

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070519\  
 Data File : BF115388.D  
 Acq On : 5 Jul 2019 10:41  
 Operator : HP/JU  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jul 05 11:49:32 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 05 11:41:25 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.90  | 152  | 155605   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.18  | 136  | 646103   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.93  | 164  | 326649   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.42 | 188  | 607927   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.06 | 240  | 427587   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 15.54 | 264  | 401704   | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.52  | 112 | 1179428 | 116.97 | ng | 0.00 |
| 7) Phenol-d6             | 6.53  | 99  | 1500916 | 122.64 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.46  | 82  | 1357473 | 129.24 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.72 | 330 | 420518  | 122.08 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.26  | 172 | 2161415 | 112.40 | ng | 0.00 |
| 79) Terphenyl-d14        | 13.00 | 244 | 2397140 | 119.20 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.70 | 88  | 293489  | 61.672 | ng | 100    |
| 3) Pyridine                    | 3.46 | 79  | 811422  | 60.495 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.42 | 42  | 329202  | 62.607 | ng | 97     |
| 6) Aniline                     | 6.56 | 93  | 1080994 | 64.266 | ng | 98     |
| 8) 2-Chlorophenol              | 6.69 | 128 | 670128  | 59.103 | ng | 98     |
| 9) Benzaldehyde                | 6.45 | 77  | 410801  | 51.448 | ng | 99     |
| 10) Phenol                     | 6.54 | 94  | 907415  | 63.295 | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 6.63 | 93  | 674864  | 63.860 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 6.84 | 146 | 728110  | 57.863 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.92 | 146 | 734743  | 58.228 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.07 | 146 | 672900  | 57.585 | ng | 98     |
| 15) Benzyl Alcohol             | 7.04 | 79  | 615349  | 69.047 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.17 | 45  | 937720  | 61.180 | ng | 100    |
| 17) 2-Methylphenol             | 7.15 | 107 | 577334  | 61.688 | ng | 99     |
| 18) Hexachloroethane           | 7.42 | 117 | 277707  | 61.046 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 7.32 | 70  | 513539  | 65.540 | ng | 100    |
| 20) 3+4-Methylphenols          | 7.30 | 107 | 661053  | 61.171 | ng | 91     |
| 22) Acetophenone               | 7.31 | 105 | 901609  | 60.955 | ng | 98     |
| 24) Nitrobenzene               | 7.48 | 77  | 755123  | 65.260 | ng | 98     |
| 25) Isophorone                 | 7.72 | 82  | 1417516 | 65.882 | ng | 99     |
| 26) 2-Nitrophenol              | 7.79 | 139 | 335329  | 58.682 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 7.83 | 122 | 573896  | 61.340 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.93 | 93  | 874302  | 64.291 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 8.03 | 162 | 575825  | 59.638 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 8.12 | 180 | 637964  | 59.818 | ng | 100    |
| 31) Naphthalene                | 8.20 | 128 | 1860792 | 58.671 | ng | 99     |
| 32) Benzoic acid               | 7.97 | 122 | 395619  | 59.238 | ng | 97     |
| 33) 4-Chloroaniline            | 8.25 | 127 | 840501  | 57.987 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.33 | 225 | 361821  | 61.908 | ng | 99     |
| 35) Caprolactam                | 8.63 | 113 | 154183  | 47.497 | ng | 99     |
| 36) 4-Chloro-3-methylphenol    | 8.73 | 107 | 599078  | 61.267 | ng | 98     |
| 37) 2-Methylnaphthalene        | 8.89 | 142 | 1248327 | 58.376 | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.99 | 142 | 1191498 | 58.340 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.06 | 216 | 539905  | 58.491 | ng | 100    |

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 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

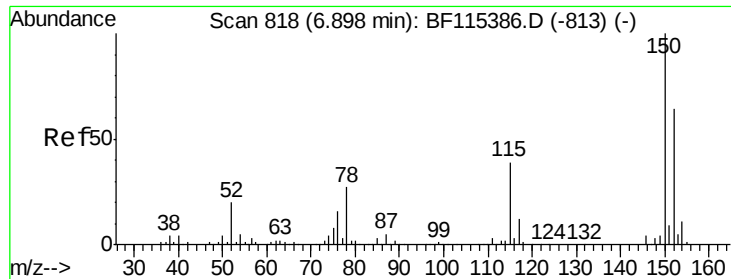
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jul 05 11:49:32 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 05 11:41:25 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.05  | 237  | 329555   | 60.211 | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 9.17  | 196  | 404232   | 56.724 | nq    | 98       |
| 44) 2,4,5-Trichlorophenol      | 9.20  | 196  | 426544   | 58.122 | nq    | 98       |
| 46) 1,1'-Biphenyl              | 9.36  | 154  | 1478881  | 56.583 | nq    | 99       |
| 47) 2-Chloronaphthalene        | 9.39  | 162  | 1233521  | 58.183 | nq    | 99       |
| 48) 2-Nitroaniline             | 9.47  | 65   | 387356   | 62.670 | nq    | 91       |
| 49) Acenaphthylene             | 9.80  | 152  | 1835898  | 55.580 | nq    | 100      |
| 50) Dimethylphthalate          | 9.66  | 163  | 1391927  | 57.919 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.72  | 165  | 319168   | 57.525 | nq    | 96       |
| 52) Acenaphthene               | 9.97  | 154  | 1159633  | 56.104 | nq    | 99       |
| 53) 3-Nitroaniline             | 9.89  | 138  | 365162   | 53.932 | nq    | 99       |
| 54) 2,4-Dinitrophenol          | 9.98  | 184  | 127301   | 52.013 | nq    | # 31     |
| 55) Dibenzofuran               | 10.15 | 168  | 1625347  | 54.788 | nq    | 97       |
| 56) 4-Nitrophenol              | 10.03 | 139  | 288511   | 53.151 | nq    | 97       |
| 57) 2,4-Dinitrotoluene         | 10.12 | 165  | 421842   | 58.883 | nq    | 91       |
| 58) Fluorene                   | 10.49 | 166  | 1173141  | 53.131 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.26 | 232  | 362475   | 58.904 | nq    | 100      |
| 60) Diethylphthalate           | 10.36 | 149  | 1385096  | 57.336 | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.47 | 204  | 599059   | 56.893 | nq    | 98       |
| 62) 4-Nitroaniline             | 10.50 | 138  | 362365   | 53.349 | nq    | 99       |
| 63) Azobenzene                 | 10.63 | 77   | 1413329  | 62.637 | nq    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 10.53 | 198  | 182117   | 60.154 | nq    | 96       |
| 66) n-Nitrosodiphenylamine     | 10.59 | 169  | 1140904  | 60.238 | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.96 | 248  | 413369   | 62.716 | nq    | 99       |
| 68) Hexachlorobenzene          | 11.03 | 284  | 455575   | 63.678 | nq    | 97       |
| 69) Atrazine                   | 11.12 | 200  | 350815   | 57.581 | nq    | 99       |
| 70) Pentachlorophenol          | 11.22 | 266  | 287678   | 63.118 | nq    | 99       |
| 71) Phenanthrene               | 11.44 | 178  | 1854021  | 56.643 | nq    | 99       |
| 72) Anthracene                 | 11.50 | 178  | 1853143  | 56.087 | nq    | 100      |
| 73) Carbazole                  | 11.64 | 167  | 1702160  | 57.693 | nq    | 99       |
| 74) Di-n-butylphthalate        | 11.98 | 149  | 2071797  | 60.768 | nq    | 99       |
| 75) Fluoranthene               | 12.63 | 202  | 1928798  | 59.061 | nq    | 99       |
| 77) Benzidine                  | 12.74 | 184  | 951931   | 50.137 | nq    | 96       |
| 78) Pyrene                     | 12.86 | 202  | 1966177  | 59.834 | nq    | 100      |
| 80) Butylbenzylphthalate       | 13.47 | 149  | 888696   | 61.283 | nq    | 98       |
| 81) Benzo(a)anthracene         | 14.05 | 228  | 1568893  | 51.136 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 14.01 | 252  | 575862   | 51.976 | nq    | 99       |
| 83) Chrysene                   | 14.09 | 228  | 1669451  | 59.402 | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 14.04 | 149  | 1040514  | 54.759 | nq    | 99       |
| 85) Di-n-octyl phthalate       | 14.67 | 149  | 1924295  | 60.273 | nq    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 17.03 | 276  | 1332777  | 40.077 | nq    | # 100    |
| 88) Benzo(b)fluoranthene       | 15.12 | 252  | 1533368  | 61.175 | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 15.14 | 252  | 1448132  | 64.424 | nq    | 99       |
| 90) Benzo(a)pyrene             | 15.49 | 252  | 1357645  | 60.095 | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 17.04 | 278  | 1104018  | 52.346 | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.47 | 276  | 1036334  | 48.549 | nq    | 99       |

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



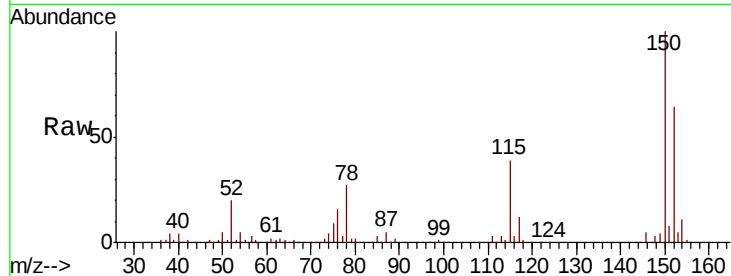


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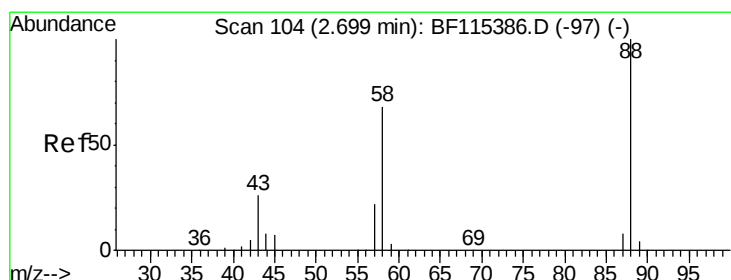
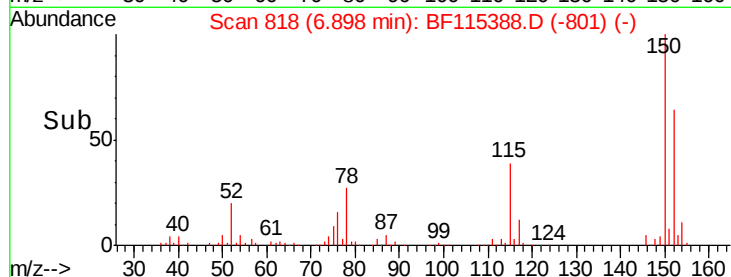
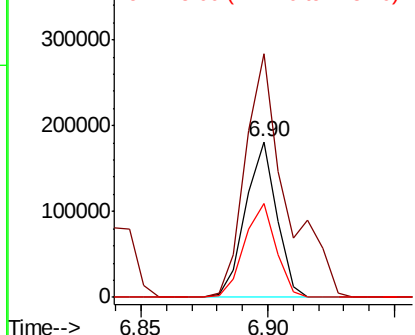
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.90 min Scan# 818  
Delta R.T. -0.00 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:152 Resp: 155605  
Ion Ratio Lower Upper  
152 100  
150 156.3 124.7 187.1  
115 60.3 48.1 72.1



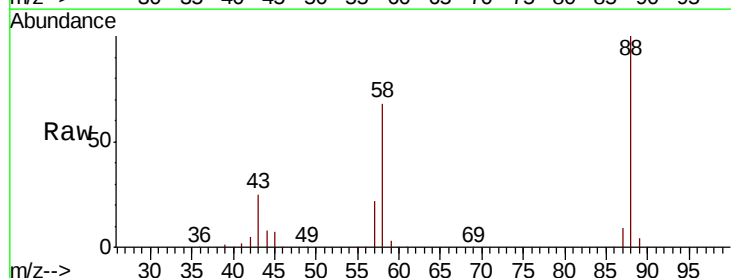
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



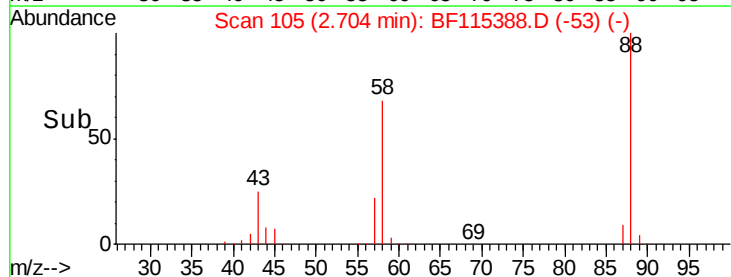
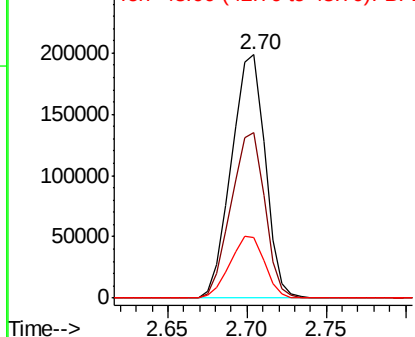
#2

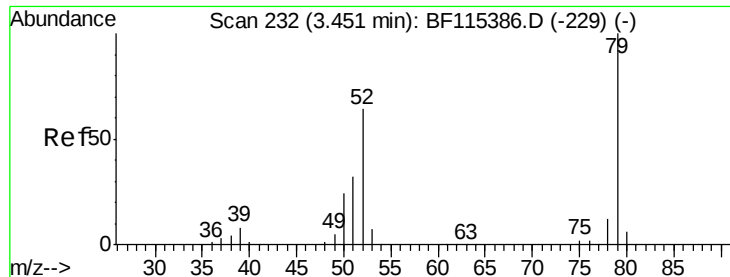
1,4-Dioxane  
Concen: 61.672 ng  
RT: 2.70 min Scan# 105  
Delta R.T. 0.01 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Tgt Ion: 88 Resp: 293489  
Ion Ratio Lower Upper  
88 100  
58 68.1 54.6 82.0  
43 26.2 21.4 32.0



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

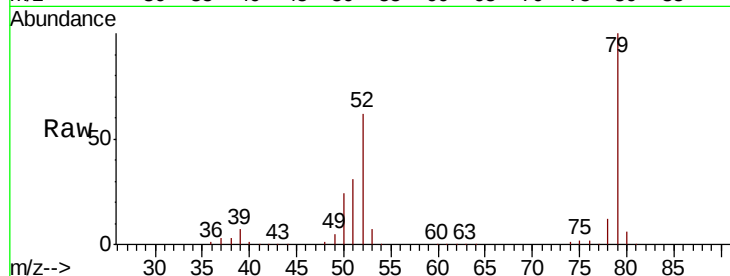




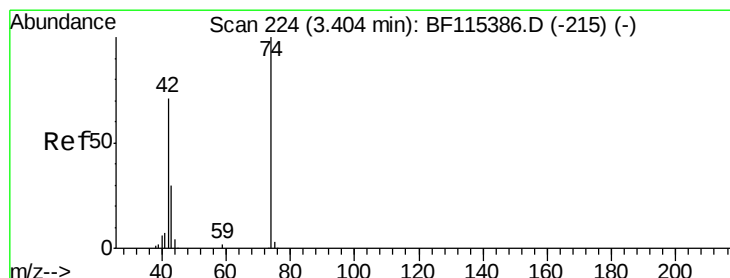
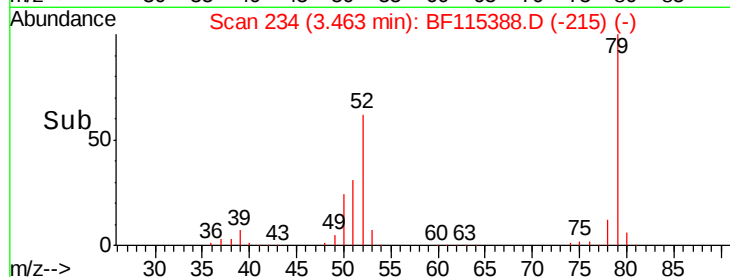
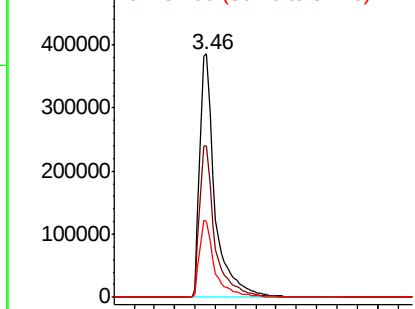
#3  
 Pvridine  
 Concen: 60.495 ng  
 RT: 3.46 min Scan# 234  
 Delta R.T. 0.01 min  
 Lab File: BF115388.D  
 Acq: 5 Jul 2019 10:41

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion: 79 Resp: 811422  
 Ion Ratio Lower Upper  
 79 100  
 52 62.0 50.9 76.3  
 51 31.3 25.8 38.6

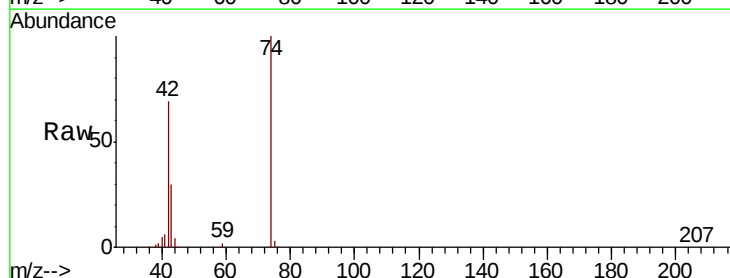


Abundance Ion 79.00 (78.70 to 79.70): BF1  
 Ion 52.00 (51.70 to 52.70): BF1  
 Ion 51.00 (50.70 to 51.70): BF1

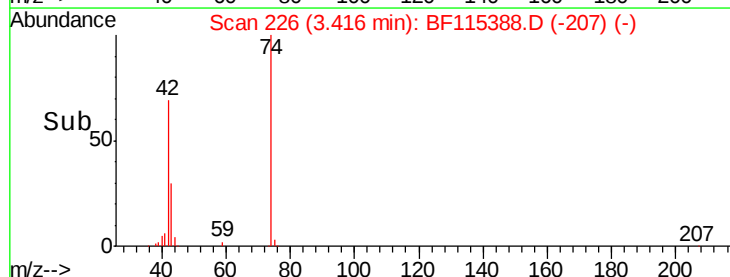
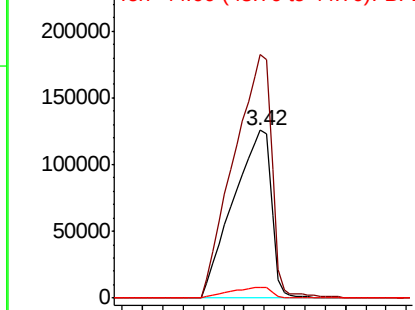


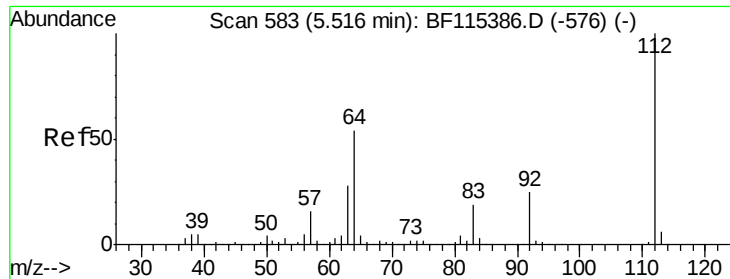
#4  
 n-Nitrosodimethylamine  
 Concen: 62.607 ng  
 RT: 3.42 min Scan# 226  
 Delta R.T. 0.01 min  
 Lab File: BF115388.D  
 Acq: 5 Jul 2019 10:41

Tgt Ion: 42 Resp: 329202  
 Ion Ratio Lower Upper  
 42 100  
 74 145.0 112.8 169.2  
 44 6.5 5.4 8.0



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





#5

2-Fluorophenol

Concen: 116.966 ng

RT: 5.52 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

Instrument :

BNA\_F

ClientSampled :

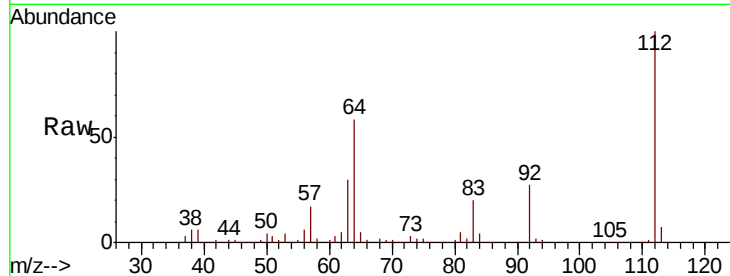
Tot Ion: 112 Resp: 1179428

Ion Ratio Lower Upper

112 100

64 58.1 43.0 64.6

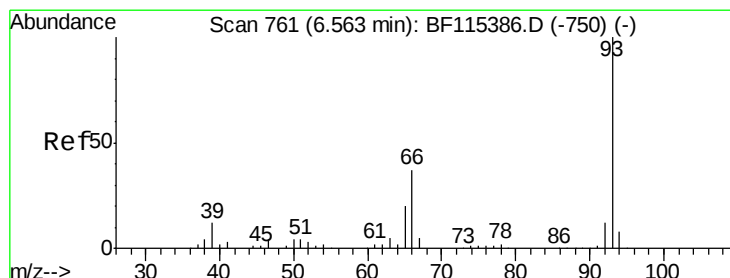
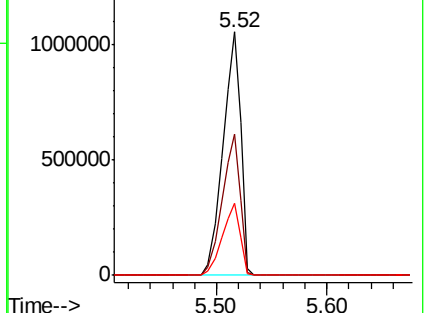
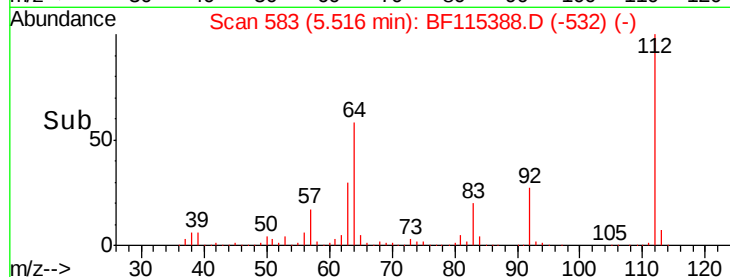
63 29.8 22.2 33.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 64.266 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

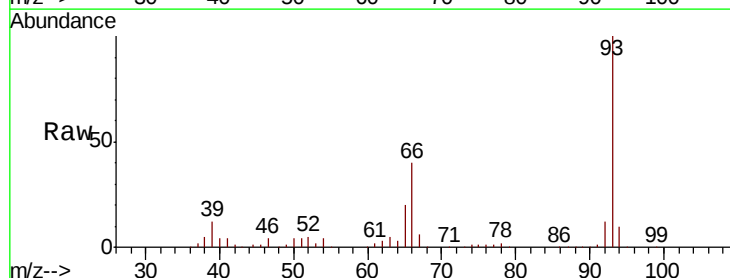
Tgt Ion: 93 Resp: 1080994

Ion Ratio Lower Upper

93 100

66 39.8 30.8 46.2

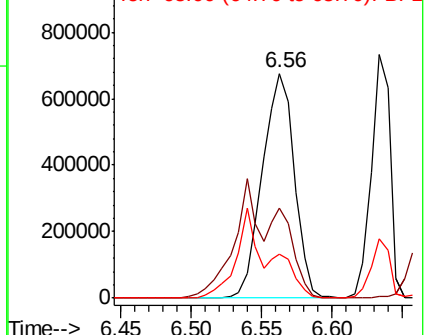
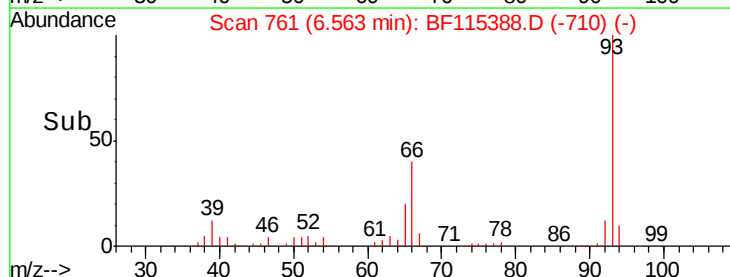
65 19.8 16.0 24.0

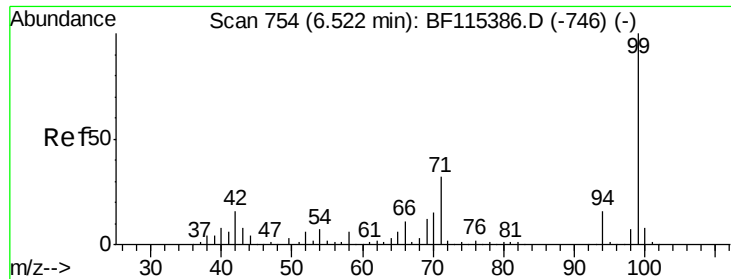


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 122.635 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

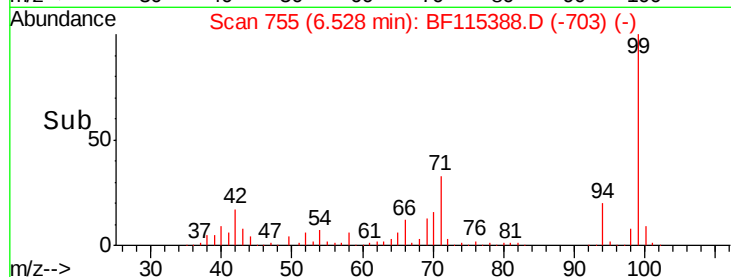
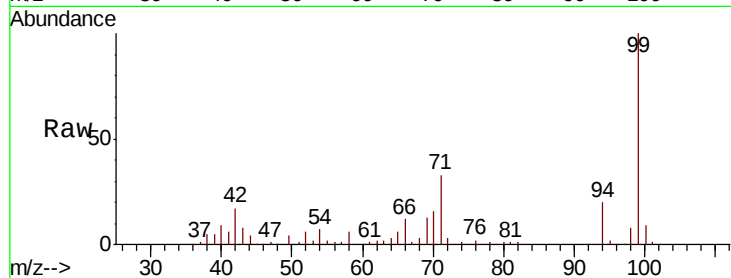
Instrument :

BNA\_F

ClientSampled :

Tot Ion: 99 Resp: 1500916

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 16.6  | 13.1  | 19.7  |
| 71  | 32.8  | 25.9  | 38.9  |

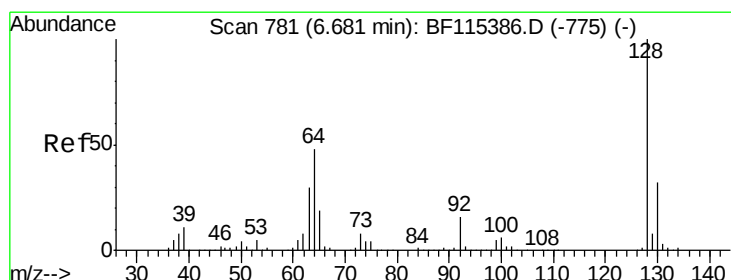
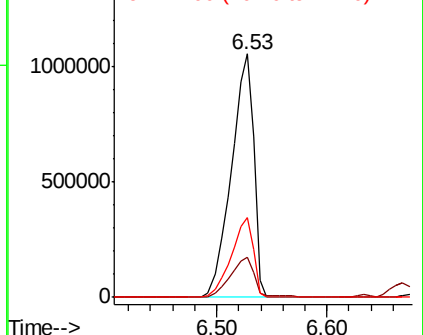


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 59.103 ng

RT: 6.69 min Scan# 782

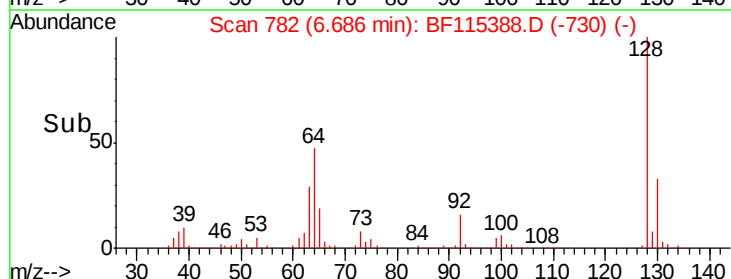
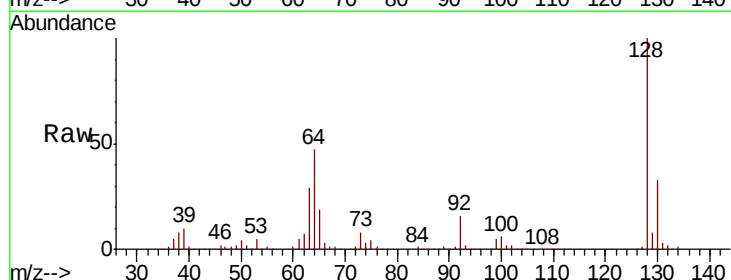
Delta R.T. 0.01 min

Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

Tgt Ion: 128 Resp: 670128

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 33.0  | 12.4  | 52.4  |
| 64  | 46.6  | 28.8  | 68.8  |

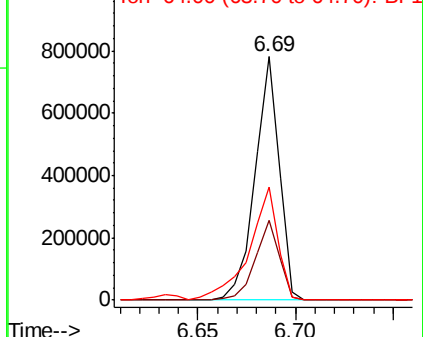


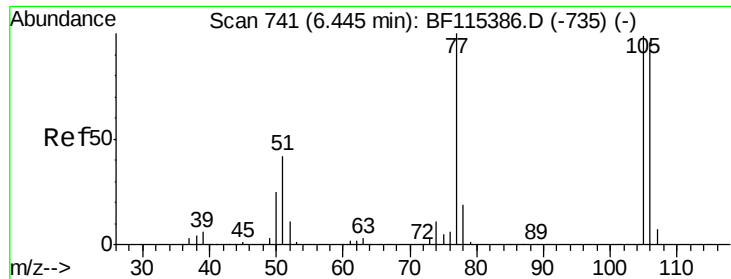
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

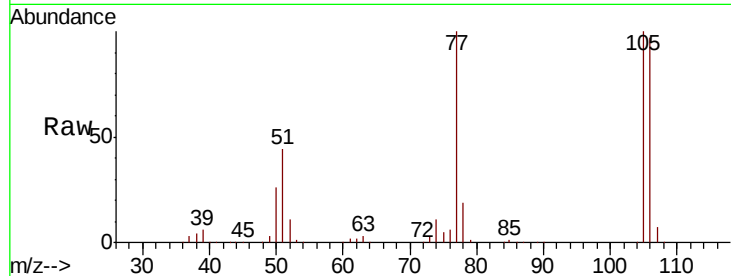




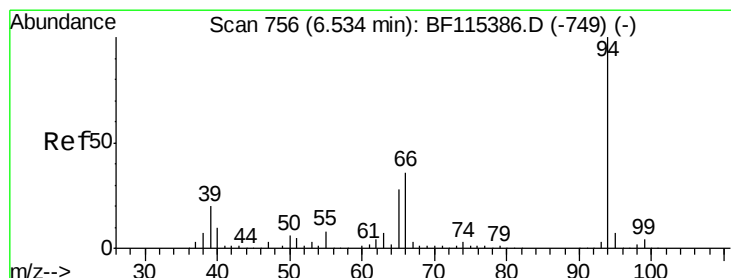
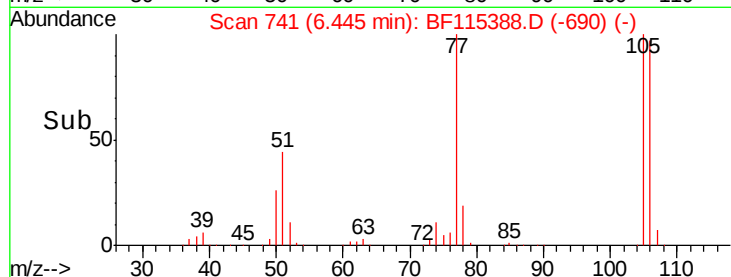
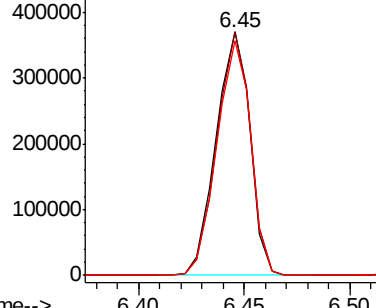
#9  
Benzaldehyde  
Concen: 51.448 ng  
RT: 6.45 min Scan# 741  
Delta R.T. -0.00 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion: 77 Resp: 410801  
Ion Ratio Lower Upper  
77 100  
105 99.8 79.0 119.0  
106 96.5 75.7 115.7

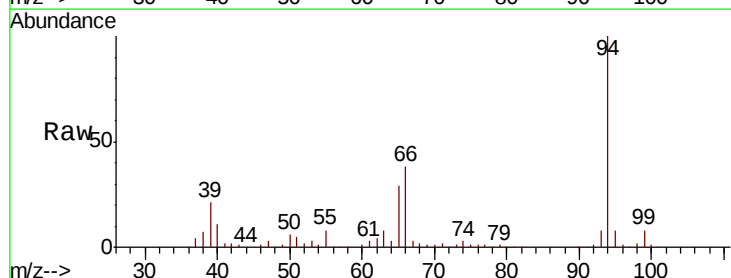


Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 105.00 (104.70 to 105.70): BF1  
Ion 106.00 (105.70 to 106.70): BF1

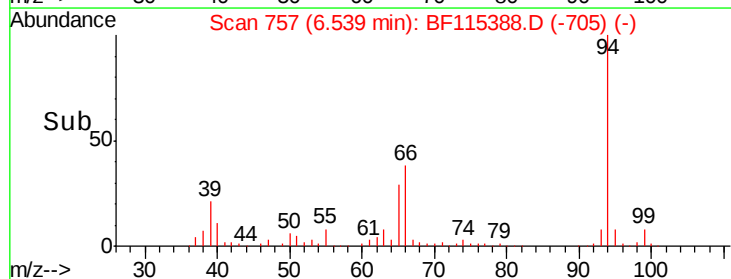
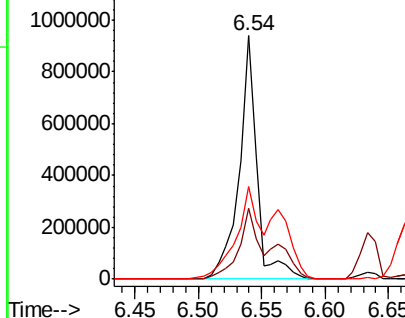


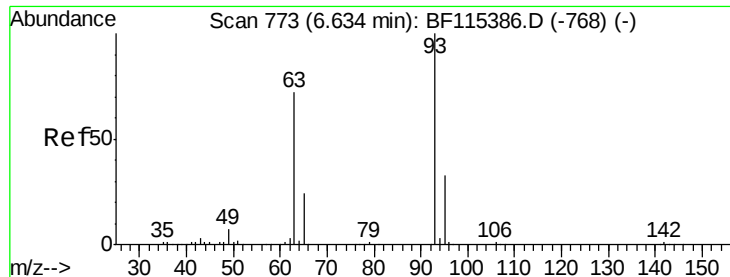
#10  
Phenol  
Concen: 63.295 ng  
RT: 6.54 min Scan# 757  
Delta R.T. 0.01 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Tgt Ion: 94 Resp: 907415  
Ion Ratio Lower Upper  
94 100  
65 29.0 8.0 48.0  
66 38.1 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 63.860 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

Instrument :

BNA\_F

ClientSampleId :

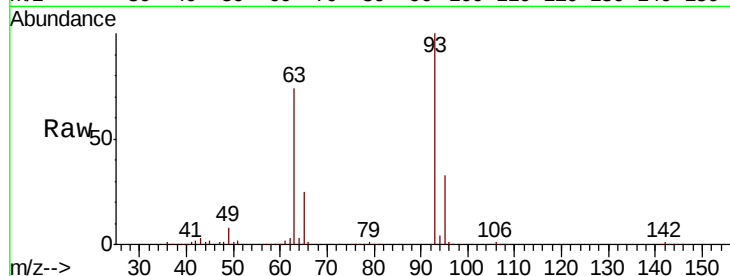
Tot Ion: 93 Resp: 674864

Ion Ratio Lower Upper

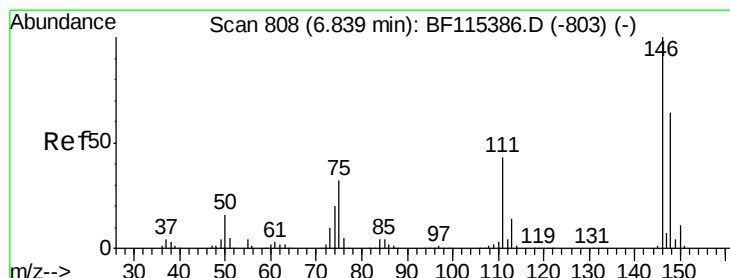
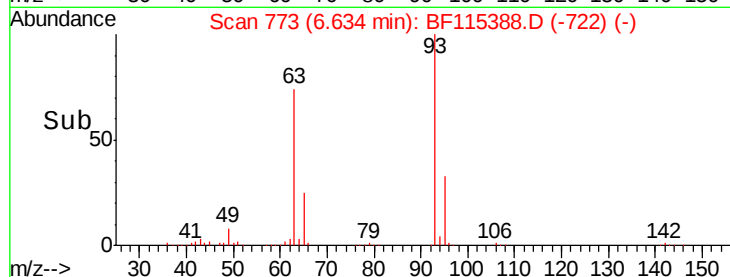
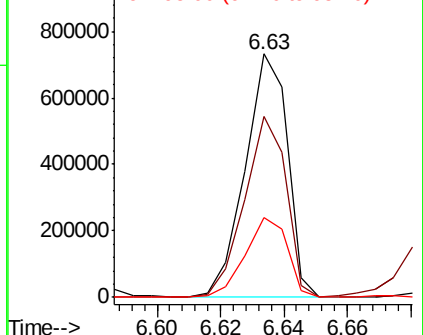
93 100

63 74.1 51.5 91.5

95 32.7 12.9 52.9



Abundance Ion 93.00 (92.70 to 93.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 57.863 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

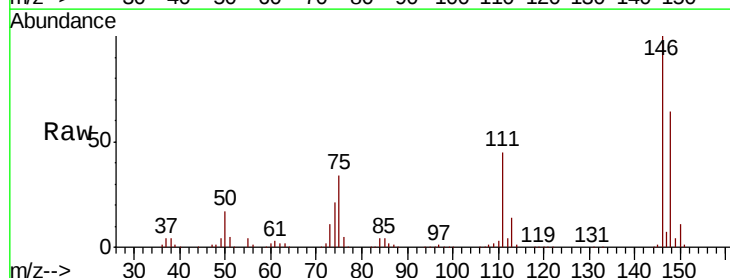
Tgt Ion: 146 Resp: 728110

Ion Ratio Lower Upper

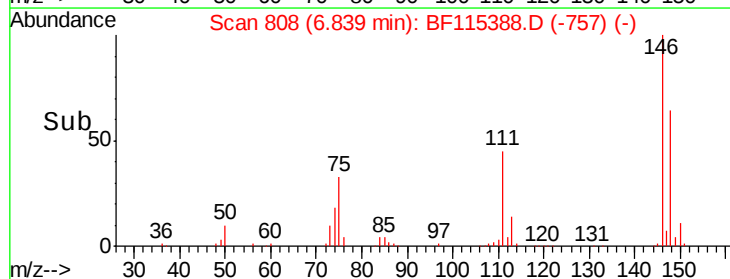
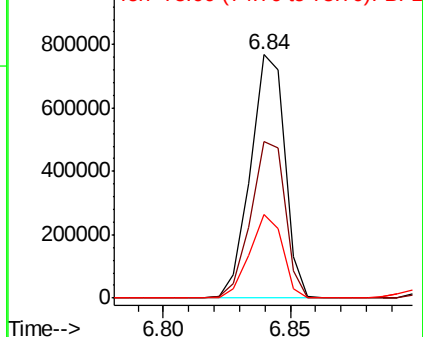
146 100

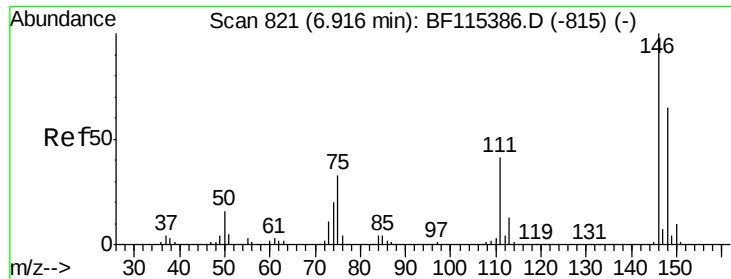
148 64.5 50.8 76.2

75 34.4 25.9 38.9



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 75.00 (74.70 to 75.70): BF1

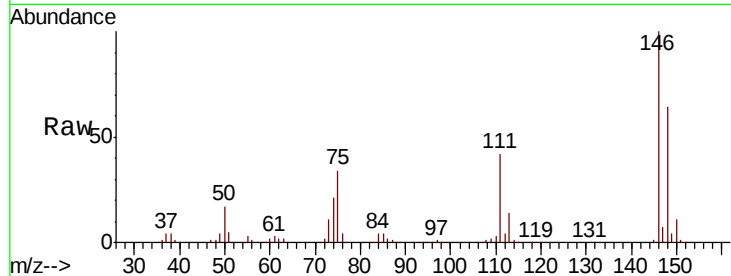




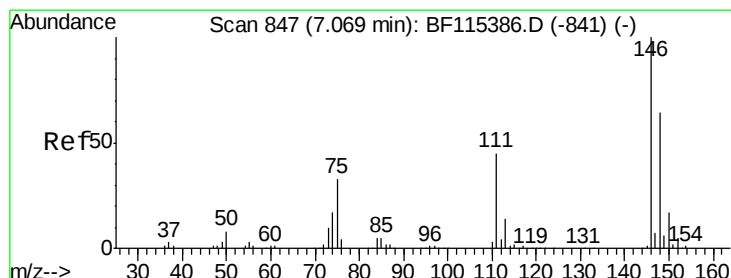
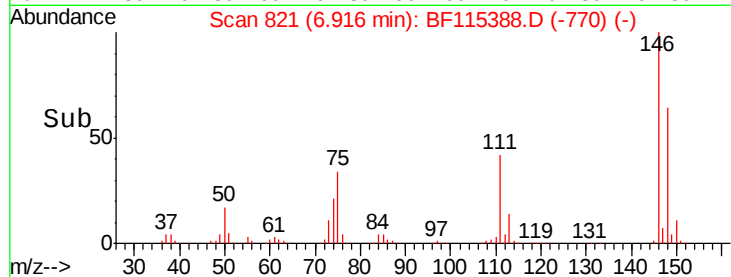
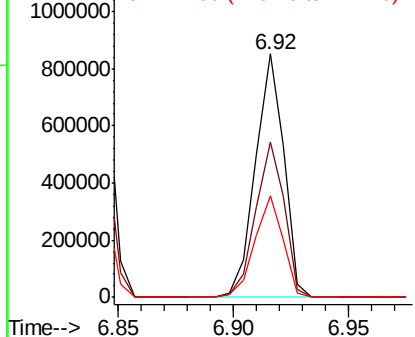
#13  
 1,4-Dichlorobenzene  
 Concen: 58.228 ng  
 RT: 6.92 min Scan# 821  
 Delta R.T. -0.00 min  
 Lab File: BF115388.D  
 Acq: 5 Jul 2019 10:41

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:146 Resp: 734743  
 Ion Ratio Lower Upper  
 146 100  
 148 64.0 52.3 78.5  
 111 41.9 33.0 49.4

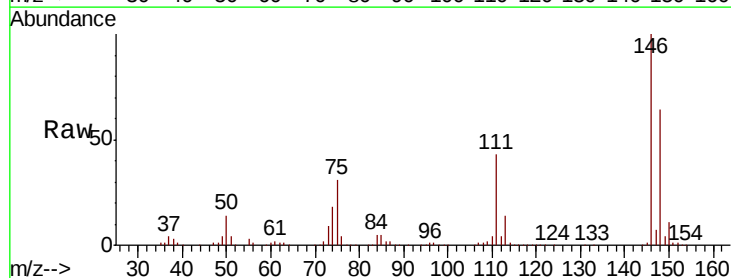


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

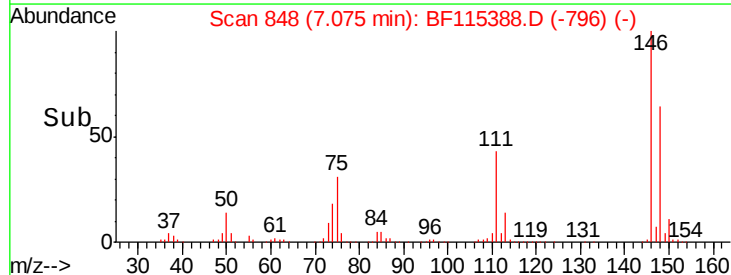
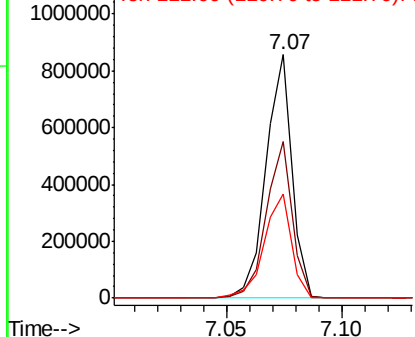


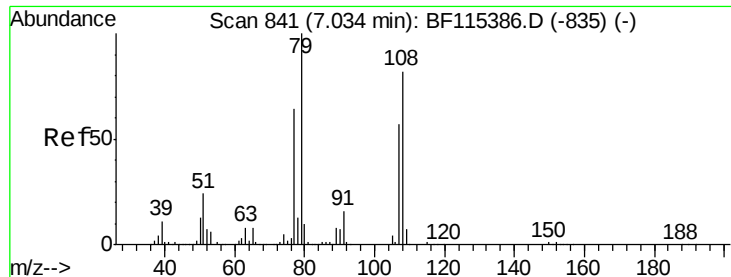
#14  
 1,2-Dichlorobenzene  
 Concen: 57.585 ng  
 RT: 7.07 min Scan# 848  
 Delta R.T. 0.01 min  
 Lab File: BF115388.D  
 Acq: 5 Jul 2019 10:41

Tgt Ion:146 Resp: 672900  
 Ion Ratio Lower Upper  
 146 100  
 148 64.4 51.3 76.9  
 111 42.8 36.2 54.2



Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 69.047 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

Instrument :

BNA\_F

ClientSampleId :

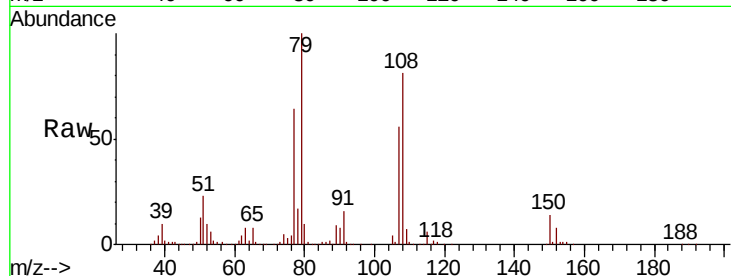
Tot Ion: 79 Resp: 615349

Ion Ratio Lower Upper

79 100

108 81.1 65.4 98.2

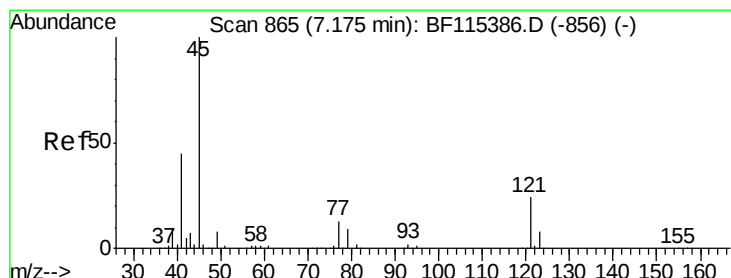
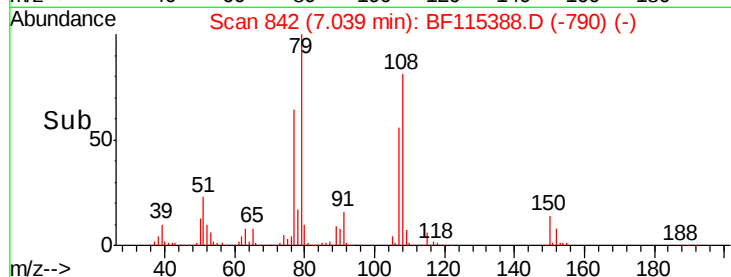
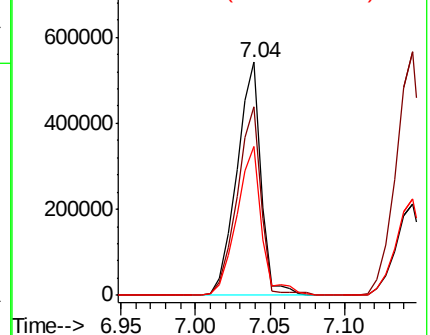
77 63.6 51.5 77.3



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 61.180 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

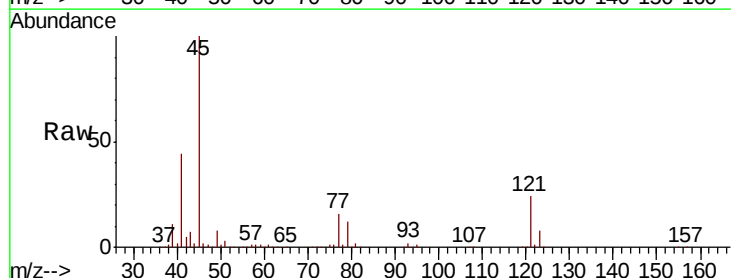
Tgt Ion: 45 Resp: 937720

Ion Ratio Lower Upper

45 100

77 16.1 0.0 36.0

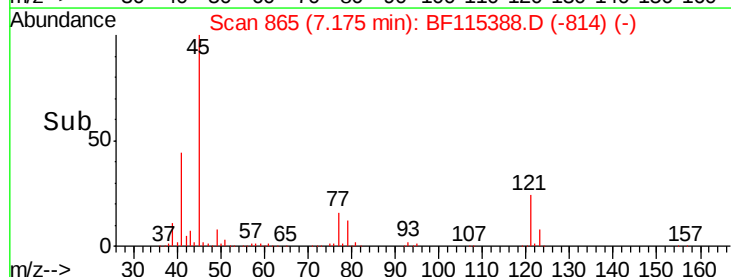
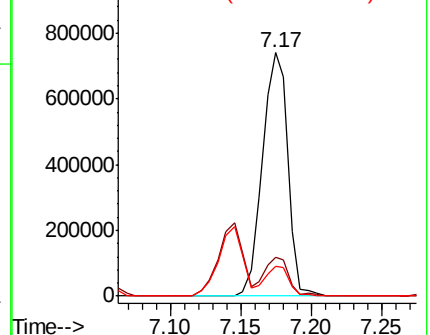
79 12.1 0.0 32.0

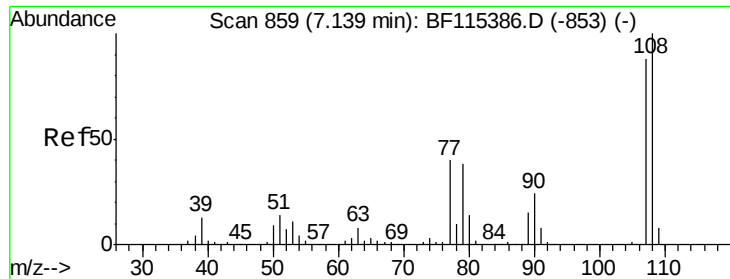


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

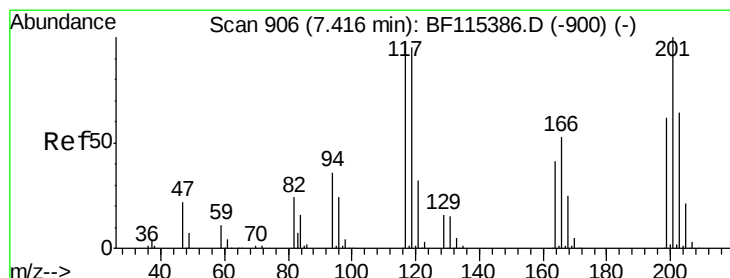
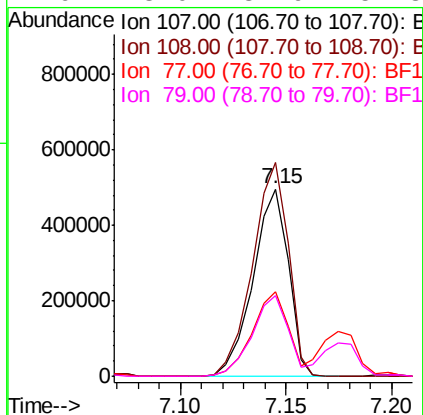
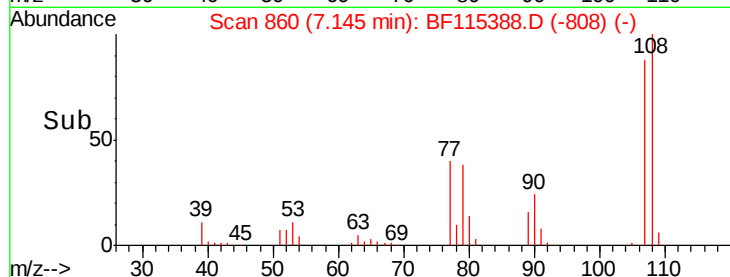
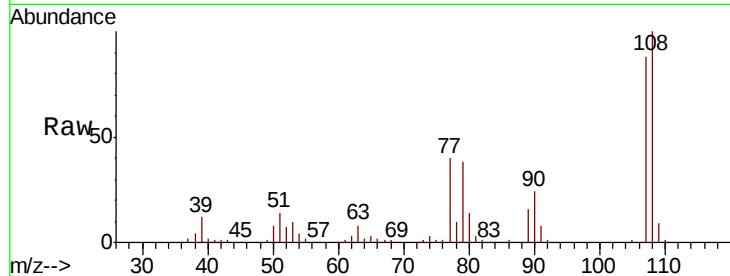




#17  
2-Methylphenol  
Concen: 61.688 ng  
RT: 7.15 min Scan# 860  
Delta R.T. 0.01 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

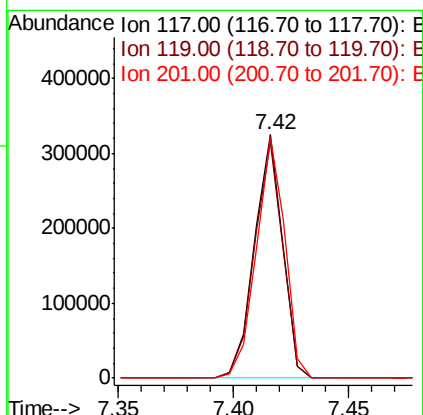
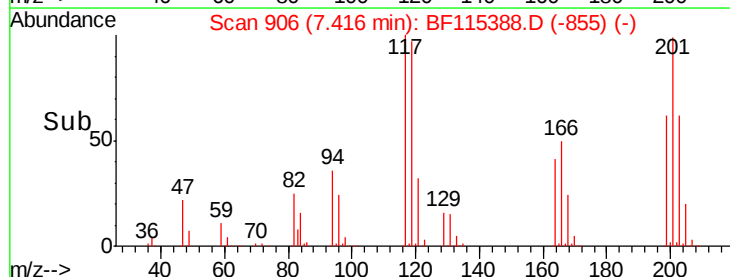
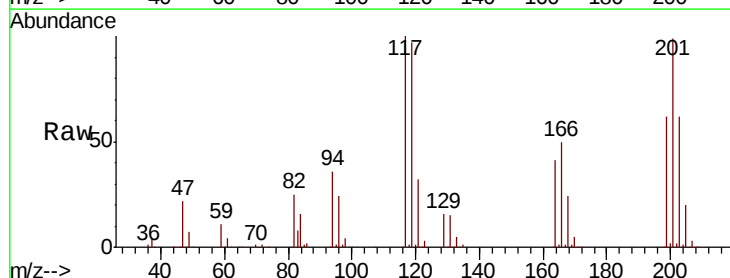
Instrument :  
BNA\_F  
ClientSampleId :

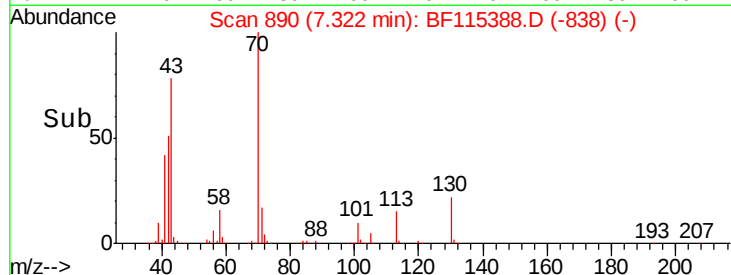
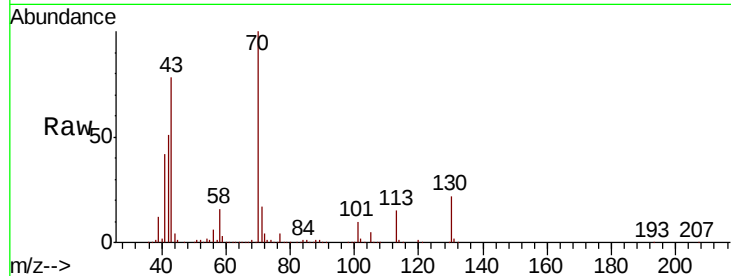
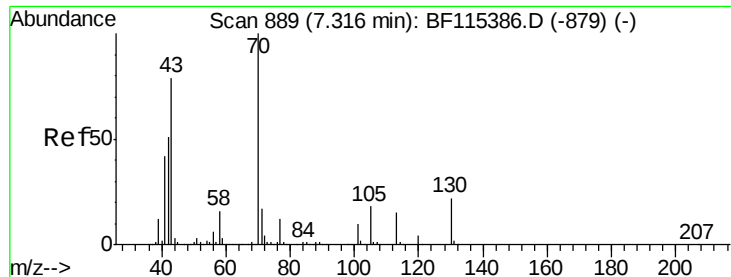
Tot Ion:107 Resp: 577334  
Ion Ratio Lower Upper  
107 100  
108 114.2 90.7 136.1  
77 45.4 36.3 54.5  
79 43.0 34.9 52.3



#18  
Hexachloroethane  
Concen: 61.046 ng  
RT: 7.42 min Scan# 906  
Delta R.T. -0.00 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Tgt Ion:117 Resp: 277707  
Ion Ratio Lower Upper  
117 100  
119 96.9 77.1 115.7  
201 99.0 81.3 121.9

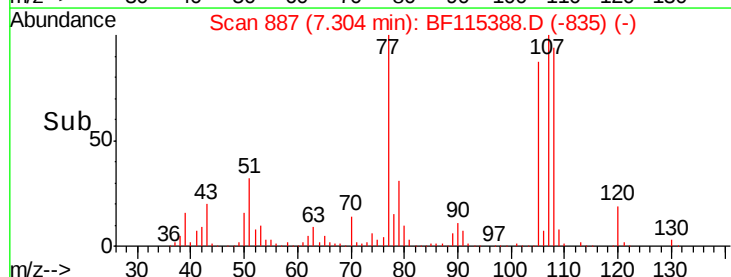
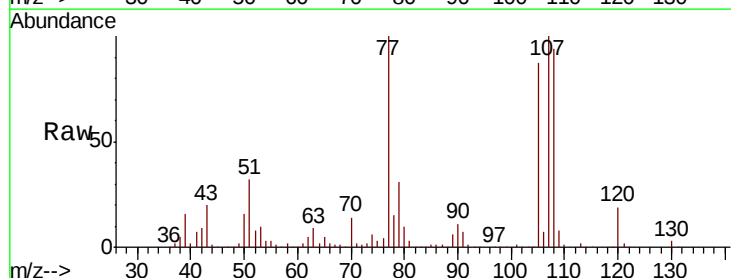
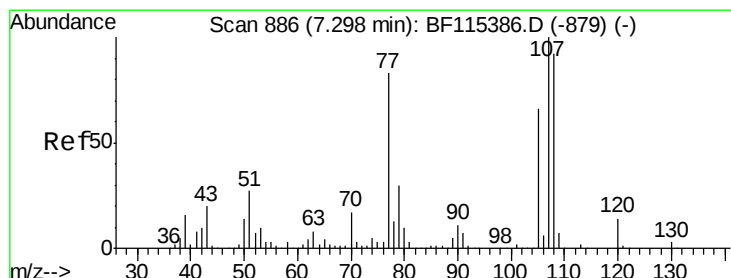
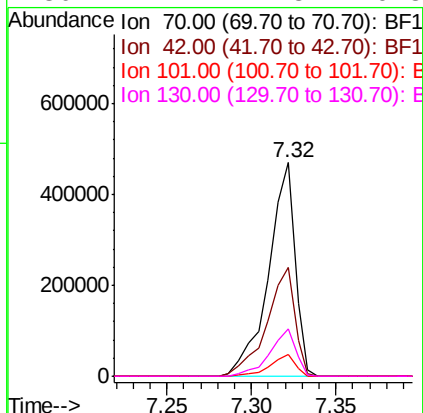




#19  
n-Nitroso-di-n-propylamine  
Concen: 65.540 ng  
RT: 7.32 min Scan# 890  
Delta R.T. 0.01 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

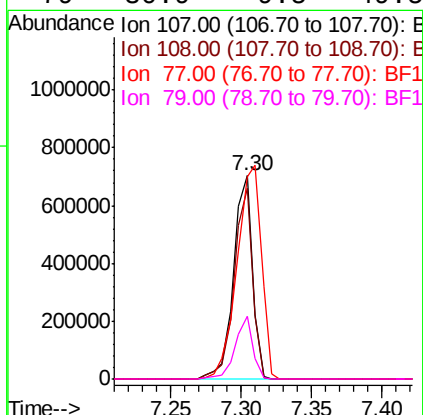
Instrument :  
BNA\_F  
ClientSampleId :

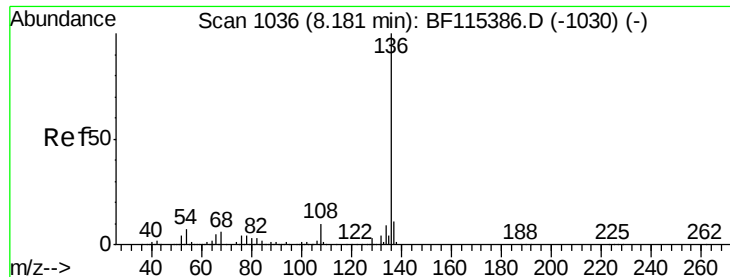
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 513539 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 51.0  | 41.1  | 61.7   |
| 101      | 9.9   | 8.0   | 12.0   |
| 130      | 22.1  | 17.8  | 26.8   |



#20  
3+4-Methylphenols  
Concen: 61.171 ng  
RT: 7.30 min Scan# 887  
Delta R.T. 0.01 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 661053 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 93.9  | 72.5  | 112.5  |
| 77       | 99.6  | 62.7  | 102.7  |
| 79       | 30.9  | 9.5   | 49.5   |

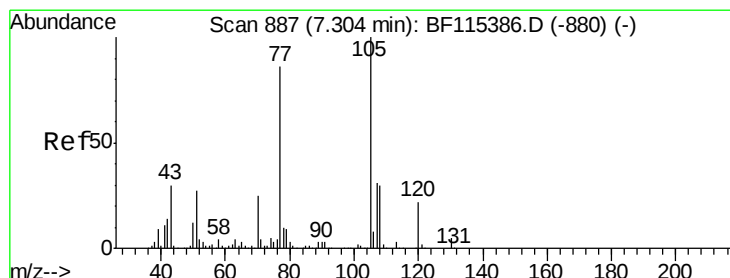
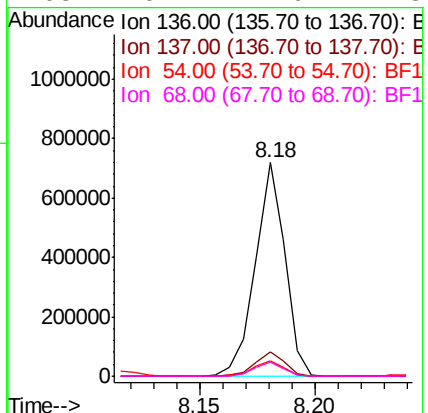
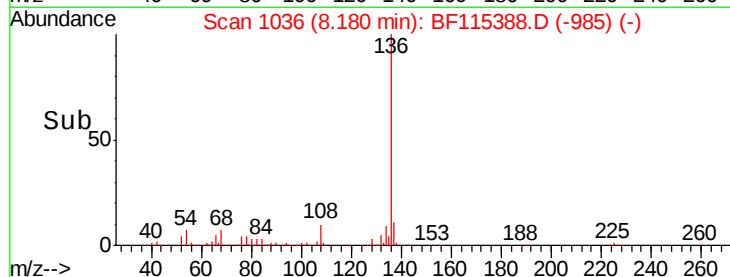
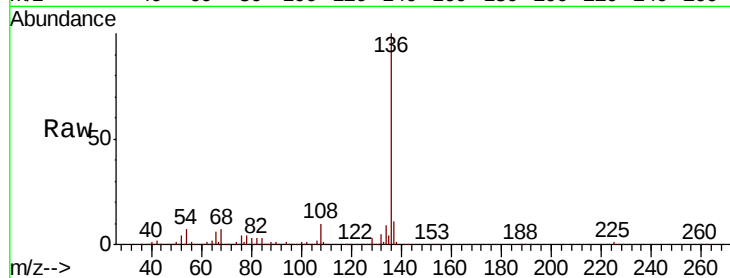




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.18 min Scan# 1036  
Delta R.T. -0.00 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

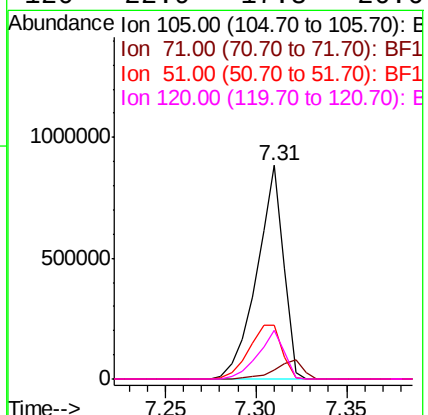
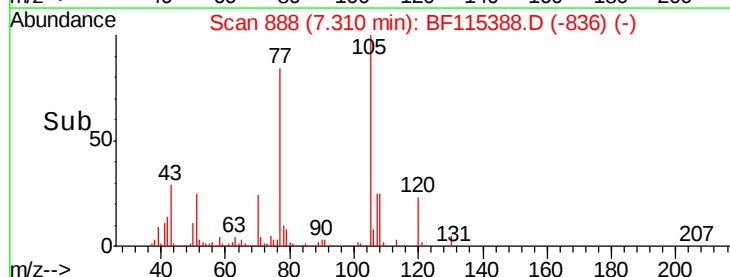
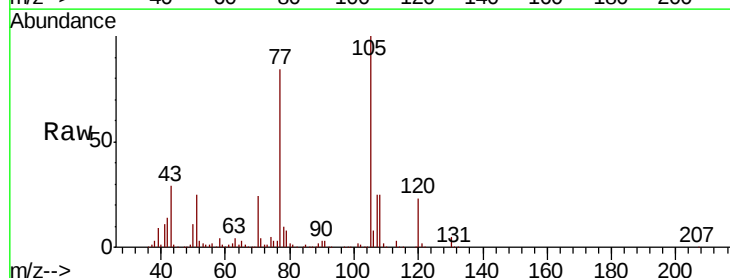
Instrument :  
BNA\_F  
ClientSampleId :

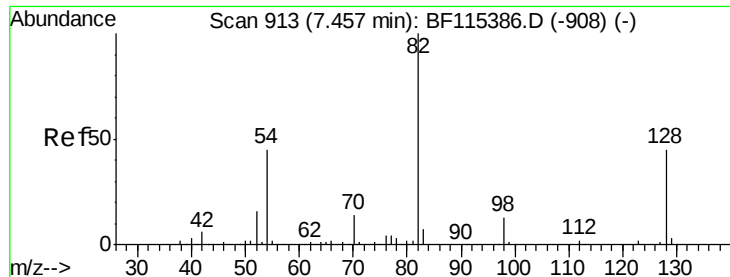
|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 646103   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.5  | 8.9 13.3 |
| 54          | 7.4   | 5.6 8.4  |
| 68          | 6.7   | 4.9 7.3  |



#22  
Acetophenone  
Concen: 60.955 ng  
RT: 7.31 min Scan# 888  
Delta R.T. 0.01 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 901609    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 4.2   | 3.3 4.9   |
| 51          | 25.4  | 21.5 32.3 |
| 120         | 22.9  | 17.8 26.6 |

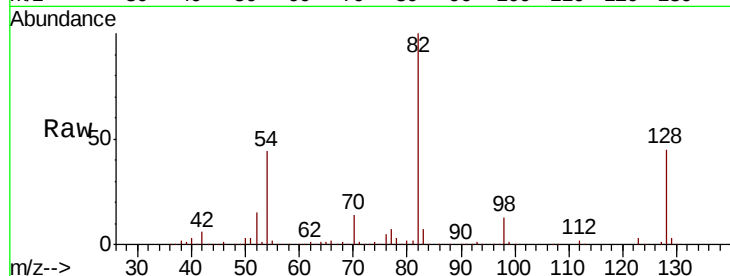




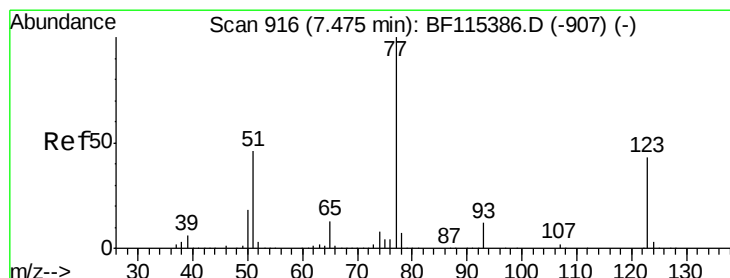
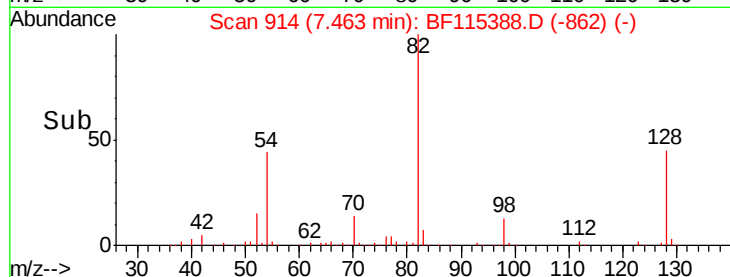
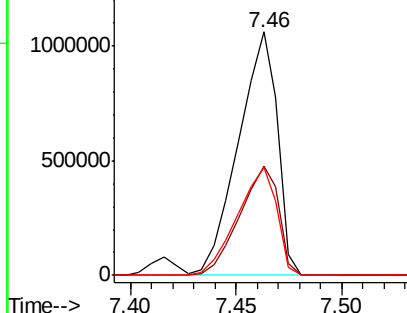
#23  
Nitrobenzene-d5  
Concen: 129.245 ng  
RT: 7.46 min Scan# 914  
Delta R.T. 0.01 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion: 82 Resp: 1357473  
Ion Ratio Lower Upper  
82 100  
128 44.8 35.7 53.5  
54 44.5 36.3 54.5

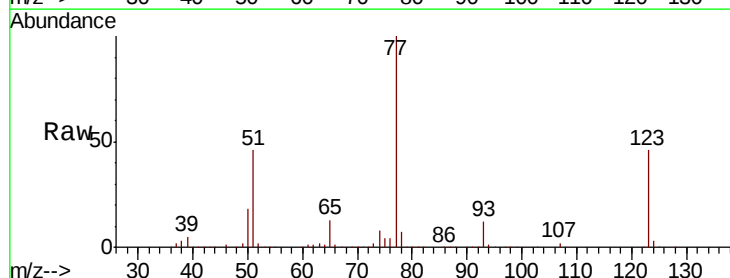


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): BF1  
Ion 54.00 (53.70 to 54.70): BF1

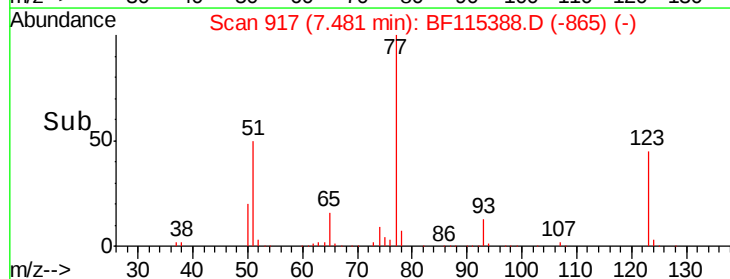
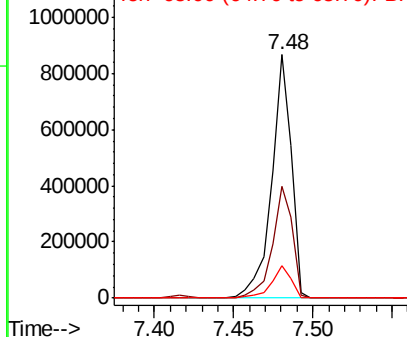


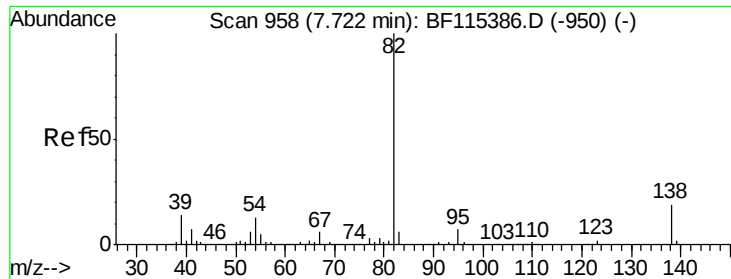
#24  
Nitrobenzene  
Concen: 65.260 ng  
RT: 7.48 min Scan# 917  
Delta R.T. 0.01 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Tgt Ion: 77 Resp: 755123  
Ion Ratio Lower Upper  
77 100  
123 45.8 35.0 52.6  
65 13.5 10.8 16.2



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

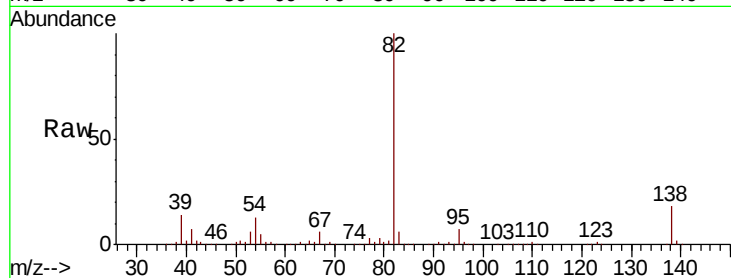




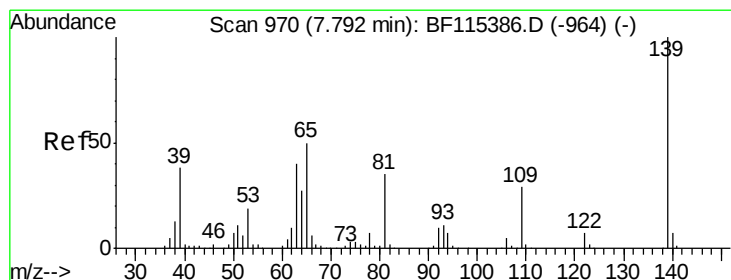
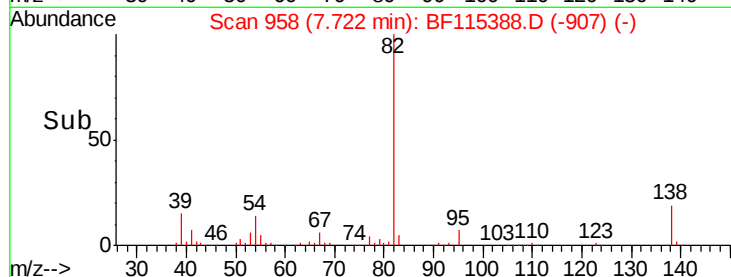
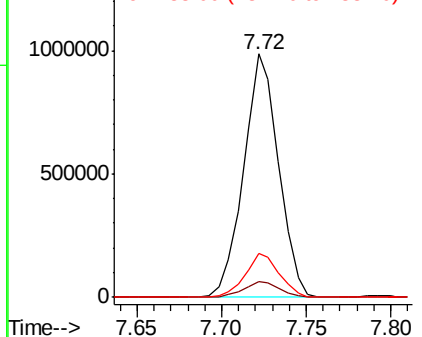
#25  
Isophorone  
Concen: 65.882 ng  
RT: 7.72 min Scan# 958  
Delta R.T. -0.00 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion: 82 Resp: 1417516  
Ion Ratio Lower Upper  
82 100  
95 6.7 5.4 8.0  
138 17.8 14.9 22.3

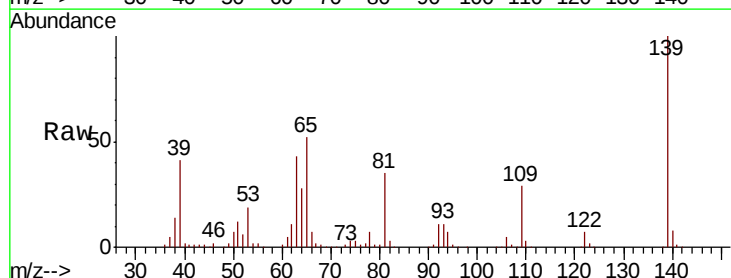


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1  
Ion 138.00 (137.70 to 138.70): BF1

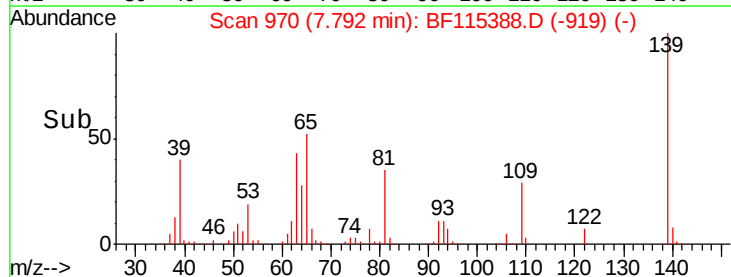
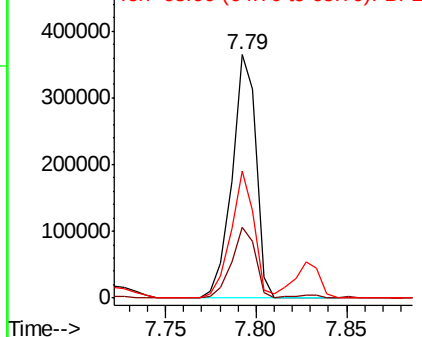


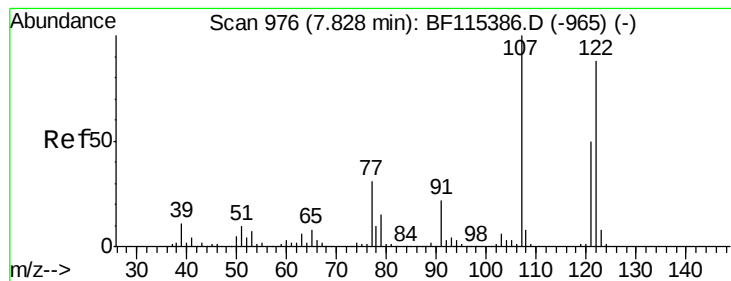
#26  
2-Nitrophenol  
Concen: 58.682 ng  
RT: 7.79 min Scan# 970  
Delta R.T. -0.00 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Tgt Ion: 139 Resp: 335329  
Ion Ratio Lower Upper  
139 100  
109 29.3 22.9 34.3  
65 52.2 40.2 60.4



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): BF1





#27

2,4-Dimethylphenol

Concen: 61.340 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.00 min

Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

Instrument :

BNA\_F

ClientSampleId :

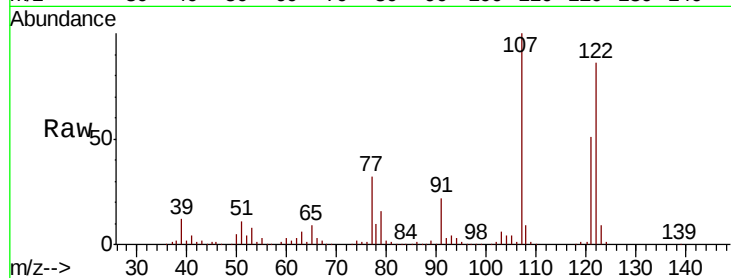
Tot Ion:122 Resp: 573896

Ion Ratio Lower Upper

122 100

107 115.7 91.0 136.6

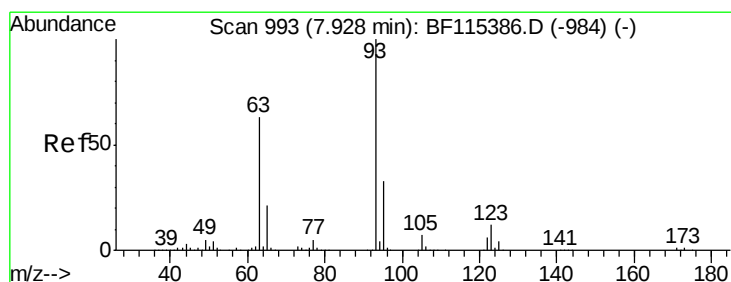
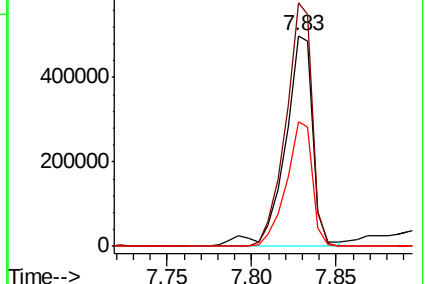
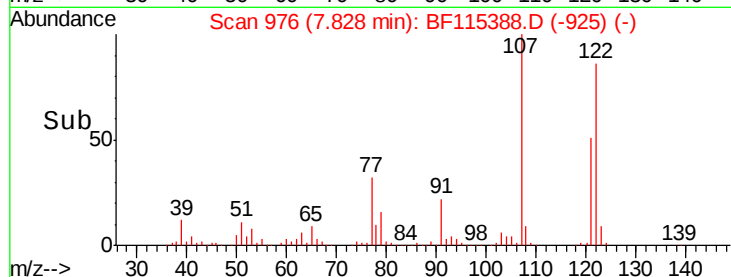
121 59.0 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 64.291 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

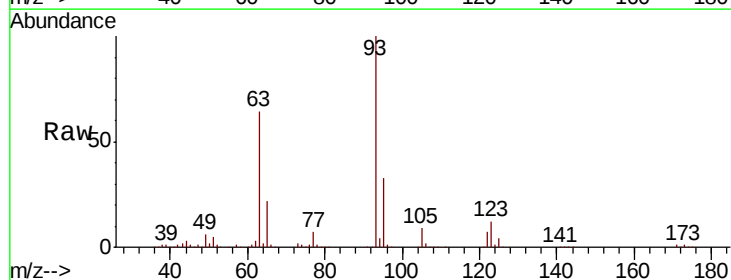
Tgt Ion: 93 Resp: 874302

Ion Ratio Lower Upper

93 100

95 33.2 26.6 39.8

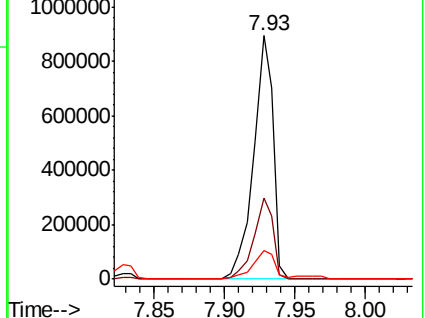
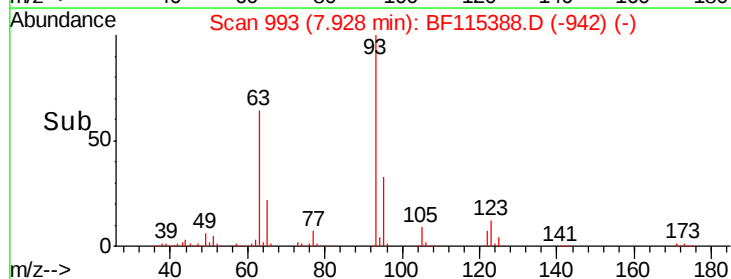
123 11.9 10.0 15.0

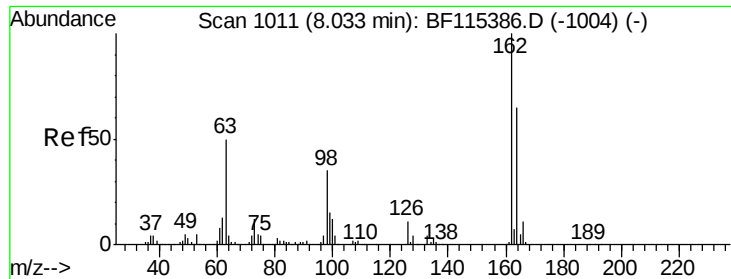


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

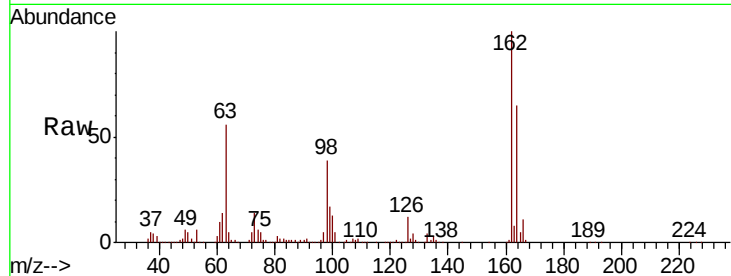




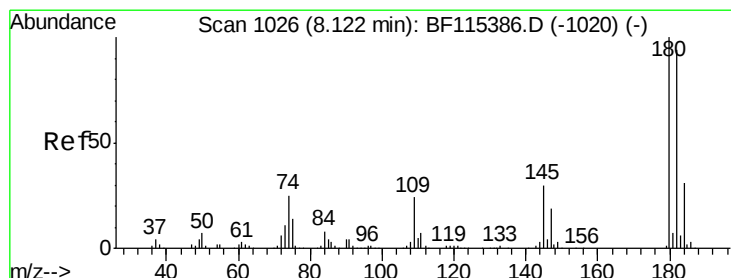
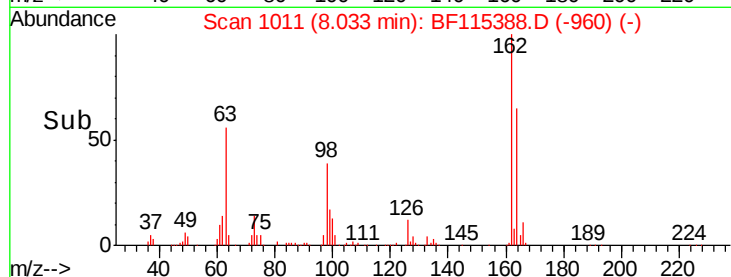
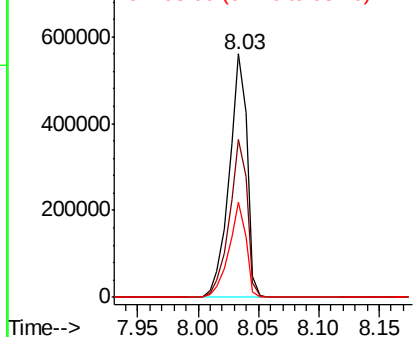
#29  
2,4-Dichlorophenol  
Concen: 59.638 ng  
RT: 8.03 min Scan# 1011  
Delta R.T. -0.00 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.8  | 44.6  | 84.6  |
| 98      | 38.9  | 15.0  | 55.0  |

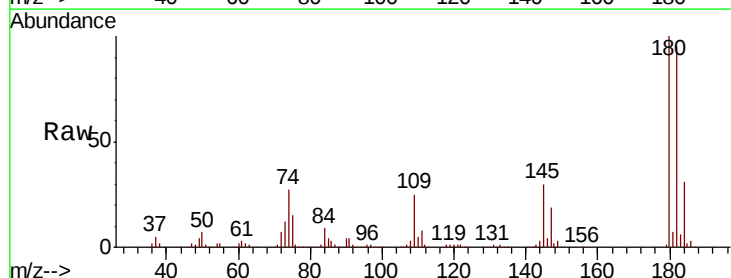


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF1

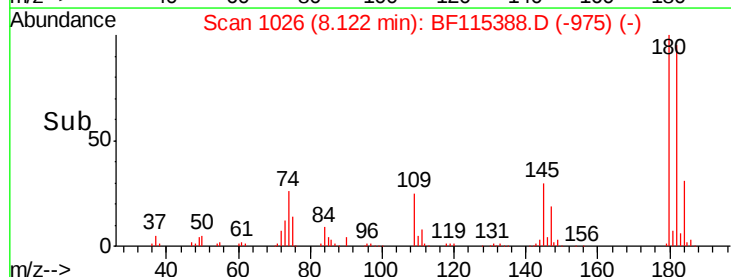
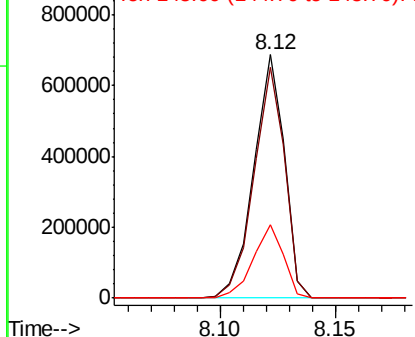


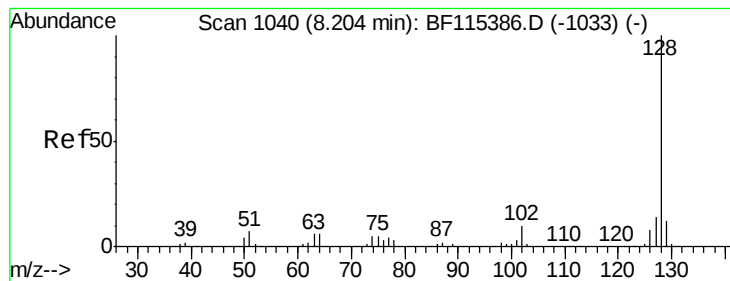
#30  
1,2,4-Trichlorobenzene  
Concen: 59.818 ng  
RT: 8.12 min Scan# 1026  
Delta R.T. -0.00 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.7  | 75.6  | 113.4 |
| 145     | 30.3  | 23.8  | 35.6  |



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: 58.671 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

Instrument :

BNA\_F

ClientSampleId :

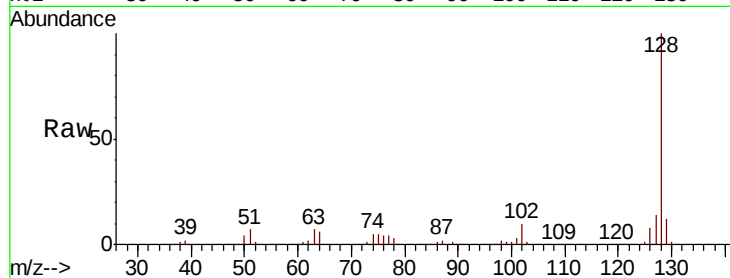
Tot Ion:128 Resp: 1860792

Ion Ratio Lower Upper

128 100

129 12.0 9.4 14.2

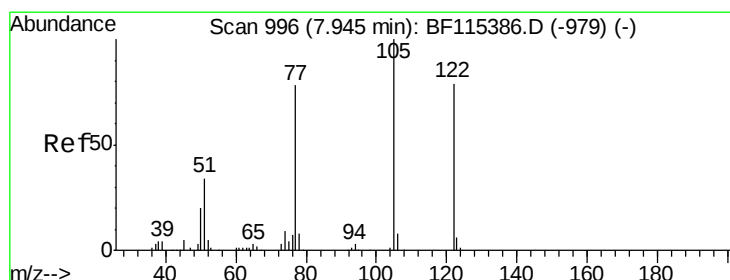
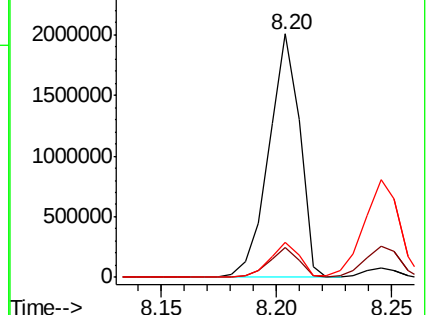
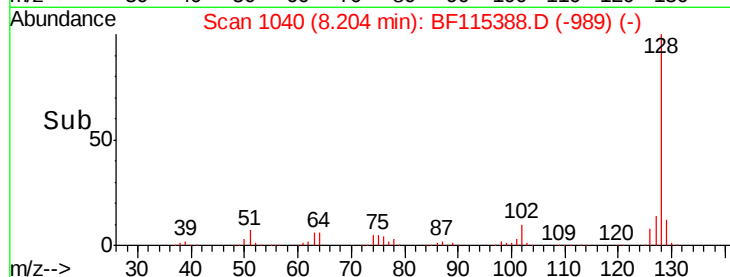
127 14.4 11.2 16.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 59.238 ng

RT: 7.97 min Scan# 1000

Delta R.T. 0.02 min

Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

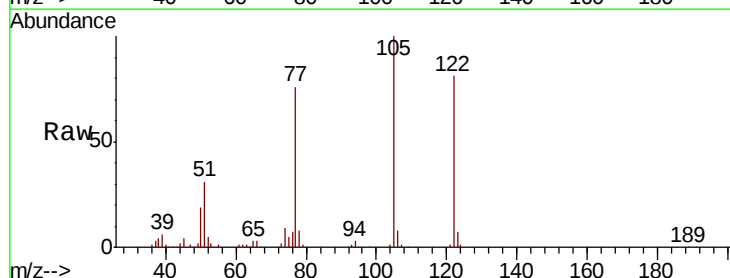
Tgt Ion:122 Resp: 395619

Ion Ratio Lower Upper

122 100

105 123.4 105.1 145.1

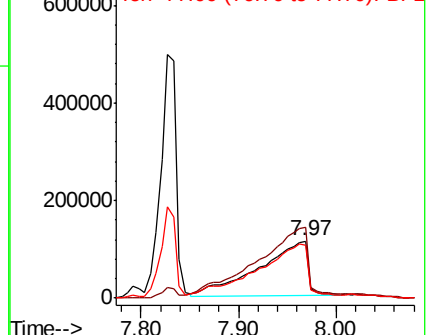
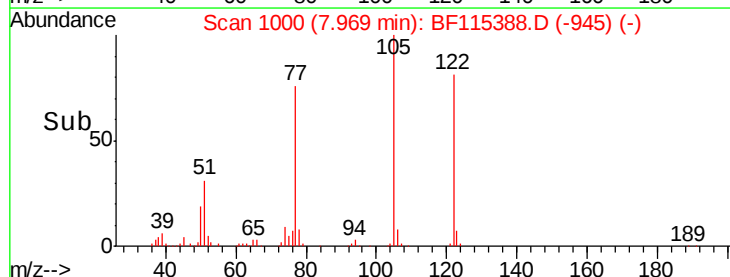
77 93.3 77.8 117.8

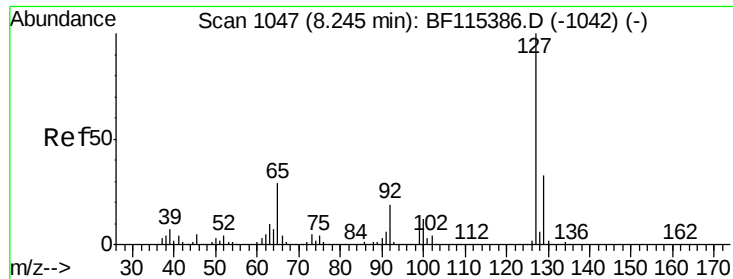


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

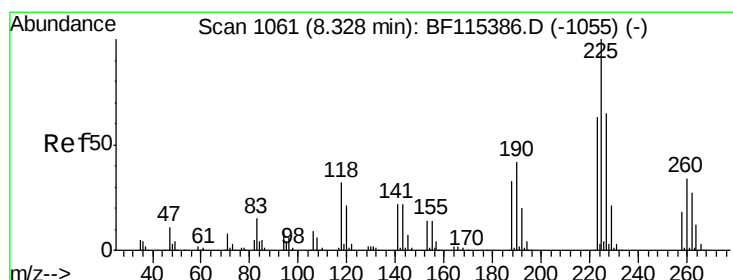
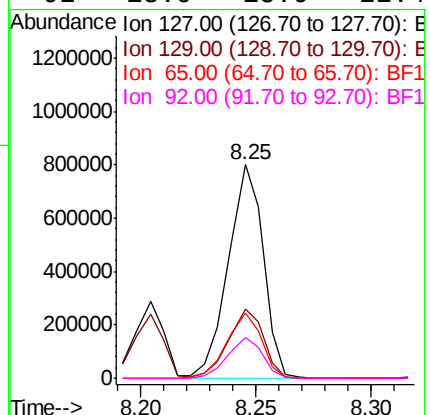
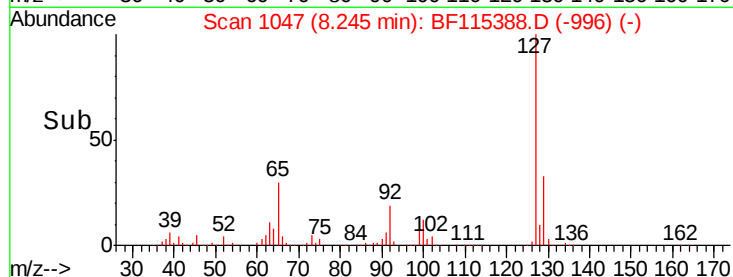
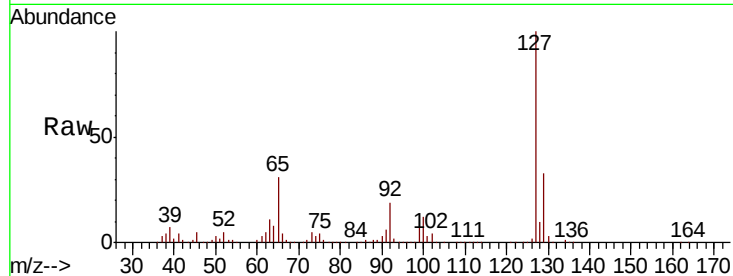




#33  
4-Chloroaniline  
Concen: 57.987 ng  
RT: 8.25 min Scan# 1047  
Delta R.T. -0.00 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

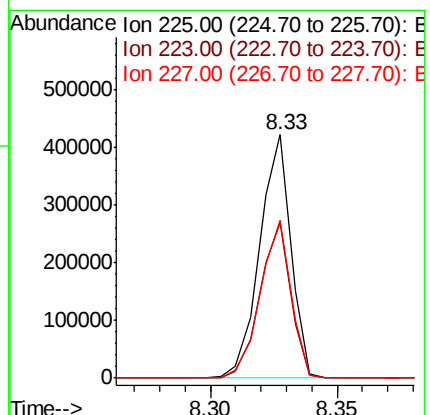
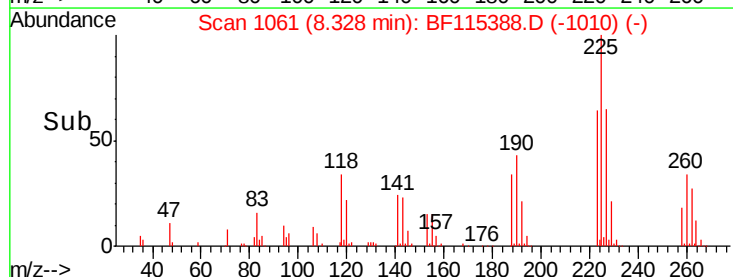
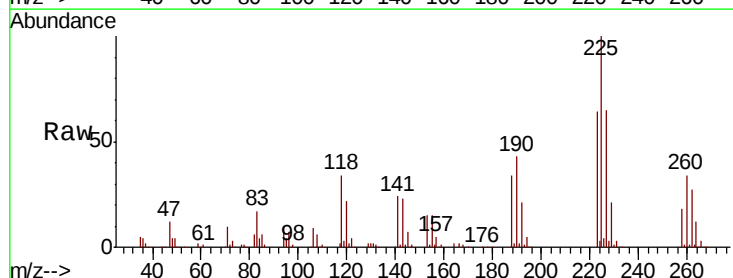
Instrument :  
BNA\_F  
ClientSampleId :

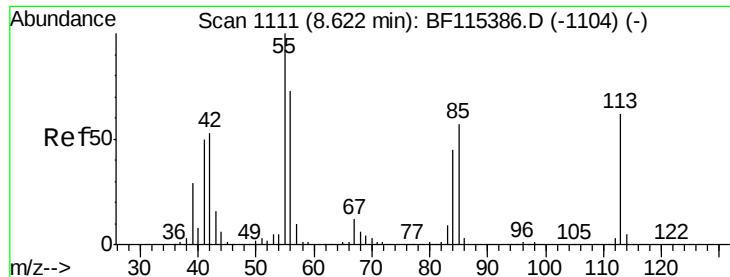
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 840501 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.6  | 26.5  | 39.7   |
| 65       | 30.7  | 23.3  | 34.9   |
| 92       | 18.9  | 15.0  | 22.4   |



#34  
Hexachlorobutadiene  
Concen: 61.908 ng  
RT: 8.33 min Scan# 1061  
Delta R.T. -0.00 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 361821 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.0  | 50.7  | 76.1   |
| 227      | 64.7  | 52.1  | 78.1   |

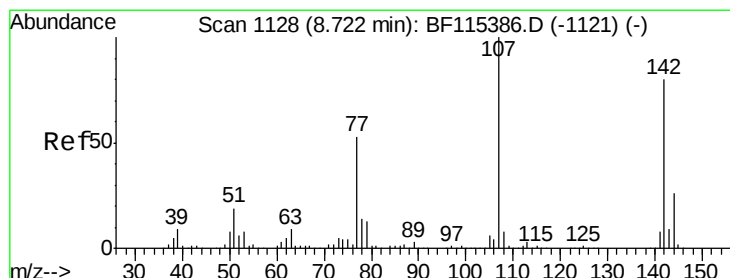
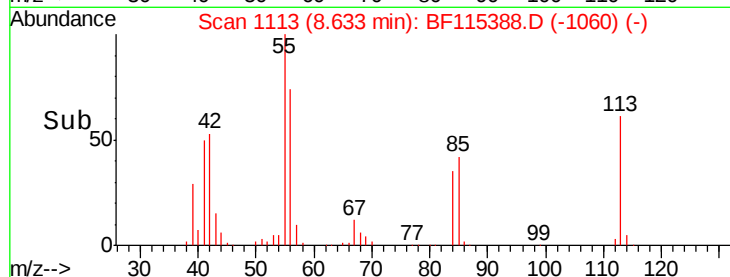
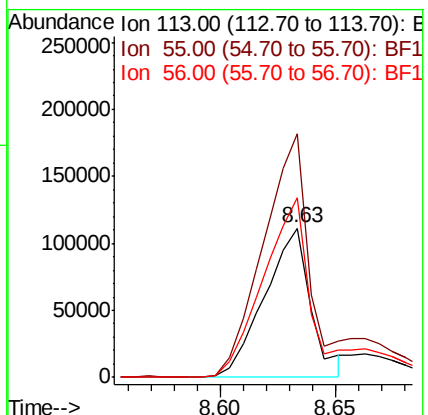
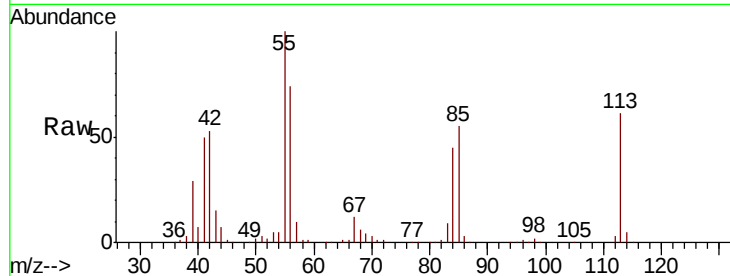




#35  
Caprolactam  
Concen: 47.497 ng  
RT: 8.63 min Scan# 1113  
Delta R.T. 0.01 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

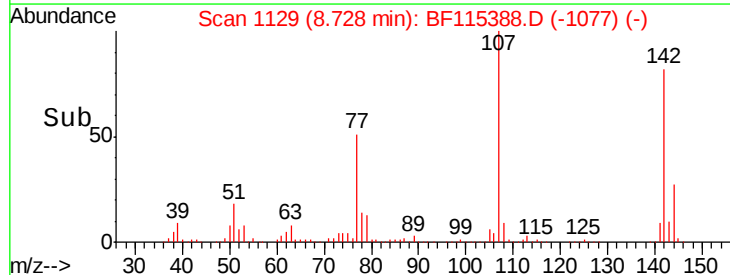
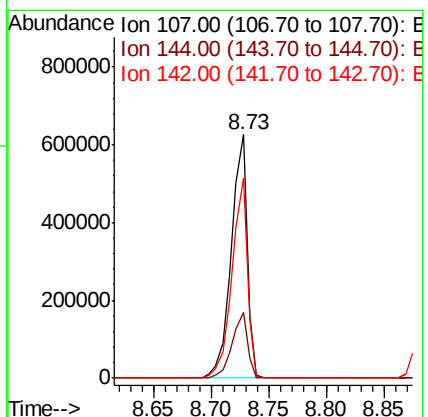
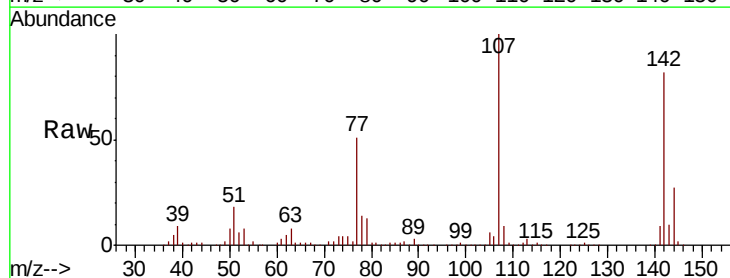
Instrument :  
BNA\_F  
ClientSampleId :

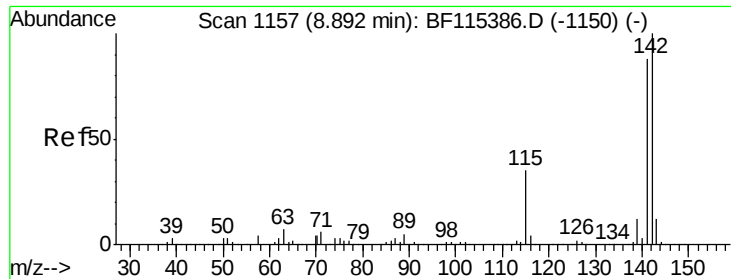
Tot Ion:113 Resp: 154183  
Ion Ratio Lower Upper  
113 100  
55 163.1 141.9 181.9  
56 120.5 98.7 138.7



#36  
4-Chloro-3-methylphenol  
Concen: 61.267 ng  
RT: 8.73 min Scan# 1129  
Delta R.T. 0.01 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Tgt Ion:107 Resp: 599078  
Ion Ratio Lower Upper  
107 100  
144 26.8 20.8 31.2  
142 82.3 64.0 96.0

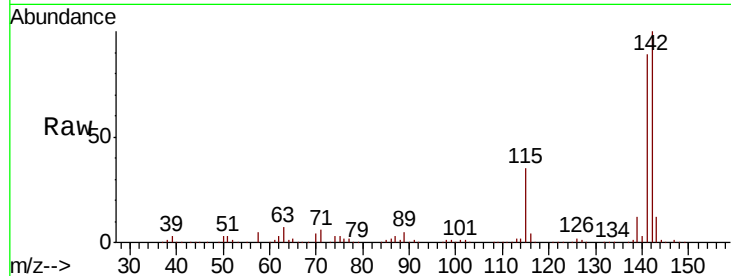




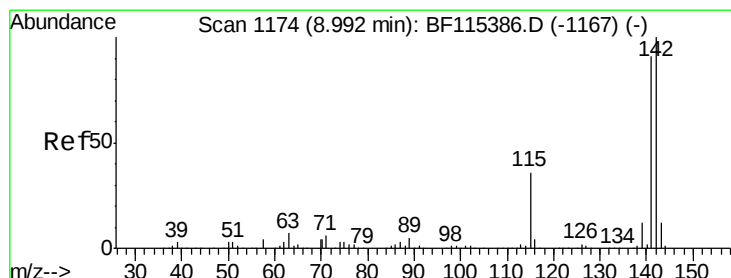
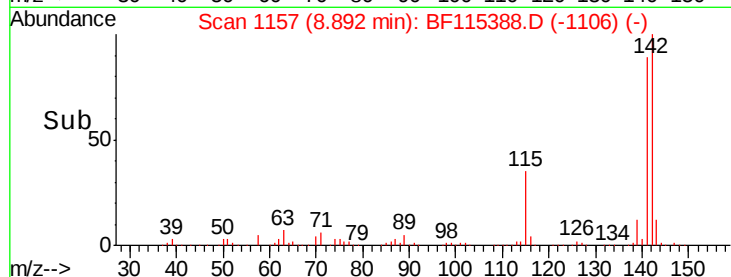
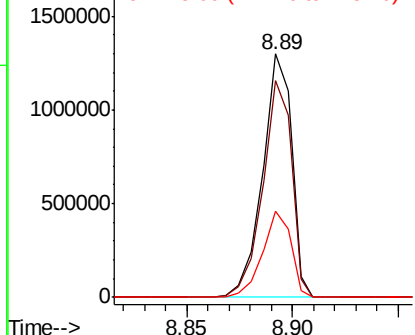
#37  
2-Methylnaphthalene  
Concen: 58.376 ng  
RT: 8.89 min Scan# 1157  
Delta R.T. -0.00 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:142 Resp: 1248327  
Ion Ratio Lower Upper  
142 100  
141 89.1 70.6 106.0  
115 35.4 27.8 41.8

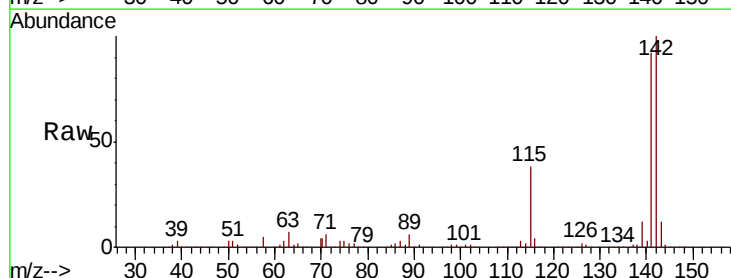


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

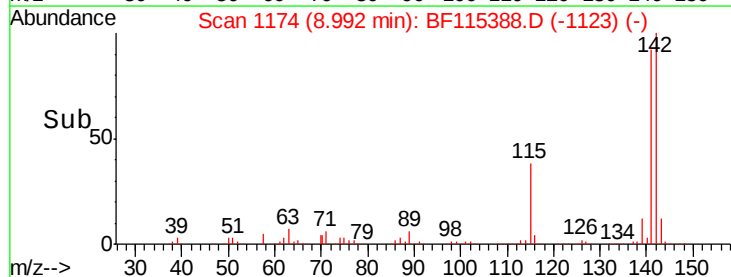
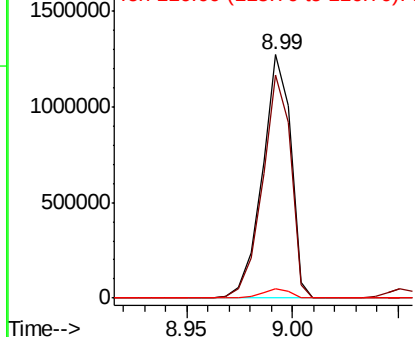


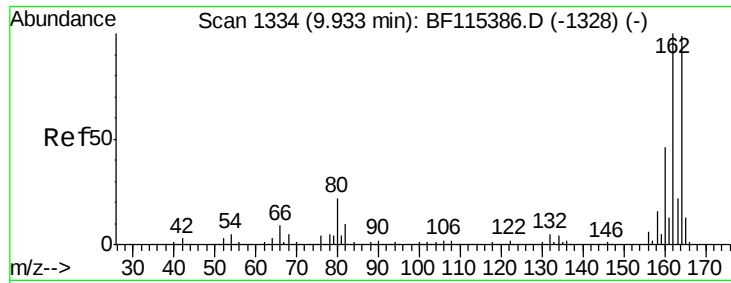
#38  
1-Methylnaphthalene  
Concen: 58.340 ng  
RT: 8.99 min Scan# 1174  
Delta R.T. -0.00 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Tgt Ion:142 Resp: 1191498  
Ion Ratio Lower Upper  
142 100  
141 91.7 72.7 109.1  
116 4.1 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 116.00 (115.70 to 116.70): E

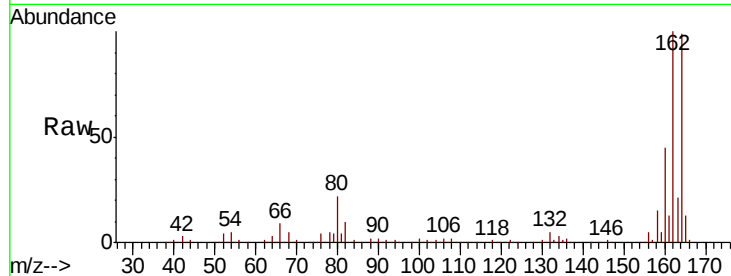




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.93 min Scan# 1334  
Delta R.T. -0.00 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Instrument :  
BNA\_F  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.1 | 80.6  | 121.0 |
| 160     | 45.6  | 37.0  | 55.6  |

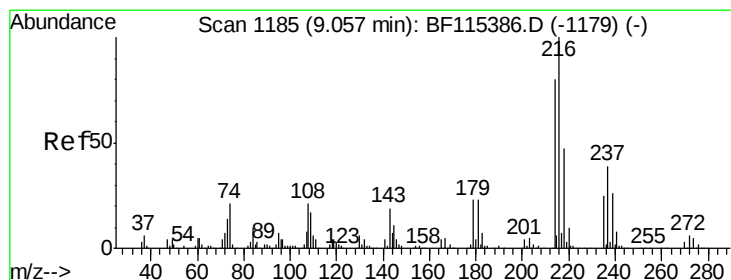
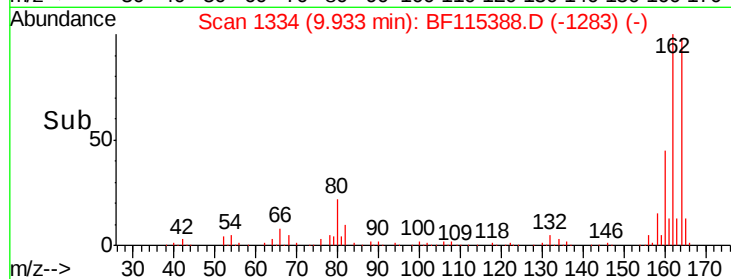
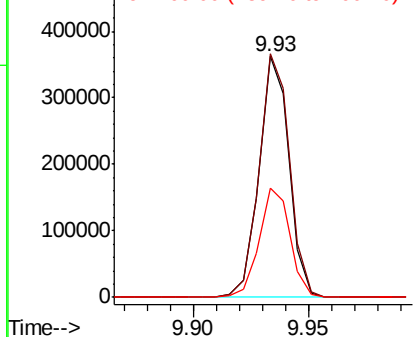


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 58.491 ng  
RT: 9.06 min Scan# 1186  
Delta R.T. 0.01 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.9  | 63.7  | 95.5  |
| 179     | 22.5  | 17.8  | 26.8  |
| 108     | 20.9  | 16.7  | 25.1  |

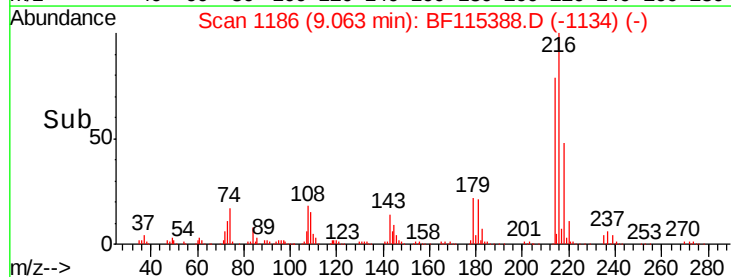
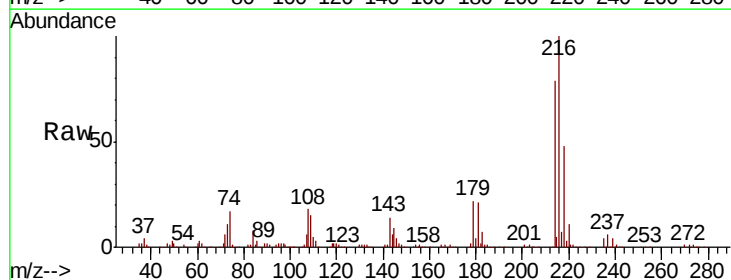
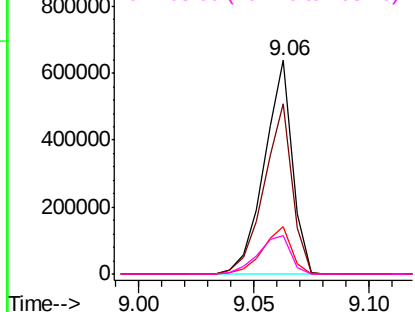
Abundance

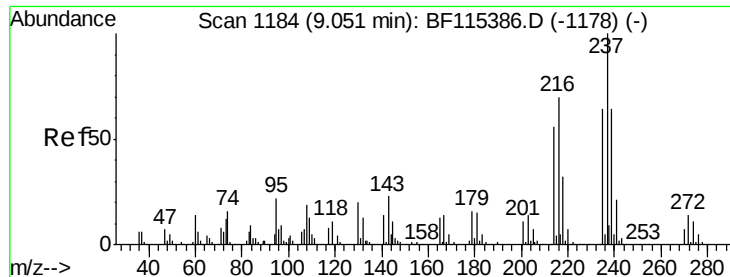
Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 60.211 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

Instrument :

BNA\_F

ClientSampled :

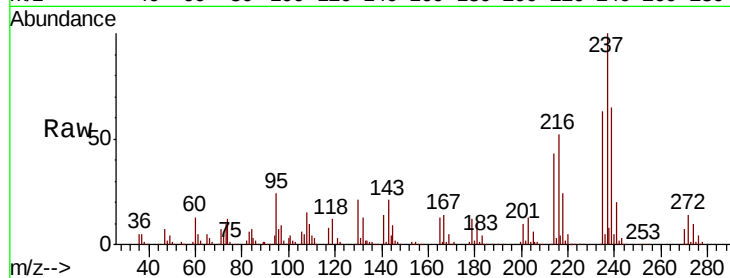
Tot Ion:237 Resp: 329555

Ion Ratio Lower Upper

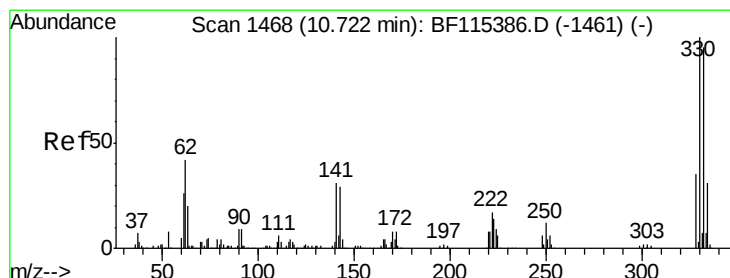
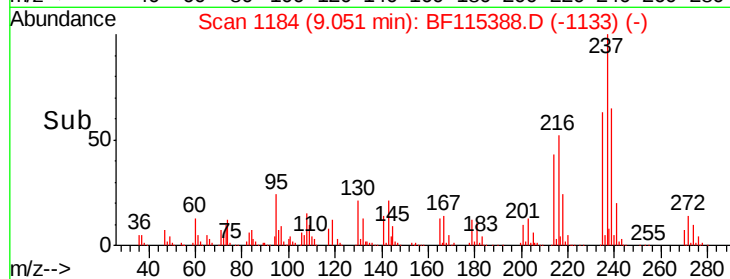
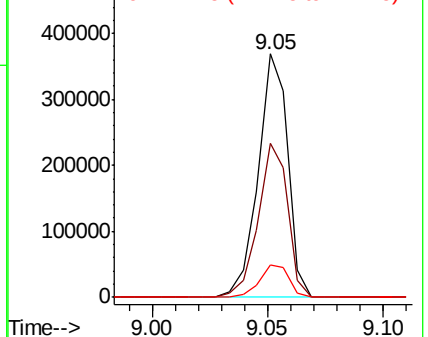
237 100

235 63.4 44.4 84.4

272 13.5 0.0 33.7



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



#42

2,4,6-Tribromophenol

Concen: 122.079 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.00 min

Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

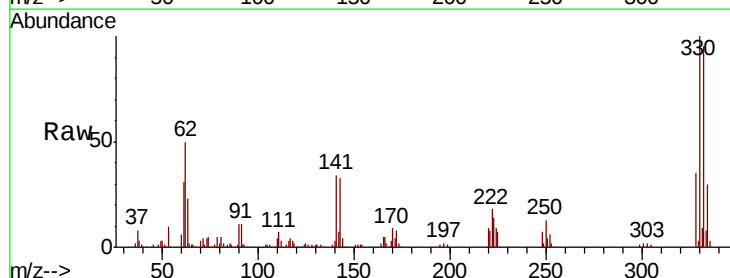
Tgt Ion:330 Resp: 420518

Ion Ratio Lower Upper

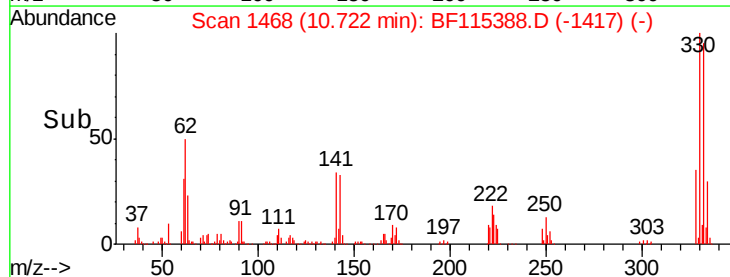
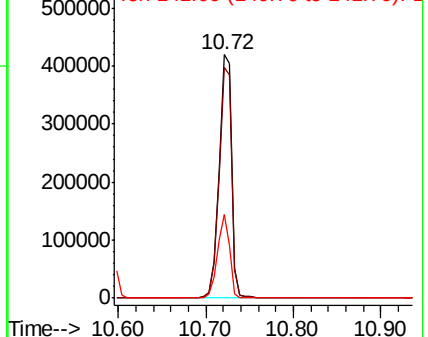
330 100

332 94.8 76.3 114.5

141 32.8 27.0 40.4



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

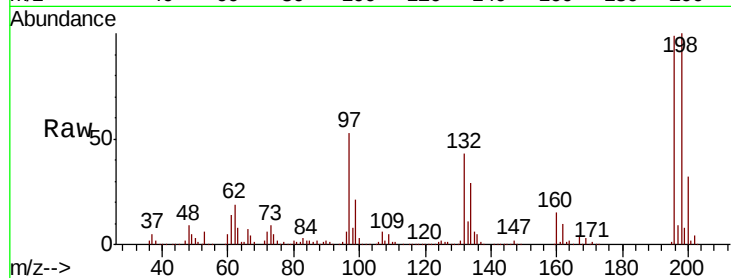




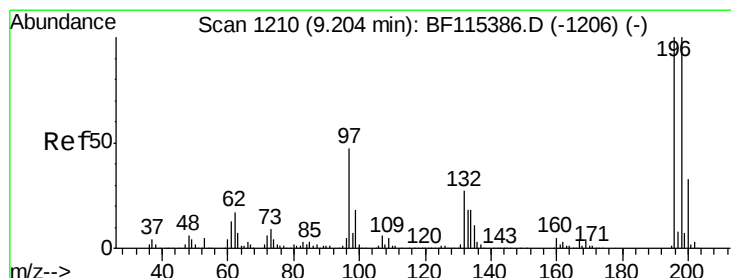
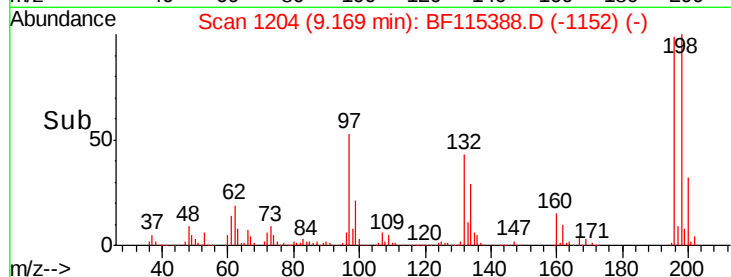
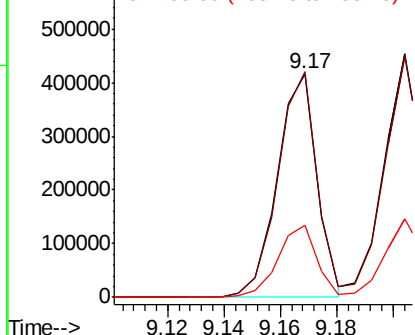
#43  
 2,4,6-Trichlorophenol  
 Concen: 56.724 ng  
 RT: 9.17 min Scan# 1204  
 Delta R.T. 0.01 min  
 Lab File: BF115388.D  
 Acq: 5 Jul 2019 10:41

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:196 Resp: 404232  
 Ion Ratio Lower Upper  
 196 100  
 198 101.3 79.5 119.3  
 200 32.5 25.8 38.8

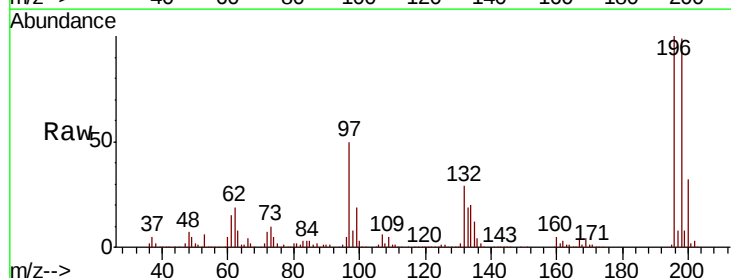


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

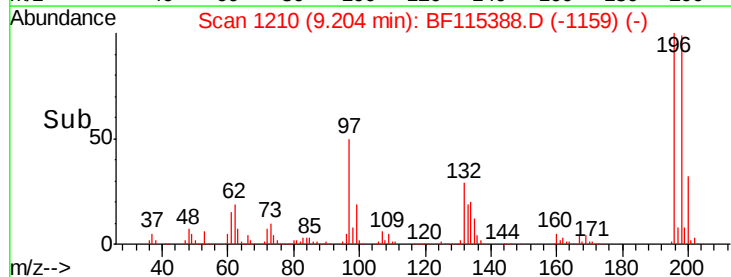
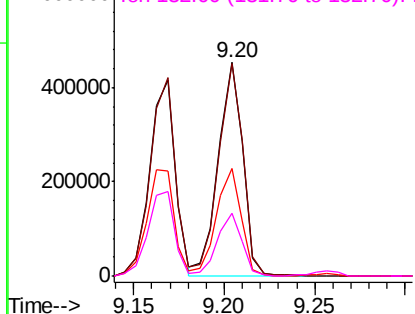


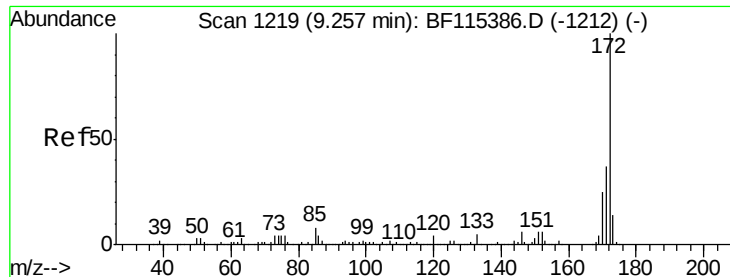
#44  
 2,4,5-Trichlorophenol  
 Concen: 58.122 ng  
 RT: 9.20 min Scan# 1210  
 Delta R.T. -0.00 min  
 Lab File: BF115388.D  
 Acq: 5 Jul 2019 10:41

Tgt Ion:196 Resp: 426544  
 Ion Ratio Lower Upper  
 196 100  
 198 99.2 80.3 120.5  
 97 50.5 38.3 57.5  
 132 29.3 22.2 33.2



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

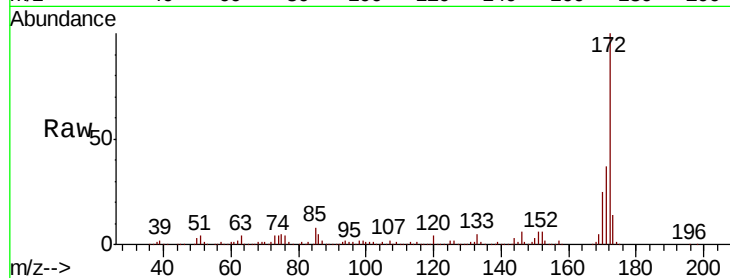




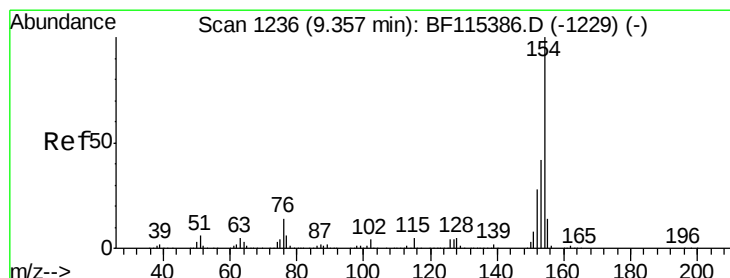
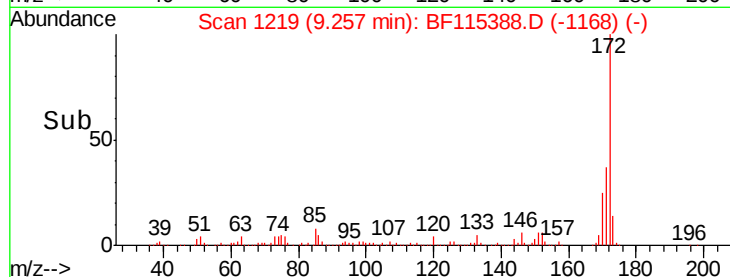
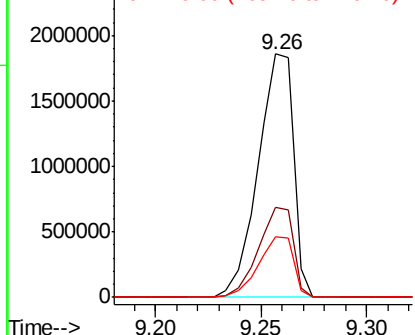
#45  
 2-Fluorobiphenyl  
 Concen: 112.397 ng  
 RT: 9.26 min Scan# 1219  
 Delta R.T. -0.00 min  
 Lab File: BF115388.D  
 Acq: 5 Jul 2019 10:41

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:172 Resp: 2161415  
 Ion Ratio Lower Upper  
 172 100  
 171 37.1 29.8 44.8  
 170 25.1 20.2 30.4

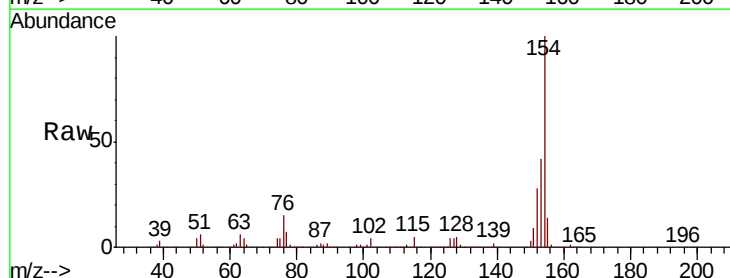


Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

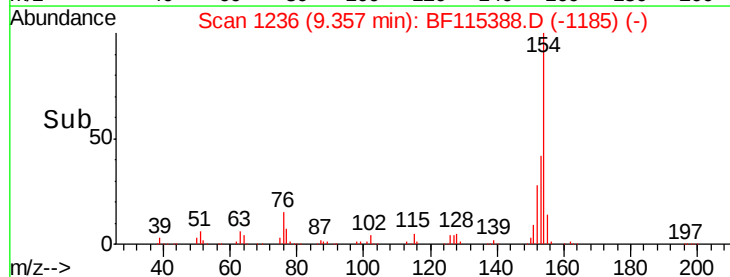
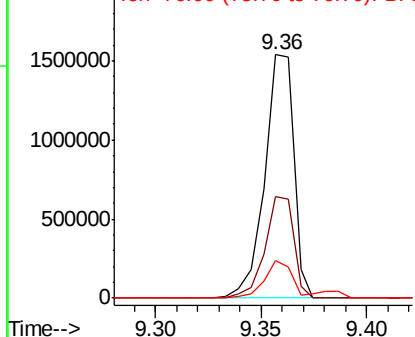


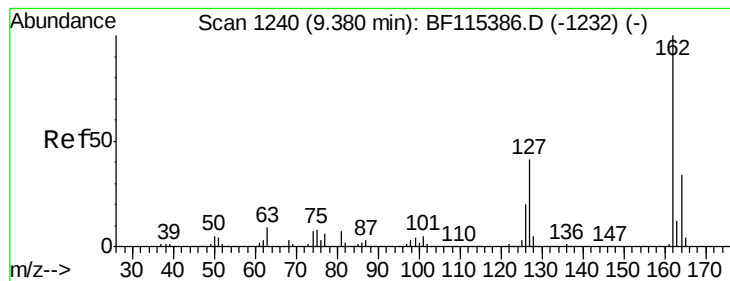
#46  
 1,1'-Biphenyl  
 Concen: 56.583 ng  
 RT: 9.36 min Scan# 1236  
 Delta R.T. -0.00 min  
 Lab File: BF115388.D  
 Acq: 5 Jul 2019 10:41

Tgt Ion:154 Resp: 1478881  
 Ion Ratio Lower Upper  
 154 100  
 153 41.9 21.9 61.9  
 76 15.4 0.0 34.3



Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 58.183 ng

RT: 9.39 min Scan# 1241

Delta R.T. 0.01 min

Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

Instrument :

BNA\_F

ClientSampleId :

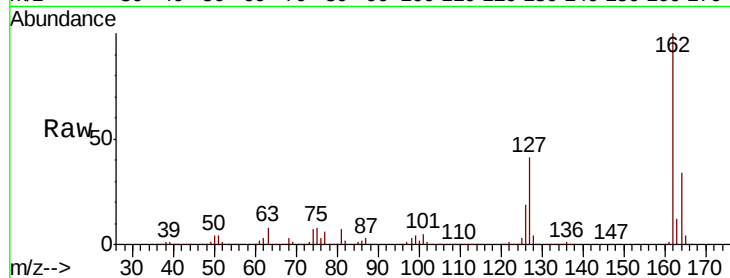
Tot Ion:162 Resp: 1233521

Ion Ratio Lower Upper

162 100

127 40.5 32.8 49.2

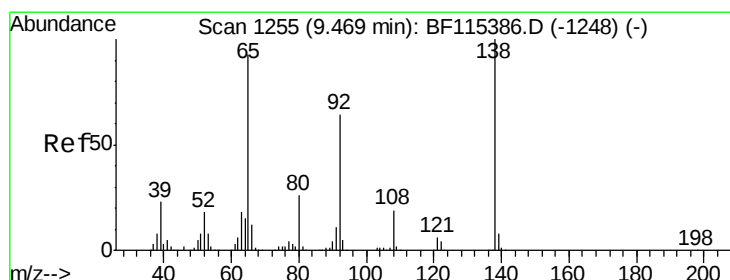
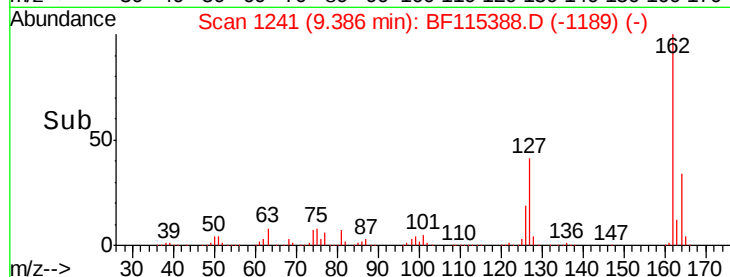
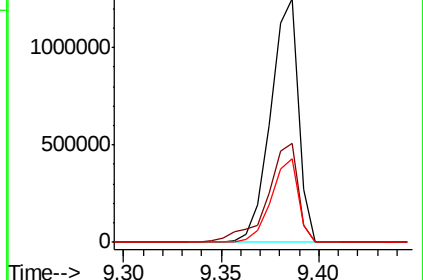
164 34.2 27.0 40.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 62.670 ng

RT: 9.47 min Scan# 1256

Delta R.T. 0.01 min

Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

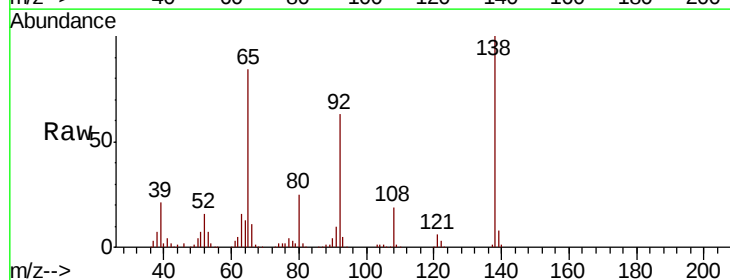
Tgt Ion: 65 Resp: 387356

Ion Ratio Lower Upper

65 100

92 74.4 55.4 83.0

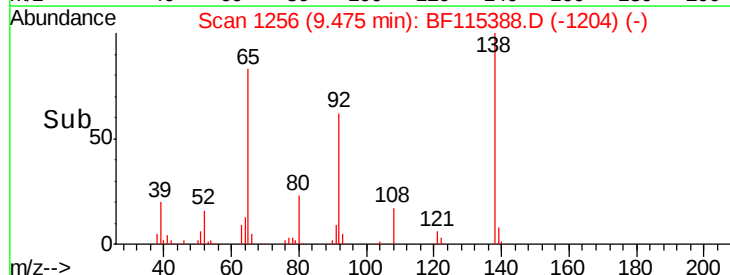
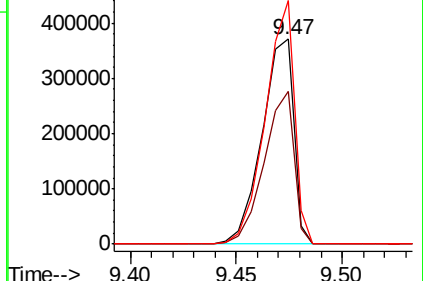
138 119.0 85.8 128.8

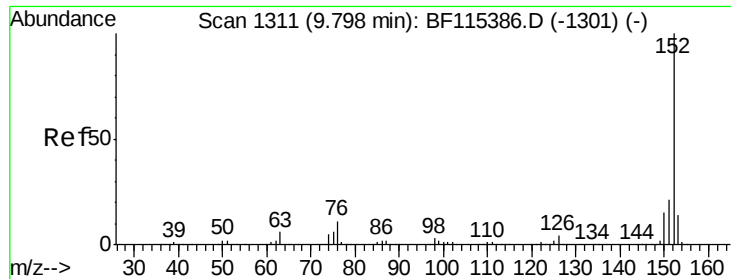


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 55.580 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

Instrument :

BNA\_F

ClientSampleId :

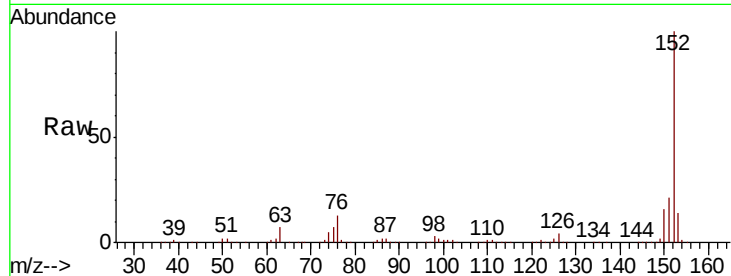
Tot Ion:152 Resp: 1835898

Ion Ratio Lower Upper

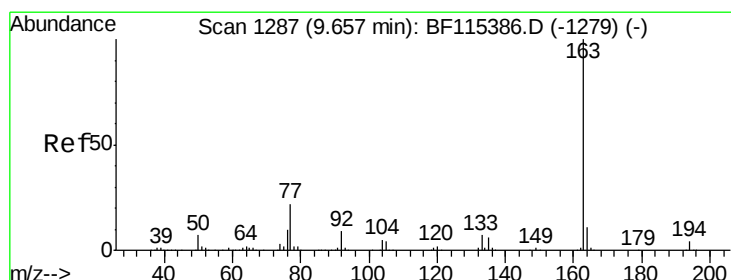
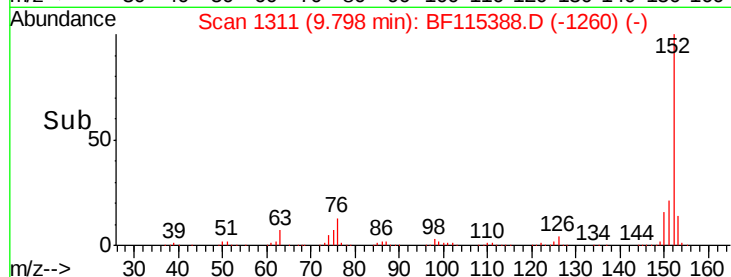
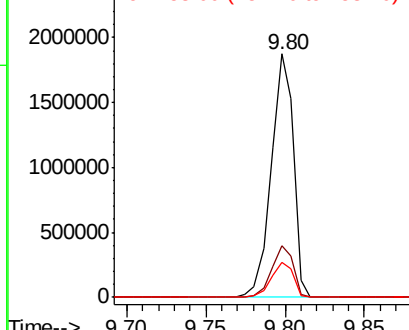
152 100

151 21.4 17.0 25.4

153 14.5 11.4 17.2



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



#50

Dimethylphthalate

Concen: 57.919 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.01 min

Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

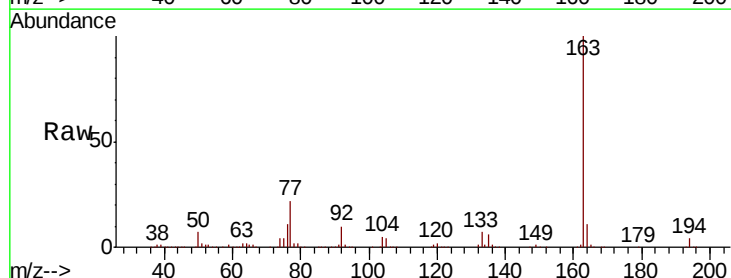
Tgt Ion:163 Resp: 1391927

Ion Ratio Lower Upper

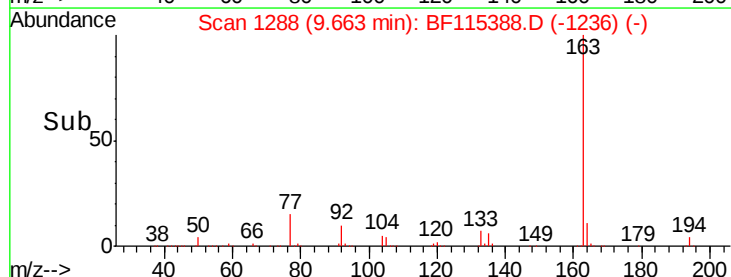
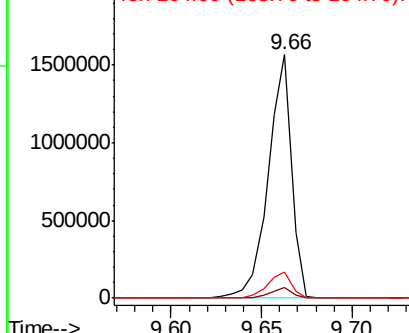
163 100

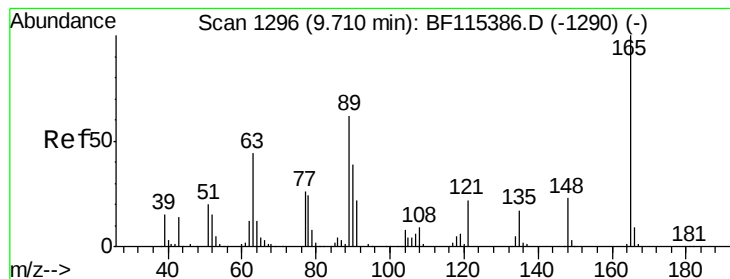
194 4.1 3.2 4.8

164 10.8 8.5 12.7



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





#51

2,6-Dinitrotoluene

Concen: 57.525 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.01 min

Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

Instrument :

BNA\_F

ClientSampleId :

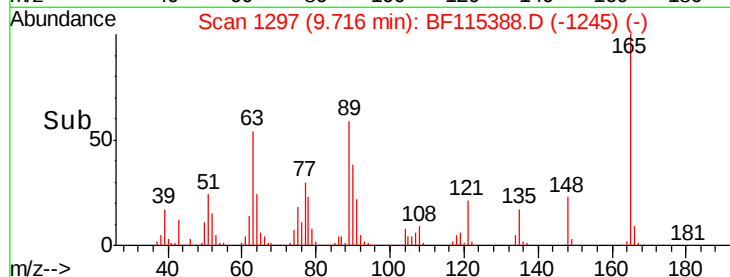
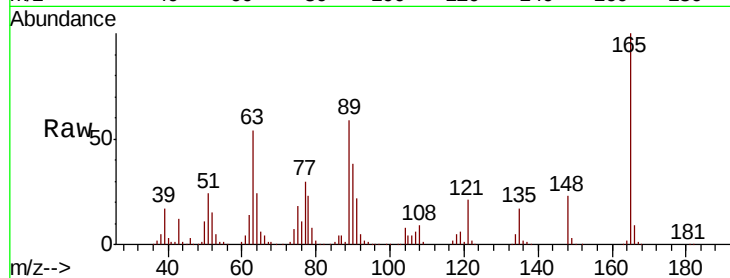
Tot Ion:165 Resp: 319168

Ion Ratio Lower Upper

165 100

63 54.5 45.8 68.6

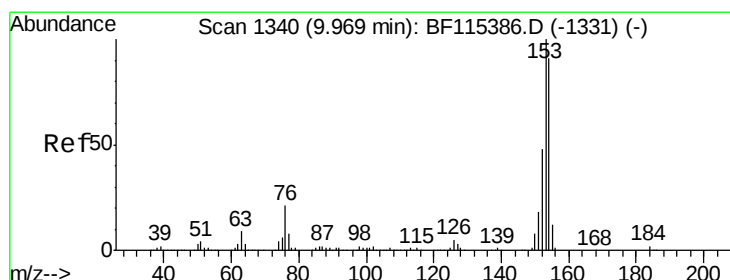
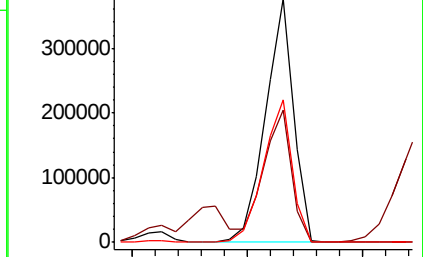
89 58.5 49.9 74.9



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 56.104 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

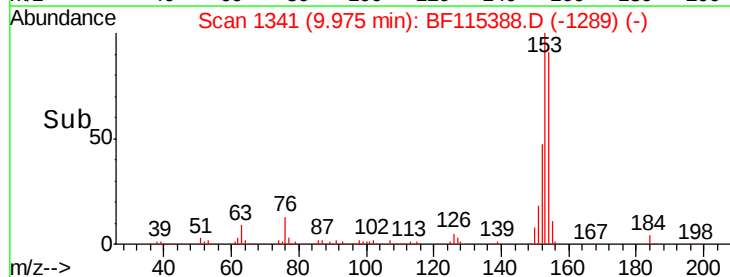
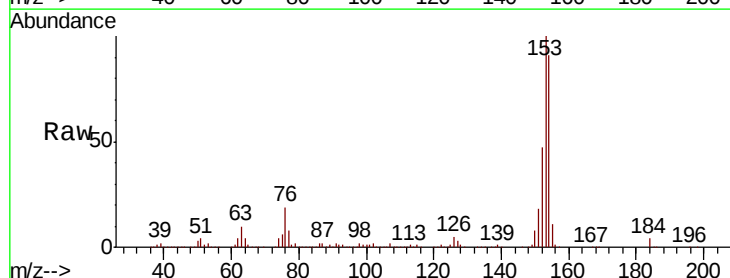
Tgt Ion:154 Resp: 1159633

Ion Ratio Lower Upper

154 100

153 110.1 87.9 131.9

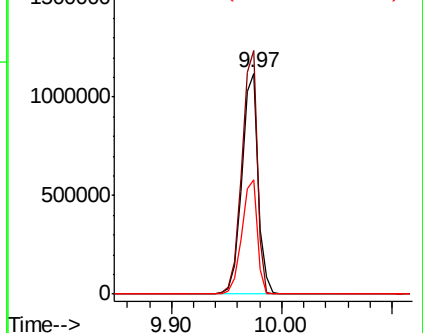
152 51.6 42.2 63.2

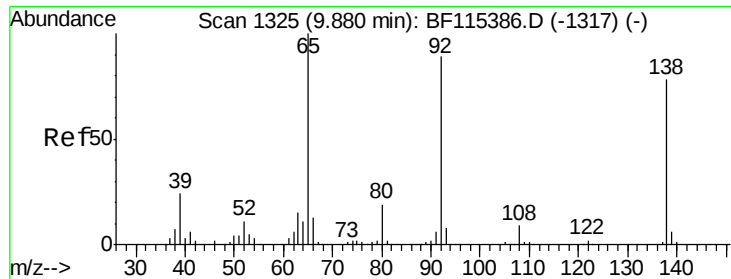


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

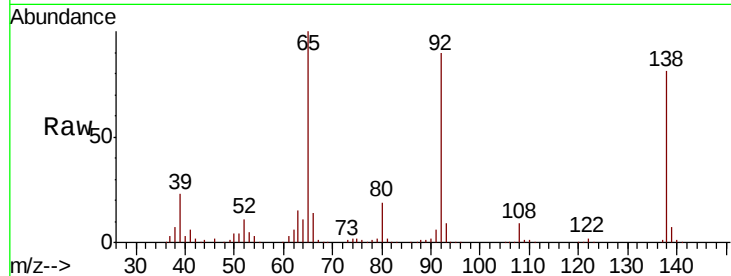




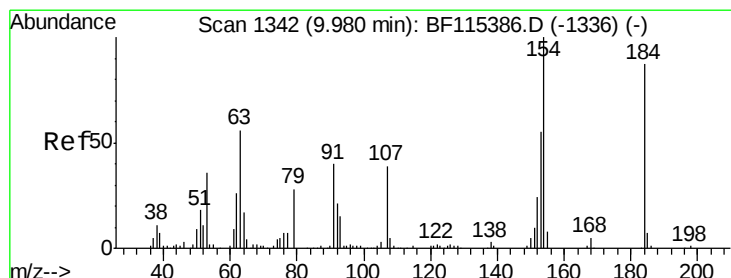
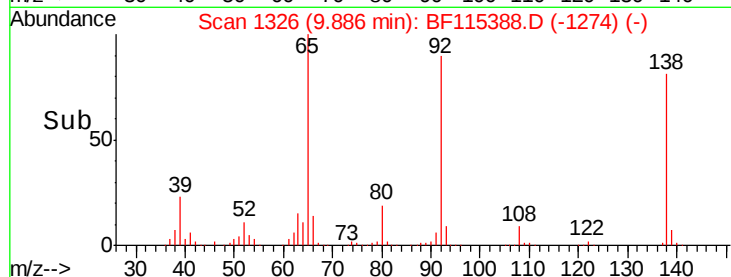
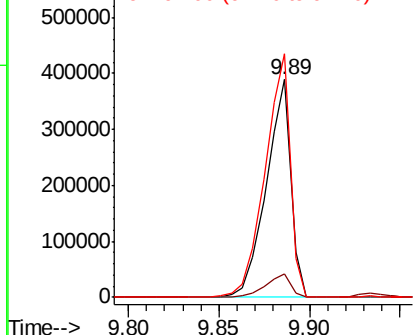
#53  
3-Nitroaniline  
Concen: 53.932 ng  
RT: 9.89 min Scan# 1326  
Delta R.T. 0.01 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:138 Resp: 365162  
Ion Ratio Lower Upper  
138 100  
108 10.8 9.0 13.4  
92 111.9 90.5 135.7

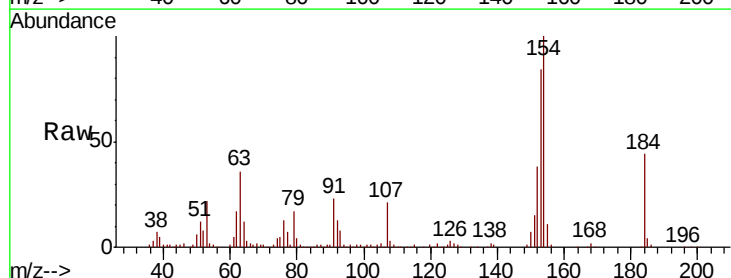


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

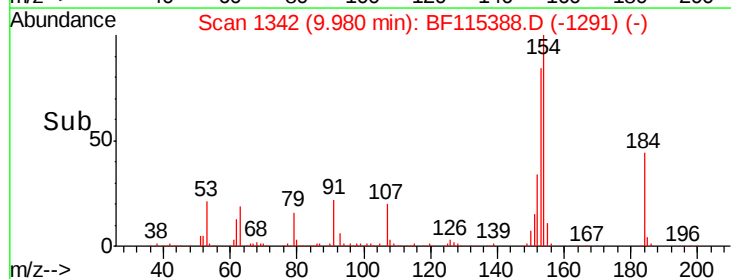
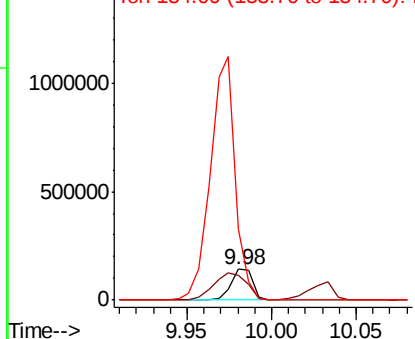


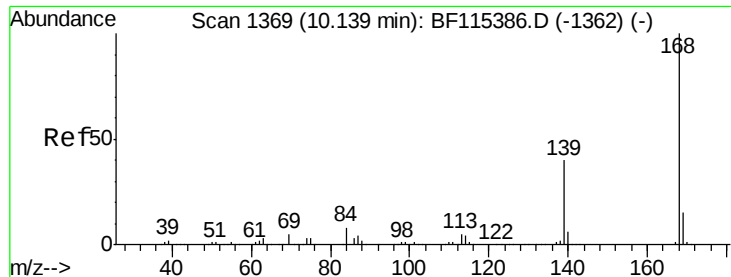
#54  
2,4-Dinitrophenol  
Concen: 52.013 ng  
RT: 9.98 min Scan# 1342  
Delta R.T. -0.00 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Tgt Ion:184 Resp: 127301  
Ion Ratio Lower Upper  
184 100  
63 81.8 52.1 78.1#  
154 228.5 97.7 146.5#



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 154.00 (153.70 to 154.70): E

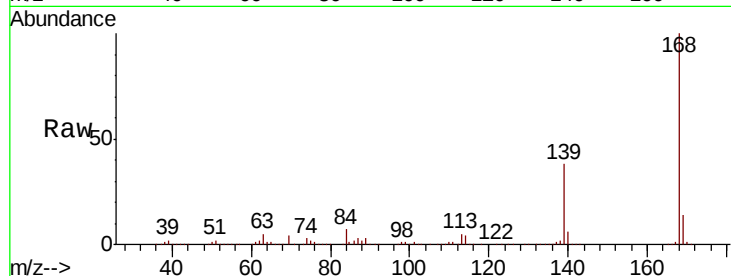




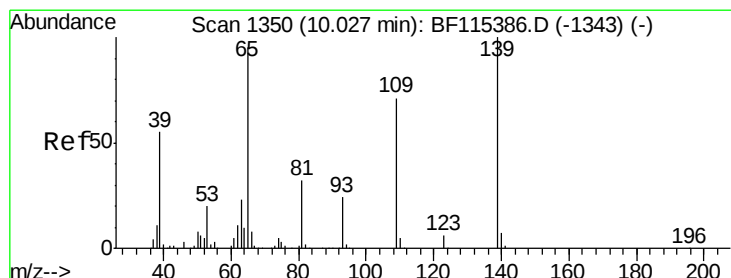
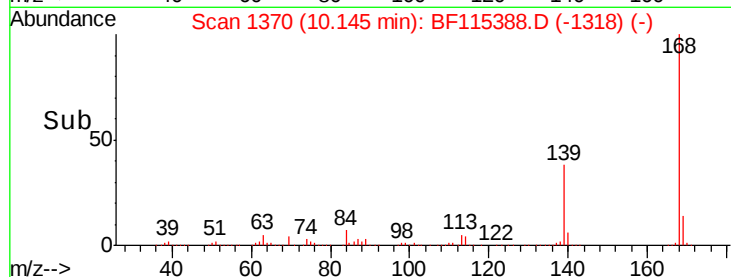
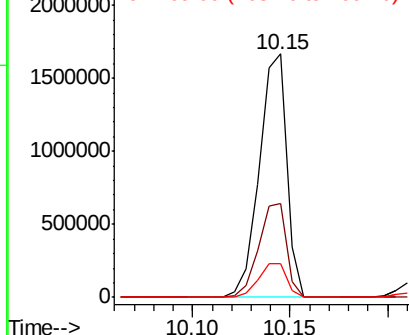
#55  
Dibenzofuran  
Concen: 54.788 ng  
RT: 10.15 min Scan# 1370  
Delta R.T. 0.01 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:168 Resp: 1625347  
Ion Ratio Lower Upper  
168 100  
139 38.3 32.2 48.2  
169 14.1 11.7 17.5

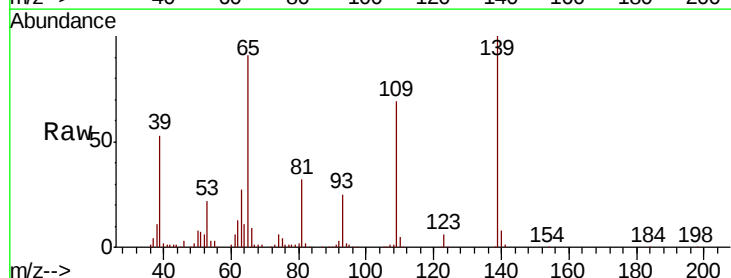


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

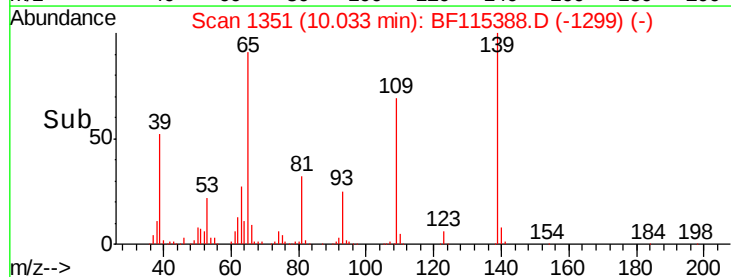
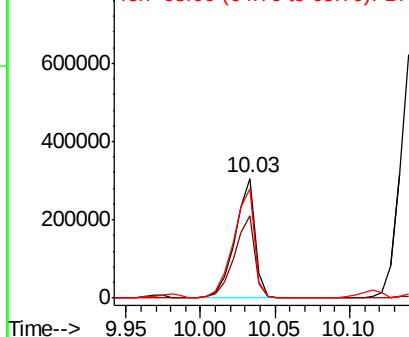


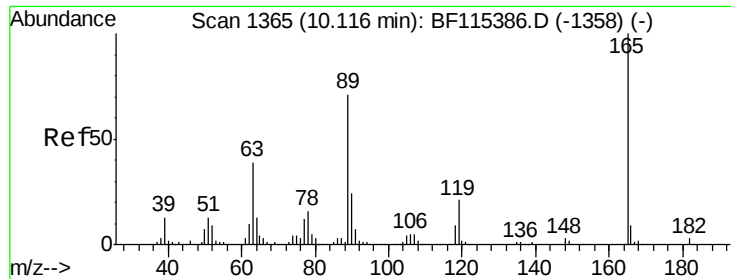
#56  
4-Nitrophenol  
Concen: 53.151 ng  
RT: 10.03 min Scan# 1351  
Delta R.T. 0.01 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Tgt Ion:139 Resp: 288511  
Ion Ratio Lower Upper  
139 100  
109 69.4 51.1 91.1  
65 91.3 75.2 115.2



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

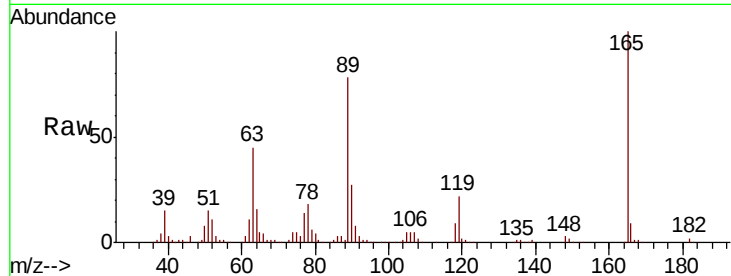




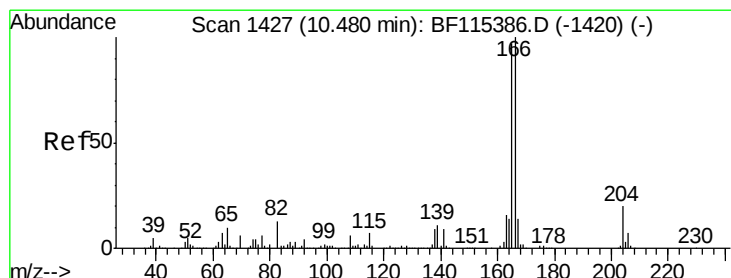
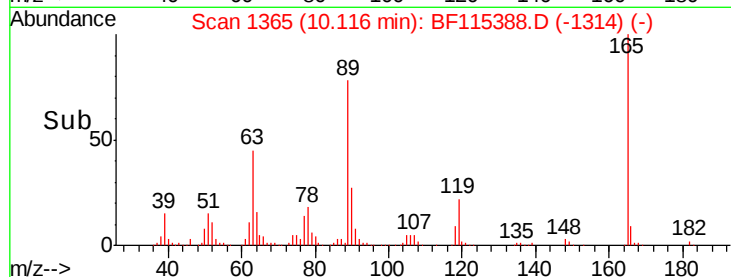
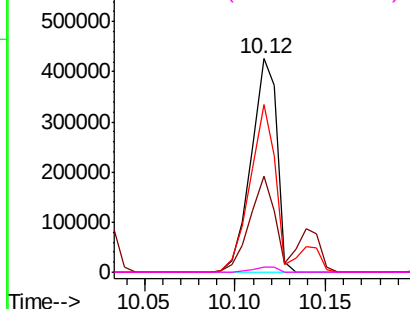
#57  
2,4-Dinitrotoluene  
Concen: 58.883 ng  
RT: 10.12 min Scan# 1365  
Delta R.T. -0.00 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:165 Resp: 421842  
Ion Ratio Lower Upper  
165 100  
63 45.1 31.4 47.0  
89 78.2 57.1 85.7  
182 2.5 2.2 3.2

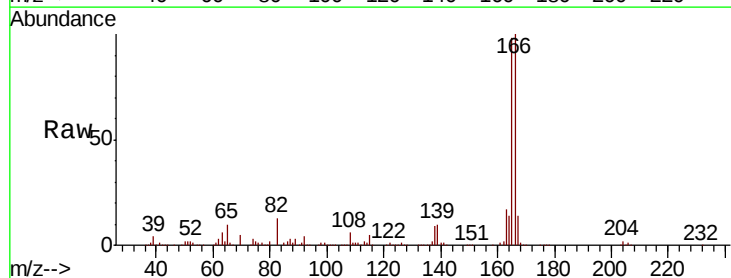


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1  
Ion 182.00 (181.70 to 182.70): E

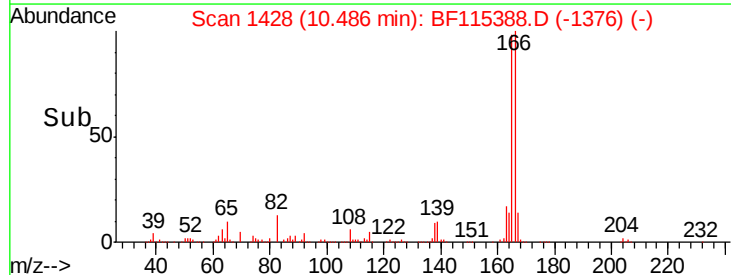
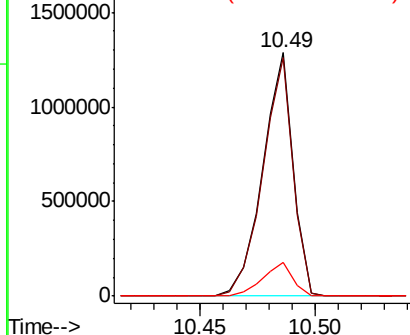


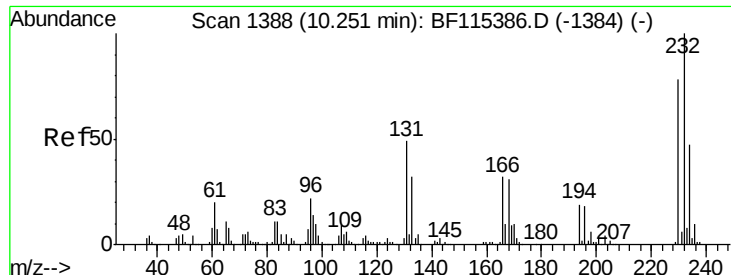
#58  
Fluorene  
Concen: 53.131 ng  
RT: 10.49 min Scan# 1428  
Delta R.T. 0.01 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Tgt Ion:166 Resp: 1173141  
Ion Ratio Lower Upper  
166 100  
165 98.2 77.8 116.6  
167 13.8 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E

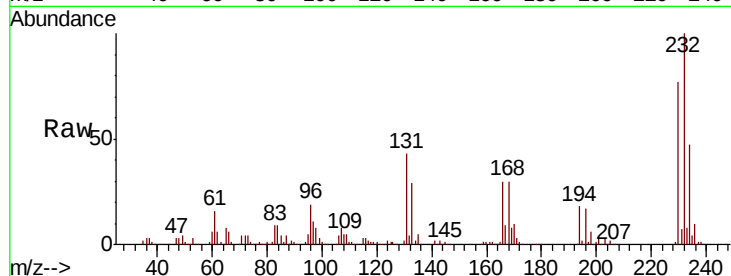




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 58.904 ng  
 RT: 10.26 min Scan# 1389  
 Delta R.T. 0.01 min  
 Lab File: BF115388.D  
 Acq: 5 Jul 2019 10:41

Instrument :  
 BNA\_F  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 45.8  | 36.6  | 55.0  |
| 130     | 2.4   | 1.8   | 2.8   |
| 166     | 31.0  | 24.6  | 36.8  |



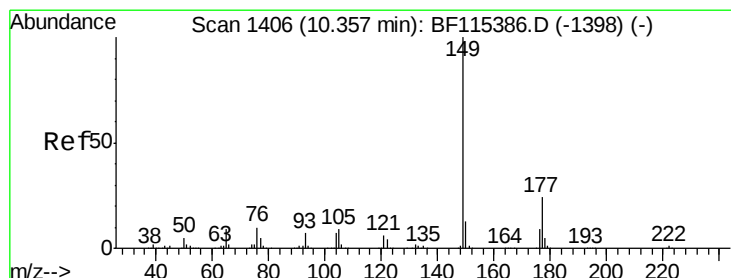
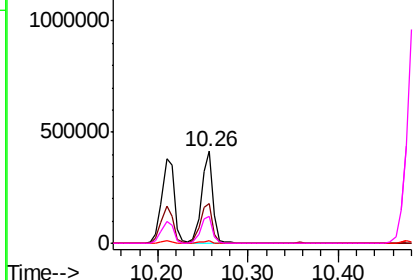
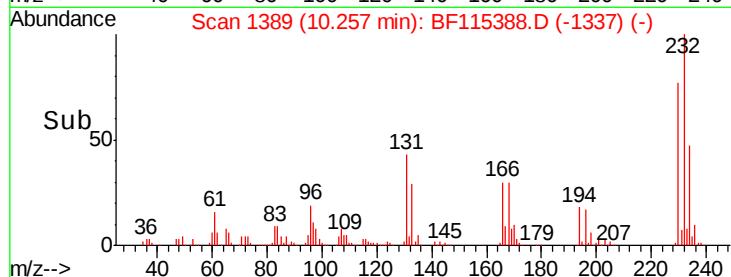
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

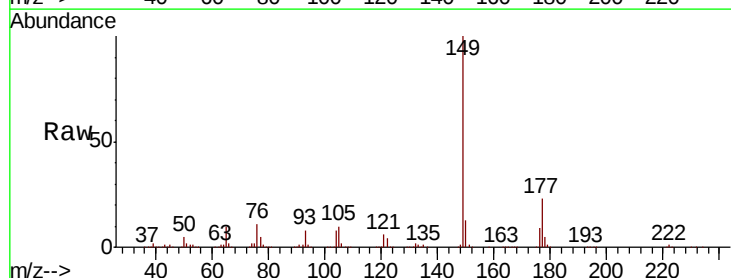
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
 Diethylphthalate  
 Concen: 57.336 ng  
 RT: 10.36 min Scan# 1406  
 Delta R.T. -0.00 min  
 Lab File: BF115388.D  
 Acq: 5 Jul 2019 10:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 23.4  | 18.8  | 28.2  |
| 150     | 13.2  | 10.2  | 15.2  |

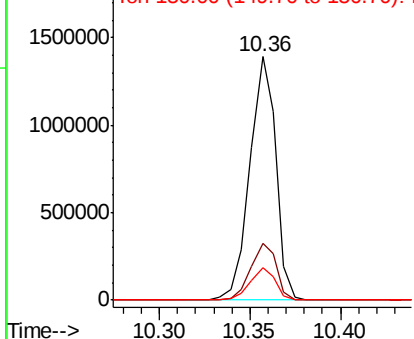
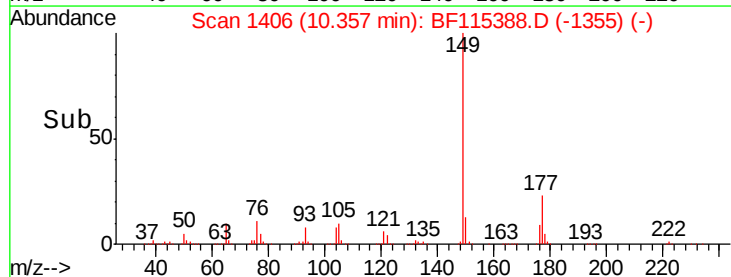


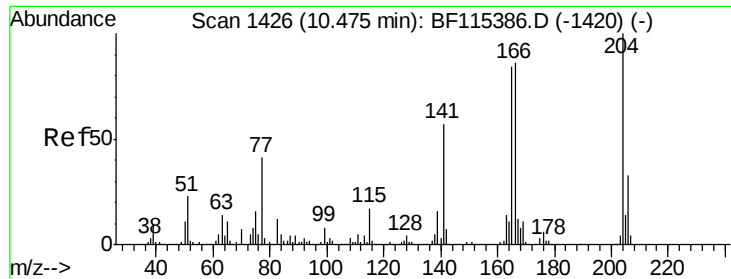
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

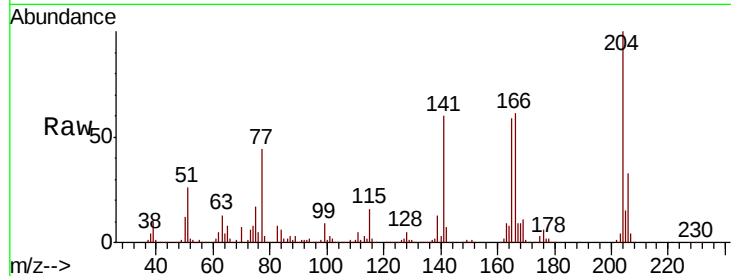




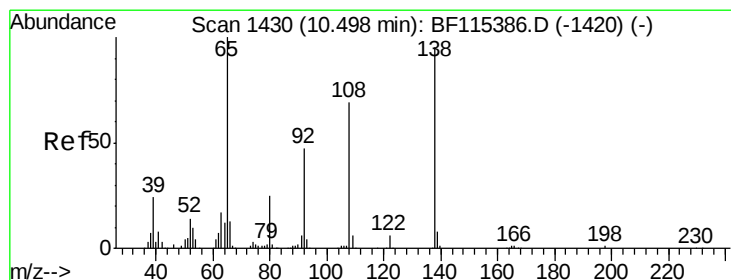
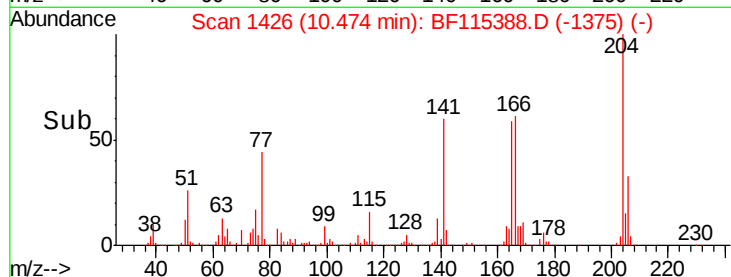
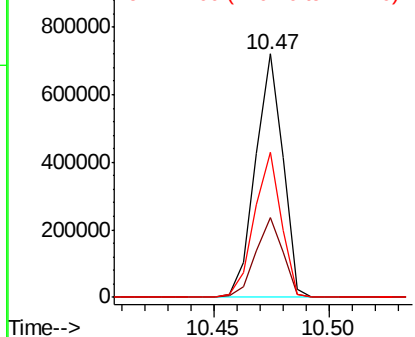
#61  
4-Chlorophenyl-phenylether  
Concen: 56.893 ng  
RT: 10.47 min Scan# 1426  
Delta R.T. -0.00 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:204 Resp: 599059  
Ion Ratio Lower Upper  
204 100  
206 32.9 26.1 39.1  
141 59.6 45.8 68.6

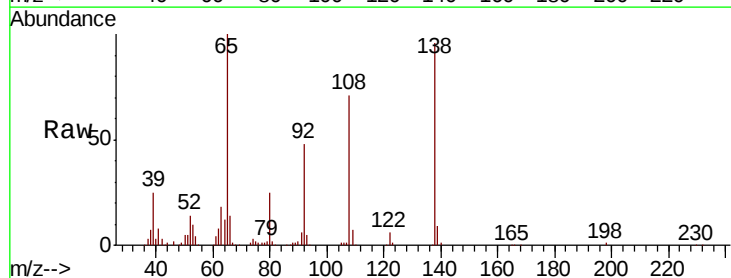


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

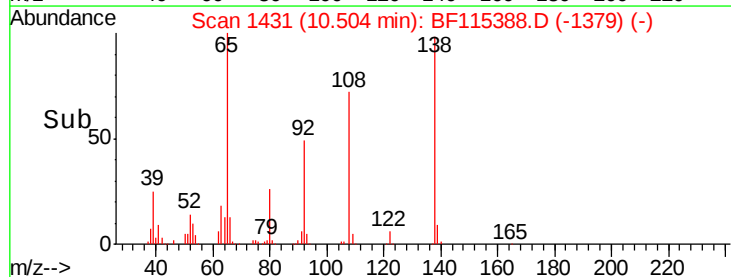
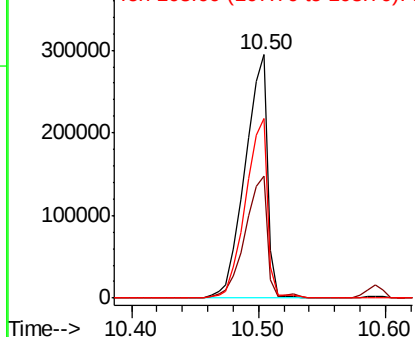


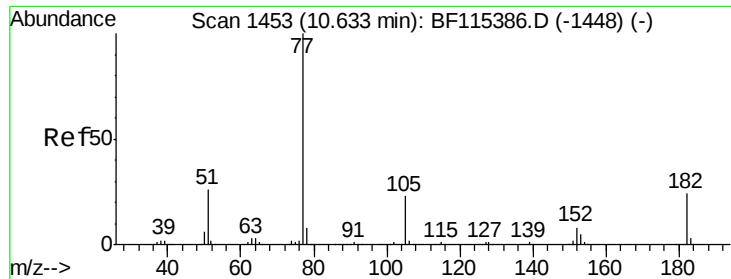
#62  
4-Nitroaniline  
Concen: 53.349 ng  
RT: 10.50 min Scan# 1431  
Delta R.T. 0.01 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Tgt Ion:138 Resp: 362365  
Ion Ratio Lower Upper  
138 100  
92 50.3 29.3 69.3  
108 73.6 53.2 93.2



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





#63

Azobenzene

Concen: 62.637 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

Instrument :

BNA\_F

ClientSampleId :

Tot Ion: 77 Resp: 1413329

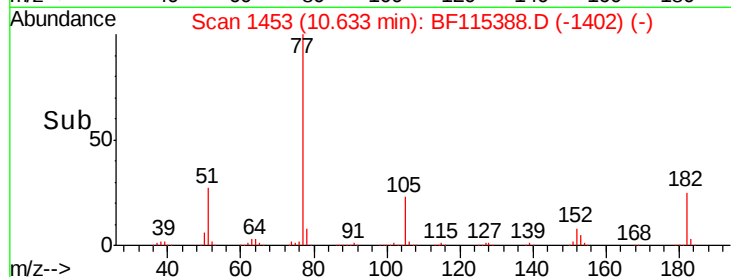
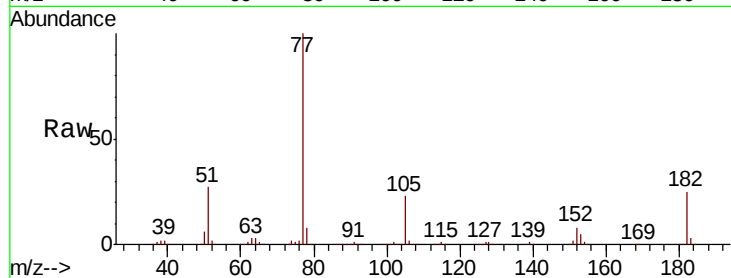
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 25.1  | 4.1   | 44.1  |
| 105 | 23.5  | 2.6   | 42.6  |
| 51  | 27.0  | 6.4   | 46.4  |

77 100

182 25.1 4.1 44.1

105 23.5 2.6 42.6

51 27.0 6.4 46.4

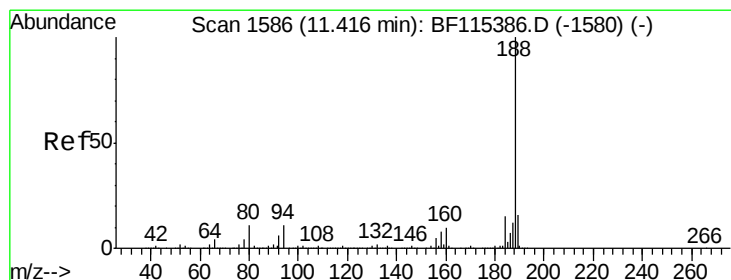
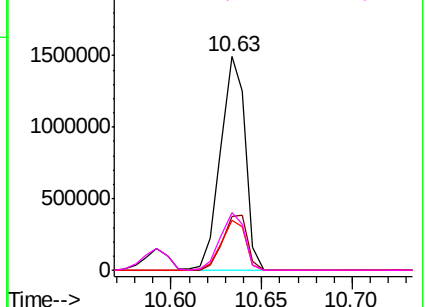


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

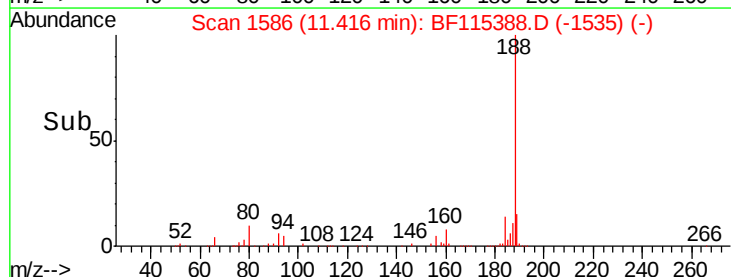
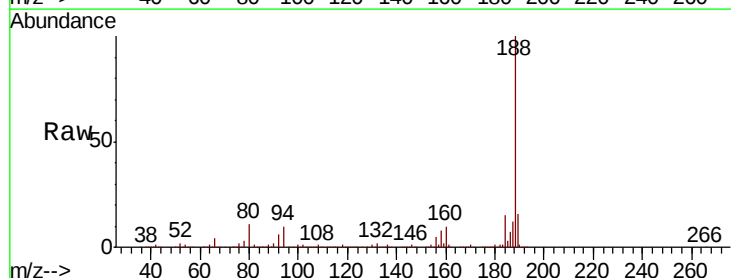
Tgt Ion: 188 Resp: 607927

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 10.1  | 8.5   | 12.7  |
| 80  | 10.9  | 9.1   | 13.7  |

188 100

94 10.1 8.5 12.7

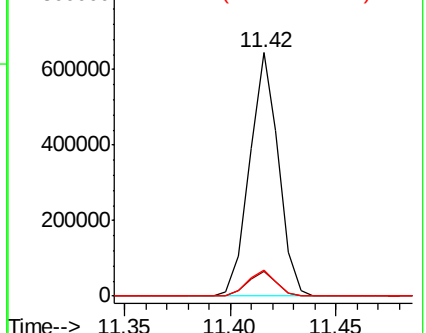
80 10.9 9.1 13.7



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

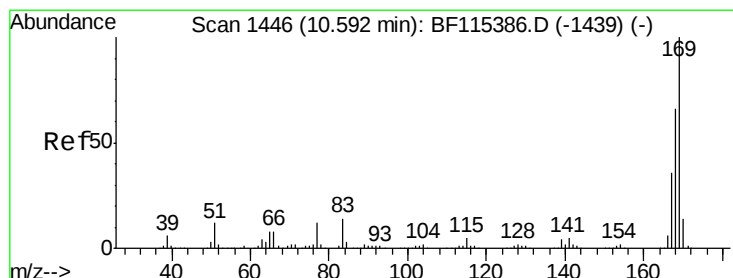
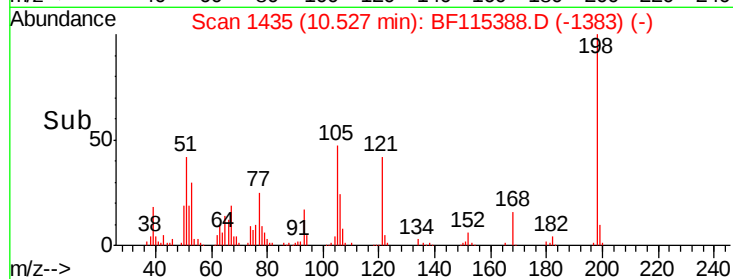
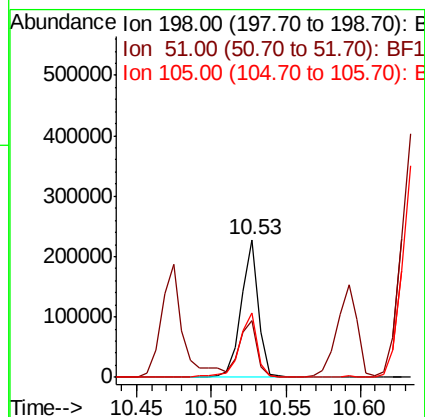
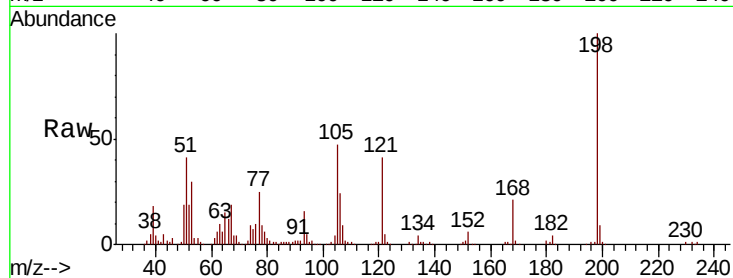




#65  
4,6-Dinitro-2-methylphenol  
Concen: 60.154 ng  
RT: 10.53 min Scan# 1435  
Delta R.T. 0.01 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

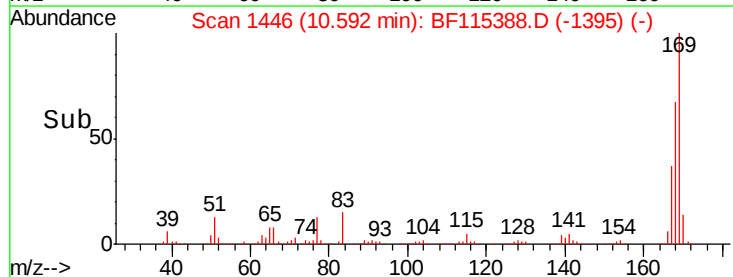
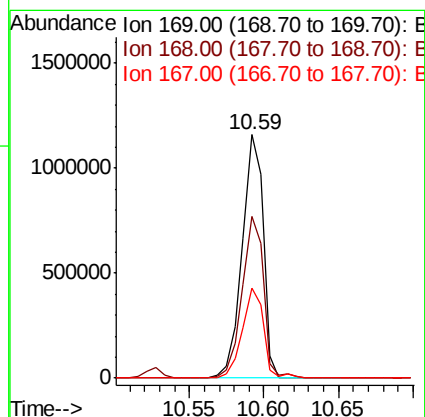
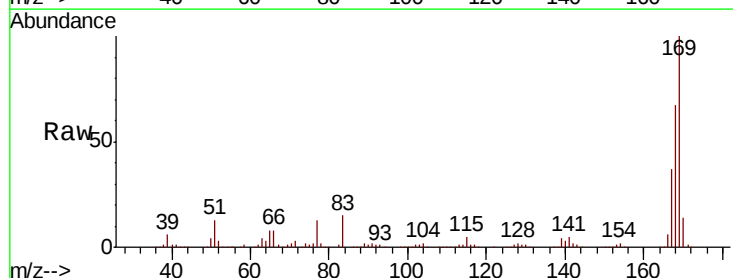
Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:198 Resp: 182117  
Ion Ratio Lower Upper  
198 100  
51 41.1 25.4 65.4  
105 46.8 27.9 67.9



#66  
n-Nitrosodiphenylamine  
Concen: 60.238 ng  
RT: 10.59 min Scan# 1446  
Delta R.T. -0.00 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Tgt Ion:169 Resp: 1140904  
Ion Ratio Lower Upper  
169 100  
168 66.7 52.6 79.0  
167 36.9 29.2 43.8

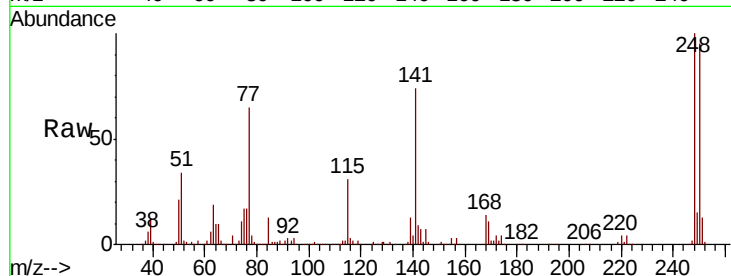




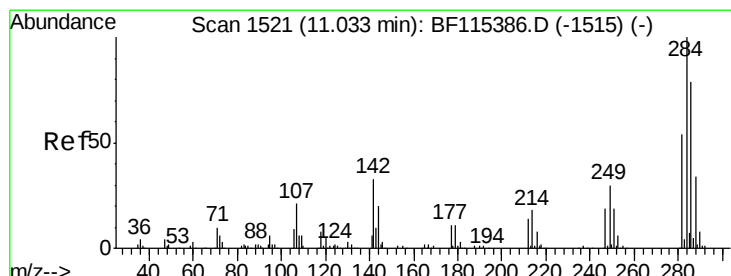
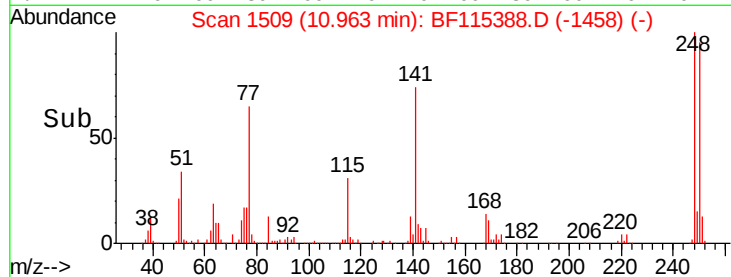
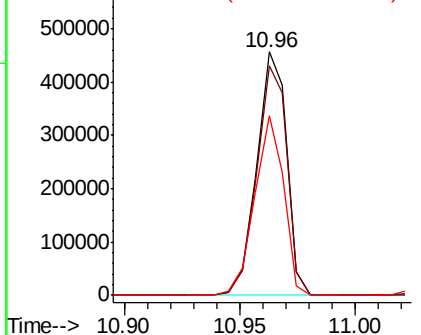
#67  
 4-Bromophenyl-phenylether  
 Concen: 62.716 ng  
 RT: 10.96 min Scan# 1509  
 Delta R.T. -0.00 min  
 Lab File: BF115388.D  
 Acq: 5 Jul 2019 10:41

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:248 Resp: 413369  
 Ion Ratio Lower Upper  
 248 100  
 250 94.5 77.3 115.9  
 141 73.6 58.5 87.7

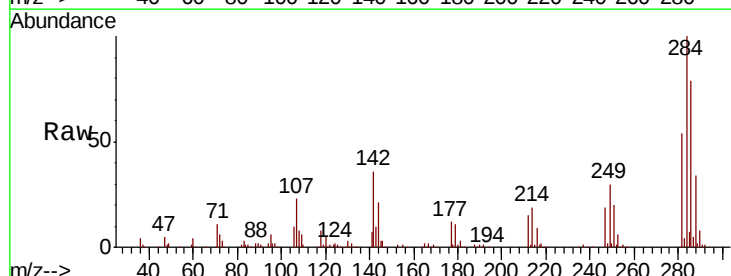


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

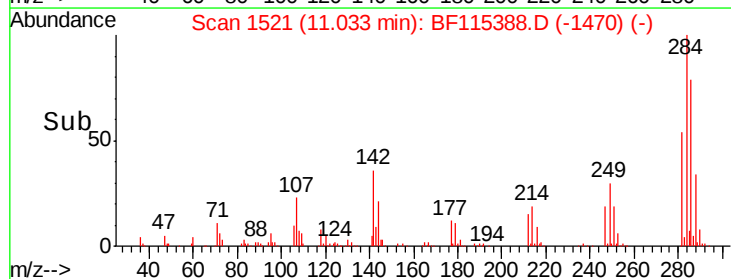
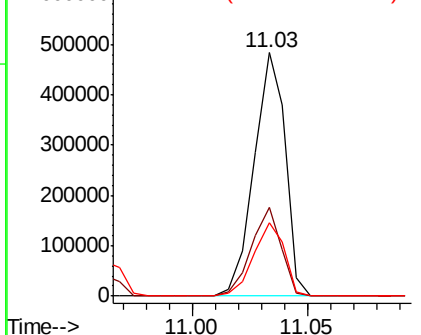


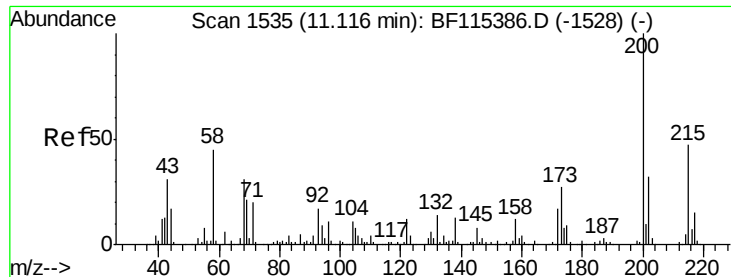
#68  
 Hexachlorobenzene  
 Concen: 63.678 ng  
 RT: 11.03 min Scan# 1521  
 Delta R.T. -0.00 min  
 Lab File: BF115388.D  
 Acq: 5 Jul 2019 10:41

Tgt Ion:284 Resp: 455575  
 Ion Ratio Lower Upper  
 284 100  
 142 36.3 26.5 39.7  
 249 30.2 24.2 36.2



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

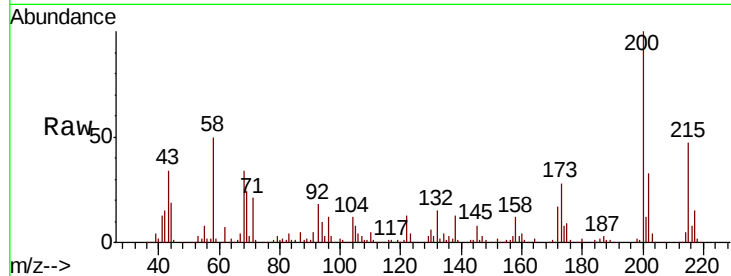




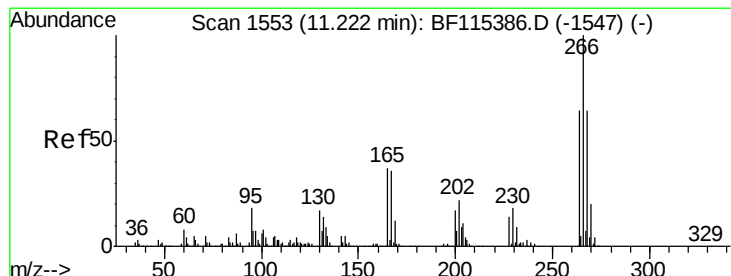
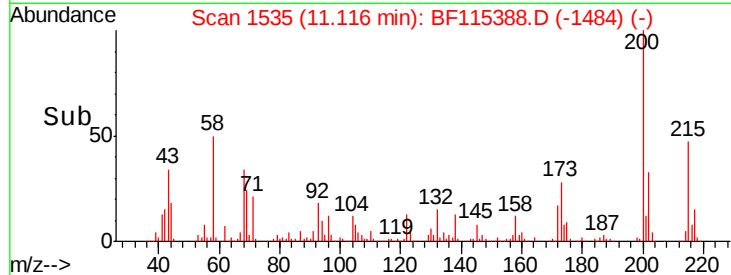
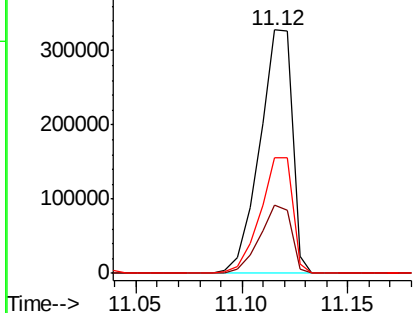
#69  
 Atrazine  
 Concen: 57.581 ng  
 RT: 11.12 min Scan# 1535  
 Delta R.T. -0.00 min  
 Lab File: BF115388.D  
 Acq: 5 Jul 2019 10:41

Instrument :  
 BNA\_F  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 28.1  | 7.1   | 47.1  |
| 215     | 47.4  | 27.5  | 67.5  |

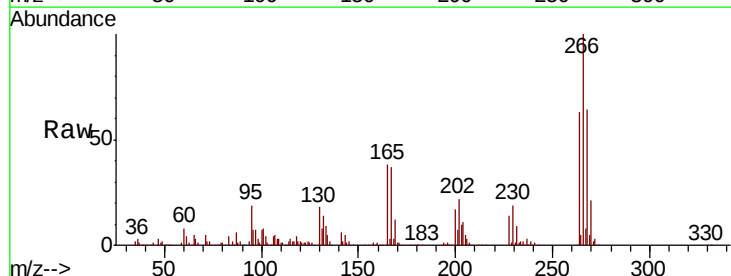


Abundance Ion 200.00 (199.70 to 200.70): E  
 Ion 173.00 (172.70 to 173.70): E  
 Ion 215.00 (214.70 to 215.70): E

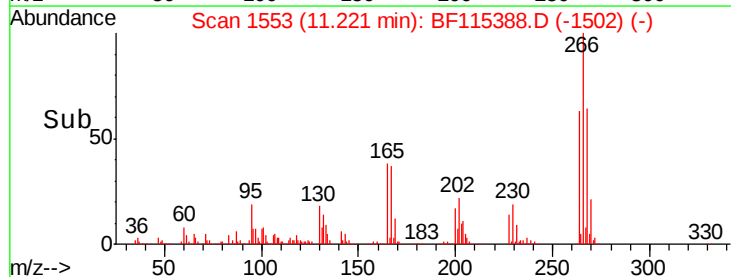
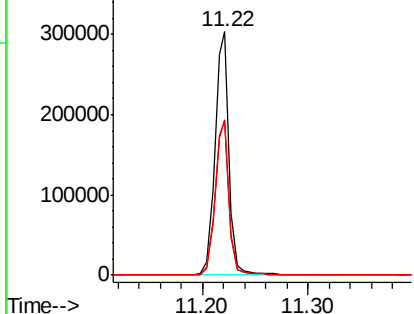


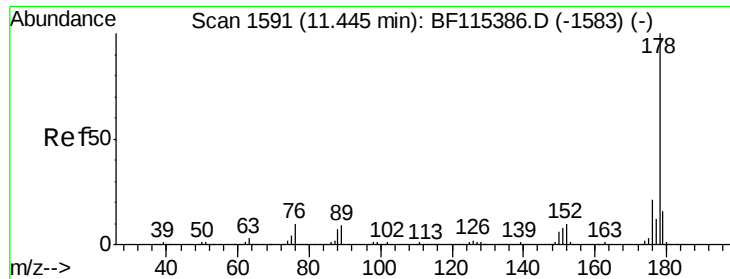
#70  
 Pentachlorophenol  
 Concen: 63.118 ng  
 RT: 11.22 min Scan# 1553  
 Delta R.T. -0.00 min  
 Lab File: BF115388.D  
 Acq: 5 Jul 2019 10:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.7  | 51.3  | 76.9  |
| 264     | 63.4  | 51.6  | 77.4  |



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

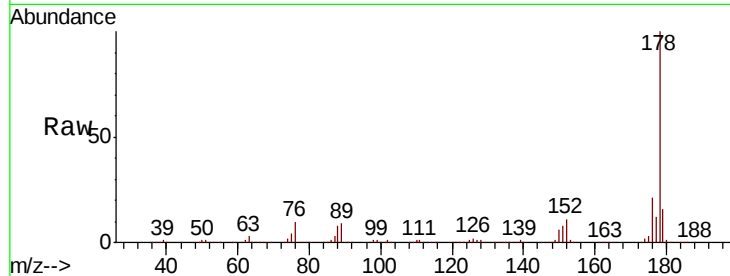




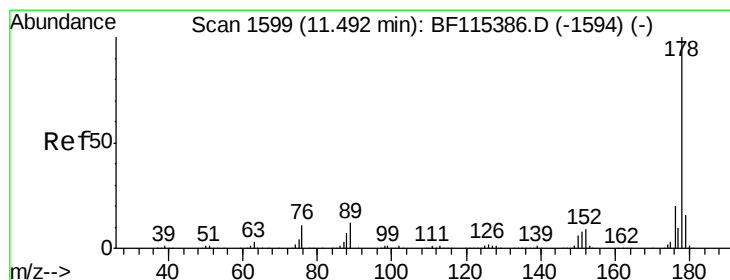
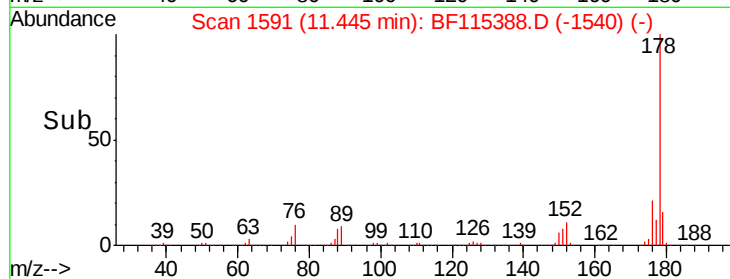
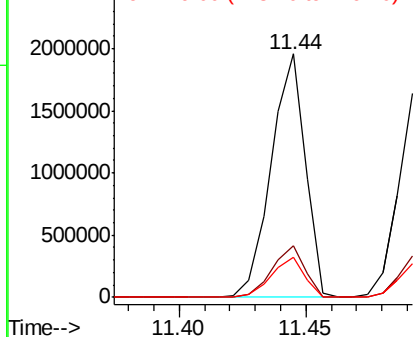
#71  
 Phenanthrene  
 Concen: 56.643 ng  
 RT: 11.44 min Scan# 1591  
 Delta R.T. -0.00 min  
 Lab File: BF115388.D  
 Acq: 5 Jul 2019 10:41

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:178 Resp: 1854021  
 Ion Ratio Lower Upper  
 178 100  
 176 21.1 16.6 25.0  
 179 16.5 13.0 19.6

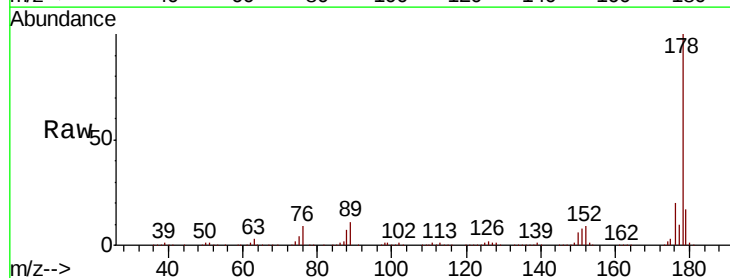


Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

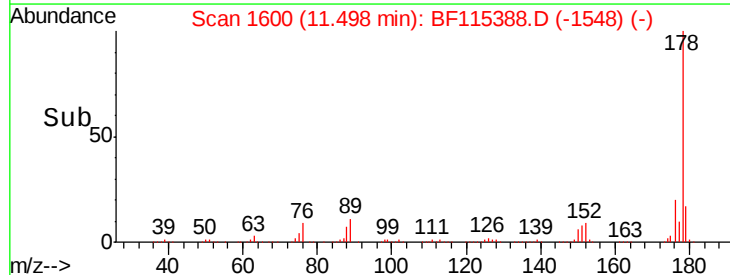
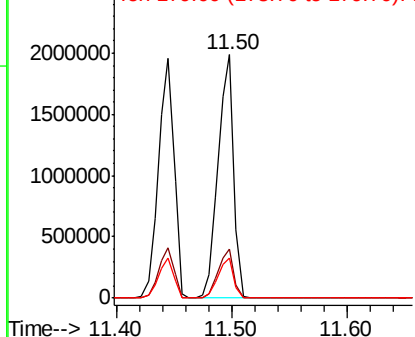


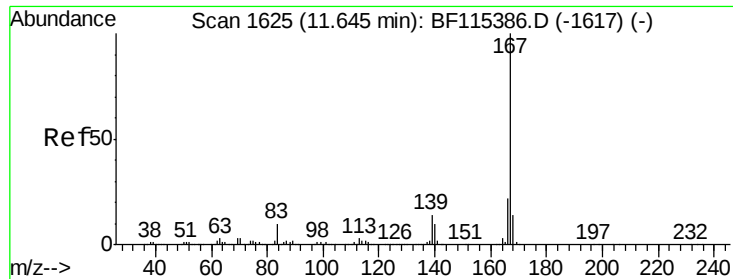
#72  
 Anthracene  
 Concen: 56.087 ng  
 RT: 11.50 min Scan# 1600  
 Delta R.T. 0.01 min  
 Lab File: BF115388.D  
 Acq: 5 Jul 2019 10:41

Tgt Ion:178 Resp: 1853143  
 Ion Ratio Lower Upper  
 178 100  
 176 20.1 16.0 24.0  
 179 16.5 13.1 19.7



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

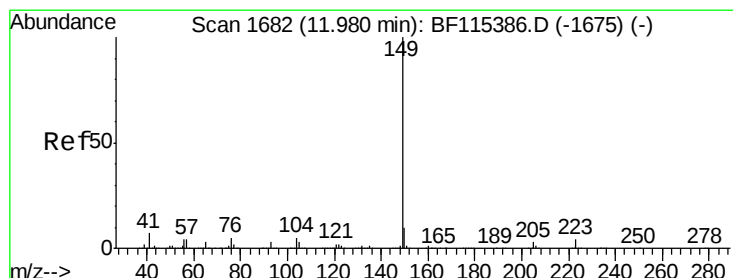
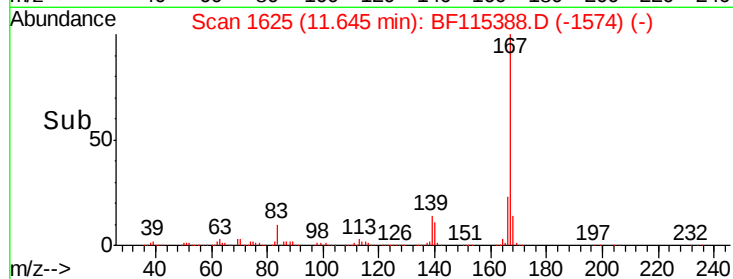
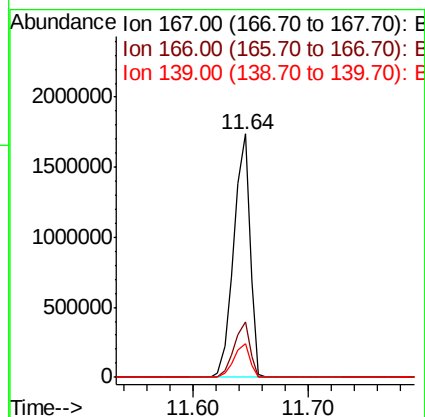
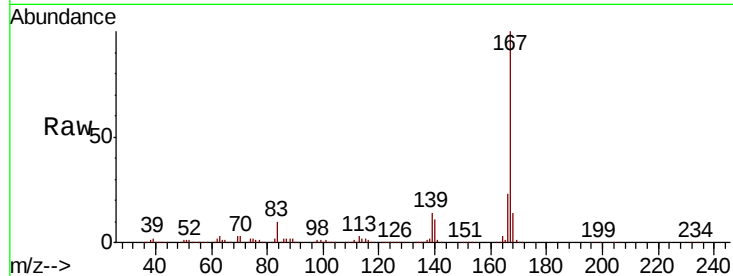




#73  
 Carbazole  
 Concen: 57.693 ng  
 RT: 11.64 min Scan# 1625  
 Delta R.T. -0.00 min  
 Lab File: BF115388.D  
 Acq: 5 Jul 2019 10:41

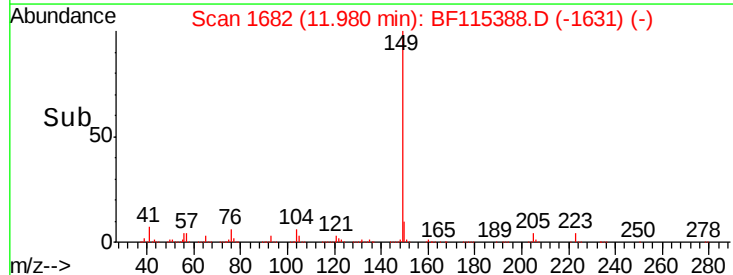
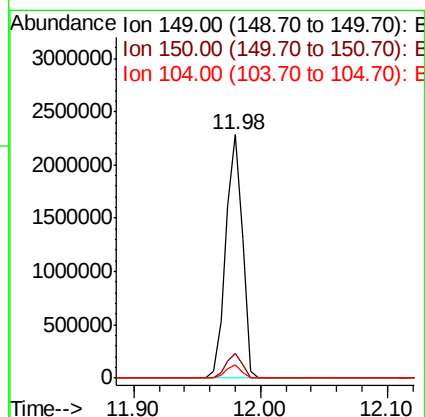
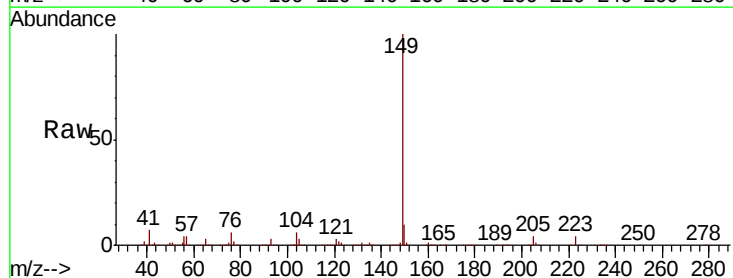
Instrument :  
 BNA\_F  
 ClientSampleId :

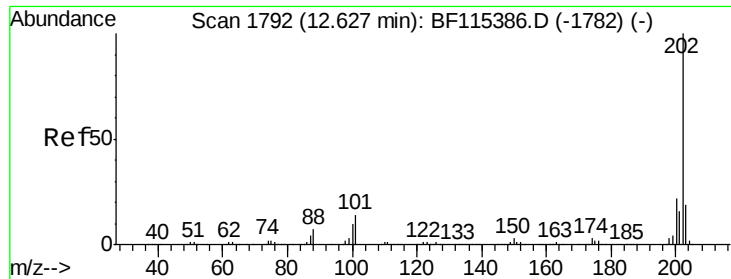
Tot Ion:167 Resp: 1702160  
 Ion Ratio Lower Upper  
 167 100  
 166 22.9 17.9 26.9  
 139 14.0 11.0 16.6



#74  
 Di-n-butylphthalate  
 Concen: 60.768 ng  
 RT: 11.98 min Scan# 1682  
 Delta R.T. -0.00 min  
 Lab File: BF115388.D  
 Acq: 5 Jul 2019 10:41

Tgt Ion:149 Resp: 2071797  
 Ion Ratio Lower Upper  
 149 100  
 150 10.3 8.0 12.0  
 104 5.7 4.4 6.6

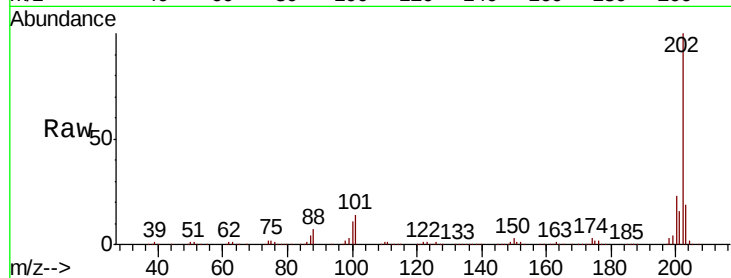




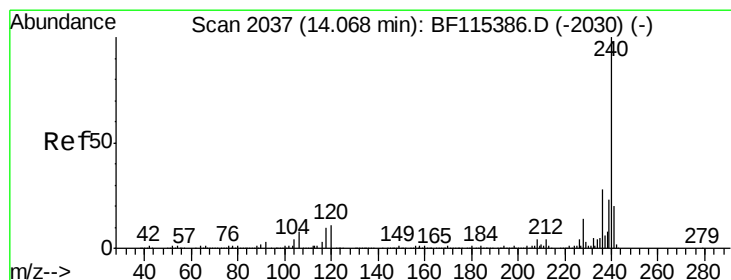
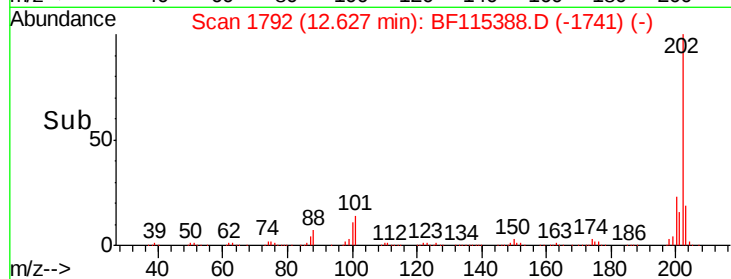
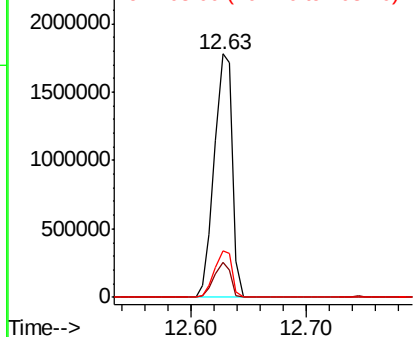
#75  
Fluoranthene  
Concen: 59.061 ng  
RT: 12.63 min Scan# 1792  
Delta R.T. -0.00 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:202 Resp: 1928798  
Ion Ratio Lower Upper  
202 100  
101 14.2 0.0 34.0  
203 18.9 0.0 38.5

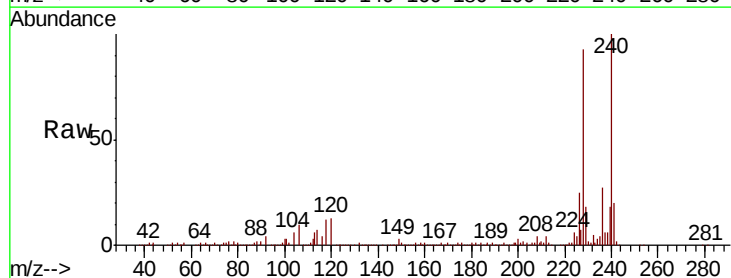


Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E

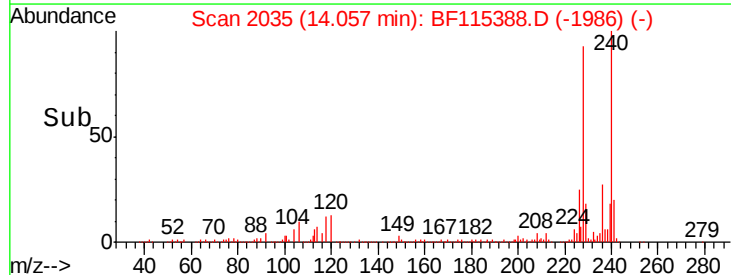
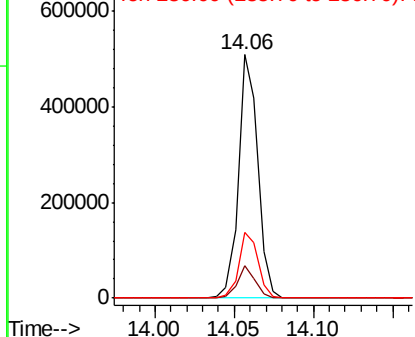


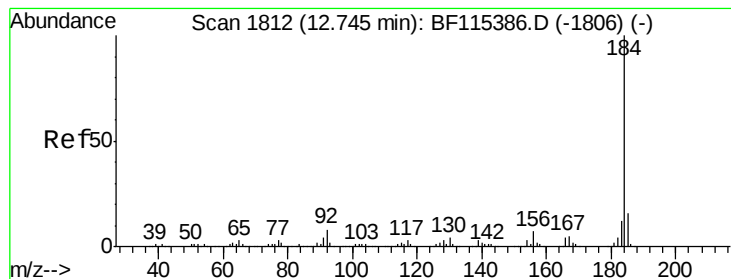
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.06 min Scan# 2035  
Delta R.T. -0.01 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Tgt Ion:240 Resp: 427587  
Ion Ratio Lower Upper  
240 100  
120 13.4 9.1 13.7  
236 27.0 22.5 33.7



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

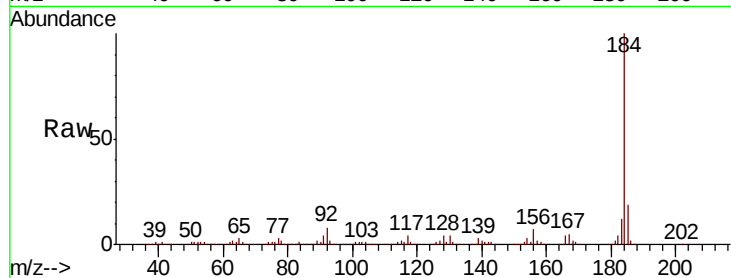




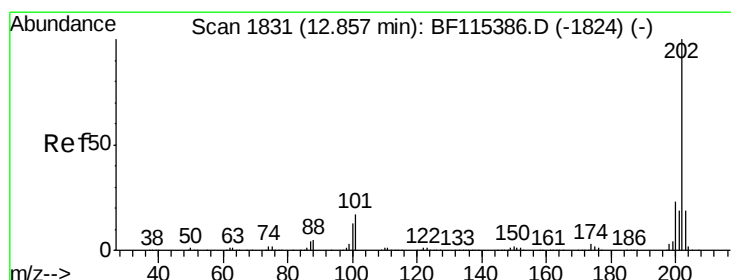
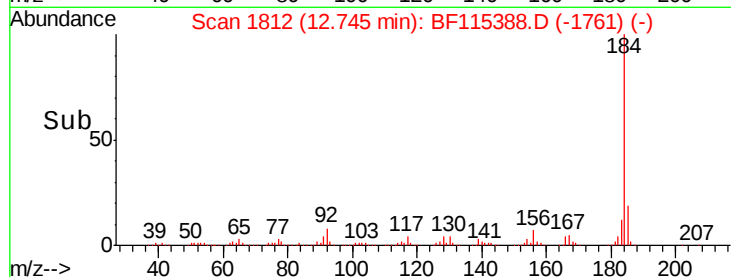
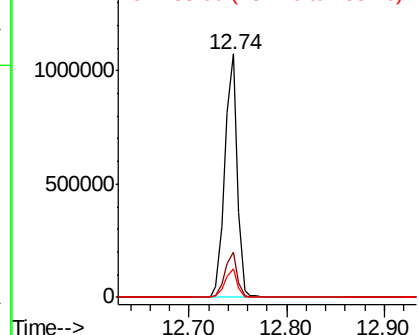
#77  
Benzidine  
Concen: 50.137 ng  
RT: 12.74 min Scan# 1812  
Delta R.T. -0.00 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:184 Resp: 951931  
Ion Ratio Lower Upper  
184 100  
185 18.5 12.6 18.8  
183 11.9 9.4 14.0

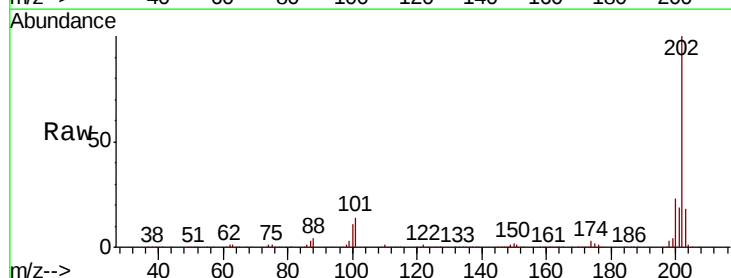


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E

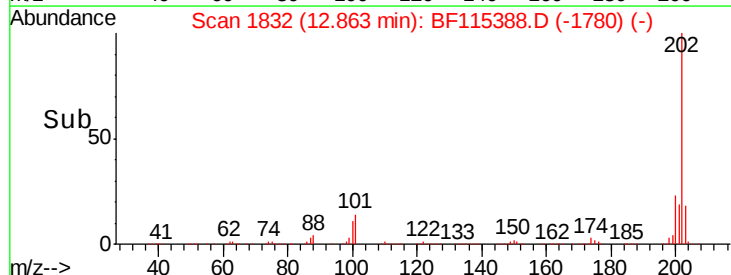
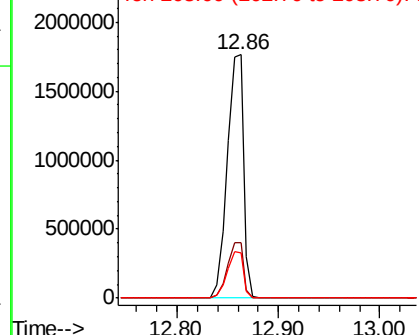


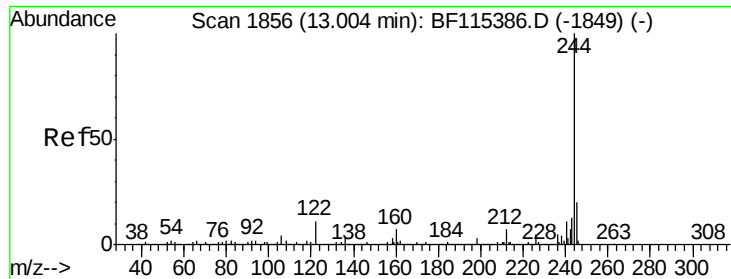
#78  
Pyrene  
Concen: 59.834 ng  
RT: 12.86 min Scan# 1832  
Delta R.T. 0.01 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Tgt Ion:202 Resp: 1966177  
Ion Ratio Lower Upper  
202 100  
200 22.8 18.2 27.4  
203 18.3 14.8 22.2



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

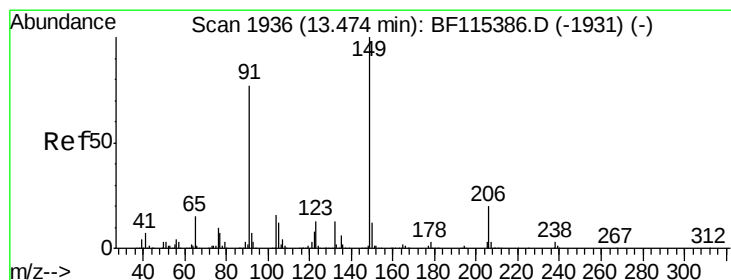
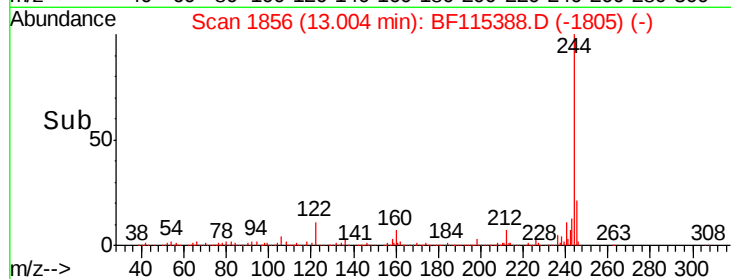
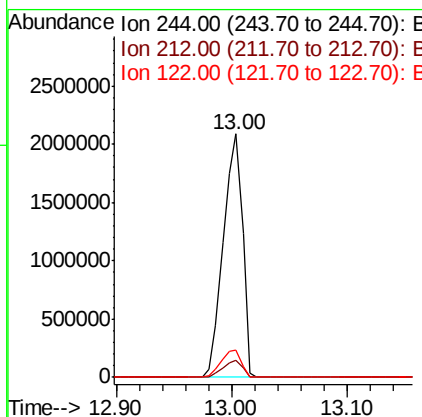
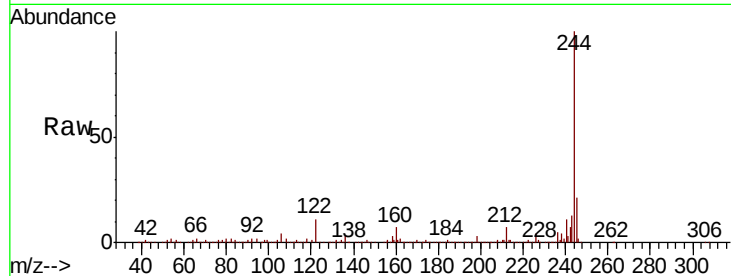




#79  
 Terphenyl-d14  
 Concen: 119.197 ng  
 RT: 13.00 min Scan# 1856  
 Delta R.T. -0.00 min  
 Lab File: BF115388.D  
 Acq: 5 Jul 2019 10:41

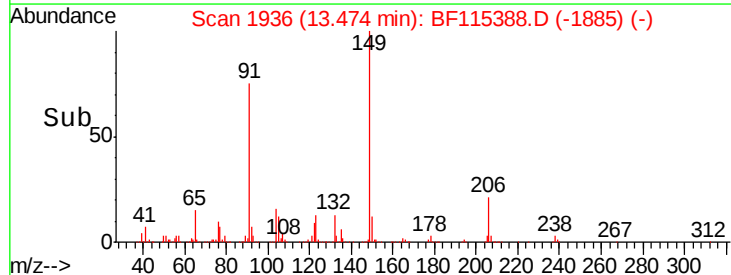
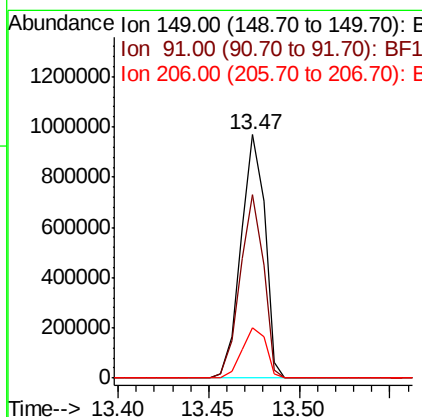
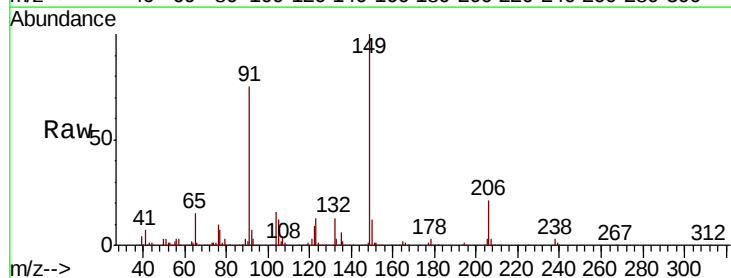
Instrument :  
 BNA\_F  
 ClientSampled :

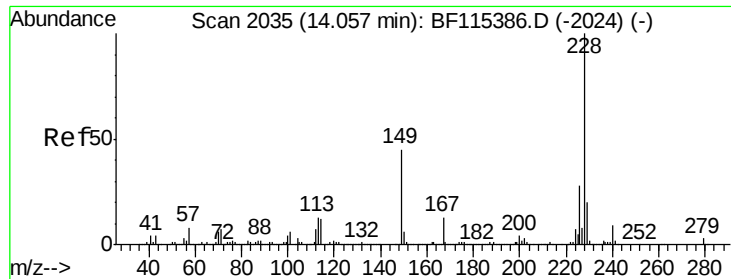
Tot Ion:244 Resp: 2397140  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 5.7 8.5  
 122 11.3 9.1 13.7



#80  
 Butylbenzylphthalate  
 Concen: 61.283 ng  
 RT: 13.47 min Scan# 1936  
 Delta R.T. -0.00 min  
 Lab File: BF115388.D  
 Acq: 5 Jul 2019 10:41

Tgt Ion:149 Resp: 888696  
 Ion Ratio Lower Upper  
 149 100  
 91 75.3 61.4 92.0  
 206 20.8 16.1 24.1

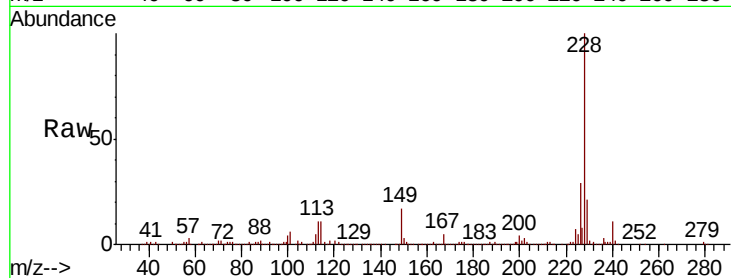




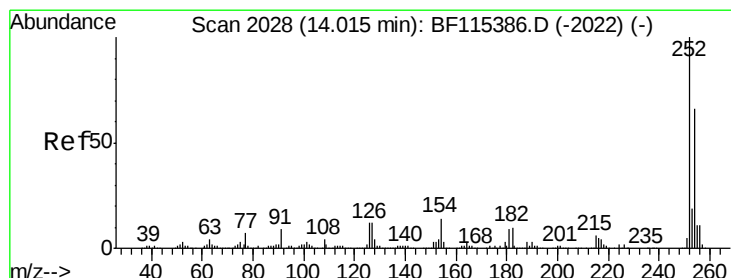
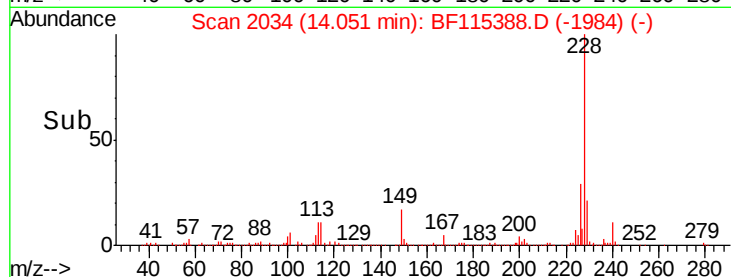
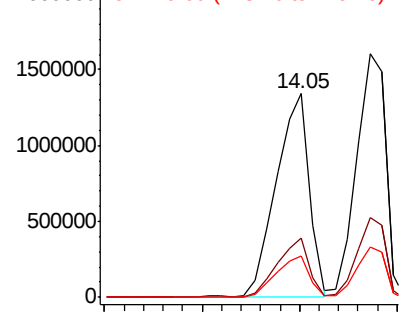
#81  
Benzo(a)anthracene  
Concen: 51.136 ng  
RT: 14.05 min Scan# 2034  
Delta R.T. -0.01 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:228 Resp: 1568893  
Ion Ratio Lower Upper  
228 100  
226 28.9 22.7 34.1  
229 20.5 16.3 24.5

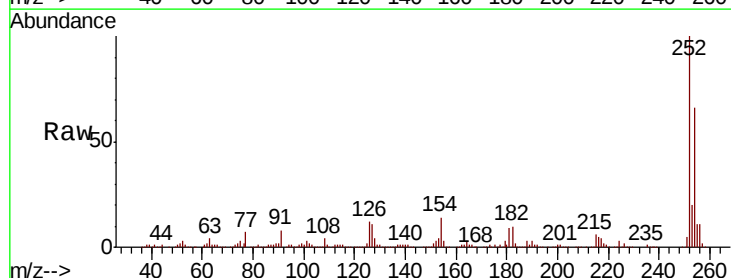


Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E

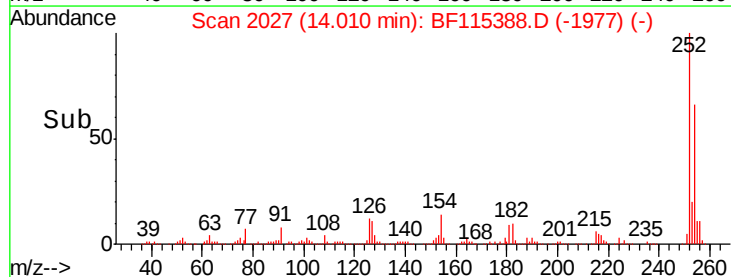
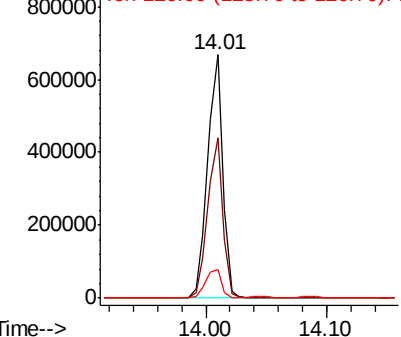


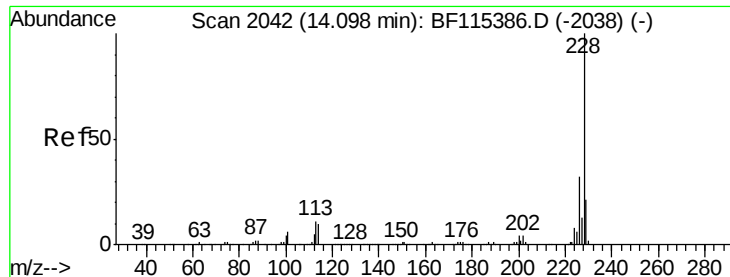
#82  
3,3'-Dichlorobenzidine  
Concen: 51.976 ng  
RT: 14.01 min Scan# 2027  
Delta R.T. -0.01 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Tgt Ion:252 Resp: 575862  
Ion Ratio Lower Upper  
252 100  
254 65.7 53.0 79.4  
126 11.9 9.8 14.8



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

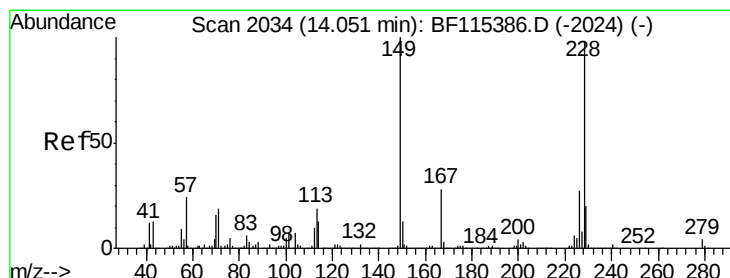
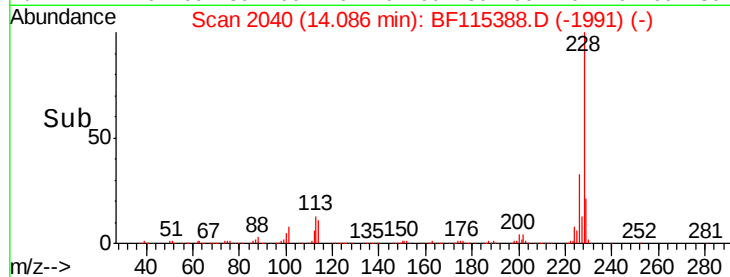
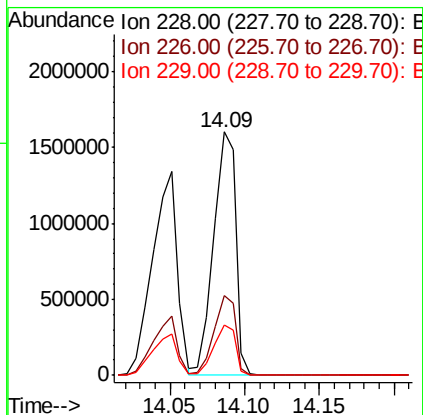
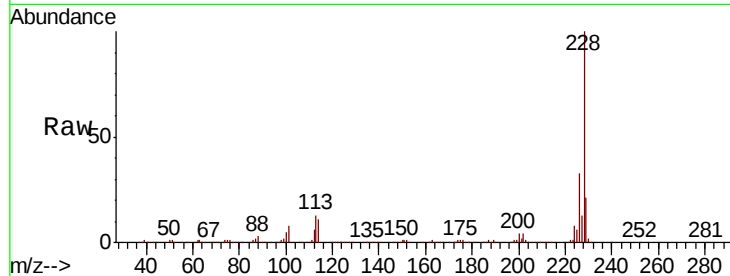




#83  
 Chrvsene  
 Concen: 59.402 ng  
 RT: 14.09 min Scan# 2040  
 Delta R.T. -0.01 min  
 Lab File: BF115388.D  
 Acq: 5 Jul 2019 10:41

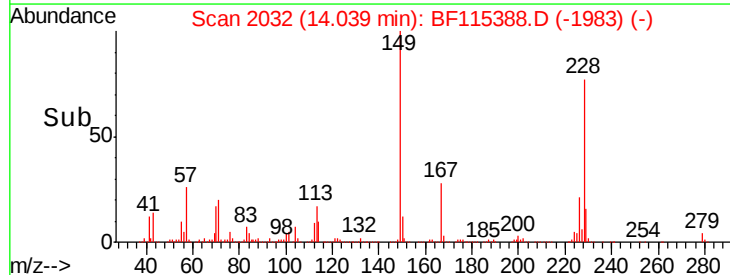
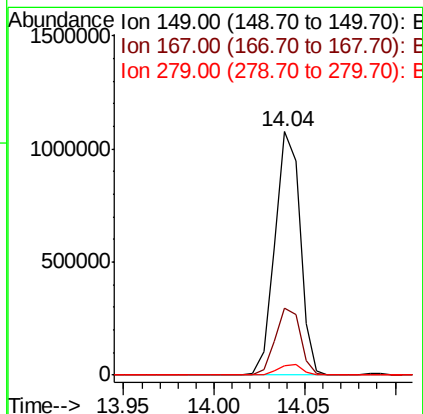
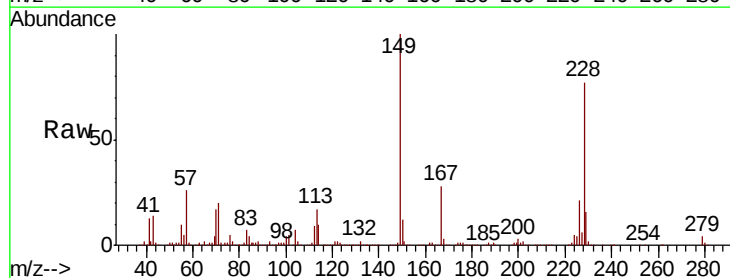
Instrument :  
 BNA\_F  
 ClientSampleId :

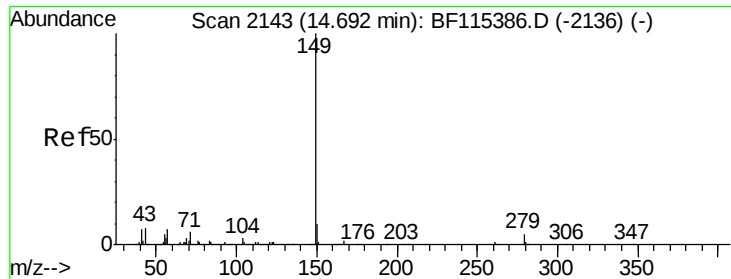
Tot Ion:228 Resp: 1669451  
 Ion Ratio Lower Upper  
 228 100  
 226 32.6 25.7 38.5  
 229 20.7 16.6 25.0



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 54.759 ng  
 RT: 14.04 min Scan# 2032  
 Delta R.T. -0.01 min  
 Lab File: BF115388.D  
 Acq: 5 Jul 2019 10:41

Tgt Ion:149 Resp: 1040514  
 Ion Ratio Lower Upper  
 149 100  
 167 27.5 22.3 33.5  
 279 4.1 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 60.273 ng

RT: 14.67 min Scan# 2139

Delta R.T. -0.02 min

Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

Instrument :

BNA\_F

ClientSampleId :

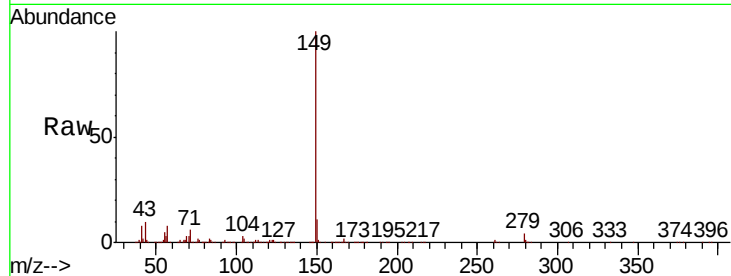
Tot Ion:149 Resp: 1924295

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

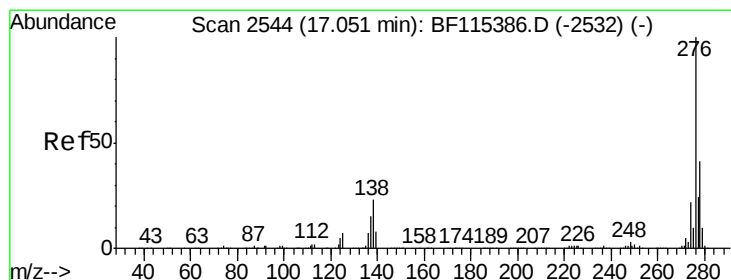
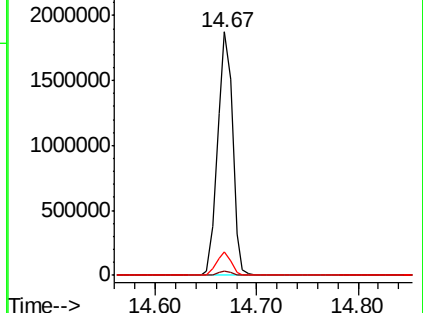
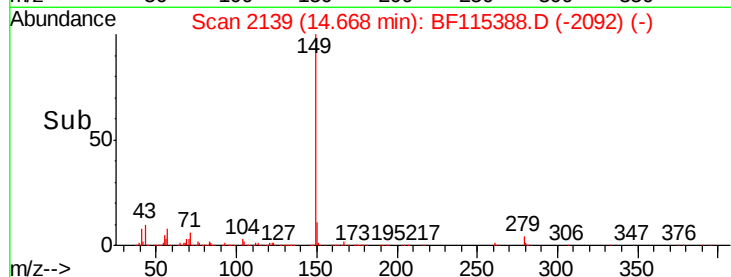
43 9.5 7.6 11.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.077 ng

RT: 17.03 min Scan# 2540

Delta R.T. -0.02 min

Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

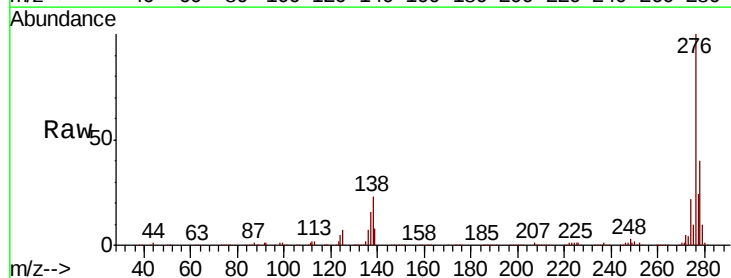
Tgt Ion:276 Resp: 1332777

Ion Ratio Lower Upper

276 100

138 25.4 0.0 0.0#

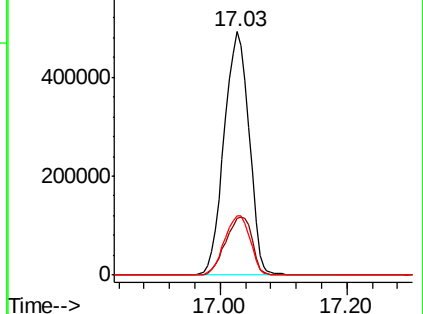
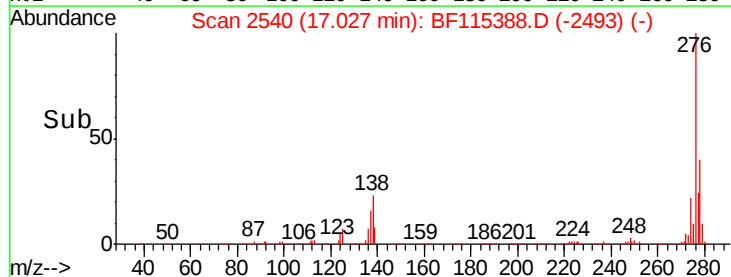
277 25.3 0.0 0.0#

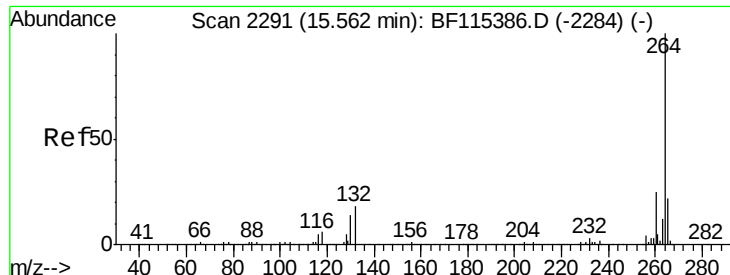


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

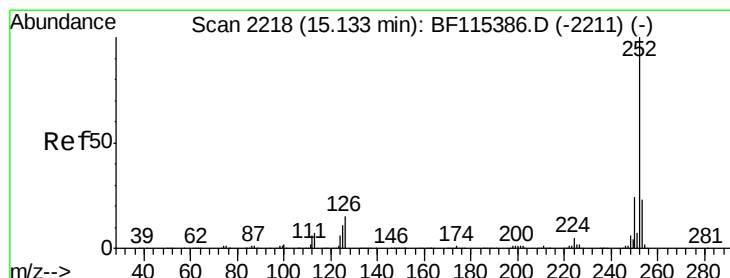
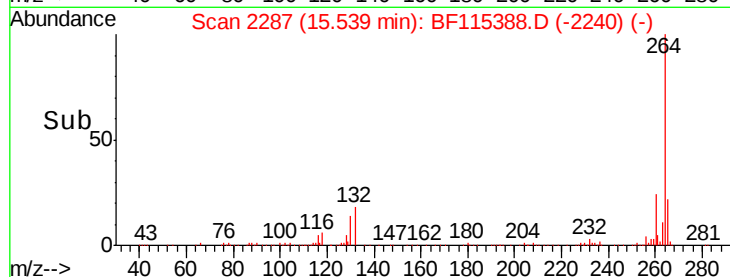
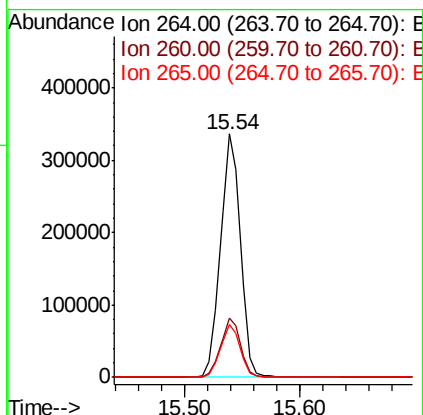
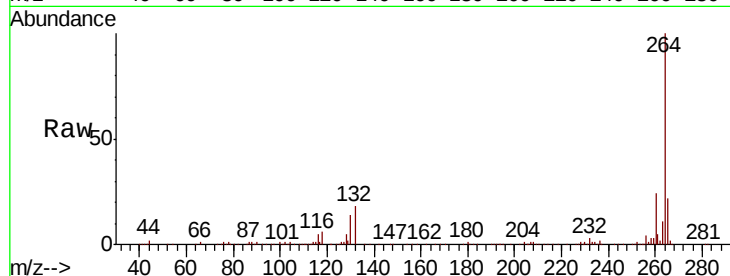




#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.54 min Scan# 2287  
Delta R.T. -0.02 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

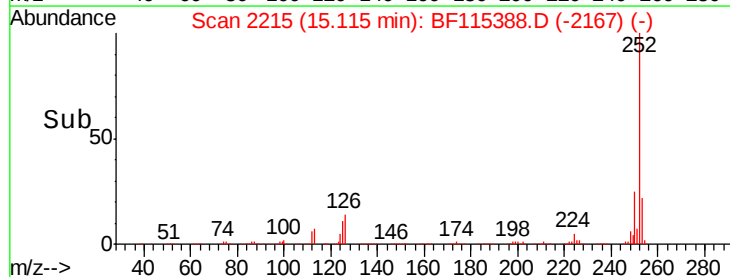
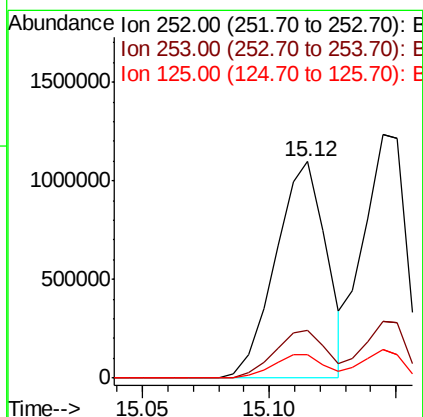
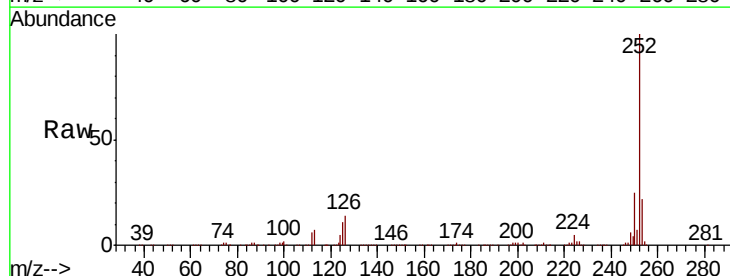
Instrument :  
BNA\_F  
ClientSampleId :

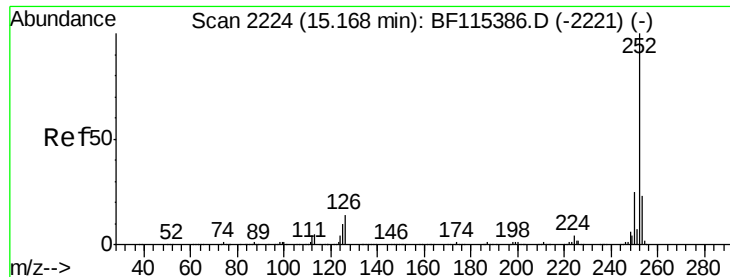
Tot Ion:264 Resp: 401704  
Ion Ratio Lower Upper  
264 100  
260 24.2 19.9 29.9  
265 21.8 17.4 26.2



#88  
Benzo(b)fluoranthene  
Concen: 61.175 ng  
RT: 15.12 min Scan# 2215  
Delta R.T. -0.02 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Tgt Ion:252 Resp: 1533368  
Ion Ratio Lower Upper  
252 100  
253 22.2 18.1 27.1  
125 10.8 9.0 13.6

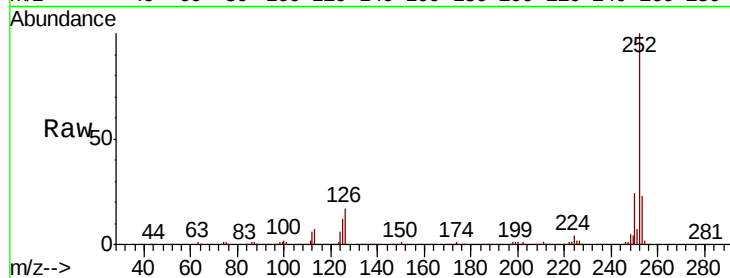




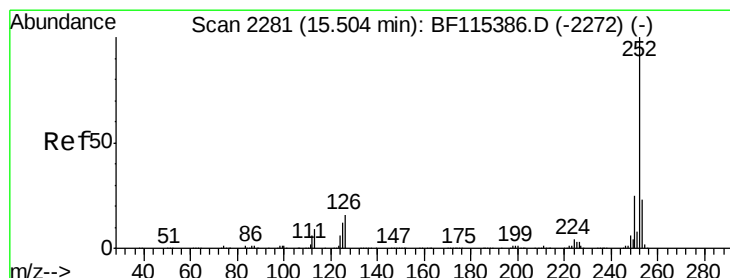
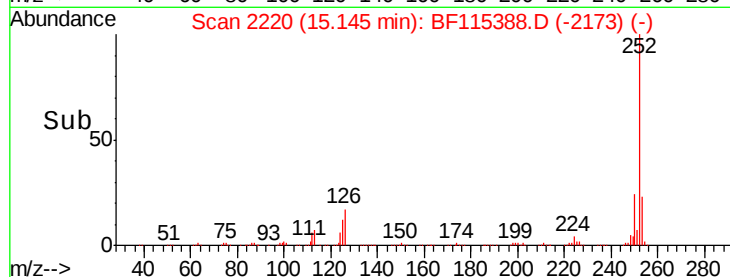
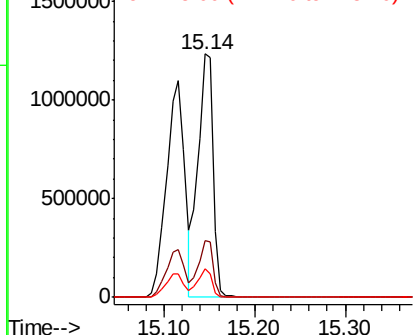
#89  
Benzo(k)fluoranthene  
Concen: 64.424 ng  
RT: 15.14 min Scan# 2220  
Delta R.T. -0.02 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:252 Resp: 1448132  
Ion Ratio Lower Upper  
252 100  
253 23.1 18.3 27.5  
125 11.9 8.3 12.5

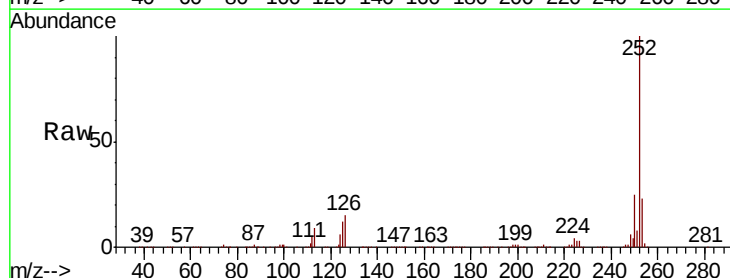


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

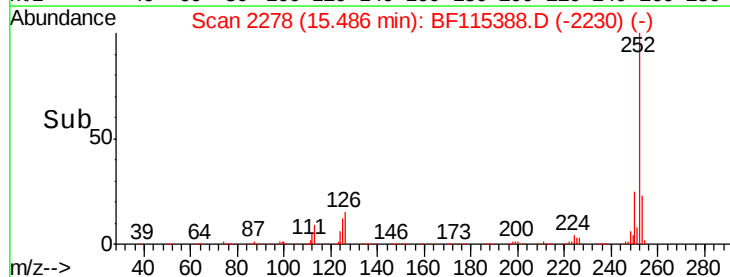
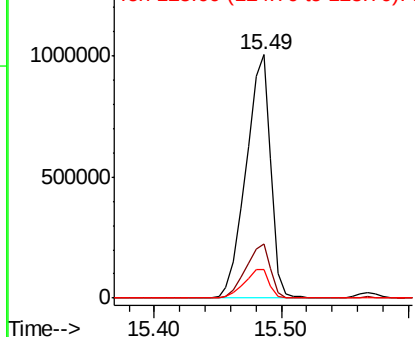


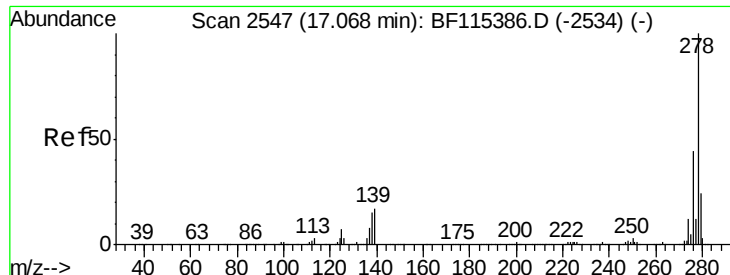
#90  
Benzo(a)pyrene  
Concen: 60.095 ng  
RT: 15.49 min Scan# 2278  
Delta R.T. -0.02 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Tgt Ion:252 Resp: 1357645  
Ion Ratio Lower Upper  
252 100  
253 22.5 18.2 27.2  
125 11.7 10.0 15.0



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



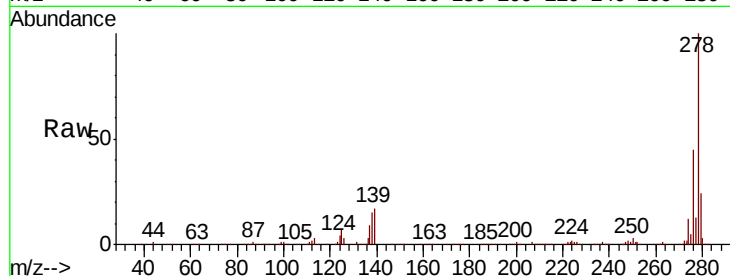


#91  
Dibenzo(a,h)anthracene  
Concen: 52.346 ng  
RT: 17.04 min Scan# 2543  
Delta R.T. -0.02 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

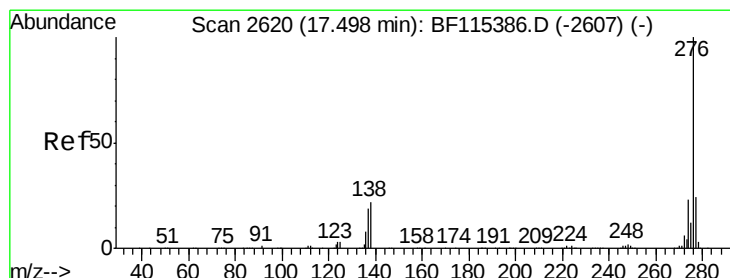
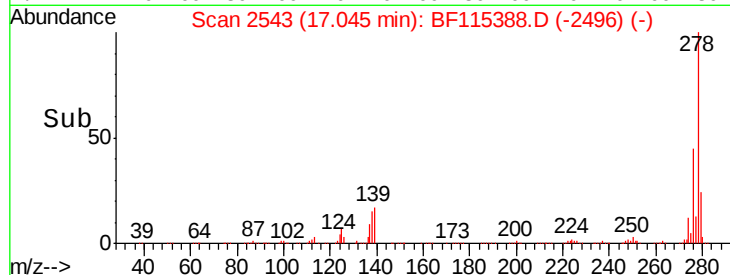
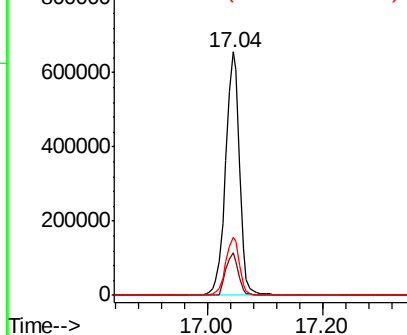
Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:278 Resp: 1104018  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 17.4  | 13.4  | 20.2  |
| 279 | 24.0  | 19.4  | 29.0  |



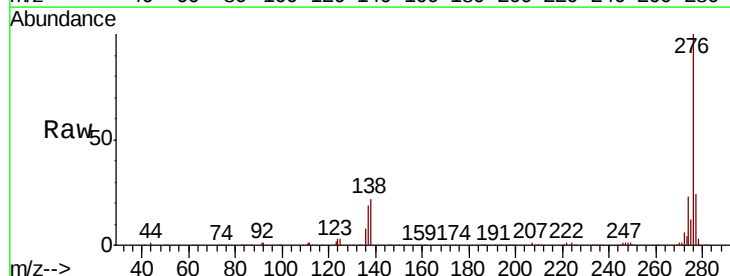
Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 48.549 ng  
RT: 17.47 min Scan# 2616  
Delta R.T. -0.02 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Tgt Ion:276 Resp: 1036334  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.8  | 19.4  | 29.2  |
| 138 | 22.2  | 17.8  | 26.6  |



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

