

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\  
 Data File : BF110516.D  
 Acq On : 6 Nov 2018 15:45  
 Operator : JU/SJ  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Nov 06 17:14:00 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 01 16:06:12 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.96  | 152  | 80987    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.24  | 136  | 349935   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 10.00 | 164  | 167882   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.49 | 188  | 313573   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.14 | 240  | 224787   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.66 | 264  | 152854   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |       |    |      |
|--------------------------|-------|-----|--------|-------|----|------|
| 5) 2-Fluorophenol        | 5.57  | 112 | 412667 | 82.98 | ng | 0.00 |
| 7) Phenol-d6             | 6.58  | 99  | 517238 | 81.31 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.52  | 82  | 486038 | 82.38 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.79 | 330 | 136171 | 81.88 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.31  | 172 | 918839 | 85.94 | ng | 0.00 |
| 79) Terphenyl-d14        | 13.07 | 244 | 945008 | 87.43 | ng | 0.00 |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.80 | 88  | 100891 | 38.721 | ng | 89     |
| 3) Pyridine                    | 3.59 | 79  | 228237 | 39.327 | ng | # 85   |
| 4) n-Nitrosodimethylamine      | 3.55 | 42  | 95029  | 39.083 | ng | # 93   |
| 6) Aniline                     | 6.62 | 93  | 333091 | 40.197 | ng | # 54   |
| 8) 2-Chlorophenol              | 6.74 | 128 | 240460 | 41.938 | ng | 98     |
| 9) Benzaldehyde                | 6.51 | 77  | 140821 | 37.422 | ng | 98     |
| 10) Phenol                     | 6.59 | 94  | 302620 | 44.505 | ng | # 67   |
| 11) bis(2-Chloroethyl)ether    | 6.69 | 93  | 222638 | 39.798 | ng | 91     |
| 12) 1,3-Dichlorobenzene        | 6.90 | 146 | 261559 | 41.452 | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 6.97 | 146 | 263764 | 41.332 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.13 | 146 | 246852 | 41.668 | ng | 99     |
| 15) Benzyl Alcohol             | 7.10 | 79  | 204537 | 41.806 | ng | 93     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.22 | 45  | 360471 | 40.301 | ng | 70     |
| 17) 2-Methylphenol             | 7.20 | 107 | 189074 | 41.377 | ng | # 81   |
| 18) Hexachloroethane           | 7.46 | 117 | 98797  | 42.286 | ng | 93     |
| 19) n-Nitroso-di-n-propylamine | 7.36 | 70  | 165382 | 40.525 | ng | 94     |
| 20) 3+4-Methylphenols          | 7.36 | 107 | 248564 | 42.082 | ng | 95     |
| 22) Acetophenone               | 7.37 | 105 | 325896 | 40.417 | ng | # 99   |
| 24) Nitrobenzene               | 7.54 | 77  | 248587 | 40.812 | ng | 97     |
| 25) Isophorone                 | 7.77 | 82  | 394835 | 39.260 | ng | 97     |
| 26) 2-Nitrophenol              | 7.86 | 139 | 129222 | 44.582 | ng | 94     |
| 27) 2,4-Dimethylphenol         | 7.88 | 122 | 193197 | 40.202 | ng | 100    |
| 28) bis(2-Chloroethoxy)methane | 7.98 | 93  | 272995 | 39.959 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 8.09 | 162 | 202066 | 41.619 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 8.18 | 180 | 224363 | 41.256 | ng | 95     |
| 31) Naphthalene                | 8.26 | 128 | 660564 | 40.957 | ng | 99     |
| 32) Benzoic acid               | 8.01 | 122 | 133211 | 35.865 | ng | 94     |
| 33) 4-Chloroaniline            | 8.31 | 127 | 291079 | 40.101 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.37 | 225 | 127236 | 42.137 | ng | 98     |
| 35) Caprolactam                | 8.69 | 113 | 65609  | 38.771 | ng | 89     |
| 36) 4-Chloro-3-methylphenol    | 8.79 | 107 | 212558 | 40.486 | ng | 97     |
| 37) 2-Methylnaphthalene        | 8.95 | 142 | 432868 | 40.565 | ng | 99     |
| 38) 1-Methylnaphthalene        | 9.05 | 142 | 417472 | 40.484 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.12 | 216 | 213693 | 40.852 | ng | 98     |

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 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Nov 06 17:14:00 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 01 16:06:12 2018  
 Response via : Initial Calibration

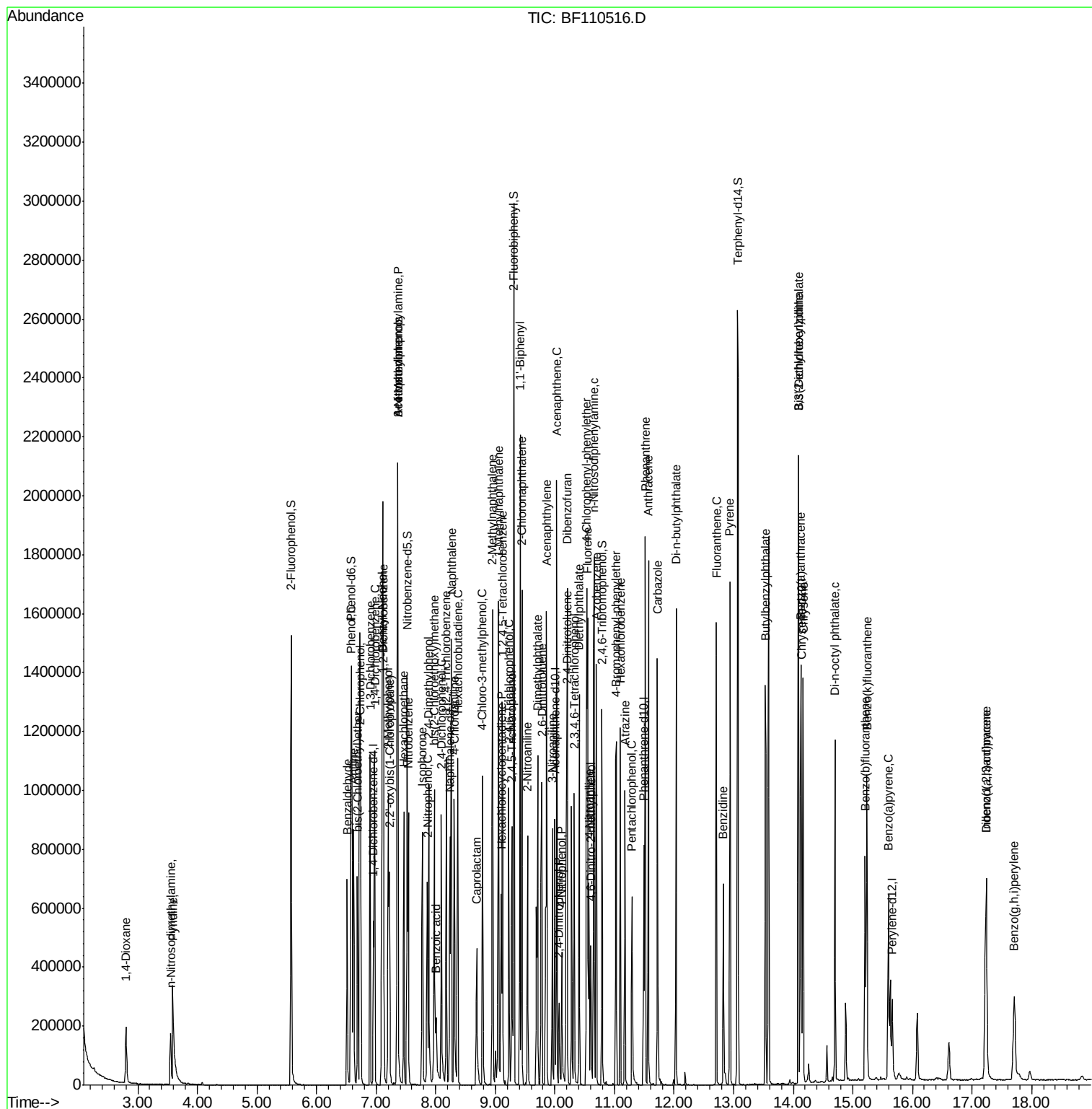
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.10  | 237  | 88199    | 32.975 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol      | 9.23  | 196  | 134737   | 39.936 | ng    | 92       |
| 44) 2,4,5-Trichlorophenol      | 9.27  | 196  | 143765   | 40.312 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 9.42  | 154  | 626161   | 41.245 | ng    | 100      |
| 47) 2-Chloronaphthalene        | 9.45  | 162  | 454082   | 40.776 | ng    | 100      |
| 48) 2-Nitroaniline             | 9.55  | 65   | 138568   | 41.062 | ng    | 93       |
| 49) Acenaphthylene             | 9.86  | 152  | 653566   | 40.633 | ng    | 99       |
| 50) Dimethylphthalate          | 9.71  | 163  | 496995   | 40.104 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.78  | 165  | 111923   | 41.928 | ng    | 97       |
| 52) Acenaphthene               | 10.03 | 154  | 404553   | 38.020 | ng    | 98       |
| 53) 3-Nitroaniline             | 9.96  | 138  | 126740   | 39.925 | ng    | 96       |
| 54) 2,4-Dinitrophenol          | 10.07 | 184  | 37148    | 37.971 | ng    | 91       |
| 55) Dibenzofuran               | 10.20 | 168  | 596217   | 40.020 | ng    | 98       |
| 56) 4-Nitrophenol              | 10.12 | 139  | 85036    | 36.194 | ng    | 93       |
| 57) 2,4-Dinitrotoluene         | 10.19 | 165  | 144805   | 42.707 | ng    | 89       |
| 58) Fluorene                   | 10.55 | 166  | 456084   | 41.135 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.32 | 232  | 118205   | 40.665 | ng    | 95       |
| 60) Diethylphthalate           | 10.41 | 149  | 486622   | 40.226 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.53 | 204  | 240485   | 41.115 | ng    | 98       |
| 62) 4-Nitroaniline             | 10.57 | 138  | 125501   | 39.749 | ng    | 94       |
| 63) Azobenzene                 | 10.70 | 77   | 484880   | 40.380 | ng    | 95       |
| 65) 4,6-Dinitro-2-methylphenol | 10.60 | 198  | 58399    | 40.764 | ng    | 95       |
| 66) n-Nitrosodiphenylamine     | 10.66 | 169  | 427278   | 41.543 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 11.03 | 248  | 141219   | 41.518 | ng    | 95       |
| 68) Hexachlorobenzene          | 11.10 | 284  | 147496   | 40.870 | ng    | # 92     |
| 69) Atrazine                   | 11.18 | 200  | 129160   | 39.737 | ng    | 98       |
| 70) Pentachlorophenol          | 11.29 | 266  | 81664    | 38.806 | ng    | 97       |
| 71) Phenanthrene               | 11.52 | 178  | 666340   | 40.612 | ng    | 99       |
| 72) Anthracene                 | 11.57 | 178  | 674862   | 41.035 | ng    | 99       |
| 73) Carbazole                  | 11.72 | 167  | 661388   | 41.188 | ng    | 100      |
| 74) Di-n-butylphthalate        | 12.03 | 149  | 759817   | 41.896 | ng    | 99       |
| 75) Fluoranthene               | 12.71 | 202  | 678379   | 40.739 | ng    | 97       |
| 77) Benzidine                  | 12.83 | 184  | 311348   | 56.110 | ng    | 98       |
| 78) Pyrene                     | 12.94 | 202  | 689522   | 42.787 | ng    | 98       |
| 80) Butylbenzylphthalate       | 13.53 | 149  | 302699   | 43.275 | ng    | 97       |
| 81) Benzo(a)anthracene         | 14.13 | 228  | 529251   | 39.703 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 14.09 | 252  | 176476   | 38.018 | ng    | 98       |
| 83) Chrysene                   | 14.17 | 228  | 511454   | 40.395 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 14.09 | 149  | 381214   | 40.317 | ng    | 96       |
| 85) Di-n-octyl phthalate       | 14.70 | 149  | 571518   | 38.872 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 17.23 | 276  | 344163   | 32.766 | ng    | 97       |
| 88) Benzo(b)fluoranthene       | 15.20 | 252  | 373868   | 42.356 | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 15.24 | 252  | 368489   | 42.464 | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.60 | 252  | 340520   | 41.925 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 17.24 | 278  | 288988   | 41.236 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 17.71 | 276  | 285996   | 41.413 | ng    | 96       |

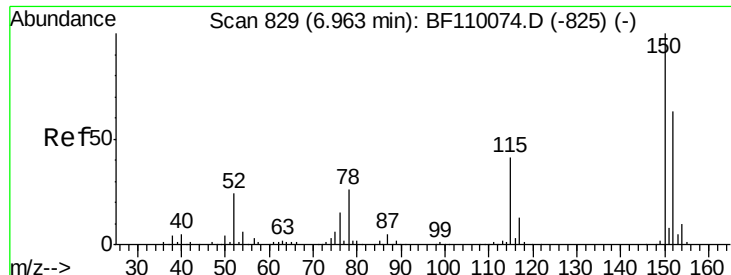
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\  
 Data File : BF110516.D  
 Acq On : 6 Nov 2018 15:45  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Nov 06 17:14:00 2018  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 01 16:06:12 2018  
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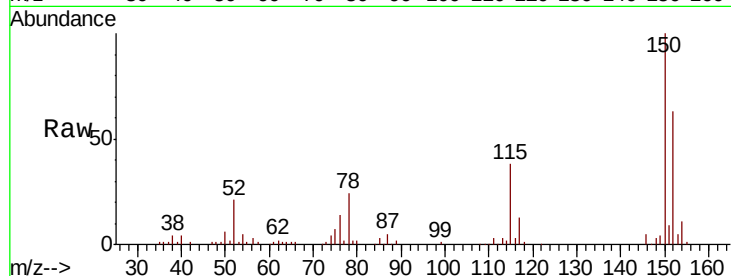


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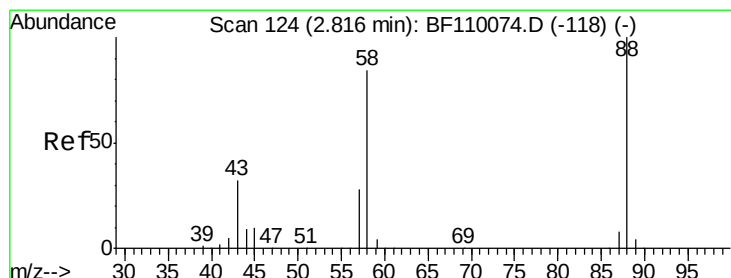
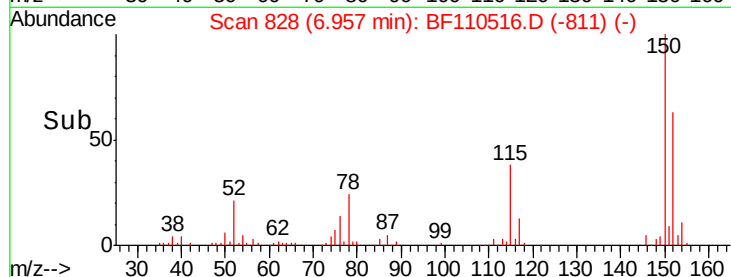
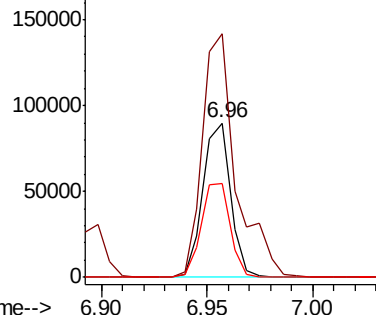
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.96 min Scan# 828  
Delta R.T. -0.00 min  
Lab File: BF110516.D  
Acq: 6 Nov 2018 15:45

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:152 Resp: 80987  
Ion Ratio Lower Upper  
152 100  
150 157.9 122.7 184.1  
115 60.8 49.1 73.7



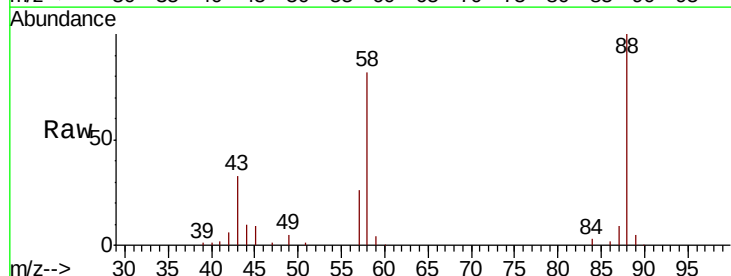
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



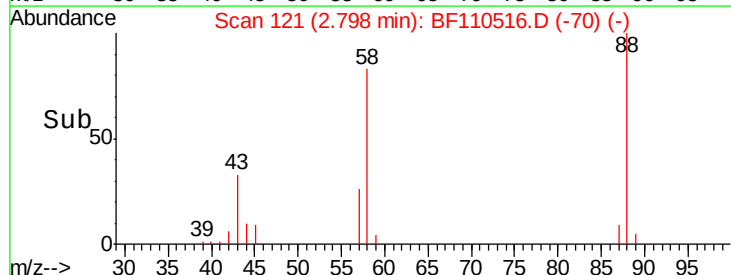
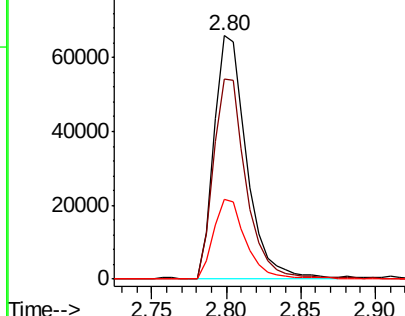
#2

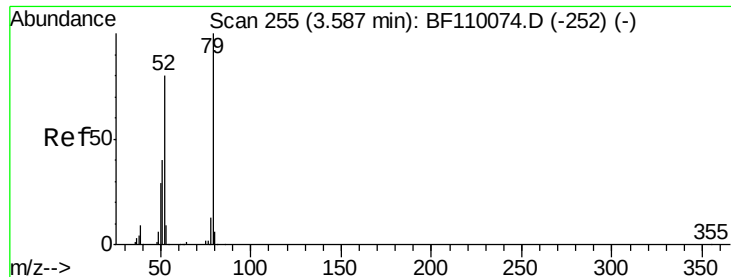
1,4-Dioxane  
Concen: 38.721 ng  
RT: 2.80 min Scan# 121  
Delta R.T. -0.00 min  
Lab File: BF110516.D  
Acq: 6 Nov 2018 15:45

Tgt Ion: 88 Resp: 100891  
Ion Ratio Lower Upper  
88 100  
58 82.4 57.1 85.7  
43 32.5 24.1 36.1



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: 39.327 ng

RT: 3.59 min Scan# 255

Delta R.T. 0.01 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

Instrument :

BNA\_F

ClientSampleId :

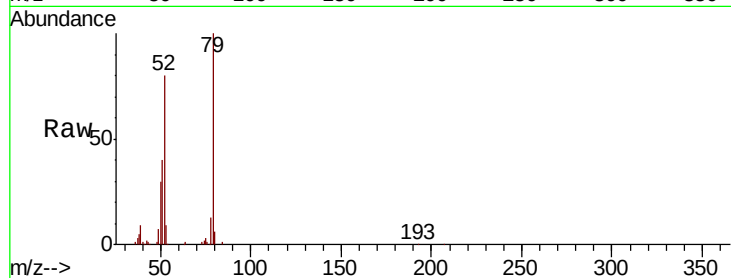
Tot Ion: 79 Resp: 228237

Ion Ratio Lower Upper

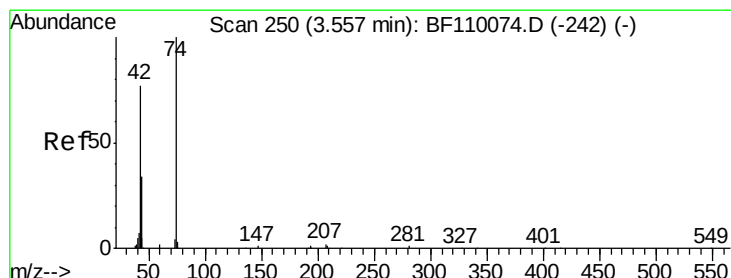
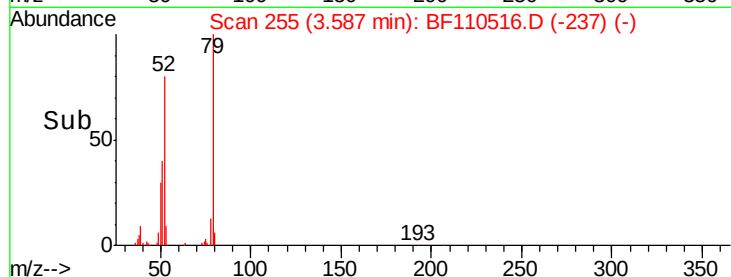
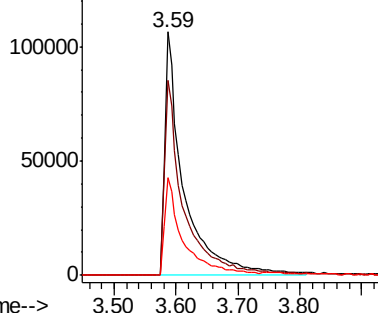
79 100

52 80.0 53.1 79.7#

51 40.2 27.4 41.2



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: 39.083 ng

RT: 3.55 min Scan# 249

Delta R.T. 0.01 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

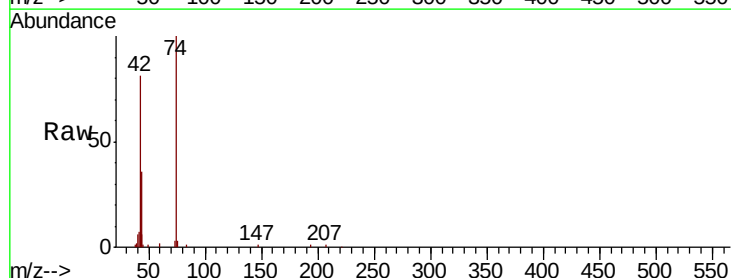
Tgt Ion: 42 Resp: 95029

Ion Ratio Lower Upper

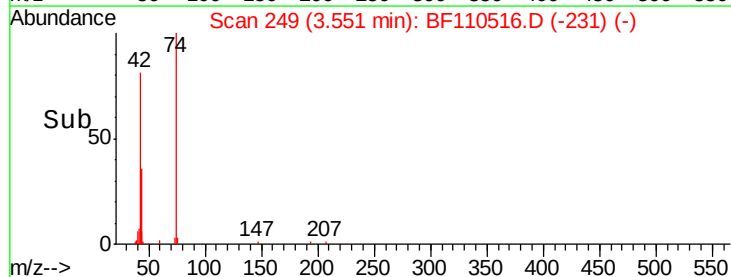
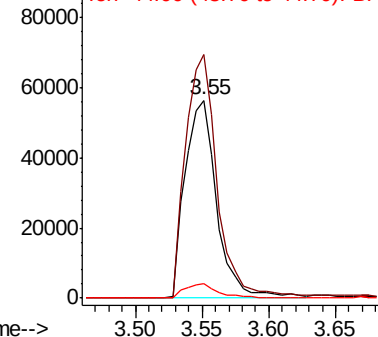
42 100

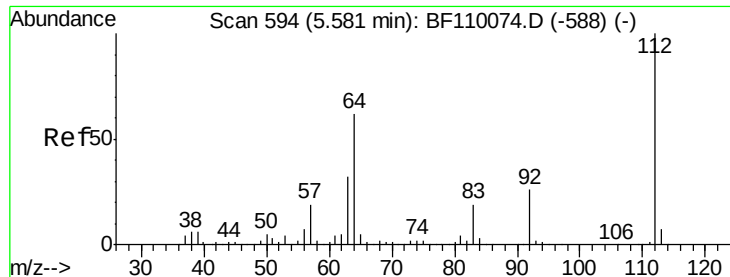
74 123.1 105.5 158.3

44 7.6 4.9 7.3#



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





#5

2-Fluorophenol

Concen: 82.977 ng

RT: 5.57 min Scan# 593

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

Instrument :

BNA\_F

ClientSampled :

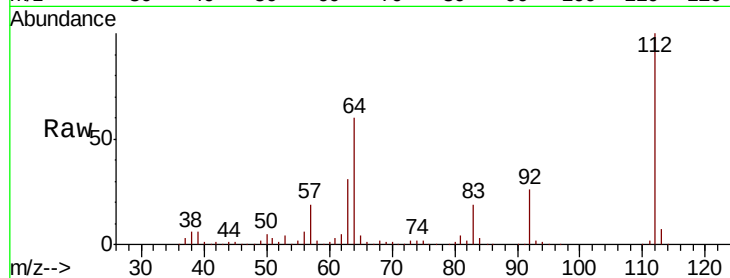
Tot Ion:112 Resp: 412667

Ion Ratio Lower Upper

112 100

64 59.6 44.1 66.1

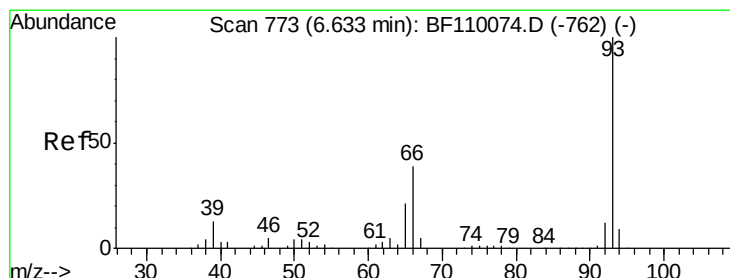
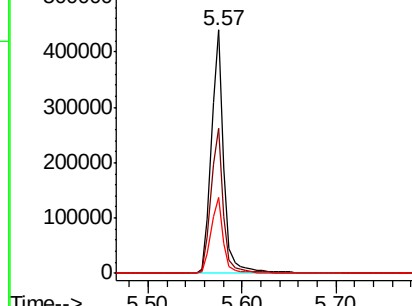
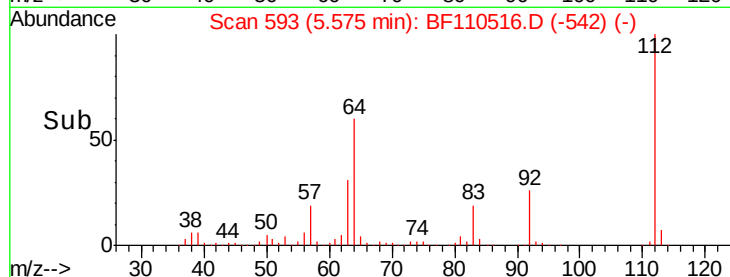
63 31.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.197 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

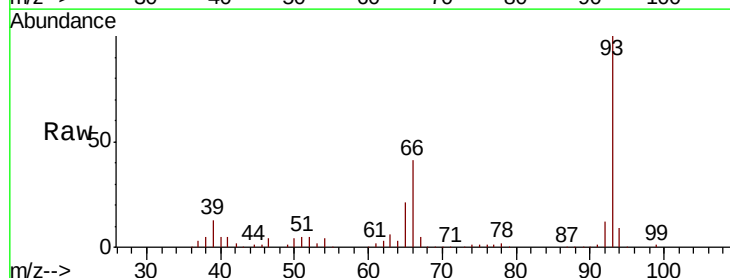
Tgt Ion: 93 Resp: 333091

Ion Ratio Lower Upper

93 100

66 41.1 67.4 101.0#

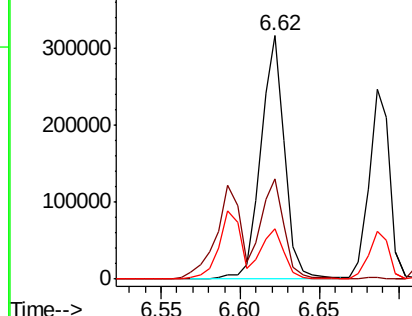
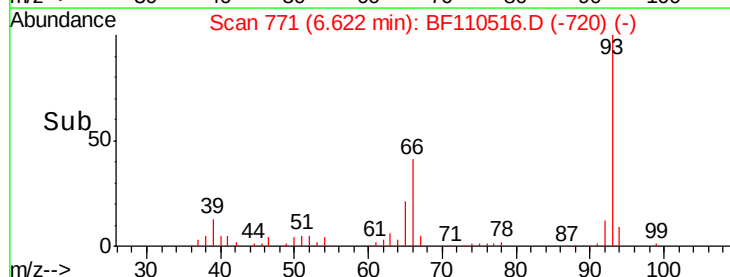
65 20.8 41.0 61.4#

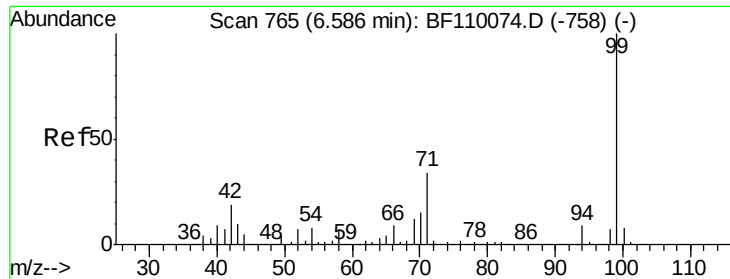


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.312 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

Instrument :

BNA\_F

ClientSampleId :

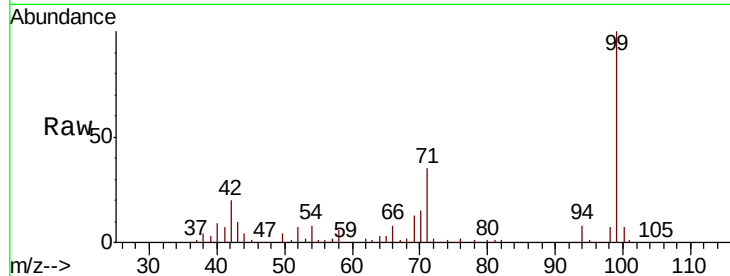
Tot Ion: 99 Resp: 517238

Ion Ratio Lower Upper

99 100

42 19.6 15.8 23.6

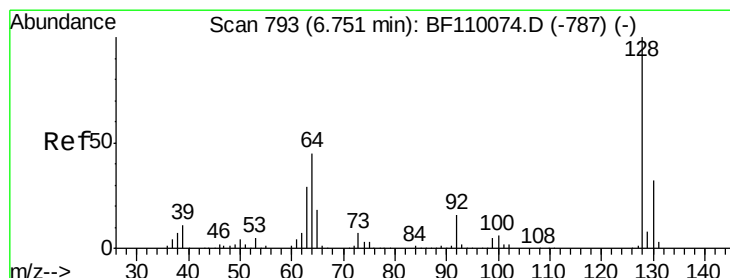
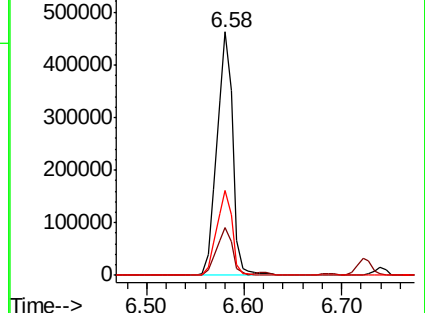
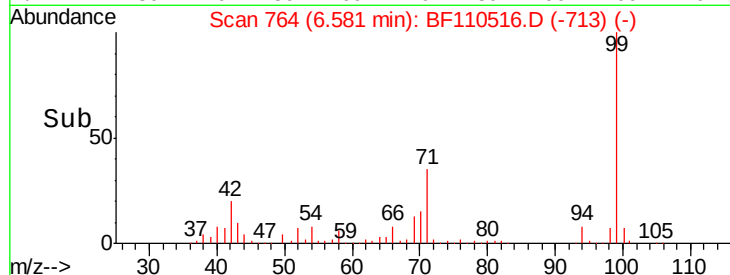
71 35.0 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.938 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

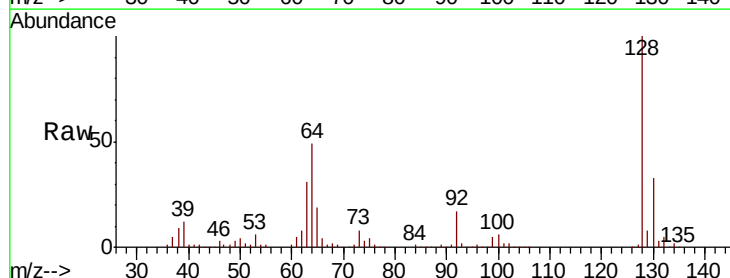
Tgt Ion: 128 Resp: 240460

Ion Ratio Lower Upper

128 100

130 33.1 13.1 53.1

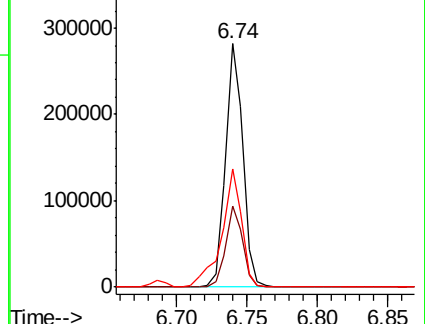
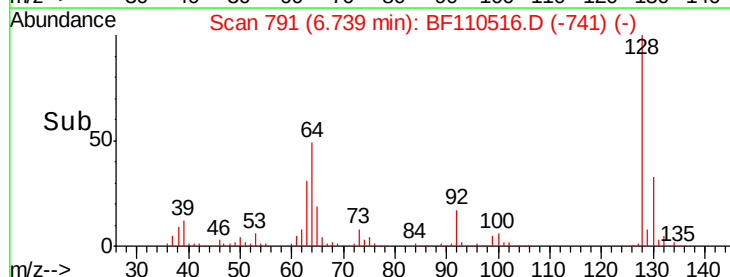
64 48.5 26.0 66.0



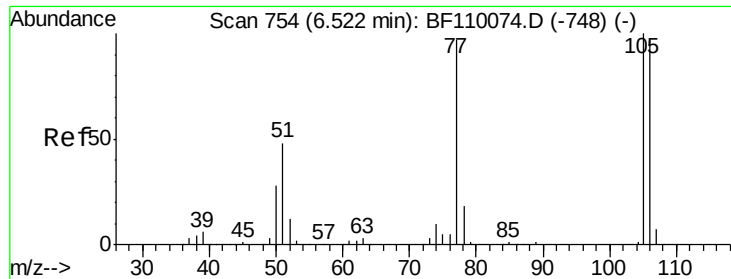
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1







#9

Benzaldehyde

Concen: 37.422 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

Instrument :

BNA\_F

ClientSampleId :

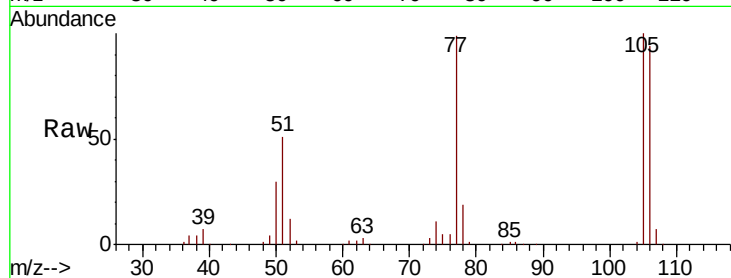
Tot Ion: 77 Resp: 140821

Ion Ratio Lower Upper

77 100

105 101.3 78.6 118.6

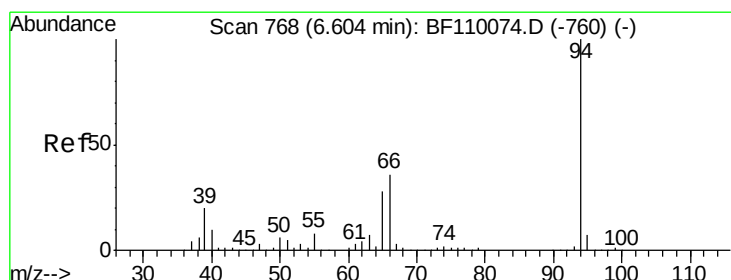
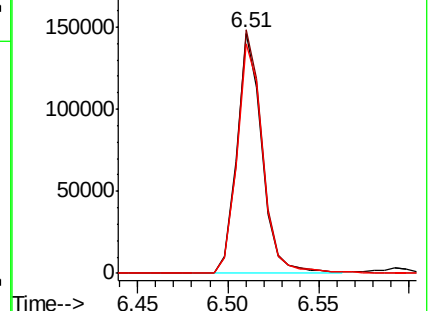
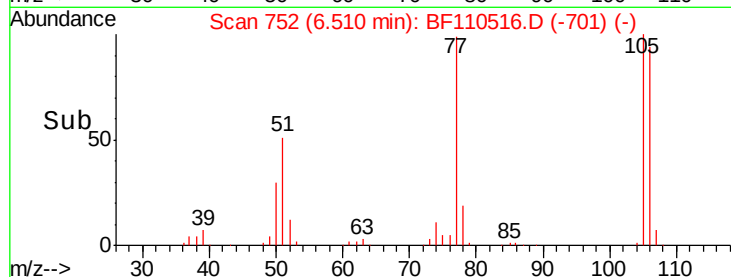
106 95.7 74.8 114.8



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: 44.505 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

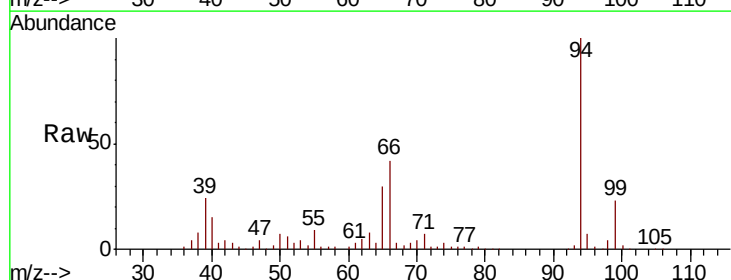
Tgt Ion: 94 Resp: 302620

Ion Ratio Lower Upper

94 100

65 30.3 25.3 65.3

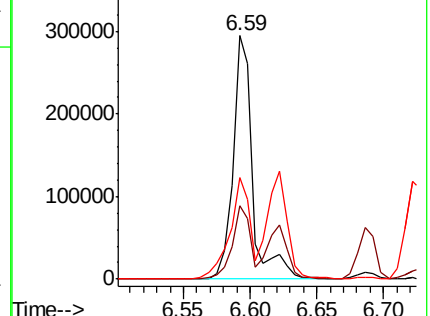
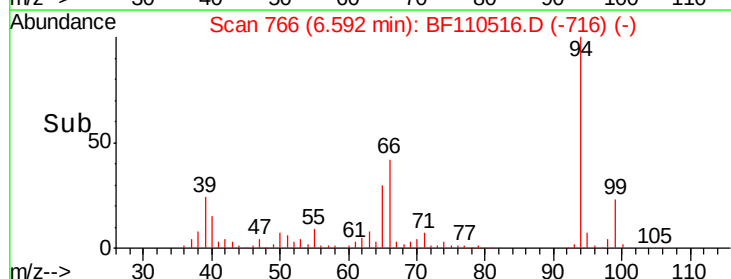
66 41.6 54.5 94.5#



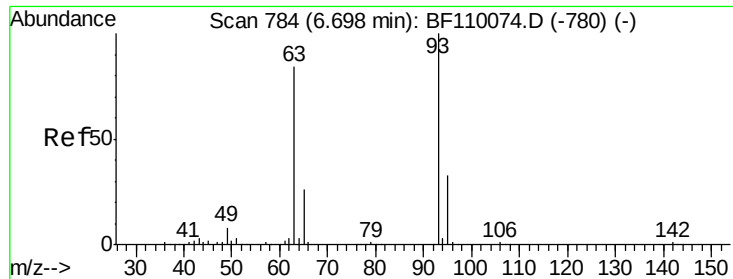
Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



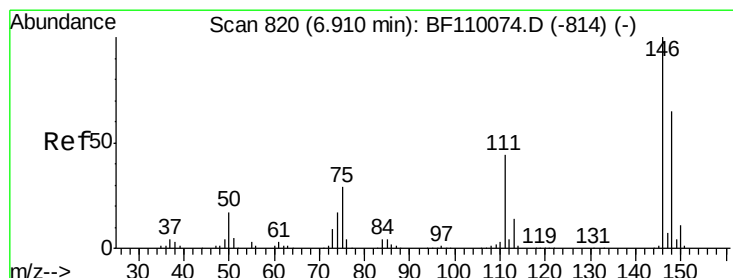
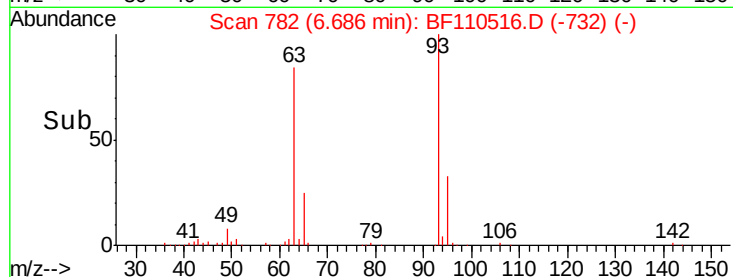
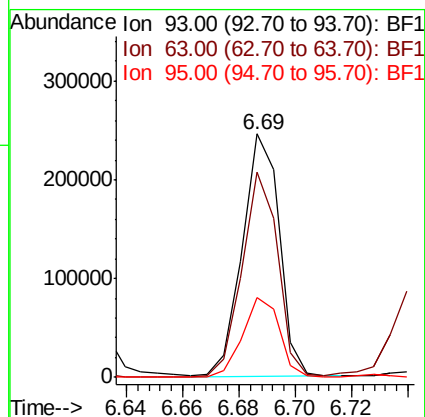
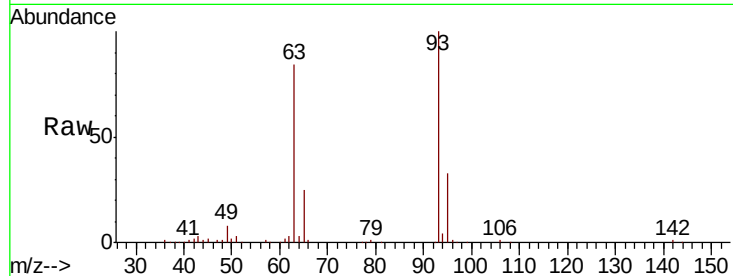




#11  
 bis(2-Chloroethyl)ether  
 Concen: 39.798 ng  
 RT: 6.69 min Scan# 782  
 Delta R.T. -0.01 min  
 Lab File: BF110516.D  
 Acq: 6 Nov 2018 15:45

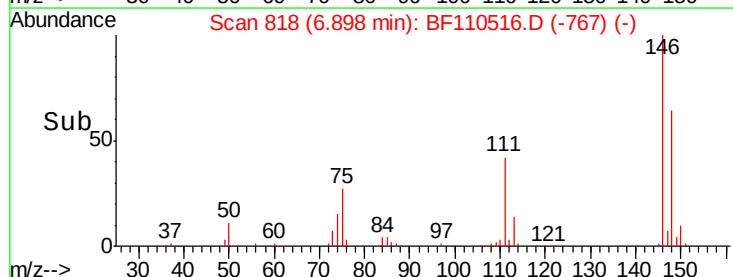
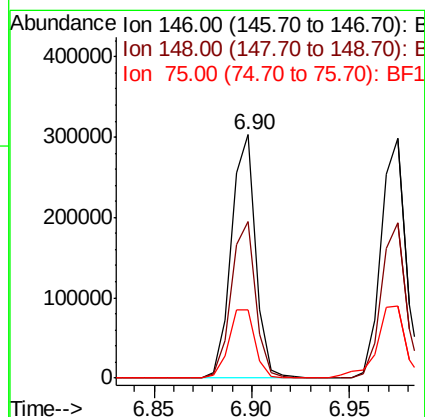
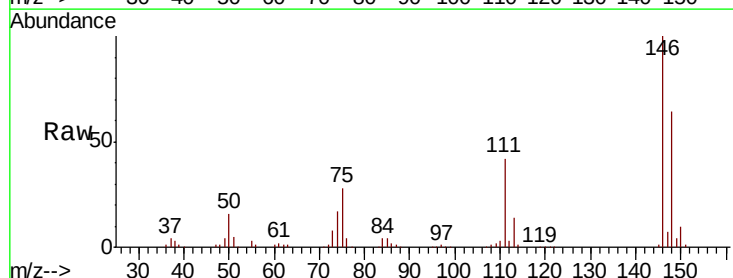
Instrument :  
 BNA\_F  
 ClientSampleId :

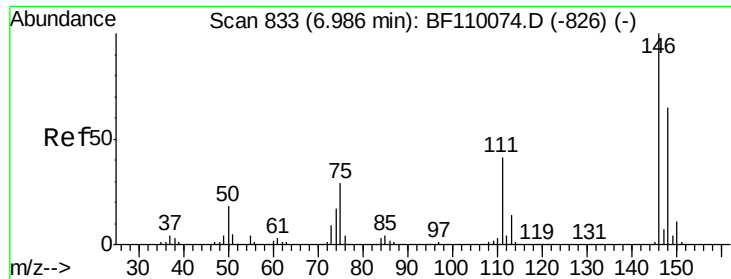
Tot Ion: 93 Resp: 222638  
 Ion Ratio Lower Upper  
 93 100  
 63 84.1 53.4 93.4  
 95 32.7 12.1 52.1



#12  
 1,3-Dichlorobenzene  
 Concen: 41.452 ng  
 RT: 6.90 min Scan# 818  
 Delta R.T. -0.00 min  
 Lab File: BF110516.D  
 Acq: 6 Nov 2018 15:45

Tgt Ion: 146 Resp: 261559  
 Ion Ratio Lower Upper  
 146 100  
 148 64.2 50.4 75.6  
 75 27.8 25.8 38.6

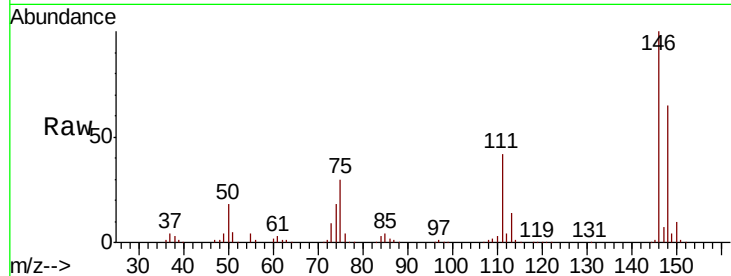




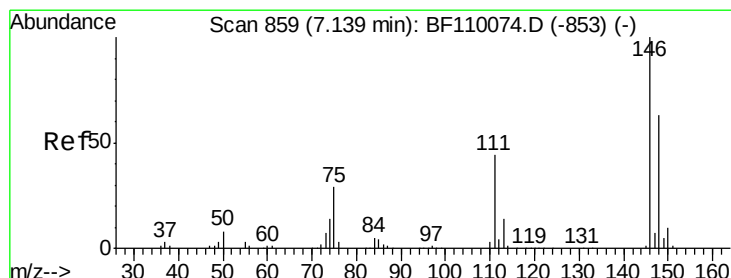
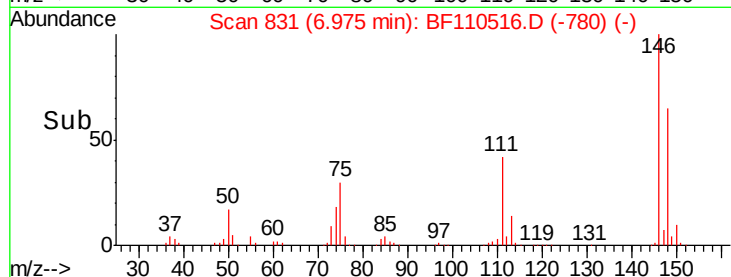
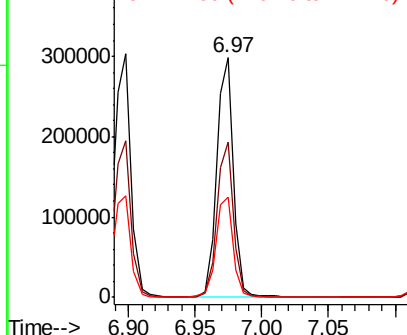
#13  
 1,4-Dichlorobenzene  
 Concen: 41.332 ng  
 RT: 6.97 min Scan# 831  
 Delta R.T. -0.00 min  
 Lab File: BF110516.D  
 Acq: 6 Nov 2018 15:45

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:146 Resp: 263764  
 Ion Ratio Lower Upper  
 146 100  
 148 65.1 50.3 75.5  
 111 41.8 32.7 49.1

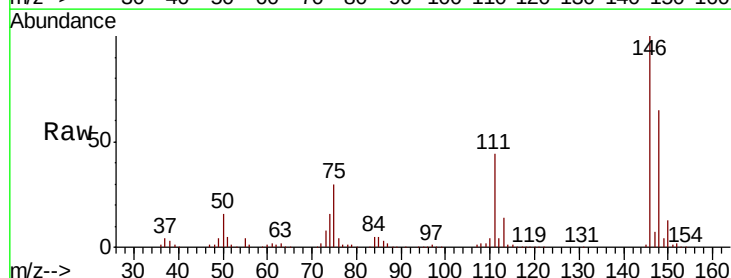


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

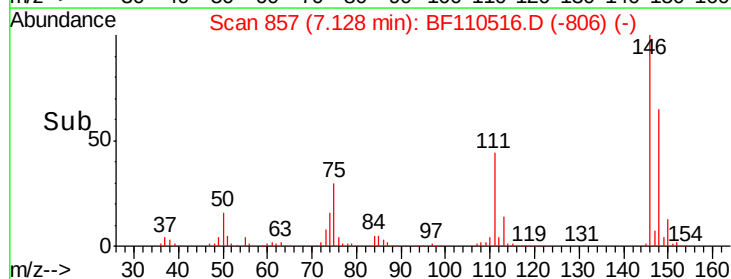
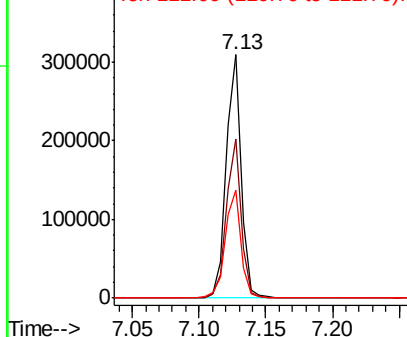


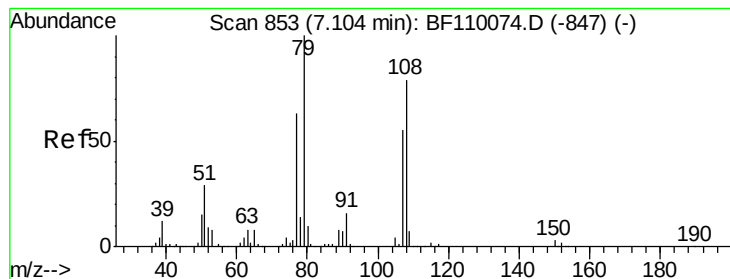
#14  
 1,2-Dichlorobenzene  
 Concen: 41.668 ng  
 RT: 7.13 min Scan# 857  
 Delta R.T. -0.00 min  
 Lab File: BF110516.D  
 Acq: 6 Nov 2018 15:45

Tgt Ion:146 Resp: 246852  
 Ion Ratio Lower Upper  
 146 100  
 148 65.3 51.1 76.7  
 111 44.3 35.8 53.6



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: 41.806 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

Instrument :

BNA\_F

ClientSampled :

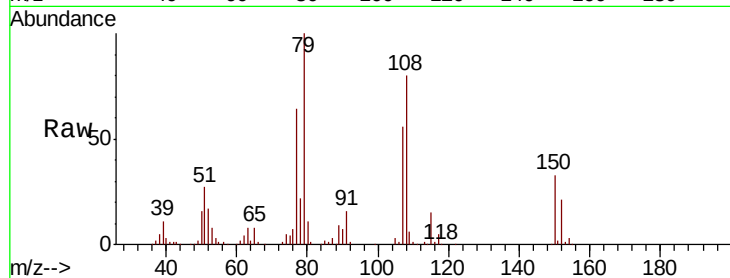
Tot Ion: 79 Resp: 204537

Ion Ratio Lower Upper

79 100

108 79.7 56.3 84.5

77 63.6 52.9 79.3

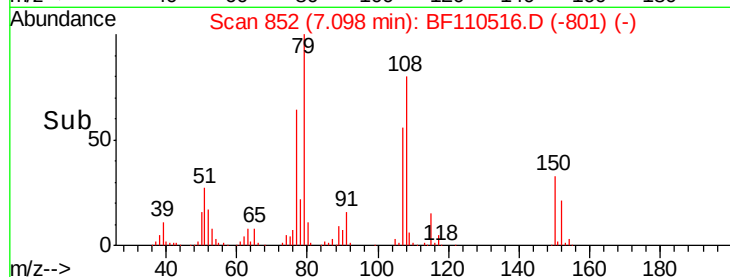


Abundance Ion 79.00 (78.70 to 79.70): BF1

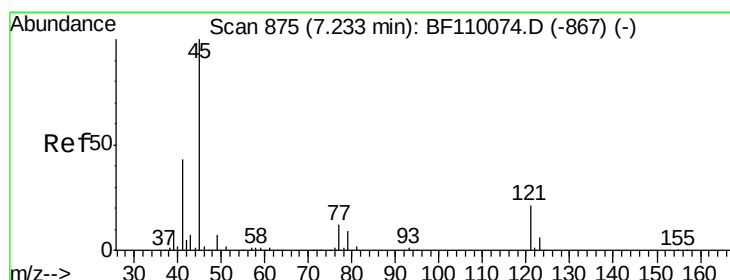
Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Time-->



Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.301 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

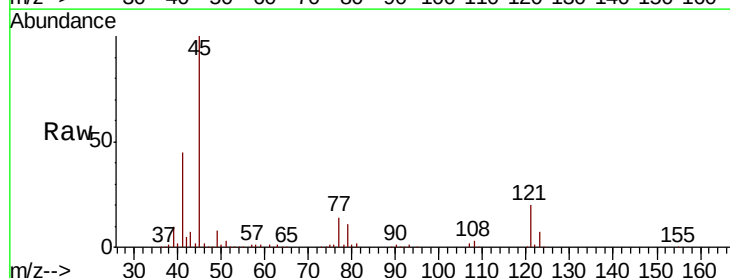
Tgt Ion: 45 Resp: 360471

Ion Ratio Lower Upper

45 100

77 14.2 10.0 50.0

79 10.7 6.1 46.1

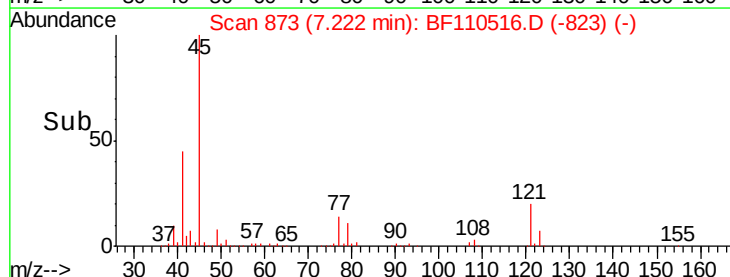


Abundance Ion 45.00 (44.70 to 45.70): BF1

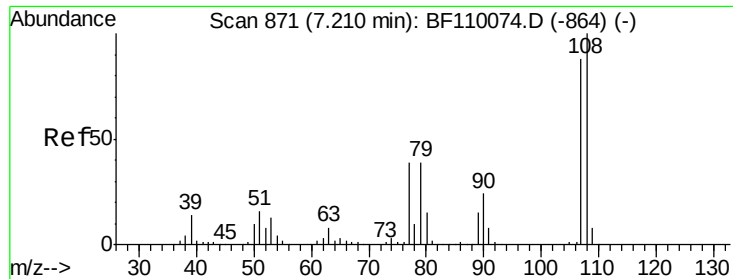
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

Time-->



Time-->



#17

2-Methylphenol

Concen: 41.377 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:107 Resp: 189074

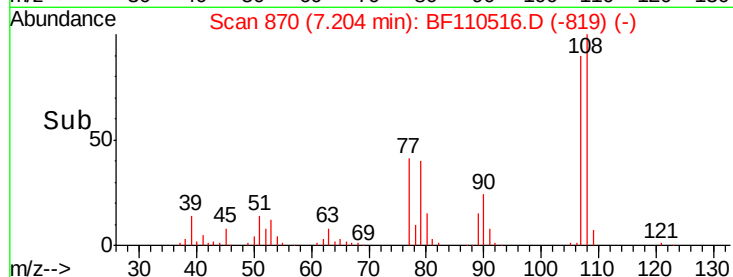
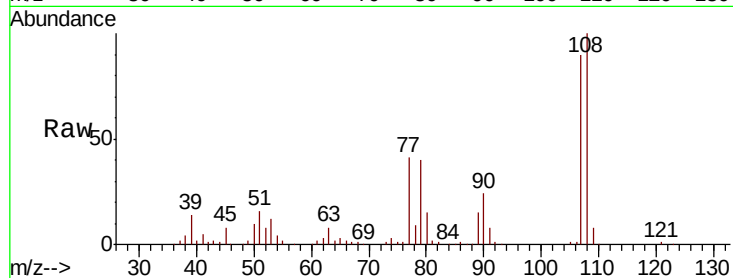
Ion Ratio Lower Upper

107 100

108 110.8 92.6 138.8

77 45.3 59.4 89.2#

79 44.3 54.0 81.0#



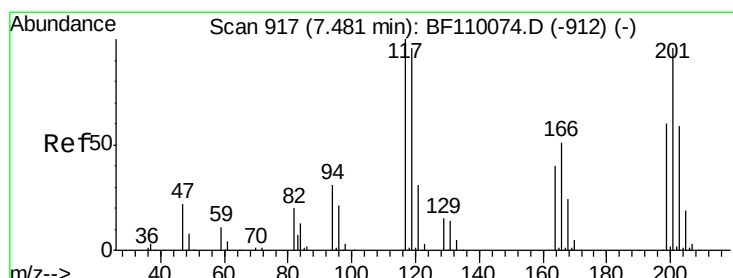
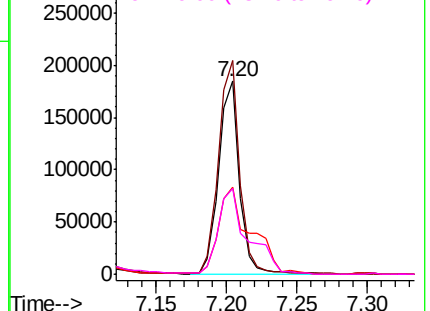
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 42.286 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

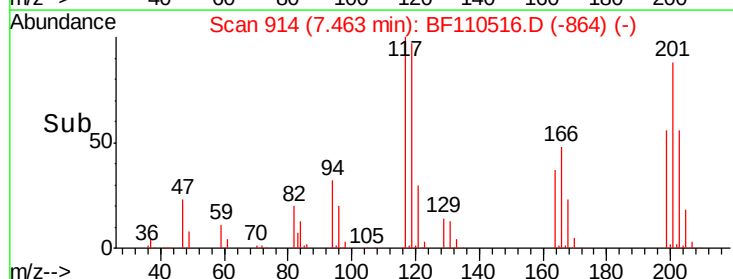
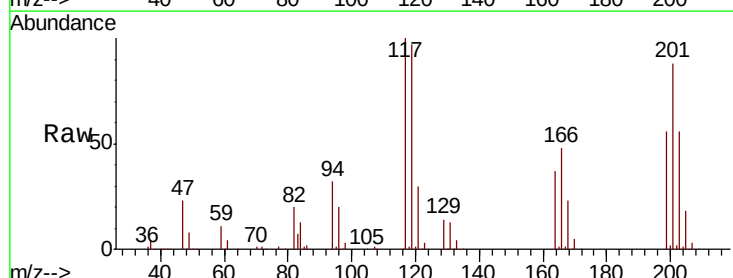
Tgt Ion:117 Resp: 98797

Ion Ratio Lower Upper

117 100

119 96.7 75.0 112.6

201 87.7 79.2 118.8

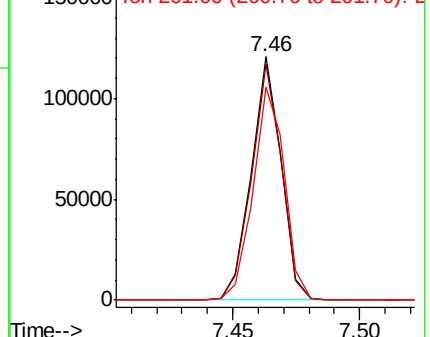


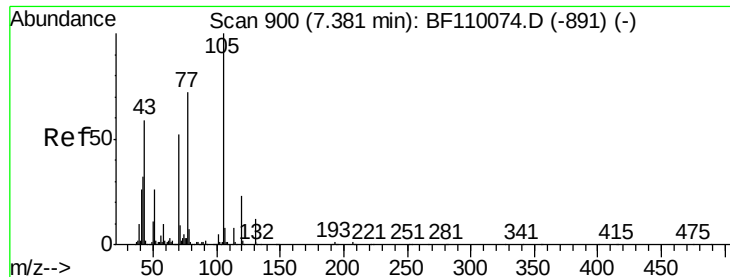
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

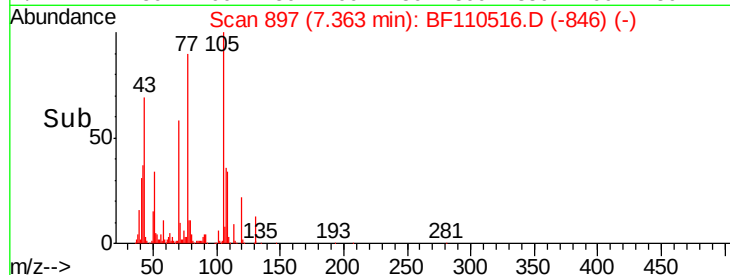
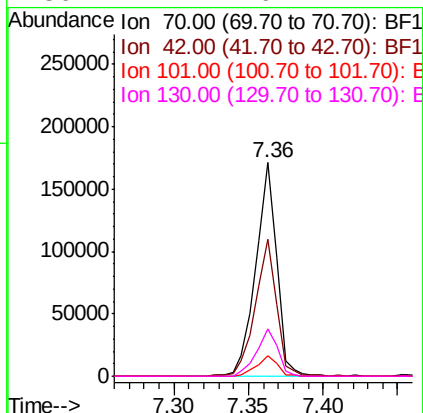
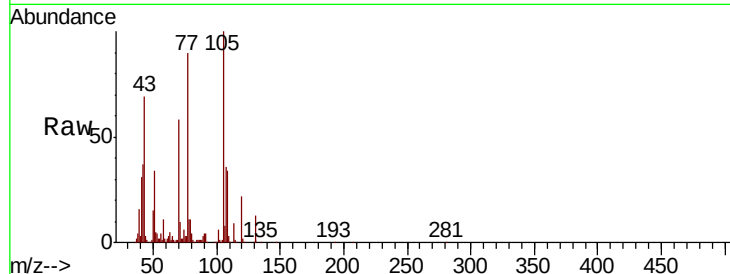




#19  
n-Nitroso-di-n-propylamine  
Concen: 40.525 ng  
RT: 7.36 min Scan# 897  
Delta R.T. -0.00 min  
Lab File: BF110516.D  
Acq: 6 Nov 2018 15:45

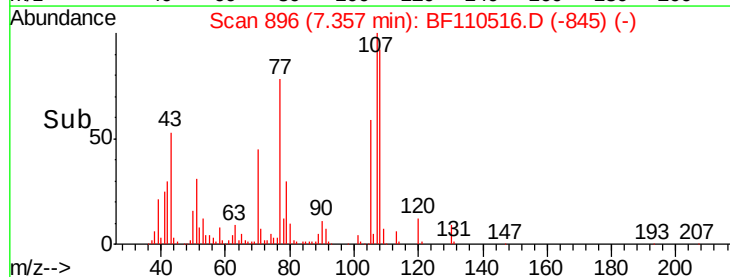
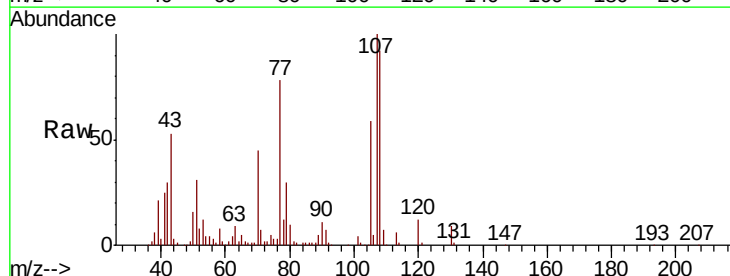
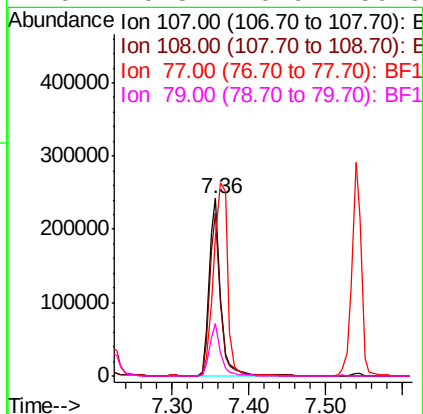
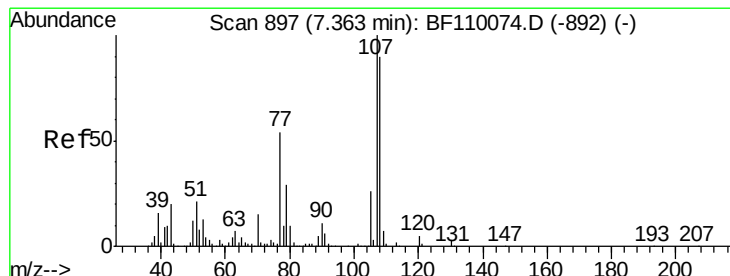
Instrument :  
BNA\_F  
ClientSampleId :

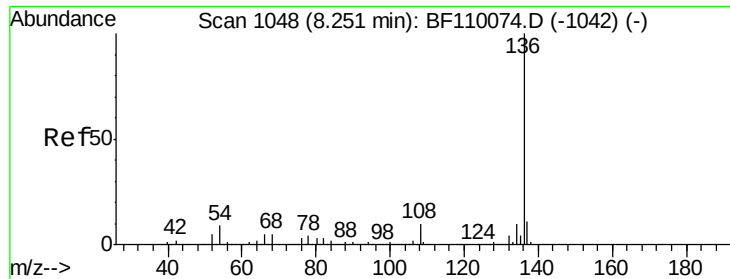
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 165382 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 64.3  | 47.4  | 71.2   |
| 101      | 9.9   | 7.3   | 10.9   |
| 130      | 22.1  | 16.2  | 24.2   |



#20  
3+4-Methylphenols  
Concen: 42.082 ng  
RT: 7.36 min Scan# 896  
Delta R.T. -0.00 min  
Lab File: BF110516.D  
Acq: 6 Nov 2018 15:45

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 248564 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 91.7  | 71.4  | 111.4  |
| 77       | 77.9  | 47.3  | 87.3   |
| 79       | 29.8  | 10.9  | 50.9   |

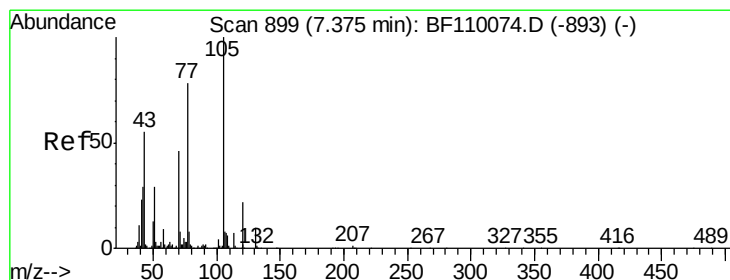
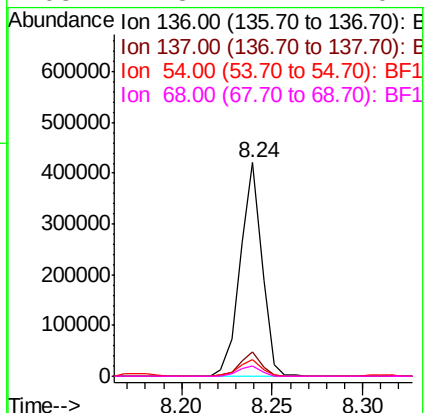
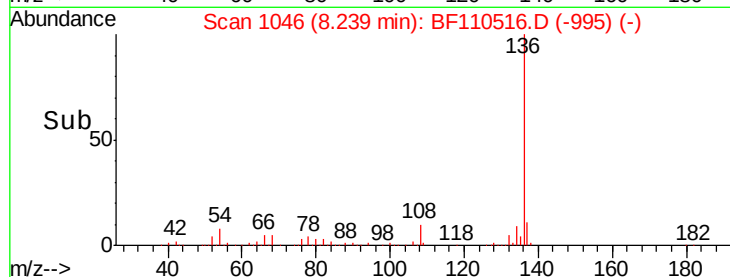
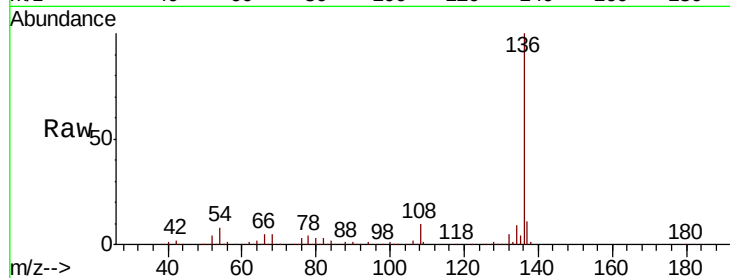




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.24 min Scan# 1046  
Delta R.T. -0.00 min  
Lab File: BF110516.D  
Acq: 6 Nov 2018 15:45

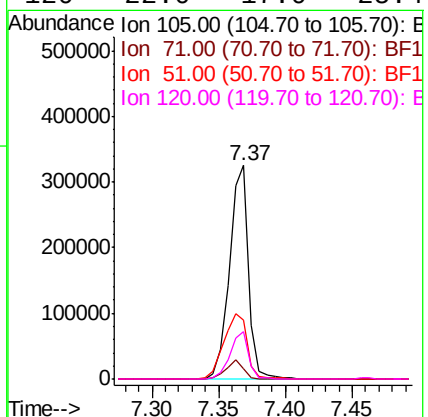
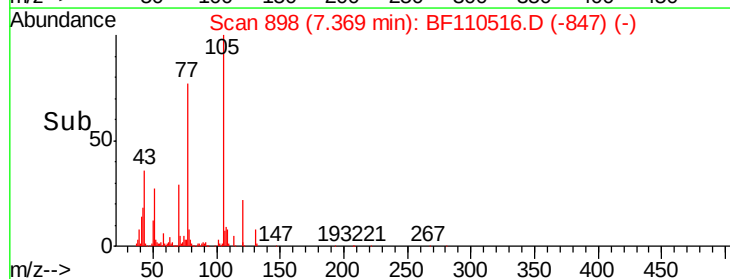
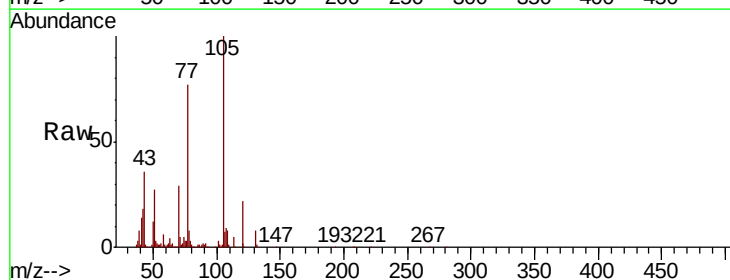
Instrument :  
BNA\_F  
ClientSampleId :

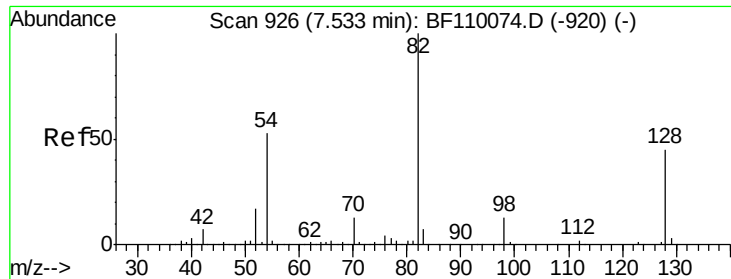
|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 349935   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.1  | 8.8 13.2 |
| 54          | 8.0   | 5.4 8.2  |
| 68          | 4.8   | 4.2 6.2  |



#22  
Acetophenone  
Concen: 40.417 ng  
RT: 7.37 min Scan# 898  
Delta R.T. -0.00 min  
Lab File: BF110516.D  
Acq: 6 Nov 2018 15:45

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 325896    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 4.7   | 5.2 7.8#  |
| 51          | 27.3  | 21.8 32.8 |
| 120         | 22.0  | 17.0 25.4 |

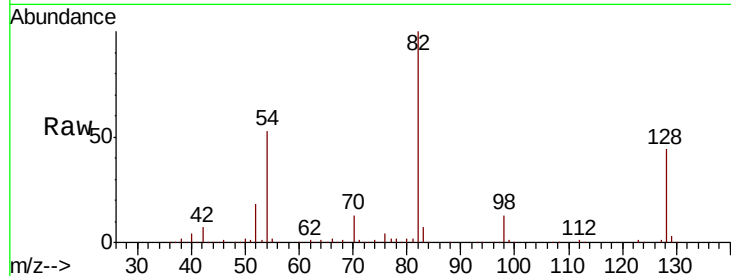




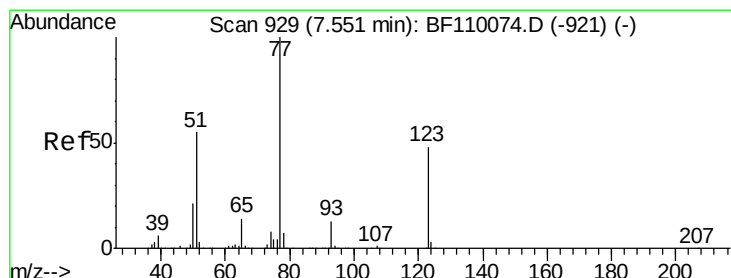
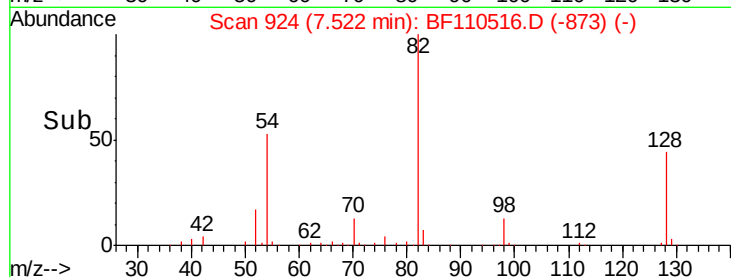
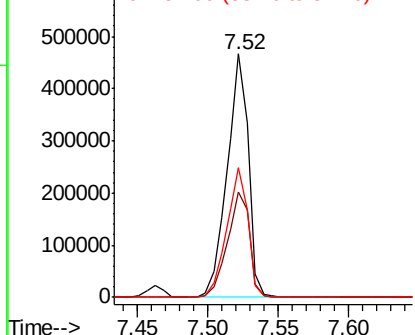
#23  
Nitrobenzene-d5  
Concen: 82.382 ng  
RT: 7.52 min Scan# 924  
Delta R.T. -0.00 min  
Lab File: BF110516.D  
Acq: 6 Nov 2018 15:45

Instrument :  
BNA\_F  
ClientSampled :

| Tot Ion   | 82    | Resp  | 486038 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 43.5  | 34.2  | 51.2   |
| 54        | 53.2  | 38.6  | 58.0   |

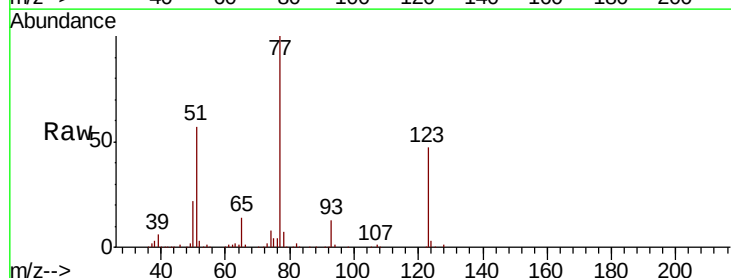


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): BF1  
Ion 54.00 (53.70 to 54.70): BF1

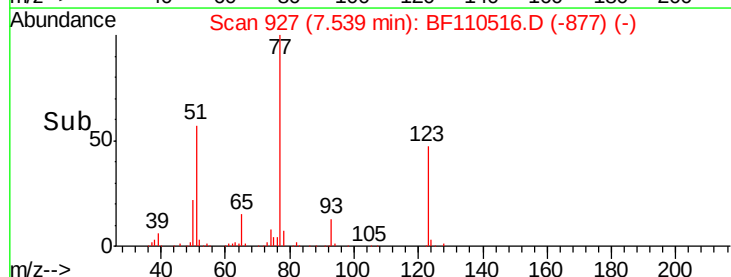
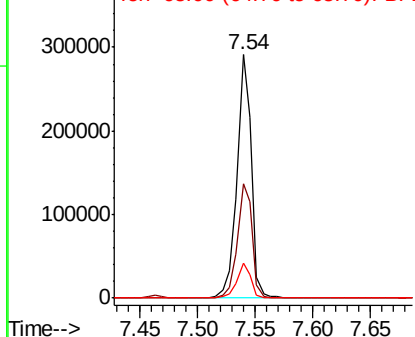


#24  
Nitrobenzene  
Concen: 40.812 ng  
RT: 7.54 min Scan# 927  
Delta R.T. -0.01 min  
Lab File: BF110516.D  
Acq: 6 Nov 2018 15:45

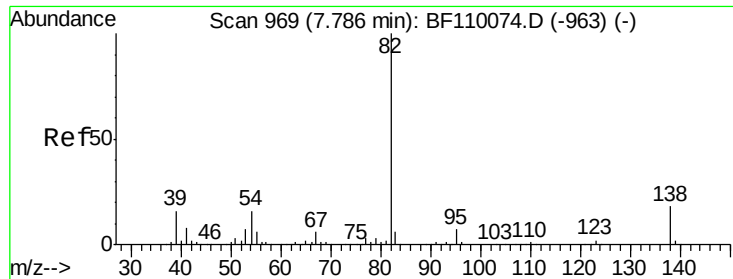
| Tgt Ion   | 77    | Resp  | 248587 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 47.0  | 35.7  | 53.5   |
| 65        | 14.4  | 10.7  | 16.1   |



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: 39.260 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

Instrument :

BNA\_F

ClientSampled :

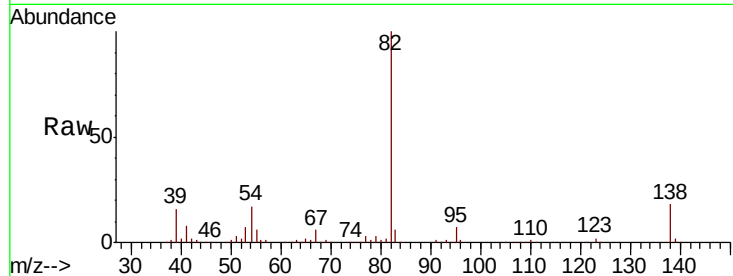
Tot Ion: 82 Resp: 394835

Ion Ratio Lower Upper

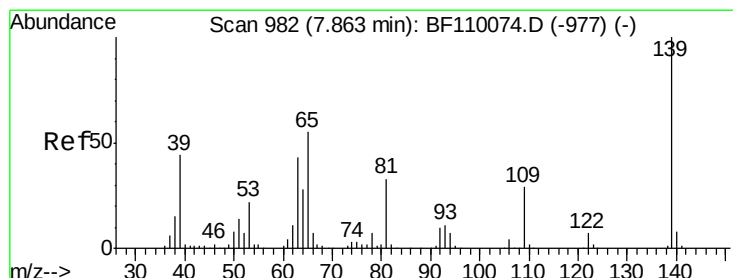
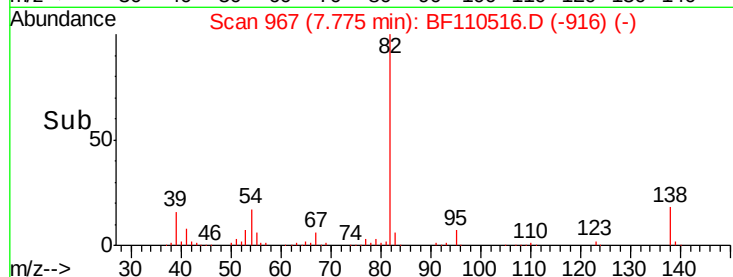
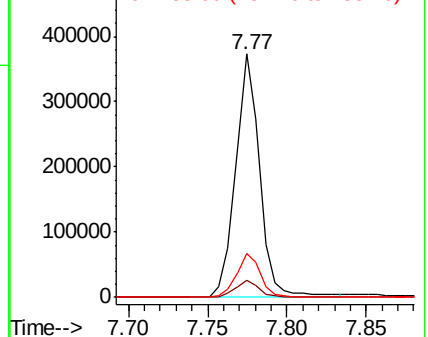
82 100

95 6.9 5.7 8.5

138 18.1 13.2 19.8



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: 44.582 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

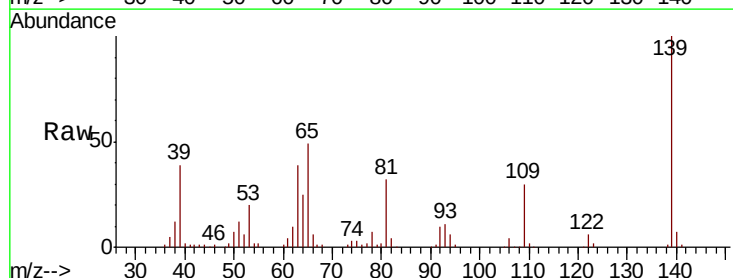
Tgt Ion: 139 Resp: 129222

Ion Ratio Lower Upper

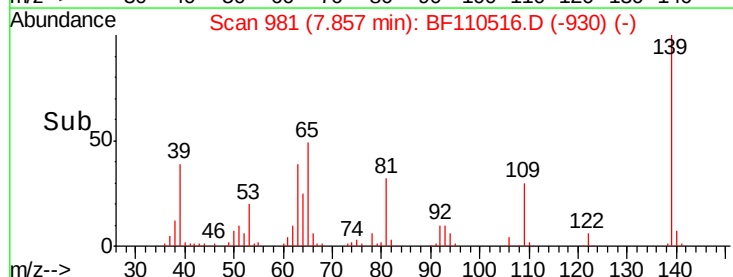
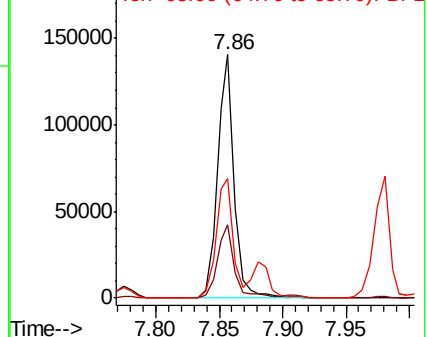
139 100

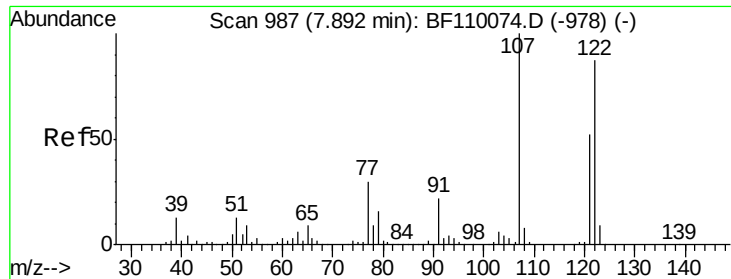
109 30.2 25.0 37.6

65 48.9 44.0 66.0



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

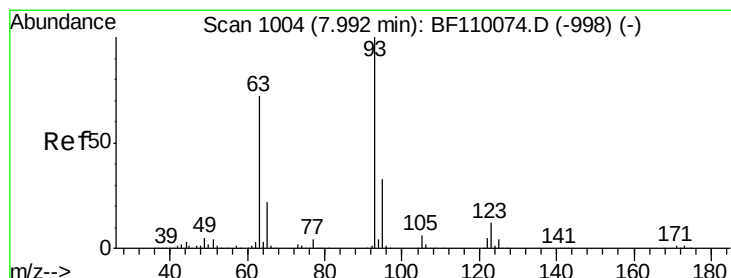
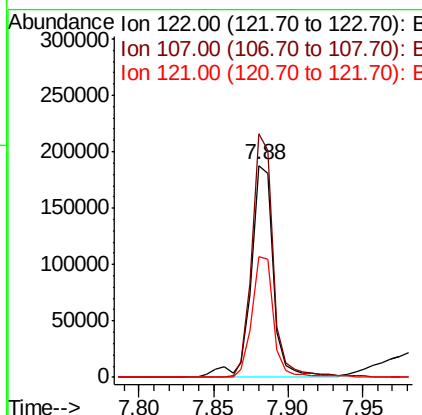
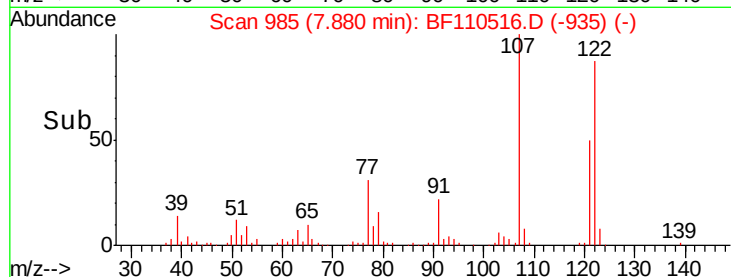
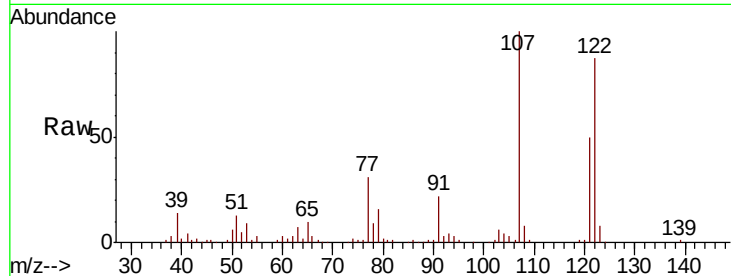




#27  
2,4-Dimethylphenol  
Concen: 40.202 ng  
RT: 7.88 min Scan# 985  
Delta R.T. -0.01 min  
Lab File: BF110516.D  
Acq: 6 Nov 2018 15:45

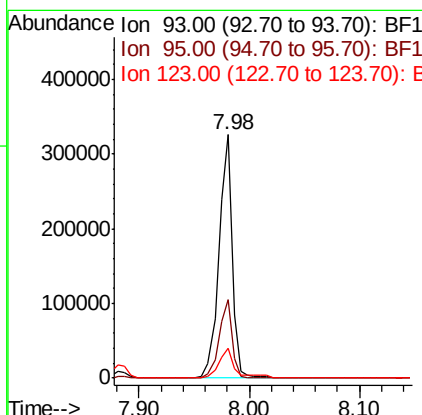
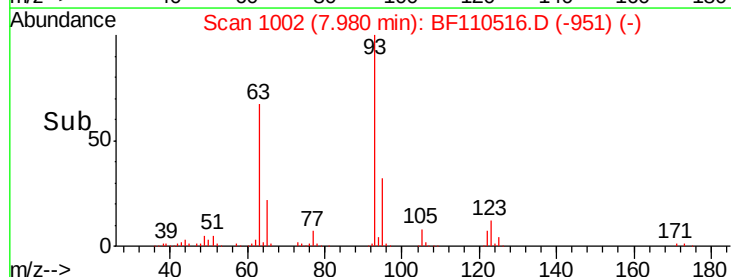
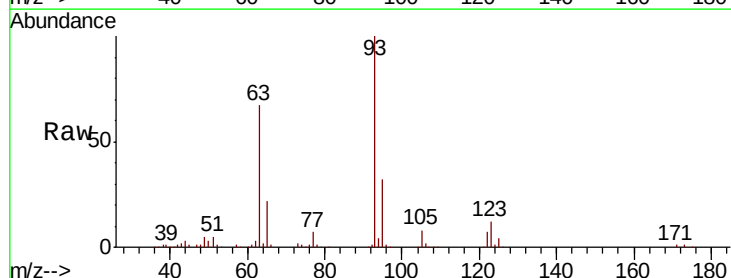
Instrument :  
BNA\_F  
ClientSampled :

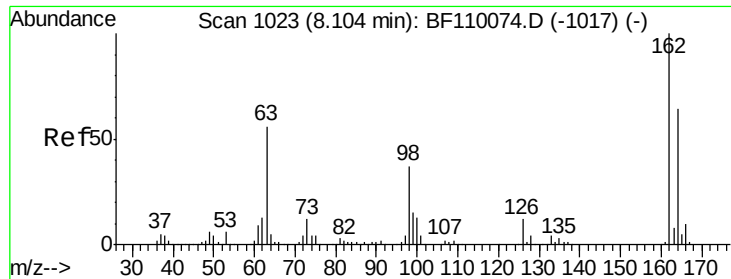
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 114.9 | 92.5  | 138.7 |
| 121     | 57.3  | 45.8  | 68.8  |



#28  
bis(2-Chloroethoxy)methane  
Concen: 39.959 ng  
RT: 7.98 min Scan# 1002  
Delta R.T. -0.00 min  
Lab File: BF110516.D  
Acq: 6 Nov 2018 15:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.3  | 26.4  | 39.6  |
| 123     | 12.3  | 9.0   | 13.6  |

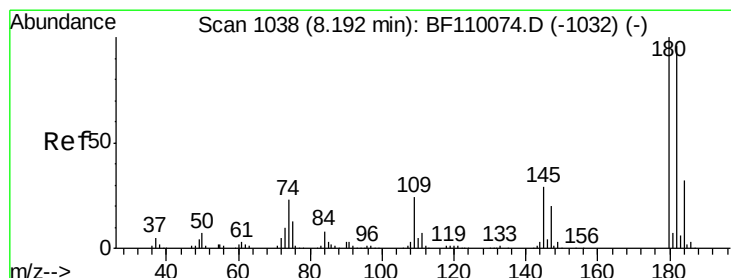
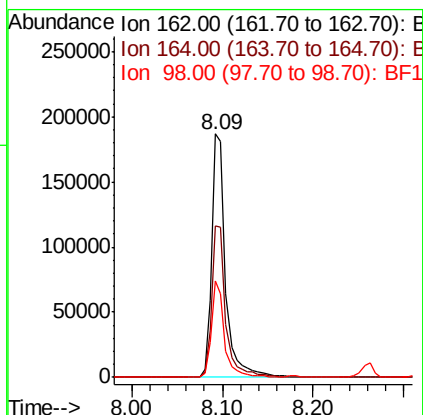
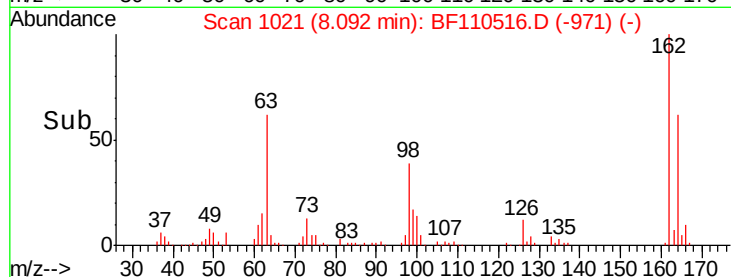
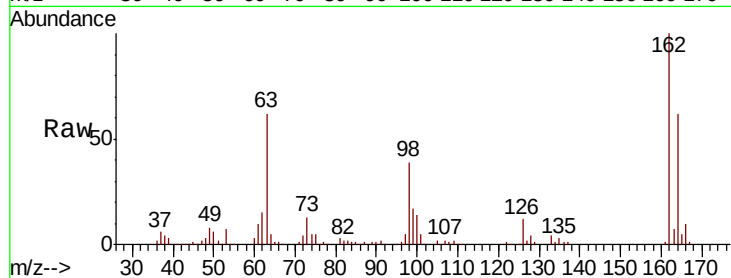




#29  
2,4-Dichlorophenol  
Concen: 41.619 ng  
RT: 8.09 min Scan# 1021  
Delta R.T. -0.01 min  
Lab File: BF110516.D  
Acq: 6 Nov 2018 15:45

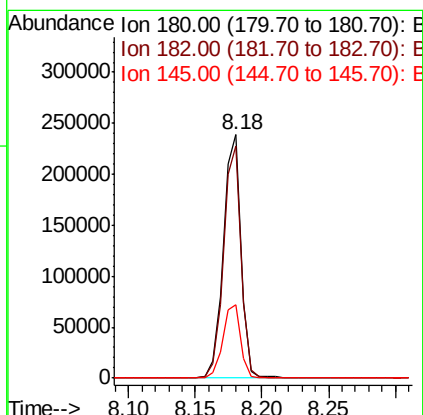
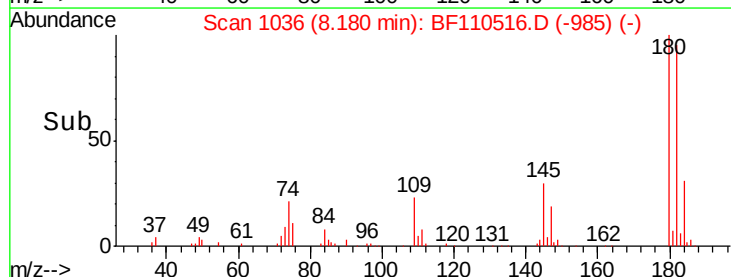
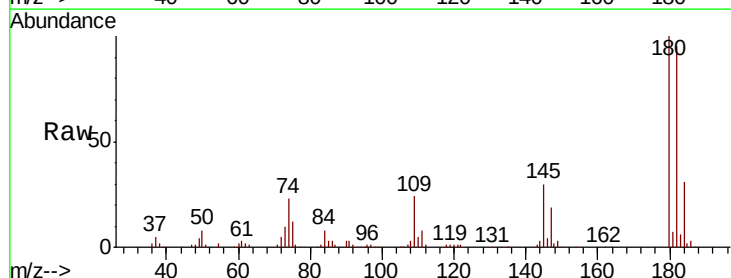
Instrument :  
BNA\_F  
ClientSampled :

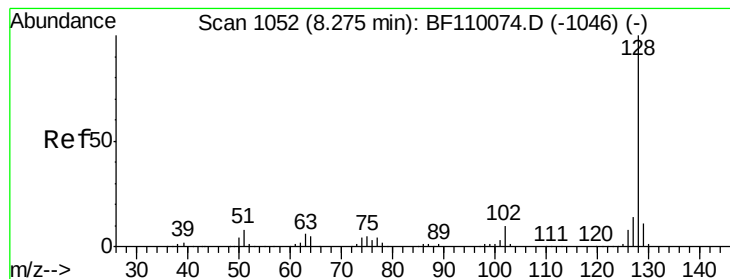
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 62.4  | 44.6  | 84.6  |
| 98      | 39.4  | 17.4  | 57.4  |



#30  
1,2,4-Trichlorobenzene  
Concen: 41.256 ng  
RT: 8.18 min Scan# 1036  
Delta R.T. -0.00 min  
Lab File: BF110516.D  
Acq: 6 Nov 2018 15:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.1  | 80.3  | 120.5 |
| 145     | 30.3  | 25.4  | 38.0  |





#31

Naphthalene

Concen: 40.957 ng

RT: 8.26 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

Instrument :

BNA\_F

ClientSampleId :

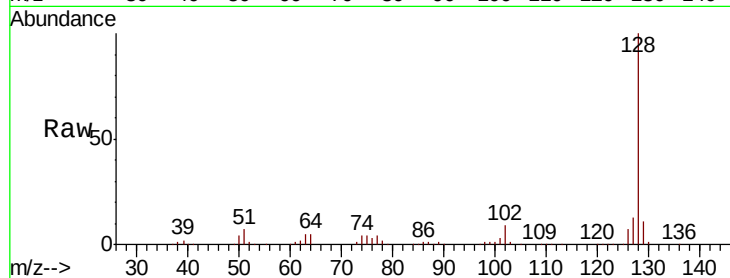
Tot Ion:128 Resp: 660564

Ion Ratio Lower Upper

128 100

129 10.6 8.8 13.2

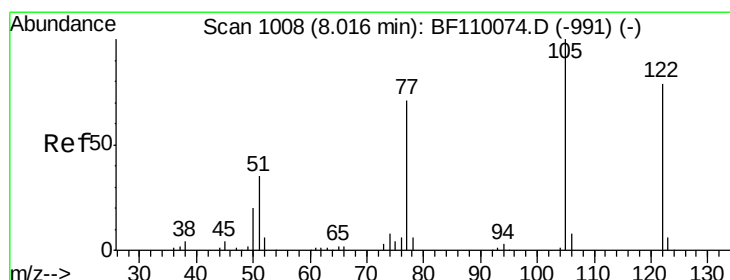
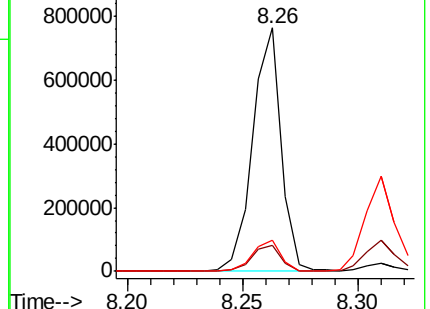
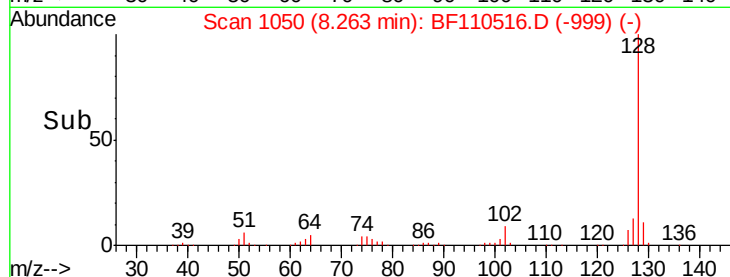
127 12.9 10.8 16.2



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: 35.865 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

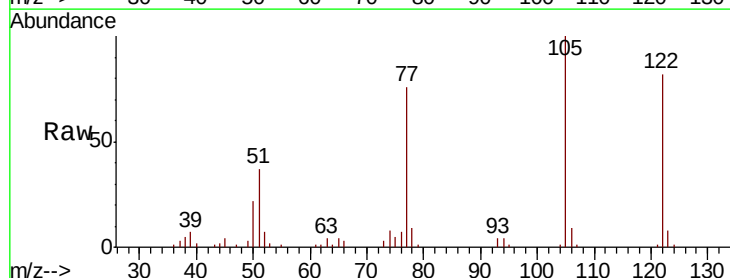
Tgt Ion:122 Resp: 133211

Ion Ratio Lower Upper

122 100

105 122.2 109.0 149.0

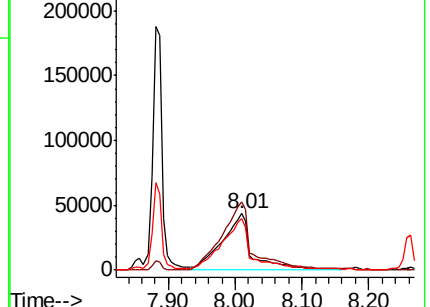
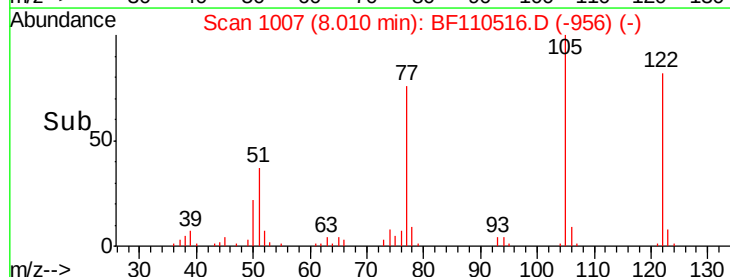
77 92.8 79.0 119.0

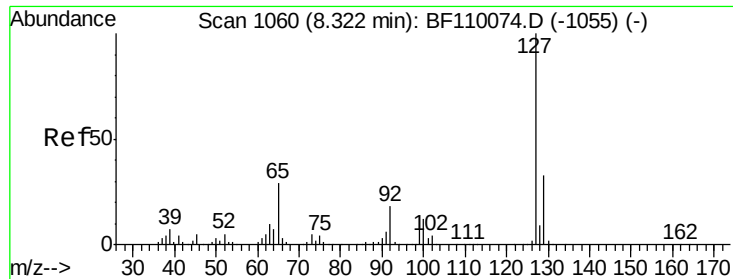


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

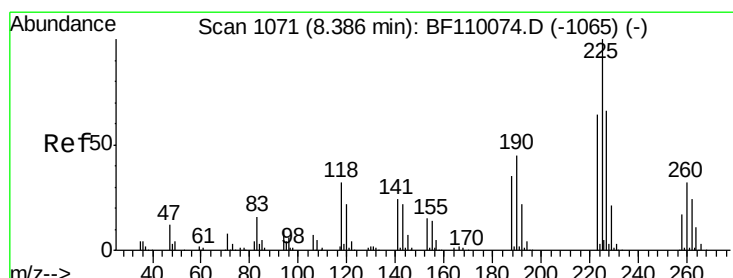
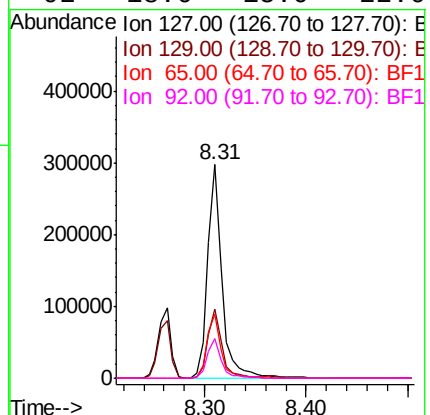
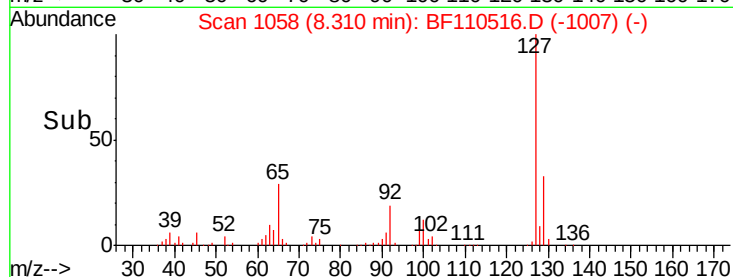
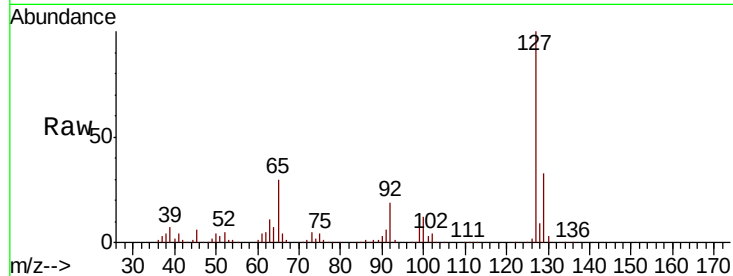




#33  
4-Chloroaniline  
Concen: 40.101 ng  
RT: 8.31 min Scan# 1058  
Delta R.T. -0.00 min  
Lab File: BF110516.D  
Acq: 6 Nov 2018 15:45

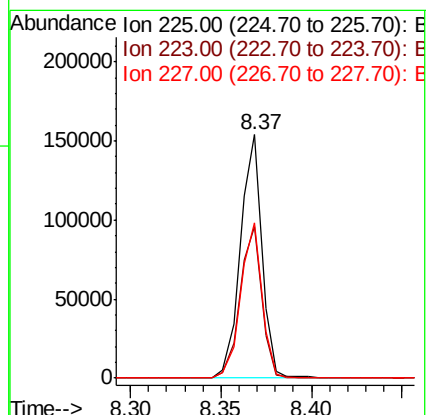
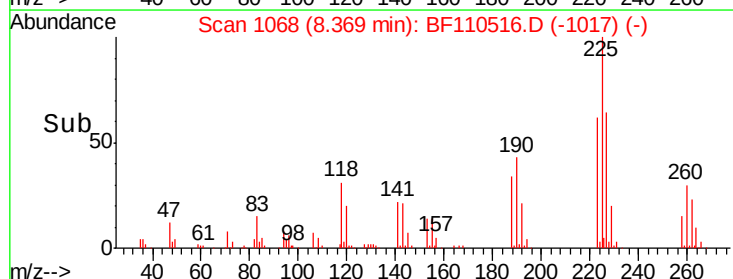
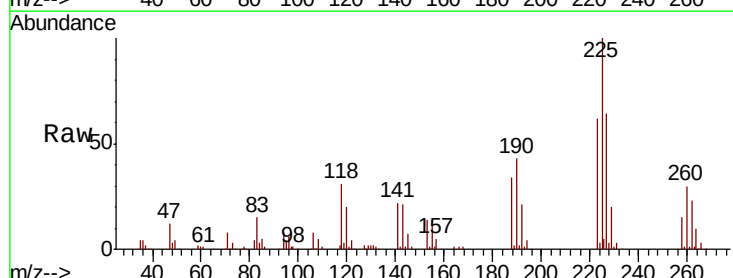
Instrument :  
BNA\_F  
ClientSampleId :

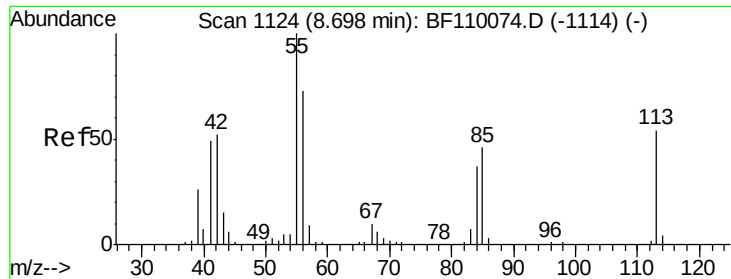
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 291079 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.5  | 26.0  | 39.0   |
| 65       | 30.2  | 25.1  | 37.7   |
| 92       | 18.6  | 15.0  | 22.6   |



#34  
Hexachlorobutadiene  
Concen: 42.137 ng  
RT: 8.37 min Scan# 1068  
Delta R.T. -0.00 min  
Lab File: BF110516.D  
Acq: 6 Nov 2018 15:45

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 127236 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.1  | 51.4  | 77.2   |
| 227      | 64.0  | 51.0  | 76.6   |

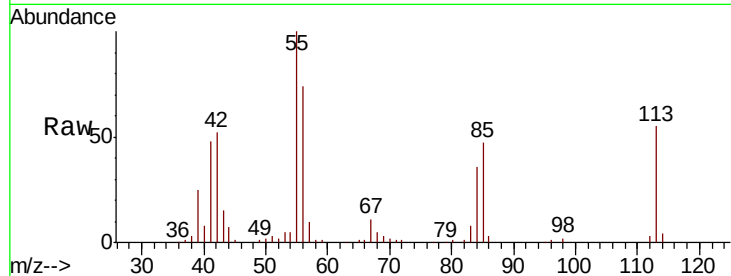




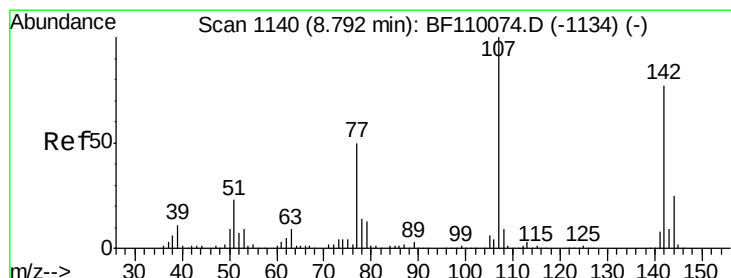
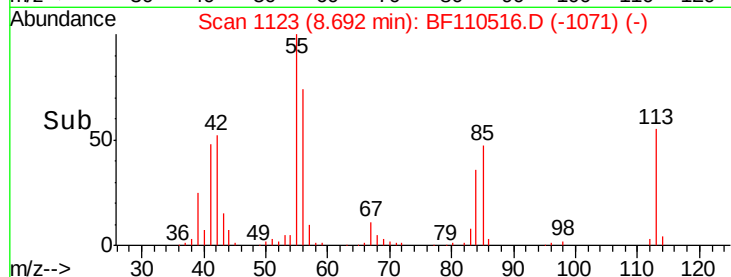
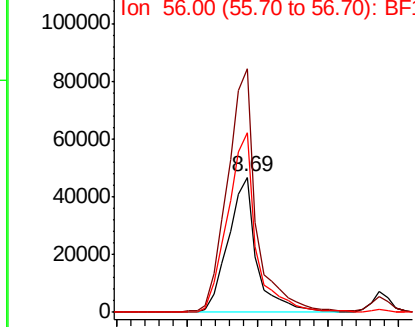
#35  
 Caprolactam  
 Concen: 38.771 ng  
 RT: 8.69 min Scan# 1123  
 Delta R.T. 0.01 min  
 Lab File: BF110516.D  
 Acq: 6 Nov 2018 15:45

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:113 Resp: 65609  
 Ion Ratio Lower Upper  
 113 100  
 55 180.5 142.8 182.8  
 56 133.3 105.0 145.0

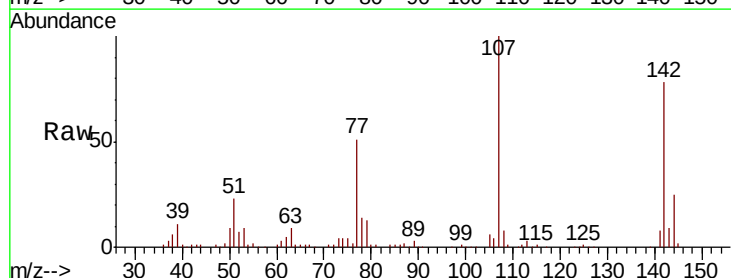


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF1  
 Ion 56.00 (55.70 to 56.70): BF1

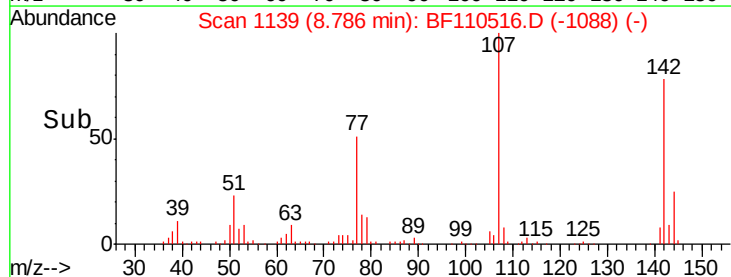
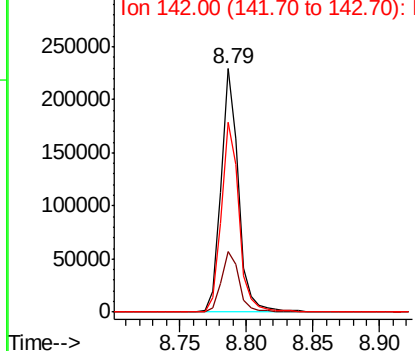


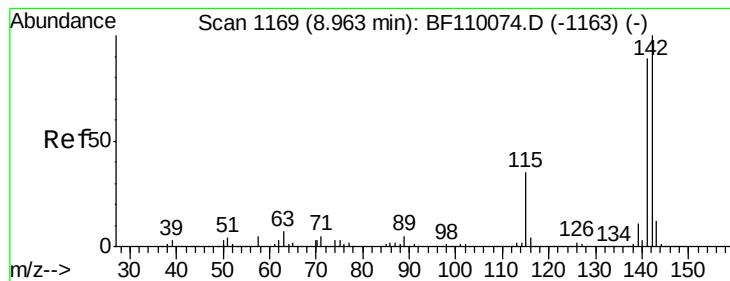
#36  
 4-Chloro-3-methylphenol  
 Concen: 40.486 ng  
 RT: 8.79 min Scan# 1139  
 Delta R.T. -0.00 min  
 Lab File: BF110516.D  
 Acq: 6 Nov 2018 15:45

Tgt Ion:107 Resp: 212558  
 Ion Ratio Lower Upper  
 107 100  
 144 24.9 20.0 30.0  
 142 78.2 59.7 89.5



Abundance Ion 107.00 (106.70 to 107.70): E  
 Ion 144.00 (143.70 to 144.70): E  
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.565 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

Instrument :

BNA\_F

ClientSampleId :

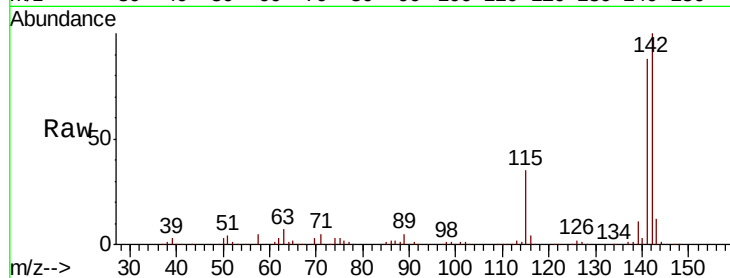
Tot Ion:142 Resp: 432868

Ion Ratio Lower Upper

142 100

141 88.4 71.4 107.2

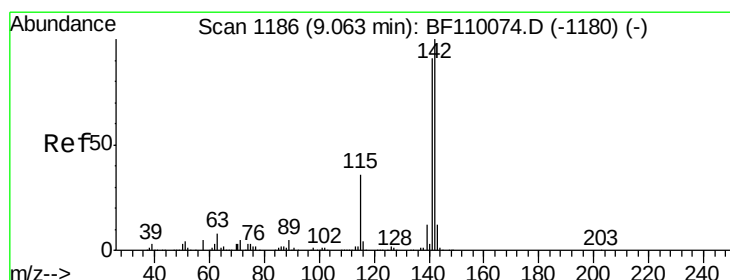
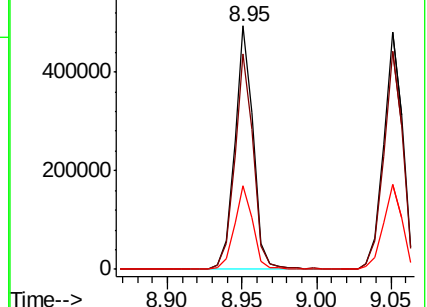
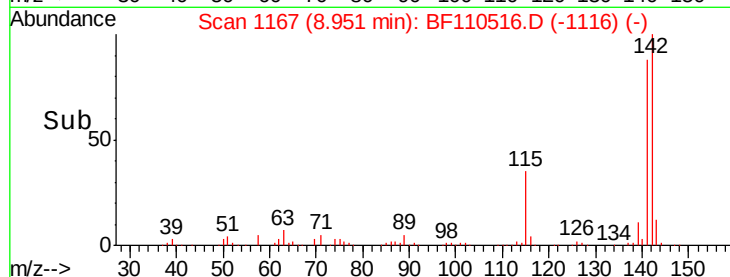
115 34.5 28.7 43.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.484 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

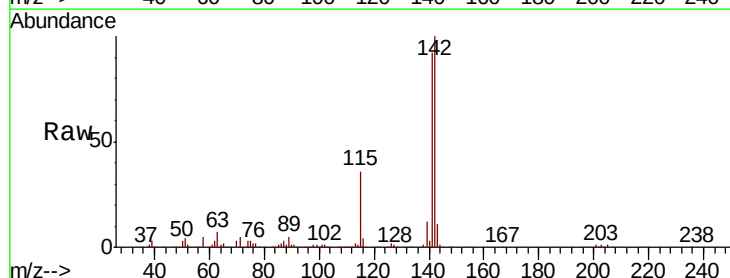
Tgt Ion:142 Resp: 417472

Ion Ratio Lower Upper

142 100

141 91.6 74.2 111.4

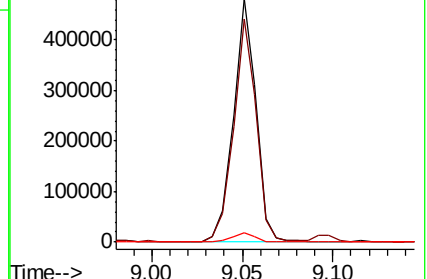
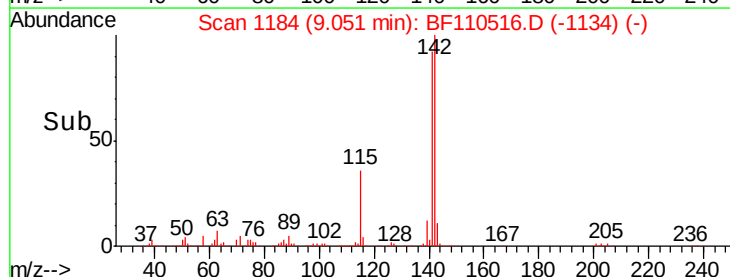
116 3.6 2.6 4.0

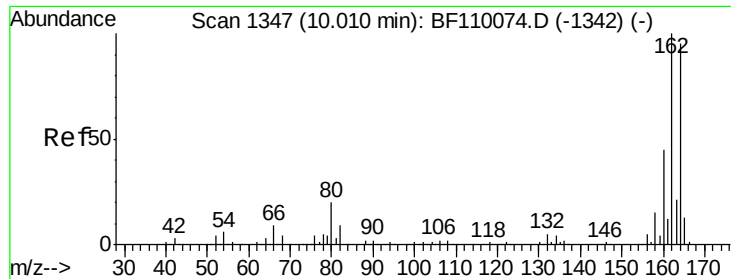


Abundance Ion 142.00 (141.70 to 142.70): E

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: 10.00 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

Instrument :

BNA\_F

ClientSampleId :

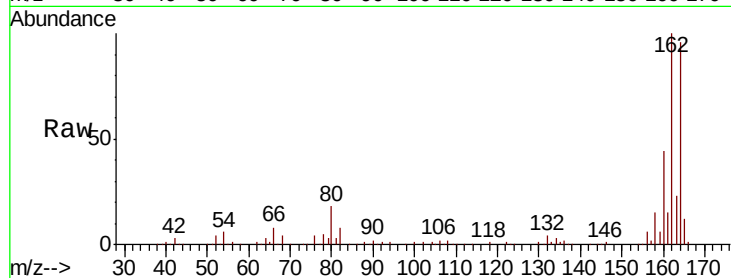
Tot Ion:164 Resp: 167882

Ion Ratio Lower Upper

164 100

162 104.3 83.0 124.6

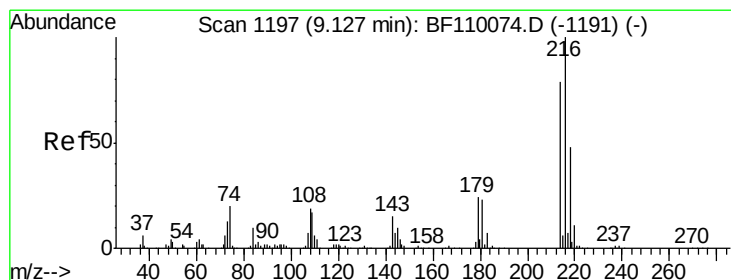
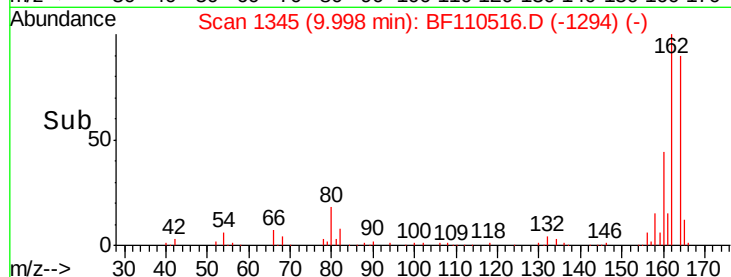
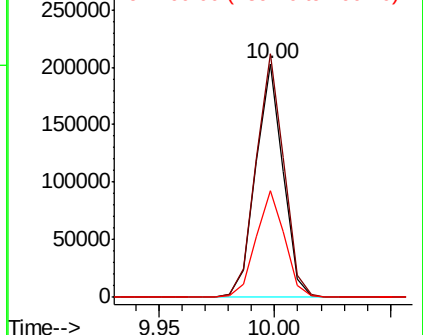
160 45.5 37.0 55.6



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: 40.852 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

Tgt Ion:216 Resp: 213693

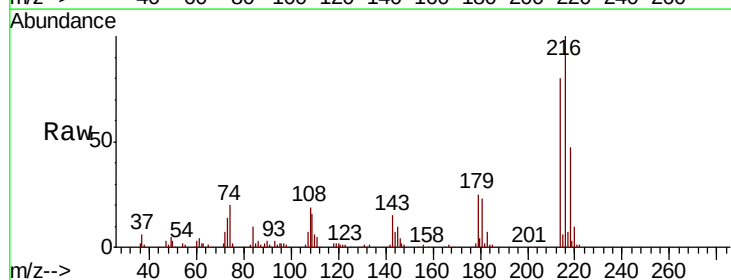
Ion Ratio Lower Upper

216 100

214 80.4 63.8 95.6

179 23.3 16.6 25.0

108 19.4 15.1 22.7

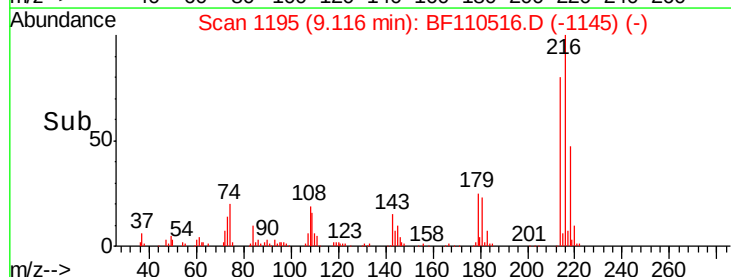
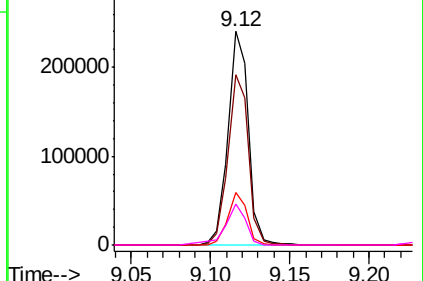


Abundance Ion 216.00 (215.70 to 216.70): E

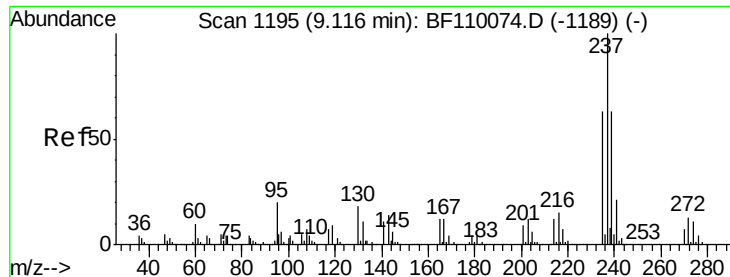
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



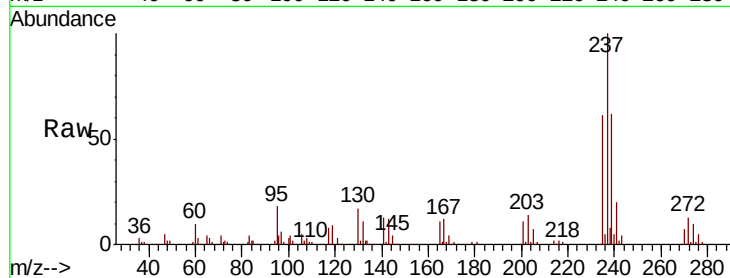




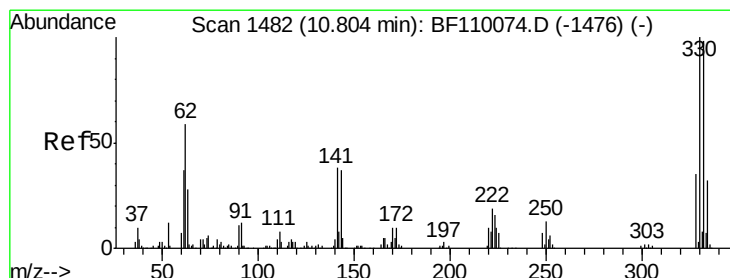
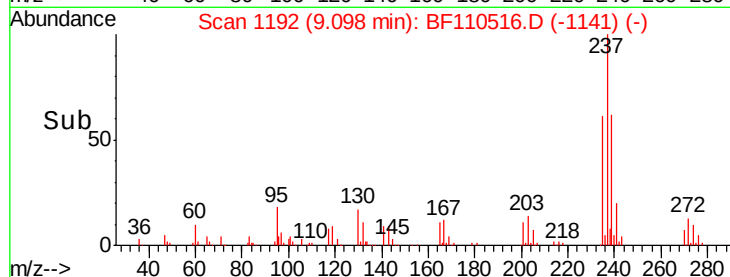
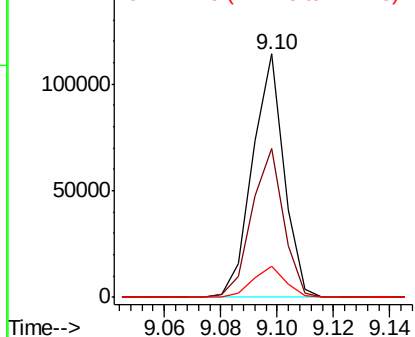
#41  
Hexachlorocyclopentadiene  
Concen: 32.975 ng  
RT: 9.10 min Scan# 1192  
Delta R.T. -0.00 min  
Lab File: BF110516.D  
Acq: 6 Nov 2018 15:45

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:237 Resp: 88199  
Ion Ratio Lower Upper  
237 100  
235 61.4 43.1 83.1  
272 12.7 0.0 32.6

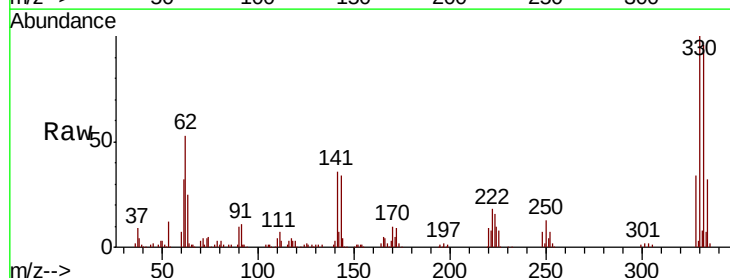


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

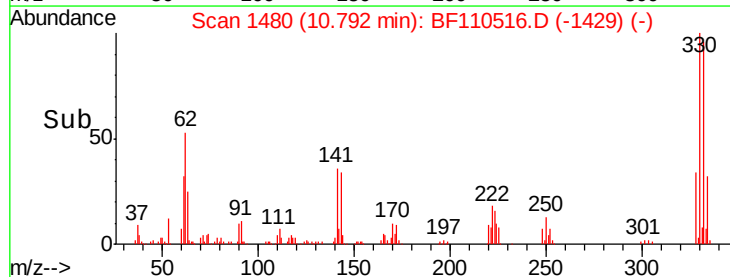
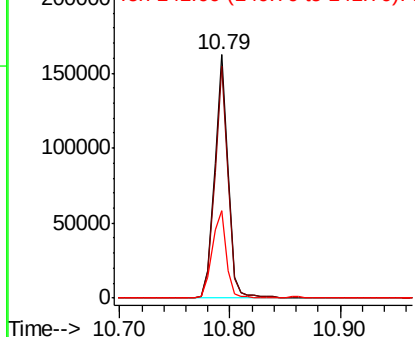


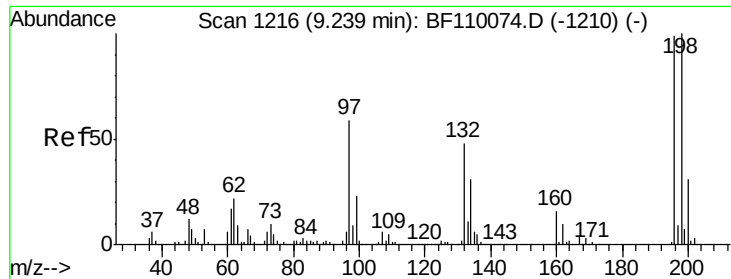
#42  
2,4,6-Tribromophenol  
Concen: 81.884 ng  
RT: 10.79 min Scan# 1480  
Delta R.T. -0.00 min  
Lab File: BF110516.D  
Acq: 6 Nov 2018 15:45

Tgt Ion:330 Resp: 136171  
Ion Ratio Lower Upper  
330 100  
332 95.1 77.1 115.7  
141 37.1 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

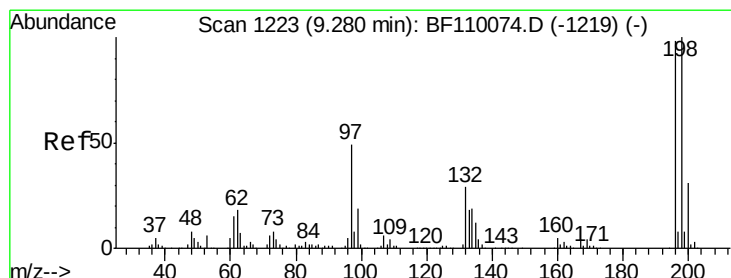
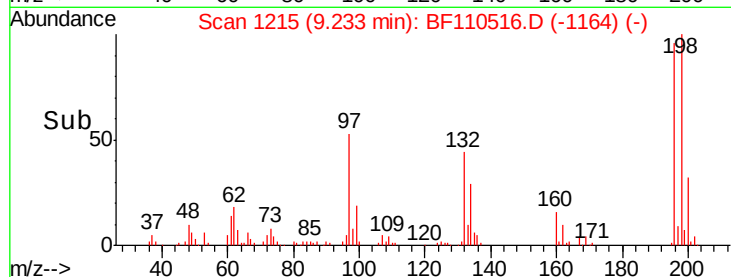
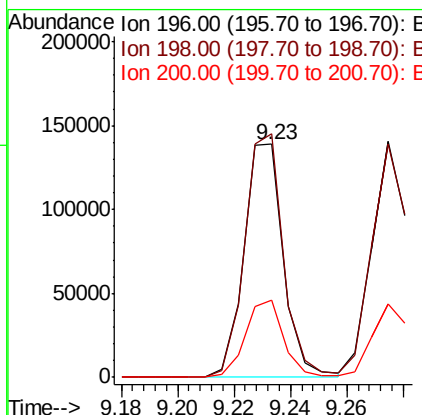
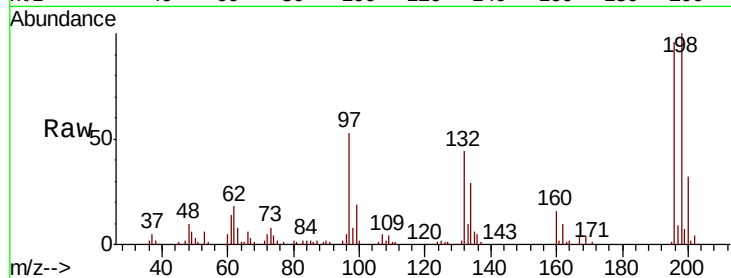




#43  
 2,4,6-Trichlorophenol  
 Concen: 39.936 ng  
 RT: 9.23 min Scan# 1215  
 Delta R.T. -0.00 min  
 Lab File: BF110516.D  
 Acq: 6 Nov 2018 15:45

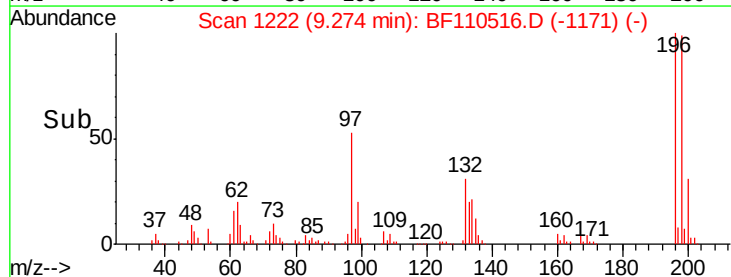
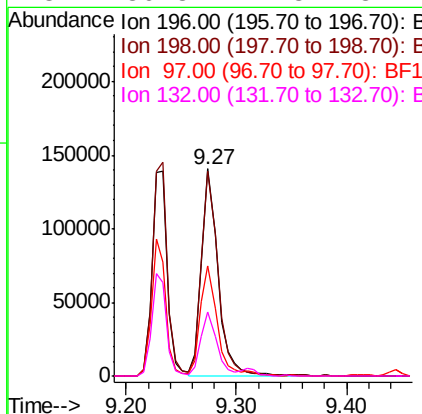
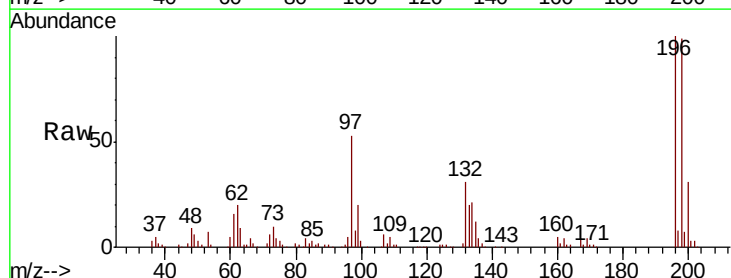
Instrument :  
 BNA\_F  
 ClientSampled :

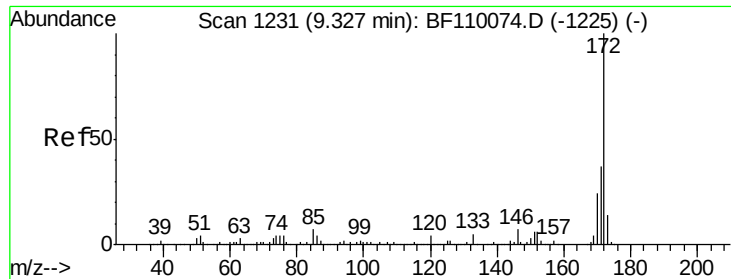
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 196   | Resp: | 134737 |
| Ion      | Ratio | Lower | Upper  |
| 196      | 100   |       |        |
| 198      | 104.6 | 76.2  | 114.4  |
| 200      | 33.2  | 24.4  | 36.6   |



#44  
 2,4,5-Trichlorophenol  
 Concen: 40.312 ng  
 RT: 9.27 min Scan# 1222  
 Delta R.T. -0.00 min  
 Lab File: BF110516.D  
 Acq: 6 Nov 2018 15:45

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 196   | Resp: | 143765 |
| Ion      | Ratio | Lower | Upper  |
| 196      | 100   |       |        |
| 198      | 98.9  | 75.8  | 113.6  |
| 97       | 52.9  | 42.4  | 63.6   |
| 132      | 30.8  | 22.8  | 34.2   |

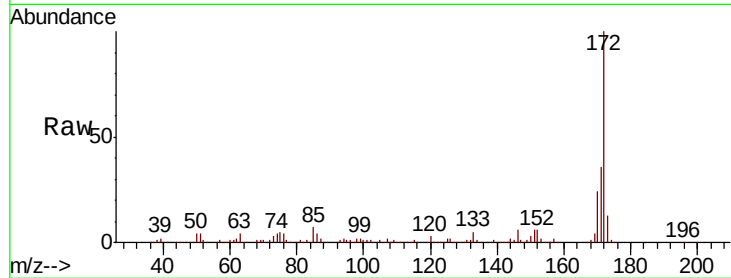




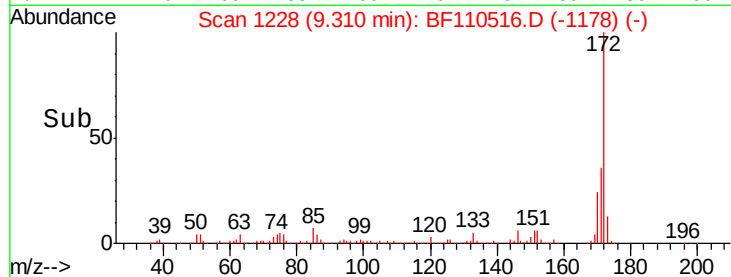
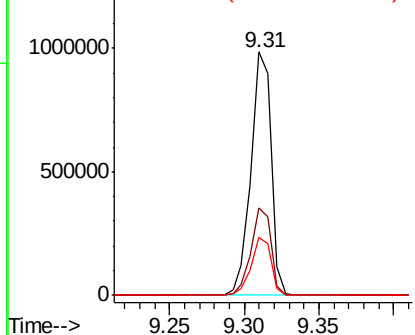
#45  
 2-Fluorobiphenyl  
 Concen: 85.942 ng  
 RT: 9.31 min Scan# 1228  
 Delta R.T. -0.01 min  
 Lab File: BF110516.D  
 Acq: 6 Nov 2018 15:45

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.9  | 28.6  | 43.0  |
| 170     | 23.6  | 19.7  | 29.5  |

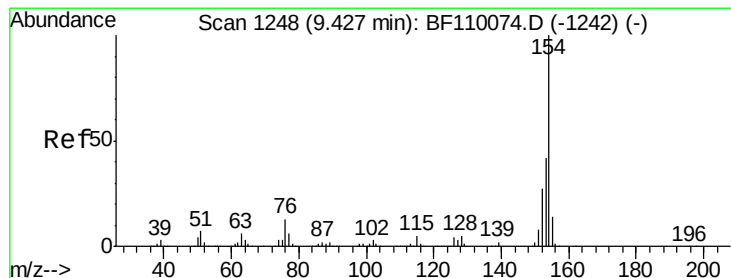


Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

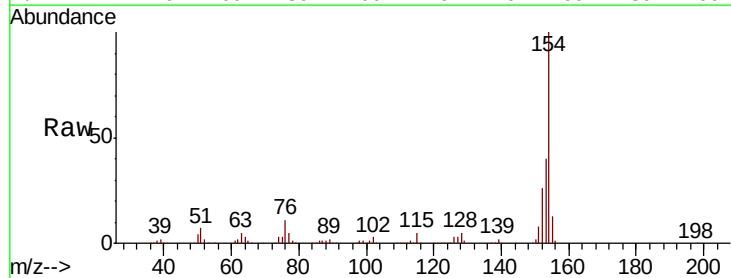
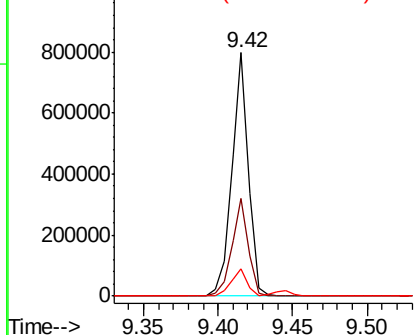


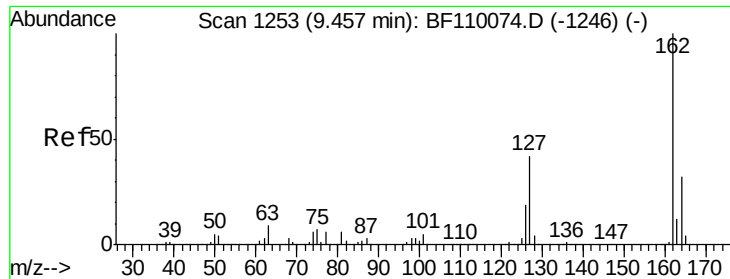
#46  
 1,1'-Biphenyl  
 Concen: 41.245 ng  
 RT: 9.42 min Scan# 1246  
 Delta R.T. -0.00 min  
 Lab File: BF110516.D  
 Acq: 6 Nov 2018 15:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.3  | 20.4  | 60.4  |
| 76      | 11.3  | 0.0   | 31.9  |



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

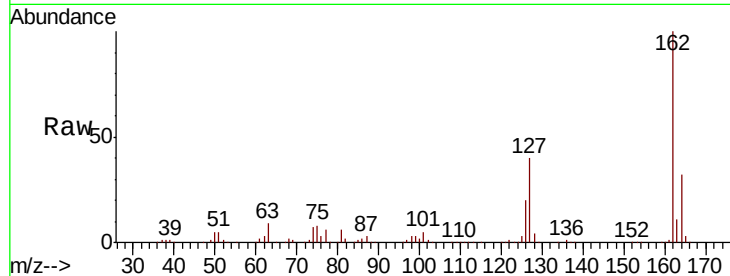




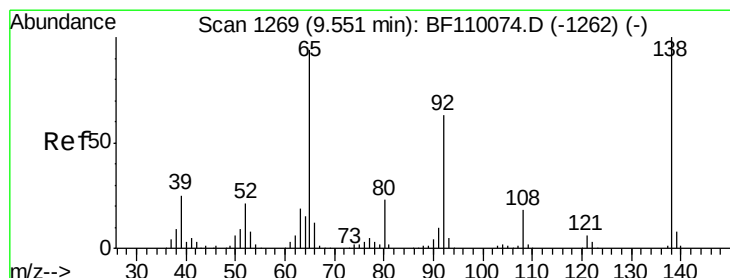
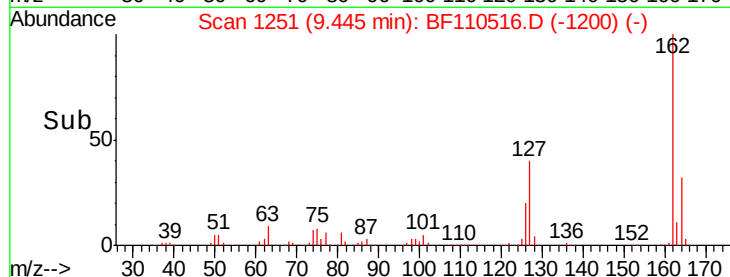
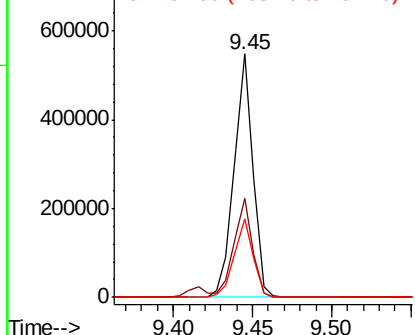
#47  
 2-Chloronaphthalene  
 Concen: 40.776 ng  
 RT: 9.45 min Scan# 1251  
 Delta R.T. -0.00 min  
 Lab File: BF110516.D  
 Acq: 6 Nov 2018 15:45

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 40.5  | 32.6  | 48.8  |
| 164     | 32.2  | 25.9  | 38.9  |

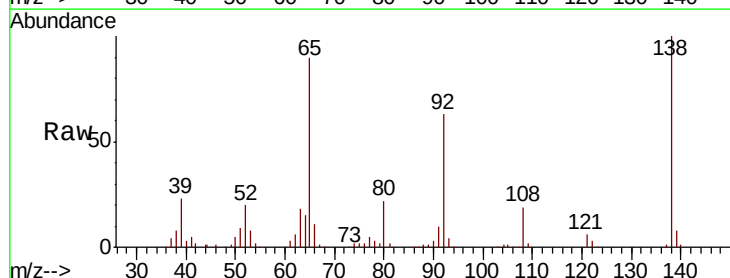


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

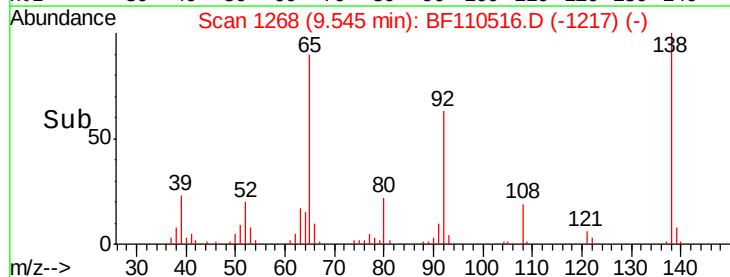
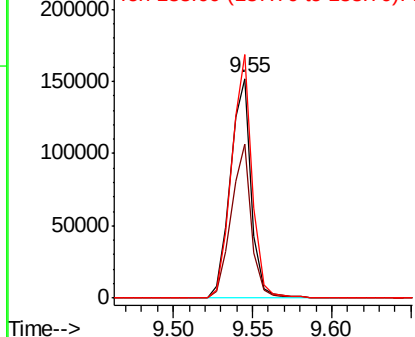


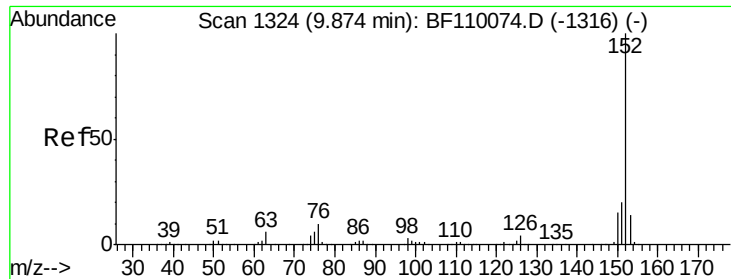
#48  
 2-Nitroaniline  
 Concen: 41.062 ng  
 RT: 9.55 min Scan# 1268  
 Delta R.T. -0.00 min  
 Lab File: BF110516.D  
 Acq: 6 Nov 2018 15:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 69.9  | 54.6  | 81.8  |
| 138     | 110.9 | 80.3  | 120.5 |



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: 40.633 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

Instrument :

BNA\_F

ClientSampleId :

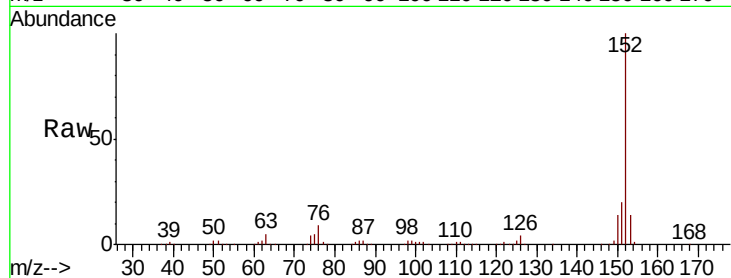
Tot Ion:152 Resp: 653566

Ion Ratio Lower Upper

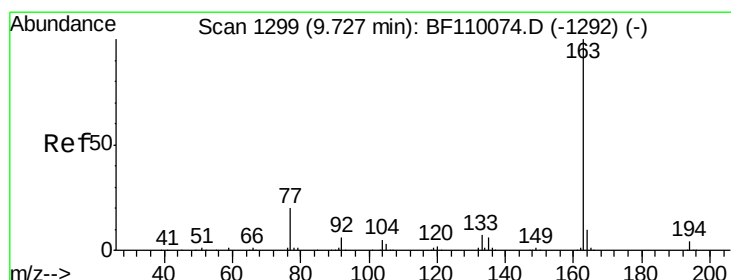
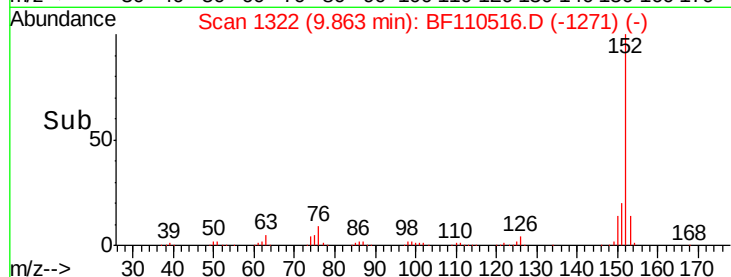
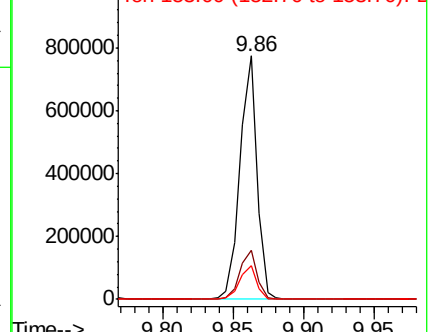
152 100

151 20.1 15.8 23.8

153 13.9 10.4 15.6



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: 40.104 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

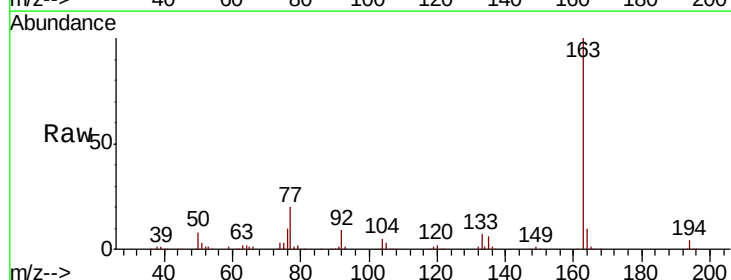
Tgt Ion:163 Resp: 496995

Ion Ratio Lower Upper

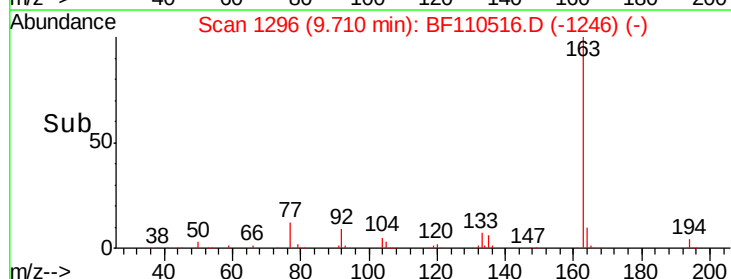
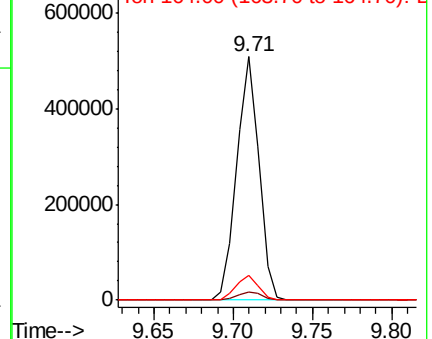
163 100

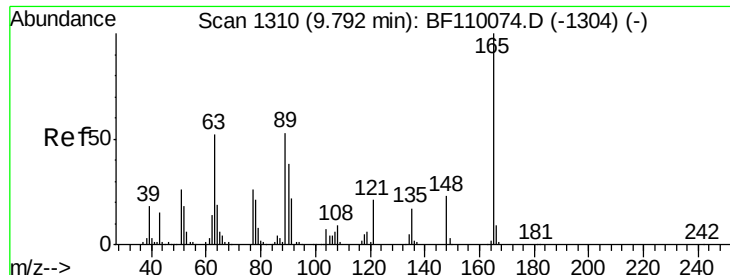
194 3.5 3.2 4.8

164 10.2 8.1 12.1



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

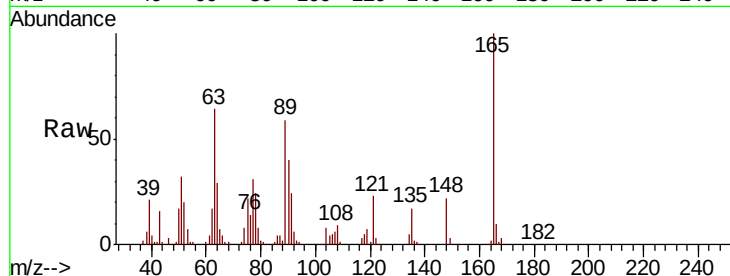




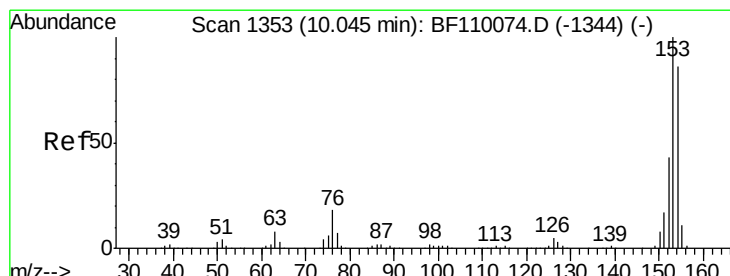
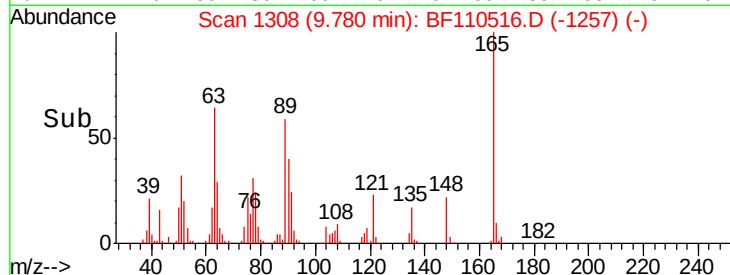
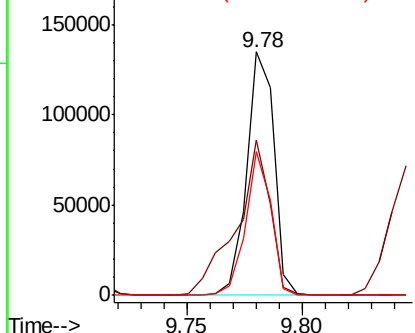
#51  
2,6-Dinitrotoluene  
Concen: 41.928 ng  
RT: 9.78 min Scan# 1308  
Delta R.T. -0.00 min  
Lab File: BF110516.D  
Acq: 6 Nov 2018 15:45

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:165 Resp: 111923  
Ion Ratio Lower Upper  
165 100  
63 63.9 48.9 73.3  
89 59.3 46.6 69.8

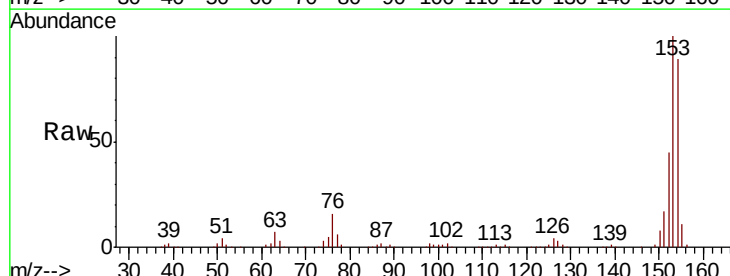


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1

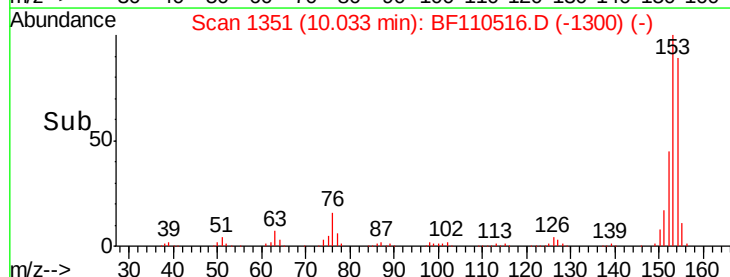
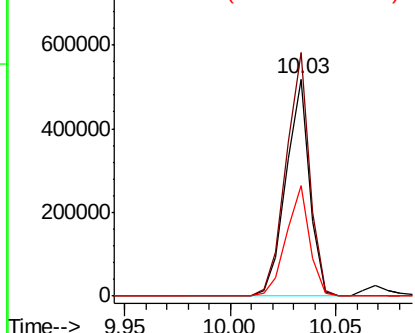


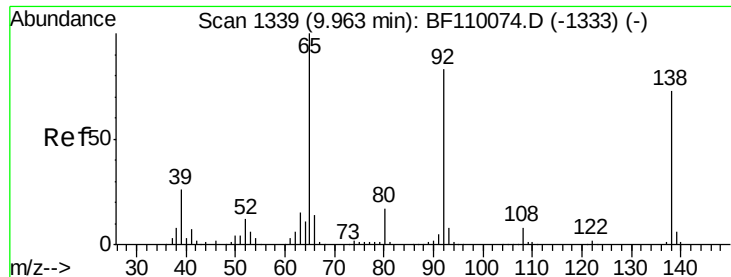
#52  
Acenaphthene  
Concen: 38.020 ng  
RT: 10.03 min Scan# 1351  
Delta R.T. -0.00 min  
Lab File: BF110516.D  
Acq: 6 Nov 2018 15:45

Tgt Ion:154 Resp: 404553  
Ion Ratio Lower Upper  
154 100  
153 112.2 90.1 135.1  
152 50.9 43.4 65.2



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

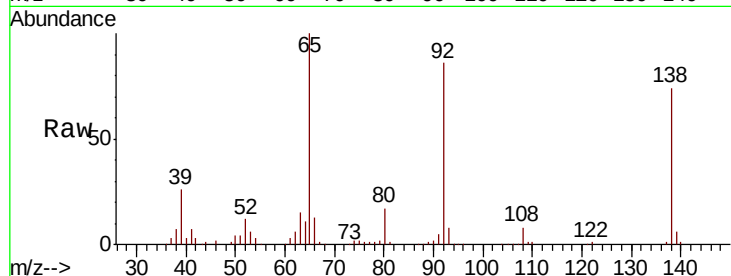




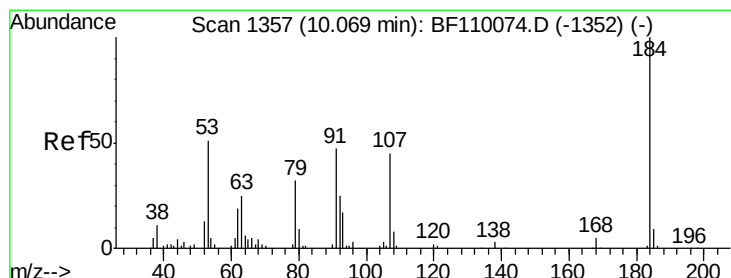
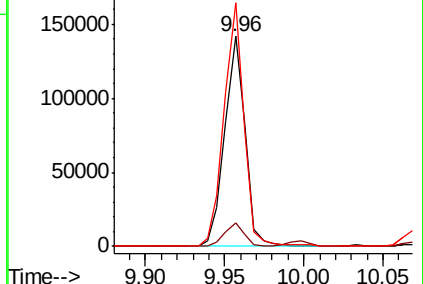
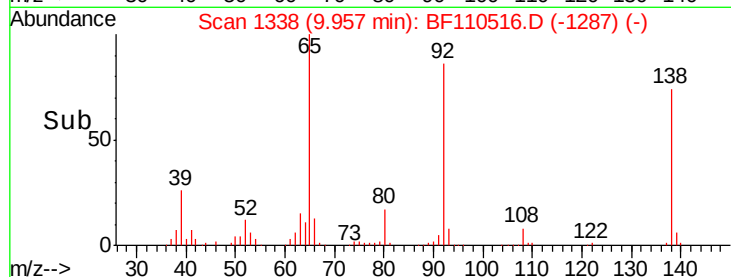
#53  
3-Nitroaniline  
Concen: 39.925 ng  
RT: 9.96 min Scan# 1338  
Delta R.T. -0.00 min  
Lab File: BF110516.D  
Acq: 6 Nov 2018 15:45

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:138 Resp: 126740  
Ion Ratio Lower Upper  
138 100  
108 10.9 8.7 13.1  
92 115.9 97.0 145.4

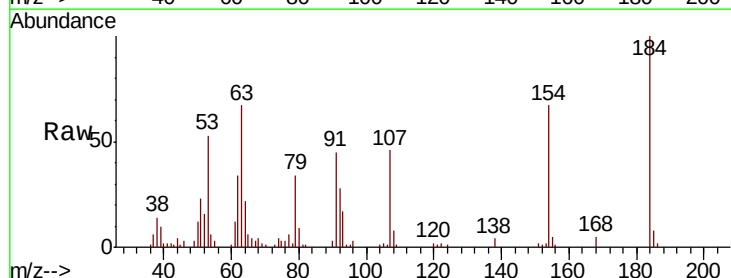


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

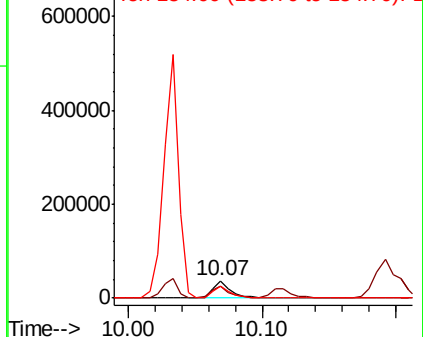
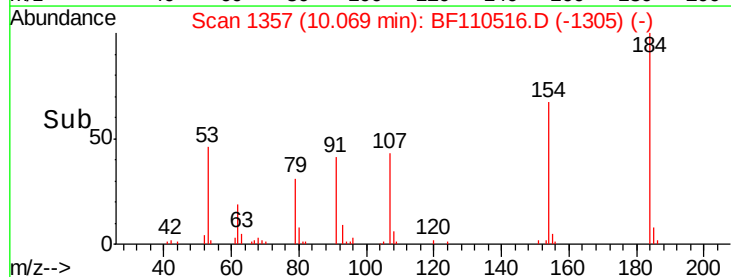


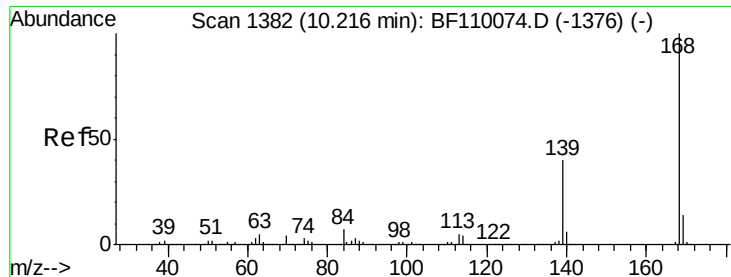
#54  
2,4-Dinitrophenol  
Concen: 37.971 ng  
RT: 10.07 min Scan# 1357  
Delta R.T. 0.01 min  
Lab File: BF110516.D  
Acq: 6 Nov 2018 15:45

Tgt Ion:184 Resp: 37148  
Ion Ratio Lower Upper  
184 100  
63 66.8 55.8 83.6  
154 66.8 63.2 94.8



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

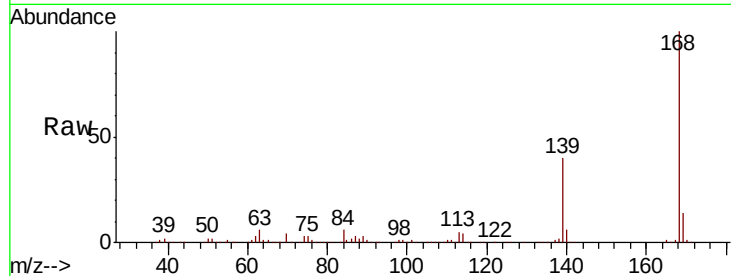




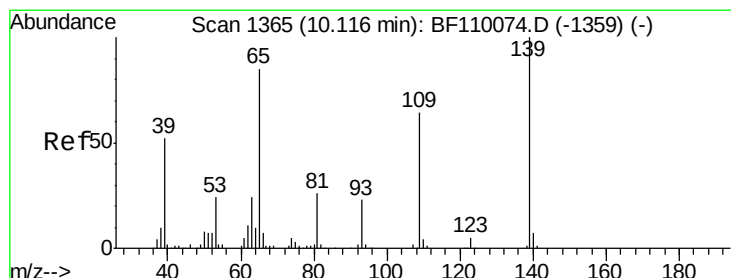
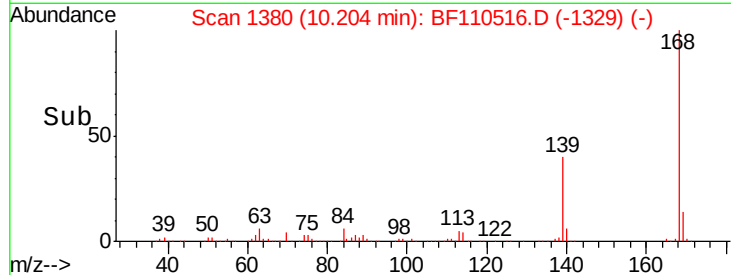
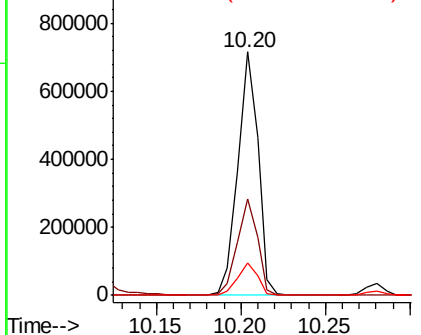
#55  
Dibenzenofuran  
Concen: 40.020 ng  
RT: 10.20 min Scan# 1380  
Delta R.T. -0.00 min  
Lab File: BF110516.D  
Acq: 6 Nov 2018 15:45

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:168 Resp: 596217  
Ion Ratio Lower Upper  
168 100  
139 39.6 33.0 49.6  
169 13.6 11.3 16.9

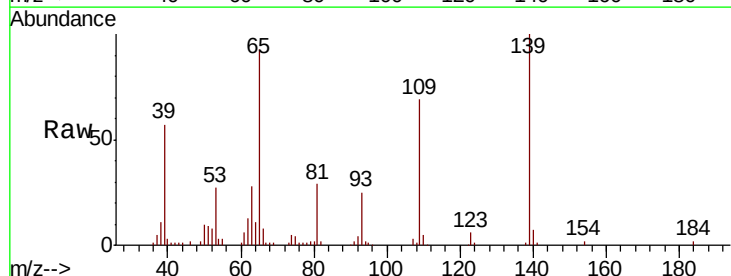


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

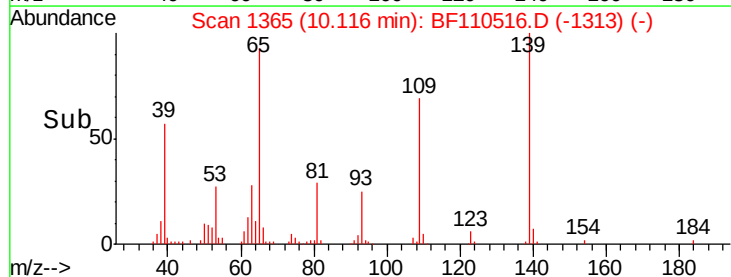
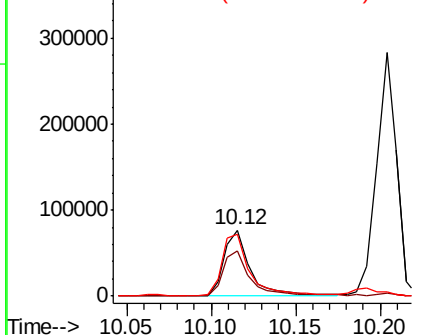


#56  
4-Nitrophenol  
Concen: 36.194 ng  
RT: 10.12 min Scan# 1365  
Delta R.T. 0.01 min  
Lab File: BF110516.D  
Acq: 6 Nov 2018 15:45

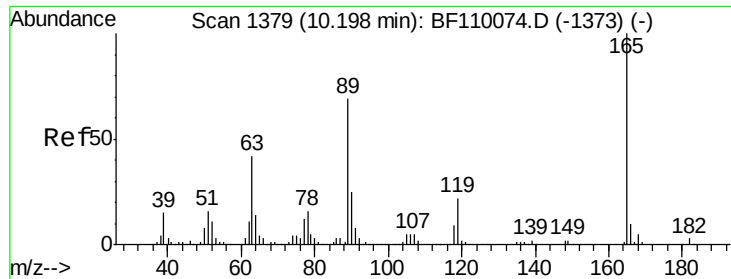
Tgt Ion:139 Resp: 85036  
Ion Ratio Lower Upper  
139 100  
109 68.8 55.8 95.8  
65 92.7 77.9 117.9



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



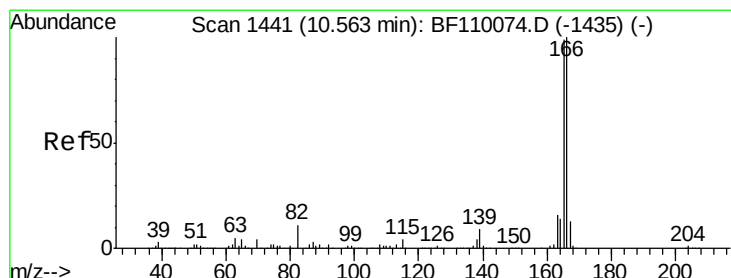
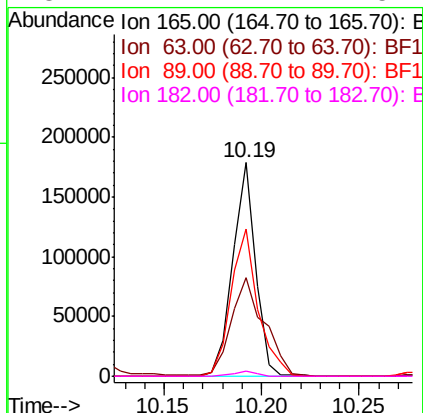
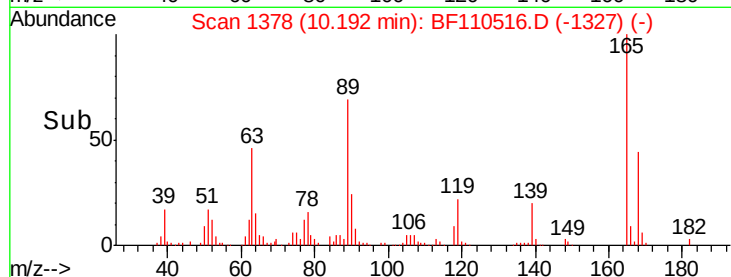
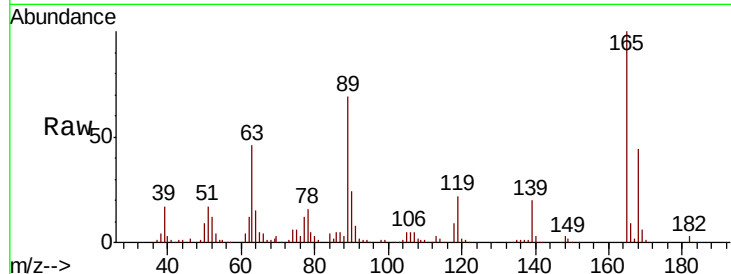




#57  
2,4-Dinitrotoluene  
Concen: 42.707 ng  
RT: 10.19 min Scan# 1378  
Delta R.T. -0.00 min  
Lab File: BF110516.D  
Acq: 6 Nov 2018 15:45

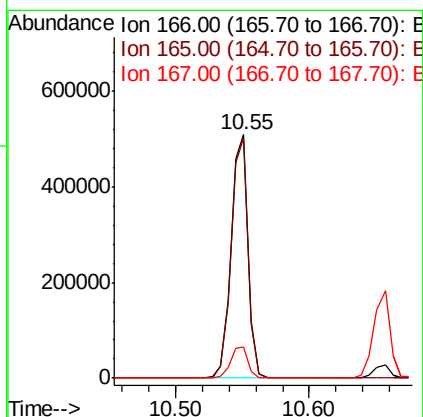
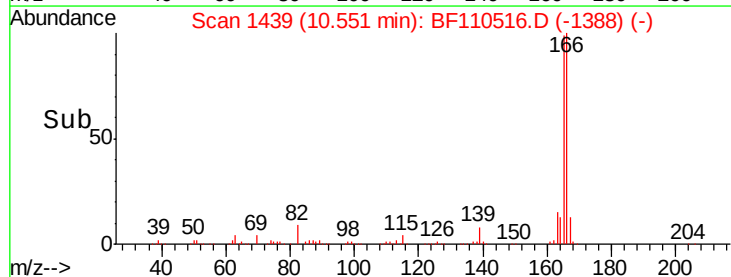
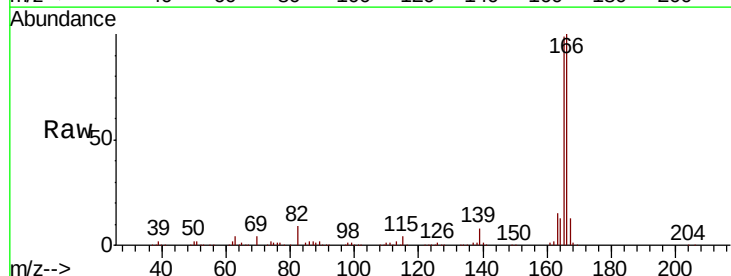
Instrument :  
BNA\_F  
ClientSampleId :

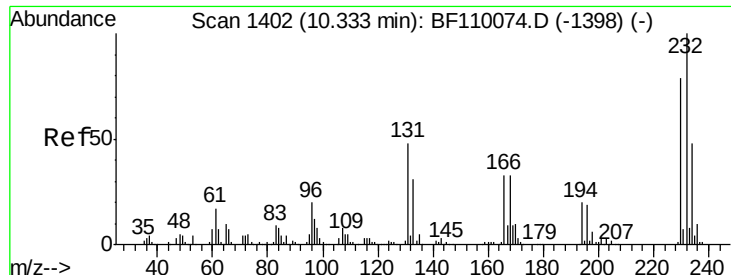
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 46.1  | 44.8  | 67.2  |
| 89      | 69.1  | 62.2  | 93.4  |
| 182     | 2.7   | 2.1   | 3.1   |



#58  
Fluorene  
Concen: 41.135 ng  
RT: 10.55 min Scan# 1439  
Delta R.T. -0.00 min  
Lab File: BF110516.D  
Acq: 6 Nov 2018 15:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.7  | 78.6  | 117.8 |
| 167     | 12.9  | 10.8  | 16.2  |

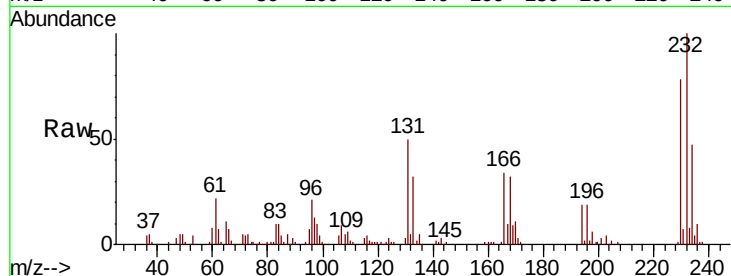




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 40.665 ng  
 RT: 10.32 min Scan# 1400  
 Delta R.T. -0.00 min  
 Lab File: BF110516.D  
 Acq: 6 Nov 2018 15:45

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 47.8  | 37.0  | 55.4  |
| 130     | 2.5   | 1.8   | 2.6   |
| 166     | 32.6  | 22.0  | 33.0  |



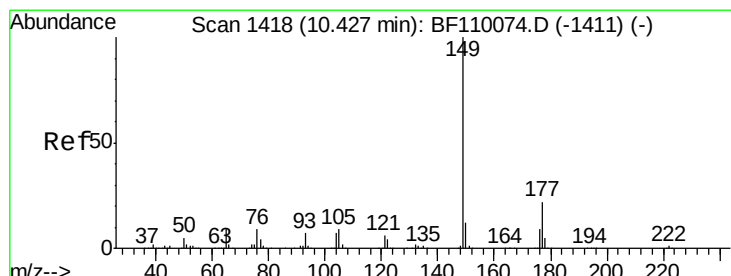
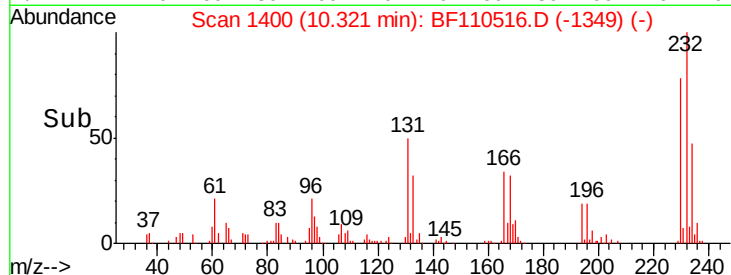
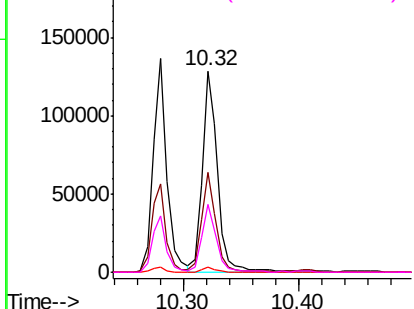
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

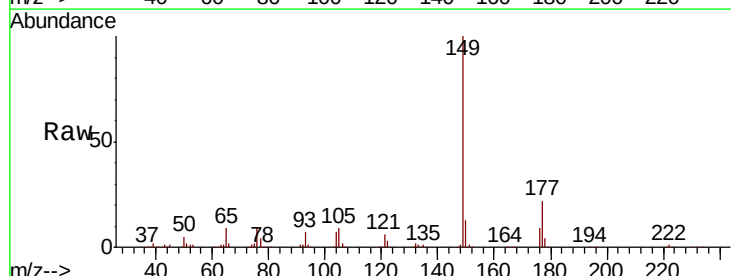
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
 Diethylphthalate  
 Concen: 40.226 ng  
 RT: 10.41 min Scan# 1415  
 Delta R.T. -0.00 min  
 Lab File: BF110516.D  
 Acq: 6 Nov 2018 15:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 22.4  | 17.4  | 26.2  |
| 150     | 12.6  | 9.8   | 14.8  |

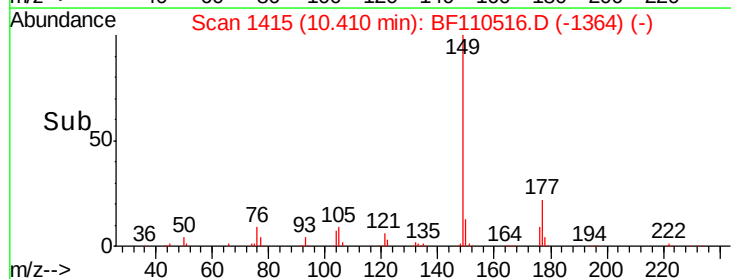
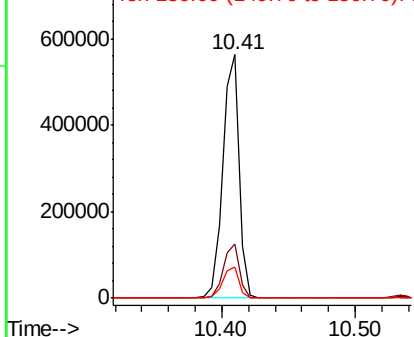


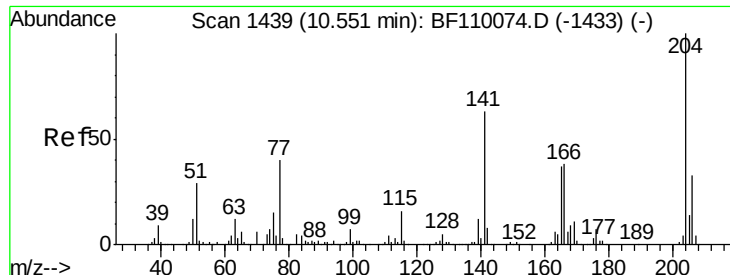
Abundance

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

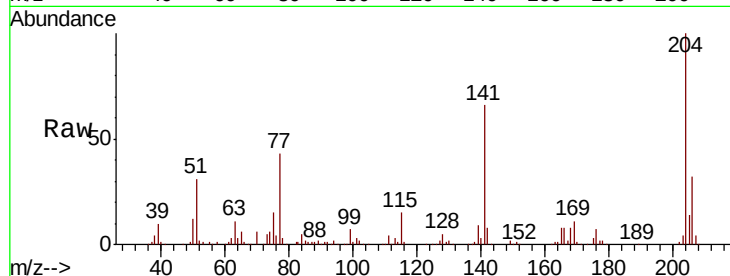




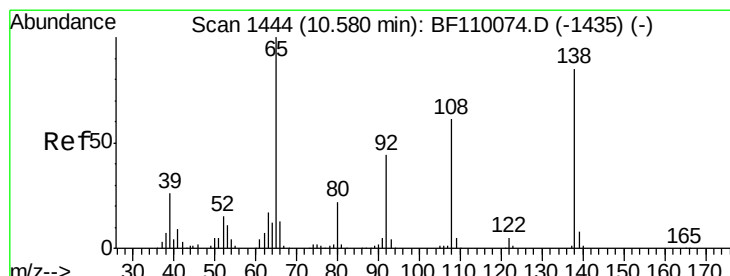
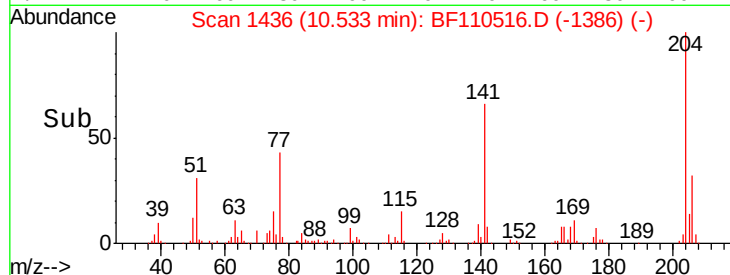
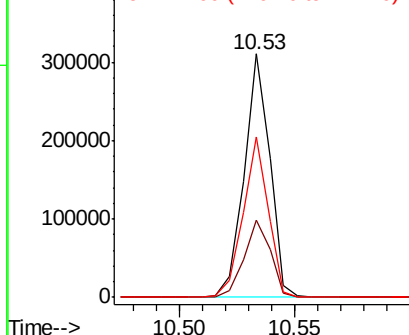
#61  
4-Chlorophenyl-phenylether  
Concen: 41.115 ng  
RT: 10.53 min Scan# 1436  
Delta R.T. -0.01 min  
Lab File: BF110516.D  
Acq: 6 Nov 2018 15:45

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:204 Resp: 240485  
Ion Ratio Lower Upper  
204 100  
206 31.5 26.5 39.7  
141 65.7 51.8 77.8

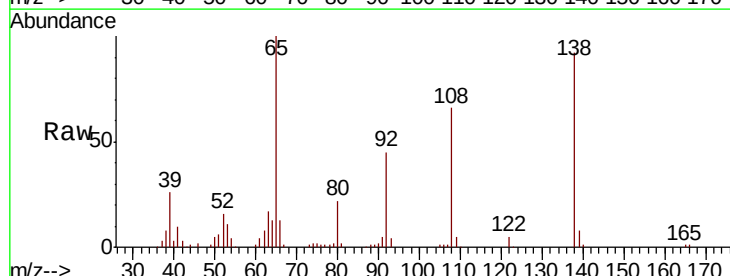


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

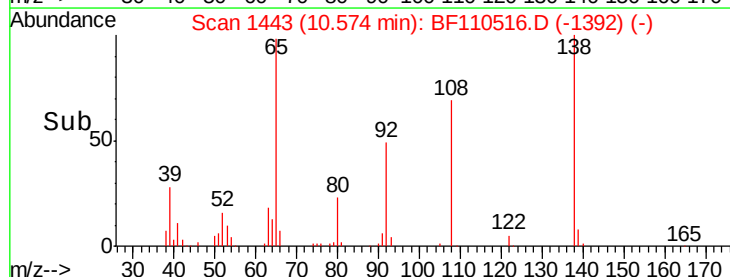
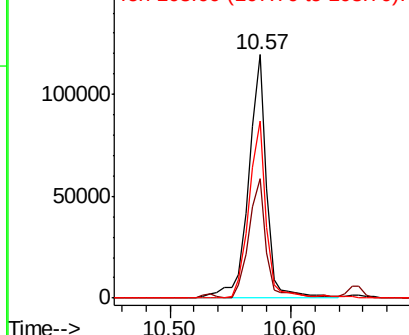


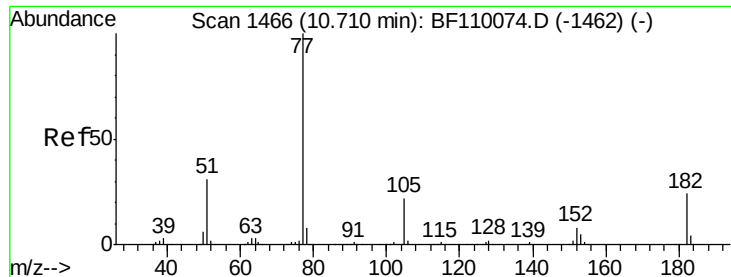
#62  
4-Nitroaniline  
Concen: 39.749 ng  
RT: 10.57 min Scan# 1443  
Delta R.T. -0.00 min  
Lab File: BF110516.D  
Acq: 6 Nov 2018 15:45

Tgt Ion:138 Resp: 125501  
Ion Ratio Lower Upper  
138 100  
92 48.8 31.7 71.7  
108 72.5 59.3 99.3



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: 40.380 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

Instrument :

BNA\_F

ClientSampleId :

Tot Ion: 77 Resp: 484880

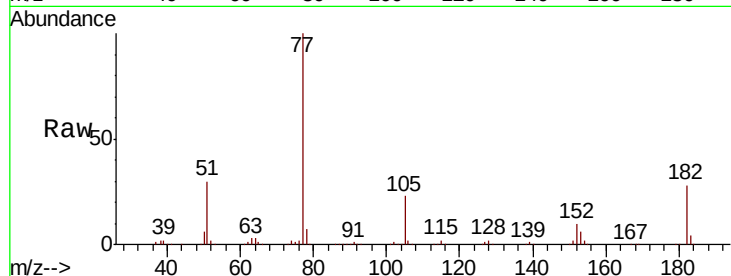
Ion Ratio Lower Upper

77 100

182 27.9 4.3 44.3

105 23.2 1.3 41.3

51 30.4 9.0 49.0

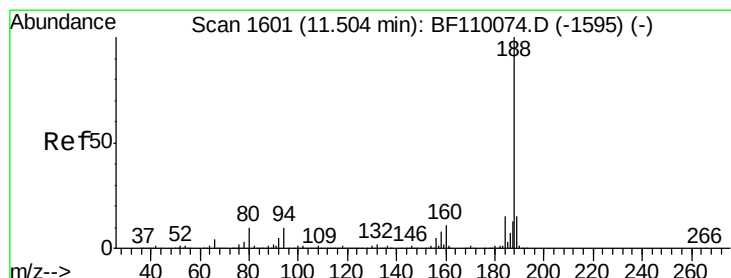
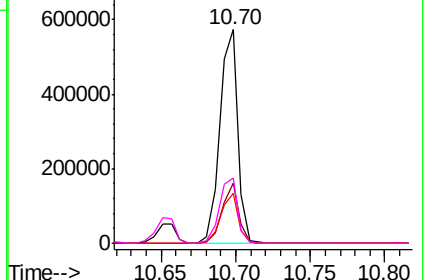
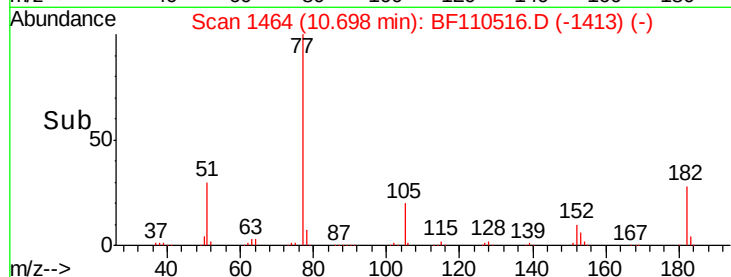


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

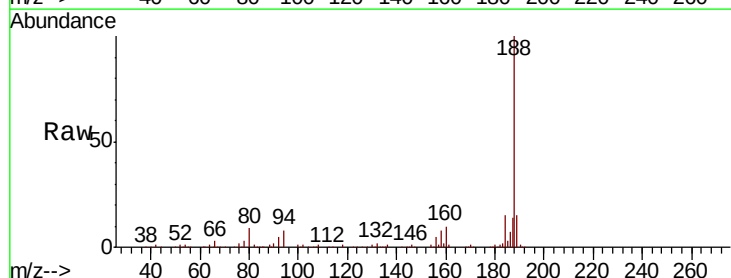
Tgt Ion: 188 Resp: 313573

Ion Ratio Lower Upper

188 100

94 8.3 7.2 10.8

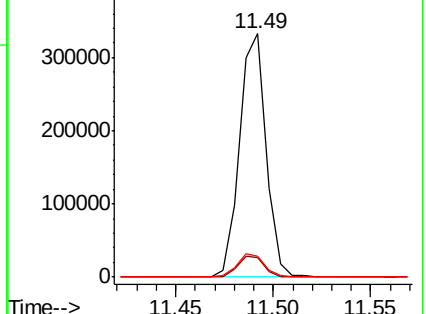
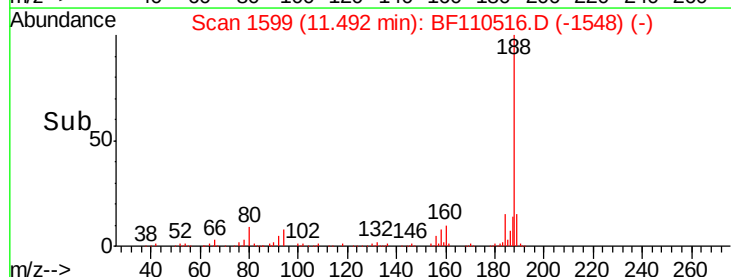
80 8.8 7.9 11.9

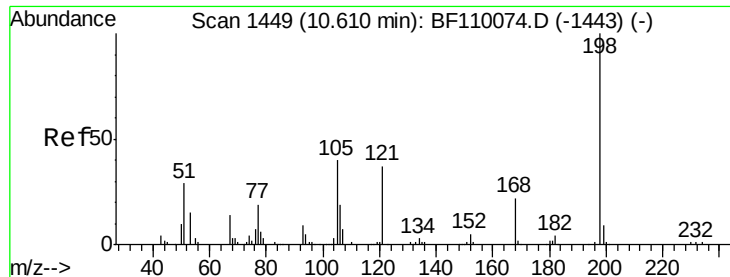


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 40.764 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

Instrument :

BNA\_F

ClientSampleId :

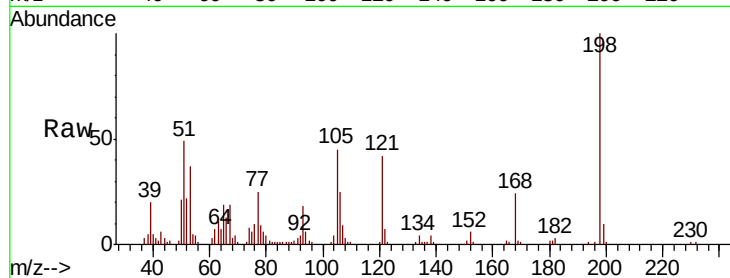
Tot Ion:198 Resp: 58399

Ion Ratio Lower Upper

198 100

51 48.5 22.8 62.8

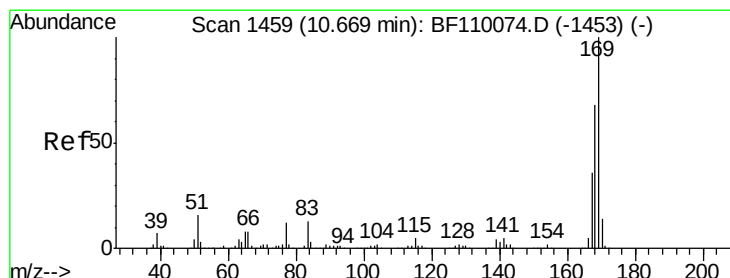
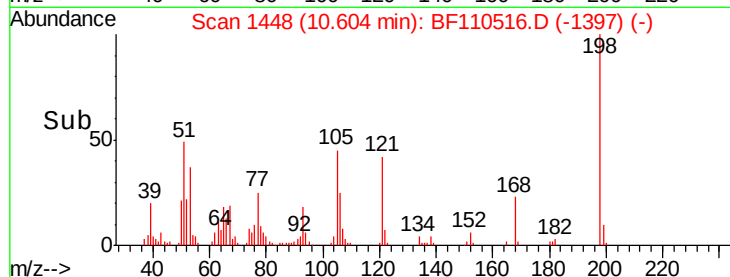
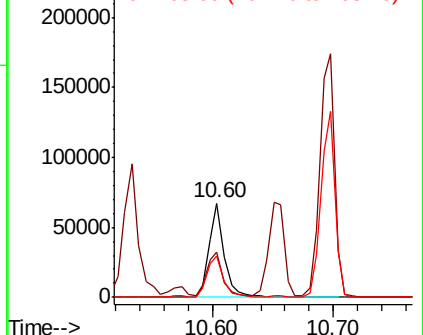
105 44.6 23.6 63.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.543 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

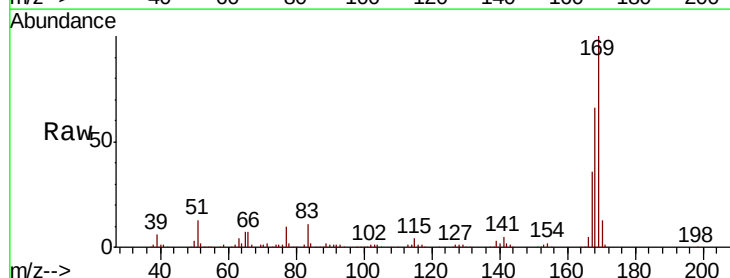
Tgt Ion:169 Resp: 427278

Ion Ratio Lower Upper

169 100

168 65.9 51.2 76.8

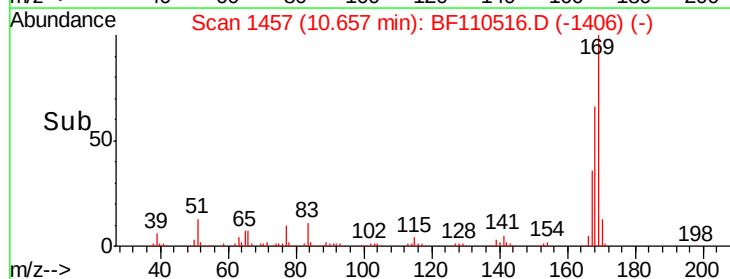
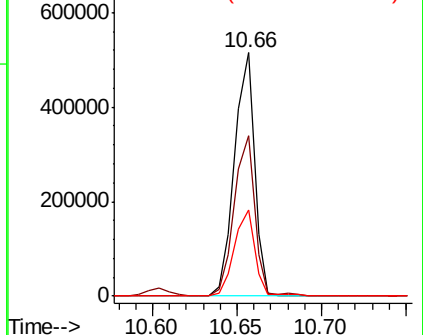
167 35.6 27.8 41.6

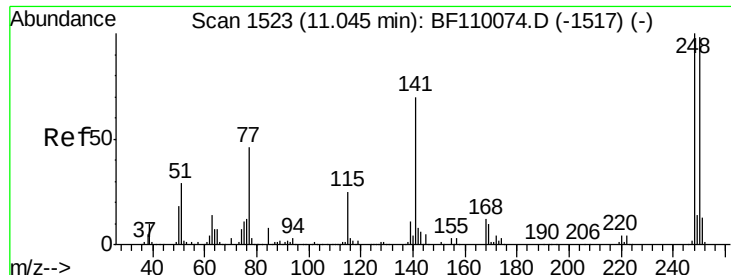


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

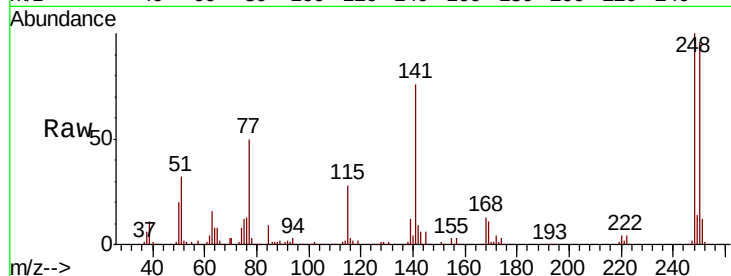




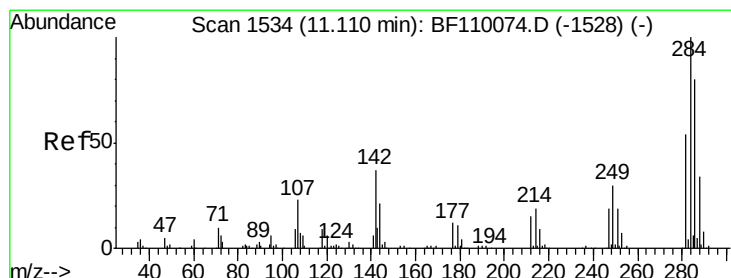
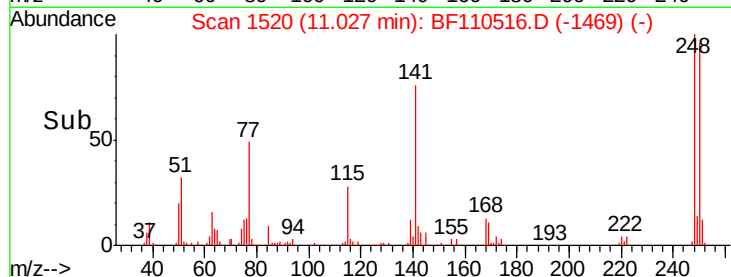
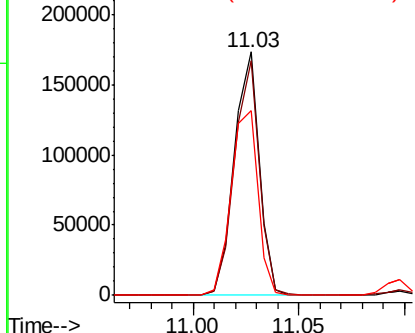
#67  
4-Bromophenyl-phenylether  
Concen: 41.518 ng  
RT: 11.03 min Scan# 1520  
Delta R.T. -0.00 min  
Lab File: BF110516.D  
Acq: 6 Nov 2018 15:45

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:248 Resp: 141219  
Ion Ratio Lower Upper  
248 100  
250 96.4 79.4 119.2  
141 76.1 55.9 83.9

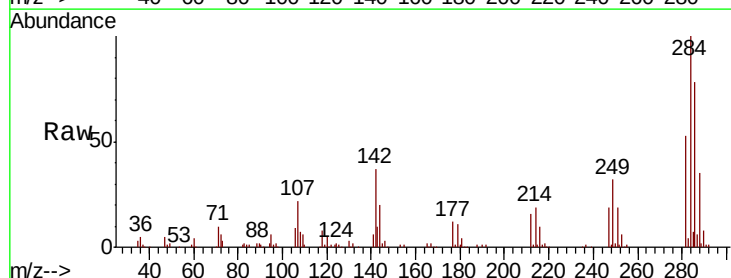


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

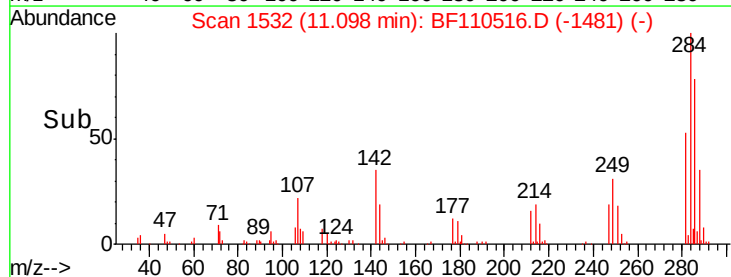
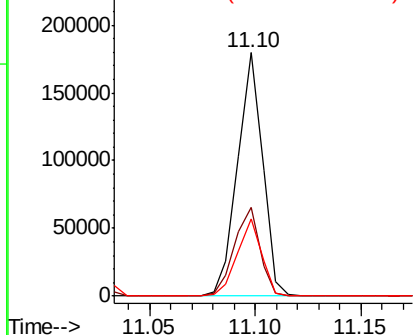


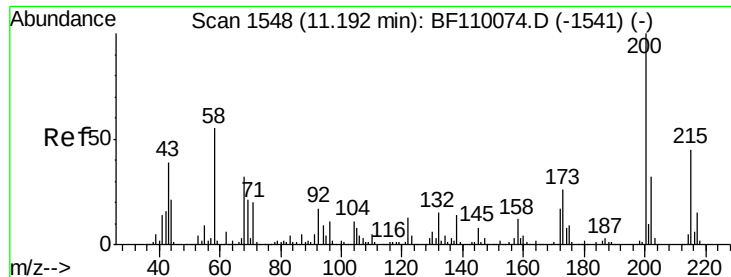
#68  
Hexachlorobenzene  
Concen: 40.870 ng  
RT: 11.10 min Scan# 1532  
Delta R.T. -0.00 min  
Lab File: BF110516.D  
Acq: 6 Nov 2018 15:45

Tgt Ion:284 Resp: 147496  
Ion Ratio Lower Upper  
284 100  
142 36.7 23.9 35.9#  
249 32.0 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

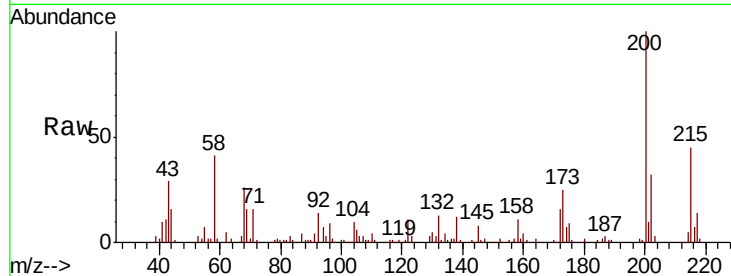




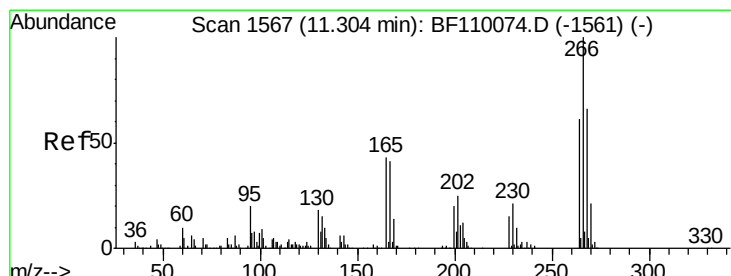
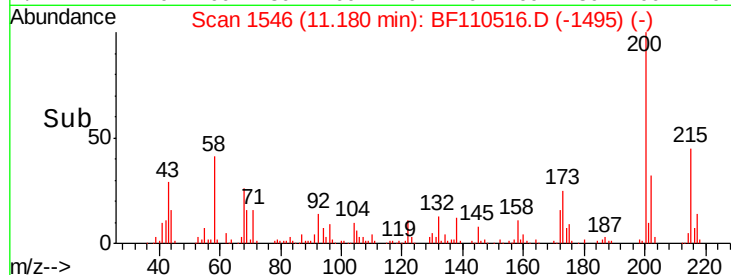
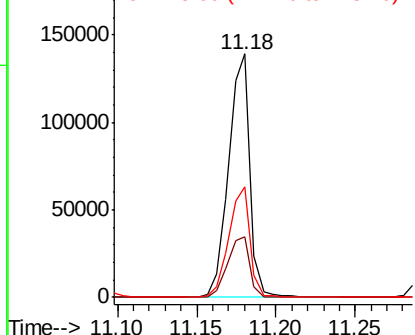
#69  
Atrazine  
Concen: 39.737 ng  
RT: 11.18 min Scan# 1546  
Delta R.T. -0.00 min  
Lab File: BF110516.D  
Acq: 6 Nov 2018 15:45

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:200 Resp: 129160  
Ion Ratio Lower Upper  
200 100  
173 25.1 6.6 46.6  
215 45.4 26.3 66.3

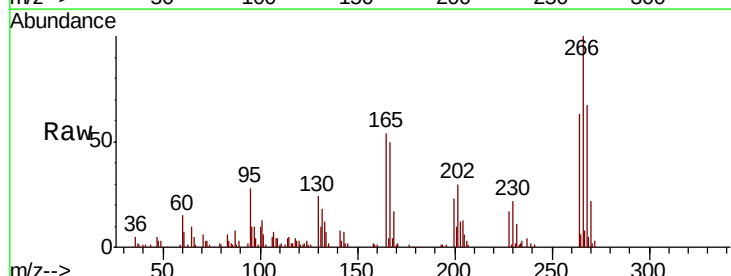


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

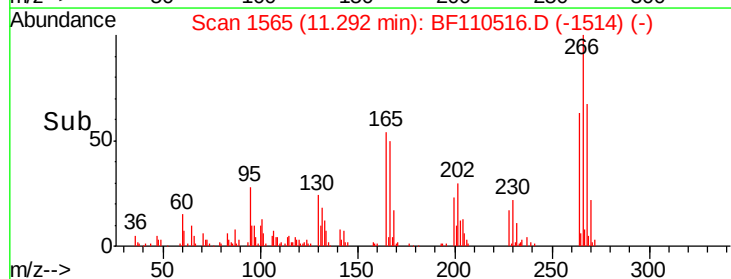
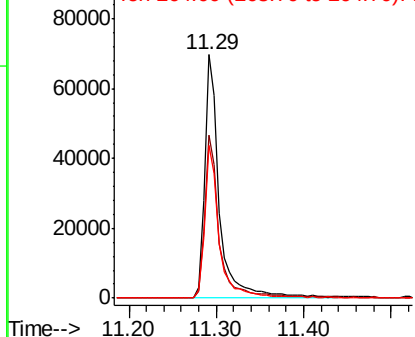


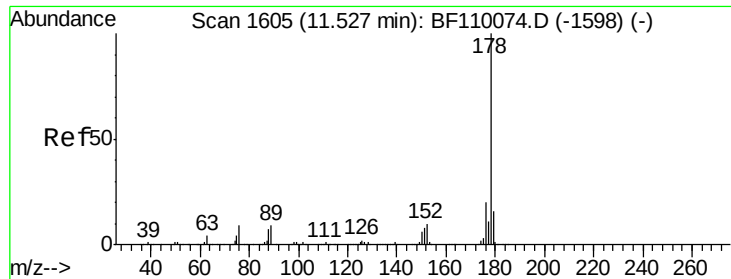
#70  
Pentachlorophenol  
Concen: 38.806 ng  
RT: 11.29 min Scan# 1565  
Delta R.T. -0.00 min  
Lab File: BF110516.D  
Acq: 6 Nov 2018 15:45

Tgt Ion:266 Resp: 81664  
Ion Ratio Lower Upper  
266 100  
268 67.1 50.6 75.8  
264 62.6 50.6 75.8



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: 40.612 ng

RT: 11.52 min Scan# 1603

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

Instrument :

BNA\_F

ClientSampled :

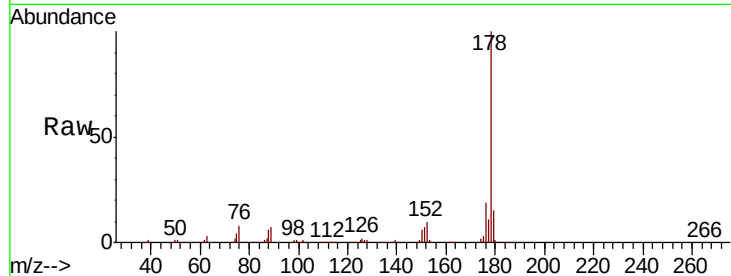
Tot Ion:178 Resp: 666340

Ion Ratio Lower Upper

178 100

176 18.6 15.5 23.3

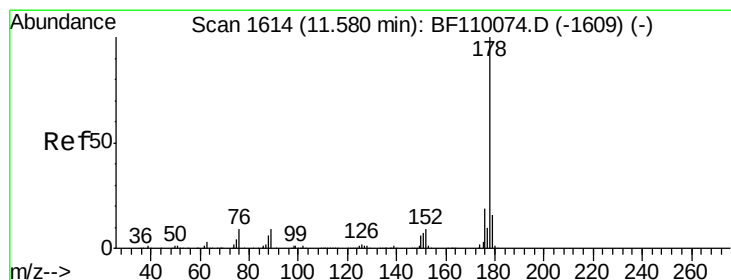
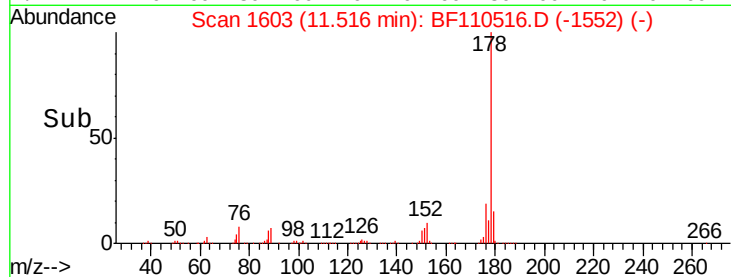
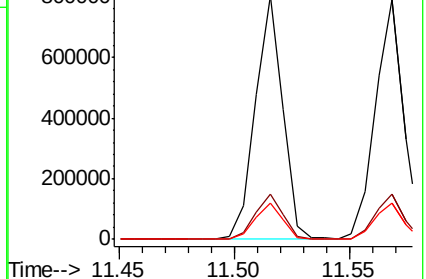
179 15.1 12.5 18.7



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



#72

Anthracene

Concen: 41.035 ng

RT: 11.57 min Scan# 1612

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

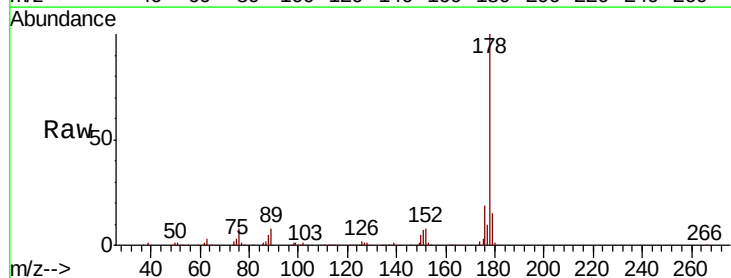
Tgt Ion:178 Resp: 674862

Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.2

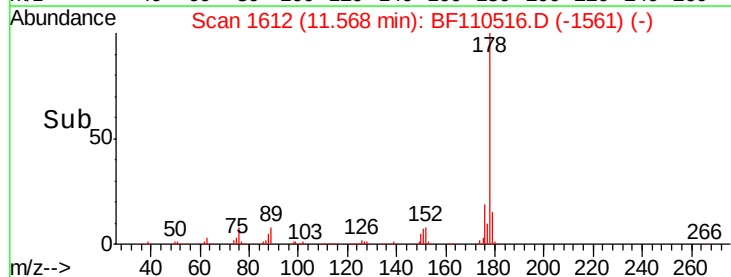
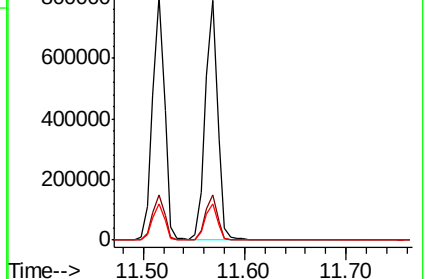
179 15.4 12.6 18.8



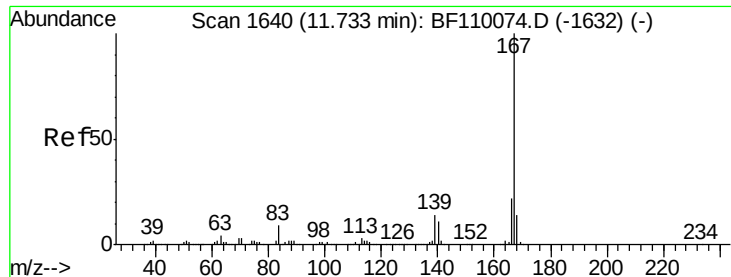
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



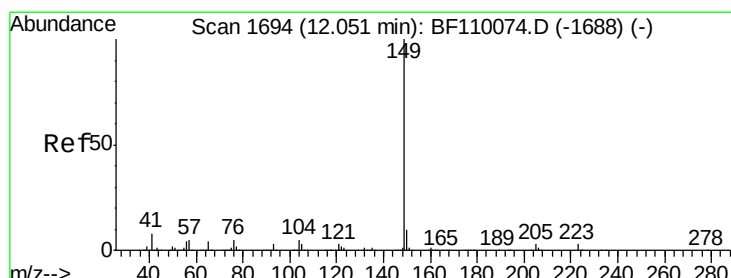
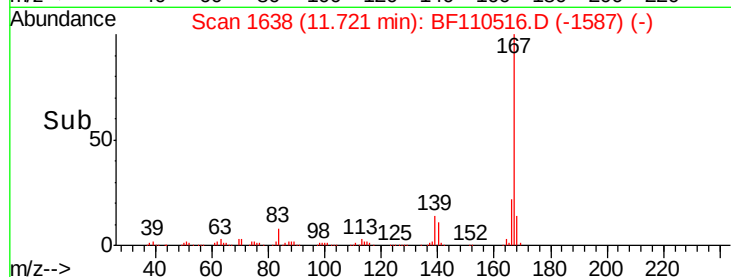
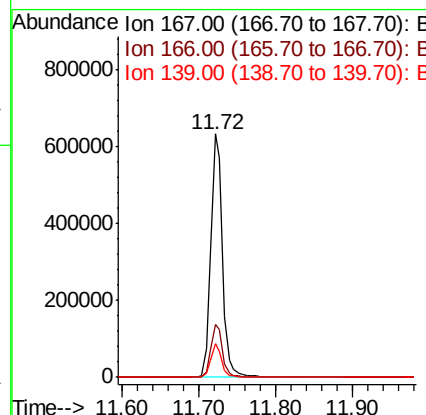
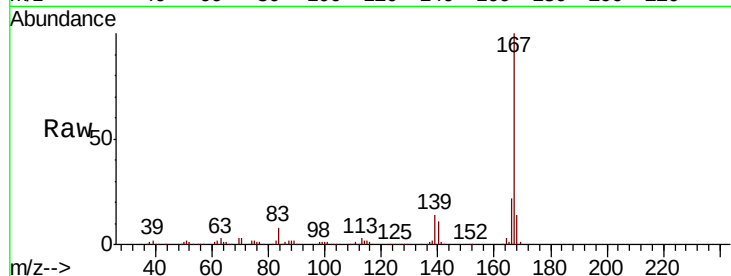




#73  
 Carbazole  
 Concen: 41.188 ng  
 RT: 11.72 min Scan# 1638  
 Delta R.T. -0.00 min  
 Lab File: BF110516.D  
 Acq: 6 Nov 2018 15:45

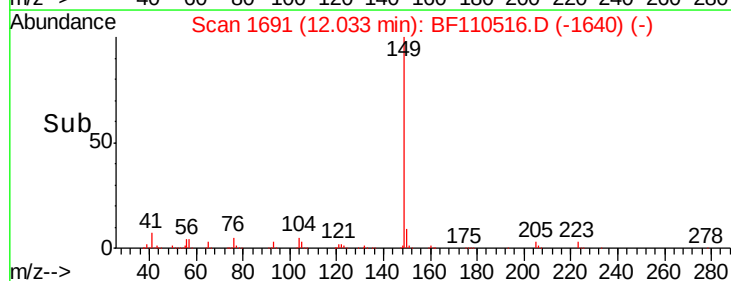
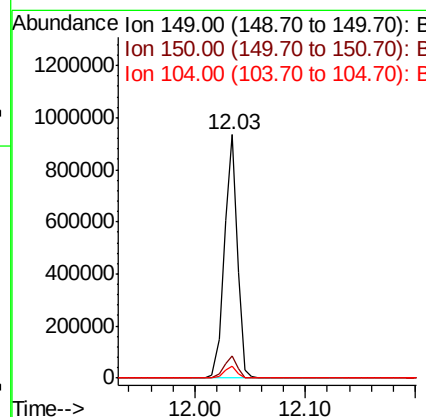
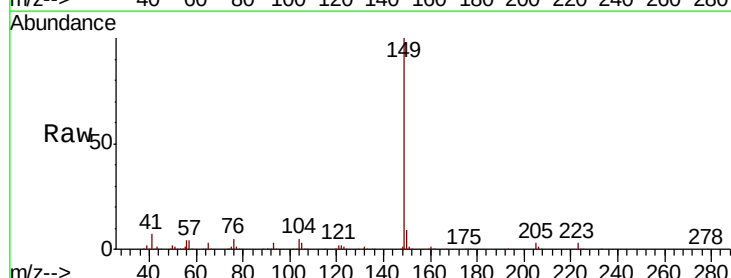
Instrument :  
 BNA\_F  
 ClientSampleId :

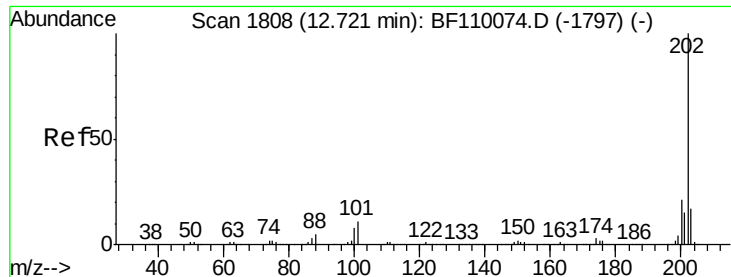
Tot Ion:167 Resp: 661388  
 Ion Ratio Lower Upper  
 167 100  
 166 21.9 17.4 26.0  
 139 13.7 10.9 16.3



#74  
 Di-n-butylphthalate  
 Concen: 41.896 ng  
 RT: 12.03 min Scan# 1691  
 Delta R.T. -0.00 min  
 Lab File: BF110516.D  
 Acq: 6 Nov 2018 15:45

Tgt Ion:149 Resp: 759817  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.7 11.5  
 104 4.9 4.2 6.4

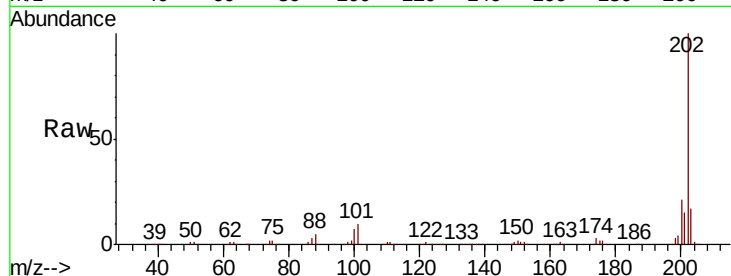




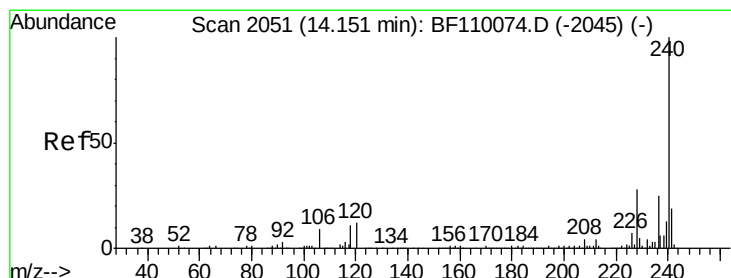
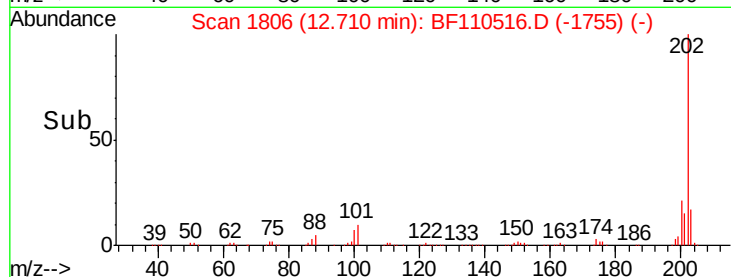
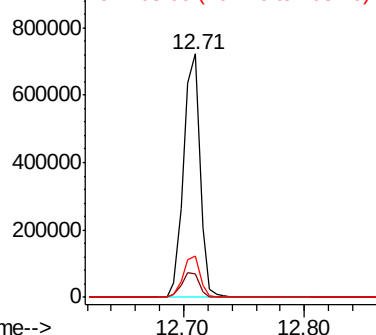
#75  
 Fluoranthene  
 Concen: 40.739 ng  
 RT: 12.71 min Scan# 1806  
 Delta R.T. -0.00 min  
 Lab File: BF110516.D  
 Acq: 6 Nov 2018 15:45

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:202 Resp: 678379  
 Ion Ratio Lower Upper  
 202 100  
 101 9.8 0.0 31.4  
 203 16.8 0.0 37.7

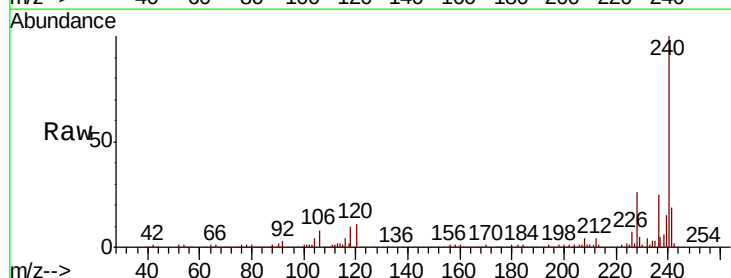


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 101.00 (100.70 to 101.70): E  
 Ion 203.00 (202.70 to 203.70): E

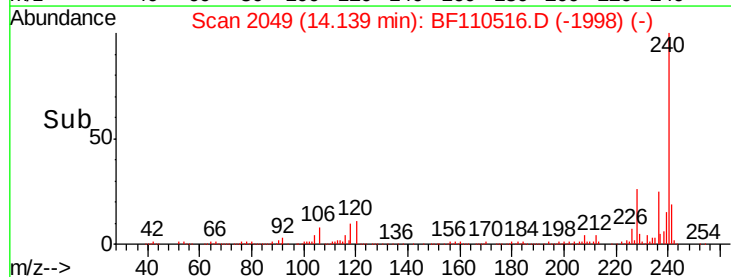
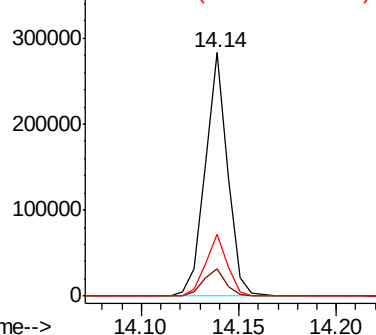


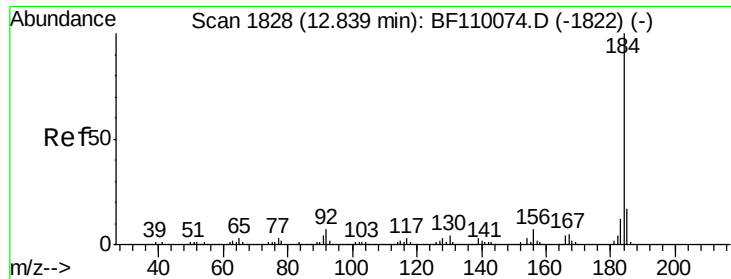
#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.14 min Scan# 2049  
 Delta R.T. -0.00 min  
 Lab File: BF110516.D  
 Acq: 6 Nov 2018 15:45

Tgt Ion:240 Resp: 224787  
 Ion Ratio Lower Upper  
 240 100  
 120 11.2 8.3 12.5  
 236 25.3 21.2 31.8



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: 56.110 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

Instrument :

BNA\_F

ClientSampleId :

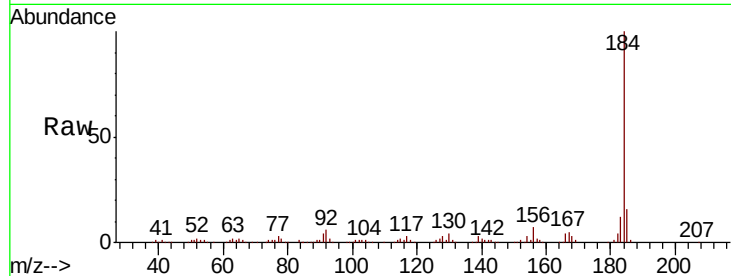
Tot Ion:184 Resp: 311348

Ion Ratio Lower Upper

184 100

185 15.5 13.4 20.2

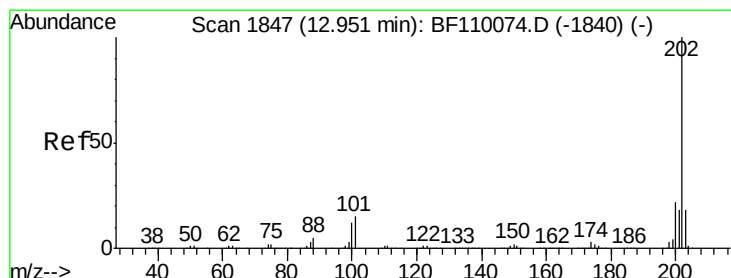
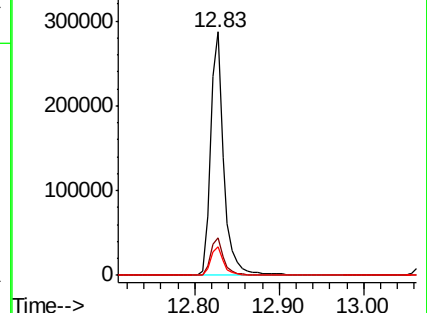
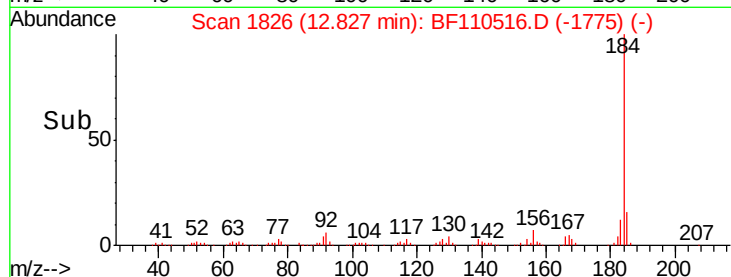
183 11.9 9.4 14.2



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: 42.787 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

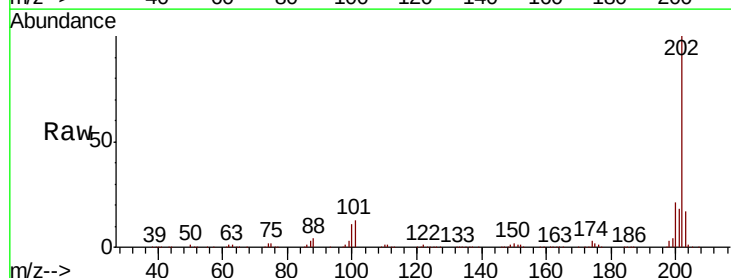
Tgt Ion:202 Resp: 689522

Ion Ratio Lower Upper

202 100

200 21.1 17.8 26.6

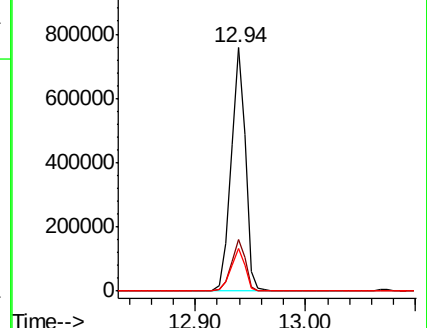
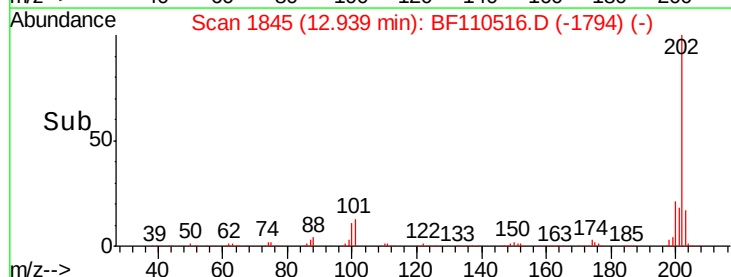
203 17.4 14.2 21.4

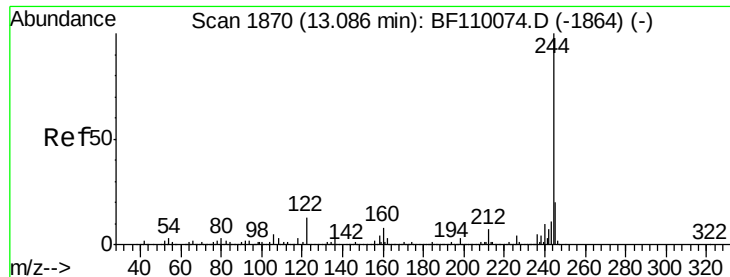


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.431 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

Instrument :

BNA\_F

ClientSampleId :

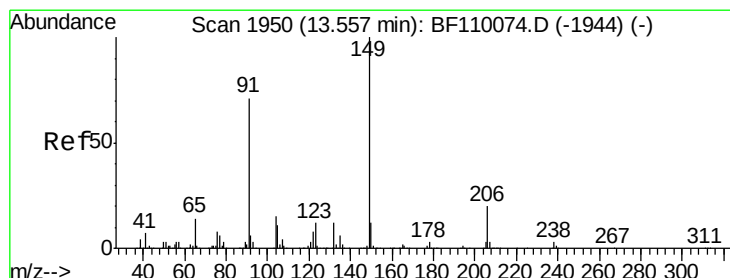
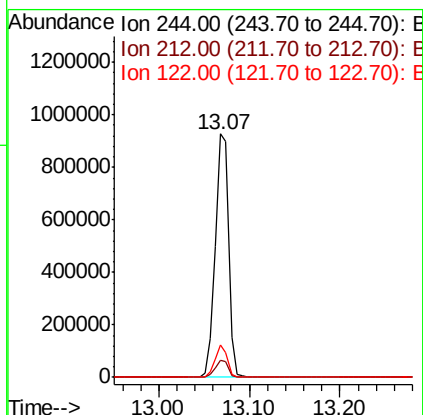
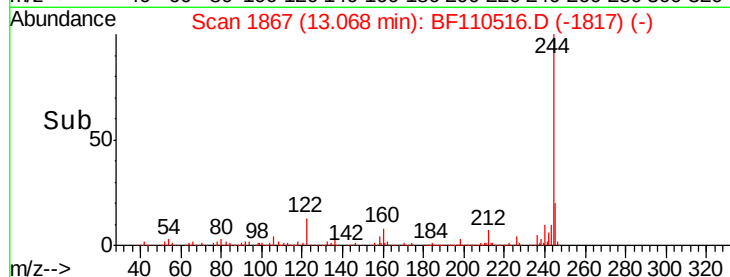
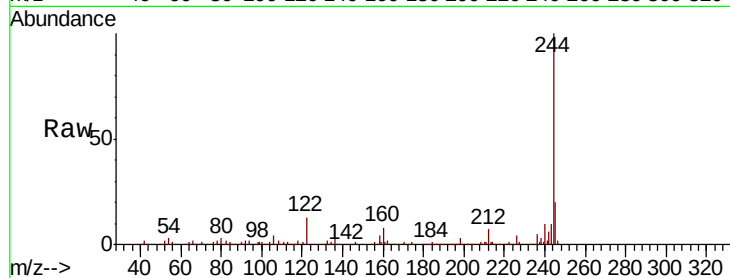
Tot Ion:244 Resp: 945008

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

122 13.4 8.7 13.1#



#80

Butylbenzylphthalate

Concen: 43.275 ng

RT: 13.53 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

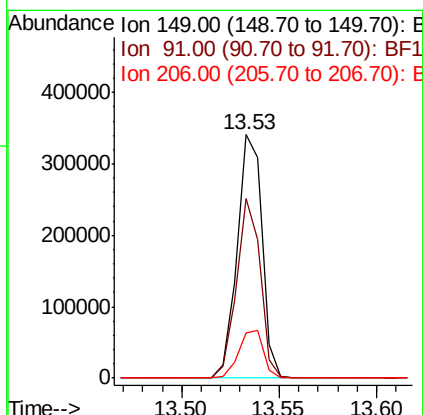
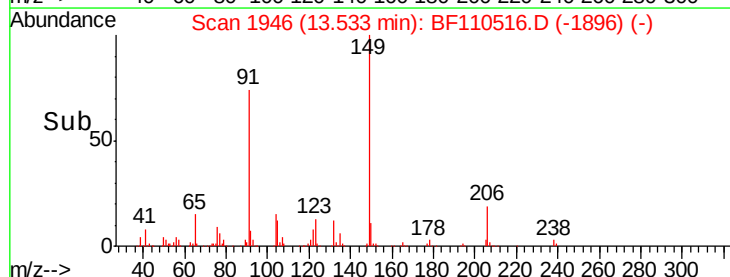
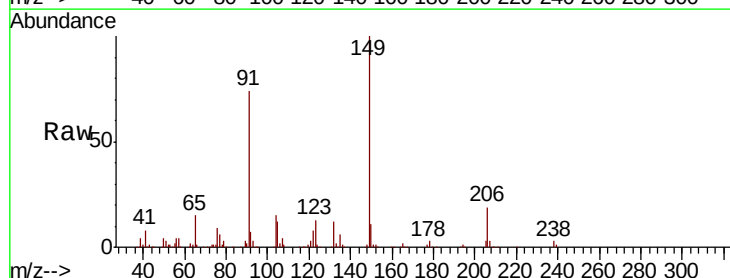
Tgt Ion:149 Resp: 302699

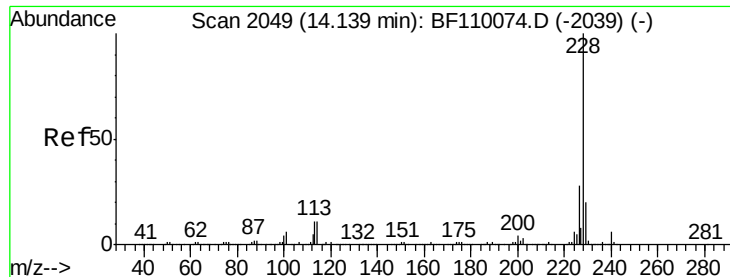
Ion Ratio Lower Upper

149 100

91 73.8 57.2 85.8

206 18.8 15.7 23.5





#81

Benzo(a)anthracene

Concen: 39.703 ng

RT: 14.13 min Scan# 2047

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

Instrument :

BNA\_F

ClientSampleId :

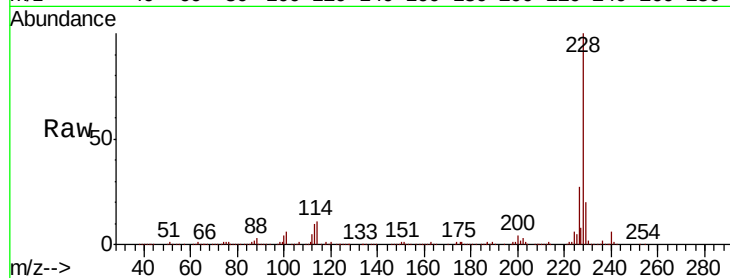
Tot Ion:228 Resp: 529251

Ion Ratio Lower Upper

228 100

226 27.5 22.1 33.1

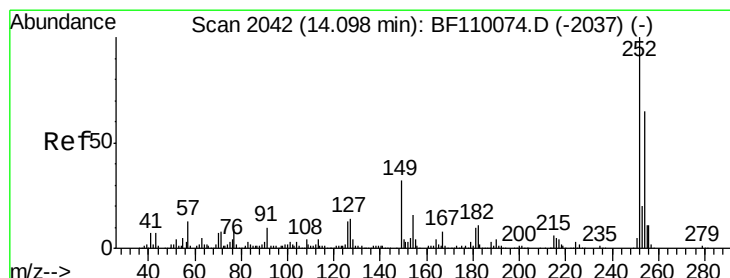
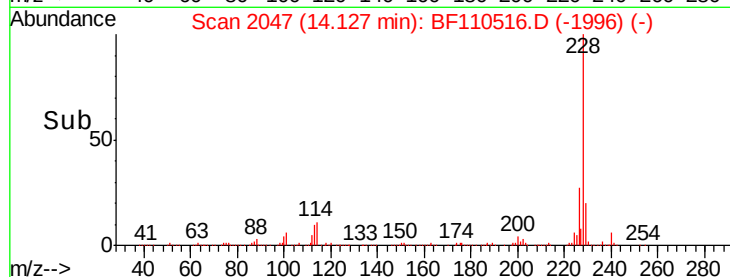
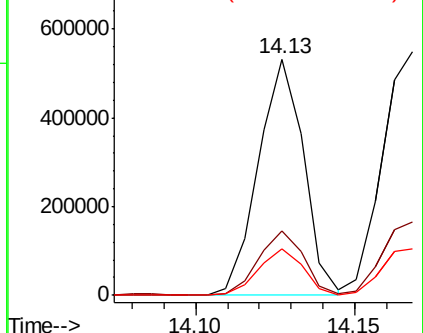
229 19.6 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.018 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

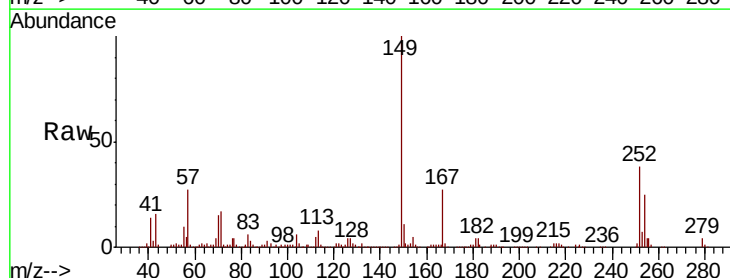
Tgt Ion:252 Resp: 176476

Ion Ratio Lower Upper

252 100

254 65.7 51.3 76.9

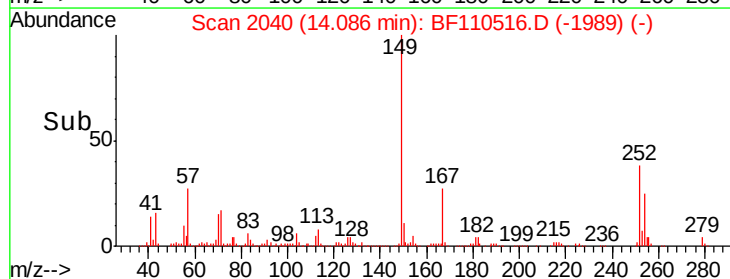
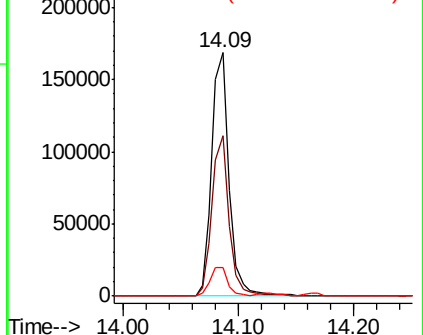
126 11.5 9.4 14.2

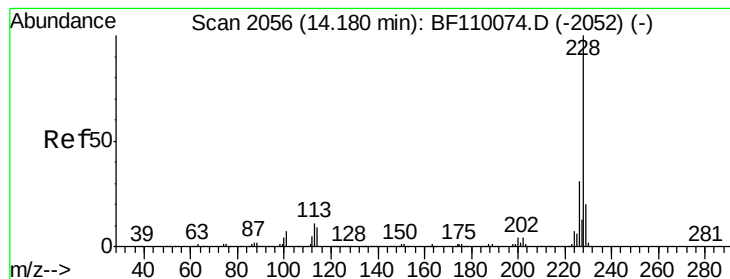


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.395 ng

RT: 14.17 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

Instrument :

BNA\_F

ClientSampleId :

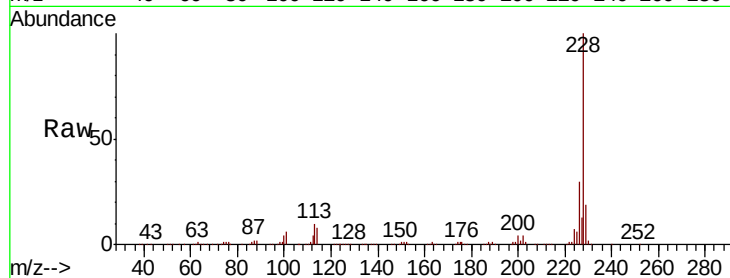
Tot Ion:228 Resp: 511454

Ion Ratio Lower Upper

228 100

226 30.0 24.7 37.1

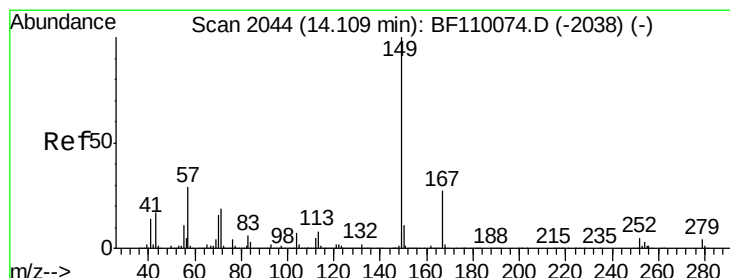
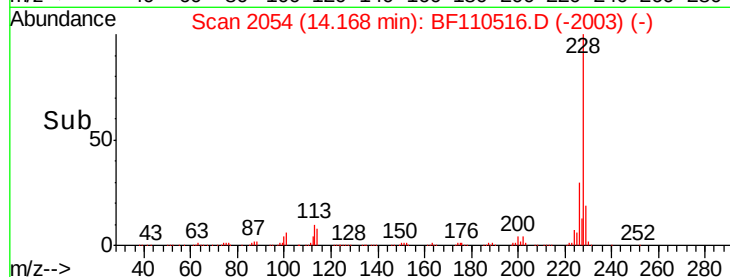
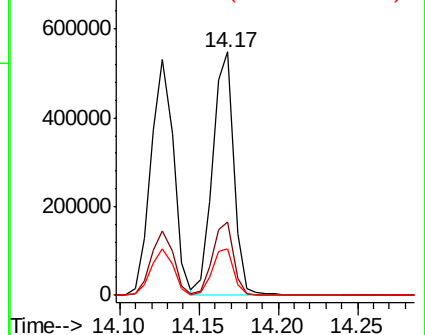
229 19.1 15.9 23.9



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.317 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

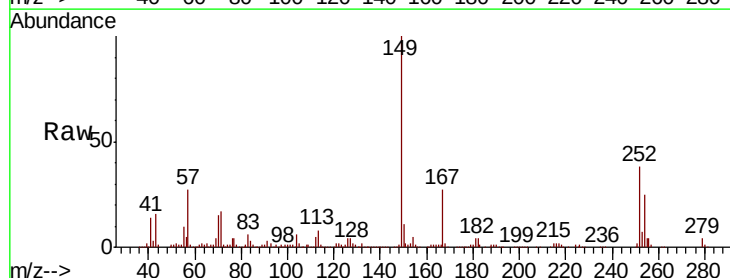
Tgt Ion:149 Resp: 381214

Ion Ratio Lower Upper

149 100

167 27.3 19.8 29.8

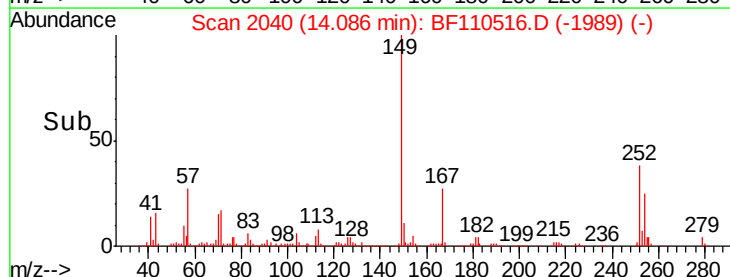
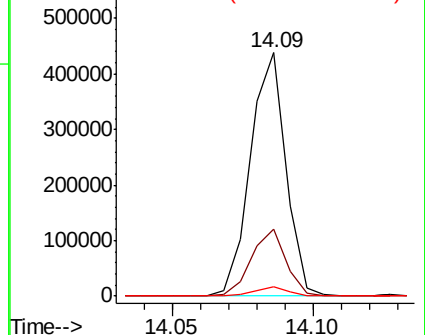
279 3.8 2.7 4.1

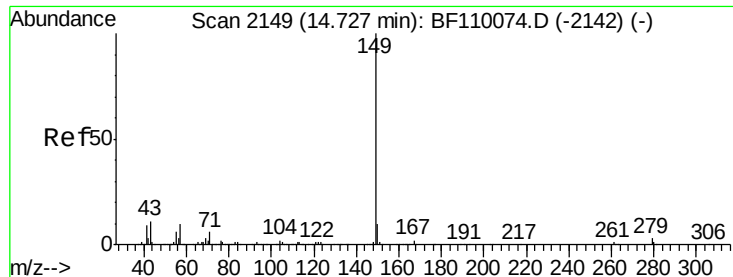


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

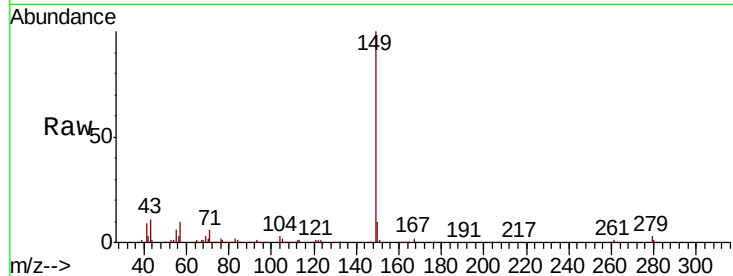




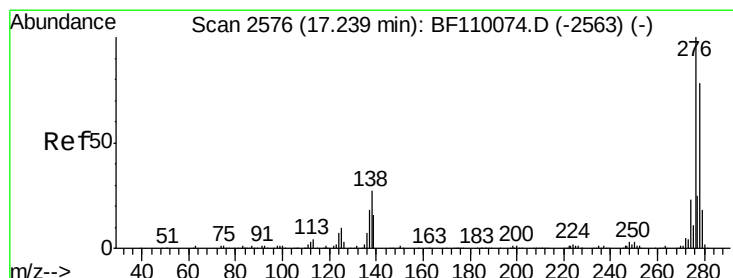
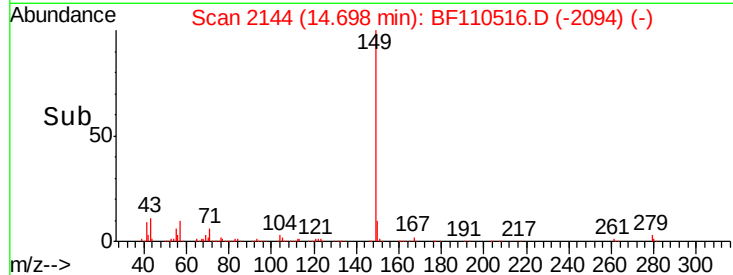
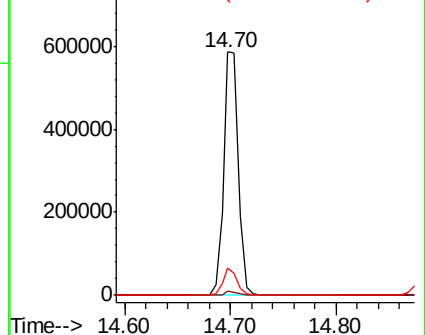
#85  
Di-n-octyl phthalate  
Concen: 38.872 ng  
RT: 14.70 min Scan# 2144  
Delta R.T. -0.01 min  
Lab File: BF110516.D  
Acq: 6 Nov 2018 15:45

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:149 Resp: 571518  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.1 1.7  
43 10.2 7.8 11.8

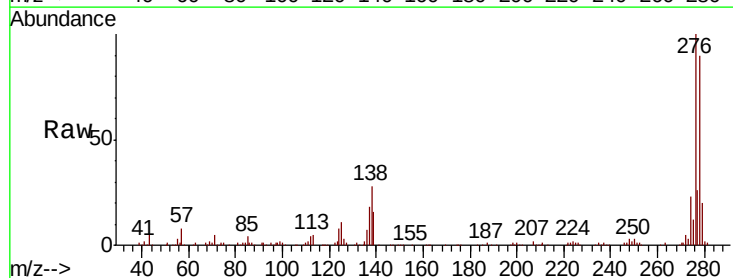


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF1

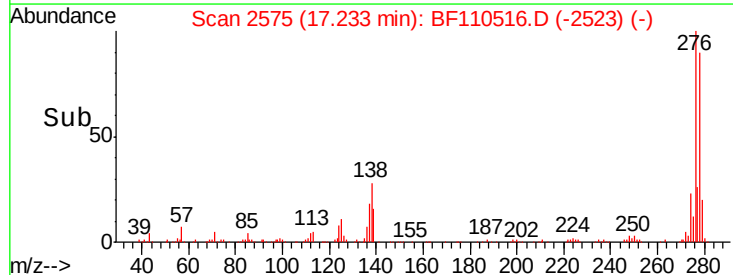
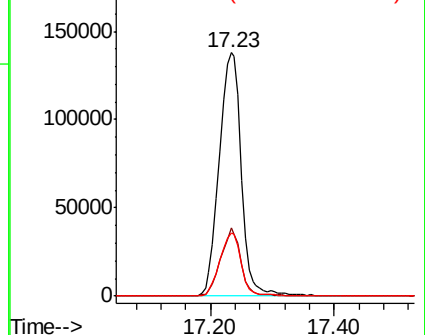


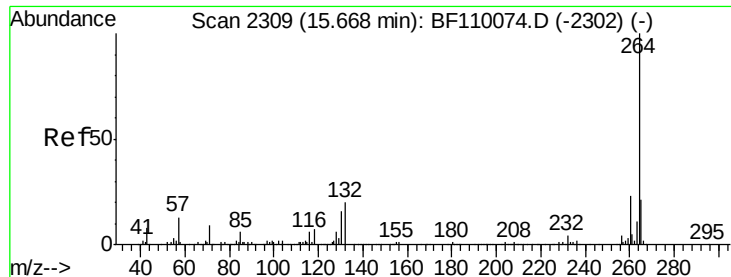
#86  
Indeno(1,2,3-cd)pyrene  
Concen: 32.766 ng  
RT: 17.23 min Scan# 2575  
Delta R.T. 0.01 min  
Lab File: BF110516.D  
Acq: 6 Nov 2018 15:45

Tgt Ion:276 Resp: 344163  
Ion Ratio Lower Upper  
276 100  
138 25.7 18.5 27.7  
277 24.9 20.0 30.0



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

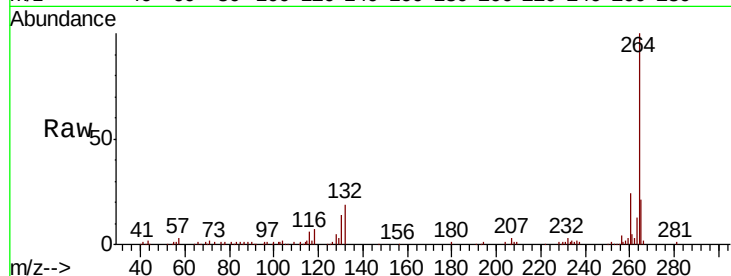




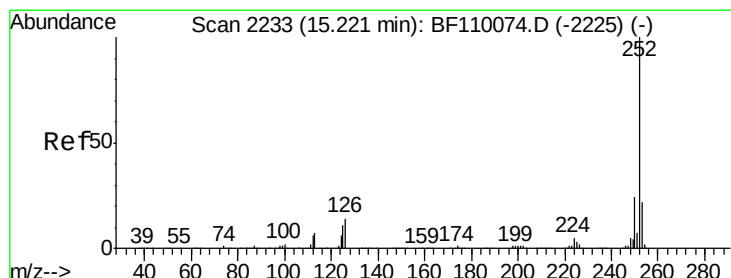
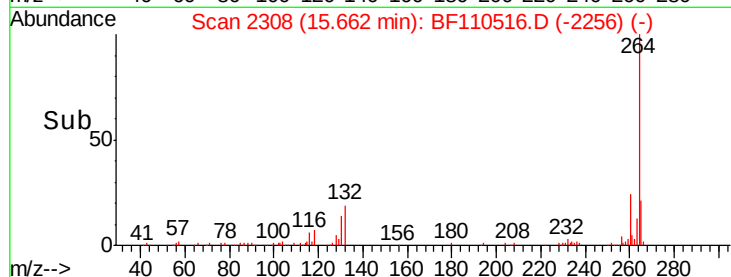
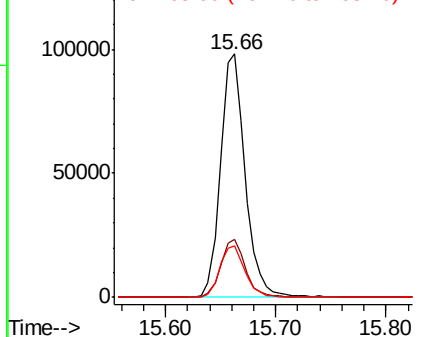
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.66 min Scan# 2308  
Delta R.T. 0.01 min  
Lab File: BF110516.D  
Acq: 6 Nov 2018 15:45

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:264 Resp: 152854  
Ion Ratio Lower Upper  
264 100  
260 23.7 18.7 28.1  
265 21.2 16.7 25.1

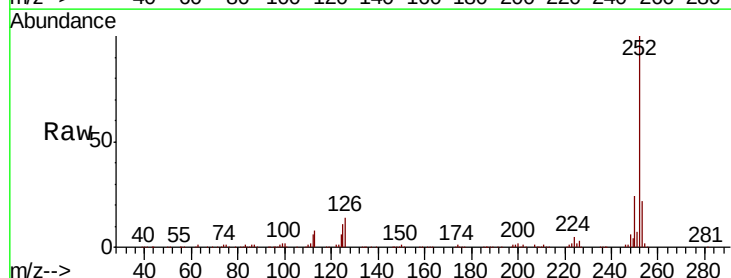


Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E

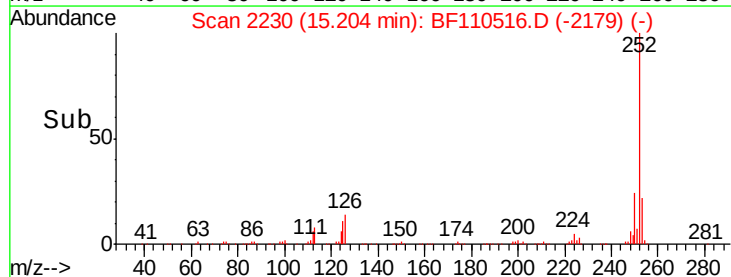
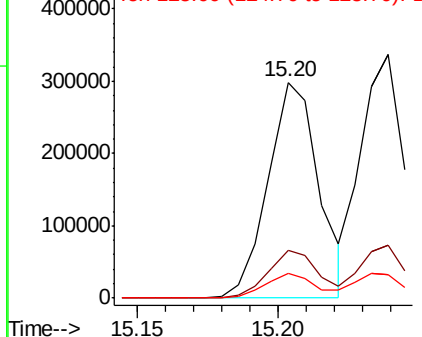


#88  
Benzo(b)fluoranthene  
Concen: 42.356 ng  
RT: 15.20 min Scan# 2230  
Delta R.T. -0.00 min  
Lab File: BF110516.D  
Acq: 6 Nov 2018 15:45

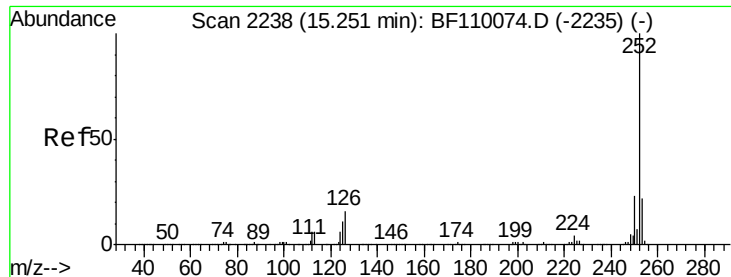
Tgt Ion:252 Resp: 373868  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.2 25.8  
125 11.5 8.2 12.4



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



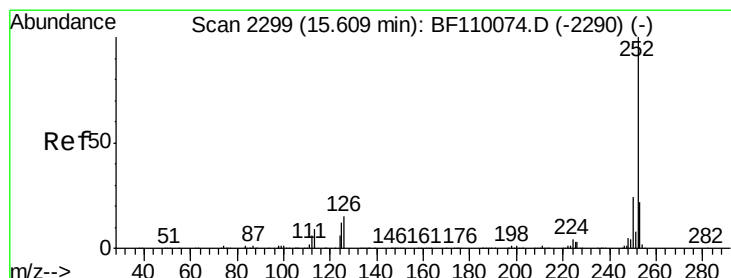
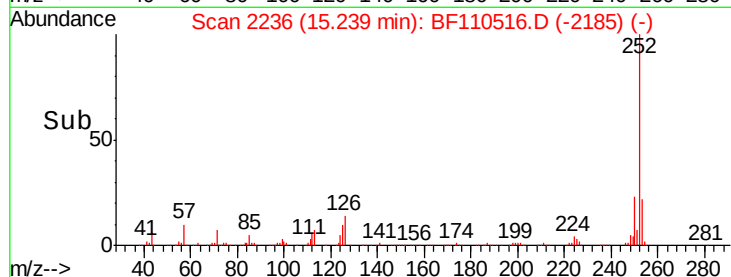
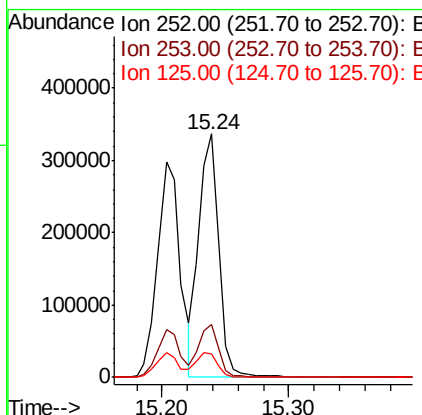
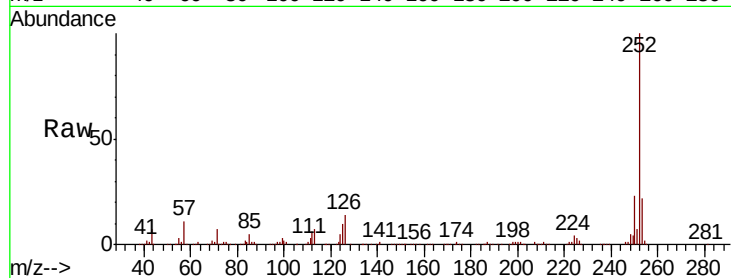




#89  
Benzo(k)fluoranthene  
Concen: 42.464 ng  
RT: 15.24 min Scan# 2236  
Delta R.T. -0.00 min  
Lab File: BF110516.D  
Acq: 6 Nov 2018 15:45

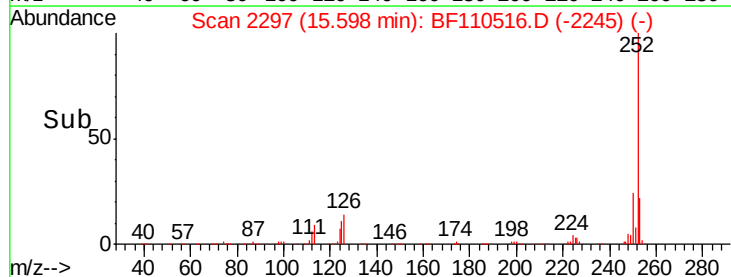
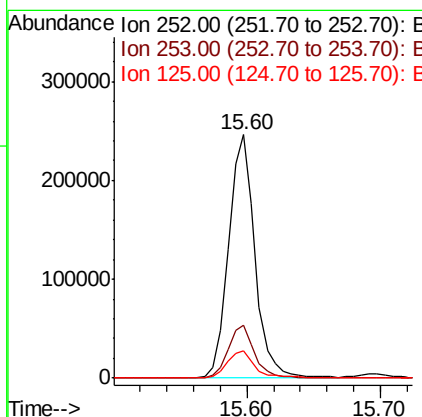
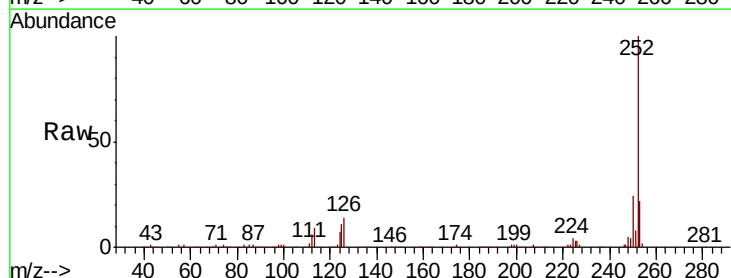
Instrument :  
BNA\_F  
ClientSampleId :

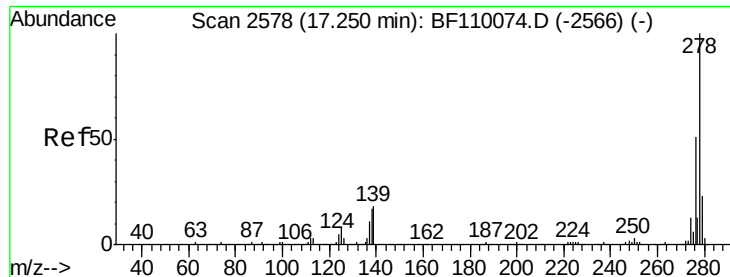
Tot Ion:252 Resp: 368489  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.2 25.8  
125 9.7 7.4 11.0



#90  
Benzo(a)pyrene  
Concen: 41.925 ng  
RT: 15.60 min Scan# 2297  
Delta R.T. 0.01 min  
Lab File: BF110516.D  
Acq: 6 Nov 2018 15:45

Tgt Ion:252 Resp: 340520  
Ion Ratio Lower Upper  
252 100  
253 21.8 18.2 27.4  
125 11.1 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 41.236 ng

RT: 17.24 min Scan# 2576

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

Instrument :

BNA\_F

ClientSampleId :

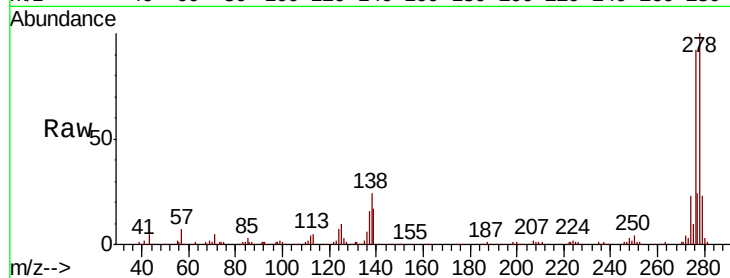
Tot Ion:278 Resp: 288988

Ion Ratio Lower Upper

278 100

139 17.0 12.7 19.1

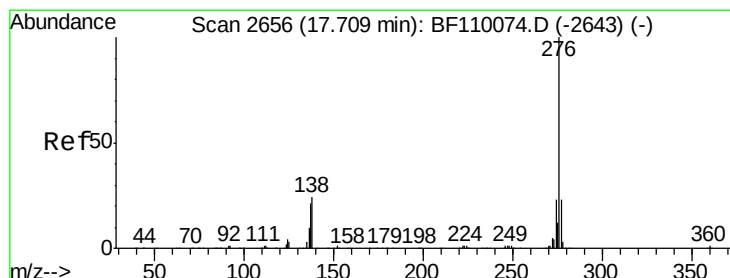
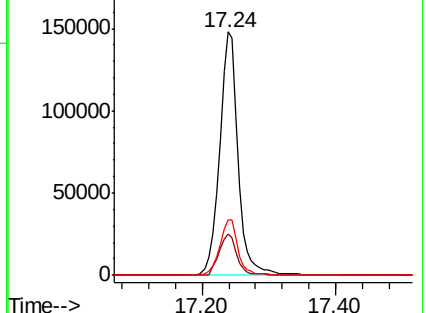
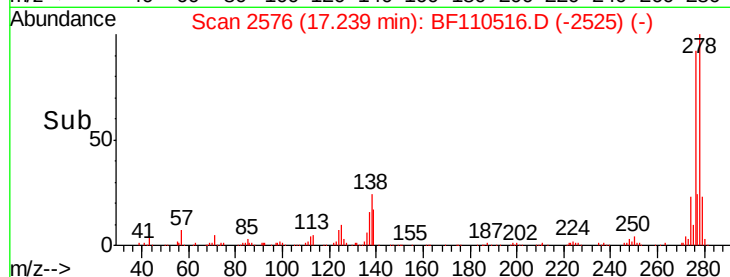
279 23.0 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.413 ng

RT: 17.71 min Scan# 2656

Delta R.T. 0.01 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

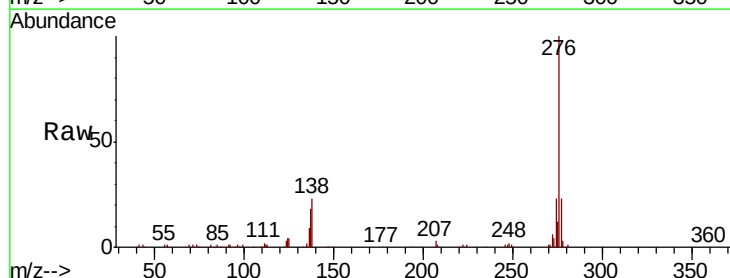
Tgt Ion:276 Resp: 285996

Ion Ratio Lower Upper

276 100

277 22.7 18.8 28.2

138 22.6 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

