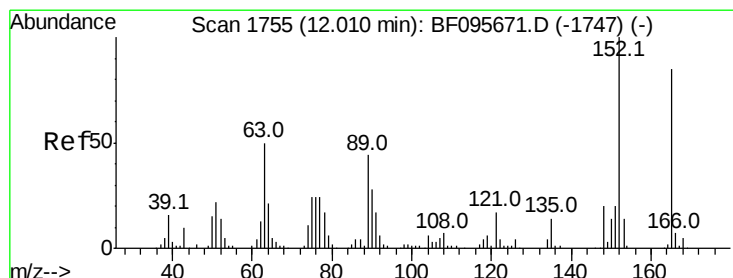
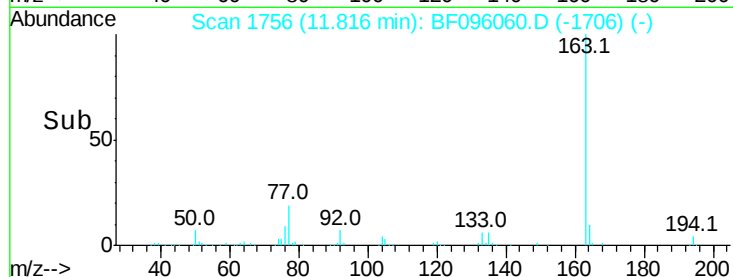
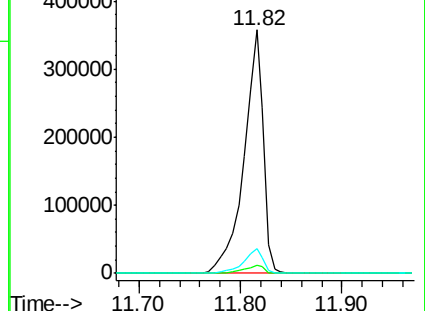
164 10.0 8.4 12.6



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: 32.89 ng

RT: 11.91 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

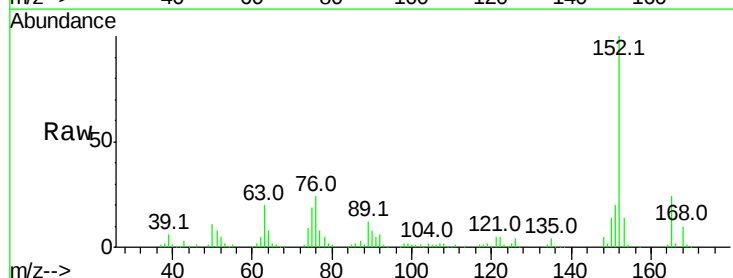
Tgt Ion:165 Resp: 62133

Ion Ratio Lower Upper

165 100

63 82.6 34.3 51.5#

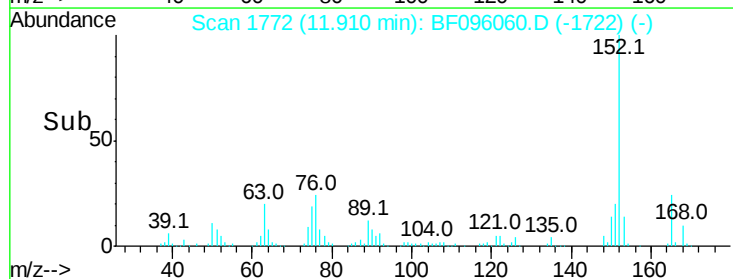
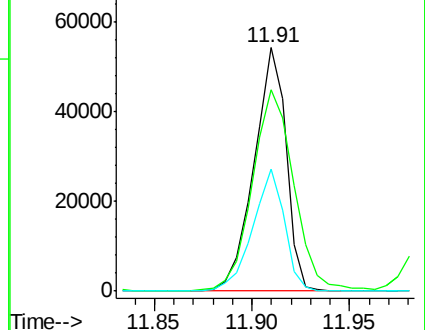
89 50.3 37.1 55.7

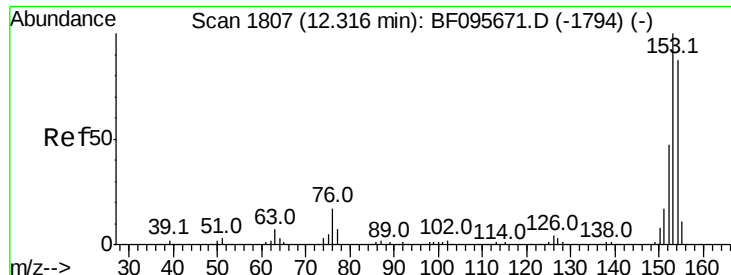


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.17 ng

RT: 12.20 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

Instrument :

BNA\_F

ClientSampleId :

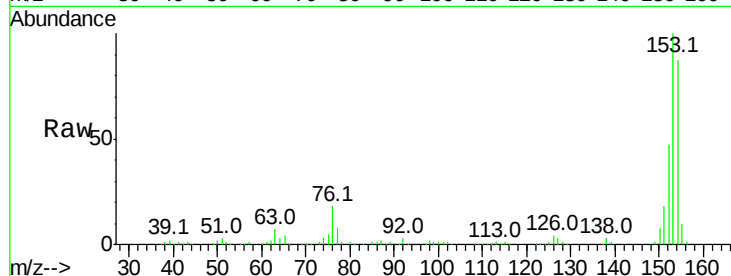
Tot Ion:154 Resp: 269597

Ion Ratio Lower Upper

154 100

153 115.1 90.5 135.7

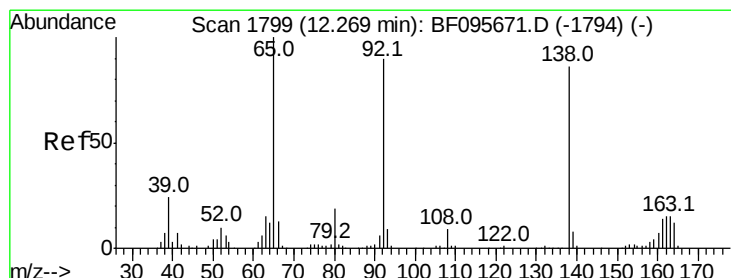
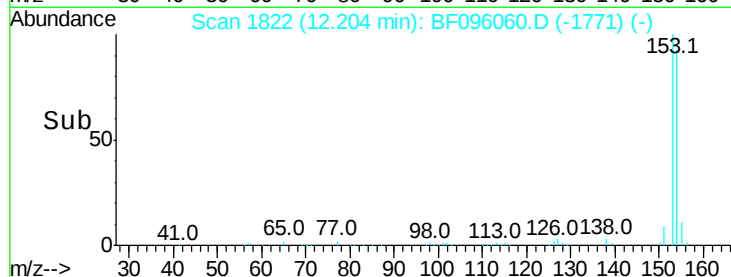
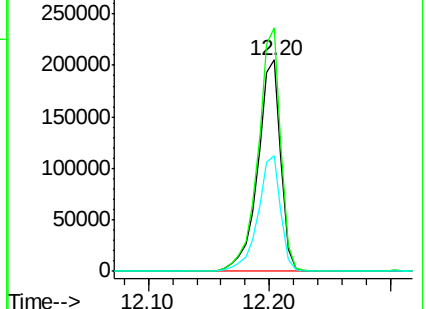
152 54.6 43.6 65.4



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: 33.62 ng

RT: 12.17 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

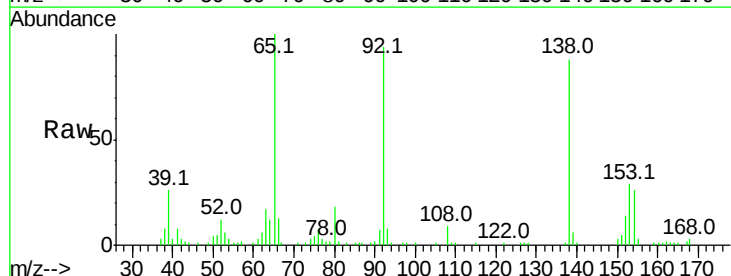
Tgt Ion:138 Resp: 73983

Ion Ratio Lower Upper

138 100

108 10.1 9.1 13.7

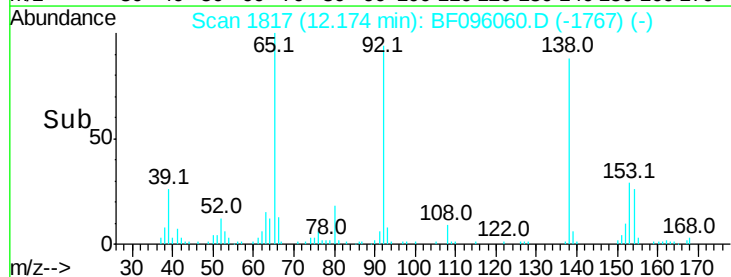
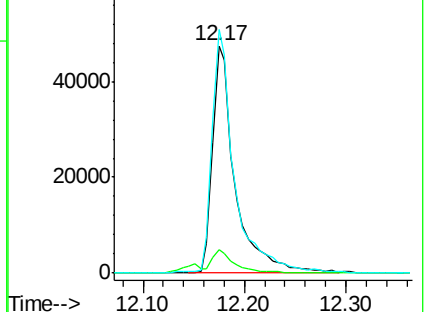
92 107.2 93.8 140.6

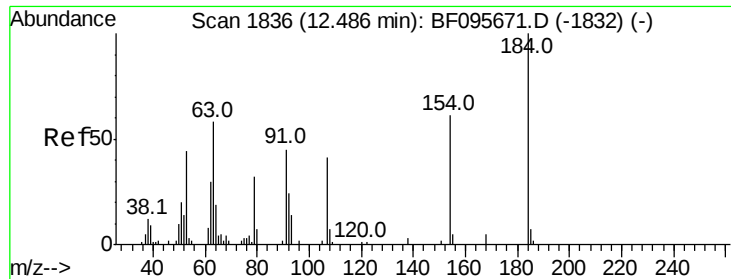


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

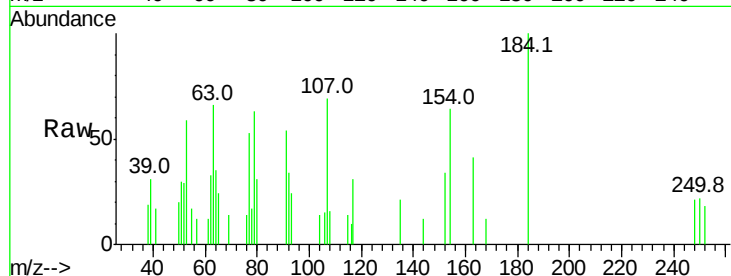




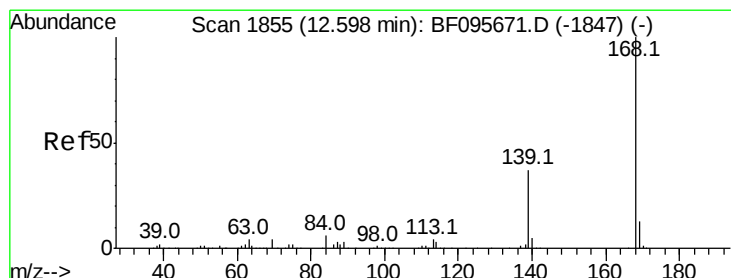
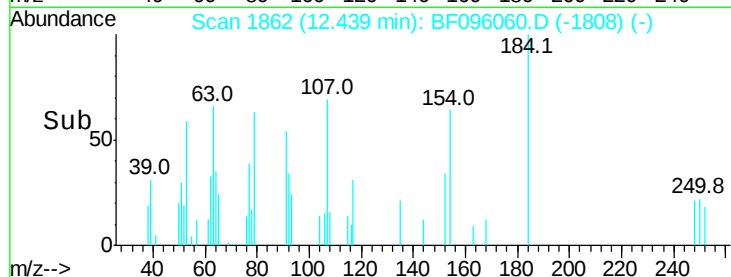
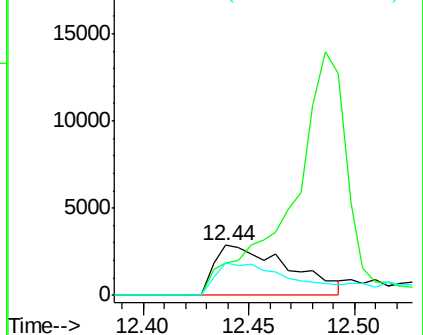
#53  
2,4-Dinitrophenol  
Concen: 12.56 ng  
RT: 12.44 min Scan# 1862  
Delta R.T. 0.02 min  
Lab File: BF096060.D  
Acq: 20 Jun 2017 23:28

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:184 Resp: 7081  
Ion Ratio Lower Upper  
184 100  
63 65.6 62.7 94.1  
154 64.2 81.1 121.7#

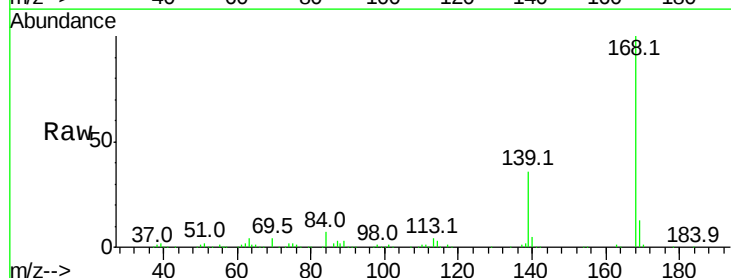


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 154.00 (153.70 to 154.70): E

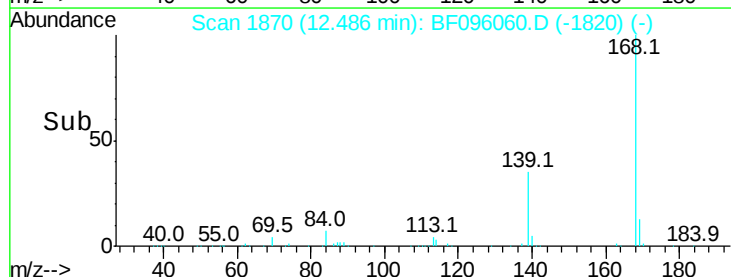
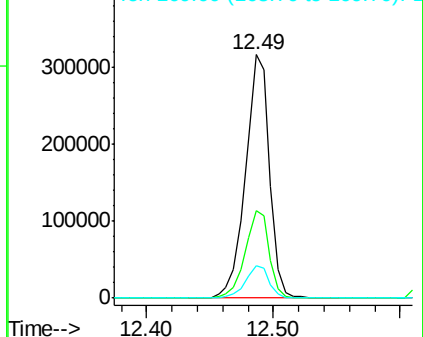


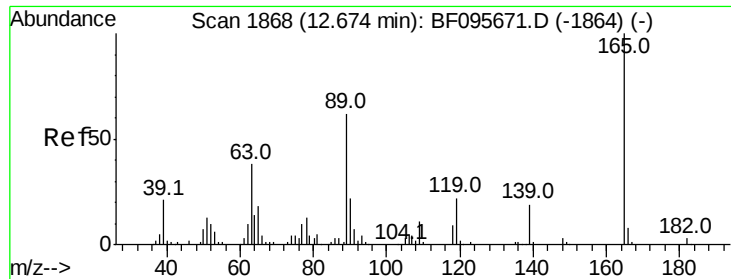
#54  
Dibenzofuran  
Concen: 40.54 ng  
RT: 12.49 min Scan# 1870  
Delta R.T. -0.01 min  
Lab File: BF096060.D  
Acq: 20 Jun 2017 23:28

Tgt Ion:168 Resp: 413836  
Ion Ratio Lower Upper  
168 100  
139 35.8 30.6 45.8  
169 13.3 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

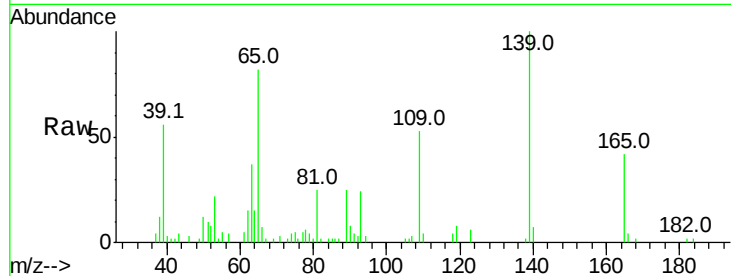




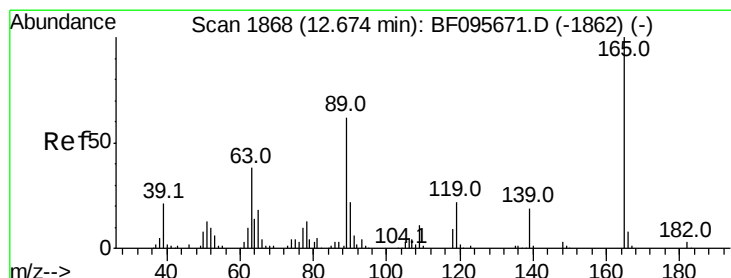
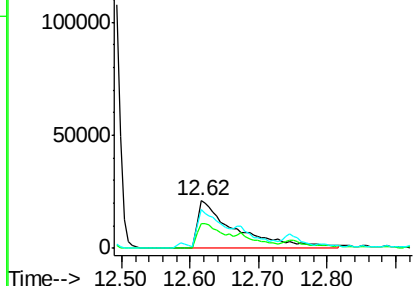
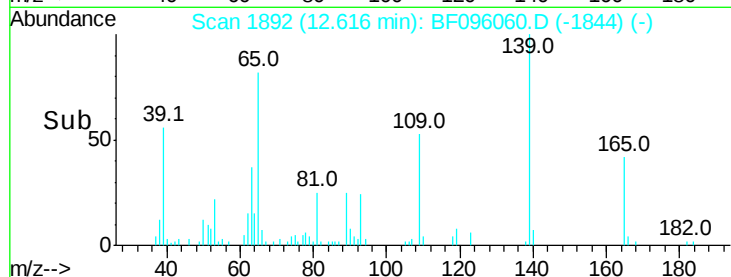
#55  
4-Nitrophenol  
Concen: 64.85 ng  
RT: 12.62 min Scan# 1892  
Delta R.T. -0.02 min  
Lab File: BF096060.D  
Acq: 20 Jun 2017 23:28

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:139 Resp: 82133  
Ion Ratio Lower Upper  
139 100  
109 53.3 34.1 74.1  
65 82.1 31.4 71.4#

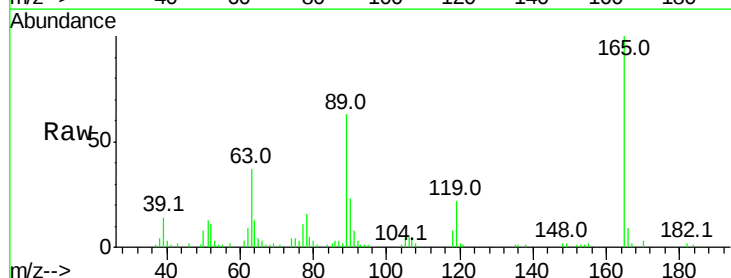


Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF0

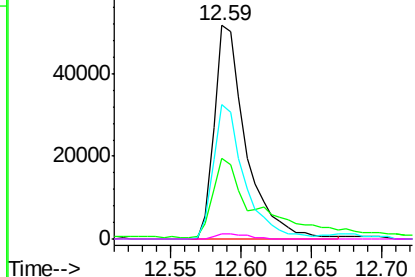
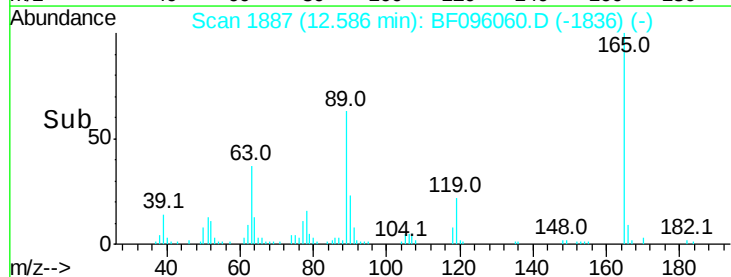


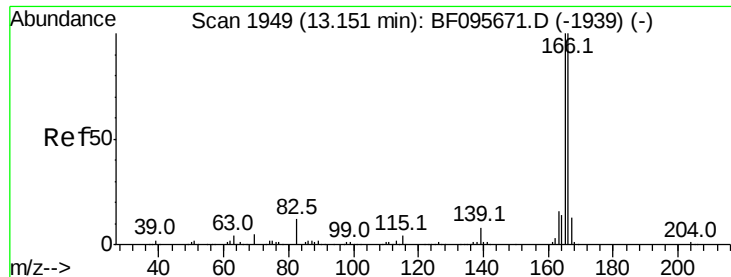
#56  
2,4-Dinitrotoluene  
Concen: 31.77 ng  
RT: 12.59 min Scan# 1887  
Delta R.T. 0.00 min  
Lab File: BF096060.D  
Acq: 20 Jun 2017 23:28

Tgt Ion:165 Resp: 81057  
Ion Ratio Lower Upper  
165 100  
63 37.5 25.4 38.0  
89 63.1 46.4 69.6  
182 2.5 1.8 2.6



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 89.00 (88.70 to 89.70): BF0  
Ion 182.00 (181.70 to 182.70): E

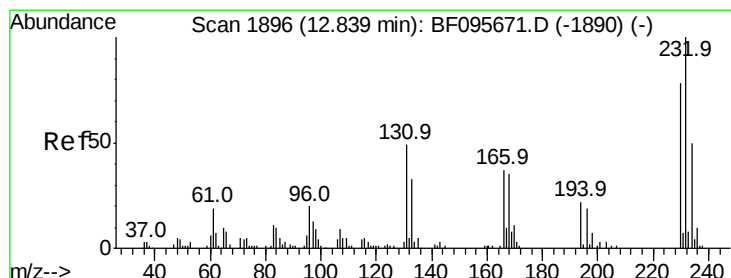
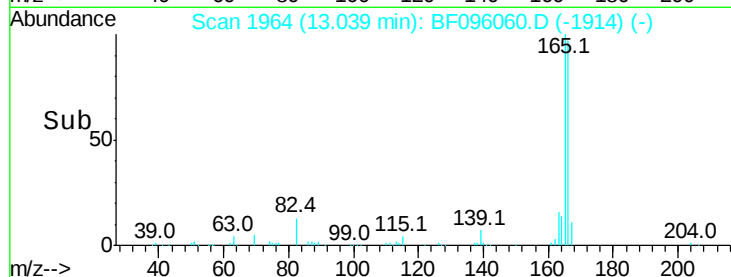
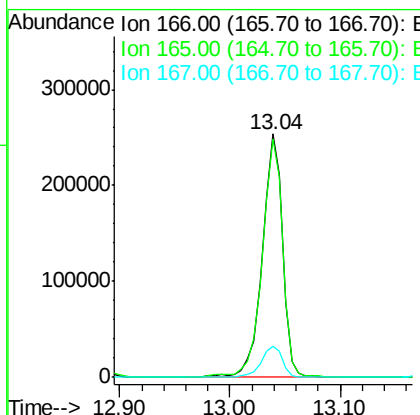
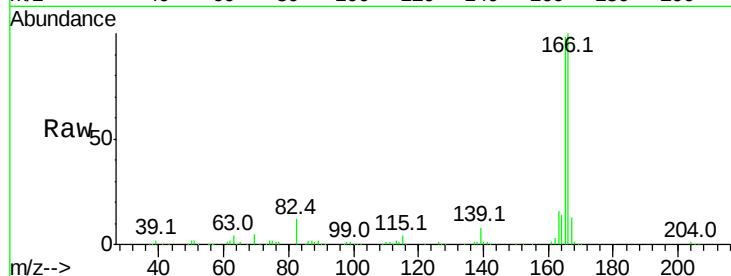




#57  
 Fluorene  
 Concen: 36.94 ng  
 RT: 13.04 min Scan# 1964  
 Delta R.T. -0.01 min  
 Lab File: BF096060.D  
 Acq: 20 Jun 2017 23:28

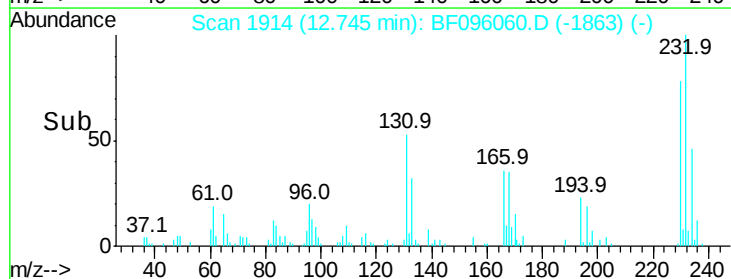
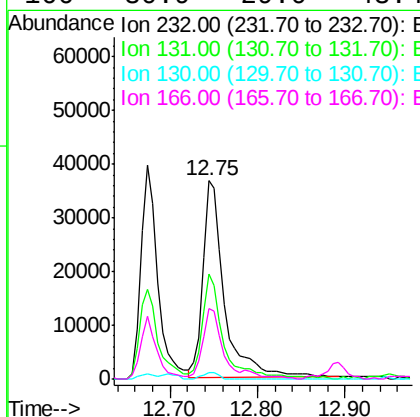
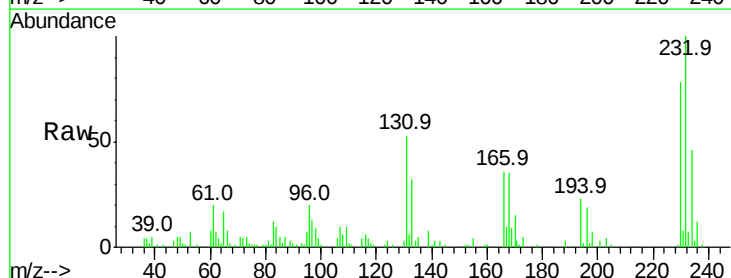
Instrument :  
 BNA\_F  
 ClientSampleId :

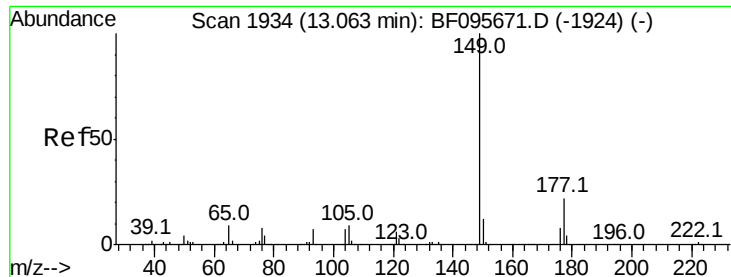
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.1  | 78.8  | 118.2 |
| 167     | 12.6  | 10.6  | 16.0  |



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 39.65 ng  
 RT: 12.75 min Scan# 1914  
 Delta R.T. 0.00 min  
 Lab File: BF096060.D  
 Acq: 20 Jun 2017 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 52.0  | 44.8  | 67.2  |
| 130     | 2.4   | 2.3   | 3.5   |
| 166     | 30.9  | 29.0  | 43.4  |

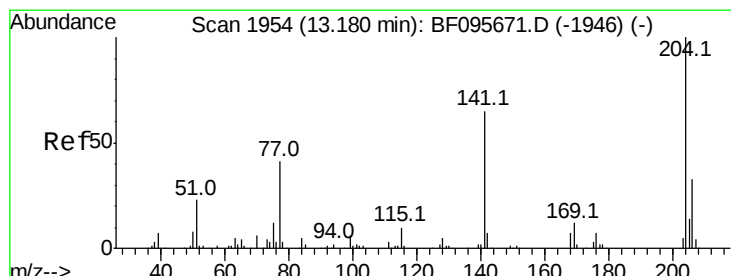
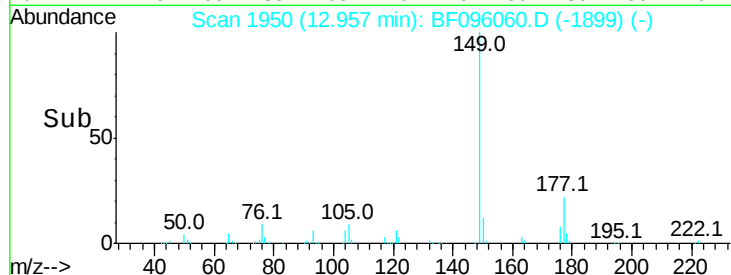
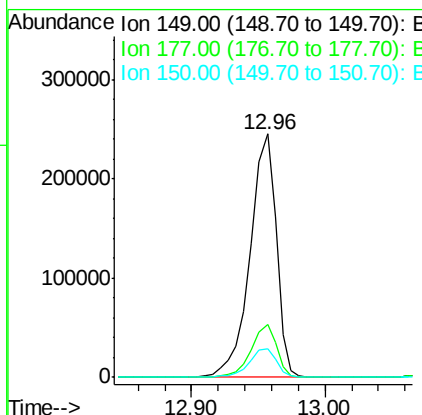
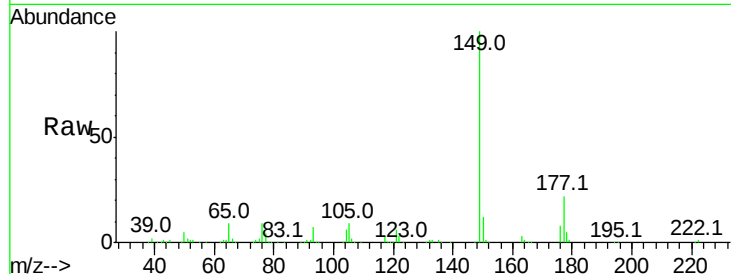




#59  
Diethylphthalate  
Concen: 39.78 ng  
RT: 12.96 min Scan# 1950  
Delta R.T. 0.00 min  
Lab File: BF096060.D  
Acq: 20 Jun 2017 23:28

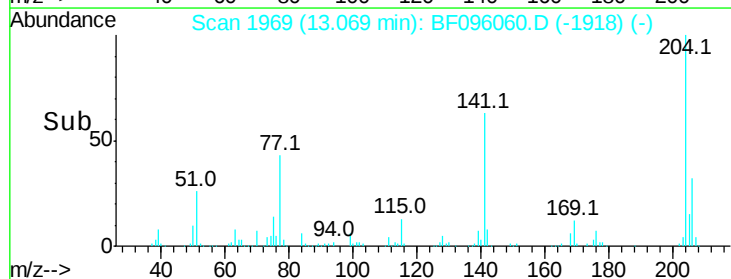
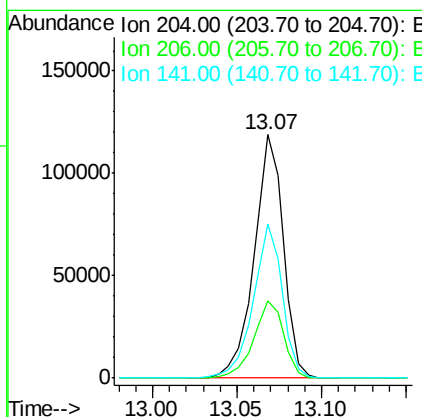
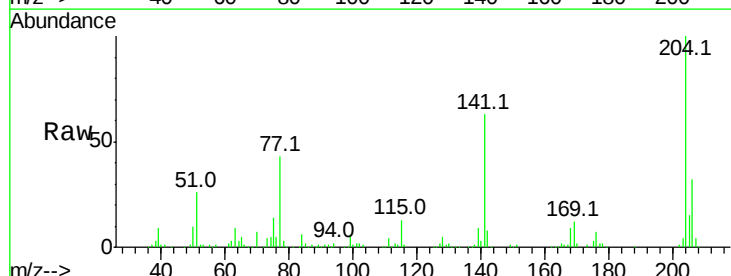
Instrument :  
BNA\_F  
ClientSampleId :

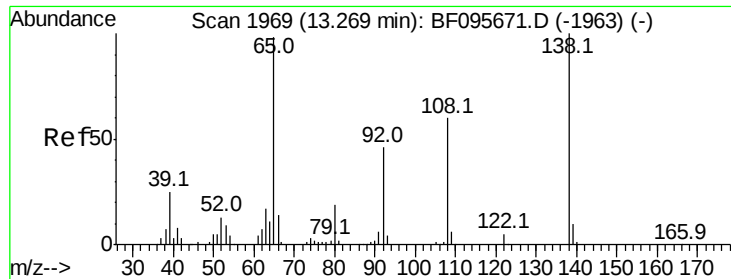
Tot Ion:149 Resp: 331563  
Ion Ratio Lower Upper  
149 100  
177 21.5 16.7 25.1  
150 11.9 10.2 15.2



#60  
4-Chlorophenyl-phenylether  
Concen: 36.97 ng  
RT: 13.07 min Scan# 1969  
Delta R.T. 0.00 min  
Lab File: BF096060.D  
Acq: 20 Jun 2017 23:28

Tgt Ion:204 Resp: 142838  
Ion Ratio Lower Upper  
204 100  
206 31.7 26.2 39.2  
141 63.4 60.8 91.2

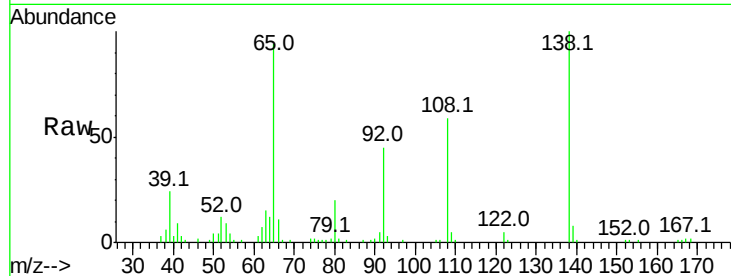




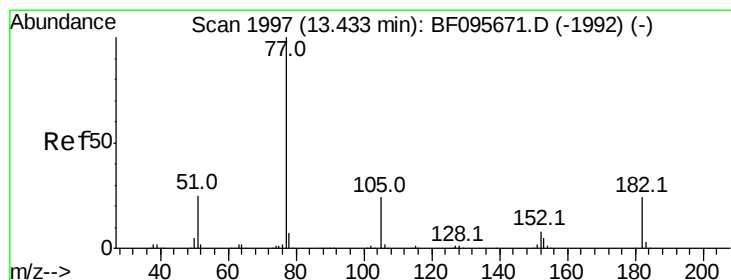
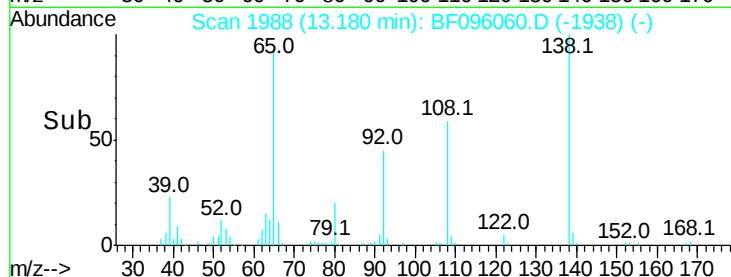
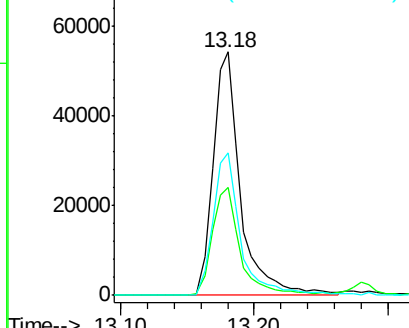
#61  
4-Nitroaniline  
Concen: 37.96 ng  
RT: 13.18 min Scan# 1988  
Delta R.T. -0.01 min  
Lab File: BF096060.D  
Acq: 20 Jun 2017 23:28

Instrument :  
BNA\_F  
ClientSampleId :

|             |             |
|-------------|-------------|
| Tot Ion:138 | Resp: 77997 |
| Ion Ratio   | Lower Upper |
| 138 100     |             |
| 92 44.6     | 21.8 61.8   |
| 108 58.6    | 42.3 82.3   |

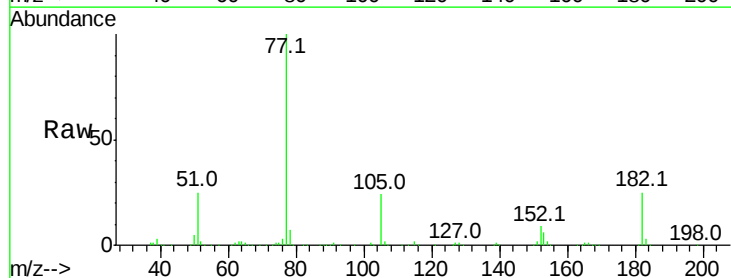


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BF0  
Ion 108.00 (107.70 to 108.70): E

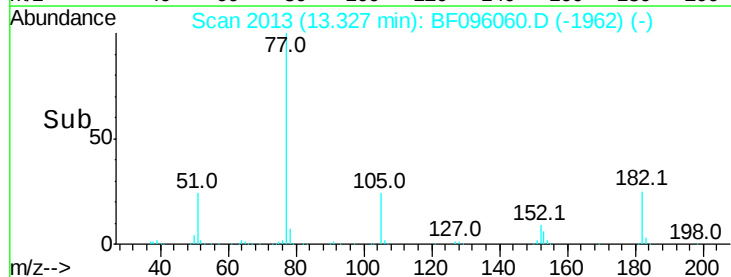
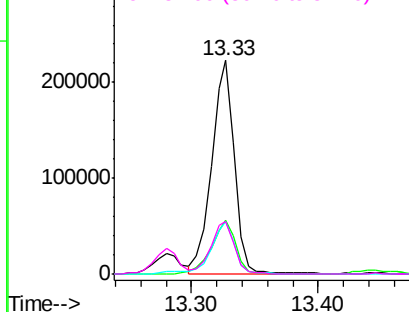


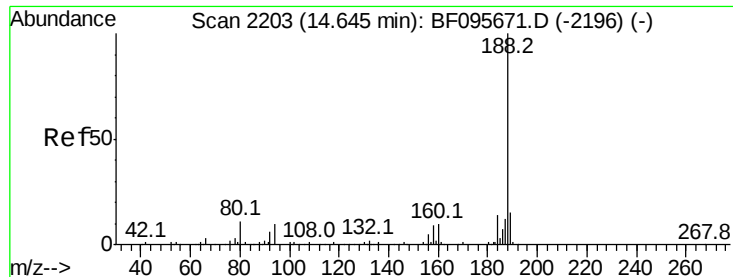
#62  
Azobenzene  
Concen: 36.81 ng  
RT: 13.33 min Scan# 2013  
Delta R.T. 0.00 min  
Lab File: BF096060.D  
Acq: 20 Jun 2017 23:28

|                  |              |
|------------------|--------------|
| Tgt Ion: 77      | Resp: 278061 |
| Ion Ratio 77 100 | Lower Upper  |
| 182 25.4         | 0.1 40.1     |
| 105 24.4         | 3.6 43.6     |
| 51 24.7          | 9.4 49.4     |



Abundance Ion 77.00 (76.70 to 77.70): BF0  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF0

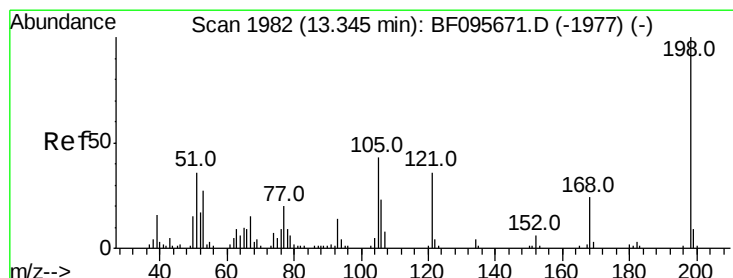
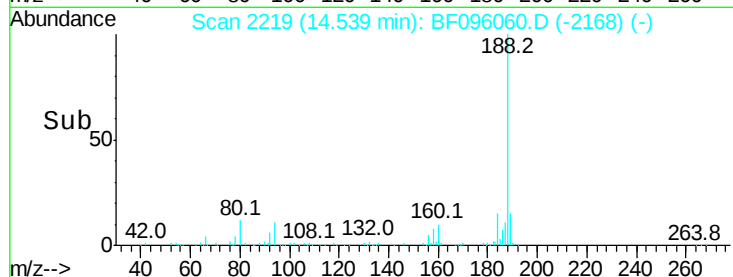
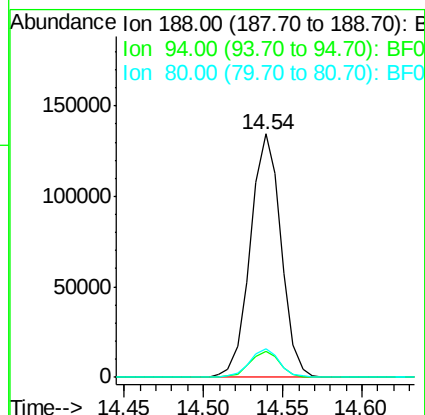
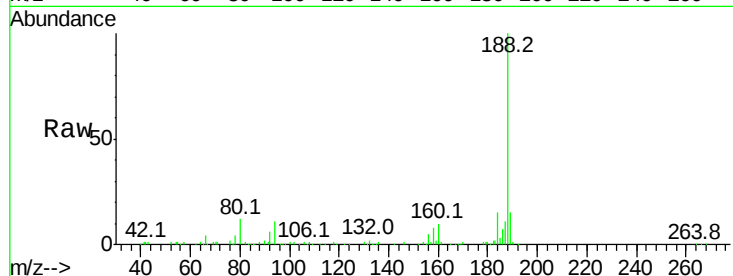




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 14.54 min Scan# 2219  
Delta R.T. 0.00 min  
Lab File: BF096060.D  
Acq: 20 Jun 2017 23:28

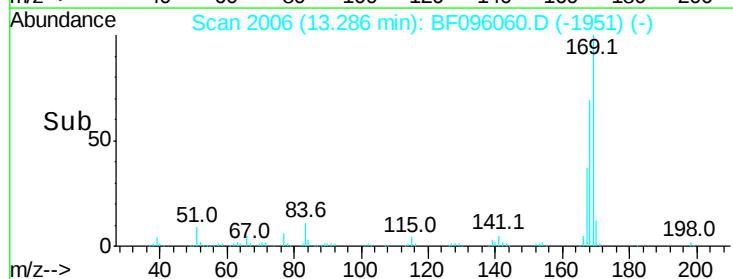
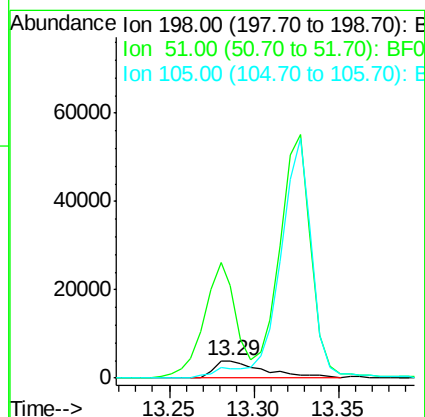
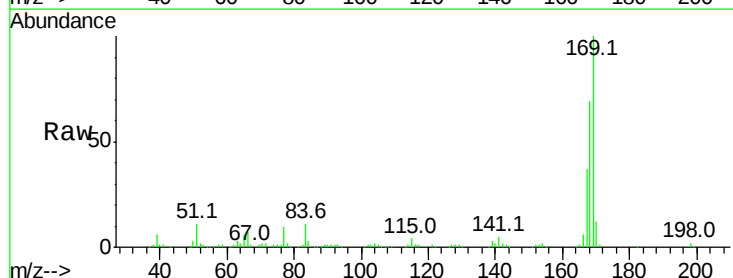
Instrument :  
BNA\_F  
ClientSampleId :

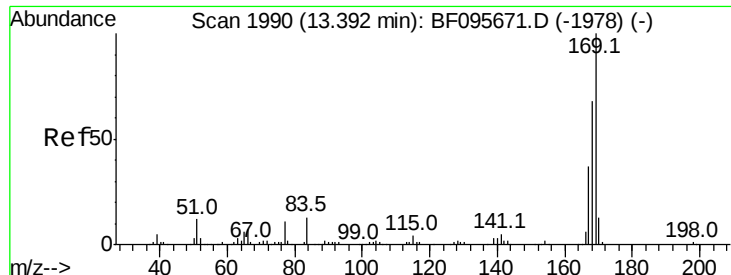
Tot Ion:188 Resp: 180987  
Ion Ratio Lower Upper  
188 100  
94 10.7 9.4 14.2  
80 11.8 10.2 15.2



#64  
4,6-Dinitro-2-methylphenol  
Concen: 7.00 ng  
RT: 13.29 min Scan# 2006  
Delta R.T. 0.02 min  
Lab File: BF096060.D  
Acq: 20 Jun 2017 23:28

Tgt Ion:198 Resp: 8326  
Ion Ratio Lower Upper  
198 100  
51 537.0 53.2 93.2#  
105 56.0 45.8 85.8

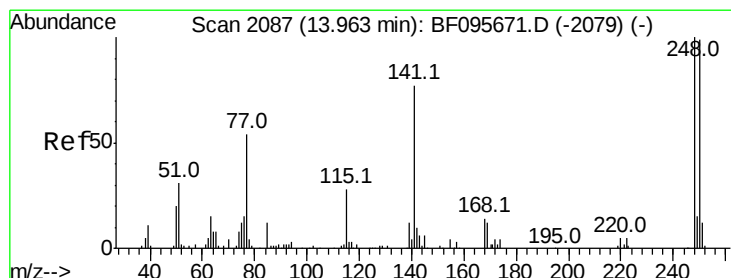
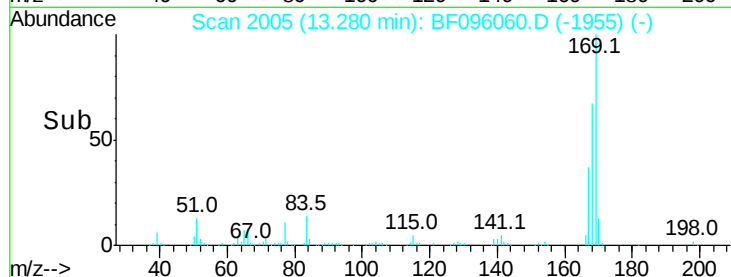
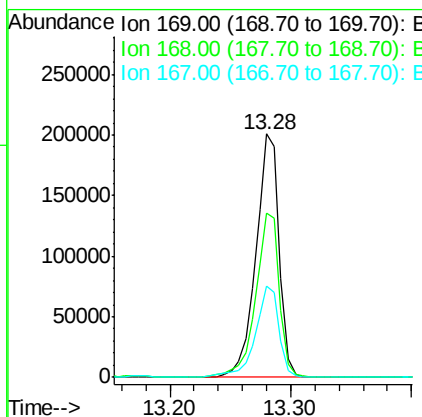
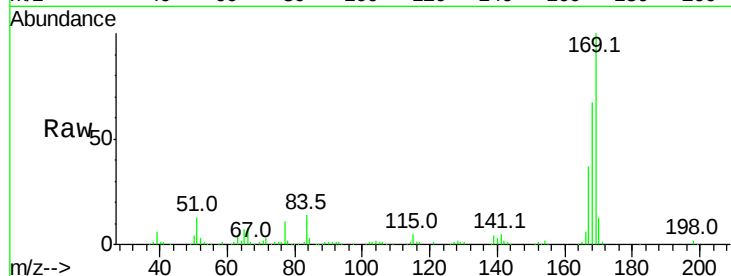




#65  
n-Nitrosodiphenylamine  
Concen: 41.31 ng  
RT: 13.28 min Scan# 2005  
Delta R.T. -0.01 min  
Lab File: BF096060.D  
Acq: 20 Jun 2017 23:28

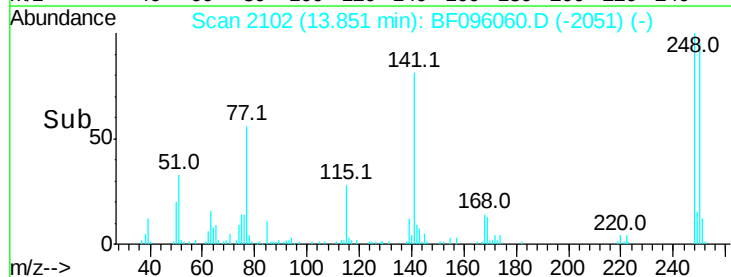
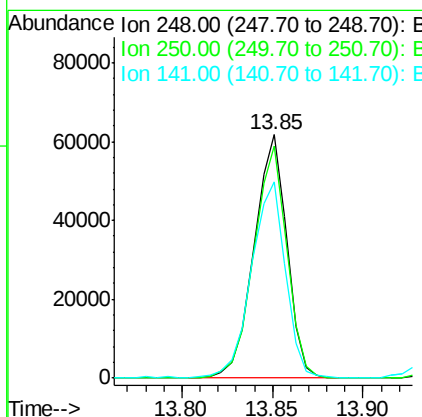
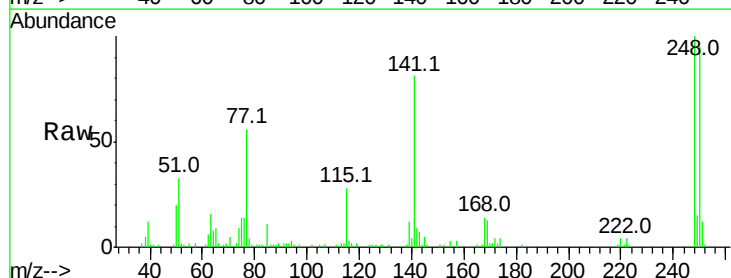
Instrument :  
BNA\_F  
ClientSampleId :

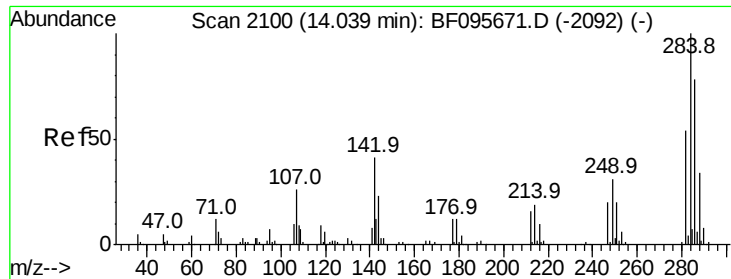
Tot Ion:169 Resp: 268630  
Ion Ratio Lower Upper  
169 100  
168 67.3 53.2 79.8  
167 37.3 29.5 44.3



#66  
4-Bromophenyl-phenylether  
Concen: 41.27 ng  
RT: 13.85 min Scan# 2102  
Delta R.T. 0.00 min  
Lab File: BF096060.D  
Acq: 20 Jun 2017 23:28

Tgt Ion:248 Resp: 77627  
Ion Ratio Lower Upper  
248 100  
250 95.3 76.8 115.2  
141 80.8 68.6 103.0

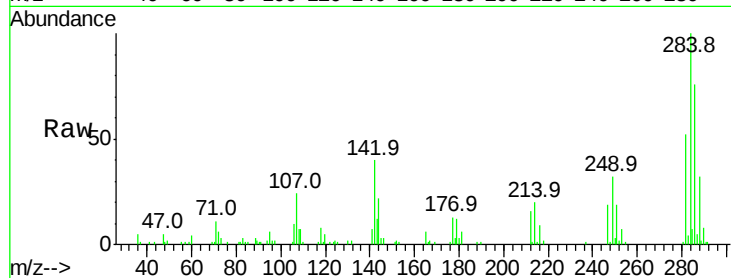




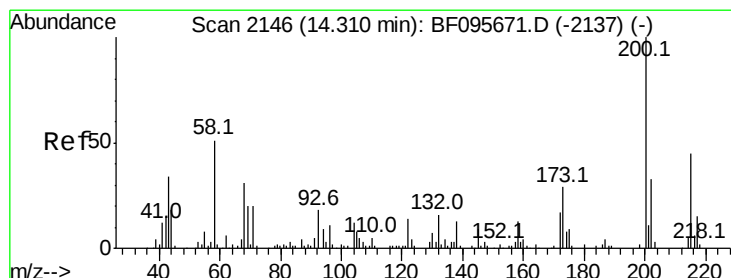
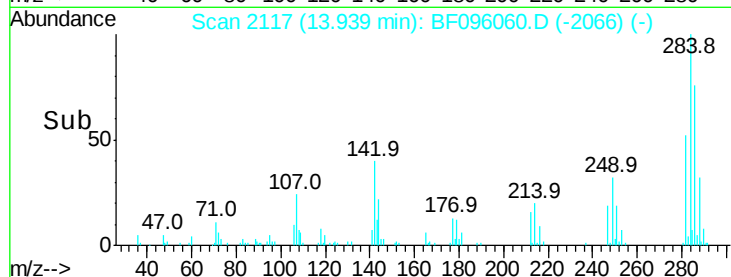
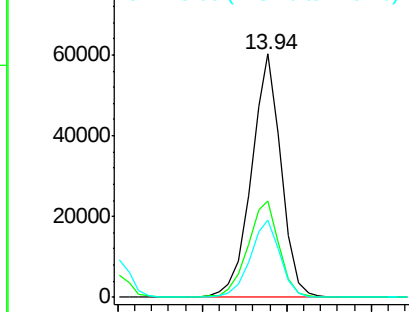
#67  
Hexachlorobenzene  
Concen: 39.54 ng  
RT: 13.94 min Scan# 2117  
Delta R.T. 0.00 min  
Lab File: BF096060.D  
Acq: 20 Jun 2017 23:28

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:284 Resp: 73279  
Ion Ratio Lower Upper  
284 100  
142 39.5 22.8 34.2#  
249 31.9 24.0 36.0

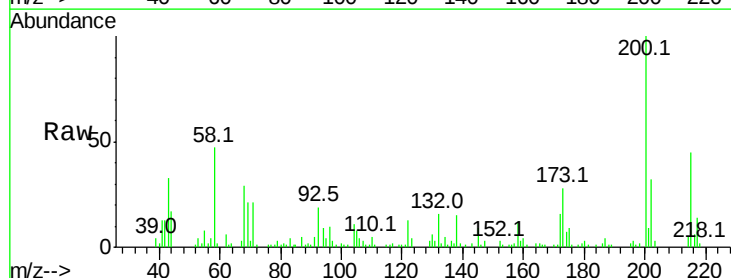


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

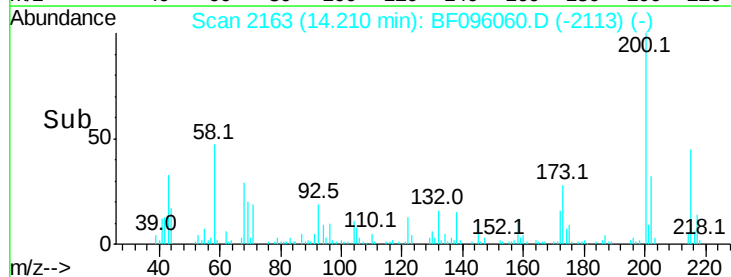
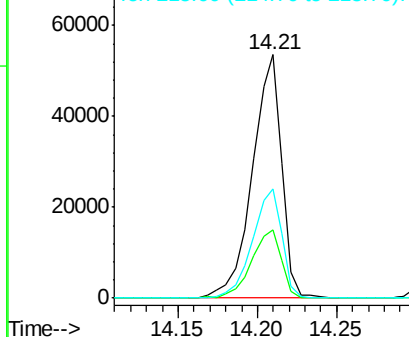


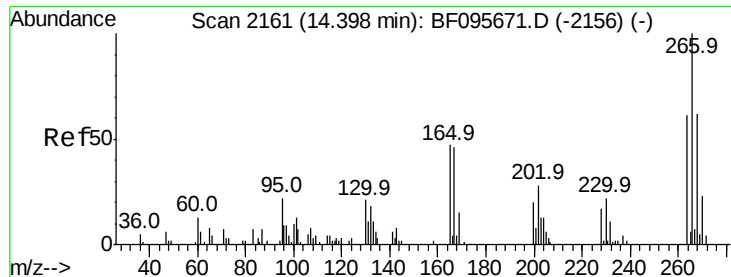
#68  
Atrazine  
Concen: 37.94 ng  
RT: 14.21 min Scan# 2163  
Delta R.T. -0.01 min  
Lab File: BF096060.D  
Acq: 20 Jun 2017 23:28

Tgt Ion:200 Resp: 68665  
Ion Ratio Lower Upper  
200 100  
173 28.0 6.3 46.3  
215 44.9 27.2 67.2



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

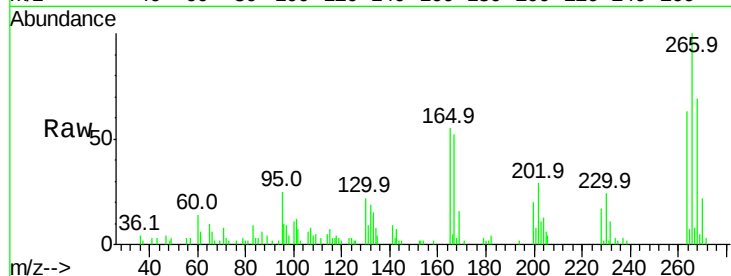




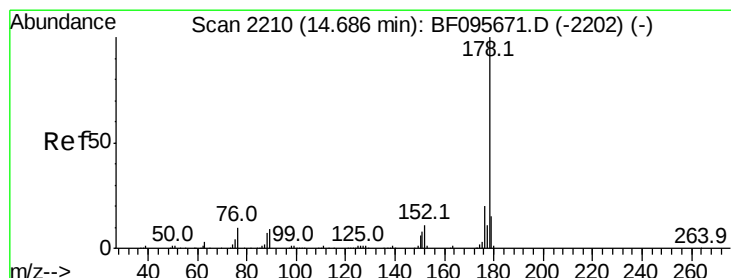
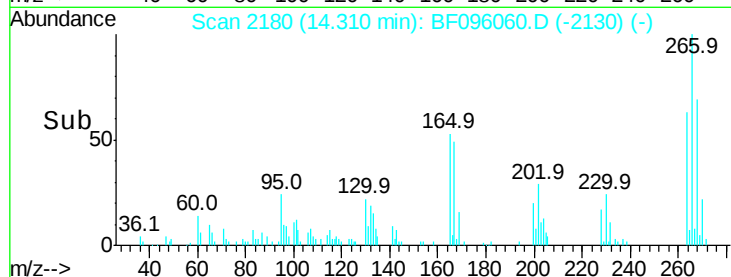
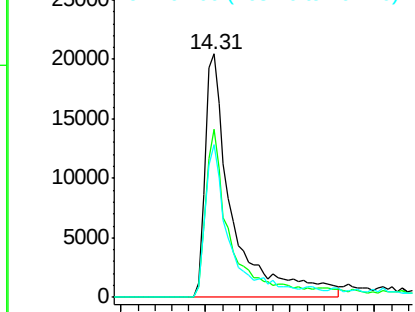
#69  
 Pentachlorophenol  
 Concen: 66.83 ng  
 RT: 14.31 min Scan# 2180  
 Delta R.T. -0.01 min  
 Lab File: BF096060.D  
 Acq: 20 Jun 2017 23:28

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:266 Resp: 46134  
 Ion Ratio Lower Upper  
 266 100  
 268 69.3 51.1 76.7  
 264 62.9 51.7 77.5

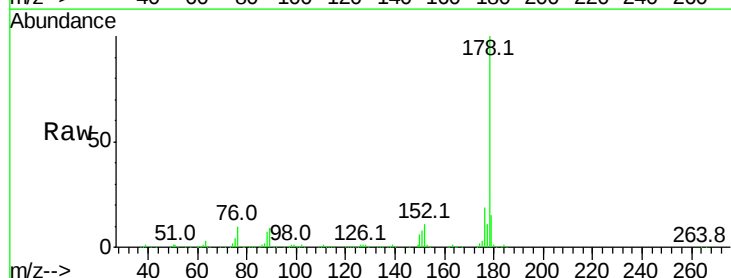


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

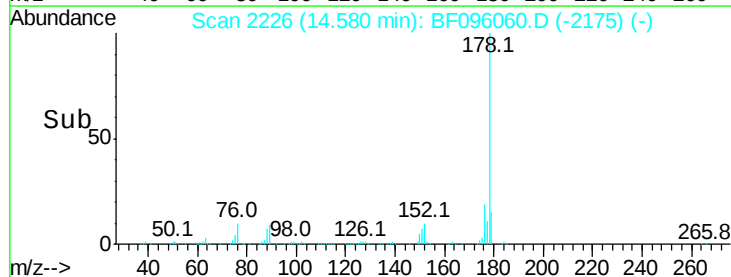
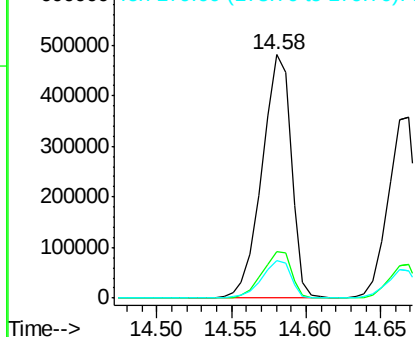


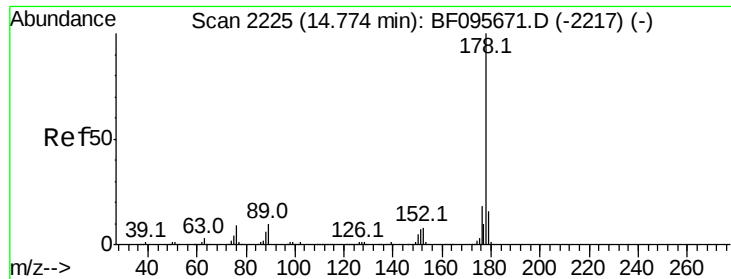
#70  
 Phenanthrene  
 Concen: 62.45 ng  
 RT: 14.58 min Scan# 2226  
 Delta R.T. 0.00 min  
 Lab File: BF096060.D  
 Acq: 20 Jun 2017 23:28

Tgt Ion:178 Resp: 652168  
 Ion Ratio Lower Upper  
 178 100  
 176 19.0 16.2 24.4  
 179 15.4 12.6 19.0



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

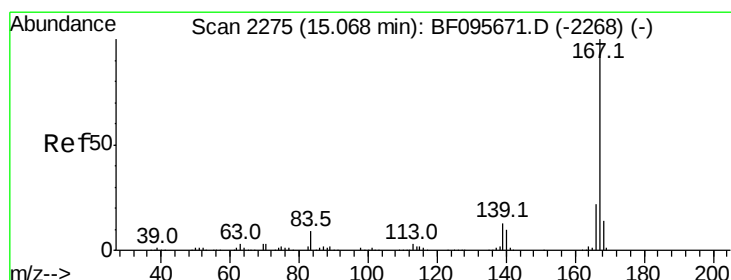
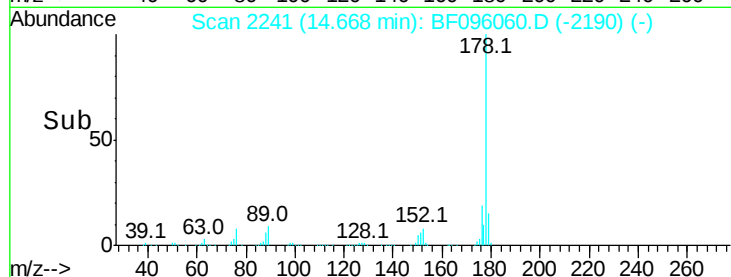
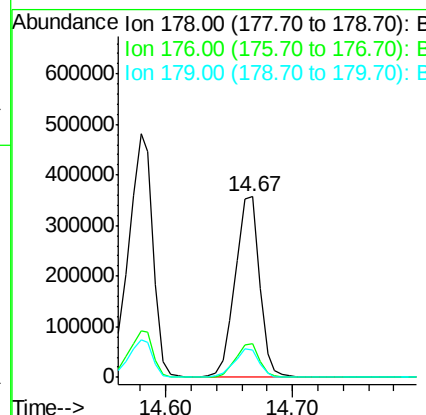
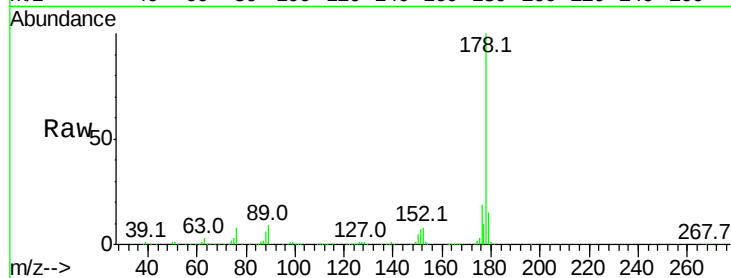




#71  
 Anthracene  
 Concen: 43.58 ng  
 RT: 14.67 min Scan# 2241  
 Delta R.T. 0.00 min  
 Lab File: BF096060.D  
 Acq: 20 Jun 2017 23:28

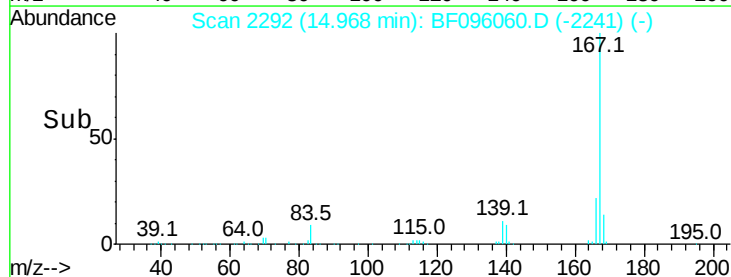
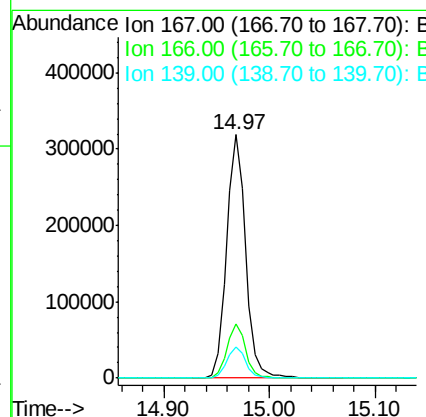
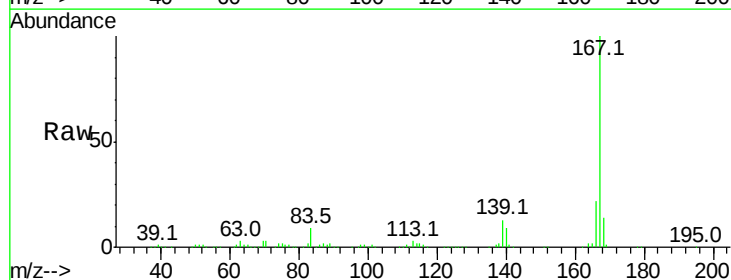
Instrument :  
 BNA\_F  
 ClientSampleId :

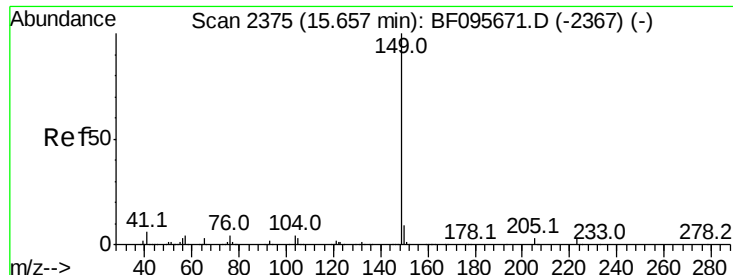
Tot Ion:178 Resp: 475140  
 Ion Ratio Lower Upper  
 178 100  
 176 18.8 15.8 23.8  
 179 15.1 12.7 19.1



#72  
 Carbazole  
 Concen: 37.73 ng  
 RT: 14.97 min Scan# 2292  
 Delta R.T. 0.00 min  
 Lab File: BF096060.D  
 Acq: 20 Jun 2017 23:28

Tgt Ion:167 Resp: 400852  
 Ion Ratio Lower Upper  
 167 100  
 166 22.4 18.1 27.1  
 139 12.7 11.7 17.5





#73

Di-n-butylphthalate

Concen: 43.70 ng

RT: 15.56 min Scan# 2393

Delta R.T. 0.00 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

Instrument :

BNA\_F

ClientSampled :

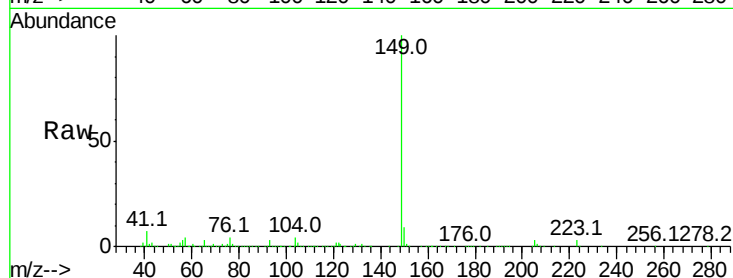
Tot Ion:149 Resp: 493907

Ion Ratio Lower Upper

149 100

150 9.0 7.7 11.5

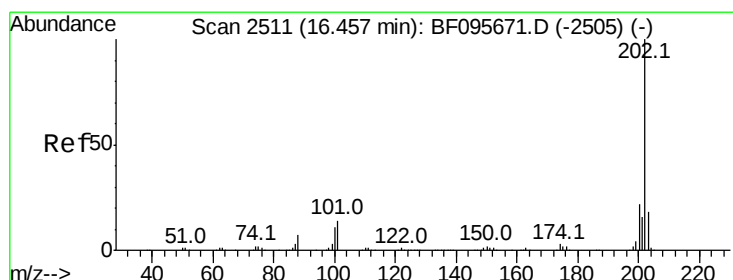
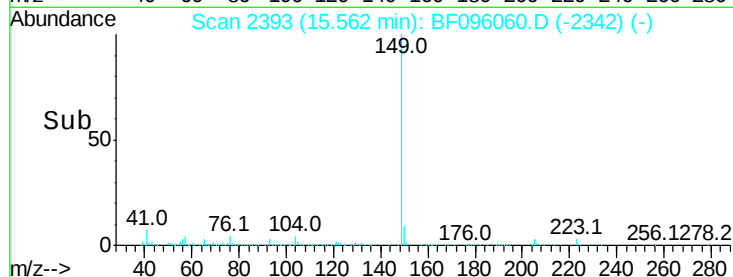
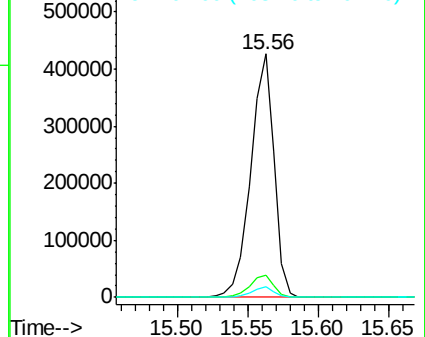
104 4.1 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 71.25 ng

RT: 16.37 min Scan# 2531

Delta R.T. 0.01 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

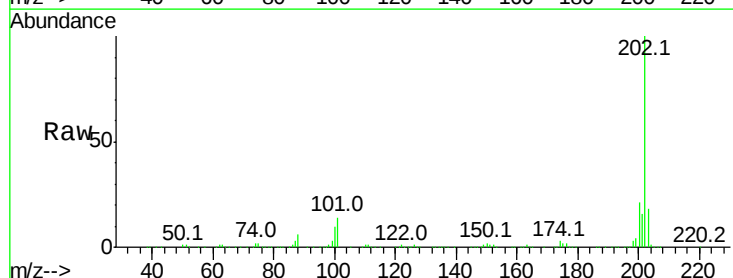
Tgt Ion:202 Resp: 736426

Ion Ratio Lower Upper

202 100

101 13.7 0.0 33.2

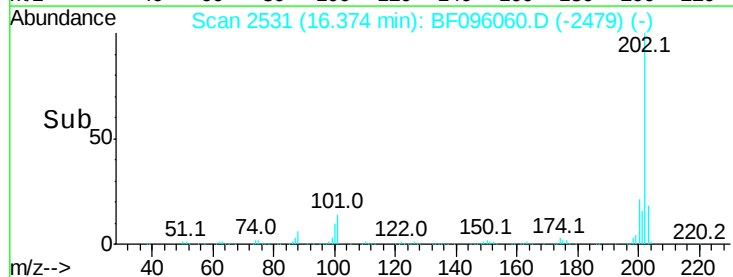
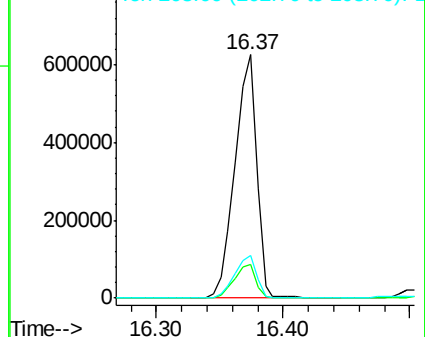
203 17.7 0.0 38.1

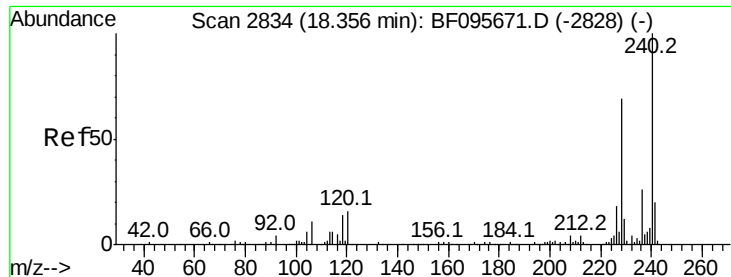


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.27 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

Instrument :

BNA\_F

ClientSampleId :

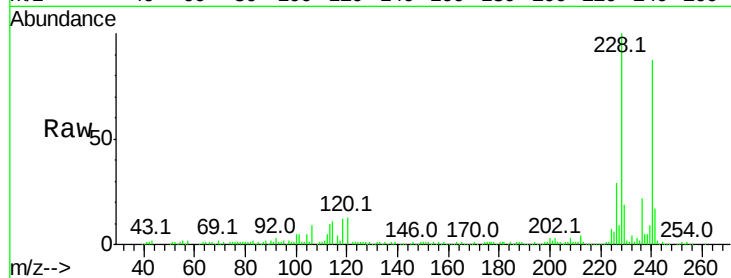
Tot Ion:240 Resp: 129377

Ion Ratio Lower Upper

240 100

120 15.3 5.8 8.8#

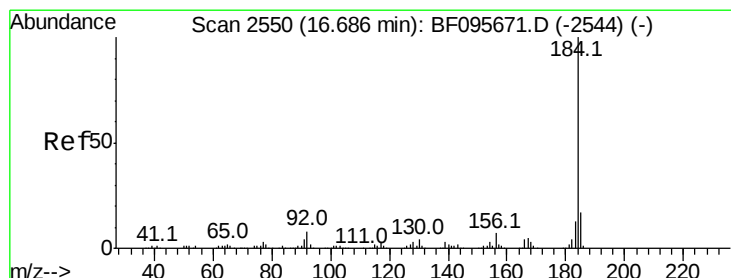
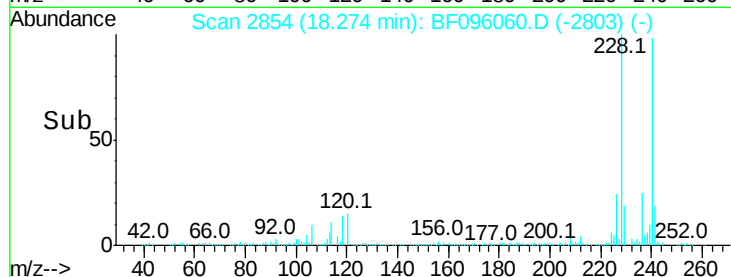
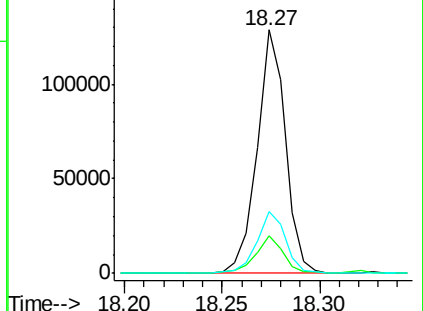
236 25.5 20.5 30.7



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: 40.78 ng

RT: 16.60 min Scan# 2570

Delta R.T. 0.01 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

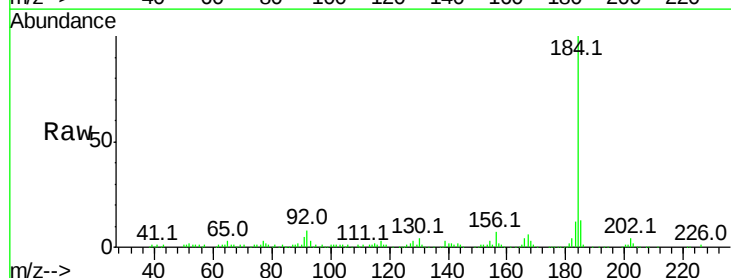
Tgt Ion:184 Resp: 202625

Ion Ratio Lower Upper

184 100

185 13.5 15.5 23.3#

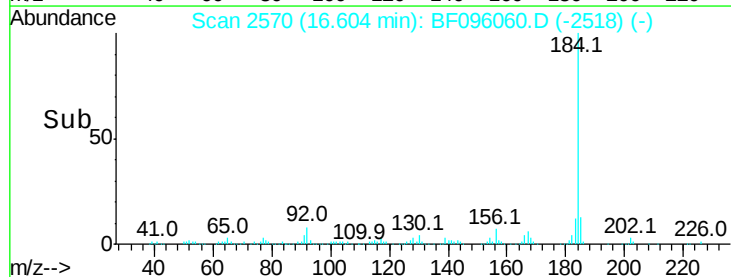
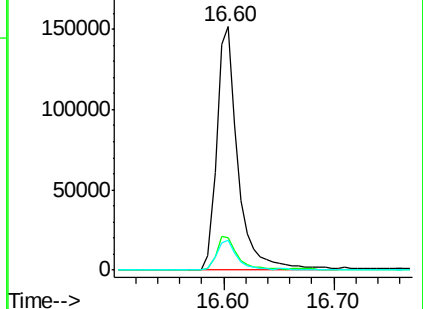
183 12.4 9.8 14.6

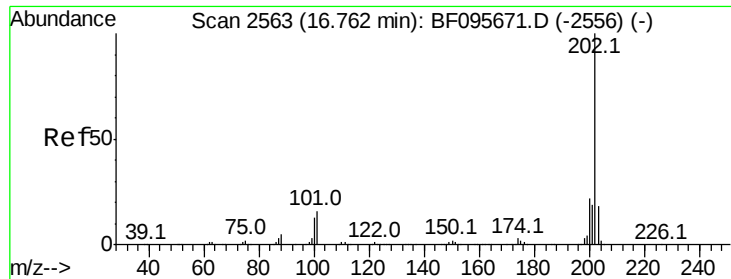


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 75.93 ng

RT: 16.67 min Scan# 2582

Delta R.T. 0.01 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

Instrument :

BNA\_F

ClientSampleId :

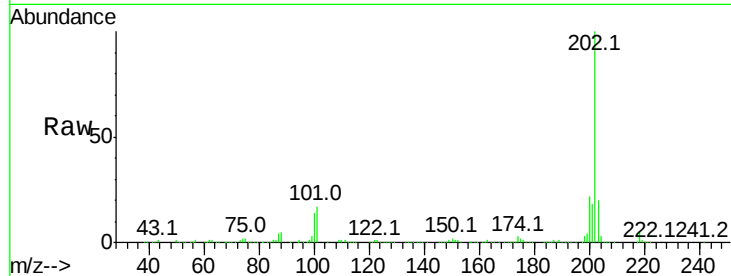
Tot Ion:202 Resp: 732983

Ion Ratio Lower Upper

202 100

200 21.8 17.6 26.4

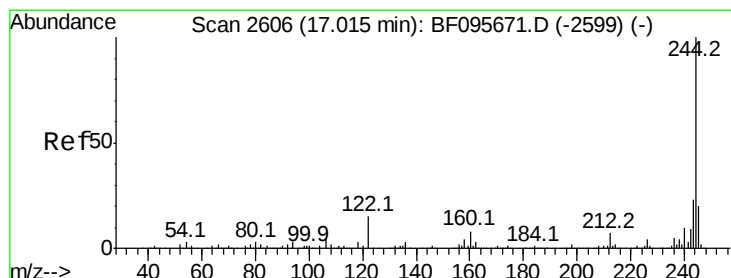
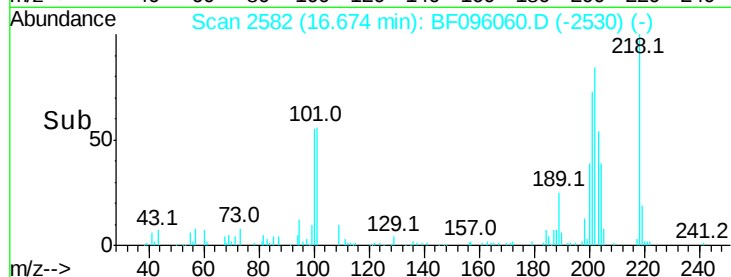
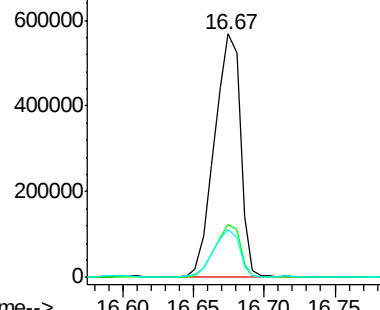
203 19.7 14.4 21.6



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: 72.53 ng

RT: 16.93 min Scan# 2625

Delta R.T. 0.00 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

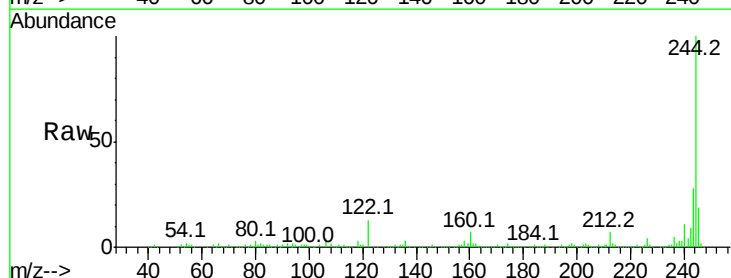
Tgt Ion:244 Resp: 378122

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

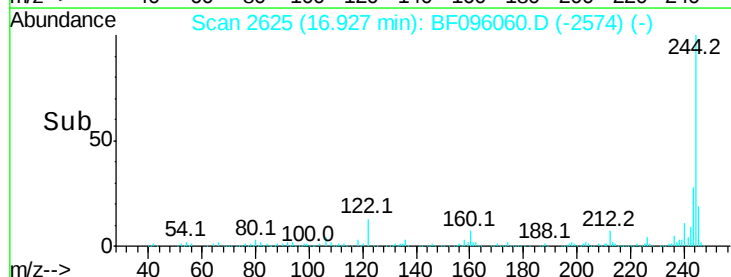
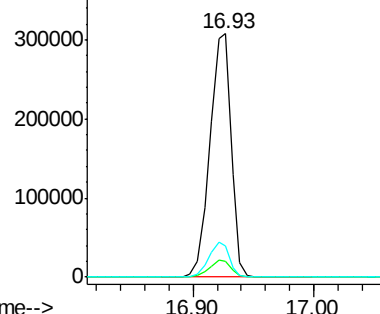
122 12.8 10.3 15.5

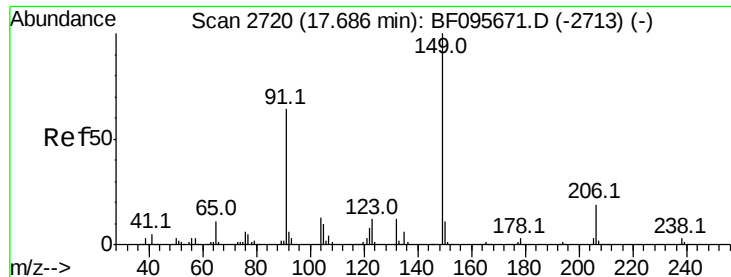


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

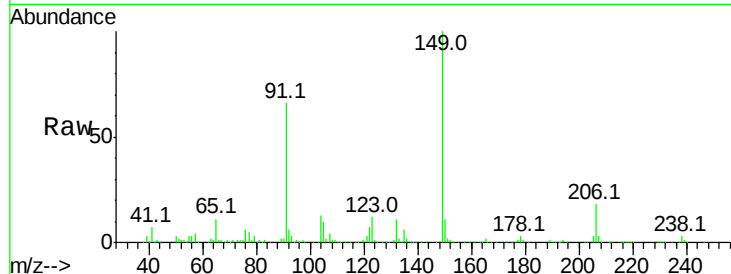




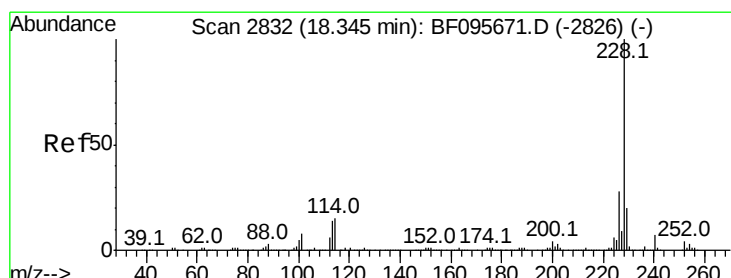
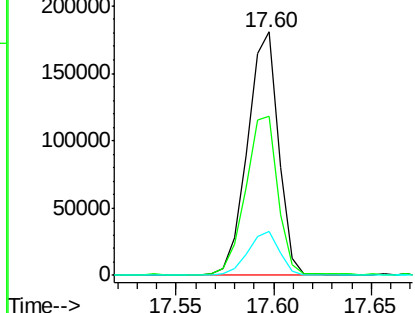
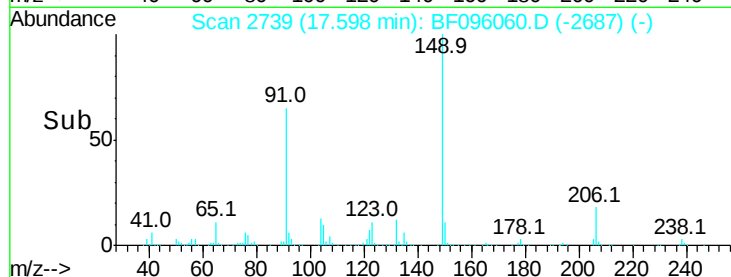
#79  
Butylbenzylphthalate  
Concen: 46.75 ng  
RT: 17.60 min Scan# 2739  
Delta R.T. 0.01 min  
Lab File: BF096060.D  
Acq: 20 Jun 2017 23:28

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:149 Resp: 197092  
Ion Ratio Lower Upper  
149 100  
91 65.6 45.0 67.4  
206 18.0 17.0 25.6

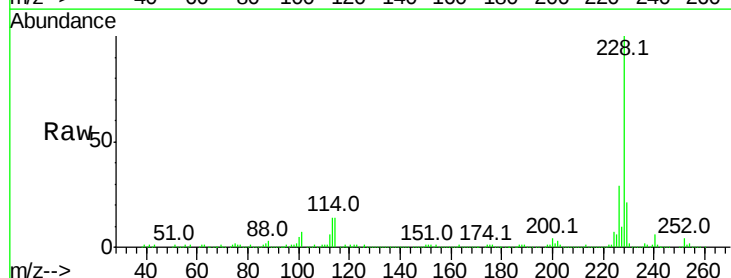


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 91.00 (90.70 to 91.70): BF0  
Ion 206.00 (205.70 to 206.70): E

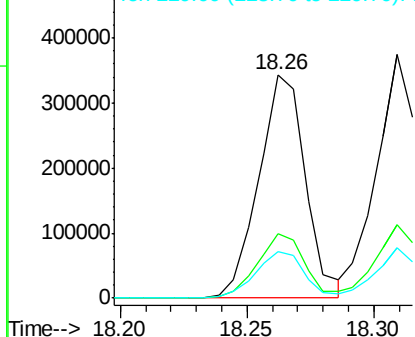
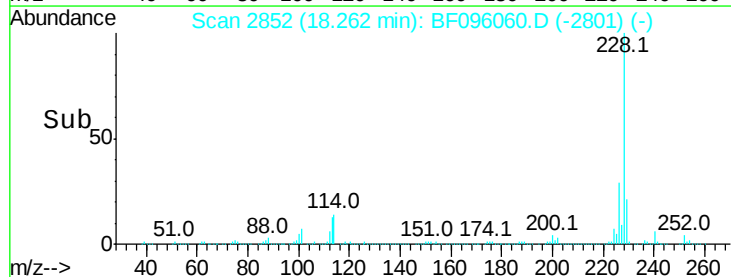


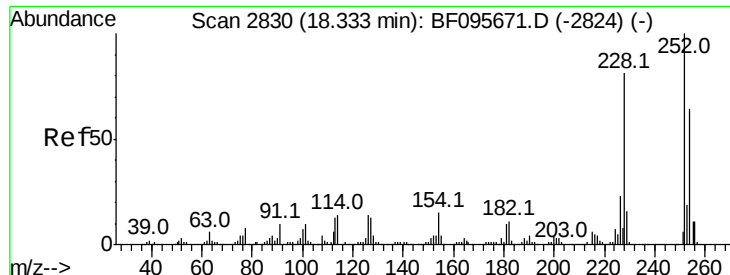
#80  
Benzo(a)anthracene  
Concen: 58.11 ng  
RT: 18.26 min Scan# 2852  
Delta R.T. 0.00 min  
Lab File: BF096060.D  
Acq: 20 Jun 2017 23:28

Tgt Ion:228 Resp: 437117  
Ion Ratio Lower Upper  
228 100  
226 29.0 22.6 33.8  
229 20.9 16.3 24.5



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

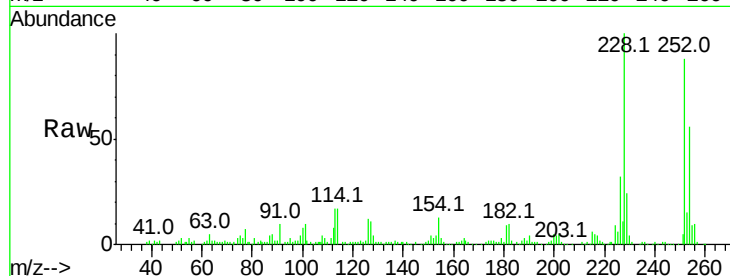




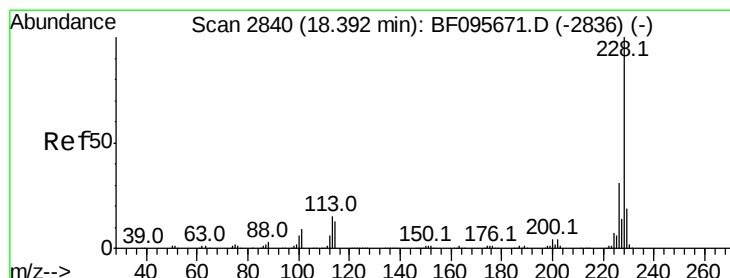
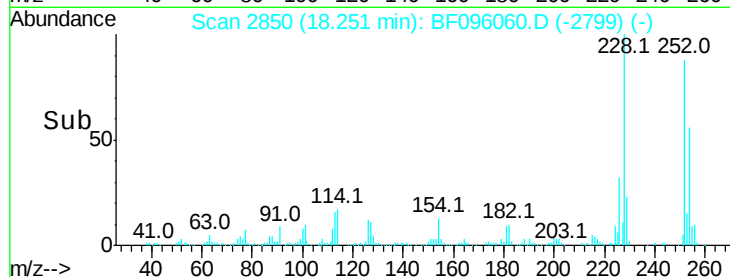
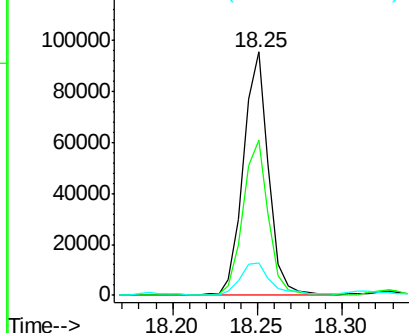
#81  
 3,3'-Dichlorobenzidine  
 Concen: 37.20 ng  
 RT: 18.25 min Scan# 2850  
 Delta R.T. 0.00 min  
 Lab File: BF096060.D  
 Acq: 20 Jun 2017 23:28

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:252 Resp: 99477  
 Ion Ratio Lower Upper  
 252 100  
 254 63.7 51.5 77.3  
 126 13.4 15.8 23.8#

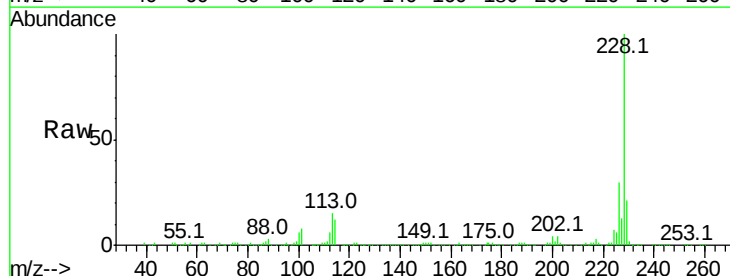


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

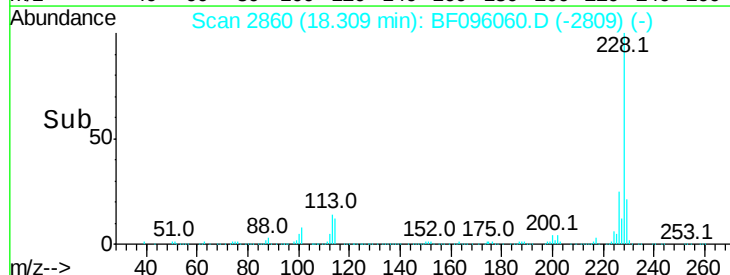
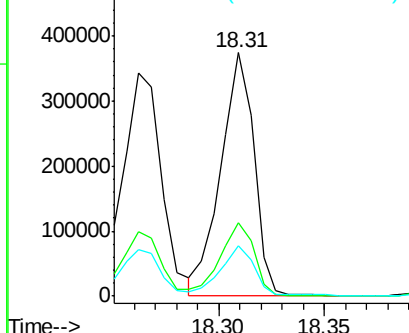


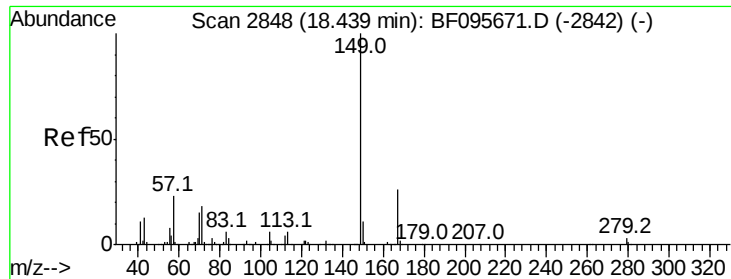
#82  
 Chrysene  
 Concen: 53.92 ng  
 RT: 18.31 min Scan# 2860  
 Delta R.T. 0.00 min  
 Lab File: BF096060.D  
 Acq: 20 Jun 2017 23:28

Tgt Ion:228 Resp: 405307  
 Ion Ratio Lower Upper  
 228 100  
 226 30.2 24.9 37.3  
 229 20.7 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

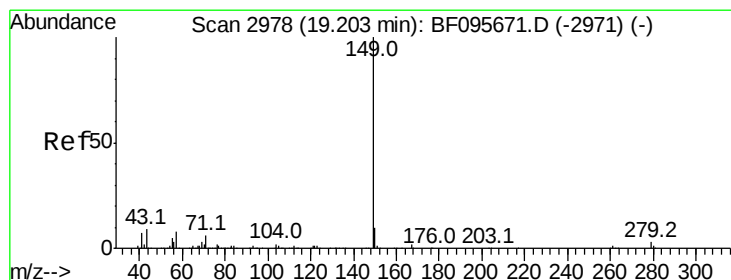
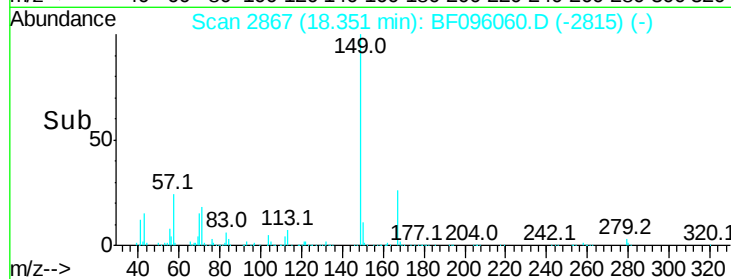
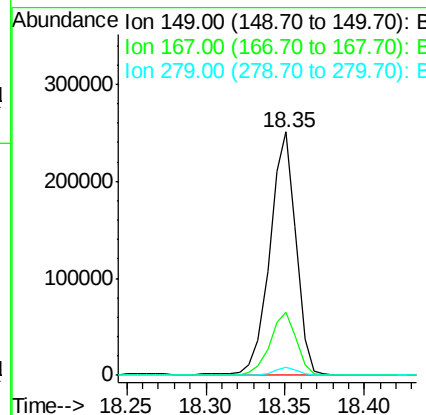
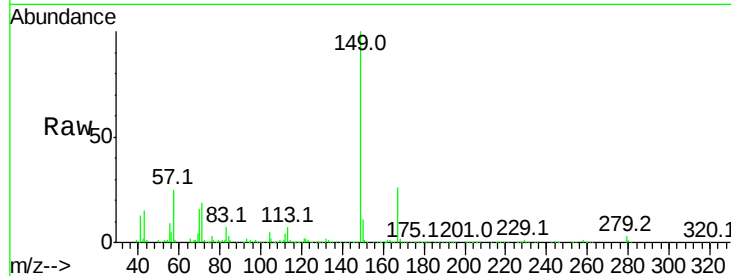




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 48.31 ng  
 RT: 18.35 min Scan# 2867  
 Delta R.T. 0.01 min  
 Lab File: BF096060.D  
 Acq: 20 Jun 2017 23:28

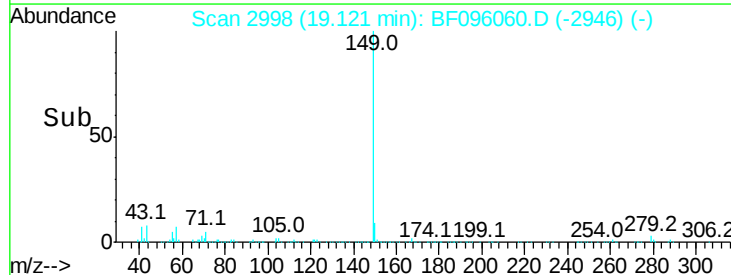
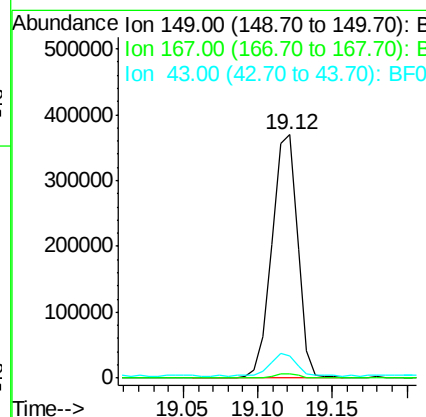
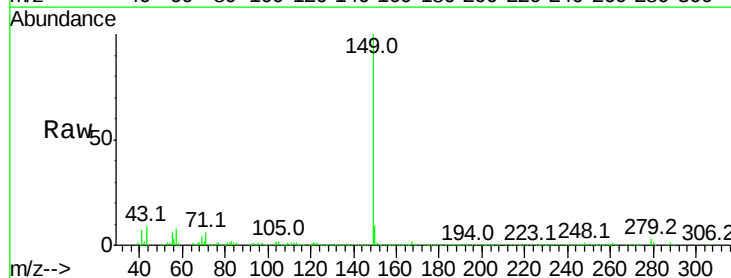
Instrument :  
 BNA\_F  
 ClientSampleId :

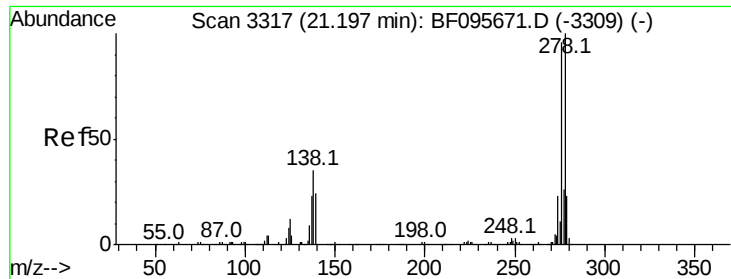
Tot Ion:149 Resp: 287277  
 Ion Ratio Lower Upper  
 149 100  
 167 26.0 21.0 31.4  
 279 3.1 1.9 2.9#



#84  
 Di-n-octyl phthalate  
 Concen: 44.73 ng  
 RT: 19.12 min Scan# 2998  
 Delta R.T. 0.01 min  
 Lab File: BF096060.D  
 Acq: 20 Jun 2017 23:28

Tgt Ion:149 Resp: 438302  
 Ion Ratio Lower Upper  
 149 100  
 167 1.6 1.2 1.8  
 43 9.3 8.5 12.7

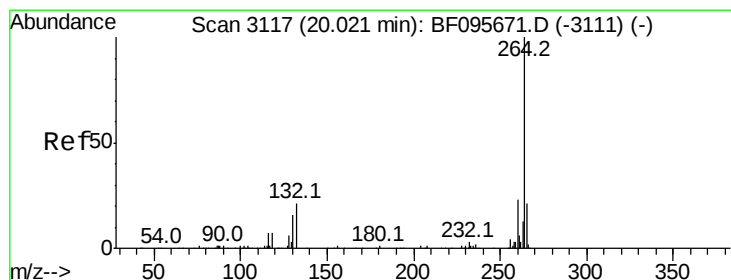
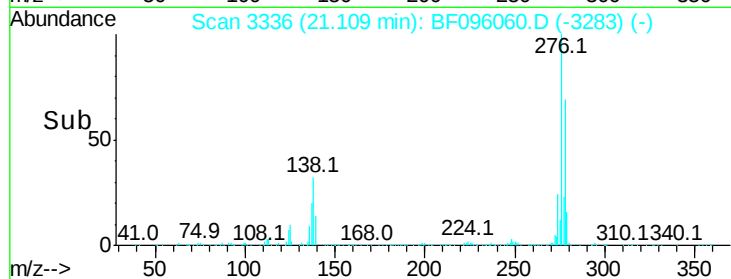
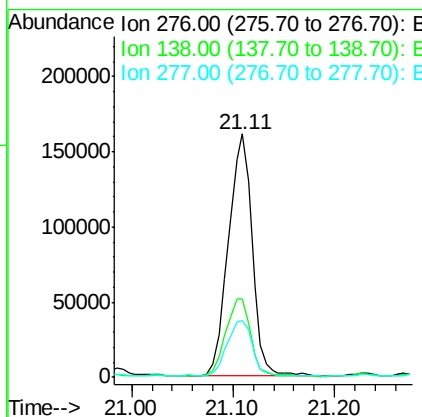
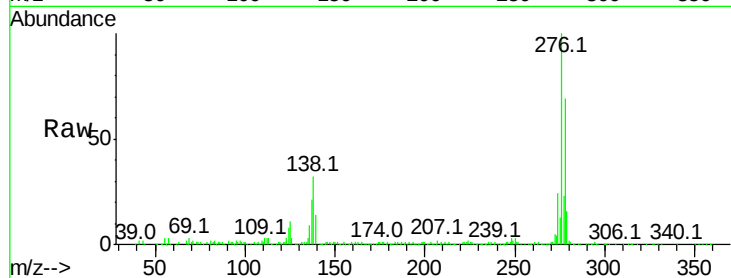




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 40.63 ng  
 RT: 21.11 min Scan# 3336  
 Delta R.T. 0.01 min  
 Lab File: BF096060.D  
 Acq: 20 Jun 2017 23:28

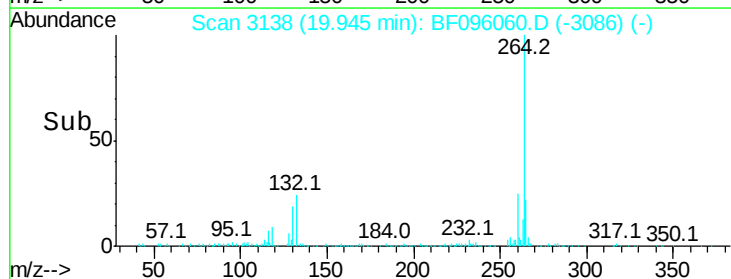
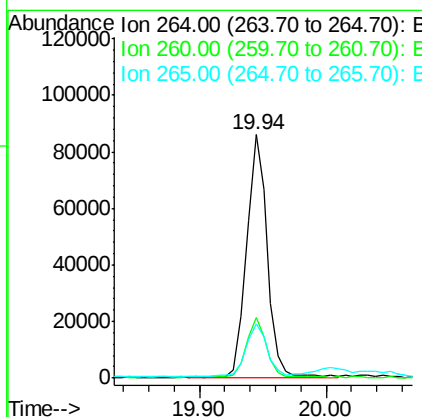
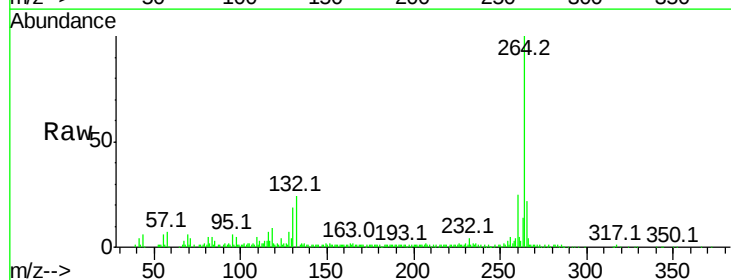
Instrument :  
 BNA\_F  
 ClientSampleId :

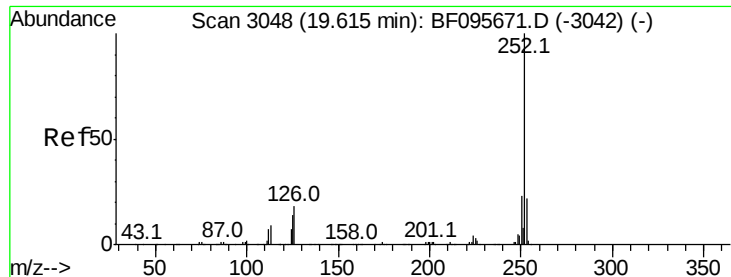
Tot Ion:276 Resp: 261293  
 Ion Ratio Lower Upper  
 276 100  
 138 34.1 27.8 41.6  
 277 24.3 20.2 30.4



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 19.94 min Scan# 3138  
 Delta R.T. 0.01 min  
 Lab File: BF096060.D  
 Acq: 20 Jun 2017 23:28

Tgt Ion:264 Resp: 98169  
 Ion Ratio Lower Upper  
 264 100  
 260 24.9 19.5 29.3  
 265 22.4 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 59.84 ng

RT: 19.54 min Scan# 3070

Delta R.T. 0.01 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

Instrument :

BNA\_F

ClientSampleId :

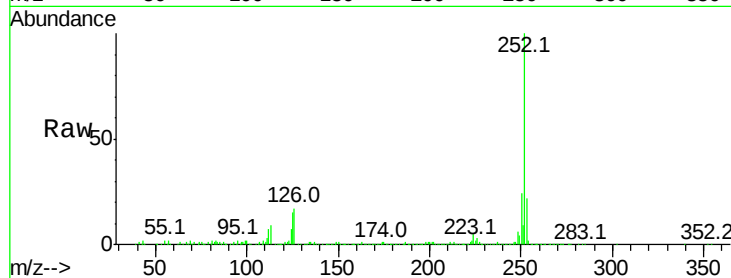
Tot Ion:252 Resp: 367867

Ion Ratio Lower Upper

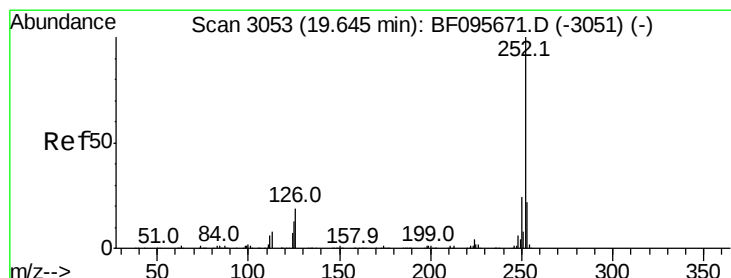
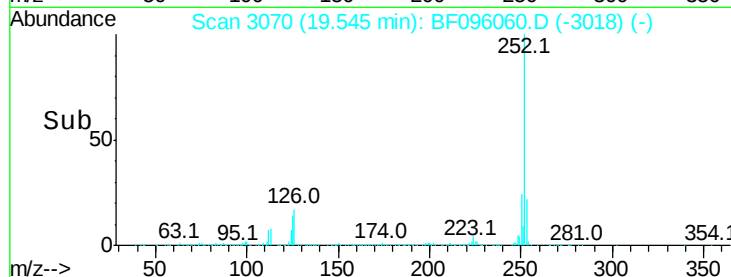
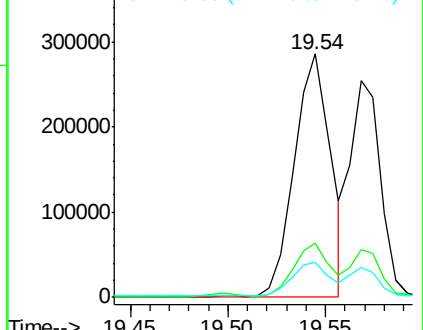
252 100

253 22.2 18.1 27.1

125 14.5 9.8 14.8



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



#88

Benzo(k)fluoranthene

Concen: 46.34 ng

RT: 19.57 min Scan# 3074

Delta R.T. 0.00 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

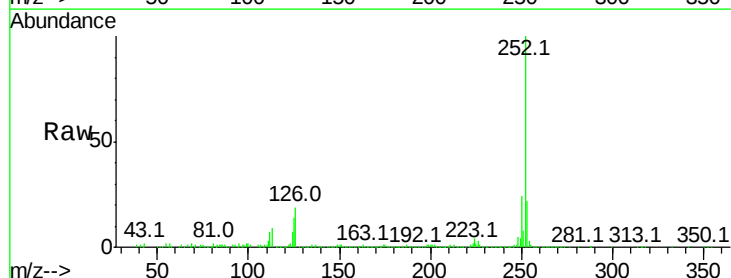
Tgt Ion:252 Resp: 272248

Ion Ratio Lower Upper

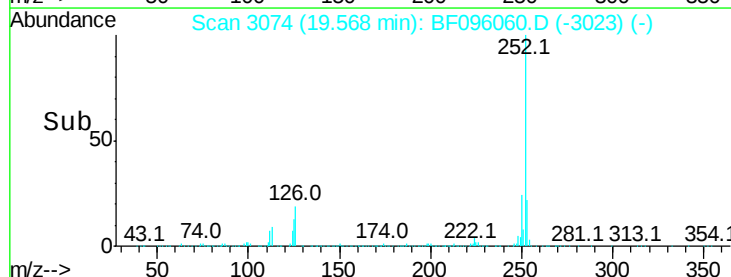
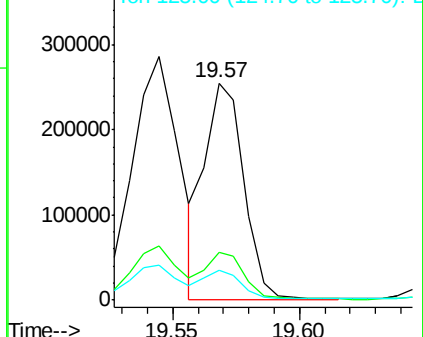
252 100

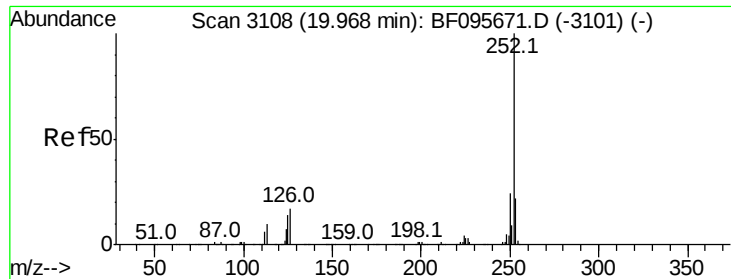
253 21.8 18.4 27.6

125 13.7 13.1 19.7



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

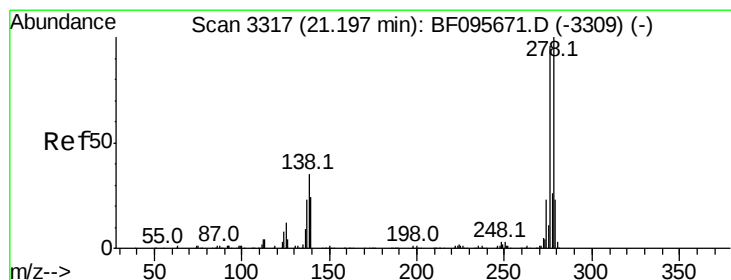
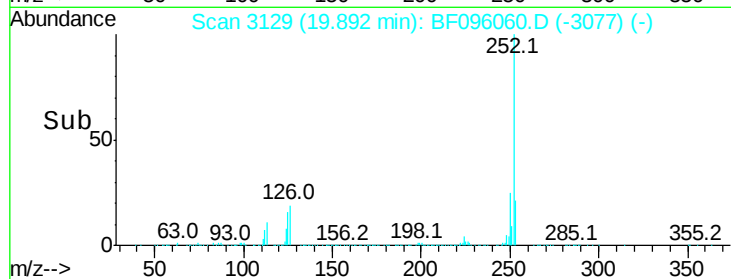
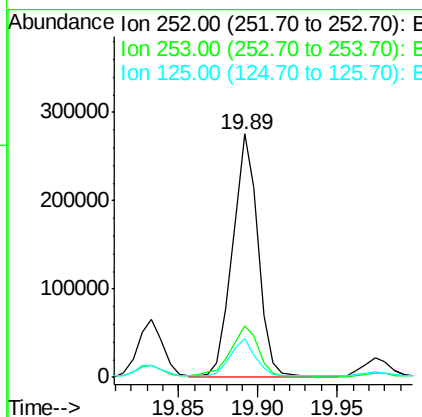
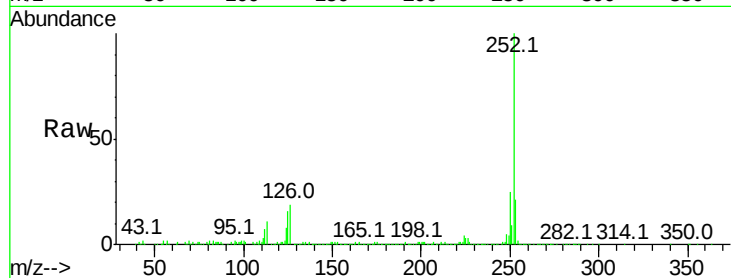




#89  
Benzo(a)pyrene  
Concen: 53.71 ng  
RT: 19.89 min Scan# 3129  
Delta R.T. 0.01 min  
Lab File: BF096060.D  
Acq: 20 Jun 2017 23:28

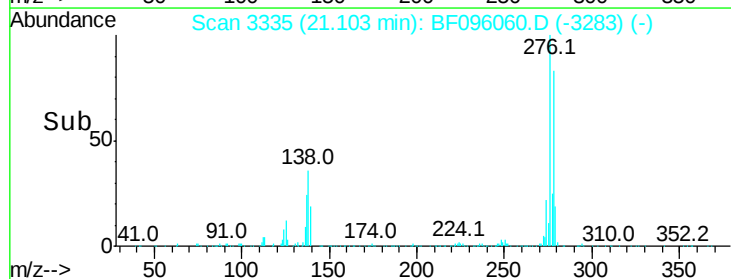
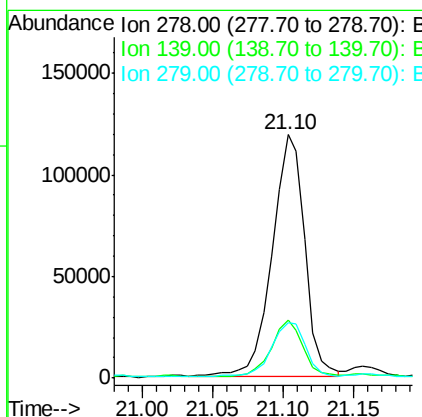
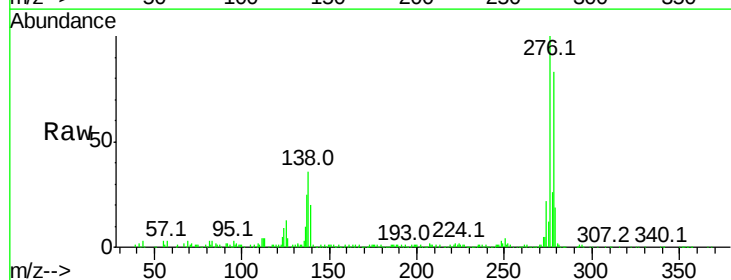
Instrument :  
BNA\_F  
ClientSampleId :

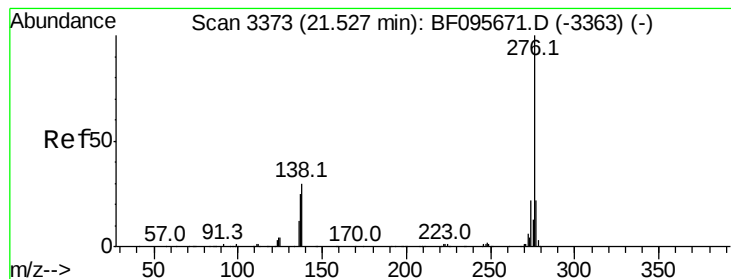
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.5  | 17.5  | 26.3  |
| 125     | 15.7  | 11.0  | 16.4  |



#90  
Dibenzo(a,h)anthracene  
Concen: 39.62 ng  
RT: 21.10 min Scan# 3335  
Delta R.T. 0.01 min  
Lab File: BF096060.D  
Acq: 20 Jun 2017 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 23.8  | 16.6  | 24.8  |
| 279     | 23.0  | 19.3  | 28.9  |

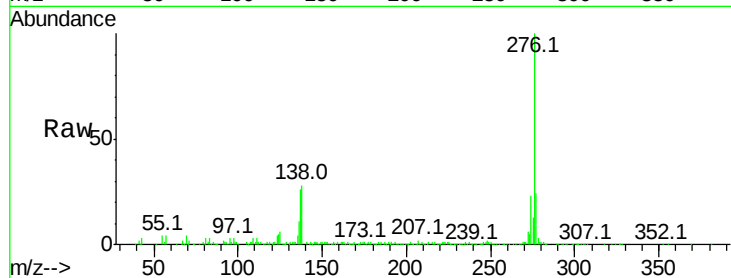




#91  
 Benzo(a,h,i)perylene  
 Concen: 46.16 ng  
 RT: 21.43 min Scan# 3391  
 Delta R.T. 0.01 min  
 Lab File: BF096060.D  
 Acq: 20 Jun 2017 23:28

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.6  | 18.6  | 28.0  |
| 138     | 28.2  | 25.4  | 38.0  |



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

