

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\  
 Data File : BF110719.D  
 Acq On : 13 Nov 2018 15:14  
 Operator : JU/SJ  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Nov 13 16:42:55 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 09 15:13:13 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.95  | 152  | 83510    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.23  | 136  | 358621   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.99  | 164  | 177837   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.48 | 188  | 329776   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.13 | 240  | 244348   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.66 | 264  | 171882   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |       |    |      |
|--------------------------|-------|-----|--------|-------|----|------|
| 5) 2-Fluorophenol        | 5.56  | 112 | 419842 | 81.66 | ng | 0.00 |
| 7) Phenol-d6             | 6.57  | 99  | 531658 | 80.87 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.52  | 82  | 503576 | 80.87 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.78 | 330 | 143409 | 80.03 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.30  | 172 | 961433 | 77.21 | ng | 0.00 |
| 79) Terphenyl-d14        | 13.06 | 244 | 984497 | 75.46 | ng | 0.00 |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.77 | 88  | 101155 | 39.488 | ng | 89     |
| 3) Pyridine                    | 3.56 | 79  | 213481 | 38.609 | ng | # 82   |
| 4) n-Nitrosodimethylamine      | 3.53 | 42  | 99263  | 41.839 | ng | 88     |
| 6) Aniline                     | 6.61 | 93  | 324935 | 37.899 | ng | # 55   |
| 8) 2-Chlorophenol              | 6.73 | 128 | 245103 | 40.667 | ng | 98     |
| 9) Benzaldehyde                | 6.50 | 77  | 146125 | 41.896 | ng | 98     |
| 10) Phenol                     | 6.59 | 94  | 305672 | 40.097 | ng | # 64   |
| 11) bis(2-Chloroethyl)ether    | 6.68 | 93  | 225535 | 39.477 | ng | 94     |
| 12) 1,3-Dichlorobenzene        | 6.89 | 146 | 265699 | 40.291 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.96 | 146 | 266949 | 39.864 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.12 | 146 | 251559 | 40.382 | ng | 99     |
| 15) Benzyl Alcohol             | 7.09 | 79  | 210515 | 40.917 | ng | 94     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.21 | 45  | 370619 | 41.309 | ng | 71     |
| 17) 2-Methylphenol             | 7.19 | 107 | 192508 | 40.134 | ng | # 83   |
| 18) Hexachloroethane           | 7.45 | 117 | 99821  | 40.378 | ng | 94     |
| 19) n-Nitroso-di-n-propylamine | 7.36 | 70  | 173802 | 41.415 | ng | 95     |
| 20) 3+4-Methylphenols          | 7.35 | 107 | 252351 | 40.983 | ng | 94     |
| 22) Acetophenone               | 7.36 | 105 | 338416 | 40.491 | ng | 97     |
| 24) Nitrobenzene               | 7.53 | 77  | 255598 | 40.061 | ng | 92     |
| 25) Isophorone                 | 7.76 | 82  | 423303 | 41.474 | ng | 98     |
| 26) 2-Nitrophenol              | 7.85 | 139 | 129092 | 40.558 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 7.87 | 122 | 197233 | 40.688 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.97 | 93  | 284608 | 41.185 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.09 | 162 | 205250 | 41.151 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.17 | 180 | 225036 | 40.016 | ng | 96     |
| 31) Naphthalene                | 8.25 | 128 | 677298 | 40.231 | ng | 99     |
| 32) Benzoic acid               | 8.01 | 122 | 146249 | 42.641 | ng | 95     |
| 33) 4-Chloroaniline            | 8.30 | 127 | 295962 | 38.811 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.36 | 225 | 128469 | 39.995 | ng | 100    |
| 35) Caprolactam                | 8.68 | 113 | 70005  | 42.009 | ng | # 84   |
| 36) 4-Chloro-3-methylphenol    | 8.78 | 107 | 226662 | 42.136 | ng | 95     |
| 37) 2-Methylnaphthalene        | 8.94 | 142 | 446700 | 40.475 | ng | 99     |
| 38) 1-Methylnaphthalene        | 9.04 | 142 | 429147 | 40.433 | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.10 | 216 | 220357 | 39.145 | ng | 99     |

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 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
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Quant Time: Nov 13 16:42:55 2018  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 09 15:13:13 2018  
 Response via : Initial Calibration

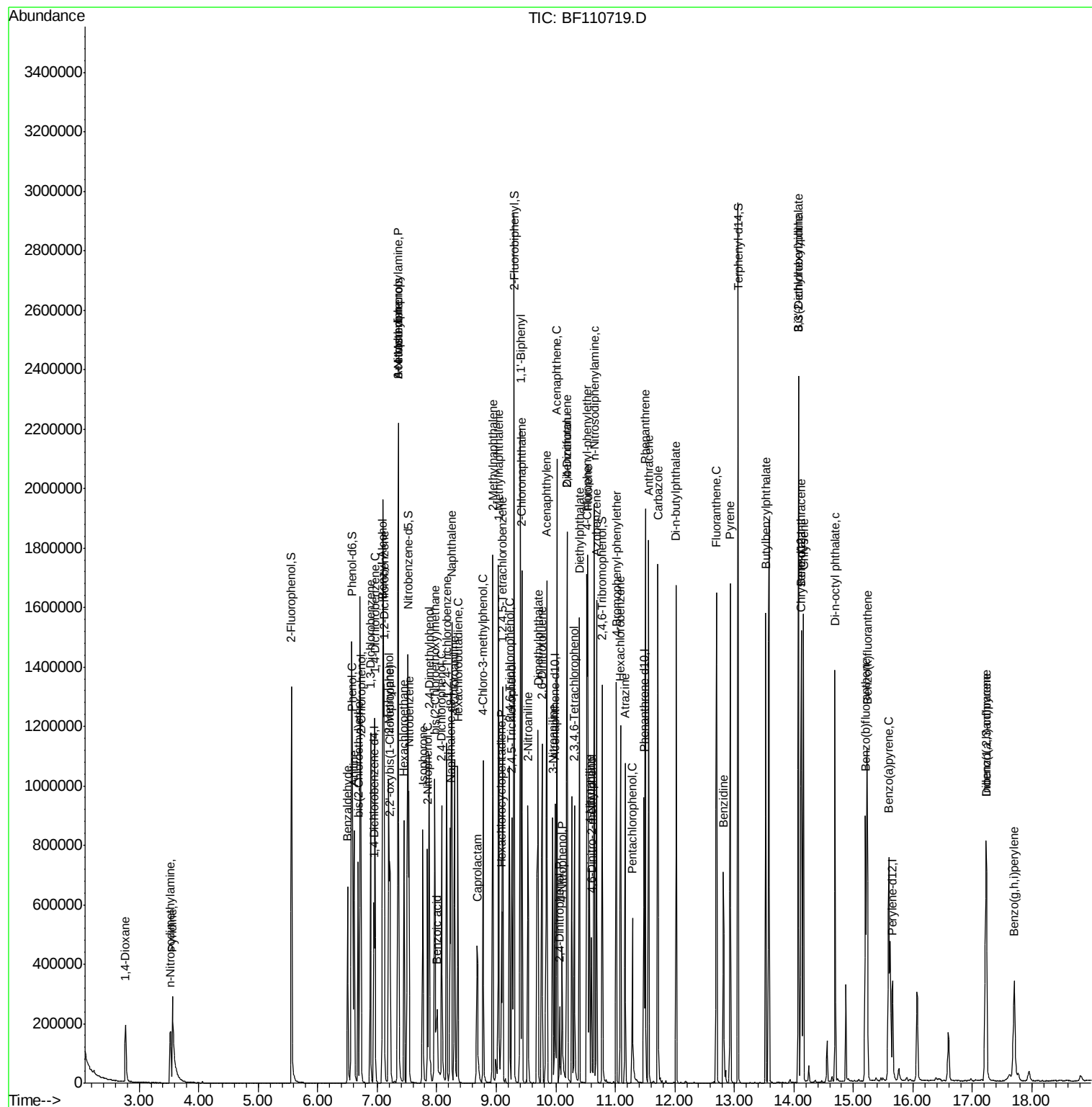
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.09  | 237  | 78203    | 39.865 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol      | 9.22  | 196  | 140431   | 39.699 | ng    | 96       |
| 44) 2,4,5-Trichlorophenol      | 9.26  | 196  | 149149   | 39.527 | ng    | 95       |
| 46) 1,1'-Biphenyl              | 9.40  | 154  | 649999   | 39.181 | ng    | 100      |
| 47) 2-Chloronaphthalene        | 9.43  | 162  | 471425   | 39.444 | ng    | 99       |
| 48) 2-Nitroaniline             | 9.53  | 65   | 149654   | 40.633 | ng    | 98       |
| 49) Acenaphthylene             | 9.85  | 152  | 682809   | 39.670 | ng    | 99       |
| 50) Dimethylphthalate          | 9.70  | 163  | 521477   | 39.298 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.77  | 165  | 116695   | 39.977 | ng    | 97       |
| 52) Acenaphthene               | 10.02 | 154  | 424498   | 39.025 | ng    | 98       |
| 53) 3-Nitroaniline             | 9.95  | 138  | 134987   | 39.915 | ng    | 92       |
| 54) 2,4-Dinitrophenol          | 10.06 | 184  | 34941    | 32.984 | ng    | 92       |
| 55) Dibenzofuran               | 10.19 | 168  | 625465   | 39.302 | ng    | 99       |
| 56) 4-Nitrophenol              | 10.10 | 139  | 84524    | 37.673 | ng    | 95       |
| 57) 2,4-Dinitrotoluene         | 10.19 | 165  | 151114   | 39.815 | ng    | 96       |
| 58) Fluorene                   | 10.54 | 166  | 484655   | 39.648 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.31 | 232  | 121068   | 40.786 | ng    | 94       |
| 60) Diethylphthalate           | 10.40 | 149  | 511412   | 38.956 | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 10.52 | 204  | 251947   | 39.807 | ng    | 96       |
| 62) 4-Nitroaniline             | 10.57 | 138  | 135803   | 39.877 | ng    | 94       |
| 63) Azobenzene                 | 10.69 | 77   | 519565   | 40.565 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 10.60 | 198  | 60908    | 36.647 | ng    | 94       |
| 66) n-Nitrosodiphenylamine     | 10.65 | 169  | 446285   | 40.149 | ng    | 96       |
| 67) 4-Bromophenyl-phenylether  | 11.02 | 248  | 148475   | 40.737 | ng    | 93       |
| 68) Hexachlorobenzene          | 11.09 | 284  | 154896   | 40.310 | ng    | # 88     |
| 69) Atrazine                   | 11.17 | 200  | 127143   | 37.409 | ng    | 97       |
| 70) Pentachlorophenol          | 11.29 | 266  | 79951    | 38.993 | ng    | 98       |
| 71) Phenanthrene               | 11.50 | 178  | 701292   | 39.693 | ng    | 100      |
| 72) Anthracene                 | 11.56 | 178  | 705113   | 39.563 | ng    | 99       |
| 73) Carbazole                  | 11.72 | 167  | 686345   | 40.099 | ng    | 99       |
| 74) Di-n-butylphthalate        | 12.02 | 149  | 810961   | 40.404 | ng    | 99       |
| 75) Fluoranthene               | 12.70 | 202  | 713433   | 40.277 | ng    | 99       |
| 77) Benzidine                  | 12.82 | 184  | 278125   | 41.390 | ng    | 99       |
| 78) Pyrene                     | 12.93 | 202  | 729815   | 38.791 | ng    | 97       |
| 80) Butylbenzylphthalate       | 13.53 | 149  | 325832   | 40.237 | ng    | 99       |
| 81) Benzo(a)anthracene         | 14.12 | 228  | 578618   | 39.618 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 14.08 | 252  | 189393   | 38.710 | ng    | 98       |
| 83) Chrysene                   | 14.16 | 228  | 549440   | 39.488 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 14.07 | 149  | 420840   | 41.893 | ng    | 98       |
| 85) Di-n-octyl phthalate       | 14.69 | 149  | 646569   | 43.769 | ng    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 17.23 | 276  | 382241   | 38.283 | ng    | 97       |
| 88) Benzo(b)fluoranthene       | 15.20 | 252  | 416317   | 40.488 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 15.23 | 252  | 414137   | 40.760 | ng    | 98       |
| 90) Benzo(a)pyrene             | 15.59 | 252  | 379058   | 40.574 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 17.23 | 278  | 314687   | 39.803 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.70 | 276  | 314814   | 40.133 | ng    | 98       |

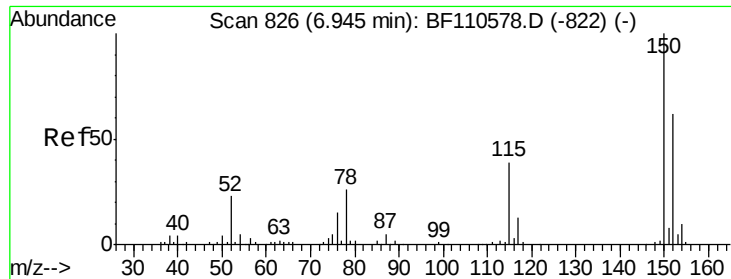
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\  
 Data File : BF110719.D  
 Acq On : 13 Nov 2018 15:14  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampled :

Quant Time: Nov 13 16:42:55 2018  
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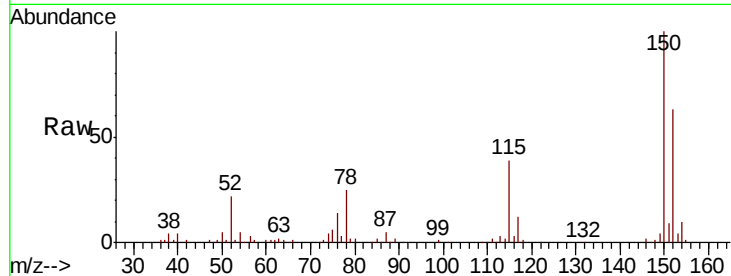


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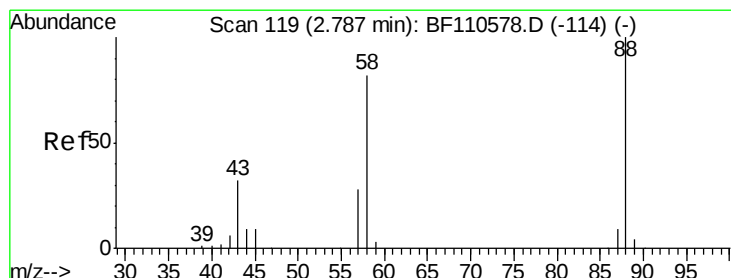
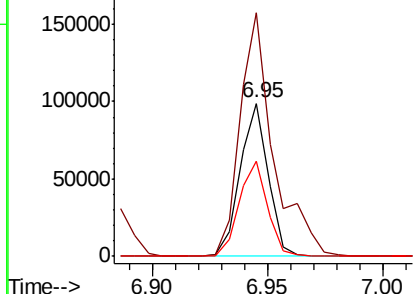
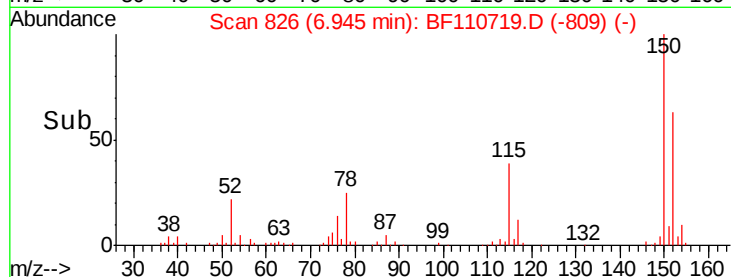
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.95 min Scan# 826  
Delta R.T. 0.00 min  
Lab File: BF110719.D  
Acq: 13 Nov 2018 15:14

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:152 Resp: 83510  
Ion Ratio Lower Upper  
152 100  
150 159.1 122.7 184.1  
115 62.1 49.1 73.7



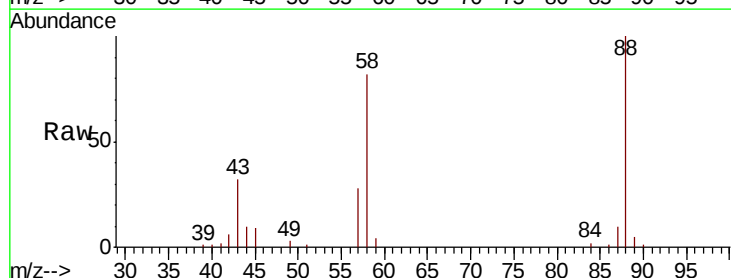
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



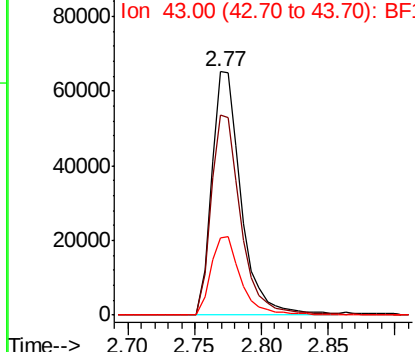
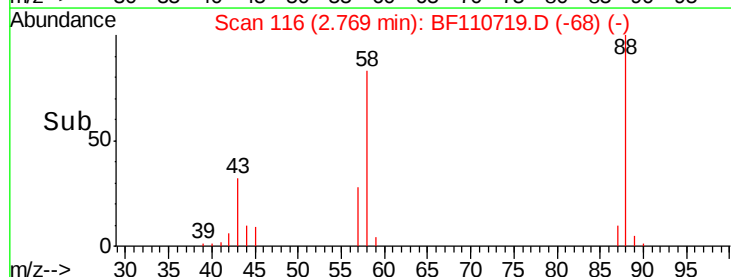
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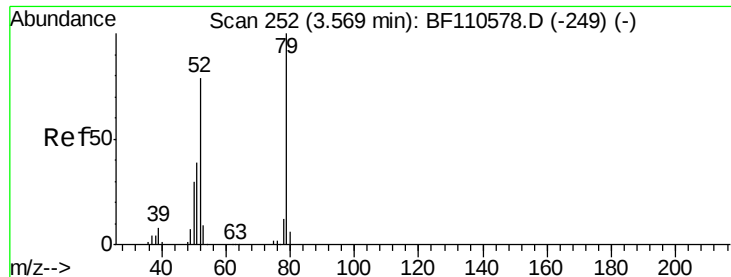
1,4-Dioxane  
Concen: 39.488 ng  
RT: 2.77 min Scan# 116  
Delta R.T. -0.02 min  
Lab File: BF110719.D  
Acq: 13 Nov 2018 15:14

Tgt Ion: 88 Resp: 101155  
Ion Ratio Lower Upper  
88 100  
58 82.6 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

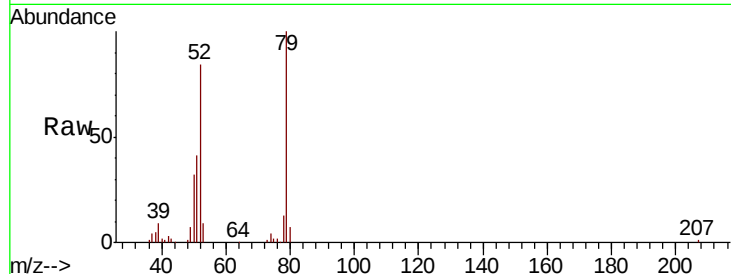




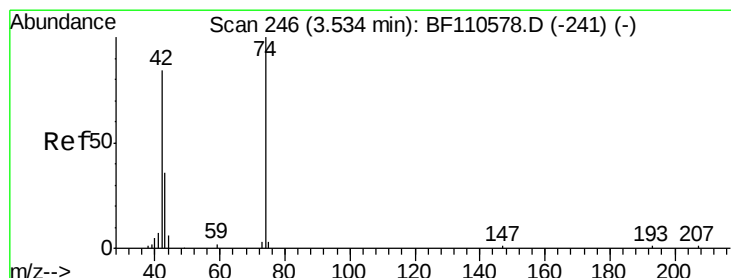
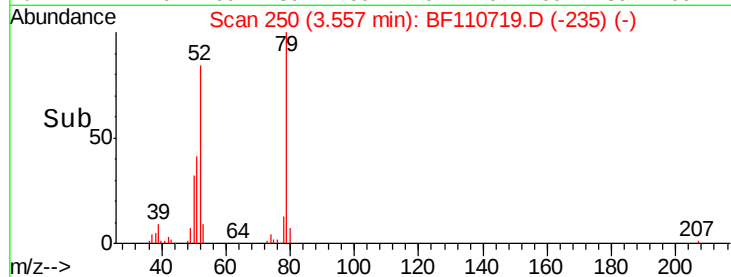
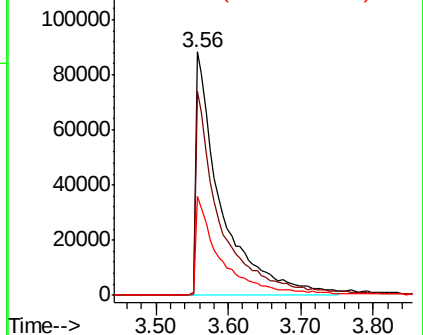
#3  
 Pvridine  
 Concen: 38.609 ng  
 RT: 3.56 min Scan# 250  
 Delta R.T. -0.01 min  
 Lab File: BF110719.D  
 Acq: 13 Nov 2018 15:14

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion: 79 Resp: 213481  
 Ion Ratio Lower Upper  
 79 100  
 52 83.9 53.1 79.7#  
 51 40.6 27.4 41.2

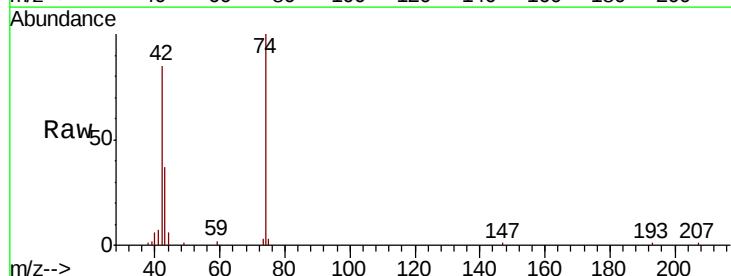


Abundance Ion 79.00 (78.70 to 79.70): BF1  
 Ion 52.00 (51.70 to 52.70): BF1  
 Ion 51.00 (50.70 to 51.70): BF1

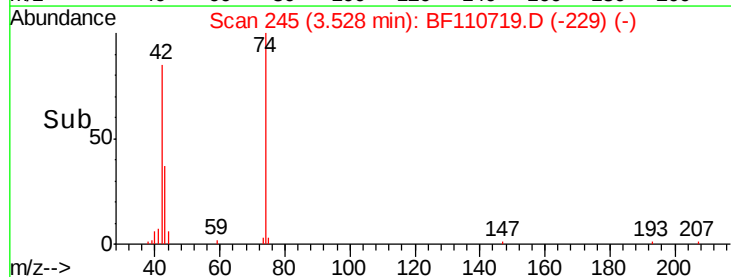
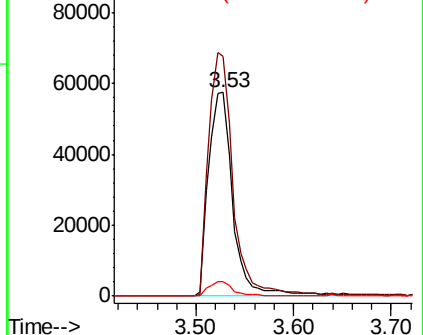


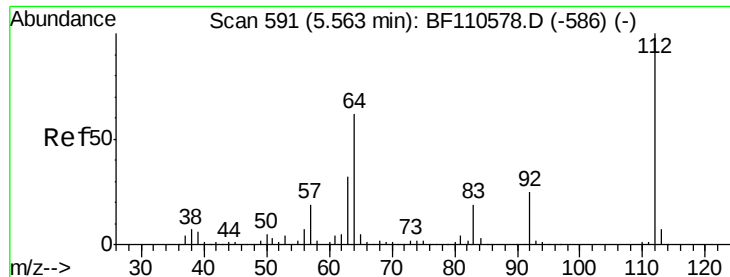
#4  
 n-Nitrosodimethylamine  
 Concen: 41.839 ng  
 RT: 3.53 min Scan# 245  
 Delta R.T. -0.01 min  
 Lab File: BF110719.D  
 Acq: 13 Nov 2018 15:14

Tgt Ion: 42 Resp: 99263  
 Ion Ratio Lower Upper  
 42 100  
 74 117.8 105.5 158.3  
 44 6.9 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: 81.662 ng

RT: 5.56 min Scan# 591

Delta R.T. -0.00 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

Instrument :

BNA\_F

ClientSampleId :

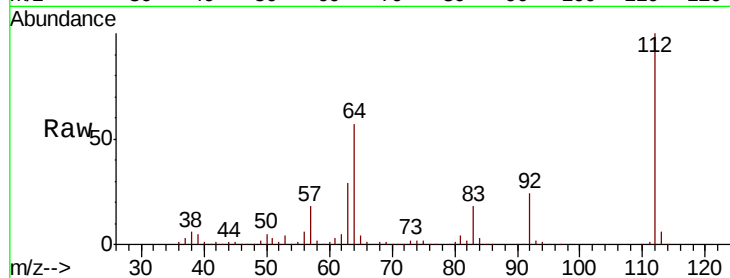
Tot Ion:112 Resp: 419842

Ion Ratio Lower Upper

112 100

64 57.3 44.1 66.1

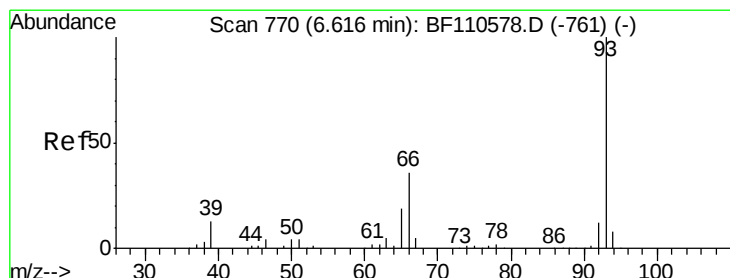
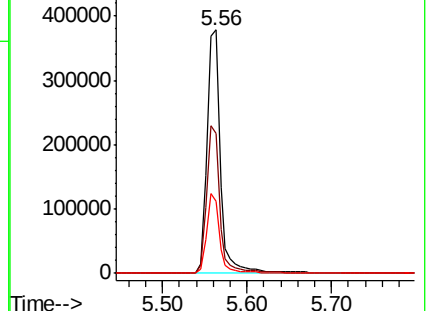
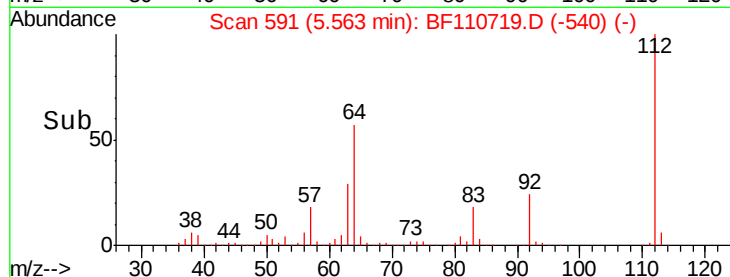
63 29.4 23.7 35.5



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: 37.899 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

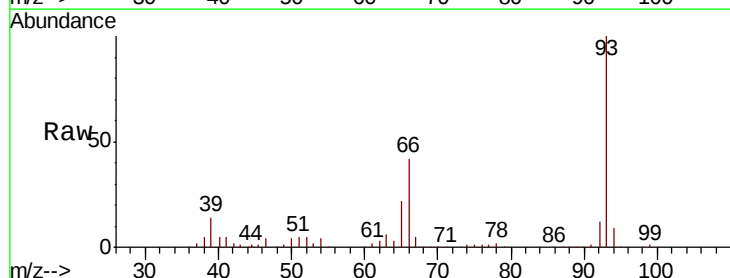
Tgt Ion: 93 Resp: 324935

Ion Ratio Lower Upper

93 100

66 41.6 67.4 101.0#

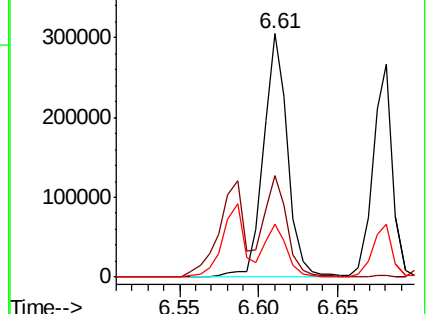
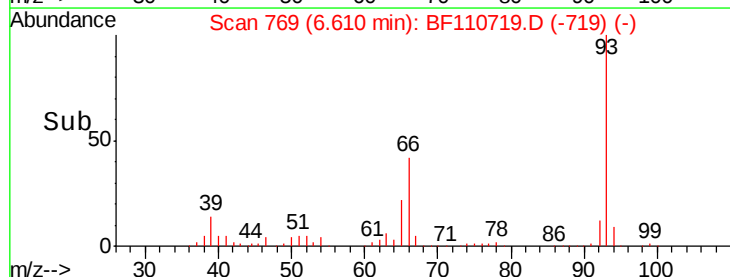
65 21.6 41.0 61.4#

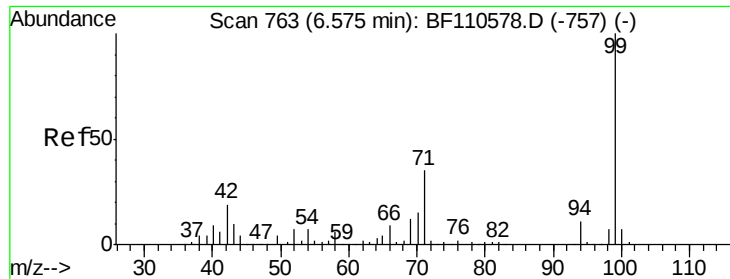


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.868 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

Instrument :

BNA\_F

ClientSampled :

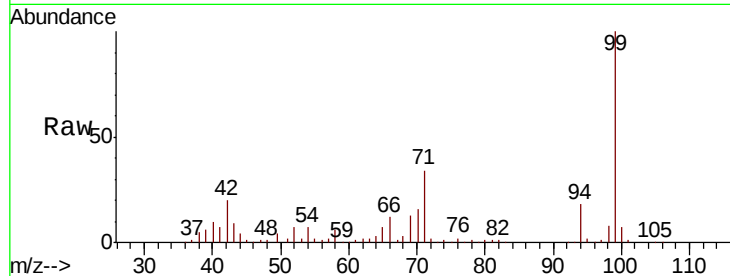
Tot Ion: 99 Resp: 531658

Ion Ratio Lower Upper

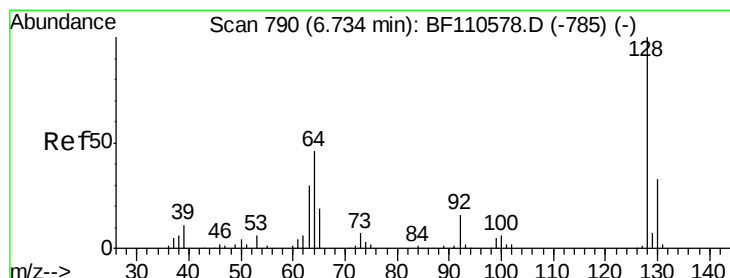
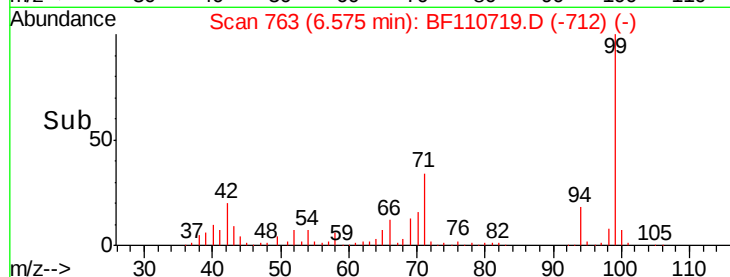
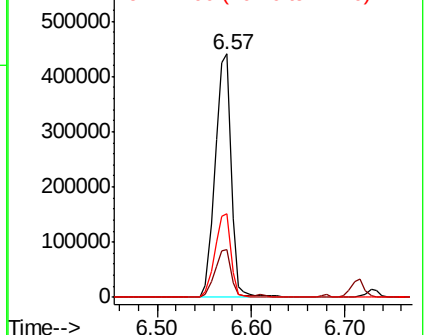
99 100

42 19.6 15.8 23.6

71 34.3 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: 40.667 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

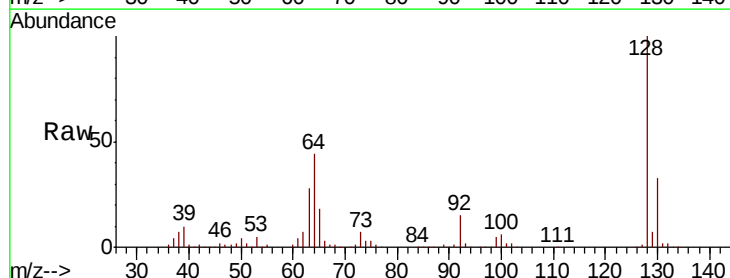
Tgt Ion: 128 Resp: 245103

Ion Ratio Lower Upper

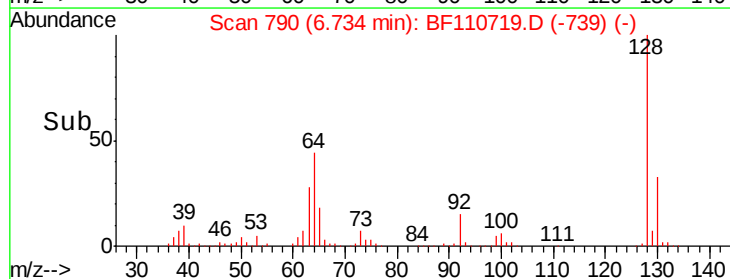
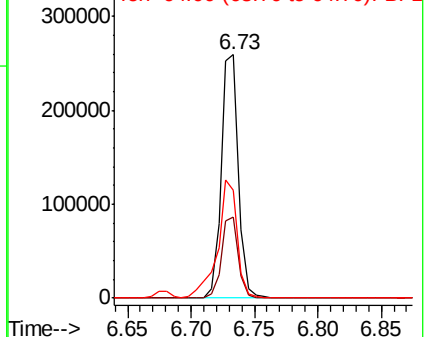
128 100

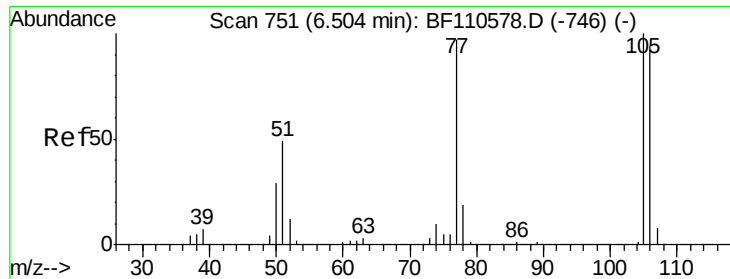
130 33.3 13.1 53.1

64 44.1 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: 41.896 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

Instrument :

BNA\_F

ClientSampled :

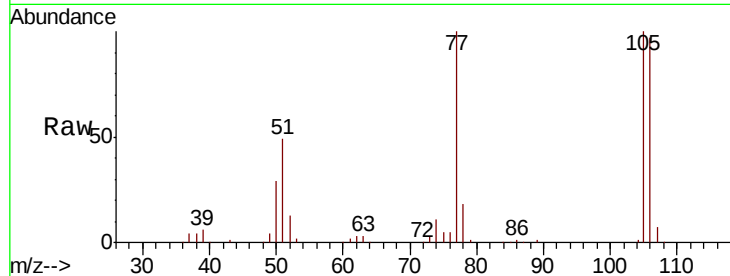
Tot Ion: 77 Resp: 146125

Ion Ratio Lower Upper

77 100

105 100.5 78.6 118.6

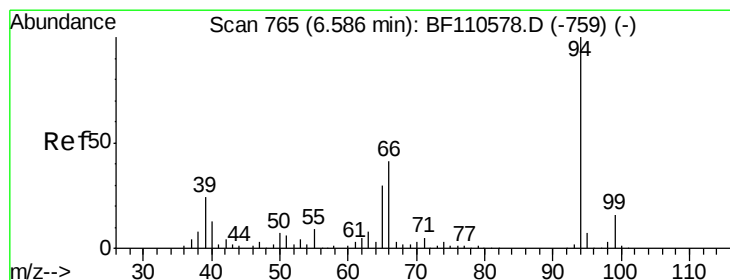
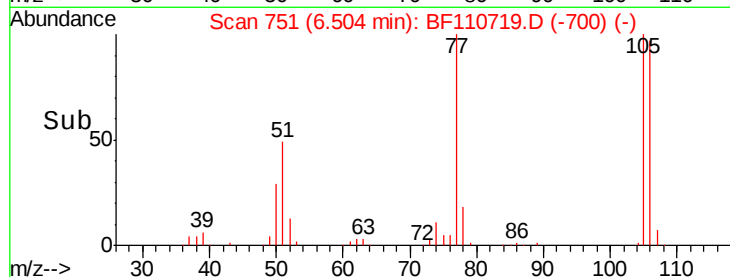
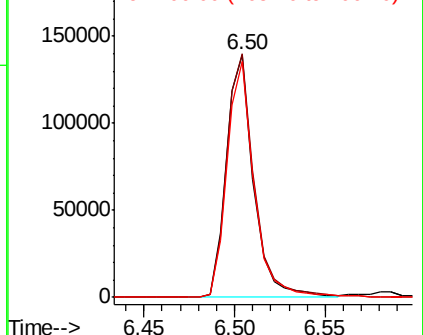
106 97.2 74.8 114.8



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: 40.097 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

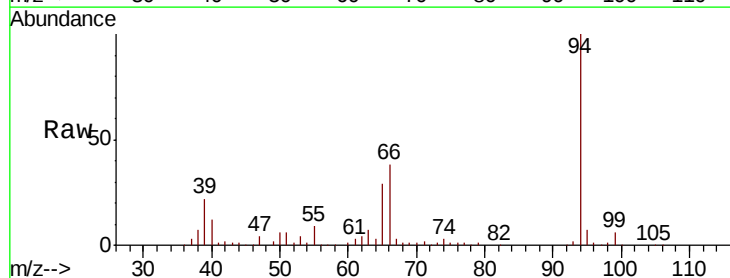
Tgt Ion: 94 Resp: 305672

Ion Ratio Lower Upper

94 100

65 29.1 25.3 65.3

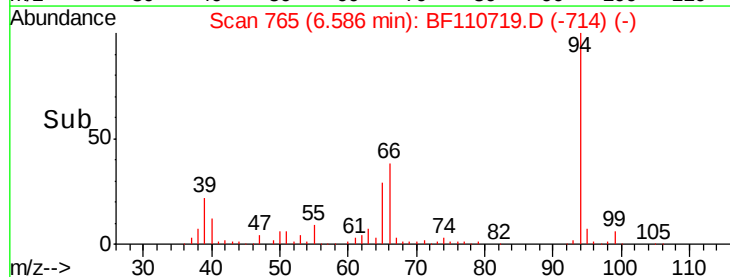
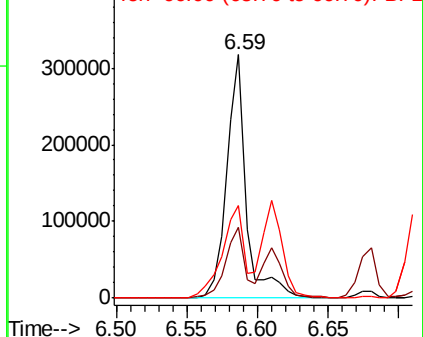
66 38.3 54.5 94.5#



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

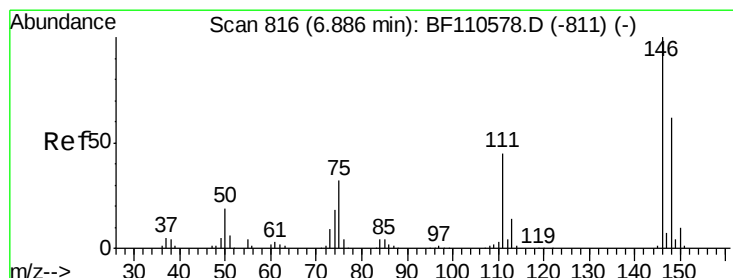
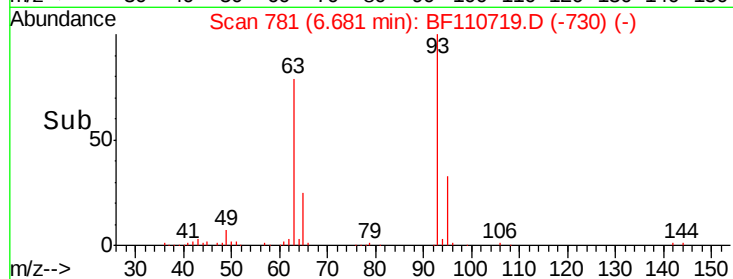
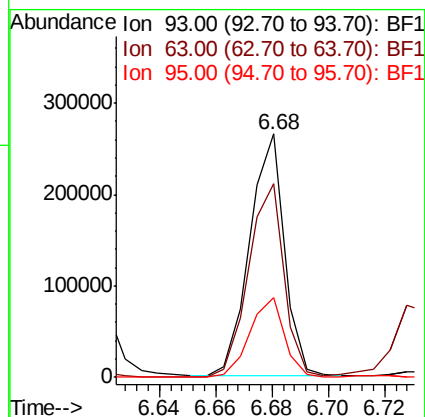
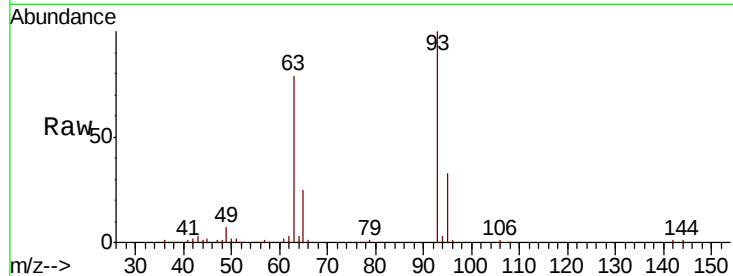




#11  
 bis(2-Chloroethyl)ether  
 Concen: 39.477 ng  
 RT: 6.68 min Scan# 781  
 Delta R.T. 0.00 min  
 Lab File: BF110719.D  
 Acq: 13 Nov 2018 15:14

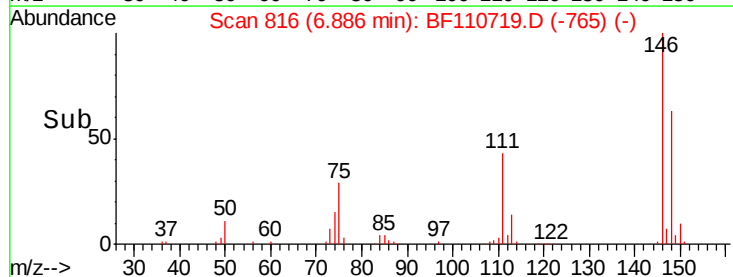
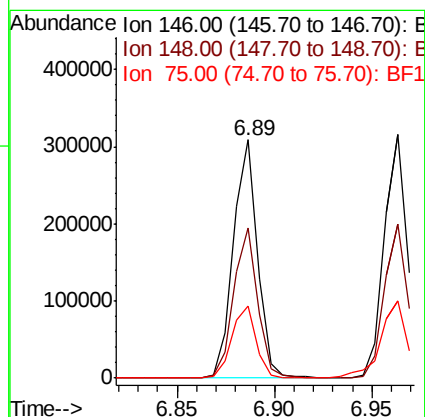
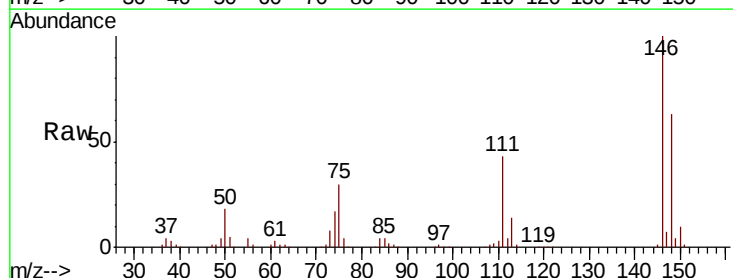
Instrument :  
 BNA\_F  
 ClientSampleId :

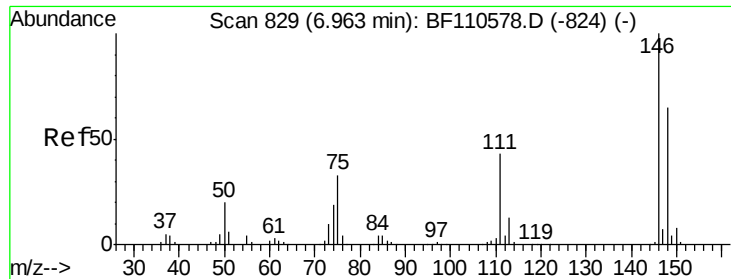
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 79.5  | 53.4  | 93.4  |
| 95      | 33.0  | 12.1  | 52.1  |



#12  
 1,3-Dichlorobenzene  
 Concen: 40.291 ng  
 RT: 6.89 min Scan# 816  
 Delta R.T. 0.00 min  
 Lab File: BF110719.D  
 Acq: 13 Nov 2018 15:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.0  | 50.4  | 75.6  |
| 75      | 30.0  | 25.8  | 38.6  |

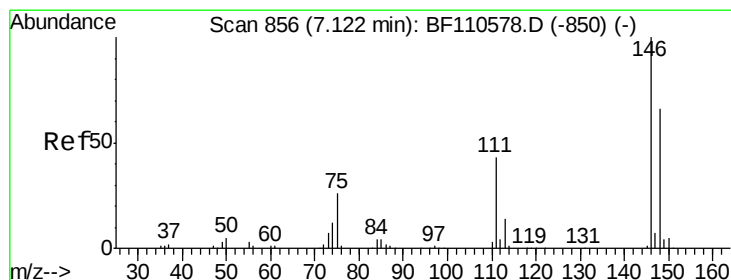
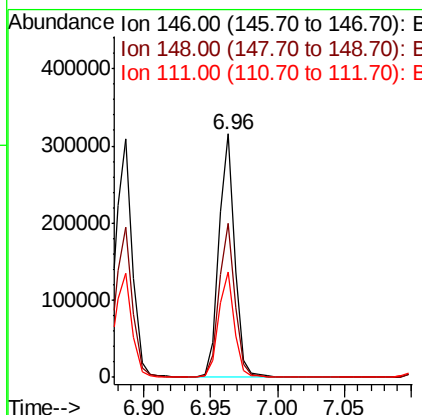
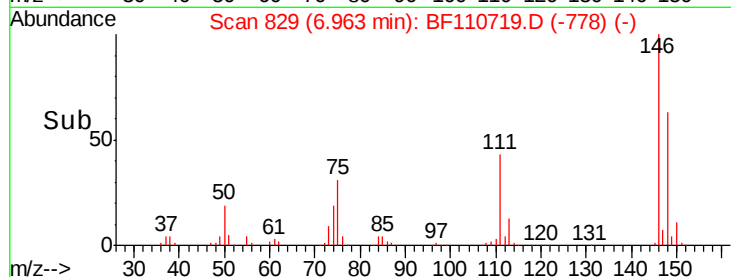
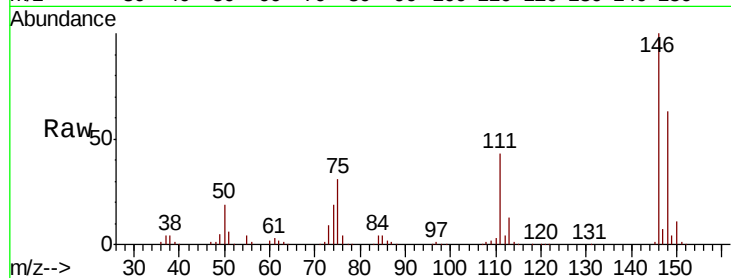




#13  
 1,4-Dichlorobenzene  
 Concen: 39.864 ng  
 RT: 6.96 min Scan# 829  
 Delta R.T. 0.00 min  
 Lab File: BF110719.D  
 Acq: 13 Nov 2018 15:14

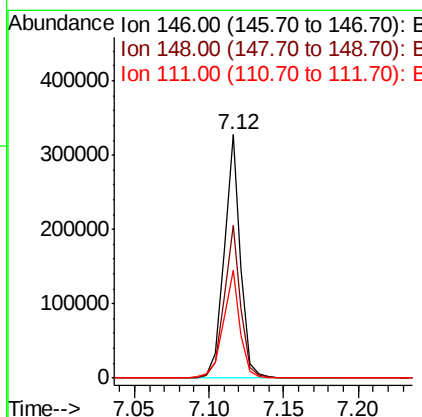
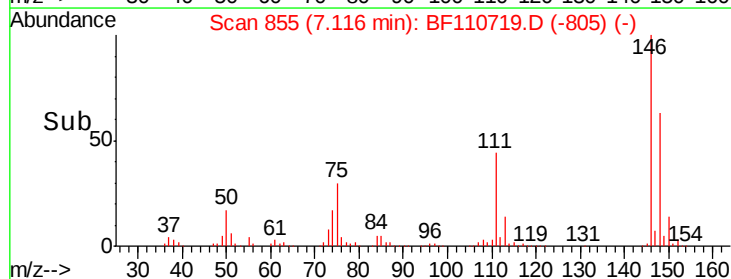
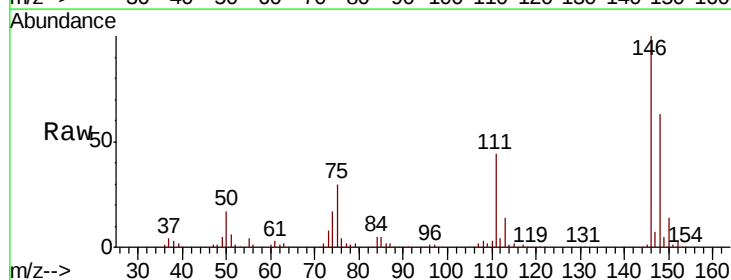
Instrument :  
 BNA\_F  
 ClientSampleId :

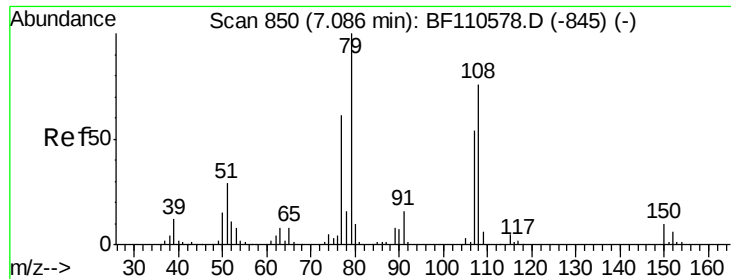
Tot Ion:146 Resp: 266949  
 Ion Ratio Lower Upper  
 146 100  
 148 63.5 50.3 75.5  
 111 43.4 32.7 49.1



#14  
 1,2-Dichlorobenzene  
 Concen: 40.382 ng  
 RT: 7.12 min Scan# 855  
 Delta R.T. -0.01 min  
 Lab File: BF110719.D  
 Acq: 13 Nov 2018 15:14

Tgt Ion:146 Resp: 251559  
 Ion Ratio Lower Upper  
 146 100  
 148 62.7 51.1 76.7  
 111 44.4 35.8 53.6





#15

Benzyl Alcohol

Concen: 40.917 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

Instrument :

BNA\_F

ClientSampled :

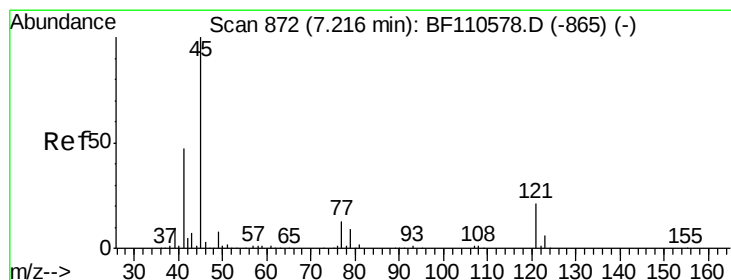
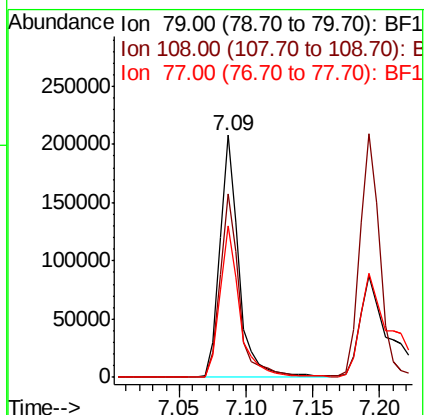
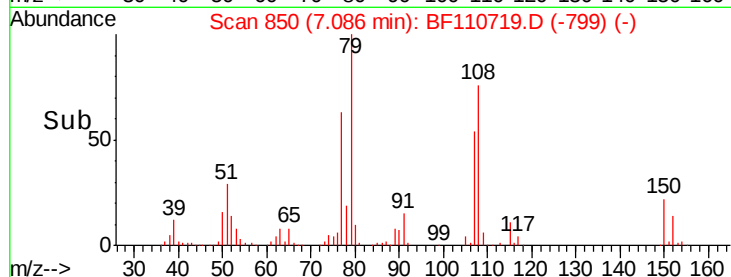
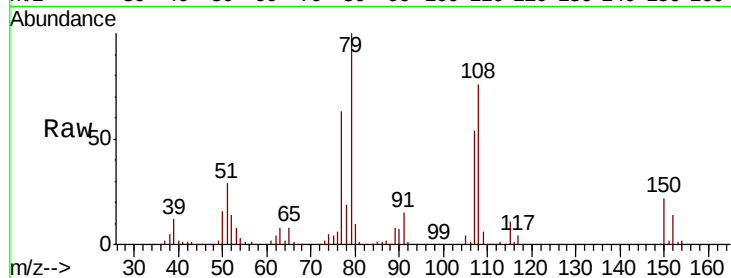
Tot Ion: 79 Resp: 210515

Ion Ratio Lower Upper

79 100

108 75.9 56.3 84.5

77 62.7 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.309 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

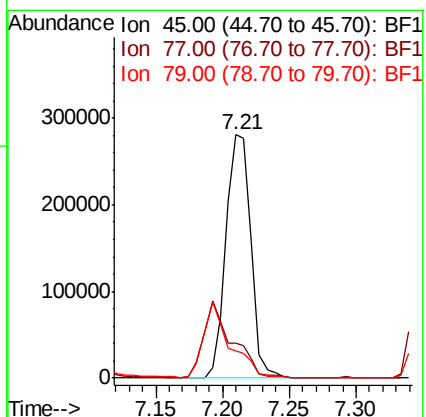
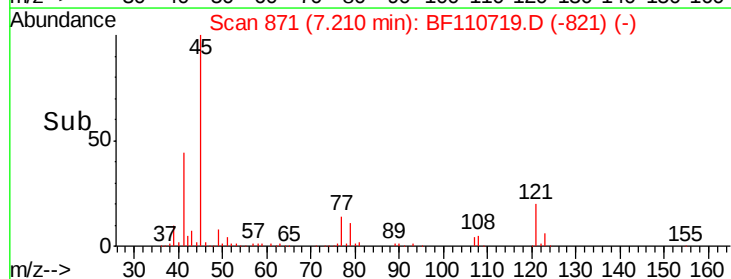
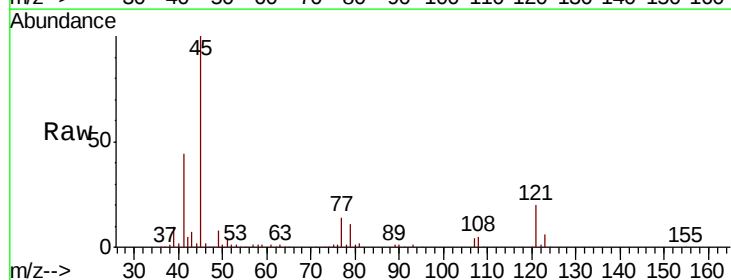
Tgt Ion: 45 Resp: 370619

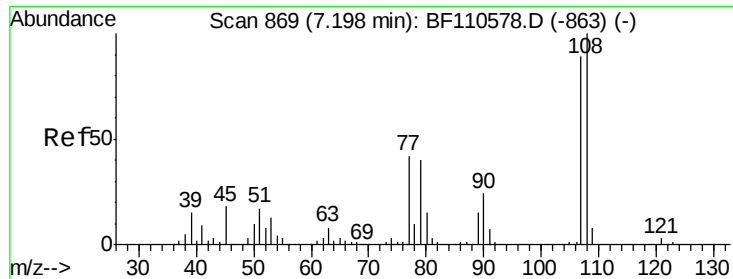
Ion Ratio Lower Upper

45 100

77 14.1 10.0 50.0

79 11.3 6.1 46.1

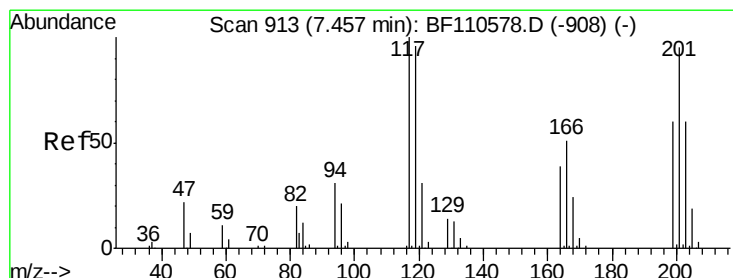
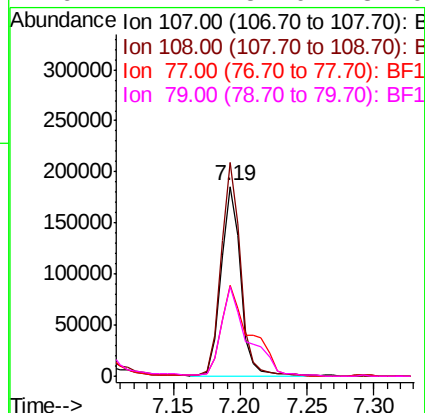
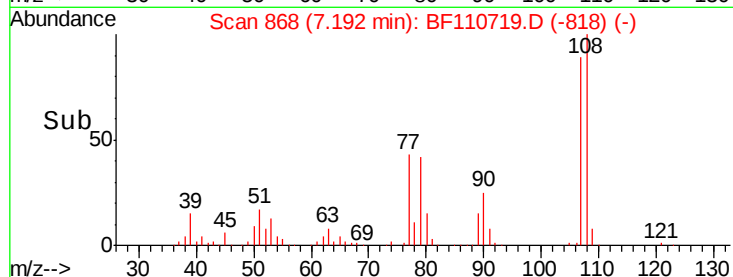
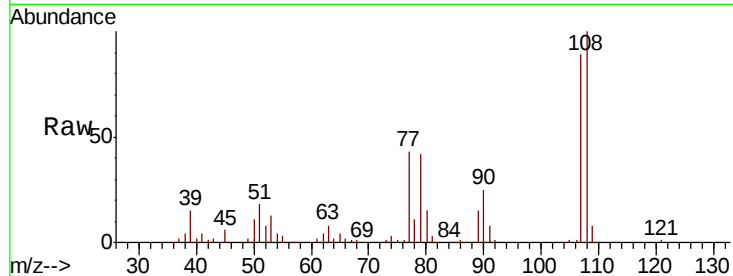




#17  
2-Methylphenol  
Concen: 40.134 ng  
RT: 7.19 min Scan# 868  
Delta R.T. -0.01 min  
Lab File: BF110719.D  
Acq: 13 Nov 2018 15:14

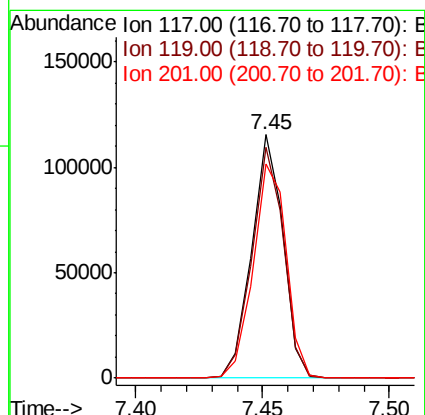
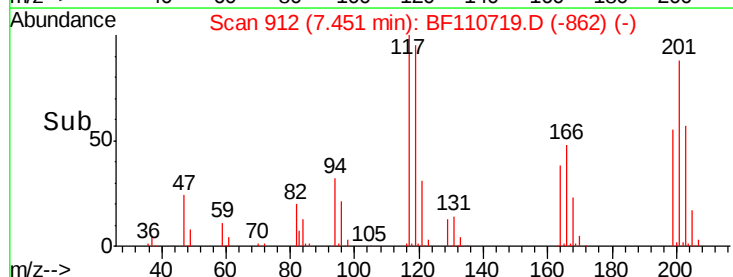
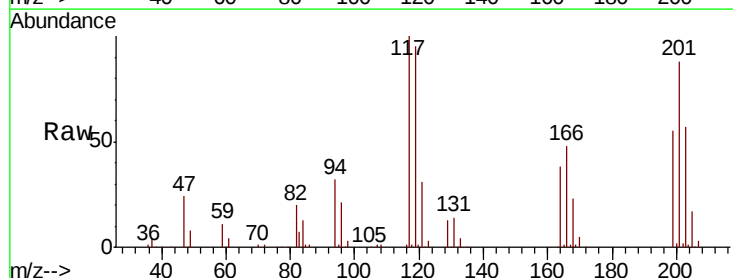
Instrument :  
BNA\_F  
ClientSampleId :

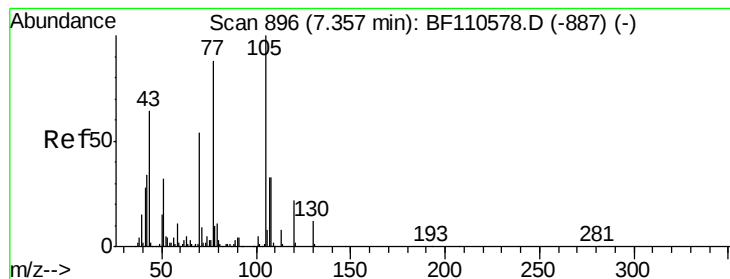
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 192508 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 112.4 | 92.6  | 138.8  |
| 77       | 47.9  | 59.4  | 89.2#  |
| 79       | 47.1  | 54.0  | 81.0#  |



#18  
Hexachloroethane  
Concen: 40.378 ng  
RT: 7.45 min Scan# 912  
Delta R.T. -0.01 min  
Lab File: BF110719.D  
Acq: 13 Nov 2018 15:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 99821 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 94.6  | 75.0  | 112.6 |
| 201      | 87.9  | 79.2  | 118.8 |





#19

n-Nitroso-di-n-propylamine

Concen: 41.415 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.00 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

Instrument :

BNA\_F

ClientSampled :

Tot Ion: 70 Resp: 173802

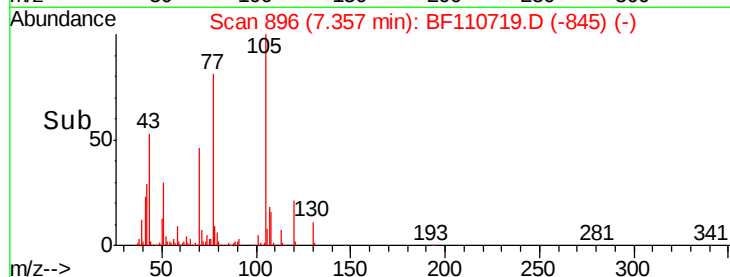
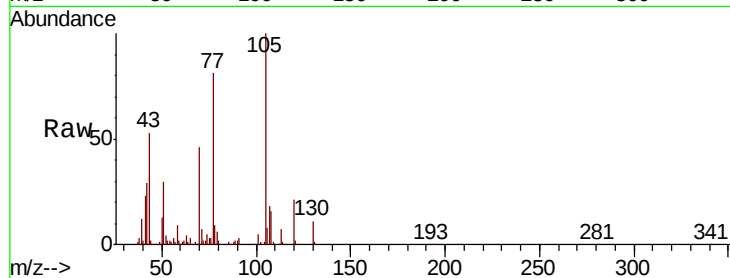
Ion Ratio Lower Upper

70 100

42 62.4 47.4 71.2

101 10.4 7.3 10.9

130 23.2 16.2 24.2

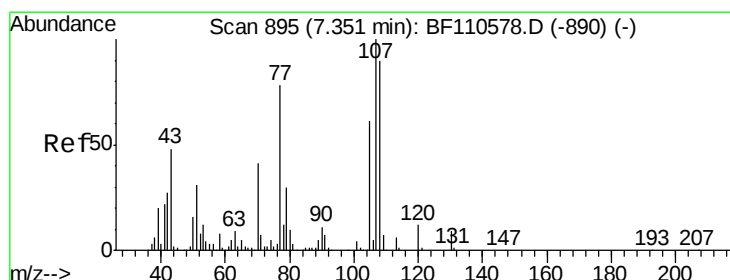
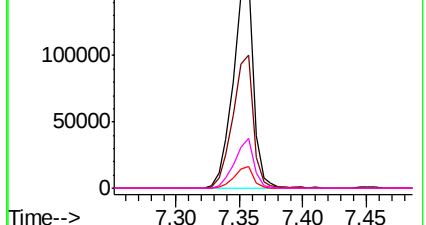


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 40.983 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

Tgt Ion:107 Resp: 252351

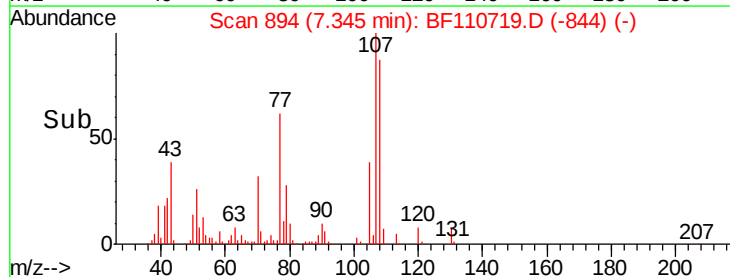
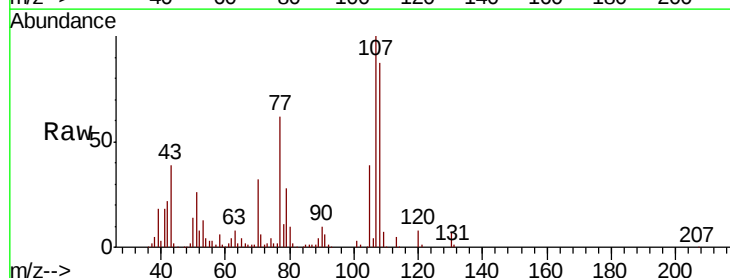
Ion Ratio Lower Upper

107 100

108 86.6 71.4 111.4

77 62.0 47.3 87.3

79 28.0 10.9 50.9

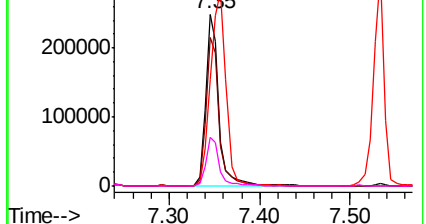


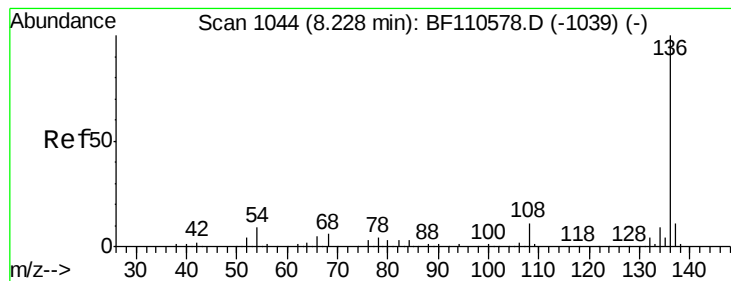
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:136 Resp: 358621

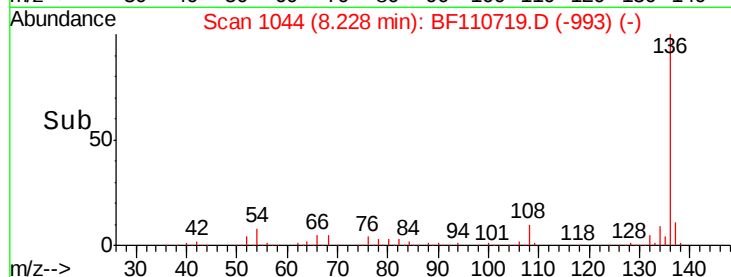
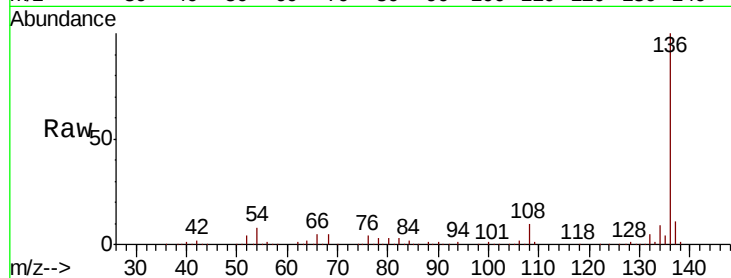
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 8.3 5.4 8.2#

68 4.9 4.2 6.2

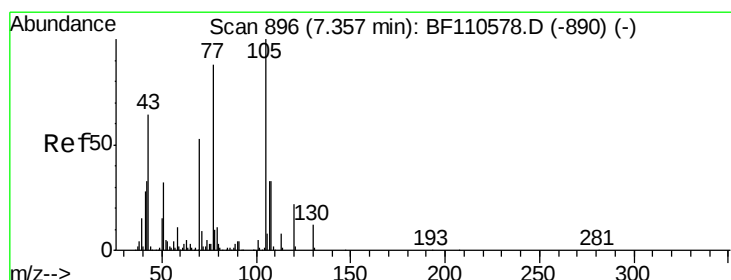
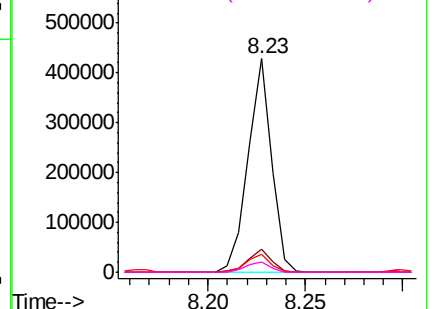


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.491 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.00 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

Tgt Ion:105 Resp: 338416

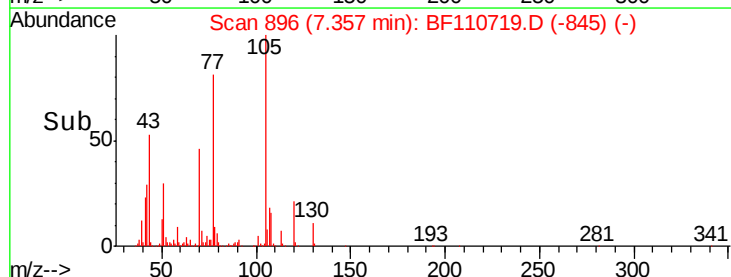
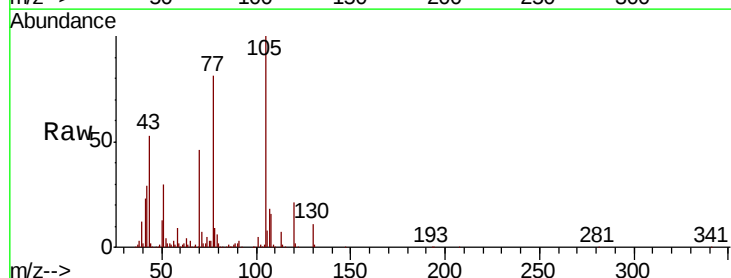
Ion Ratio Lower Upper

105 100

71 7.3 5.2 7.8

51 29.7 21.8 32.8

120 21.5 17.0 25.4

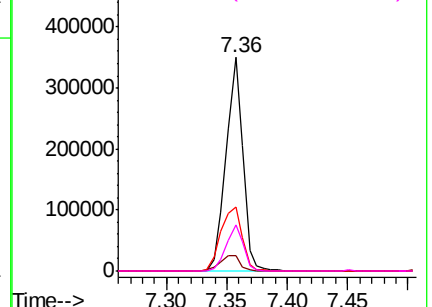


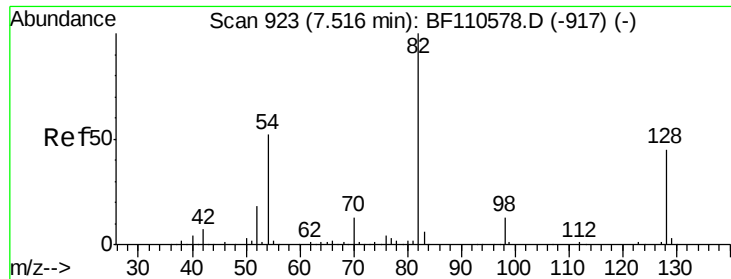
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

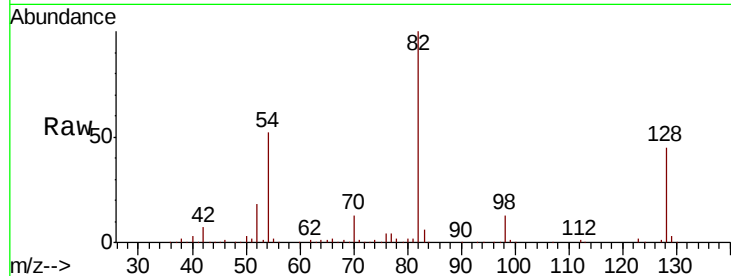




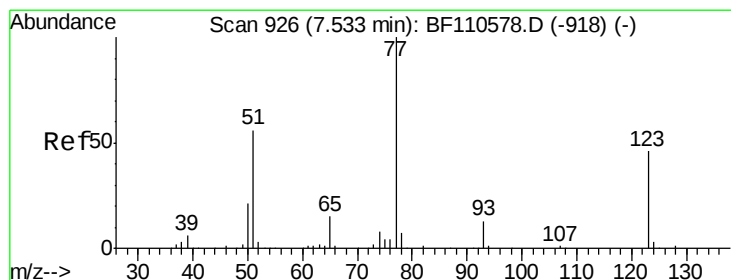
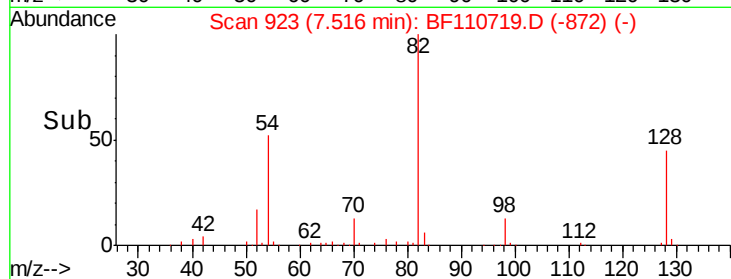
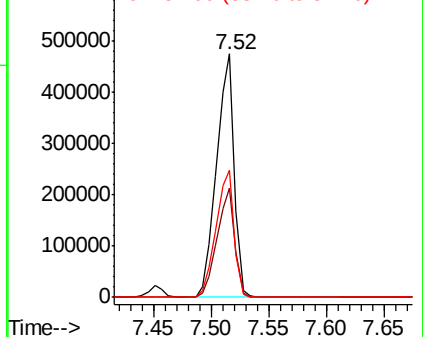
#23  
Nitrobenzene-d5  
Concen: 80.867 ng  
RT: 7.52 min Scan# 923  
Delta R.T. 0.00 min  
Lab File: BF110719.D  
Acq: 13 Nov 2018 15:14

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion   | 82   | Resp  | 503576 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 45.1 | 34.2  | 51.2   |
| 54        | 52.3 | 38.6  | 58.0   |

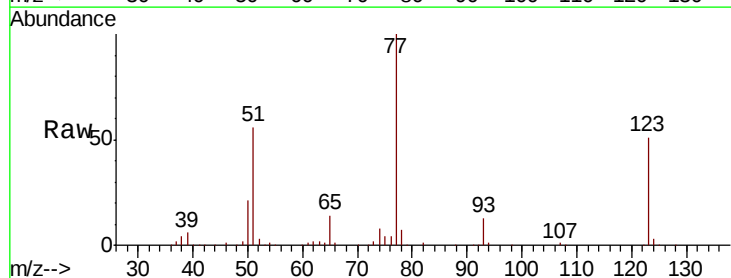


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): BF1  
Ion 54.00 (53.70 to 54.70): BF1

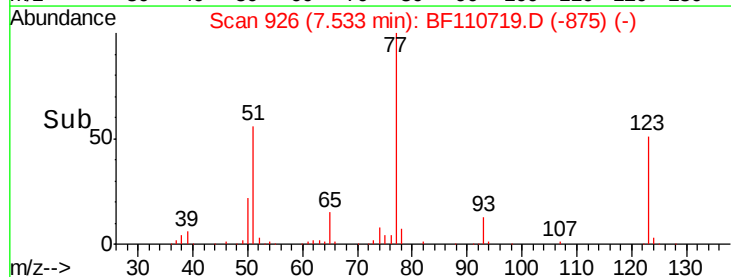
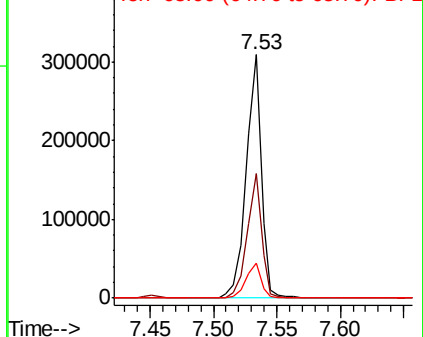


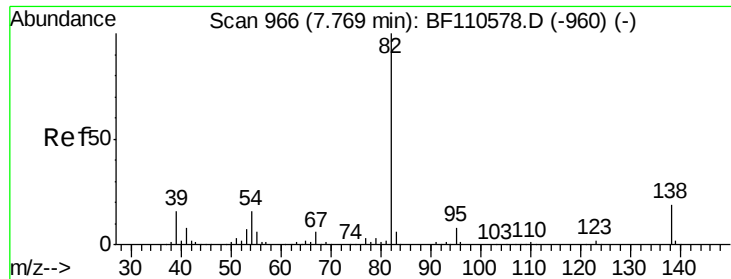
#24  
Nitrobenzene  
Concen: 40.061 ng  
RT: 7.53 min Scan# 926  
Delta R.T. 0.00 min  
Lab File: BF110719.D  
Acq: 13 Nov 2018 15:14

| Tgt Ion   | 77   | Resp  | 255598 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 123       | 51.0 | 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: 41.474 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

Instrument :

BNA\_F

ClientSampled :

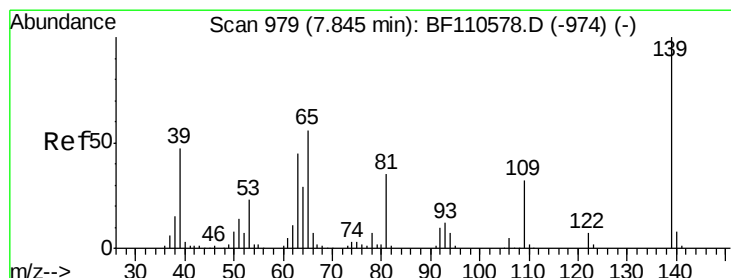
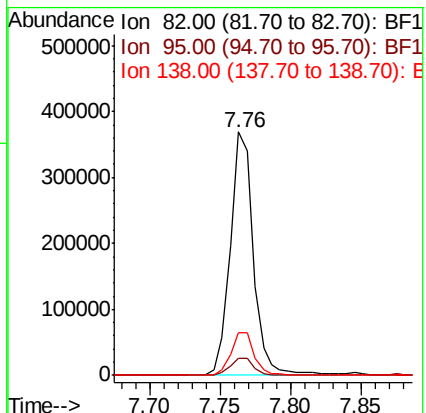
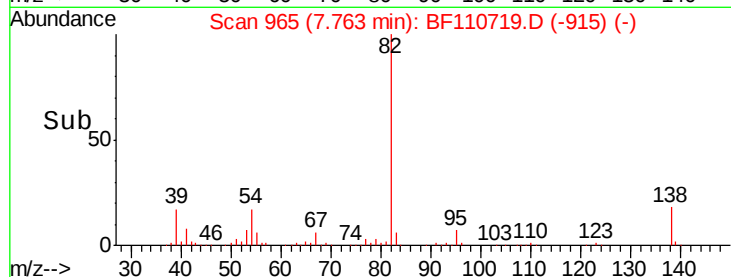
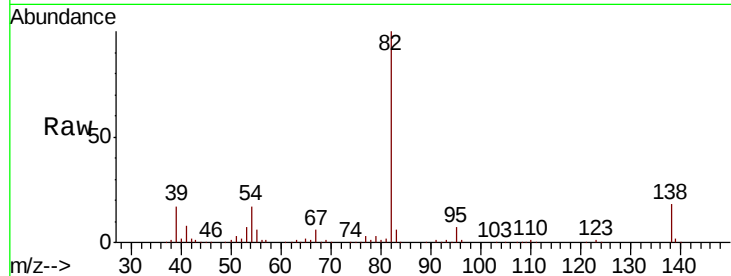
Tot Ion: 82 Resp: 423303

Ion Ratio Lower Upper

82 100

95 7.2 5.7 8.5

138 17.5 13.2 19.8



#26

2-Nitrophenol

Concen: 40.558 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.00 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

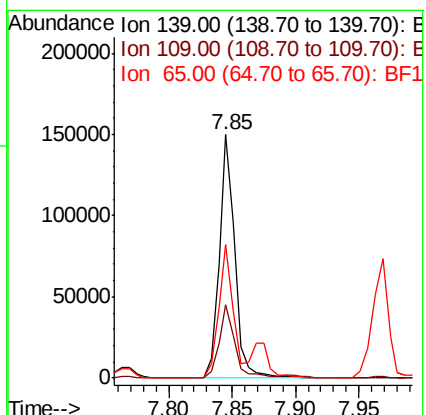
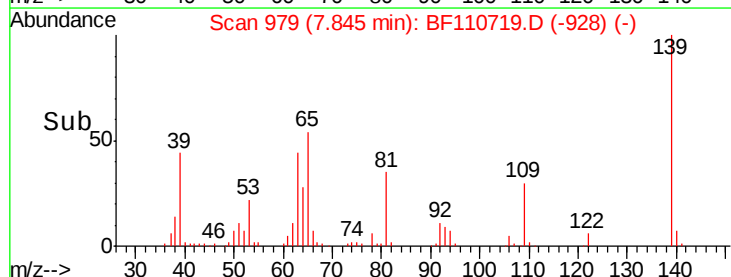
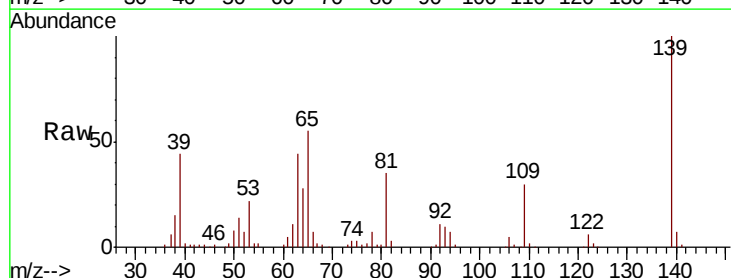
Tgt Ion: 139 Resp: 129092

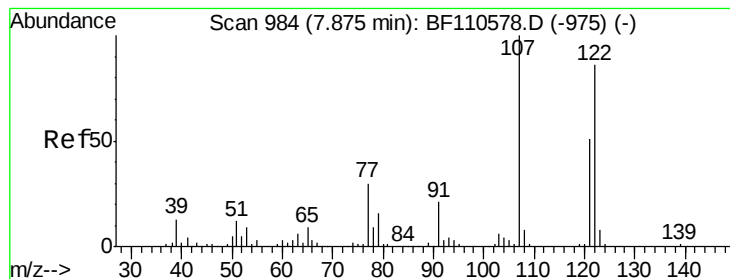
Ion Ratio Lower Upper

139 100

109 30.0 25.0 37.6

65 54.6 44.0 66.0





#27

2,4-Dimethylphenol

Concen: 40.688 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.00 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

Instrument :

BNA\_F

ClientSampleId :

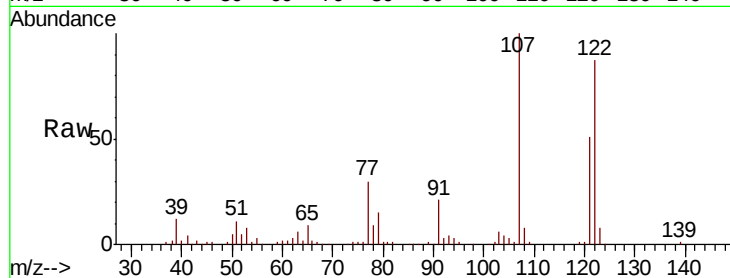
Tot Ion:122 Resp: 197233

Ion Ratio Lower Upper

122 100

107 114.7 92.5 138.7

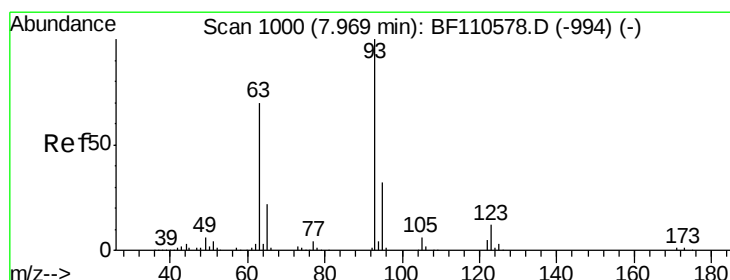
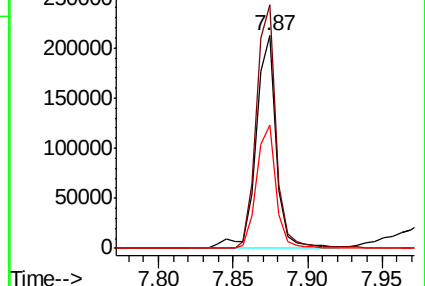
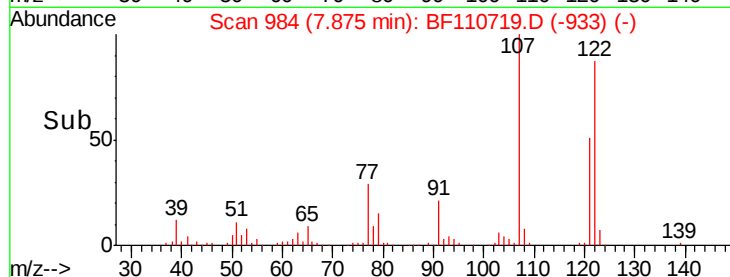
121 57.9 45.8 68.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.185 ng

RT: 7.97 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

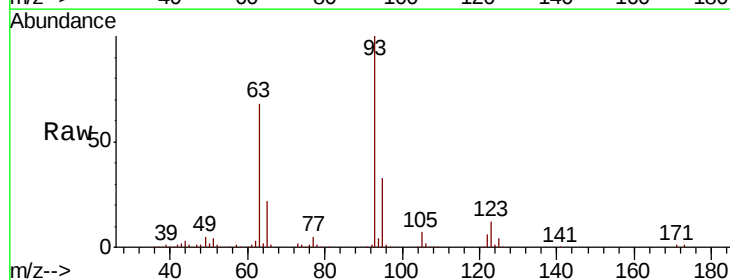
Tgt Ion: 93 Resp: 284608

Ion Ratio Lower Upper

93 100

95 32.6 26.4 39.6

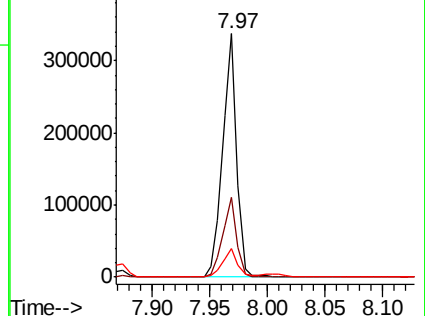
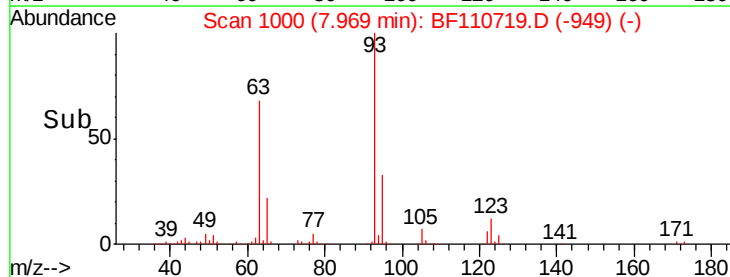
123 11.8 9.0 13.6

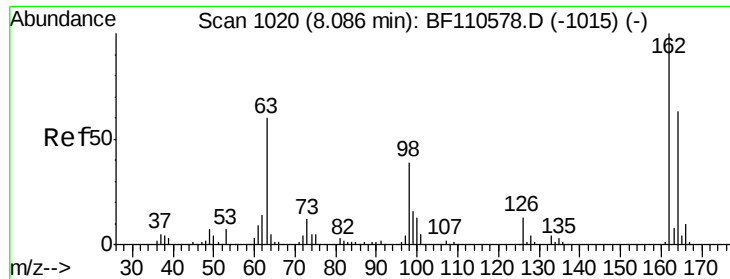


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

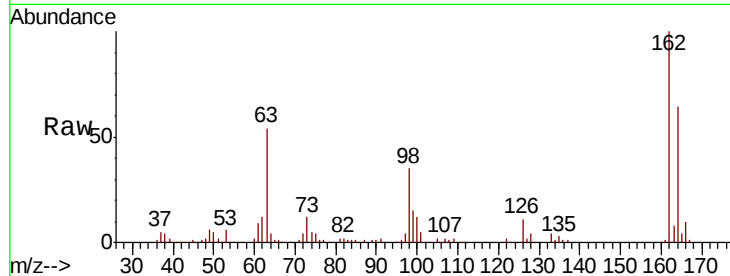




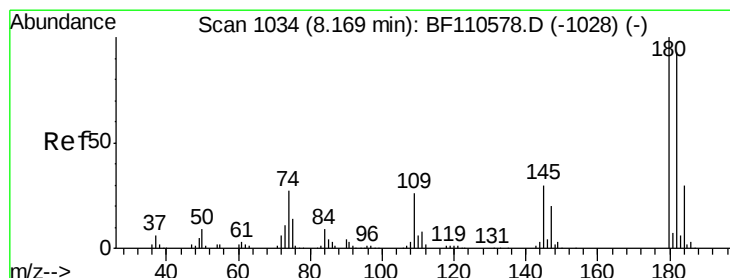
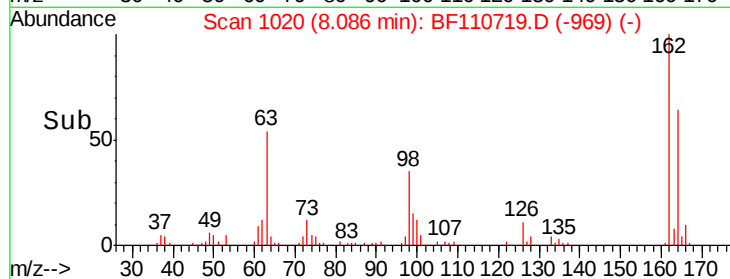
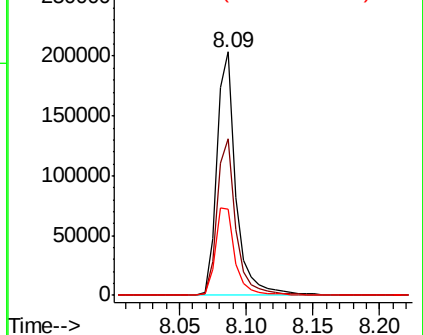
#29  
 2,4-Dichlorophenol  
 Concen: 41.151 ng  
 RT: 8.09 min Scan# 1020  
 Delta R.T. 0.00 min  
 Lab File: BF110719.D  
 Acq: 13 Nov 2018 15:14

Instrument :  
 BNA\_F  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.4  | 44.6  | 84.6  |
| 98      | 35.1  | 17.4  | 57.4  |

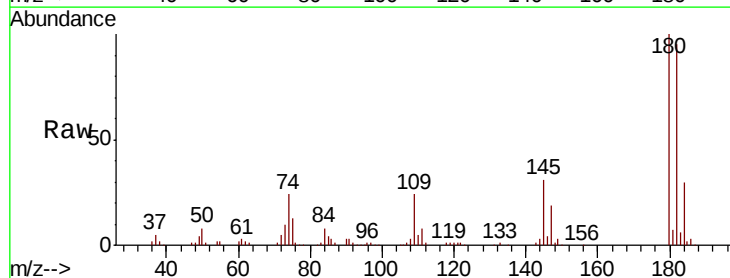


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF1

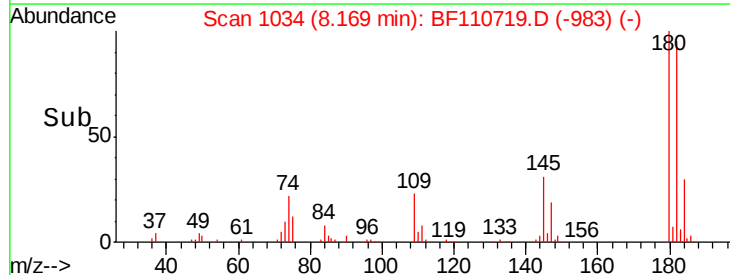
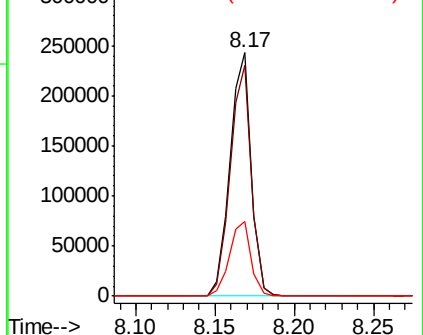


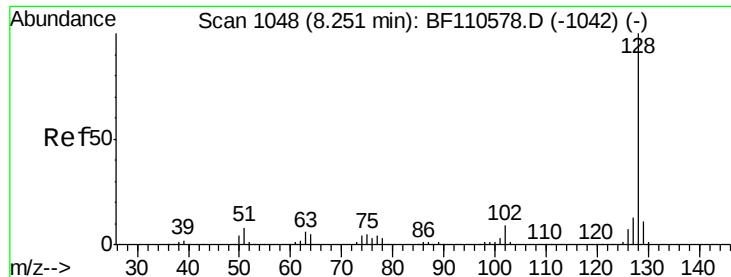
#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.016 ng  
 RT: 8.17 min Scan# 1034  
 Delta R.T. 0.00 min  
 Lab File: BF110719.D  
 Acq: 13 Nov 2018 15:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.0  | 80.3  | 120.5 |
| 145     | 30.8  | 25.4  | 38.0  |



Abundance Ion 180.00 (179.70 to 180.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 145.00 (144.70 to 145.70): E

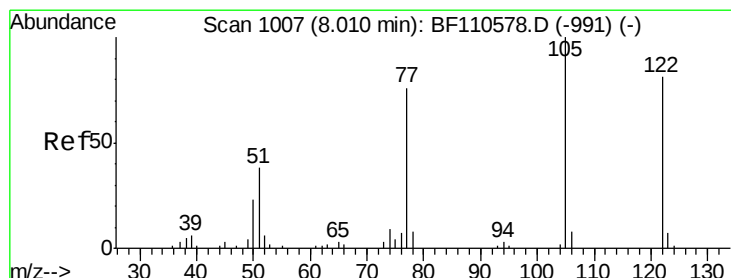
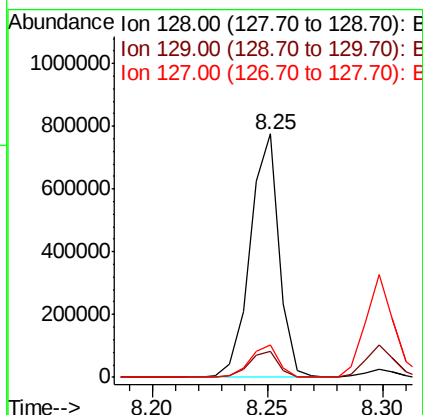
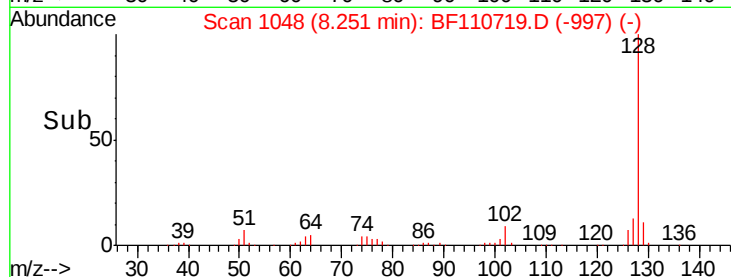
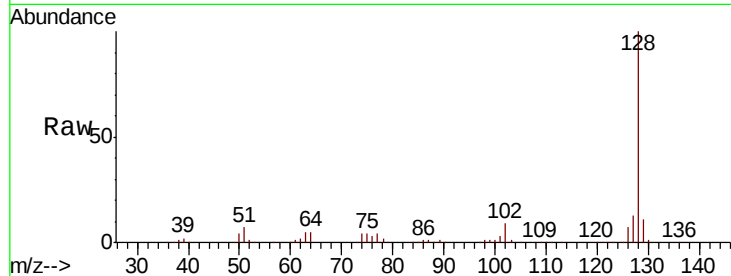




#31  
Naphthalene  
Concen: 40.231 ng  
RT: 8.25 min Scan# 1048  
Delta R.T. 0.00 min  
Lab File: BF110719.D  
Acq: 13 Nov 2018 15:14

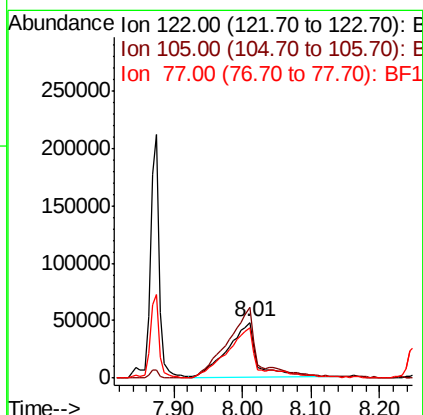
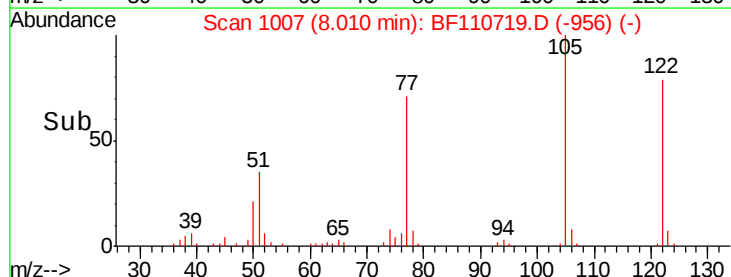
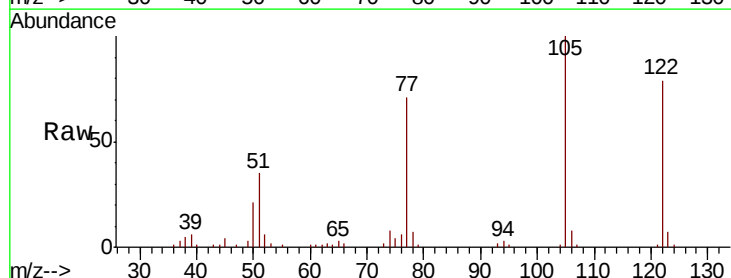
Instrument :  
BNA\_F  
ClientSampleId :

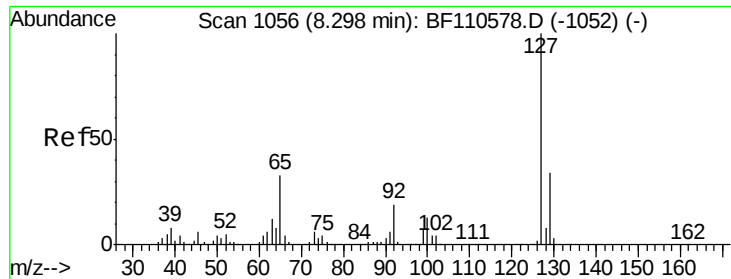
Tot Ion:128 Resp: 677298  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.8 13.2  
127 13.1 10.8 16.2



#32  
Benzoic acid  
Concen: 42.641 ng  
RT: 8.01 min Scan# 1007  
Delta R.T. -0.00 min  
Lab File: BF110719.D  
Acq: 13 Nov 2018 15:14

Tgt Ion:122 Resp: 146249  
Ion Ratio Lower Upper  
122 100  
105 126.6 109.0 149.0  
77 90.0 79.0 119.0

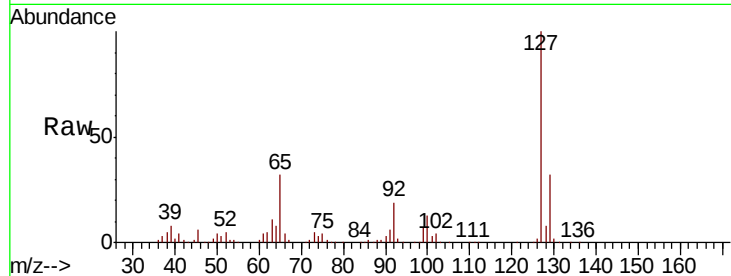




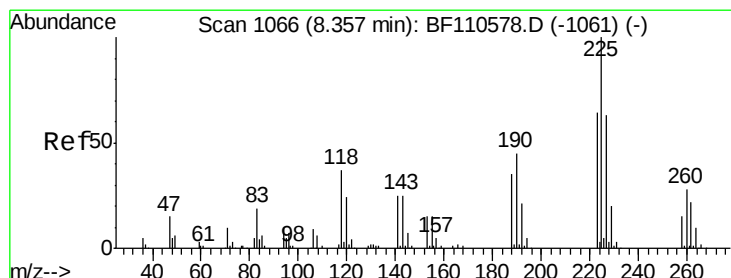
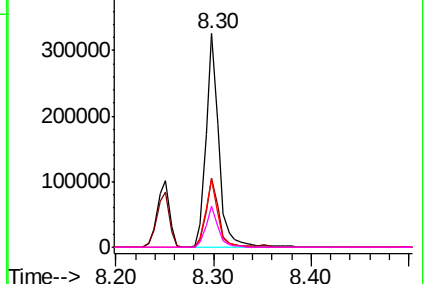
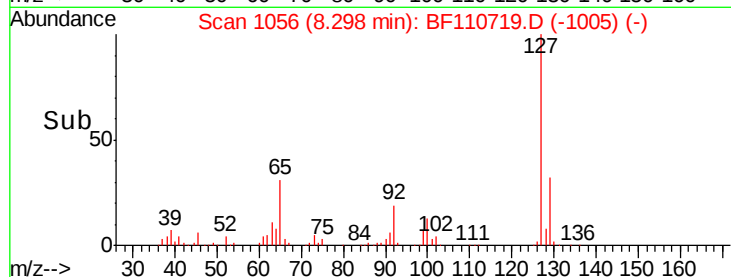
#33  
4-Chloroaniline  
Concen: 38.811 ng  
RT: 8.30 min Scan# 1056  
Delta R.T. -0.00 min  
Lab File: BF110719.D  
Acq: 13 Nov 2018 15:14

Instrument :  
BNA\_F  
ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 295962 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.2  | 26.0  | 39.0   |
| 65       | 31.7  | 25.1  | 37.7   |
| 92       | 19.2  | 15.0  | 22.6   |

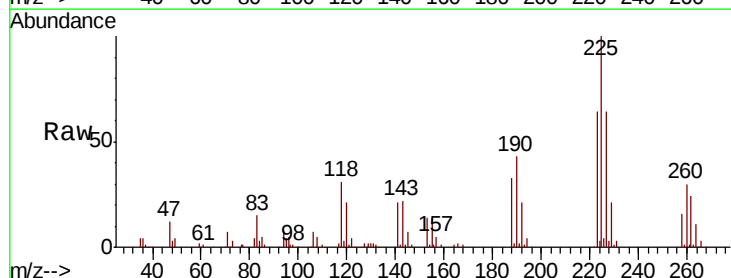


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

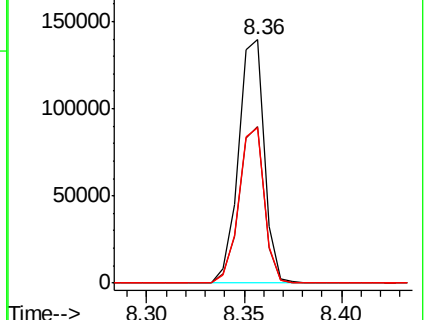
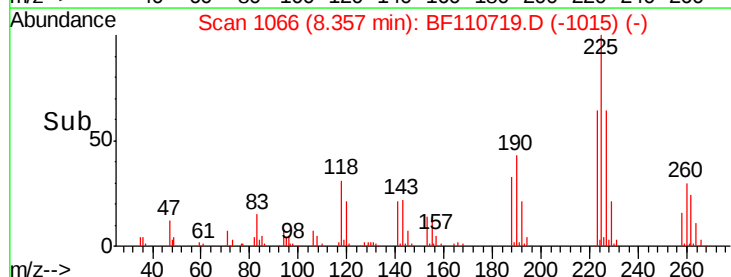


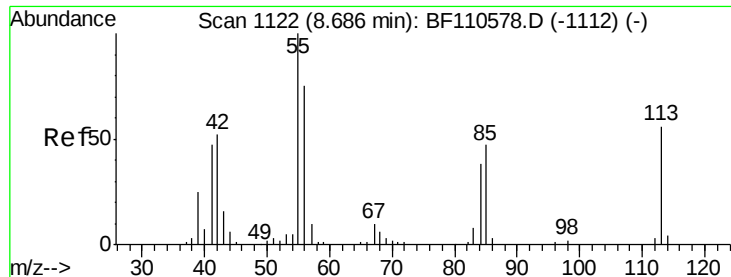
#34  
Hexachlorobutadiene  
Concen: 39.995 ng  
RT: 8.36 min Scan# 1066  
Delta R.T. 0.00 min  
Lab File: BF110719.D  
Acq: 13 Nov 2018 15:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 128469 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.3  | 51.4  | 77.2   |
| 227      | 64.0  | 51.0  | 76.6   |



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





#35

Caprolactam

Concen: 42.009 ng

RT: 8.68 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

Instrument :

BNA\_F

ClientSampled :

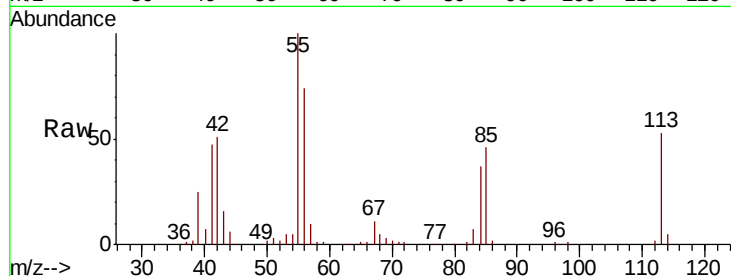
Tot Ion:113 Resp: 70005

Ion Ratio Lower Upper

113 100

55 187.6 142.8 182.8#

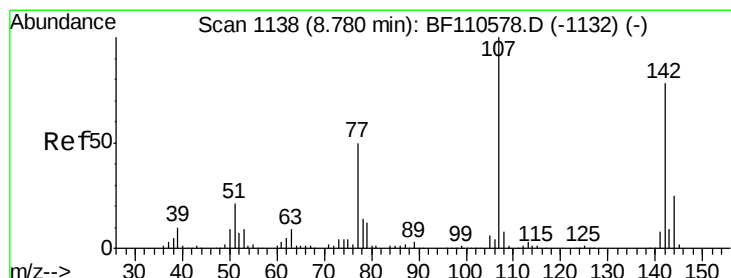
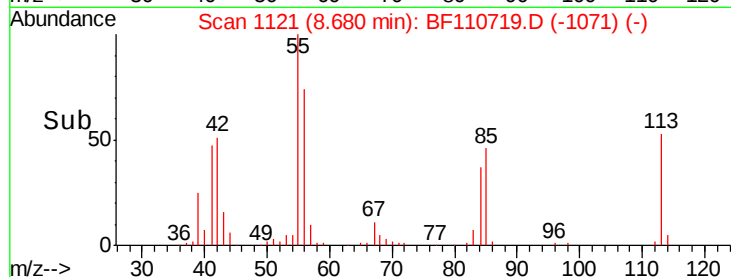
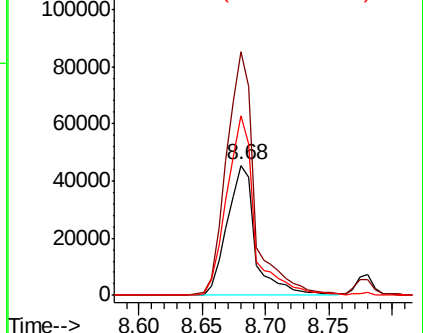
56 138.8 105.0 145.0



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: 42.136 ng

RT: 8.78 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

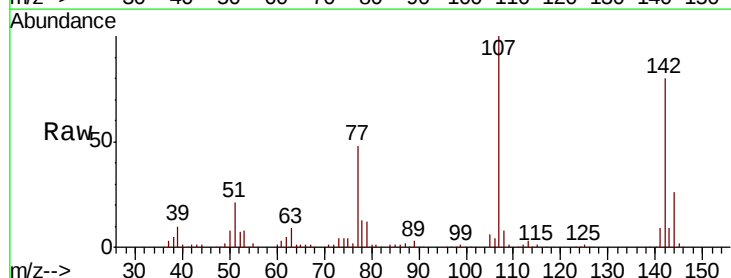
Tgt Ion:107 Resp: 226662

Ion Ratio Lower Upper

107 100

144 26.1 20.0 30.0

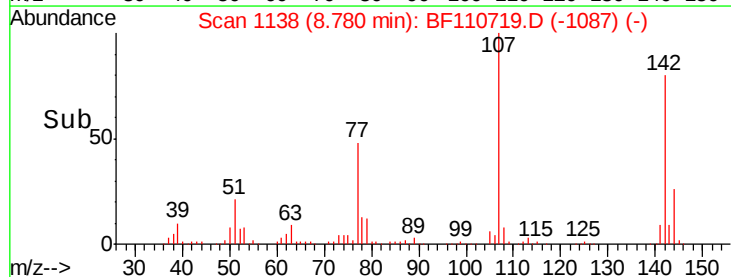
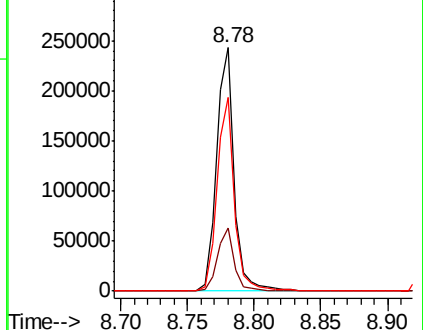
142 79.7 59.7 89.5

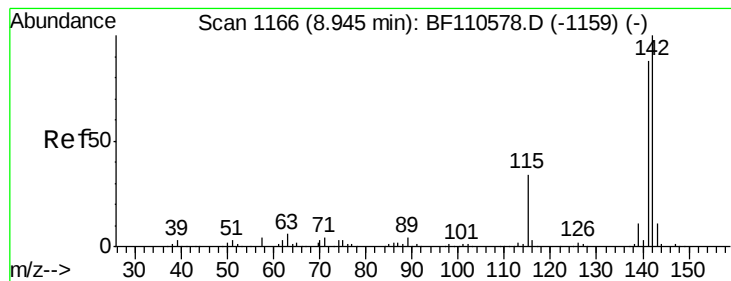


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

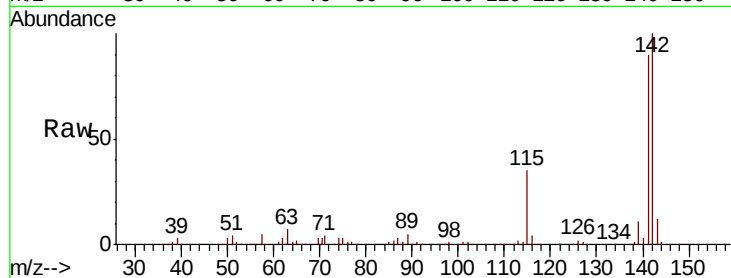




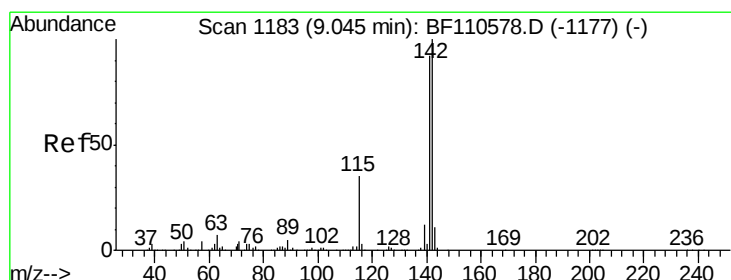
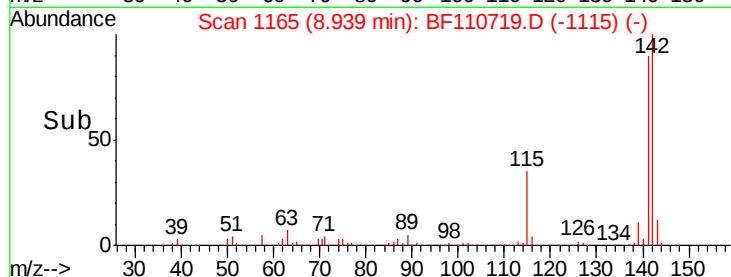
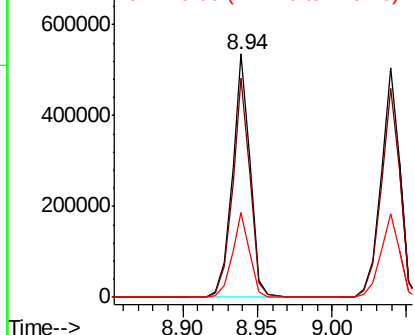
#37  
2-Methylnaphthalene  
Concen: 40.475 ng  
RT: 8.94 min Scan# 1165  
Delta R.T. -0.01 min  
Lab File: BF110719.D  
Acq: 13 Nov 2018 15:14

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:142 Resp: 446700  
Ion Ratio Lower Upper  
142 100  
141 90.0 71.4 107.2  
115 34.8 28.7 43.1

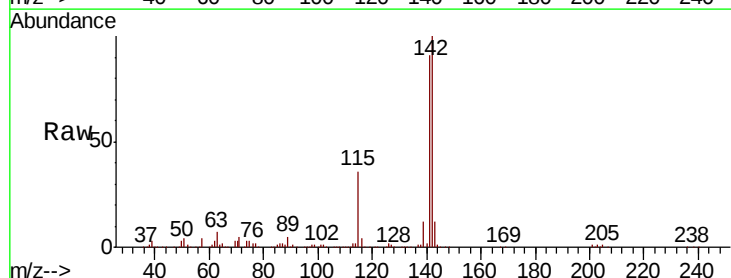


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

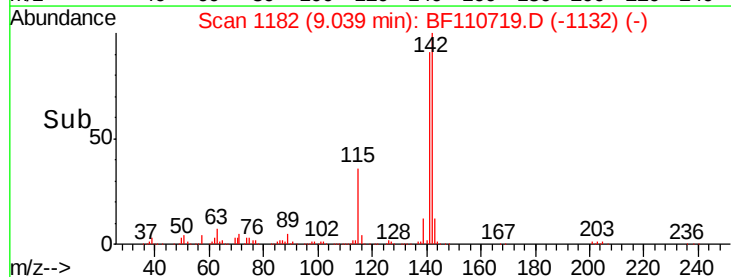
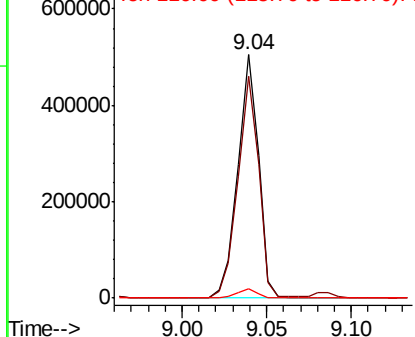


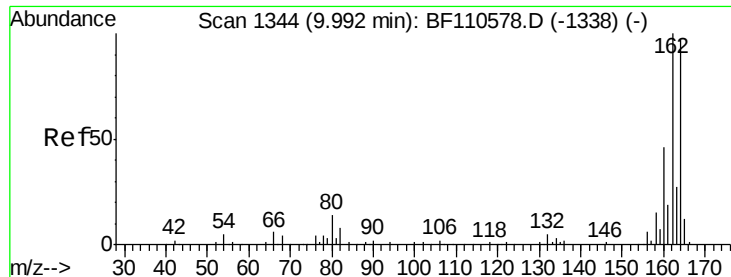
#38  
1-Methylnaphthalene  
Concen: 40.433 ng  
RT: 9.04 min Scan# 1182  
Delta R.T. -0.01 min  
Lab File: BF110719.D  
Acq: 13 Nov 2018 15:14

Tgt Ion:142 Resp: 429147  
Ion Ratio Lower Upper  
142 100  
141 91.2 74.2 111.4  
116 3.8 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: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

Instrument :

BNA\_F

ClientSampled :

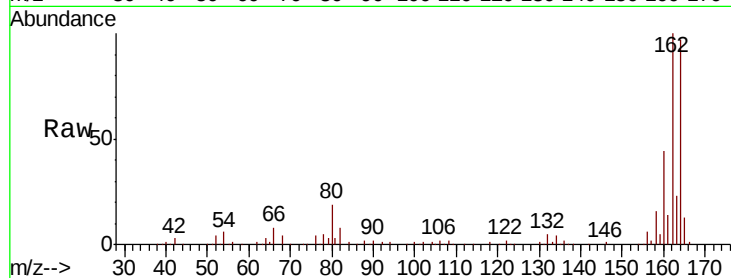
Tot Ion:164 Resp: 177837

Ion Ratio Lower Upper

164 100

162 102.6 83.0 124.6

160 45.3 37.0 55.6

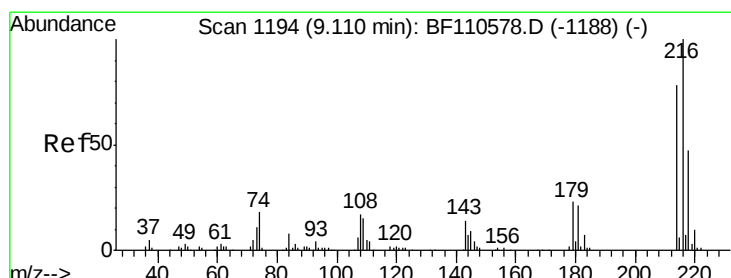
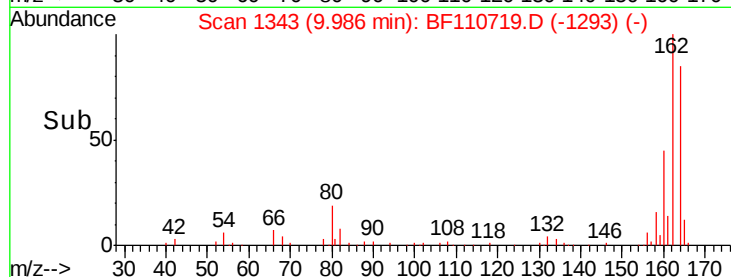
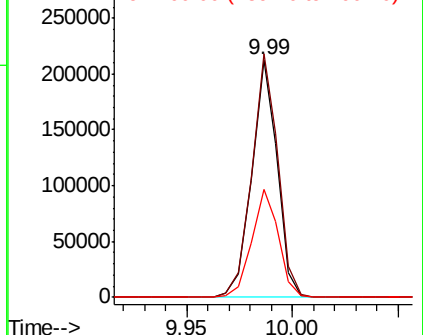


Abundance

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: 39.145 ng

RT: 9.10 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

Tgt Ion:216 Resp: 220357

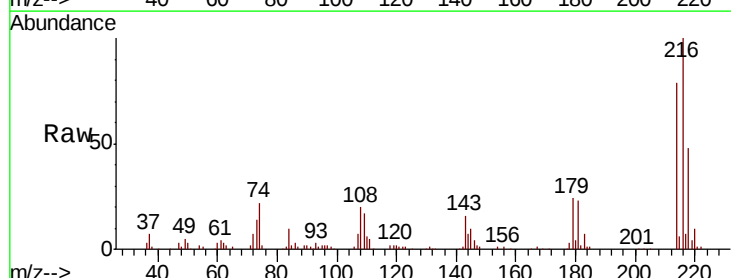
Ion Ratio Lower Upper

216 100

214 79.4 63.8 95.6

179 23.2 16.6 25.0

108 19.7 15.1 22.7



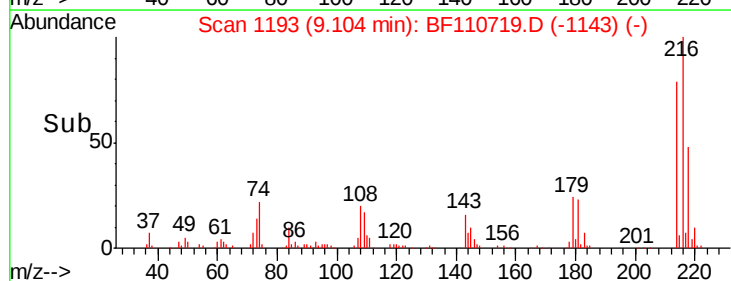
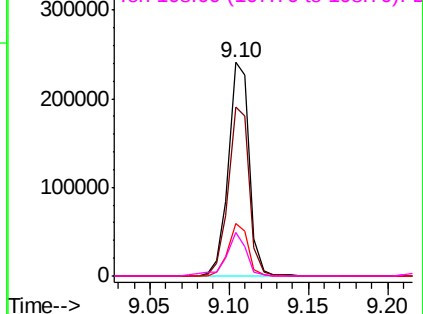
Abundance

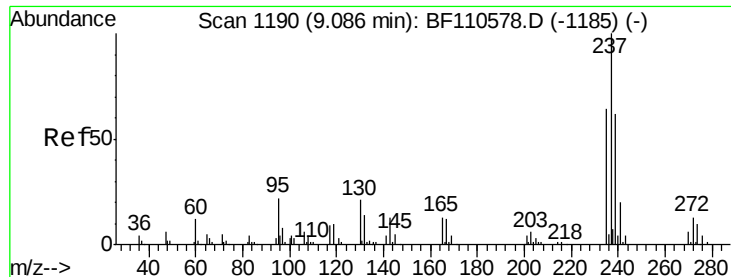
Ion 216.00 (215.70 to 216.70): E

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: 39.865 ng

RT: 9.09 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

Instrument :

BNA\_F

ClientSampled :

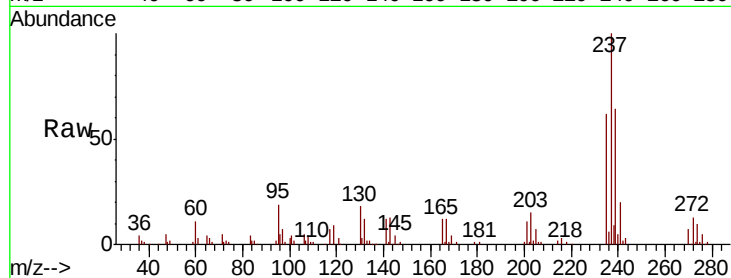
Tot Ion:237 Resp: 78203

Ion Ratio Lower Upper

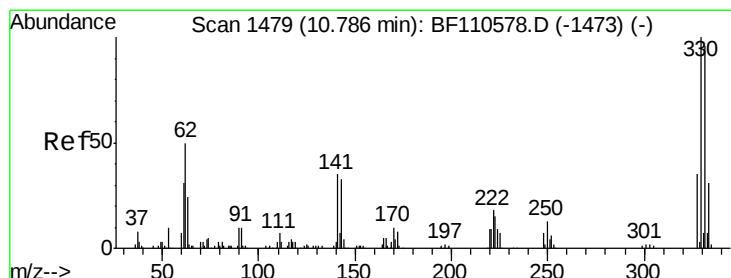
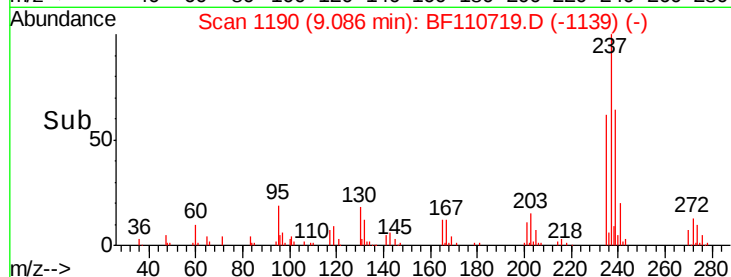
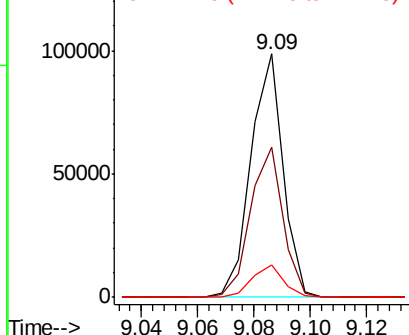
237 100

235 61.9 43.1 83.1

272 13.1 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: 80.030 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

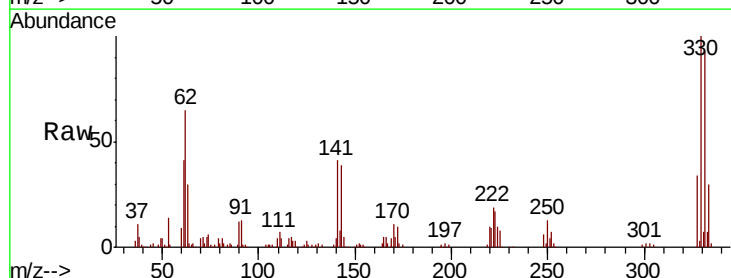
Tgt Ion:330 Resp: 143409

Ion Ratio Lower Upper

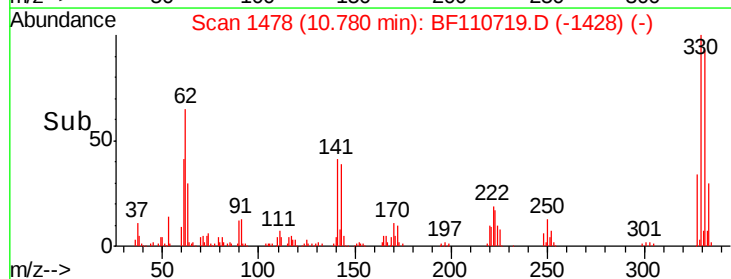
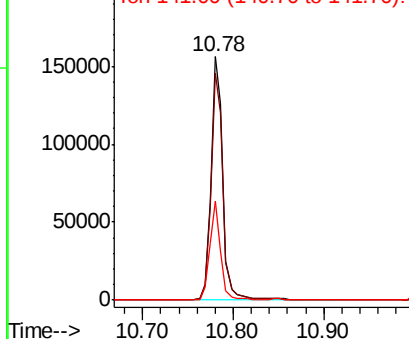
330 100

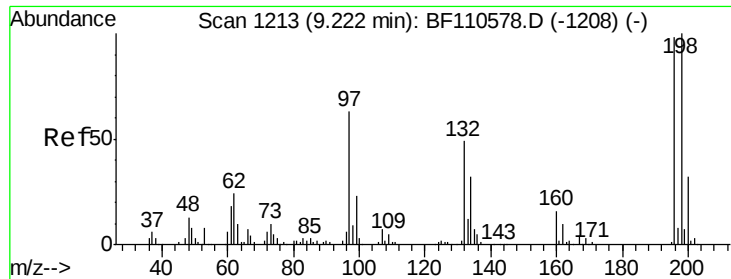
332 94.2 77.1 115.7

141 37.5 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

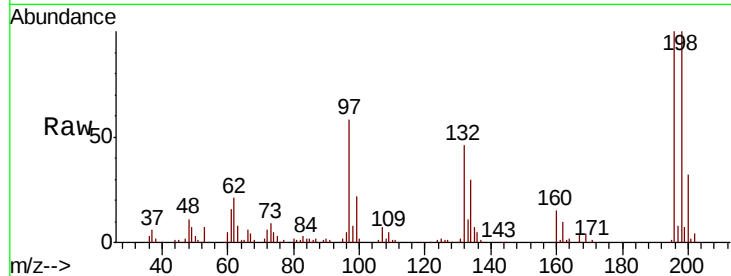




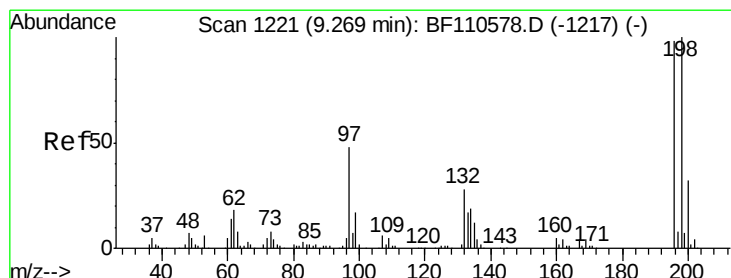
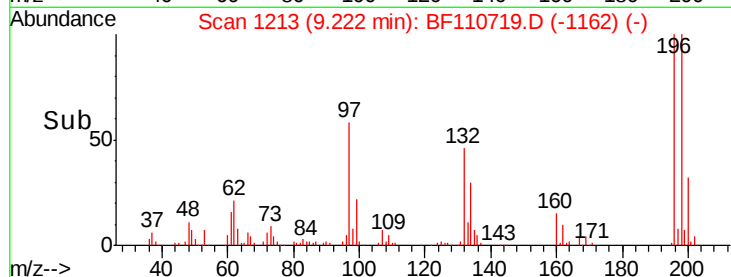
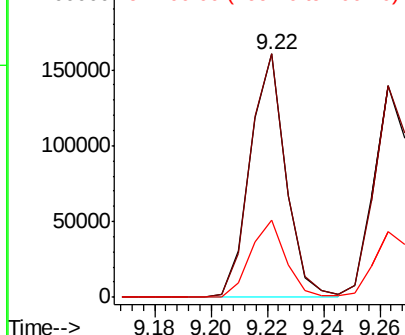
#43  
 2,4,6-Trichlorophenol  
 Concen: 39.699 ng  
 RT: 9.22 min Scan# 1213  
 Delta R.T. 0.00 min  
 Lab File: BF110719.D  
 Acq: 13 Nov 2018 15:14

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:196 Resp: 140431  
 Ion Ratio Lower Upper  
 196 100  
 198 99.8 76.2 114.4  
 200 32.0 24.4 36.6

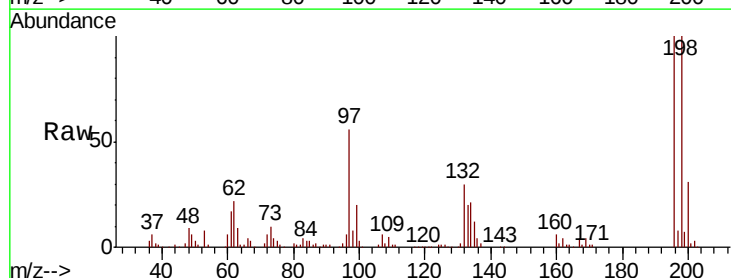


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

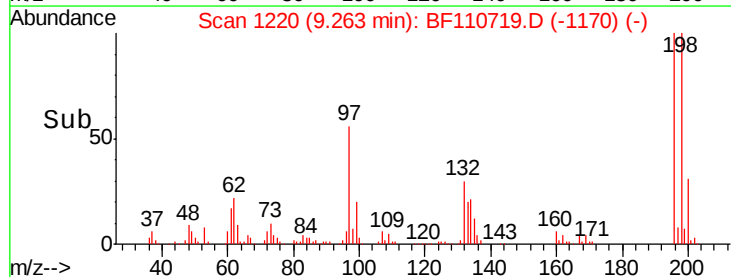
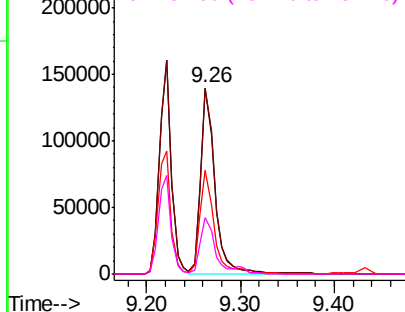


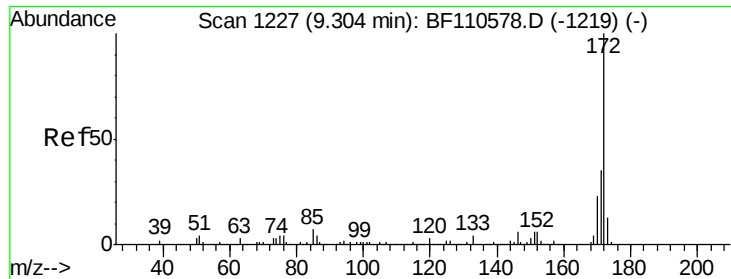
#44  
 2,4,5-Trichlorophenol  
 Concen: 39.527 ng  
 RT: 9.26 min Scan# 1220  
 Delta R.T. -0.01 min  
 Lab File: BF110719.D  
 Acq: 13 Nov 2018 15:14

Tgt Ion:196 Resp: 149149  
 Ion Ratio Lower Upper  
 196 100  
 198 100.2 75.8 113.6  
 97 56.1 42.4 63.6  
 132 30.3 22.8 34.2



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

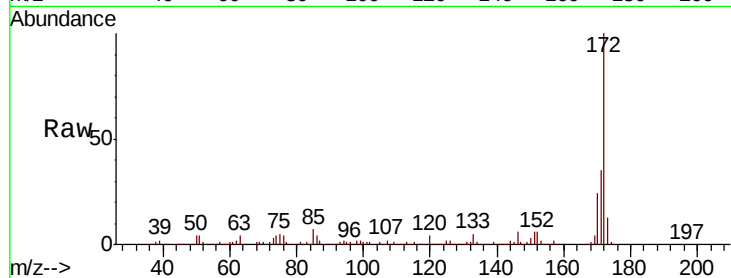




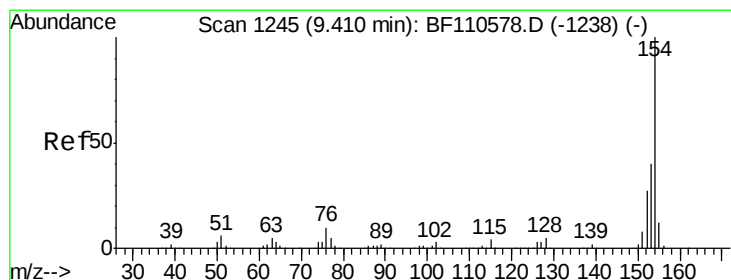
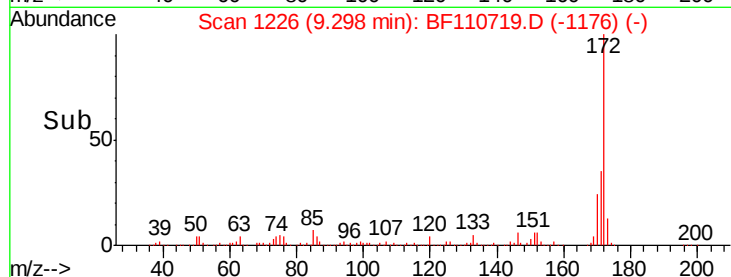
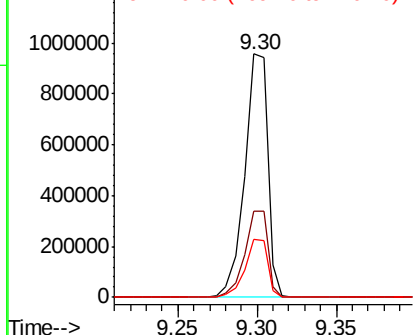
#45  
 2-Fluorobiphenyl  
 Concen: 77.211 ng  
 RT: 9.30 min Scan# 1226  
 Delta R.T. -0.01 min  
 Lab File: BF110719.D  
 Acq: 13 Nov 2018 15:14

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:172 Resp: 961433  
 Ion Ratio Lower Upper  
 172 100  
 171 35.4 28.6 43.0  
 170 24.0 19.7 29.5

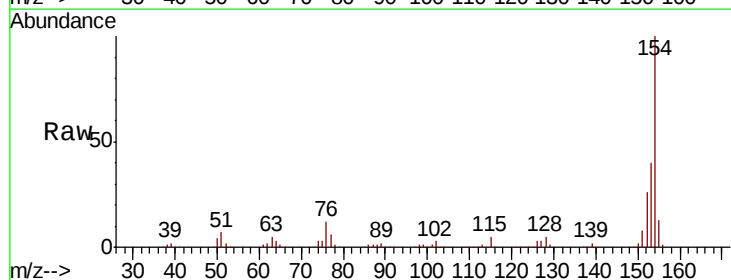


Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

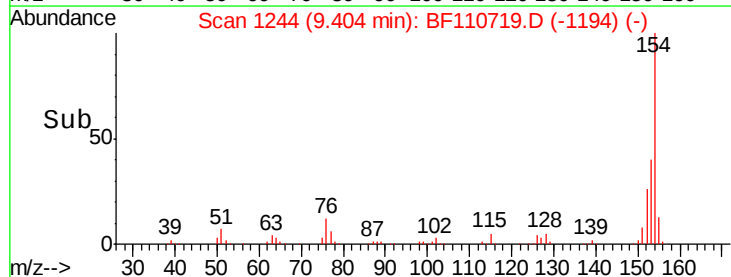
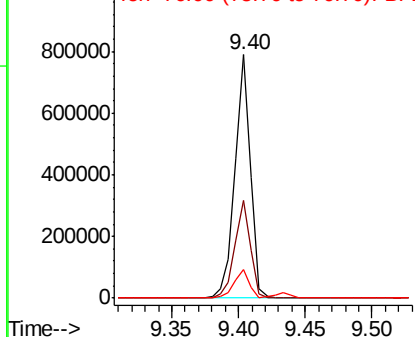


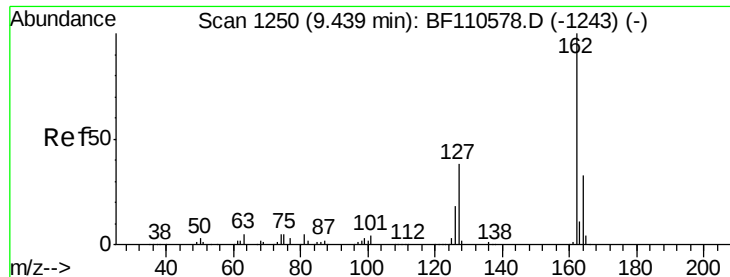
#46  
 1,1'-Biphenyl  
 Concen: 39.181 ng  
 RT: 9.40 min Scan# 1244  
 Delta R.T. -0.01 min  
 Lab File: BF110719.D  
 Acq: 13 Nov 2018 15:14

Tgt Ion:154 Resp: 649999  
 Ion Ratio Lower Upper  
 154 100  
 153 40.3 20.4 60.4  
 76 11.9 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

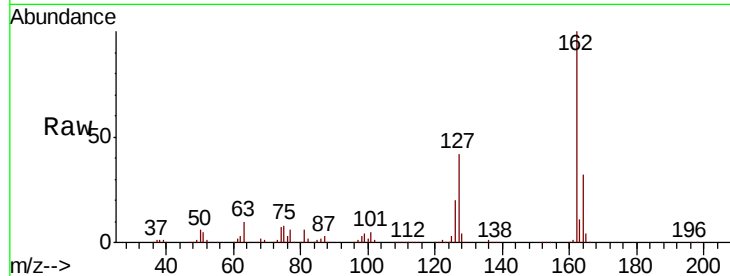




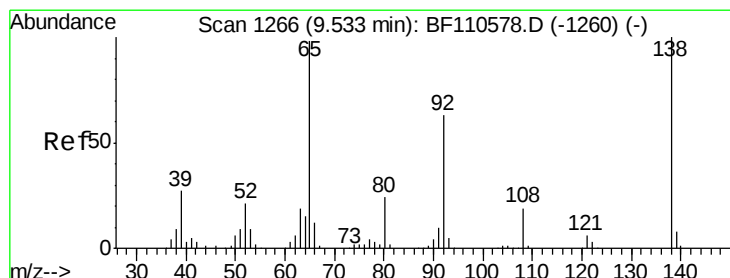
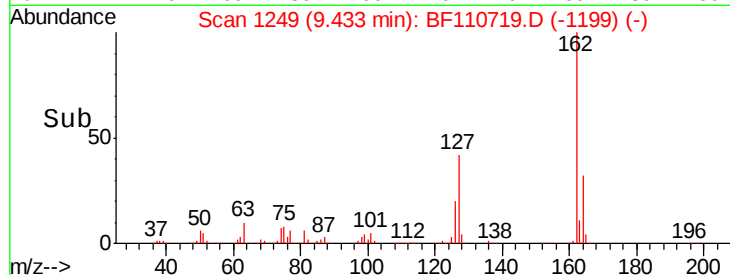
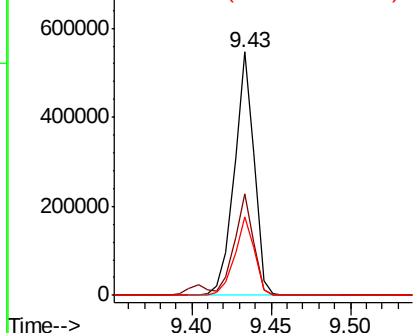
#47  
2-Chloronaphthalene  
Concen: 39.444 ng  
RT: 9.43 min Scan# 1249  
Delta R.T. -0.01 min  
Lab File: BF110719.D  
Acq: 13 Nov 2018 15:14

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 41.6  | 32.6  | 48.8  |
| 164     | 32.4  | 25.9  | 38.9  |

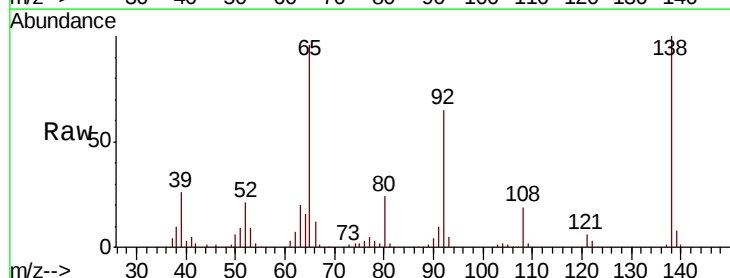


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

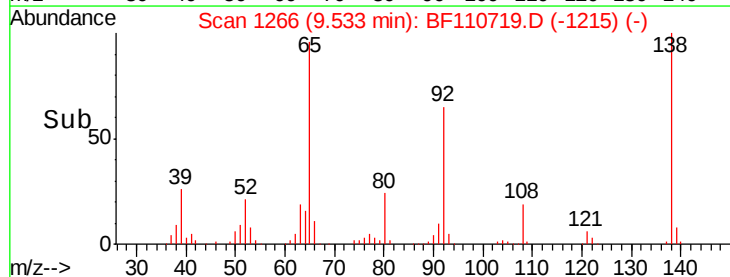
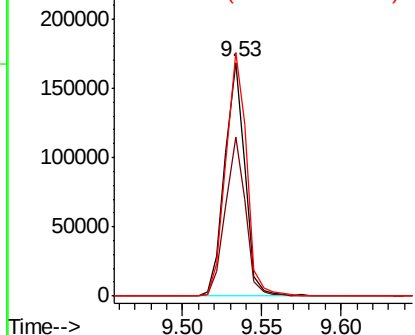


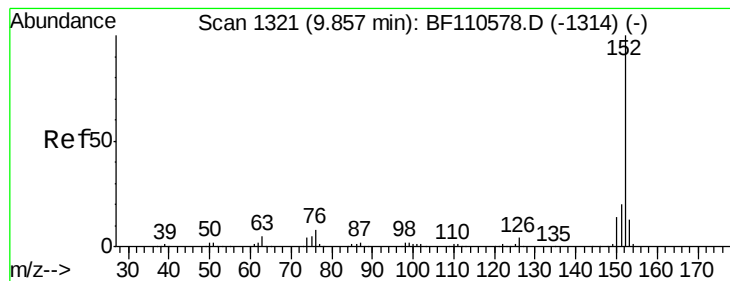
#48  
2-Nitroaniline  
Concen: 40.633 ng  
RT: 9.53 min Scan# 1266  
Delta R.T. 0.00 min  
Lab File: BF110719.D  
Acq: 13 Nov 2018 15:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 68.1  | 54.6  | 81.8  |
| 138     | 104.2 | 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: 39.670 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

Instrument :

BNA\_F

ClientSampled :

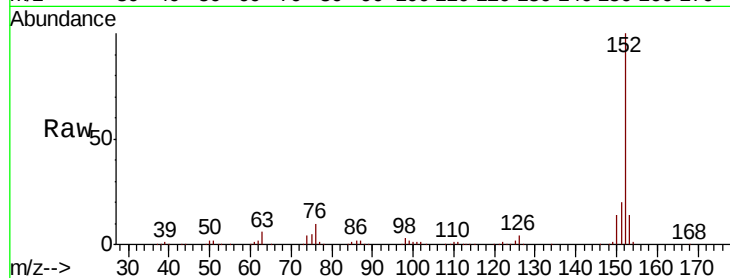
Tot Ion:152 Resp: 682809

Ion Ratio Lower Upper

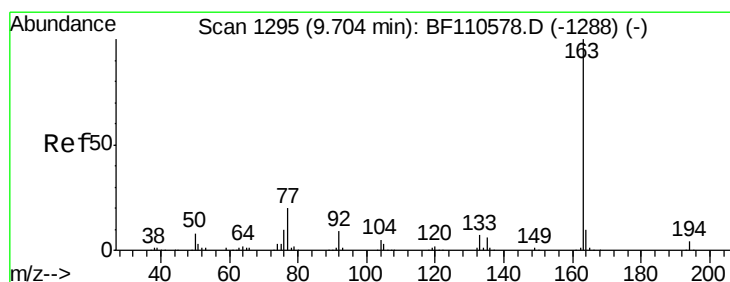
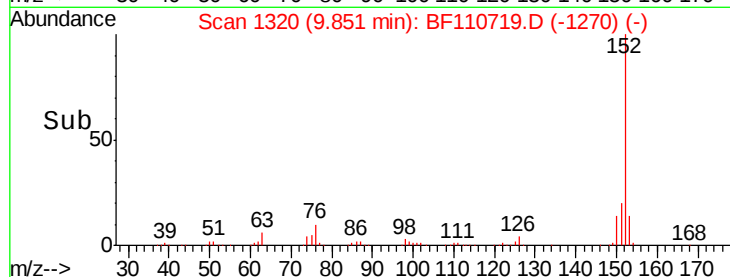
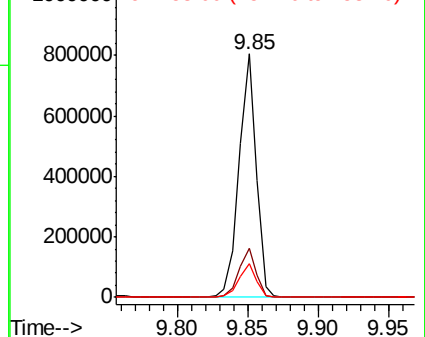
152 100

151 20.0 15.8 23.8

153 13.8 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: 39.298 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

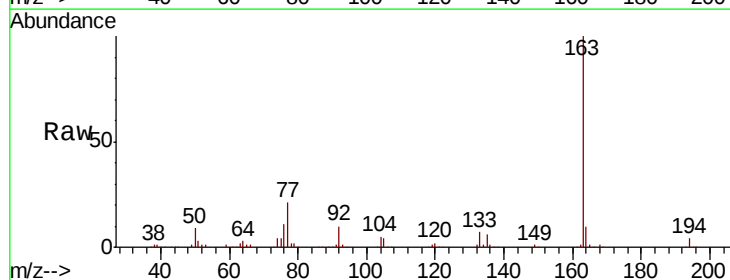
Tgt Ion:163 Resp: 521477

Ion Ratio Lower Upper

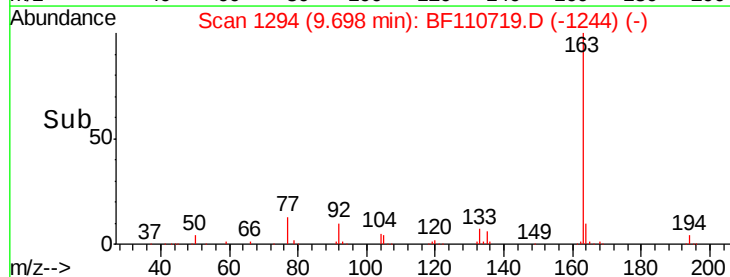
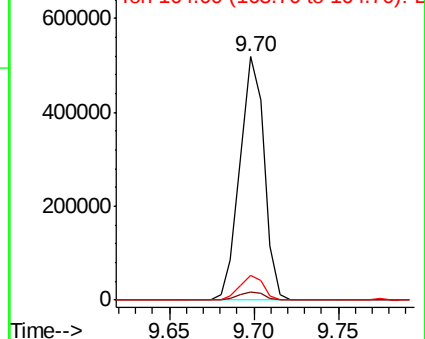
163 100

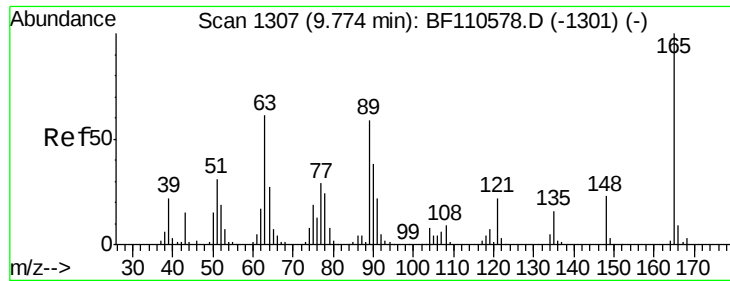
194 3.6 3.2 4.8

164 10.4 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

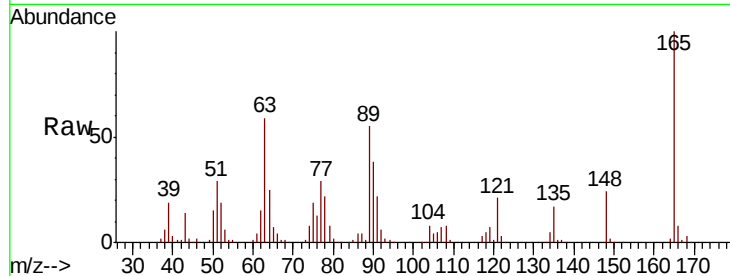




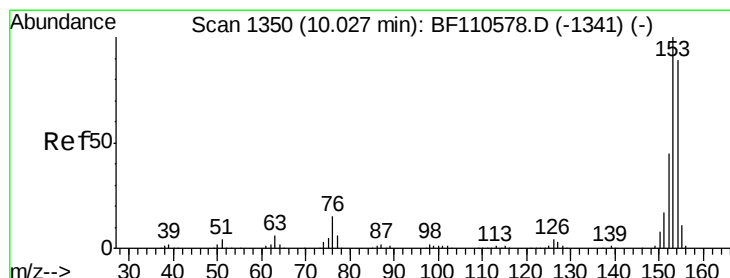
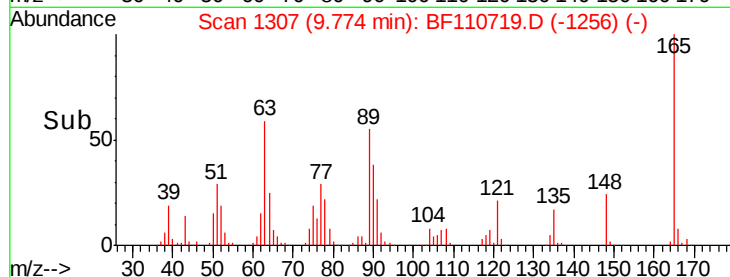
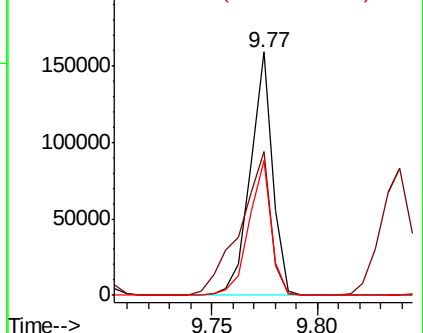
#51  
 2,6-Dinitrotoluene  
 Concen: 39.977 ng  
 RT: 9.77 min Scan# 1307  
 Delta R.T. 0.00 min  
 Lab File: BF110719.D  
 Acq: 13 Nov 2018 15:14

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:165 Resp: 116695  
 Ion Ratio Lower Upper  
 165 100  
 63 59.3 48.9 73.3  
 89 55.4 46.6 69.8

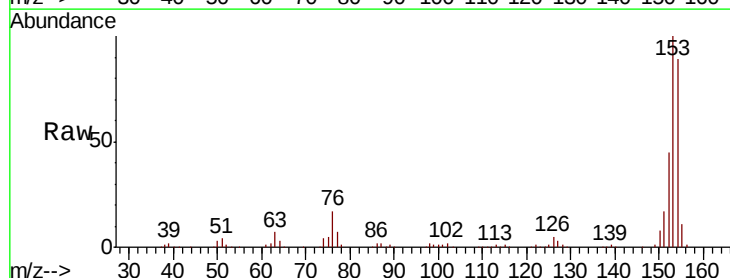


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BF1  
 Ion 89.00 (88.70 to 89.70): BF1

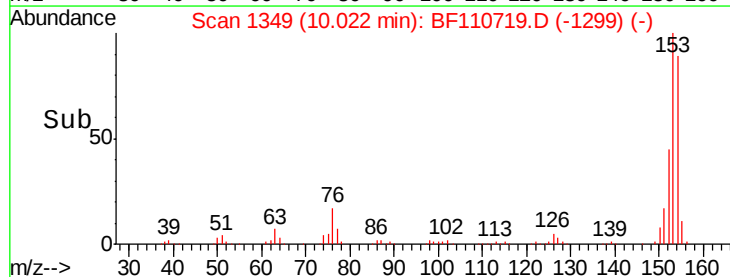
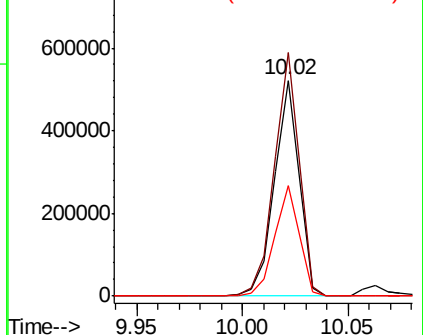


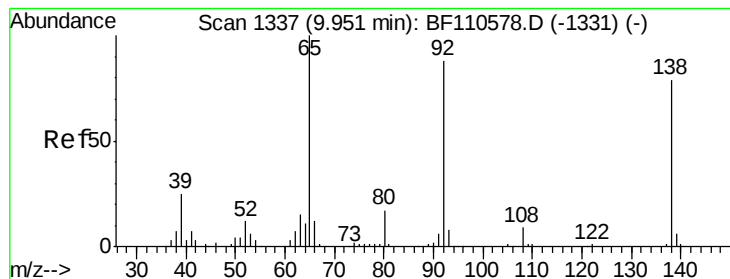
#52  
 Acenaphthene  
 Concen: 39.025 ng  
 RT: 10.02 min Scan# 1349  
 Delta R.T. -0.01 min  
 Lab File: BF110719.D  
 Acq: 13 Nov 2018 15:14

Tgt Ion:154 Resp: 424498  
 Ion Ratio Lower Upper  
 154 100  
 153 112.7 90.1 135.1  
 152 51.0 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: 39.915 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

Instrument :

BNA\_F

ClientSampleId :

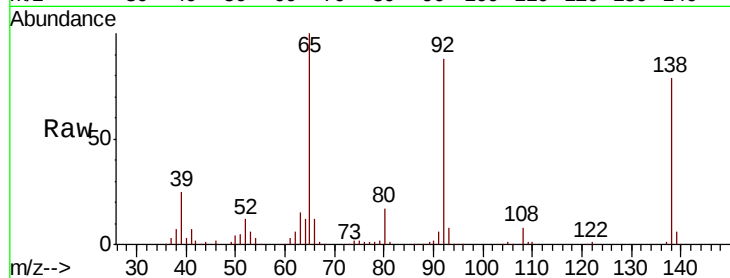
Tot Ion:138 Resp: 134987

Ion Ratio Lower Upper

138 100

108 10.1 8.7 13.1

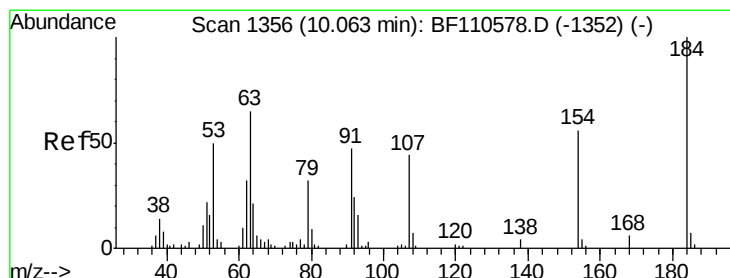
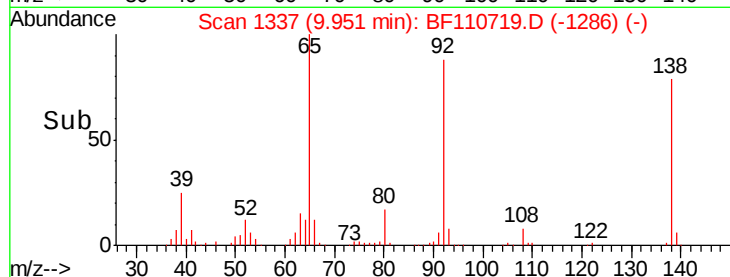
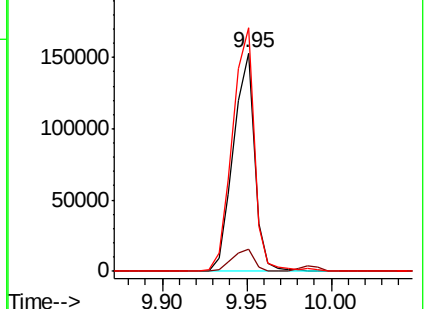
92 111.4 97.0 145.4



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: 32.984 ng

RT: 10.06 min Scan# 1356

Delta R.T. 0.00 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

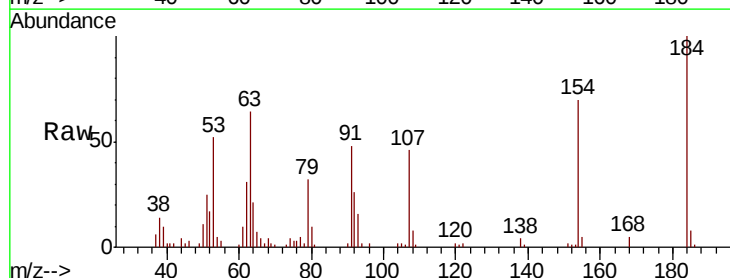
Tgt Ion:184 Resp: 34941

Ion Ratio Lower Upper

184 100

63 63.9 55.8 83.6

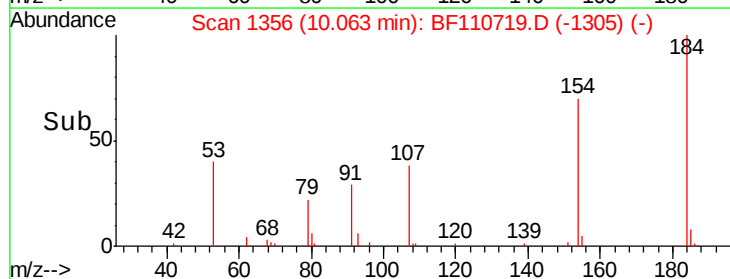
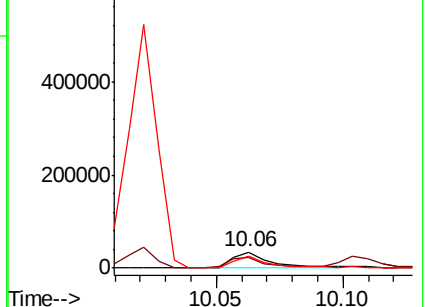
154 70.5 63.2 94.8

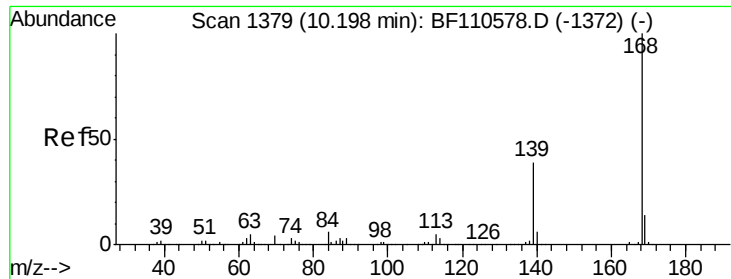


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

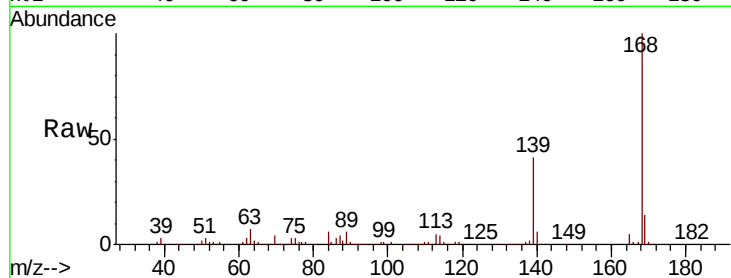




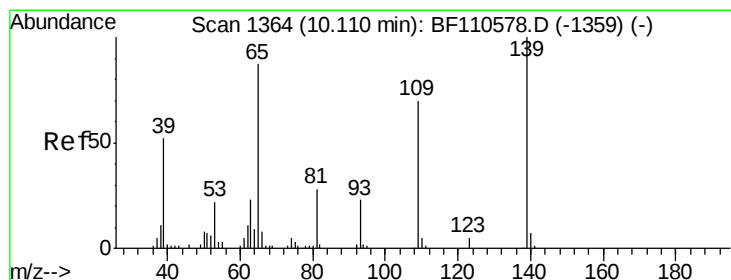
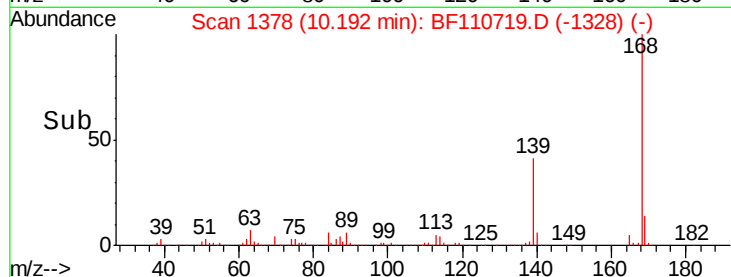
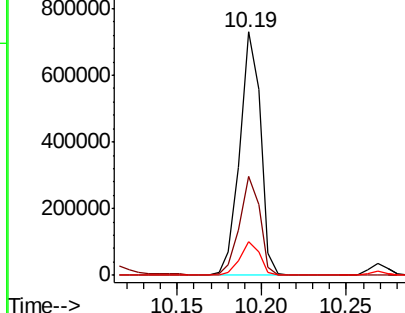
#55  
Dibenzofuran  
Concen: 39.302 ng  
RT: 10.19 min Scan# 1378  
Delta R.T. -0.01 min  
Lab File: BF110719.D  
Acq: 13 Nov 2018 15:14

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:168 Resp: 625465  
Ion Ratio Lower Upper  
168 100  
139 40.6 33.0 49.6  
169 13.8 11.3 16.9

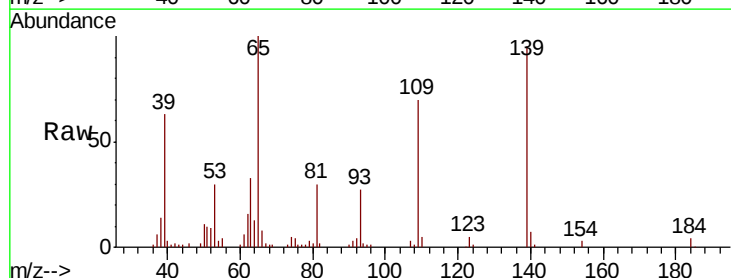


Abundance Ion 168.00 (167.70 to 168.70): E  
1000000 Ion 139.00 (138.70 to 139.70): E  
800000 Ion 169.00 (168.70 to 169.70): E  
600000  
400000  
200000  
0

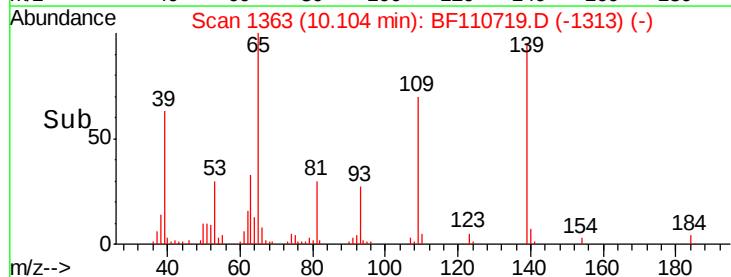
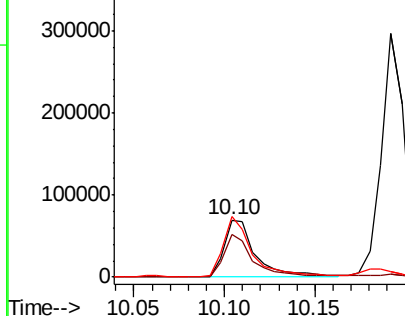


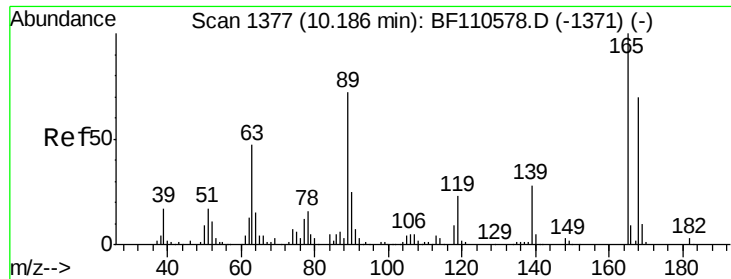
#56  
4-Nitrophenol  
Concen: 37.673 ng  
RT: 10.10 min Scan# 1363  
Delta R.T. -0.01 min  
Lab File: BF110719.D  
Acq: 13 Nov 2018 15:14

Tgt Ion:139 Resp: 84524  
Ion Ratio Lower Upper  
139 100  
109 73.5 55.8 95.8  
65 104.8 77.9 117.9



Abundance Ion 139.00 (138.70 to 139.70): E  
400000 Ion 109.00 (108.70 to 109.70): E  
300000 Ion 65.00 (64.70 to 65.70): BF1  
200000  
100000  
0

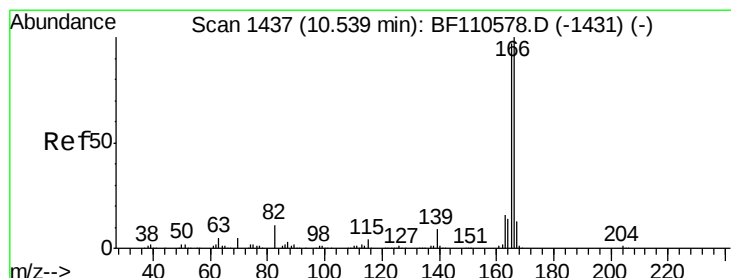
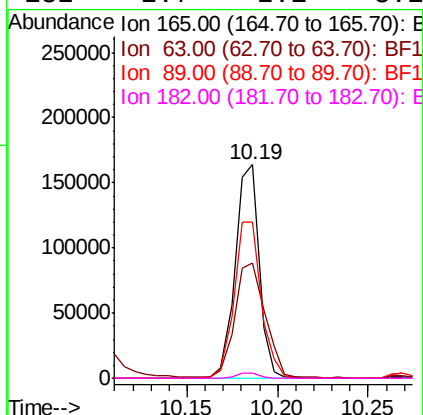
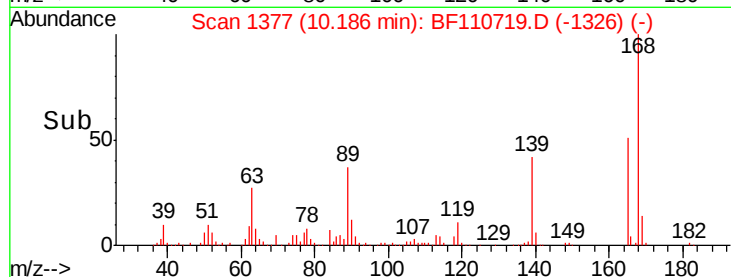
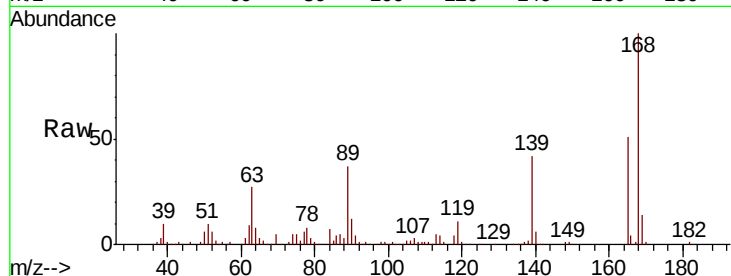




#57  
2,4-Dinitrotoluene  
Concen: 39.815 ng  
RT: 10.19 min Scan# 1377  
Delta R.T. 0.00 min  
Lab File: BF110719.D  
Acq: 13 Nov 2018 15:14

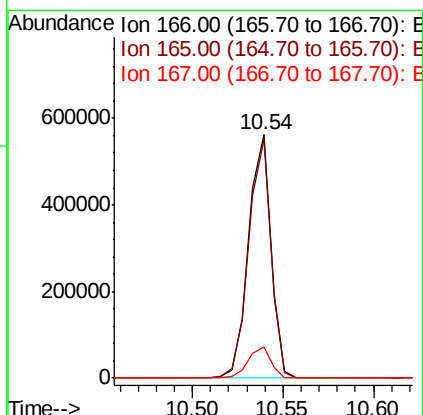
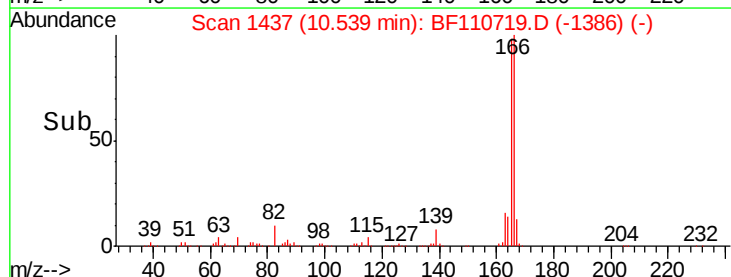
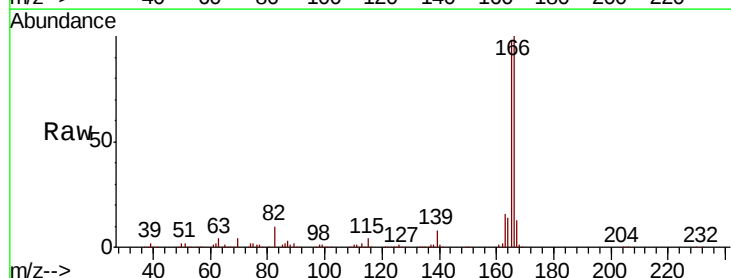
Instrument :  
BNA\_F  
ClientSampled :

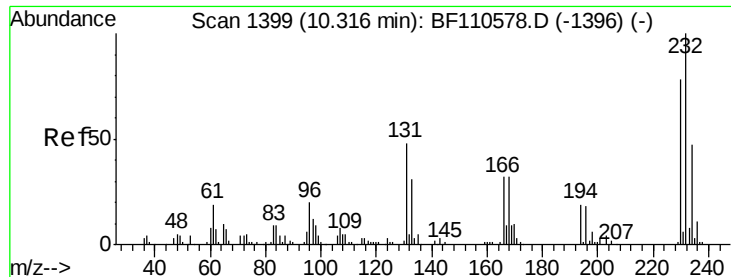
|             |       |           |
|-------------|-------|-----------|
| Tot Ion:165 | Resp: | 151114    |
| Ion Ratio   | Lower | Upper     |
| 165         | 100   |           |
| 63          | 53.9  | 44.8 67.2 |
| 89          | 73.2  | 62.2 93.4 |
| 182         | 2.7   | 2.1 3.1   |



#58  
Fluorene  
Concen: 39.648 ng  
RT: 10.54 min Scan# 1437  
Delta R.T. 0.00 min  
Lab File: BF110719.D  
Acq: 13 Nov 2018 15:14

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:166 | Resp: | 484655     |
| Ion Ratio   | Lower | Upper      |
| 166         | 100   |            |
| 165         | 98.1  | 78.6 117.8 |
| 167         | 12.9  | 10.8 16.2  |





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.786 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.01 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:232 Resp: 121068

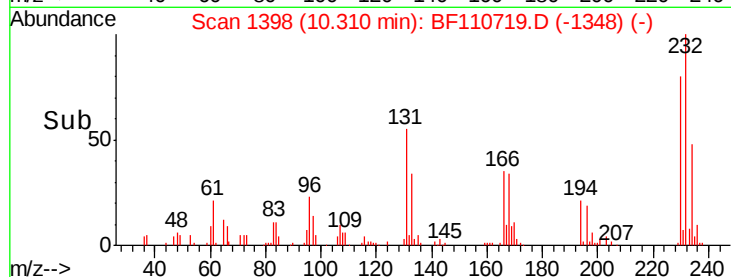
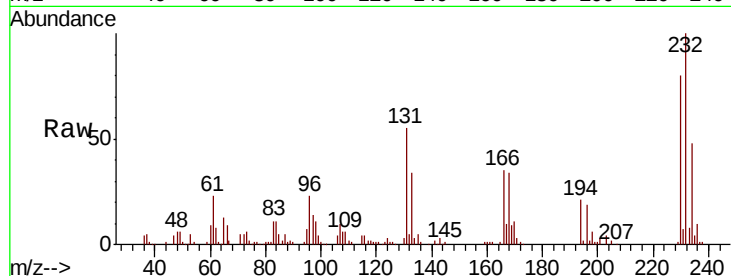
Ion Ratio Lower Upper

232 100

131 49.9 37.0 55.4

130 2.2 1.8 2.6

166 31.1 22.0 33.0

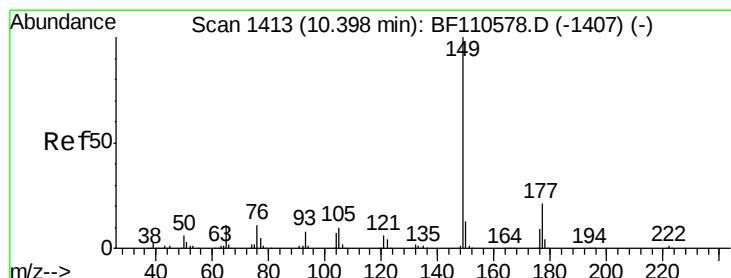
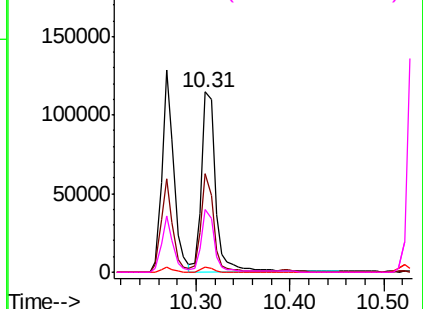


Abundance Ion 232.00 (231.70 to 232.70): E

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: 38.956 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.00 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

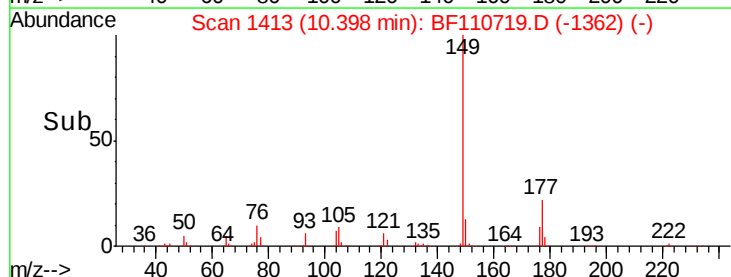
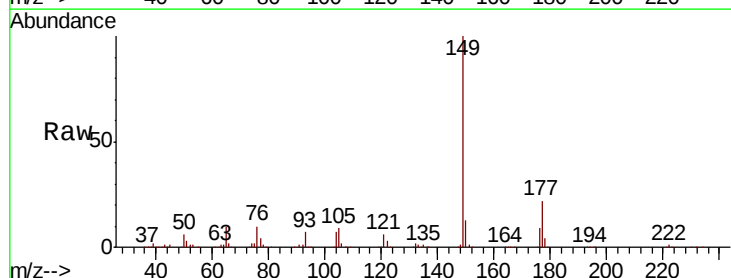
Tgt Ion:149 Resp: 511412

Ion Ratio Lower Upper

149 100

177 21.9 17.4 26.2

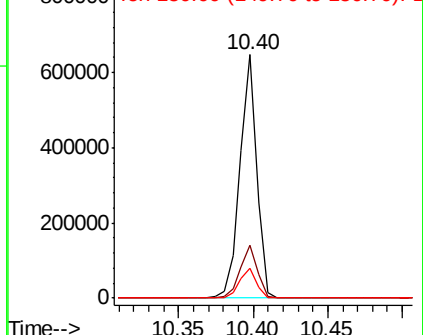
150 12.5 9.8 14.8

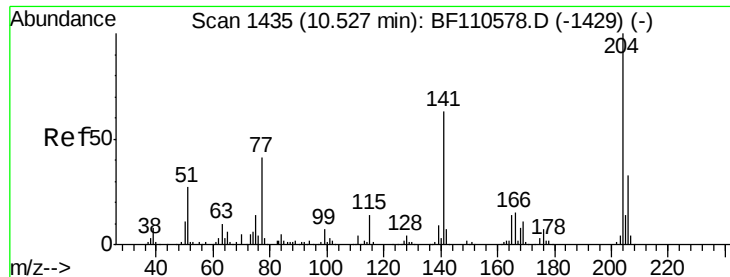


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

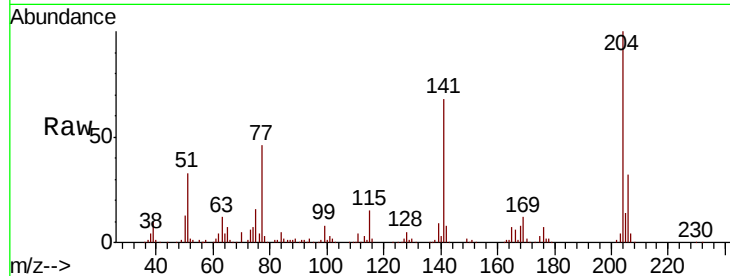




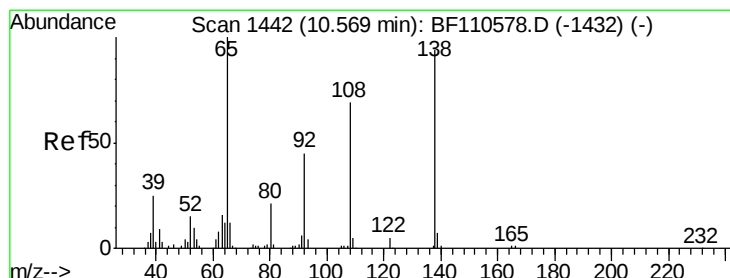
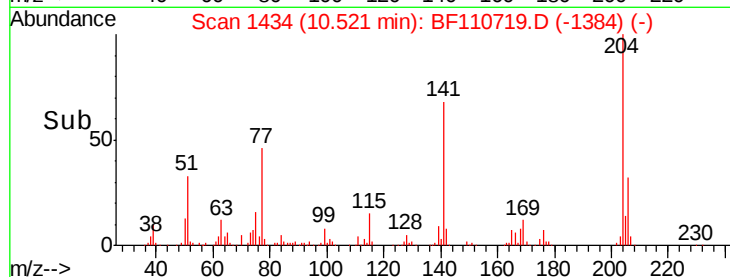
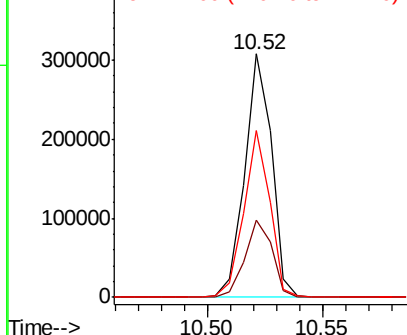
#61  
4-Chlorophenyl-phenylether  
Concen: 39.807 ng  
RT: 10.52 min Scan# 1434  
Delta R.T. -0.01 min  
Lab File: BF110719.D  
Acq: 13 Nov 2018 15:14

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:204 Resp: 251947  
Ion Ratio Lower Upper  
204 100  
206 31.8 26.5 39.7  
141 68.4 51.8 77.8

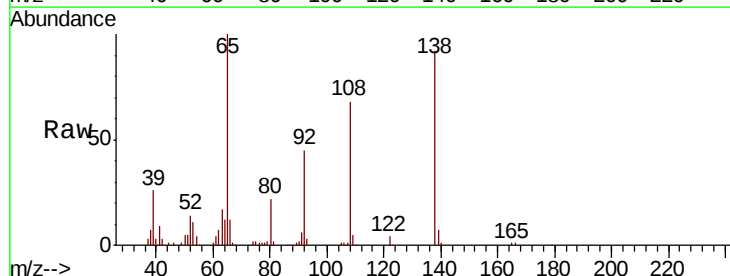


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

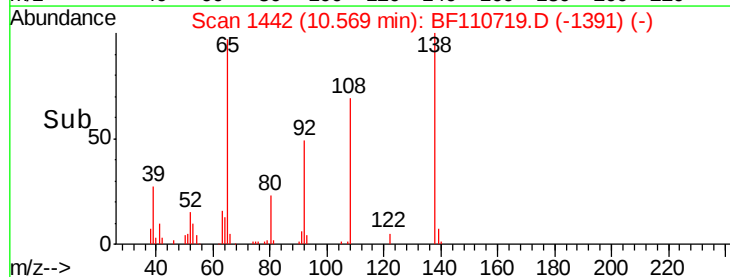
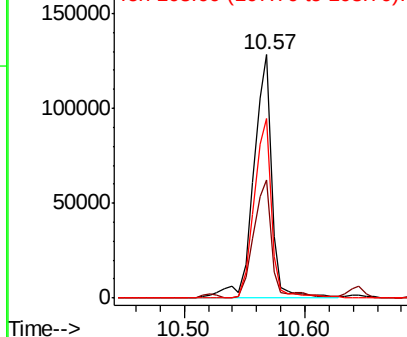


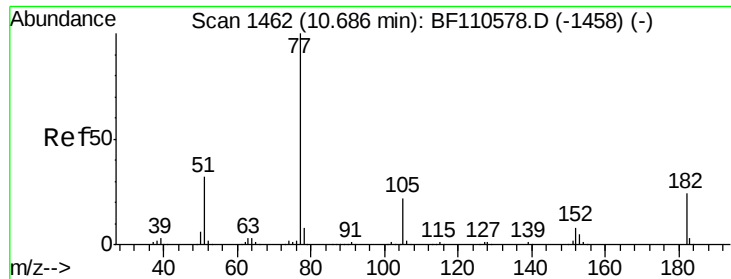
#62  
4-Nitroaniline  
Concen: 39.877 ng  
RT: 10.57 min Scan# 1442  
Delta R.T. 0.00 min  
Lab File: BF110719.D  
Acq: 13 Nov 2018 15:14

Tgt Ion:138 Resp: 135803  
Ion Ratio Lower Upper  
138 100  
92 48.6 31.7 71.7  
108 73.8 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

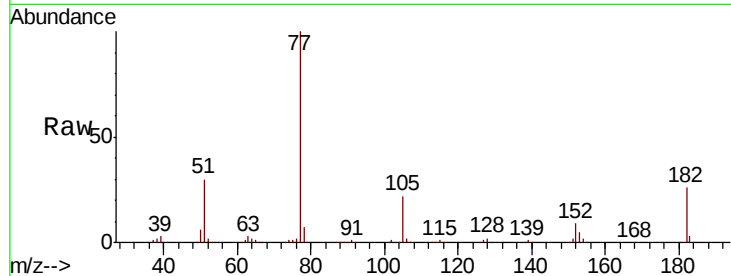




#63  
Azobenzene  
Concen: 40.565 ng  
RT: 10.69 min Scan# 1462  
Delta R.T. 0.00 min  
Lab File: BF110719.D  
Acq: 13 Nov 2018 15:14

Instrument :  
BNA\_F  
ClientSampled :

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 77      | 100  |       |       |       |
| 182     | 26.4 | 4.3   | 44.3  |       |
| 105     | 22.5 | 1.3   | 41.3  |       |
| 51      | 30.5 | 9.0   | 49.0  |       |



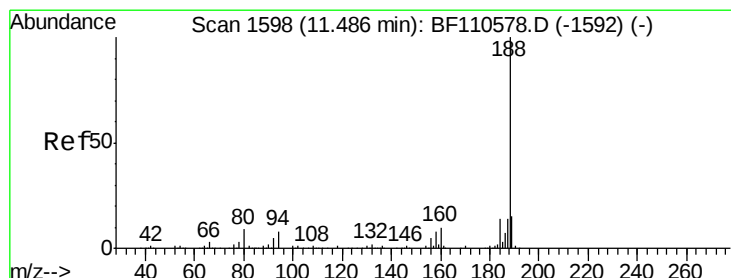
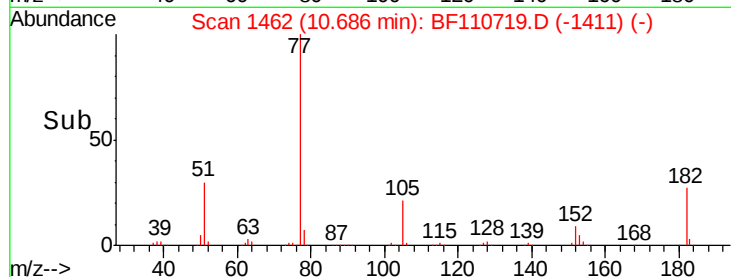
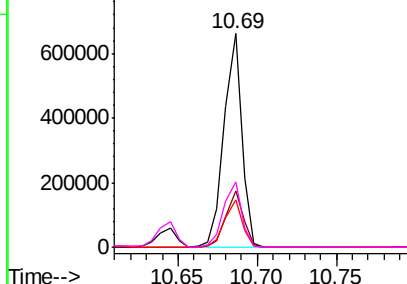
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

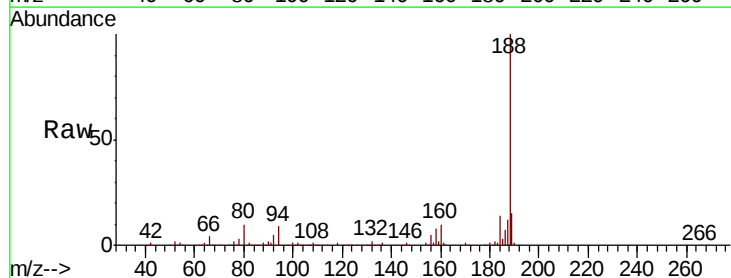
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.48 min Scan# 1597  
Delta R.T. -0.01 min  
Lab File: BF110719.D  
Acq: 13 Nov 2018 15:14

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 188     | 100  |       |       |       |
| 94      | 9.2  | 7.2   | 10.8  |       |
| 80      | 10.0 | 7.9   | 11.9  |       |

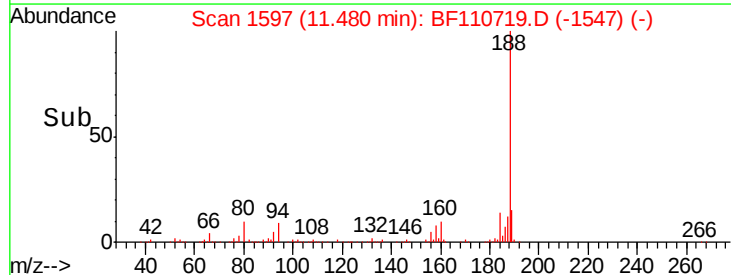
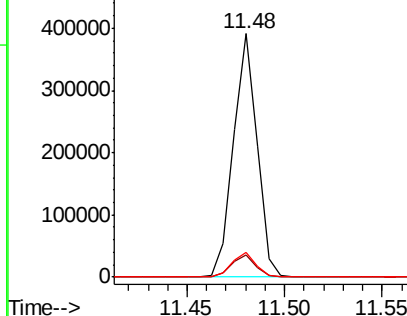


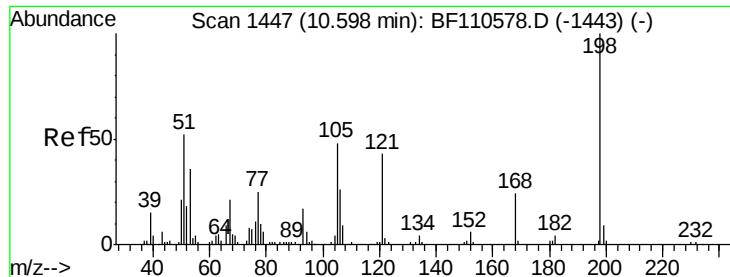
Abundance

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

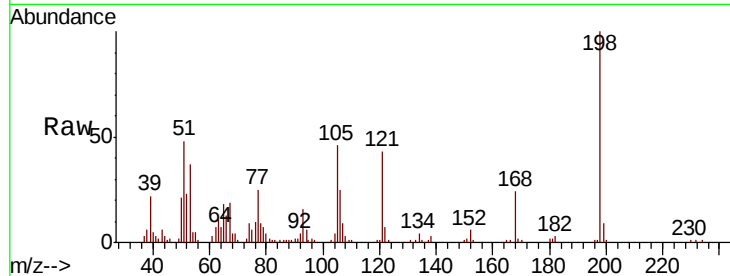




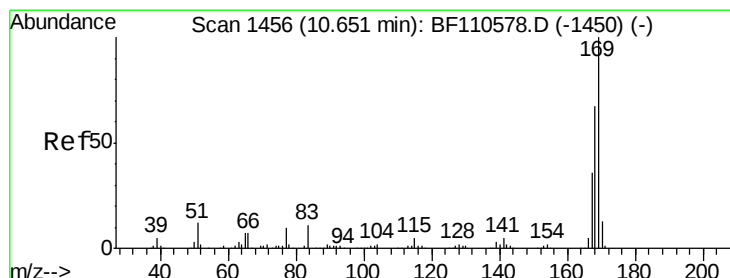
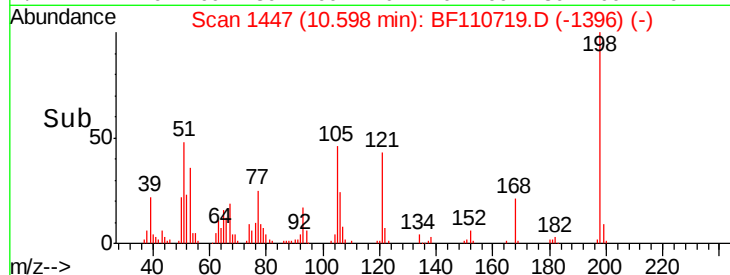
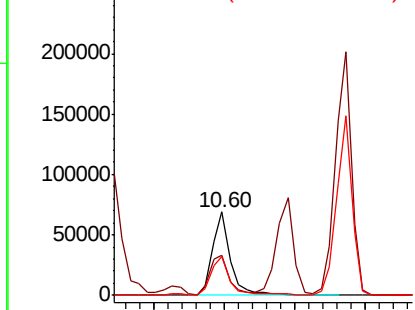
#65  
4,6-Dinitro-2-methylphenol  
Concen: 36.647 ng  
RT: 10.60 min Scan# 1447  
Delta R.T. -0.00 min  
Lab File: BF110719.D  
Acq: 13 Nov 2018 15:14

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:198 Resp: 60908  
Ion Ratio Lower Upper  
198 100  
51 48.0 22.8 62.8  
105 46.2 23.6 63.6

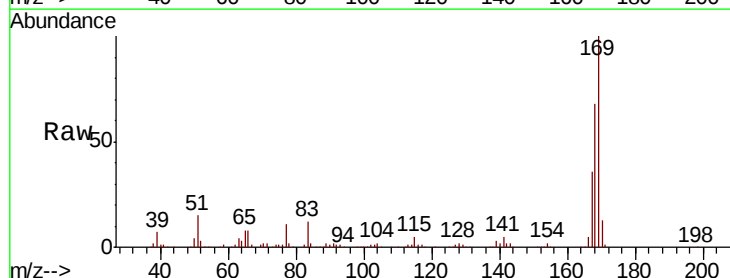


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 105.00 (104.70 to 105.70): E

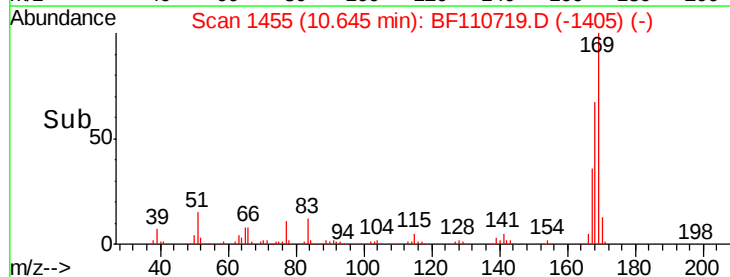
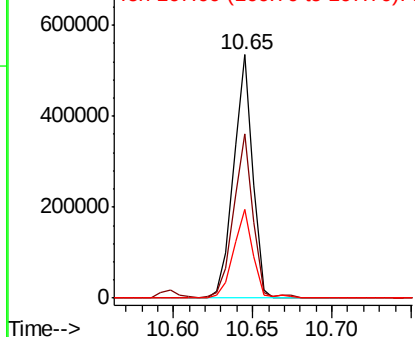


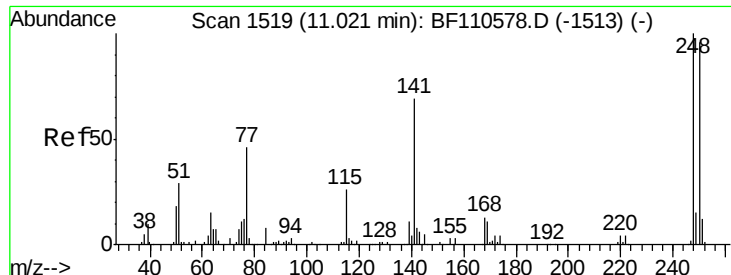
#66  
n-Nitrosodiphenylamine  
Concen: 40.149 ng  
RT: 10.65 min Scan# 1455  
Delta R.T. -0.01 min  
Lab File: BF110719.D  
Acq: 13 Nov 2018 15:14

Tgt Ion:169 Resp: 446285  
Ion Ratio Lower Upper  
169 100  
168 67.6 51.2 76.8  
167 36.3 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

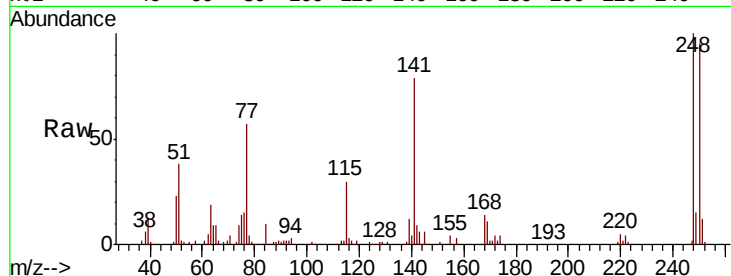




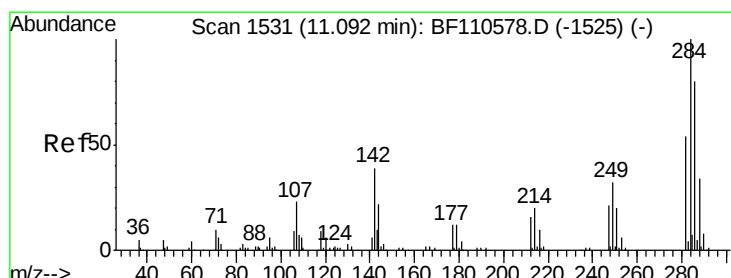
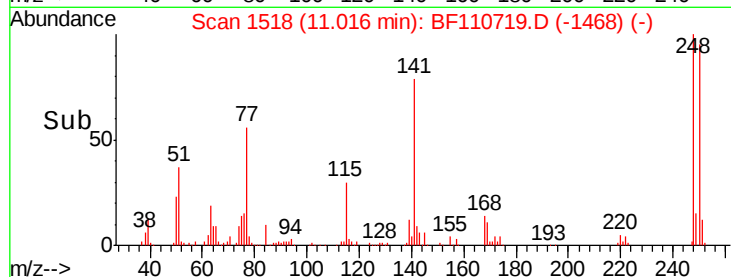
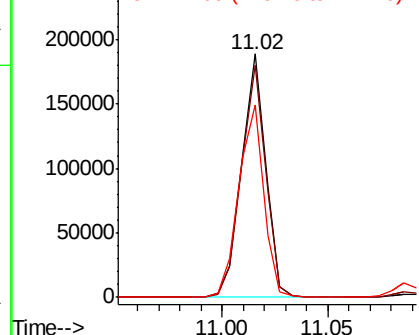
#67  
4-Bromophenyl-phenylether  
Concen: 40.737 ng  
RT: 11.02 min Scan# 1518  
Delta R.T. -0.01 min  
Lab File: BF110719.D  
Acq: 13 Nov 2018 15:14

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:248 Resp: 148475  
Ion Ratio Lower Upper  
248 100  
250 95.4 79.4 119.2  
141 79.0 55.9 83.9

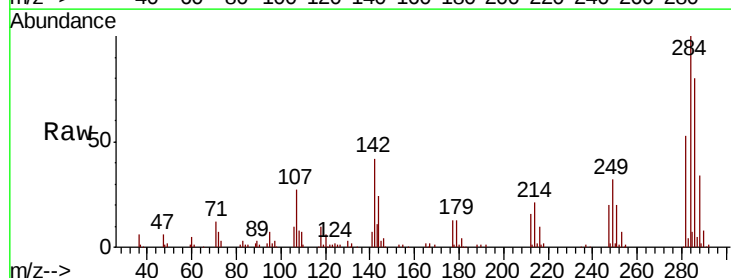


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

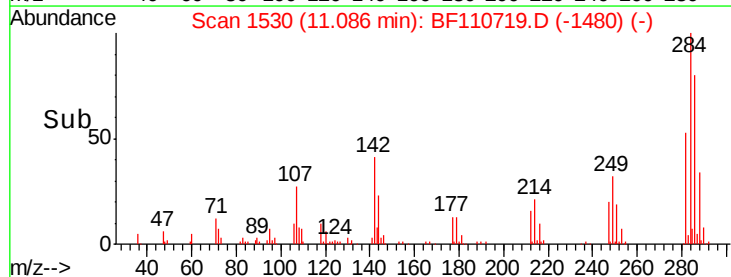
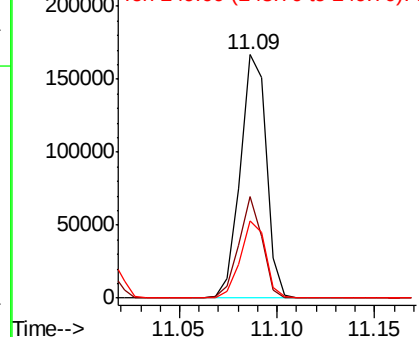


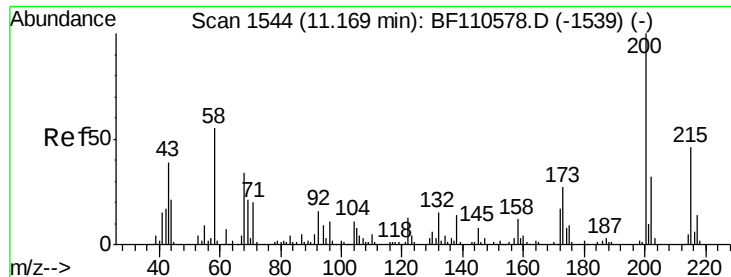
#68  
Hexachlorobenzene  
Concen: 40.310 ng  
RT: 11.09 min Scan# 1530  
Delta R.T. -0.01 min  
Lab File: BF110719.D  
Acq: 13 Nov 2018 15:14

Tgt Ion:284 Resp: 154896  
Ion Ratio Lower Upper  
284 100  
142 41.7 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

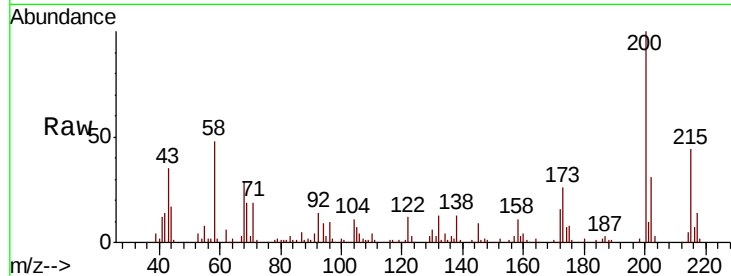




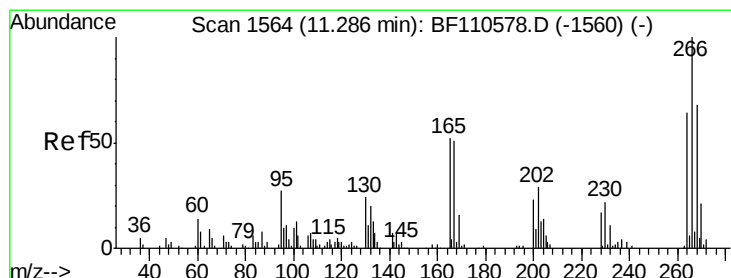
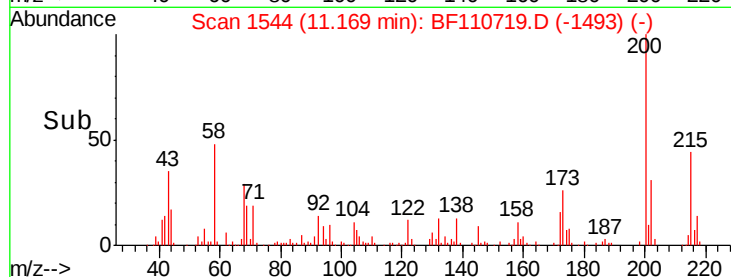
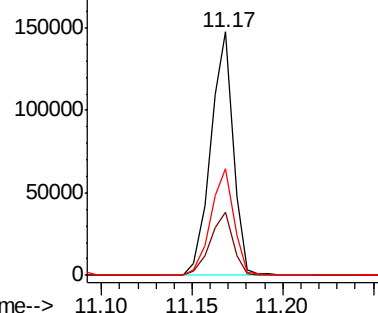
#69  
 Atrazine  
 Concen: 37.409 ng  
 RT: 11.17 min Scan# 1544  
 Delta R.T. -0.00 min  
 Lab File: BF110719.D  
 Acq: 13 Nov 2018 15:14

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 26.1  | 6.6   | 46.6  |
| 215     | 43.6  | 26.3  | 66.3  |

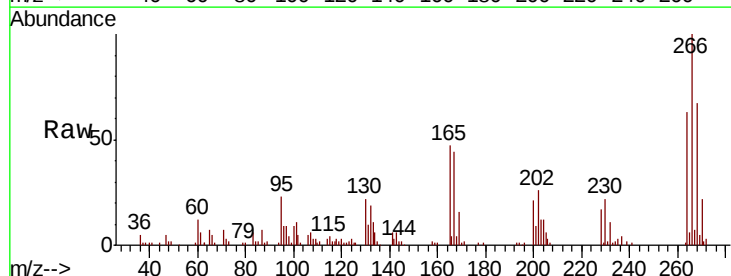


Abundance Ion 200.00 (199.70 to 200.70): E  
 Ion 173.00 (172.70 to 173.70): E  
 Ion 215.00 (214.70 to 215.70): E

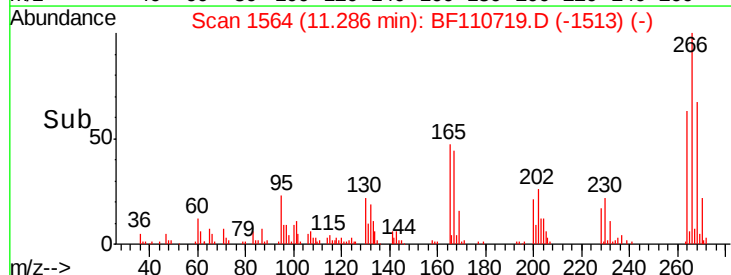
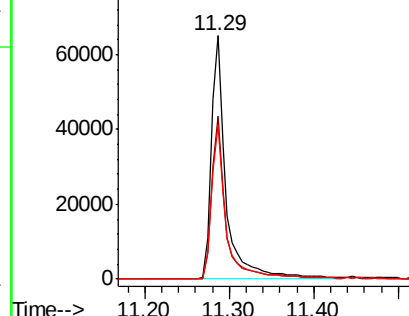


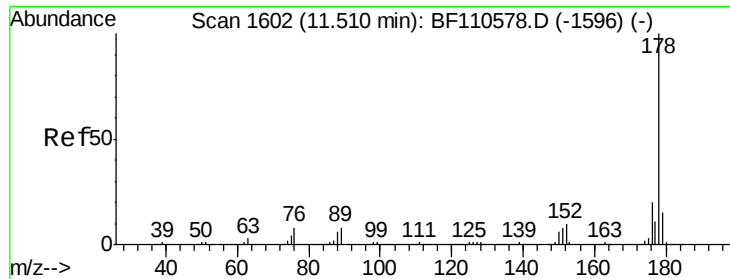
#70  
 Pentachlorophenol  
 Concen: 38.993 ng  
 RT: 11.29 min Scan# 1564  
 Delta R.T. 0.00 min  
 Lab File: BF110719.D  
 Acq: 13 Nov 2018 15:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 66.8  | 50.6  | 75.8  |
| 264     | 63.2  | 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

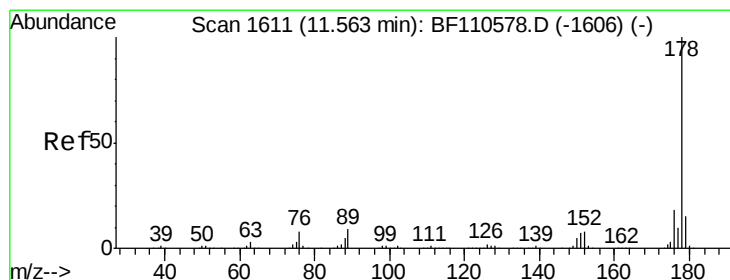
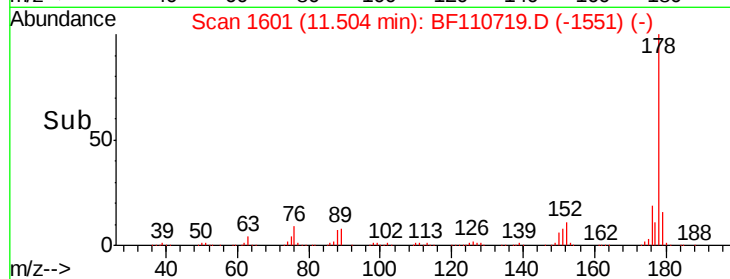
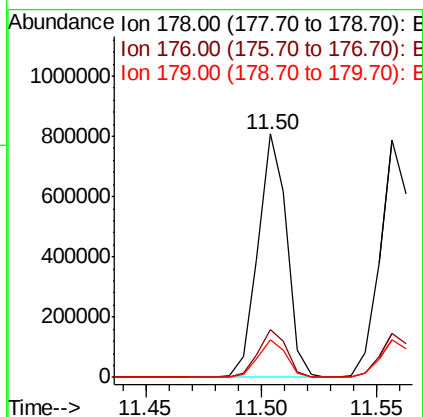
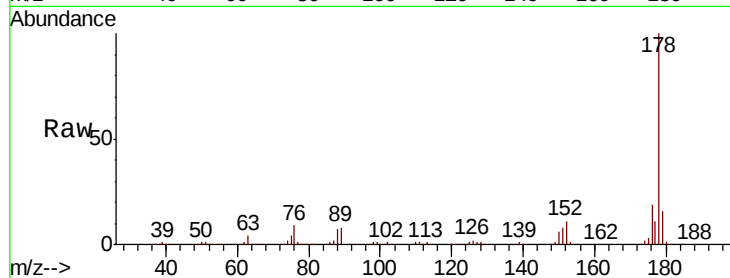




#71  
Phenanthrene  
Concen: 39.693 ng  
RT: 11.50 min Scan# 1601  
Delta R.T. -0.01 min  
Lab File: BF110719.D  
Acq: 13 Nov 2018 15:14

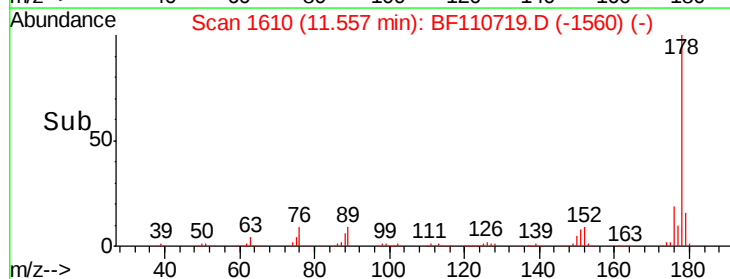
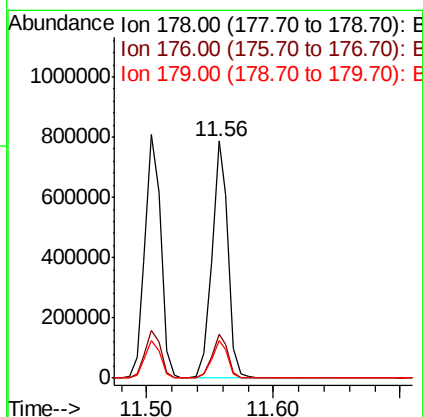
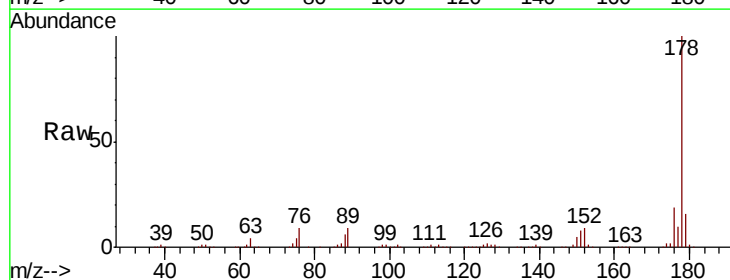
Instrument :  
BNA\_F  
ClientSampled :

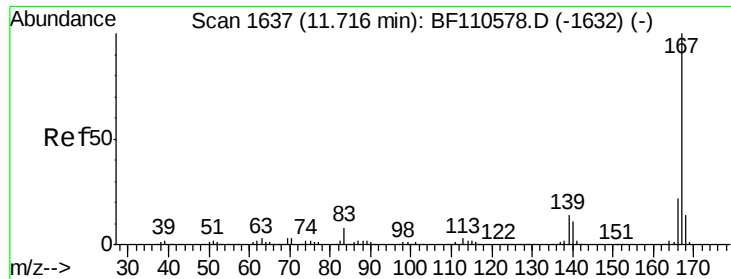
Tot Ion:178 Resp: 701292  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.5 23.3  
179 15.6 12.5 18.7



#72  
Anthracene  
Concen: 39.563 ng  
RT: 11.56 min Scan# 1610  
Delta R.T. -0.01 min  
Lab File: BF110719.D  
Acq: 13 Nov 2018 15:14

Tgt Ion:178 Resp: 705113  
Ion Ratio Lower Upper  
178 100  
176 18.6 15.4 23.2  
179 15.7 12.6 18.8

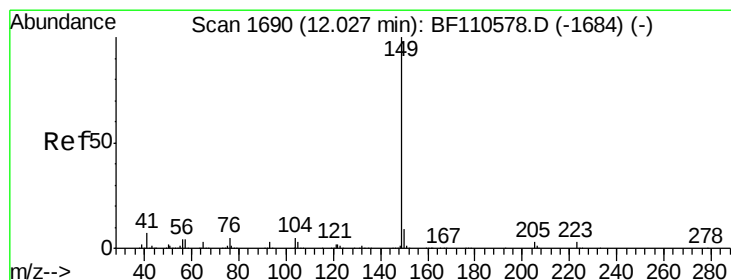
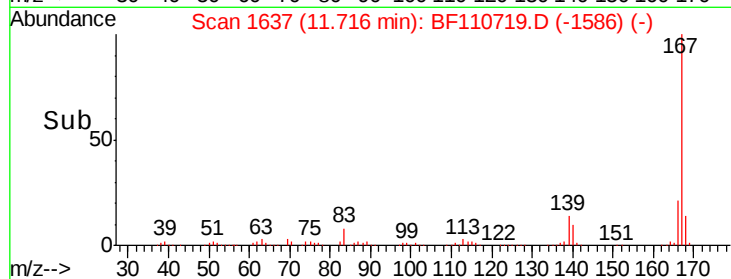
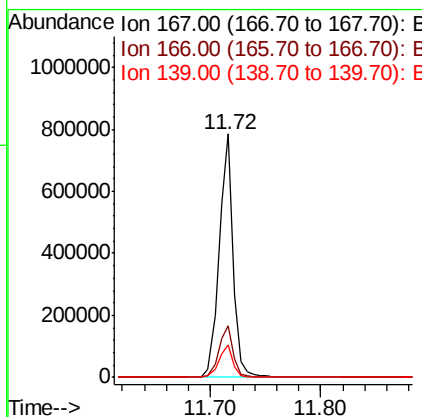
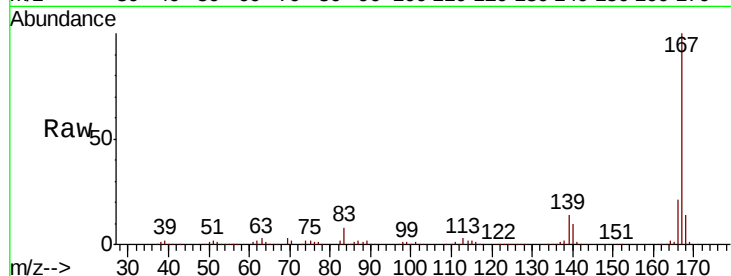




#73  
 Carbazole  
 Concen: 40.099 ng  
 RT: 11.72 min Scan# 1637  
 Delta R.T. 0.00 min  
 Lab File: BF110719.D  
 Acq: 13 Nov 2018 15:14

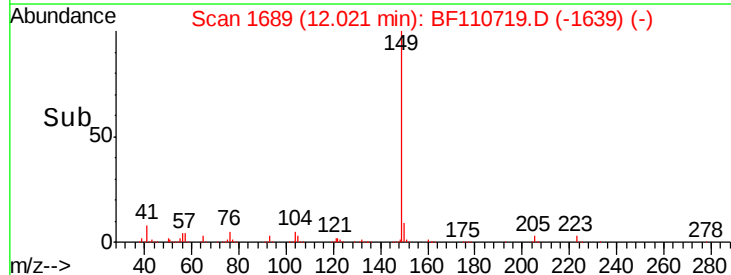
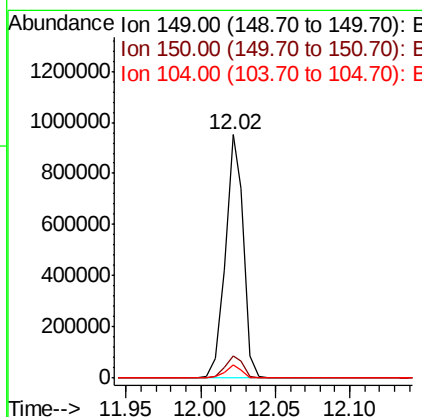
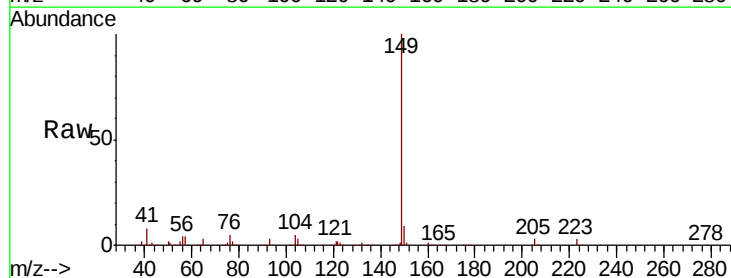
Instrument :  
 BNA\_F  
 ClientSampleId :

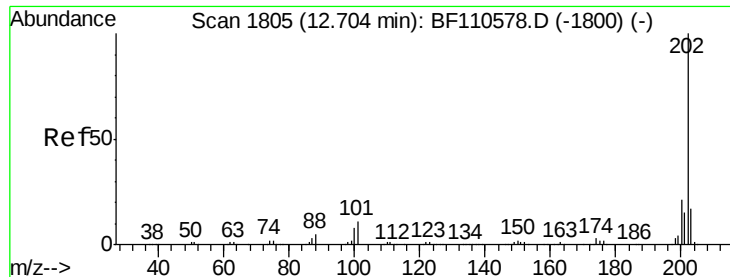
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.3  | 17.4  | 26.0  |
| 139     | 13.6  | 10.9  | 16.3  |



#74  
 Di-n-butylphthalate  
 Concen: 40.404 ng  
 RT: 12.02 min Scan# 1689  
 Delta R.T. -0.01 min  
 Lab File: BF110719.D  
 Acq: 13 Nov 2018 15:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.4   | 7.7   | 11.5  |
| 104     | 5.2   | 4.2   | 6.4   |





#75

Fluoranthene

Concen: 40.277 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

Instrument :

BNA\_F

ClientSampleId :

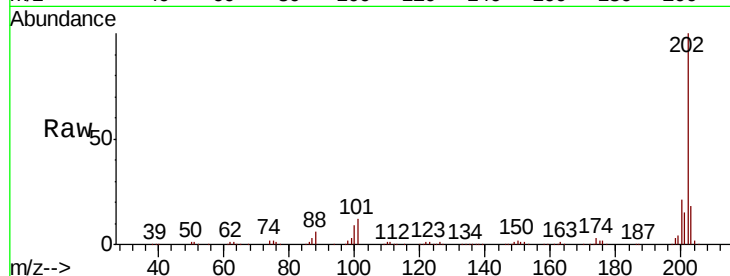
Tot Ion:202 Resp: 713433

Ion Ratio Lower Upper

202 100

101 12.3 0.0 31.4

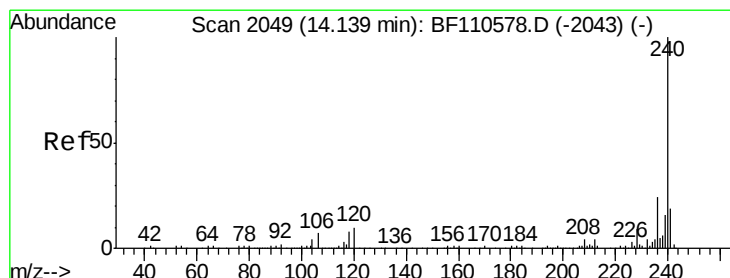
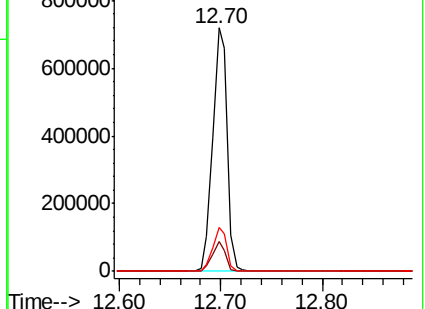
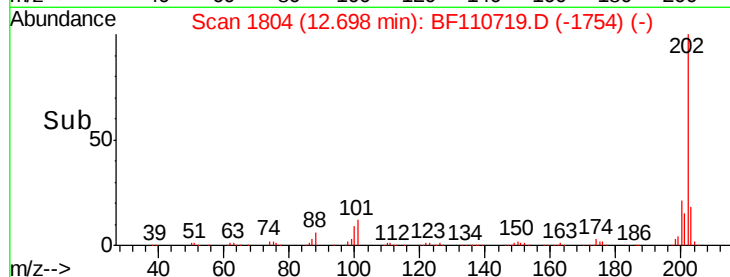
203 17.9 0.0 37.7



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: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

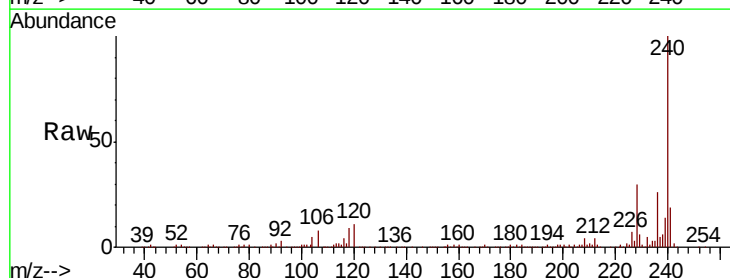
Tgt Ion:240 Resp: 244348

Ion Ratio Lower Upper

240 100

120 11.4 8.3 12.5

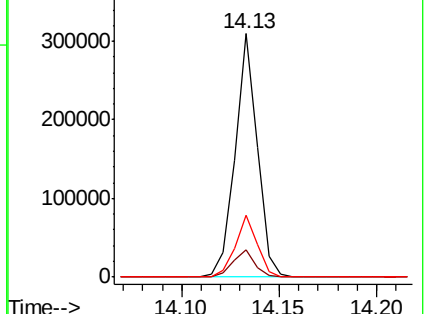
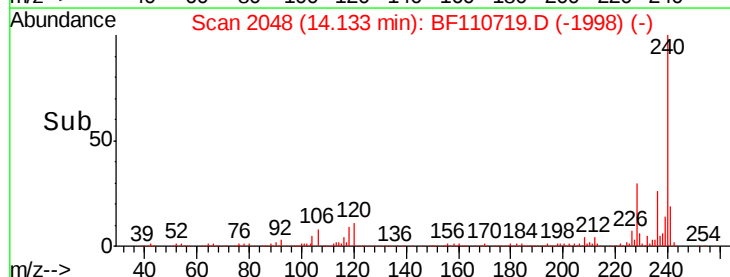
236 25.6 21.2 31.8

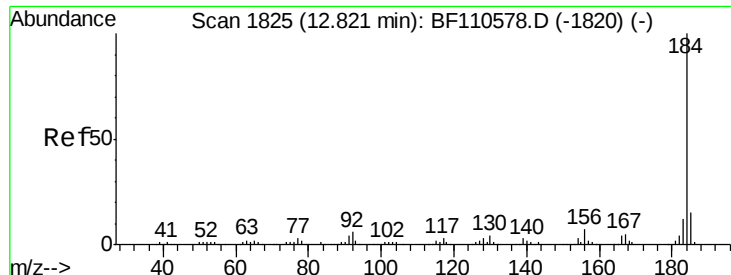


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

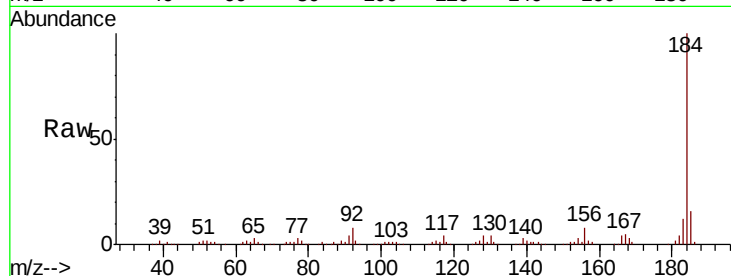




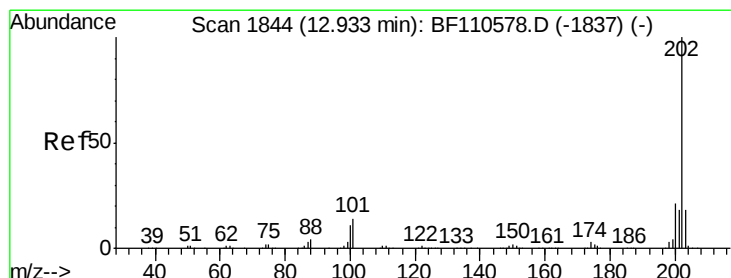
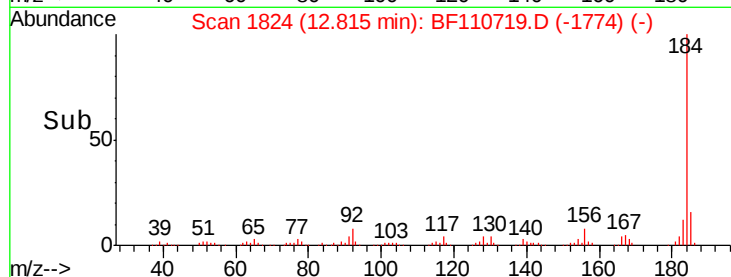
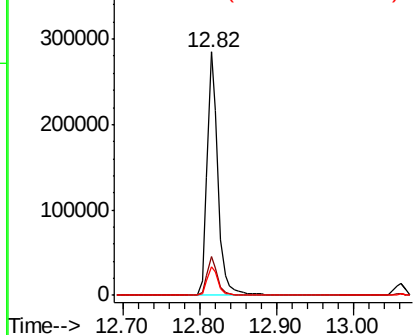
#77  
Benzidine  
Concen: 41.390 ng  
RT: 12.82 min Scan# 1824  
Delta R.T. -0.01 min  
Lab File: BF110719.D  
Acq: 13 Nov 2018 15:14

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 16.1  | 13.4  | 20.2  |
| 183     | 11.8  | 9.4   | 14.2  |

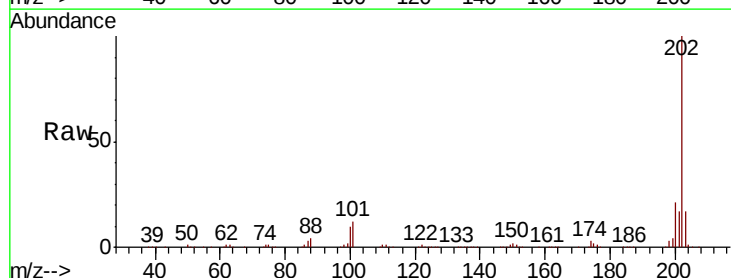


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E

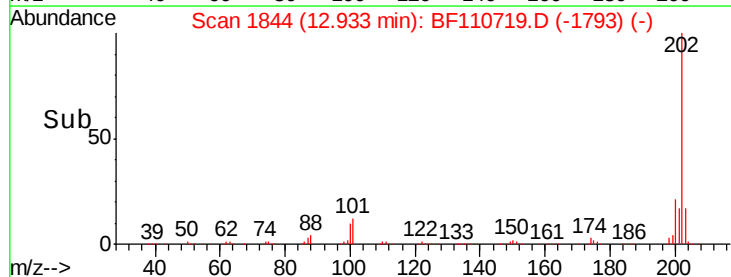
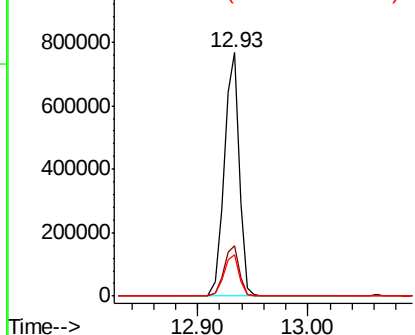


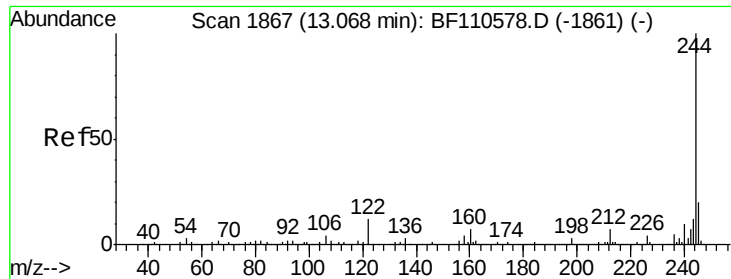
#78  
Pyrene  
Concen: 38.791 ng  
RT: 12.93 min Scan# 1844  
Delta R.T. 0.00 min  
Lab File: BF110719.D  
Acq: 13 Nov 2018 15:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 20.6  | 17.8  | 26.6  |
| 203     | 16.9  | 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: 75.455 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

Instrument :

BNA\_F

ClientSampled :

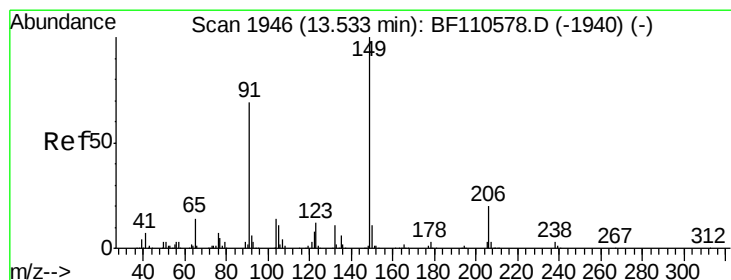
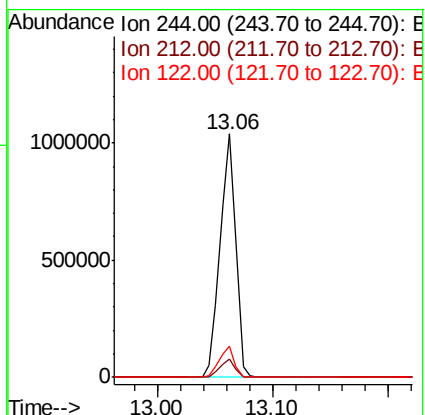
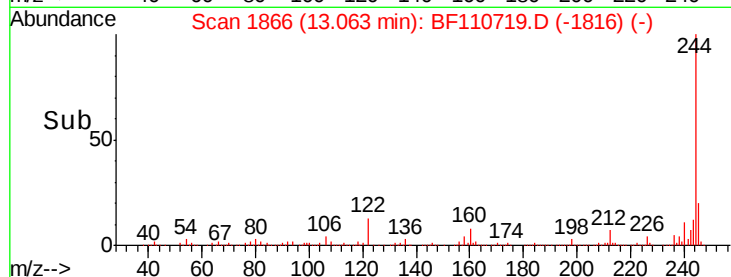
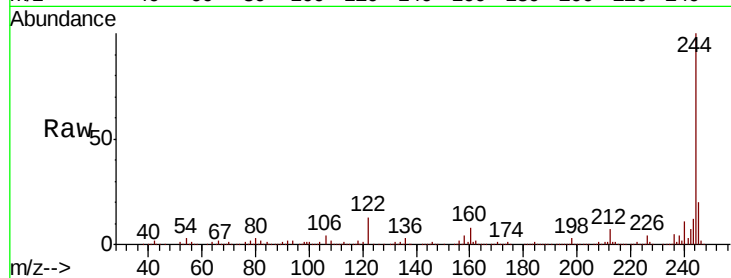
Tot Ion:244 Resp: 984497

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

122 12.8 8.7 13.1



#80

Butylbenzylphthalate

Concen: 40.237 ng

RT: 13.53 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

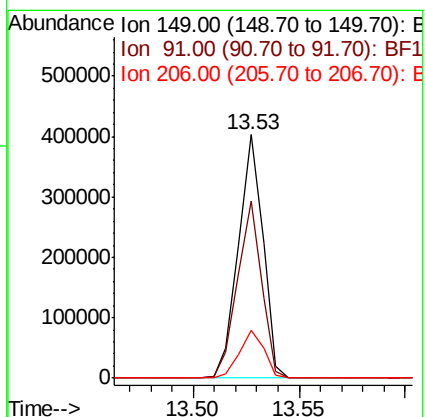
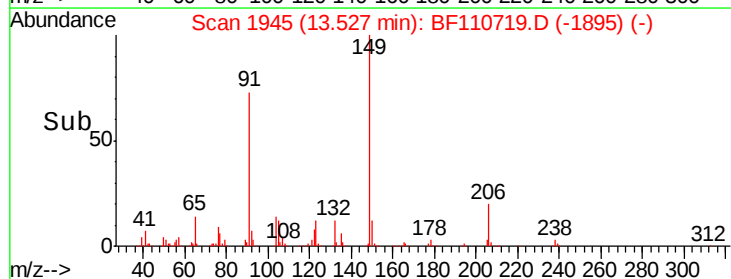
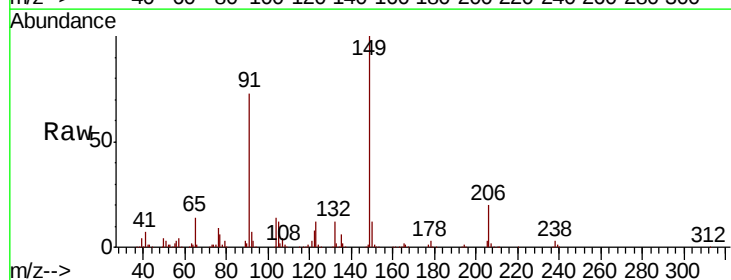
Tgt Ion:149 Resp: 325832

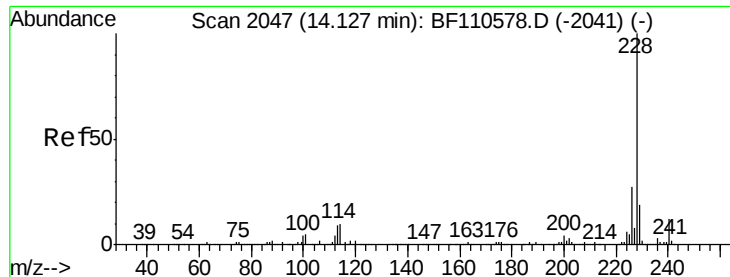
Ion Ratio Lower Upper

149 100

91 72.8 57.2 85.8

206 19.5 15.7 23.5





#81

Benzo(a)anthracene

Concen: 39.618 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

Instrument :

BNA\_F

ClientSampleId :

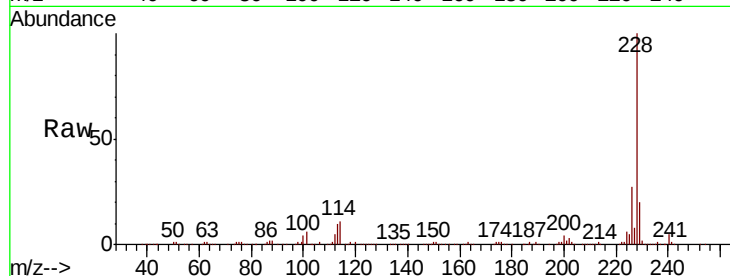
Tot Ion:228 Resp: 578618

Ion Ratio Lower Upper

228 100

226 26.8 22.1 33.1

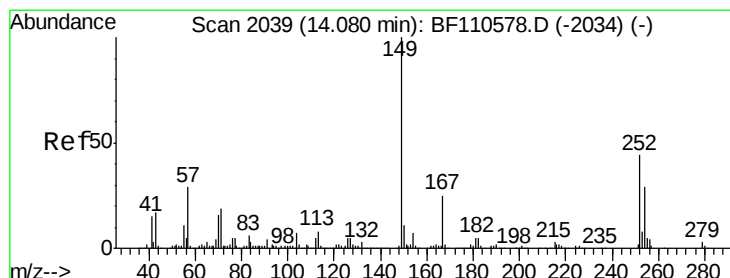
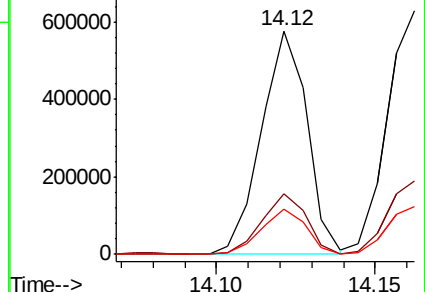
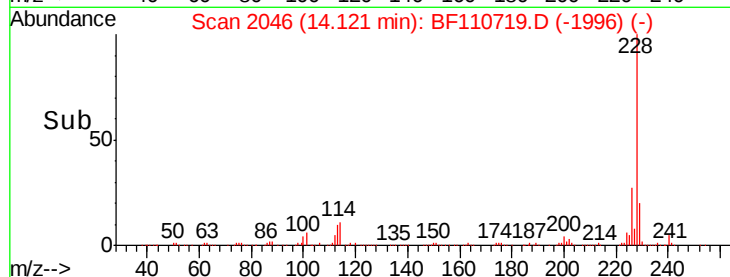
229 20.0 15.6 23.4



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: 38.710 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.00 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

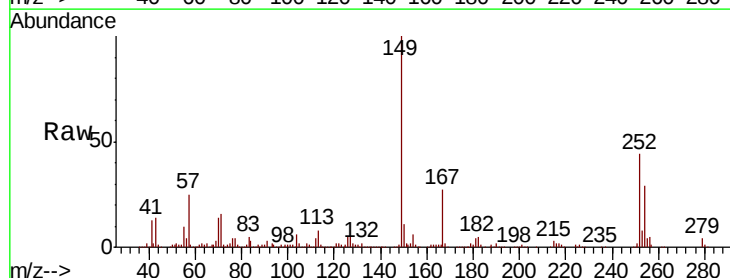
Tgt Ion:252 Resp: 189393

Ion Ratio Lower Upper

252 100

254 65.3 51.3 76.9

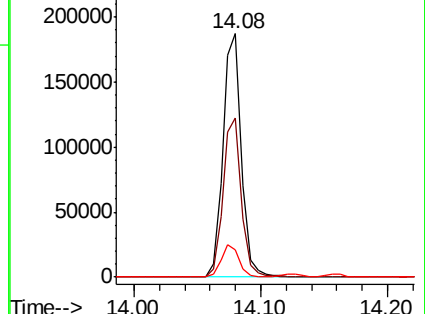
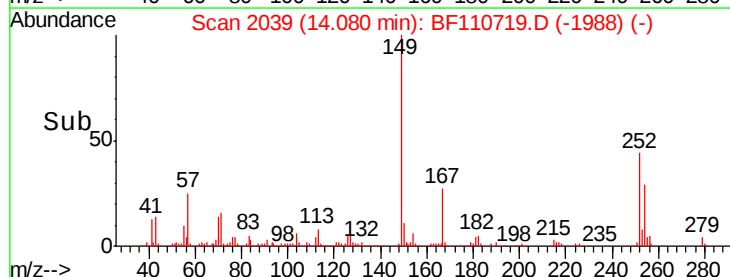
126 11.1 9.4 14.2

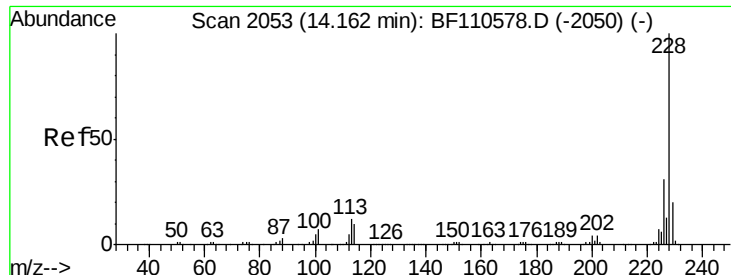


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

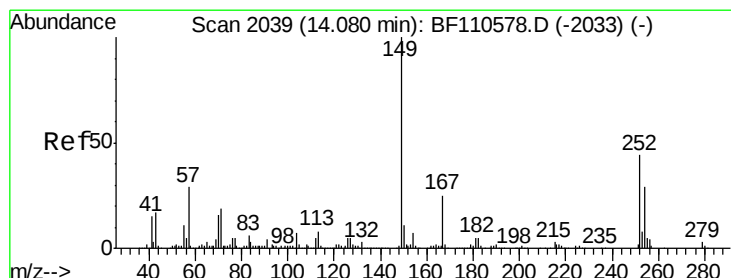
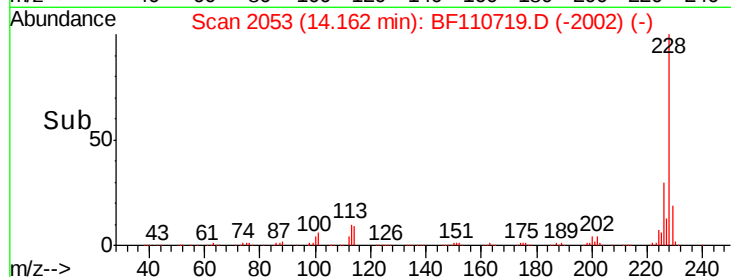
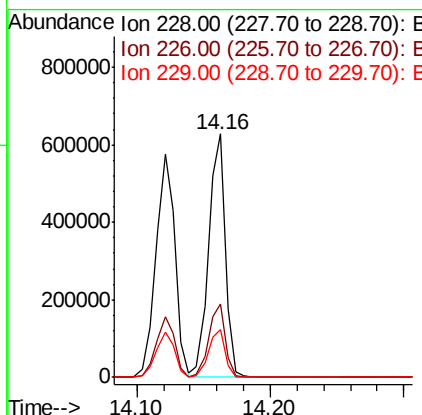
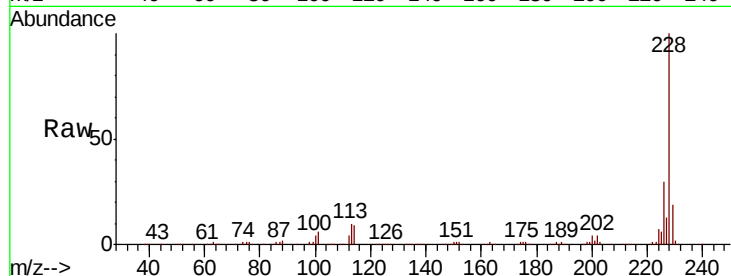




#83  
Chrysene  
Concen: 39.488 ng  
RT: 14.16 min Scan# 2053  
Delta R.T. 0.00 min  
Lab File: BF110719.D  
Acq: 13 Nov 2018 15:14

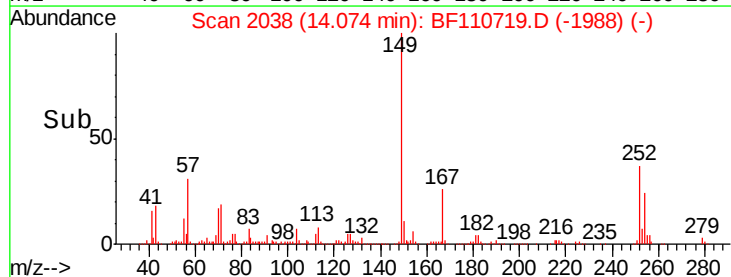
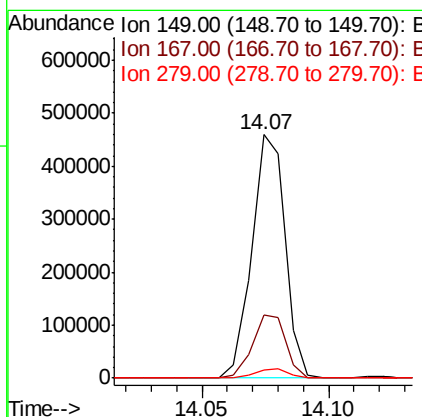
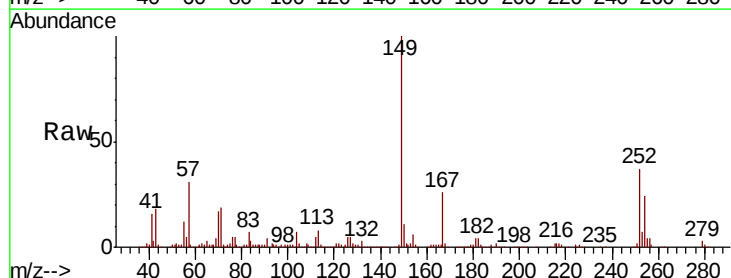
Instrument :  
BNA\_F  
ClientSampleId :

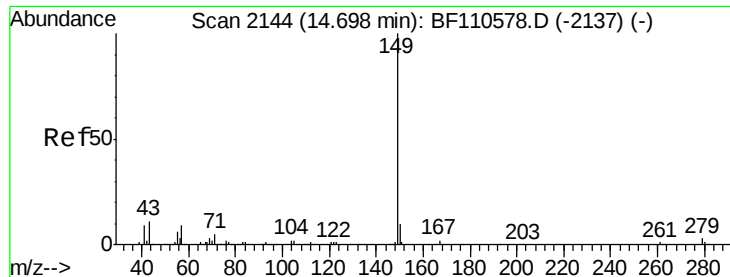
Tot Ion:228 Resp: 549440  
Ion Ratio Lower Upper  
228 100  
226 30.1 24.7 37.1  
229 19.5 15.9 23.9



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 41.893 ng  
RT: 14.07 min Scan# 2038  
Delta R.T. -0.01 min  
Lab File: BF110719.D  
Acq: 13 Nov 2018 15:14

Tgt Ion:149 Resp: 420840  
Ion Ratio Lower Upper  
149 100  
167 26.1 19.8 29.8  
279 3.2 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 43.769 ng

RT: 14.69 min Scan# 2143

Delta R.T. -0.01 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

Instrument :

BNA\_F

ClientSampleId :

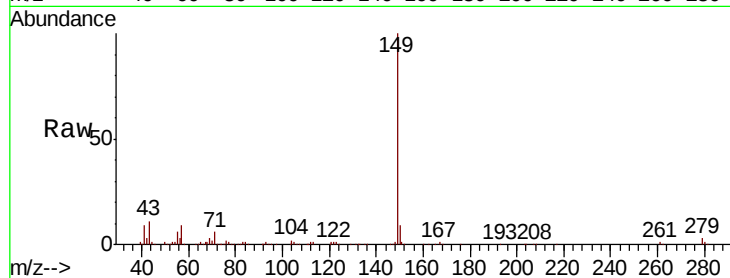
Tot Ion:149 Resp: 646569

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

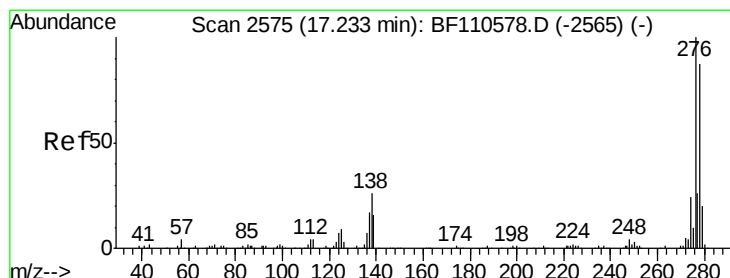
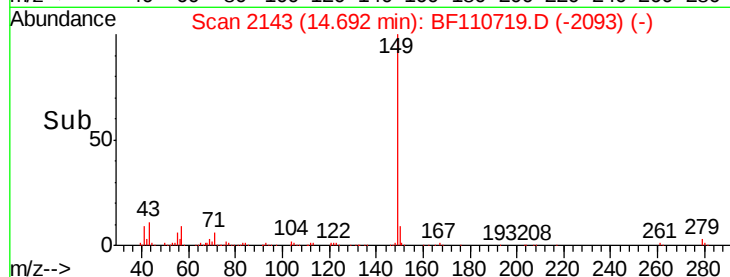
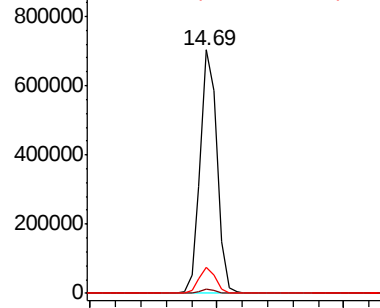
43 10.5 7.8 11.8



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: 38.283 ng

RT: 17.23 min Scan# 2575

Delta R.T. 0.00 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

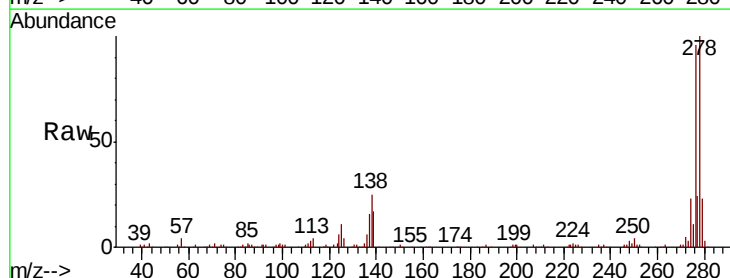
Tgt Ion:276 Resp: 382241

Ion Ratio Lower Upper

276 100

138 25.8 18.5 27.7

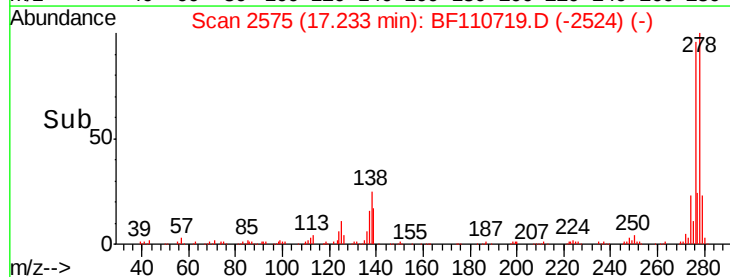
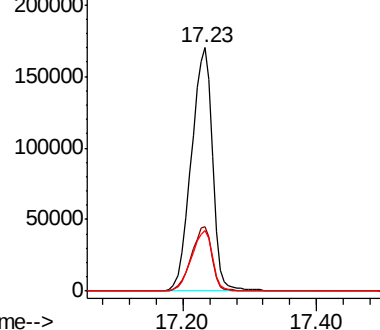
277 24.7 20.0 30.0

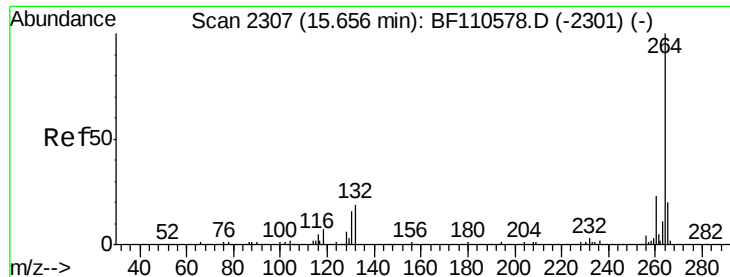


Abundance Ion 276.00 (275.70 to 276.70): E

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# 2307

Delta R.T. 0.00 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

Instrument :

BNA\_F

ClientSampleId :

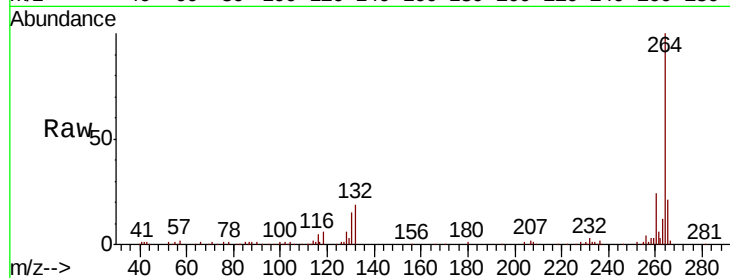
Tot Ion:264 Resp: 171882

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

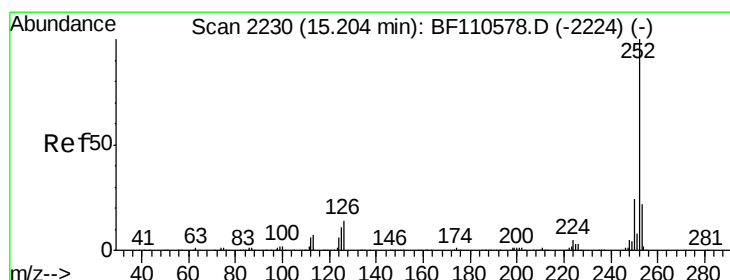
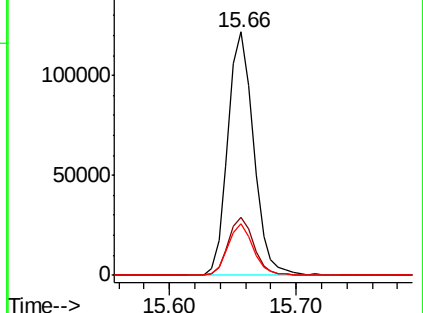
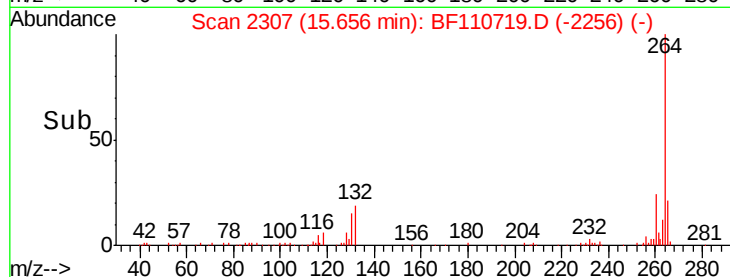
265 21.3 16.7 25.1



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: 40.488 ng

RT: 15.20 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

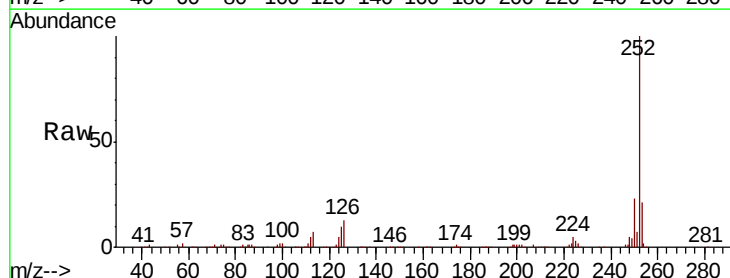
Tgt Ion:252 Resp: 416317

Ion Ratio Lower Upper

252 100

253 21.1 17.2 25.8

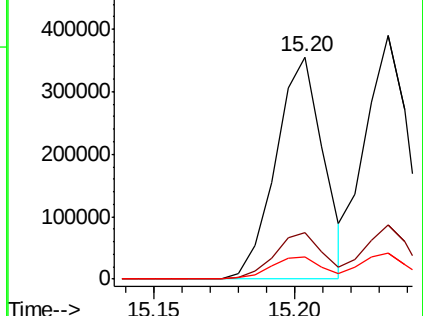
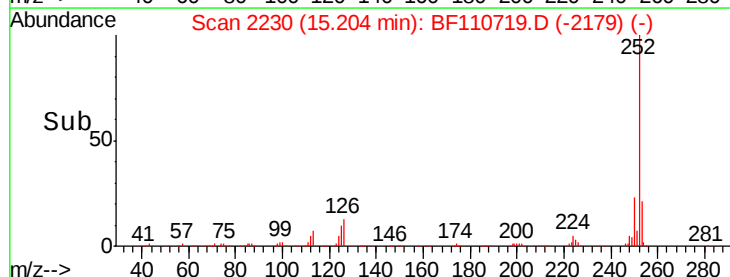
125 10.1 8.2 12.4

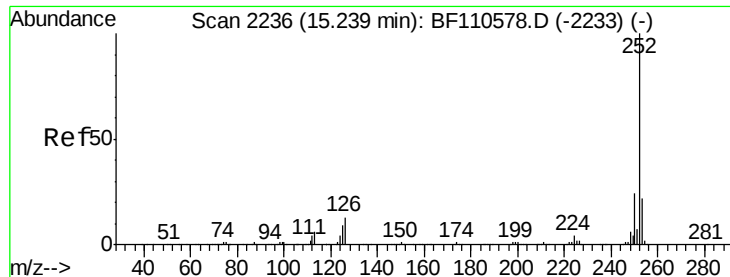


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

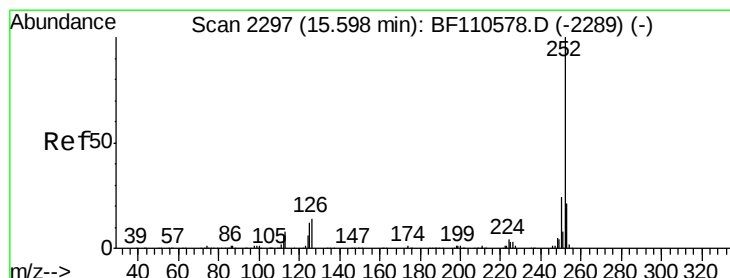
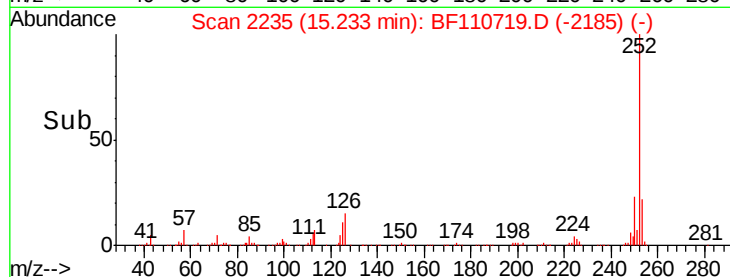
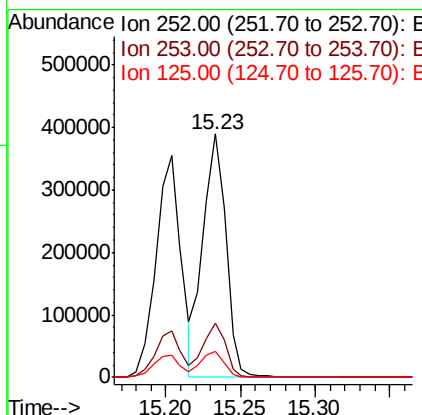
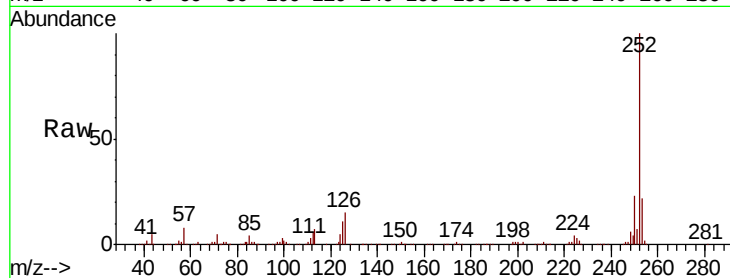




#89  
Benzo(k)fluoranthene  
Concen: 40.760 ng  
RT: 15.23 min Scan# 2235  
Delta R.T. -0.01 min  
Lab File: BF110719.D  
Acq: 13 Nov 2018 15:14

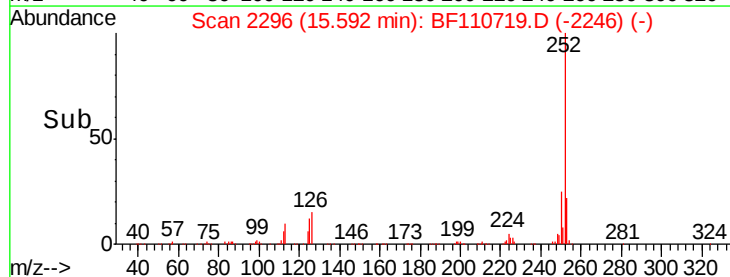
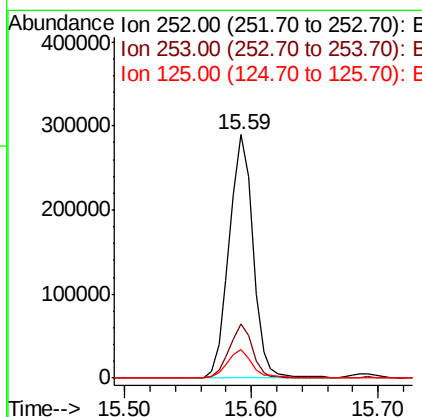
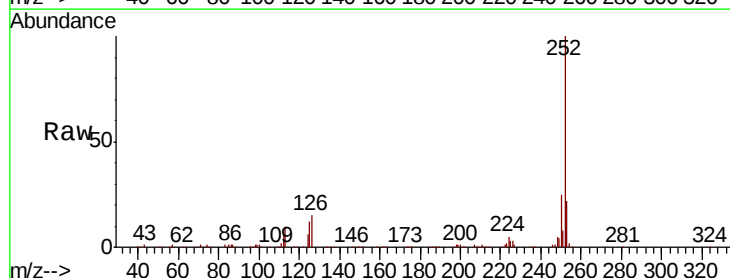
Instrument :  
BNA\_F  
ClientSampleId :

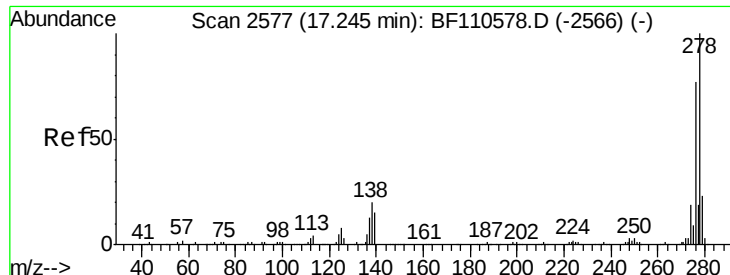
Tot Ion:252 Resp: 414137  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.2 25.8  
125 10.8 7.4 11.0



#90  
Benzo(a)pyrene  
Concen: 40.574 ng  
RT: 15.59 min Scan# 2296  
Delta R.T. -0.01 min  
Lab File: BF110719.D  
Acq: 13 Nov 2018 15:14

Tgt Ion:252 Resp: 379058  
Ion Ratio Lower Upper  
252 100  
253 22.3 18.2 27.4  
125 11.8 9.0 13.6

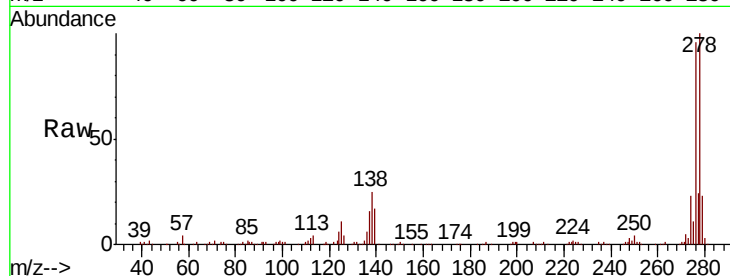




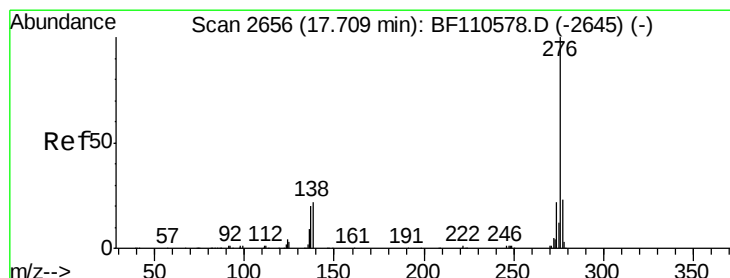
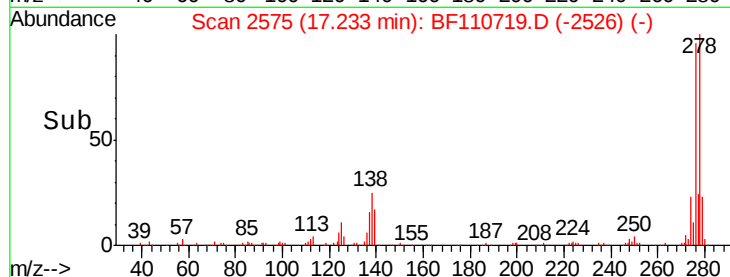
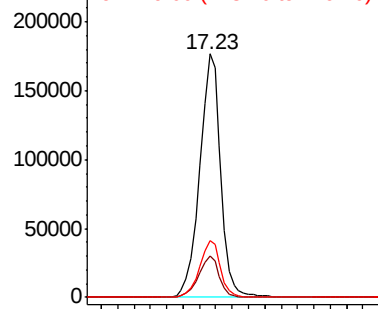
#91  
Dibenzo(a,h)anthracene  
Concen: 39.803 ng  
RT: 17.23 min Scan# 2575  
Delta R.T. -0.01 min  
Lab File: BF110719.D  
Acq: 13 Nov 2018 15:14

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:278 Resp: 314687  
Ion Ratio Lower Upper  
278 100  
139 16.8 12.7 19.1  
279 23.5 19.0 28.4

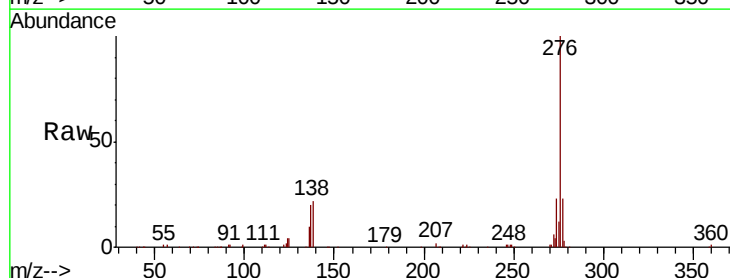


Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 40.133 ng  
RT: 17.70 min Scan# 2655  
Delta R.T. -0.01 min  
Lab File: BF110719.D  
Acq: 13 Nov 2018 15:14

Tgt Ion:276 Resp: 314814  
Ion Ratio Lower Upper  
276 100  
277 23.4 18.8 28.2  
138 21.7 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

