

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\  
 Data File : BF111112.D  
 Acq On : 5 Dec 2018 16:59  
 Operator : JU/SJ  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF120518

Quant Time: Dec 05 17:55:14 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 05 17:30:55 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.80  | 152  | 522607   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.09  | 136  | 2183952  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.85  | 164  | 1022513  | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.32 | 188  | 1762506  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.96 | 240  | 1180275  | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.39 | 264  | 1016087  | 20.00 | ng    | 0.01     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.42  | 112 | 2524381 | 75.38 | ng | 0.00 |
| 7) Phenol-d6             | 6.43  | 99  | 3249268 | 75.32 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.37  | 82  | 2940571 | 79.71 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.63 | 330 | 634551  | 78.07 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.17  | 172 | 4533414 | 81.47 | ng | 0.00 |
| 79) Terphenyl-d14        | 12.91 | 244 | 4099400 | 71.13 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.53 | 88  | 723482  | 37.557 | ng | 97     |
| 3) Pyridine                    | 3.26 | 79  | 1650135 | 38.623 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.19 | 42  | 806500  | 38.339 | ng | 95     |
| 6) Aniline                     | 6.47 | 93  | 2179606 | 37.815 | ng | 99     |
| 8) 2-Chlorophenol              | 6.59 | 128 | 1477332 | 38.271 | ng | 99     |
| 9) Benzaldehyde                | 6.35 | 77  | 875156  | 36.930 | ng | 99     |
| 10) Phenol                     | 6.45 | 94  | 1913596 | 40.680 | ng | 100    |
| 11) bis(2-Chloroethyl)ether    | 6.54 | 93  | 1454256 | 37.826 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.75 | 146 | 1555580 | 37.891 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.82 | 146 | 1581647 | 38.283 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 6.98 | 146 | 1459446 | 37.975 | ng | 99     |
| 15) Benzyl Alcohol             | 6.95 | 79  | 1309015 | 38.295 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.09 | 45  | 2886242 | 38.593 | ng | 99     |
| 17) 2-Methylphenol             | 7.06 | 107 | 1209471 | 38.169 | ng | 99     |
| 18) Hexachloroethane           | 7.32 | 117 | 599782  | 38.700 | ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 7.22 | 70  | 1112184 | 38.361 | ng | 99     |
| 20) 3+4-Methylphenols          | 7.21 | 107 | 1477222 | 38.223 | ng | 95     |
| 22) Acetophenone               | 7.22 | 105 | 1966053 | 37.252 | ng | 97     |
| 24) Nitrobenzene               | 7.39 | 77  | 1557835 | 39.254 | ng | 98     |
| 25) Isophorone                 | 7.63 | 82  | 2541352 | 37.539 | ng | 100    |
| 26) 2-Nitrophenol              | 7.70 | 139 | 708913  | 42.276 | ng | 90     |
| 27) 2,4-Dimethylphenol         | 7.74 | 122 | 1192162 | 37.750 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.84 | 93  | 1732142 | 37.795 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.94 | 162 | 1168165 | 37.573 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.03 | 180 | 1199629 | 38.228 | ng | 98     |
| 31) Naphthalene                | 8.11 | 128 | 3748161 | 39.418 | ng | 100    |
| 32) Benzoic acid               | 7.85 | 122 | 969895  | 46.573 | ng | 98     |
| 33) 4-Chloroaniline            | 8.16 | 127 | 1720292 | 37.427 | ng | 96     |
| 34) Hexachlorobutadiene        | 8.24 | 225 | 643836  | 37.753 | ng | 99     |
| 35) Caprolactam                | 8.53 | 113 | 432400  | 37.879 | ng | 99     |
| 36) 4-Chloro-3-methylphenol    | 8.63 | 107 | 1299805 | 38.168 | ng | 100    |
| 37) 2-Methylnaphthalene        | 8.80 | 142 | 2454699 | 37.425 | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.90 | 142 | 2376571 | 37.688 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.97 | 216 | 1030520 | 37.814 | ng | 99     |

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 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

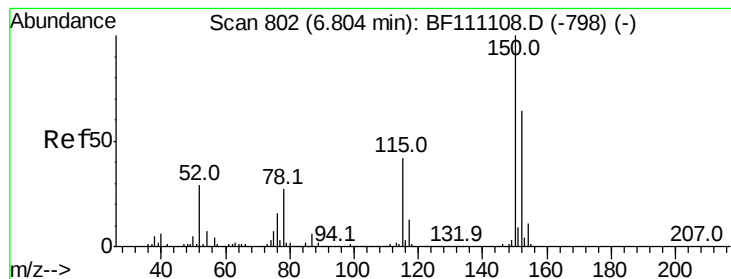
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICBF120518

Quant Time: Dec 05 17:55:14 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 05 17:30:55 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.96  | 237  | 552739   | 38.465 | nq    | 98       |
| 43) 2,4,6-Trichlorophenol      | 9.07  | 196  | 773662   | 38.870 | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.11  | 196  | 781992   | 38.758 | nq    | 97       |
| 46) 1,1'-Biphenyl              | 9.27  | 154  | 3150654  | 37.640 | nq    | 98       |
| 47) 2-Chloronaphthalene        | 9.29  | 162  | 2470451  | 37.981 | nq    | 96       |
| 48) 2-Nitroaniline             | 9.38  | 65   | 854264   | 40.527 | nq    | 92       |
| 49) Acenaphthylene             | 9.70  | 152  | 3573795  | 39.307 | nq    | 99       |
| 50) Dimethylphthalate          | 9.57  | 163  | 2718494  | 38.201 | nq    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.62  | 165  | 625650   | 41.468 | nq    | 90       |
| 52) Acenaphthene               | 9.88  | 154  | 2269754  | 37.788 | nq    | 98       |
| 53) 3-Nitroaniline             | 9.79  | 138  | 761445   | 40.178 | nq    | 98       |
| 54) 2,4-Dinitrophenol          | 9.89  | 184  | 165807   | 38.425 | nq    | # 24     |
| 55) Dibenzofuran               | 10.05 | 168  | 3243873  | 39.210 | nq    | 97       |
| 56) 4-Nitrophenol              | 9.94  | 139  | 590618   | 41.356 | nq    | 87       |
| 57) 2,4-Dinitrotoluene         | 10.02 | 165  | 796543   | 40.878 | nq    | 93       |
| 58) Fluorene                   | 10.39 | 166  | 2265550  | 38.833 | nq    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.12 | 232  | 607648   | 40.352 | nq    | 99       |
| 60) Diethylphthalate           | 10.27 | 149  | 2702429  | 38.000 | nq    | 97       |
| 61) 4-Chlorophenyl-phenylether | 10.39 | 204  | 1132912  | 39.404 | nq    | 96       |
| 62) 4-Nitroaniline             | 10.40 | 138  | 700365   | 40.946 | nq    | 99       |
| 63) Azobenzene                 | 10.55 | 77   | 2866264  | 37.856 | nq    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 10.43 | 198  | 293354   | 40.287 | nq    | 92       |
| 66) n-Nitrosodiphenylamine     | 10.50 | 169  | 2282185  | 36.979 | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.87 | 248  | 705952   | 37.838 | nq    | 92       |
| 68) Hexachlorobenzene          | 10.94 | 284  | 717965   | 37.634 | nq    | 94       |
| 69) Atrazine                   | 11.03 | 200  | 567516   | 33.343 | nq    | 99       |
| 70) Pentachlorophenol          | 11.13 | 266  | 500424   | 39.889 | nq    | 97       |
| 71) Phenanthrene               | 11.35 | 178  | 3235132  | 38.159 | nq    | 99       |
| 72) Anthracene                 | 11.40 | 178  | 3302862  | 38.649 | nq    | 99       |
| 73) Carbazole                  | 11.55 | 167  | 3404291  | 38.284 | nq    | 99       |
| 74) Di-n-butylphthalate        | 11.89 | 149  | 3894115  | 37.411 | nq    | 99       |
| 75) Fluoranthene               | 12.53 | 202  | 3239624  | 39.051 | nq    | 98       |
| 77) Benzidine                  | 12.65 | 184  | 1143085  | 28.560 | nq    | 96       |
| 78) Pyrene                     | 12.76 | 202  | 3350241  | 36.435 | nq    | 100      |
| 80) Butylbenzylphthalate       | 13.39 | 149  | 1722602  | 38.779 | nq    | 99       |
| 81) Benzo(a)anthracene         | 13.94 | 228  | 2578928  | 37.293 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.91 | 252  | 985976   | 37.781 | nq    | 97       |
| 83) Chrysene                   | 13.99 | 228  | 2605005  | 37.946 | nq    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 13.95 | 149  | 2123237  | 39.572 | nq    | 99       |
| 85) Di-n-octyl phthalate       | 14.56 | 149  | 3511847  | 41.635 | nq    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.80 | 276  | 1974294  | 35.819 | nq    | # 85     |
| 88) Benzo(b)fluoranthene       | 14.98 | 252  | 2220877  | 38.573 | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 15.01 | 252  | 2169192  | 38.972 | nq    | 99       |
| 90) Benzo(a)pyrene             | 15.33 | 252  | 2001927  | 37.907 | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 16.82 | 278  | 1653330  | 37.306 | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.23 | 276  | 1628553  | 36.568 | nq    | 98       |

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



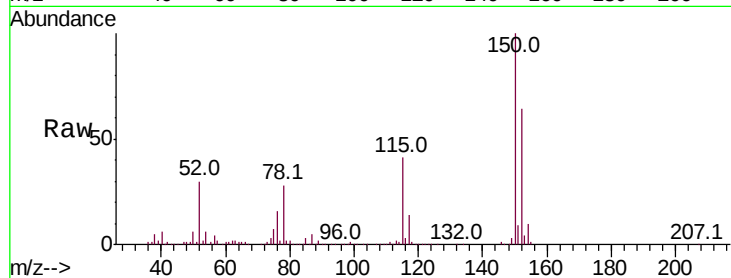


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.80 min Scan# 802  
Delta R.T. -0.00 min  
Lab File: BF111112.D  
Acq: 5 Dec 2018 16:59

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF120518

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.1 | 124.6 | 187.0 |
| 115     | 65.0  | 52.2  | 78.2  |

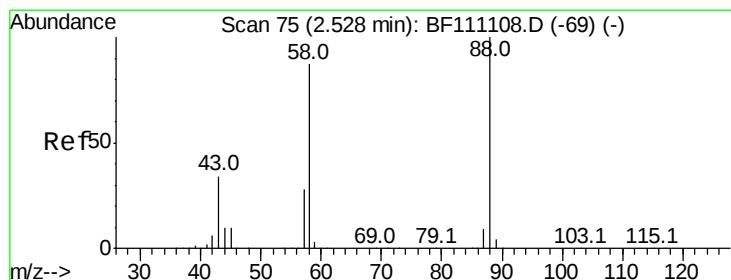
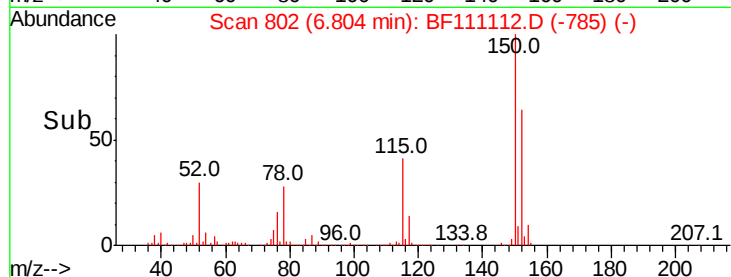
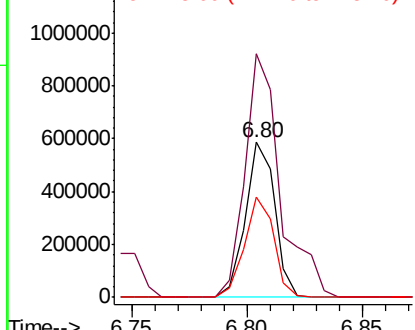


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

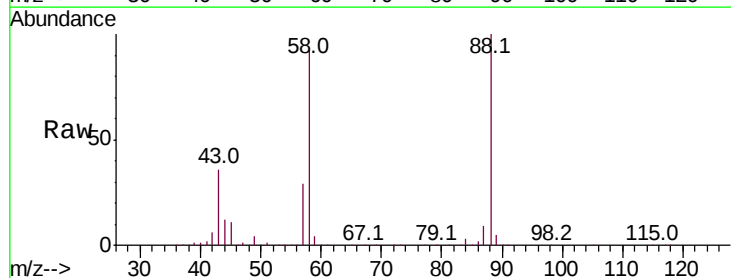
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 37.557 ng  
RT: 2.53 min Scan# 76  
Delta R.T. 0.01 min  
Lab File: BF111112.D  
Acq: 5 Dec 2018 16:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 90.7  | 70.8  | 106.2 |
| 43      | 37.3  | 28.3  | 42.5  |

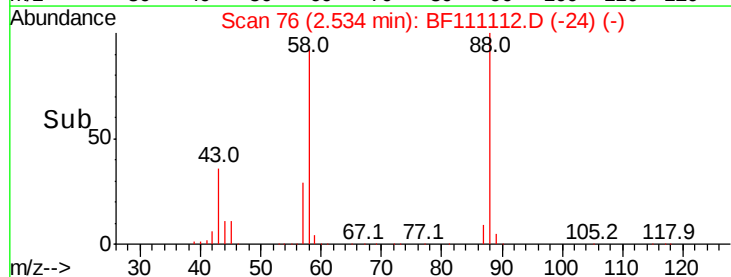
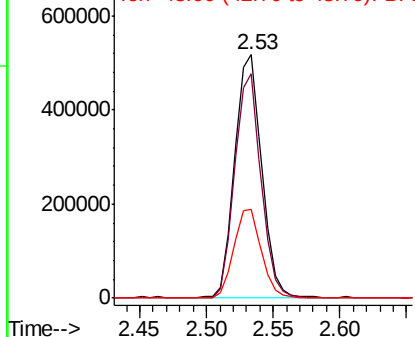


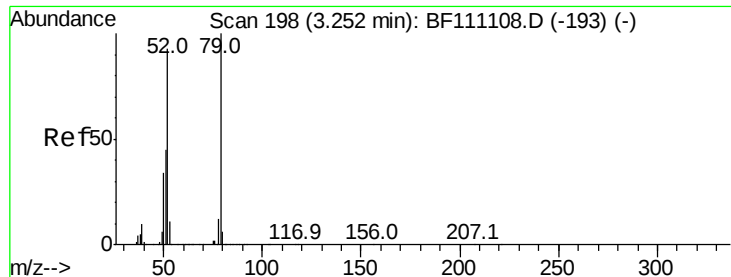
Abundance

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

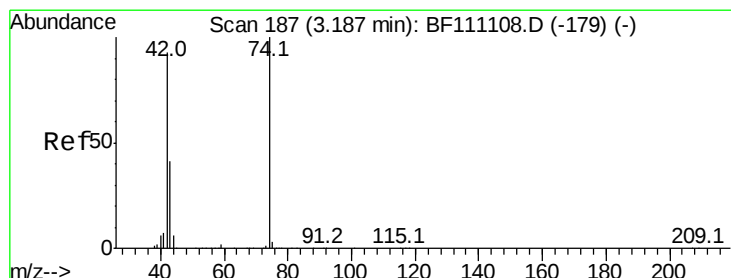
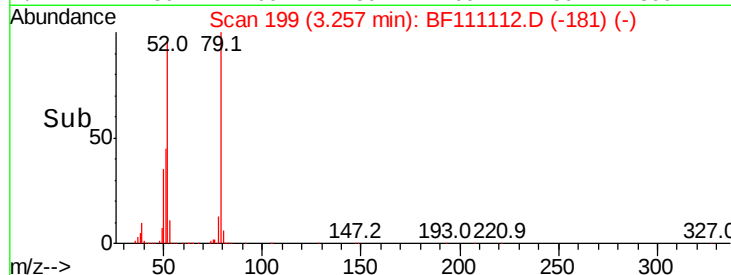
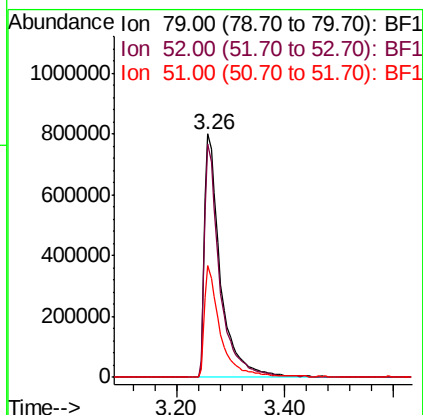
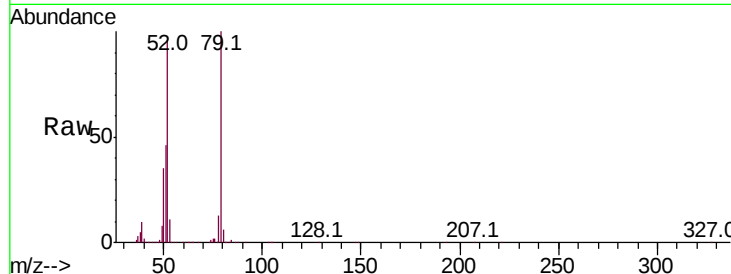




#3  
 Pvridine  
 Concen: 38.623 ng  
 RT: 3.26 min Scan# 199  
 Delta R.T. 0.01 min  
 Lab File: BF111112.D  
 Acq: 5 Dec 2018 16:59

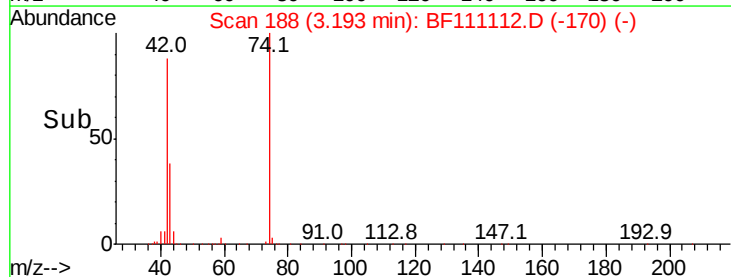
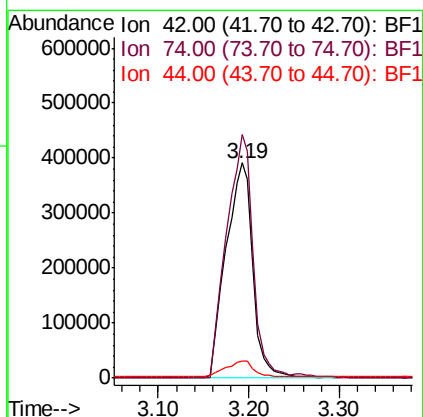
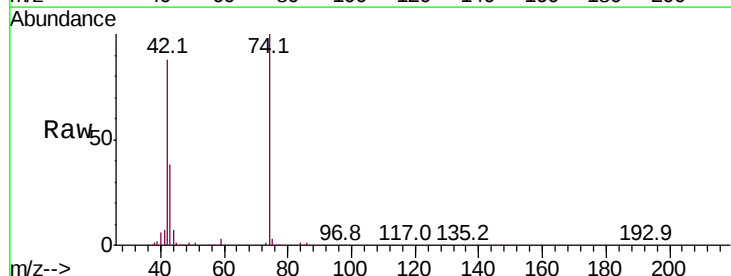
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF120518

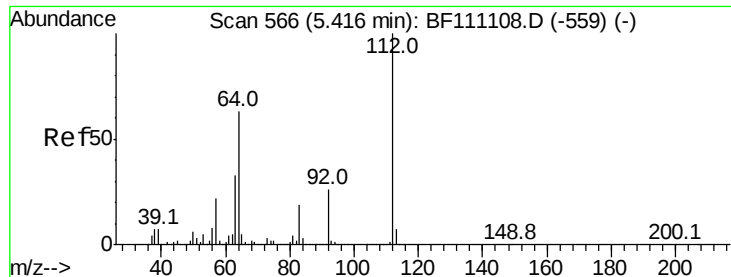
Tot Ion: 79 Resp: 1650135  
 Ion Ratio Lower Upper  
 79 100  
 52 95.8 74.7 112.1  
 51 45.8 35.9 53.9



#4  
 n-Nitrosodimethylamine  
 Concen: 38.339 ng  
 RT: 3.19 min Scan# 188  
 Delta R.T. 0.01 min  
 Lab File: BF111112.D  
 Acq: 5 Dec 2018 16:59

Tgt Ion: 42 Resp: 806500  
 Ion Ratio Lower Upper  
 42 100  
 74 113.2 86.2 129.2  
 44 8.0 5.7 8.5





#5

2-Fluorophenol

Concen: 75.376 ng

RT: 5.42 min Scan# 566

Delta R.T. -0.00 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

Instrument :

BNA\_F

ClientSampleId :

ICVBF120518

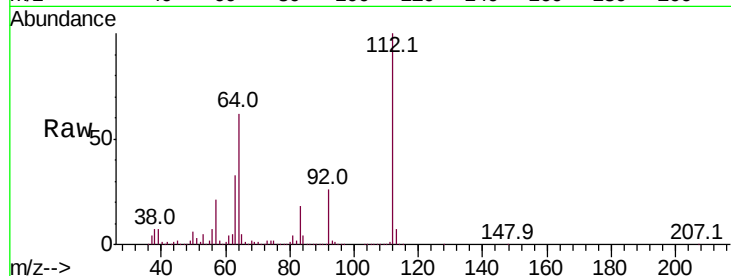
Tot Ion:112 Resp: 2524381

Ion Ratio Lower Upper

112 100

64 61.6 50.2 75.4

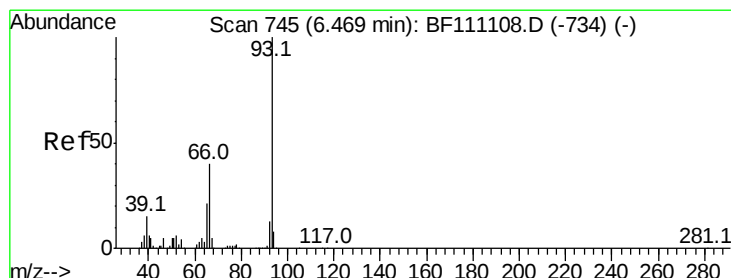
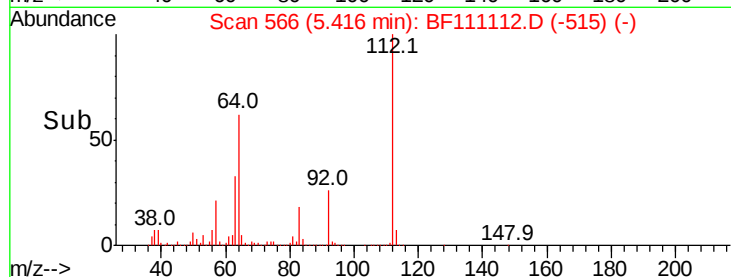
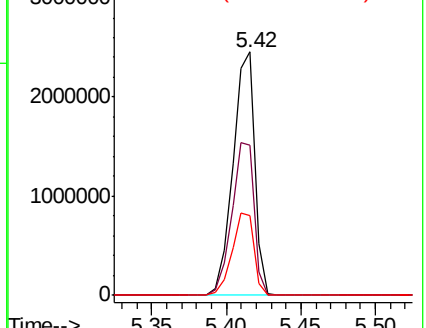
63 32.7 26.6 39.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.815 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

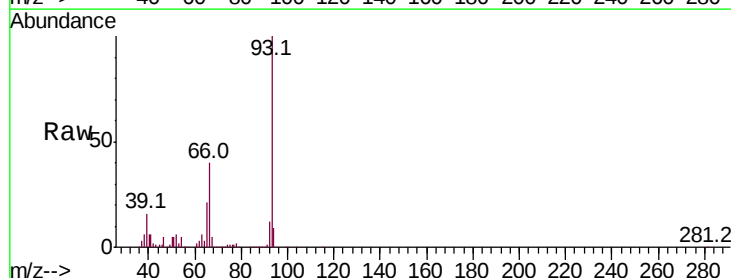
Tgt Ion: 93 Resp: 2179606

Ion Ratio Lower Upper

93 100

66 40.2 31.8 47.8

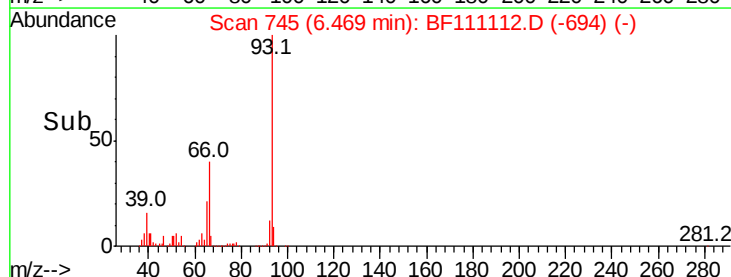
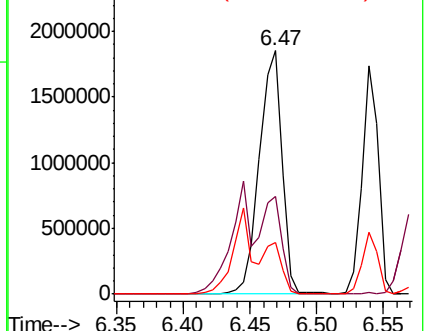
65 21.1 16.6 24.8

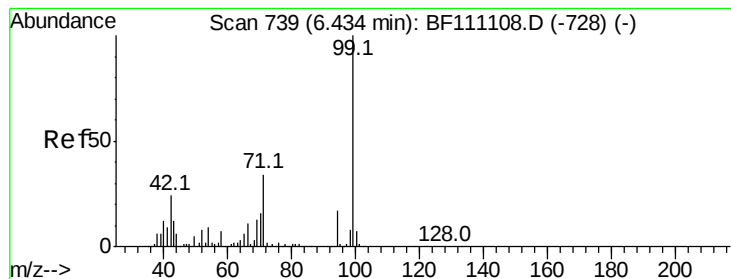


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 75.316 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

Instrument :

BNA\_F

ClientSampleId :

ICVBF120518

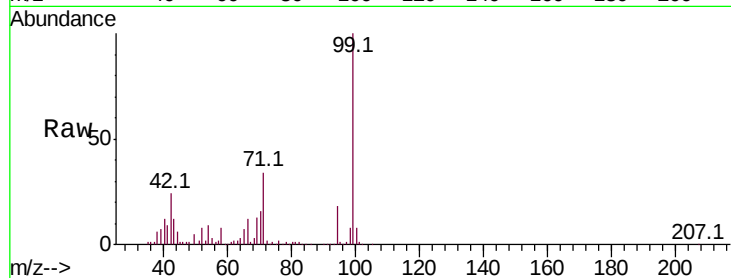
Tot Ion: 99 Resp: 3249268

Ion Ratio Lower Upper

99 100

42 24.0 19.3 28.9

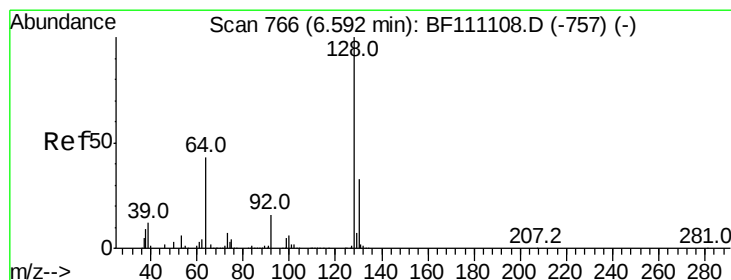
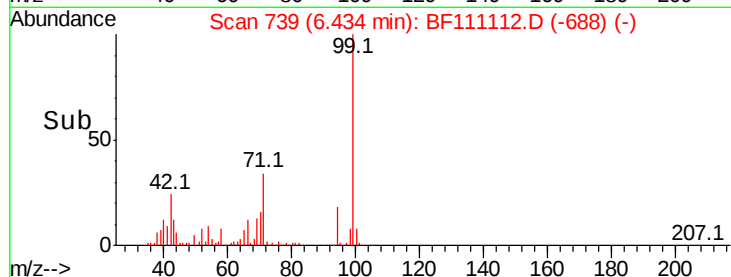
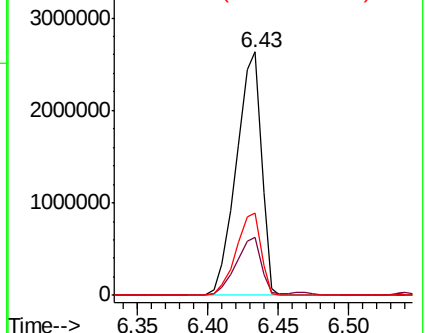
71 33.8 27.4 41.2



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: 38.271 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

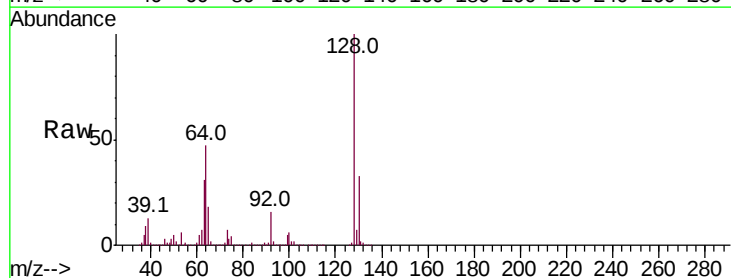
Tgt Ion:128 Resp: 1477332

Ion Ratio Lower Upper

128 100

130 32.9 12.8 52.8

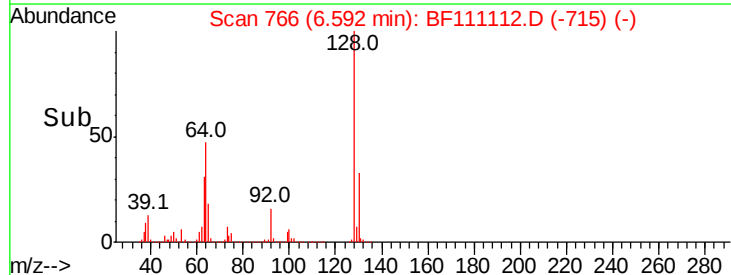
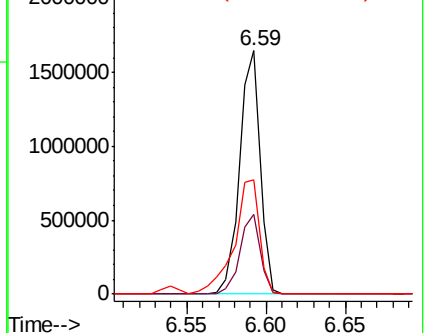
64 47.1 26.6 66.6

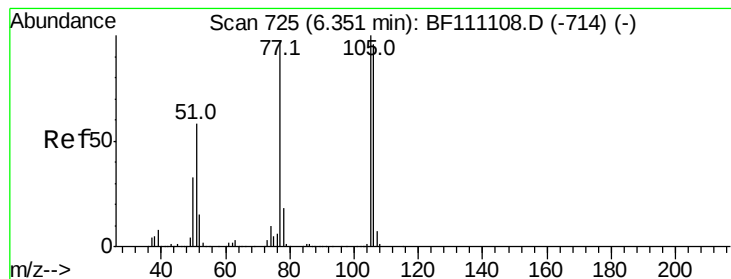


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 36.930 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

Instrument :

BNA\_F

ClientSampleId :

ICVBF120518

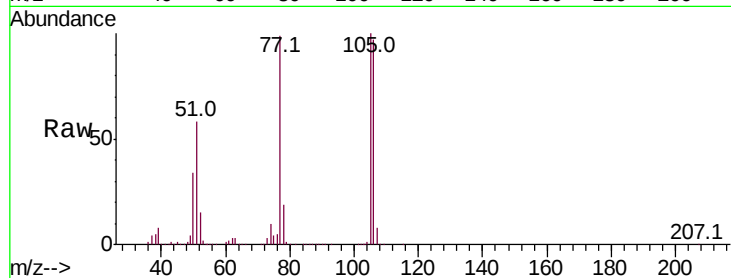
Tot Ion: 77 Resp: 875156

Ion Ratio Lower Upper

77 100

105 101.4 83.1 123.1

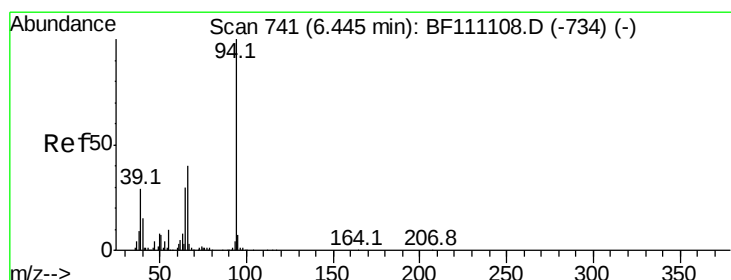
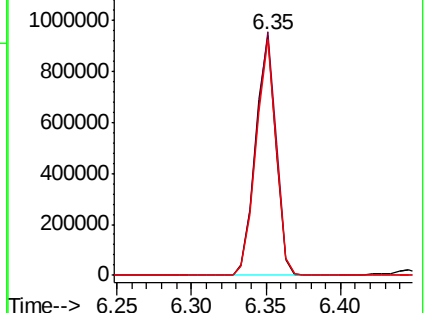
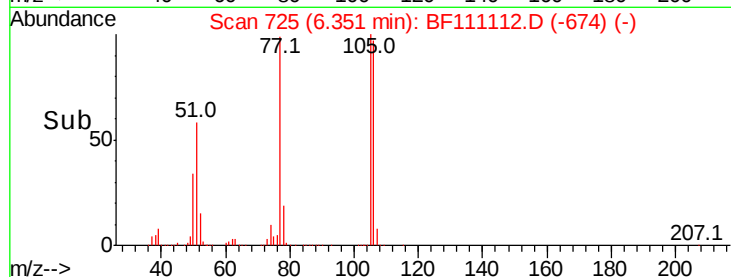
106 98.4 79.0 119.0



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: 40.680 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

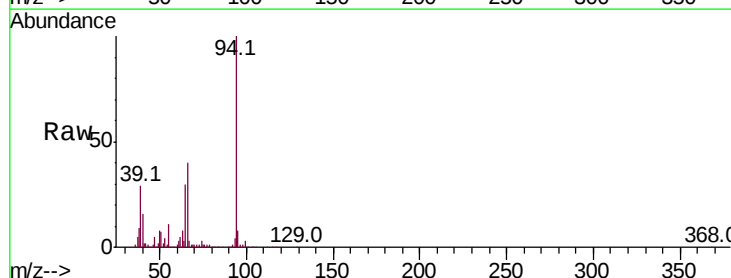
Tgt Ion: 94 Resp: 1913596

Ion Ratio Lower Upper

94 100

65 30.4 10.5 50.5

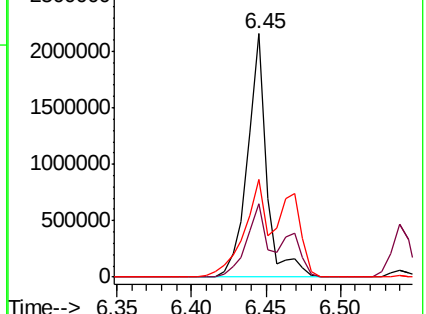
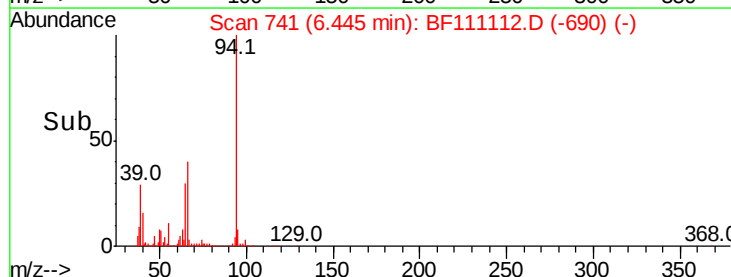
66 40.1 19.8 59.8

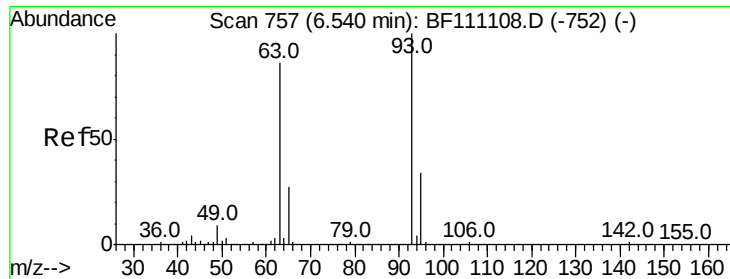


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



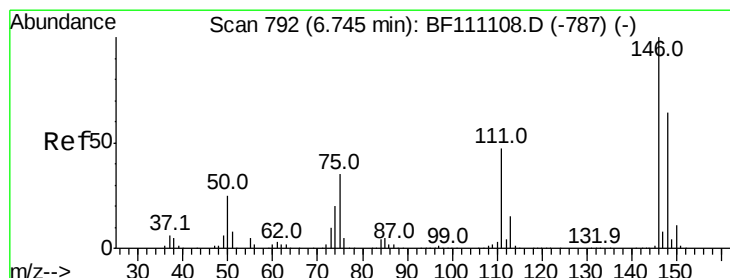
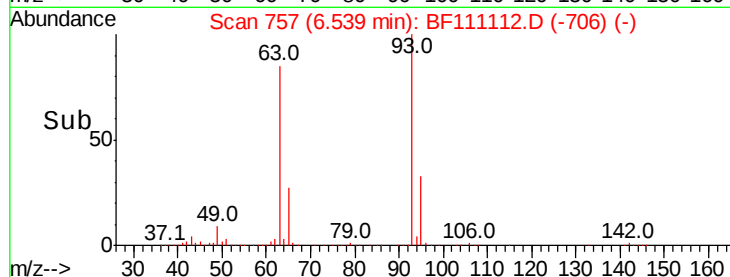
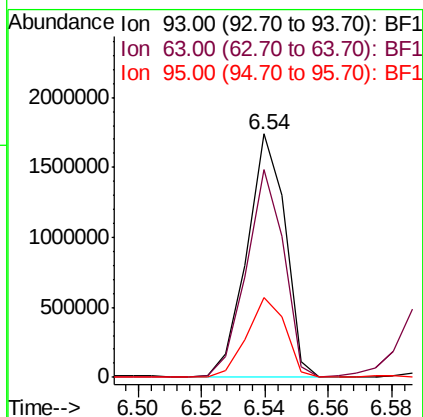
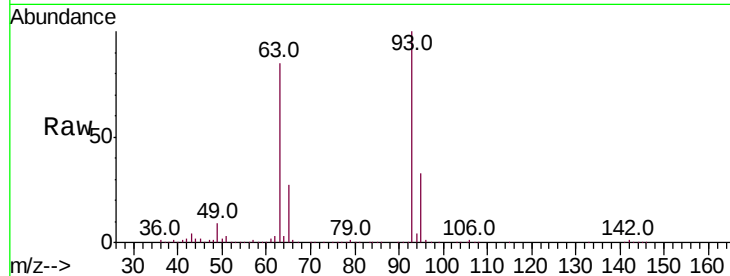


#11  
bis(2-Chloroethyl)ether  
Concen: 37.826 ng  
RT: 6.54 min Scan# 757  
Delta R.T. -0.00 min  
Lab File: BF111112.D  
Acq: 5 Dec 2018 16:59

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF120518

Tot Ion: 93 Resp: 1454256

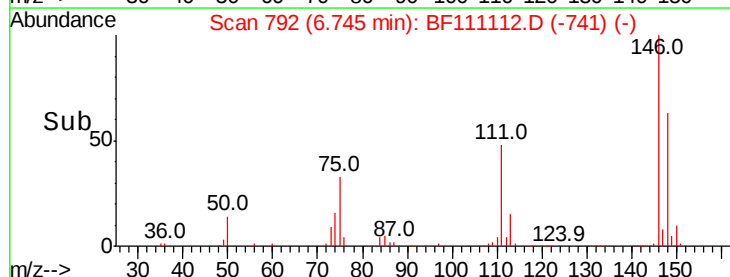
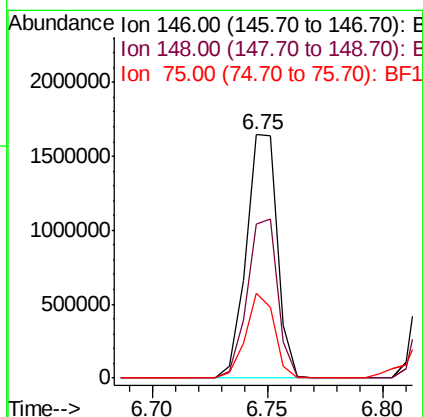
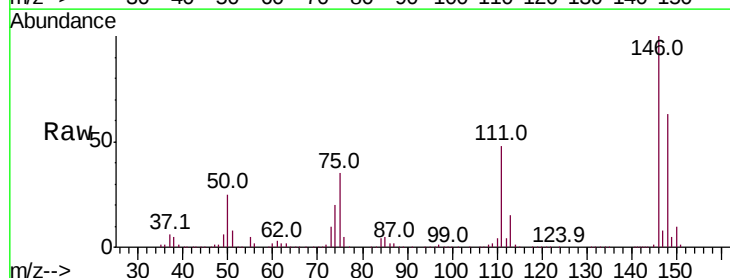
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 85.4  | 66.0  | 106.0 |
| 95  | 33.0  | 14.3  | 54.3  |

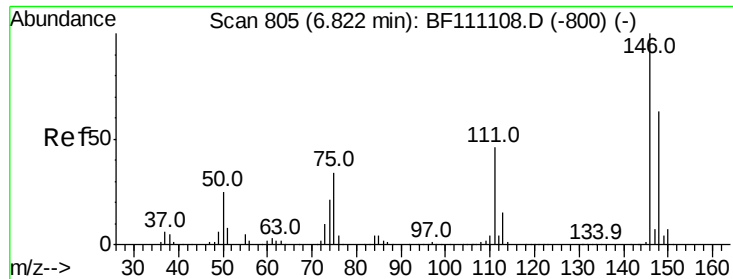


#12  
1,3-Dichlorobenzene  
Concen: 37.891 ng  
RT: 6.75 min Scan# 792  
Delta R.T. -0.00 min  
Lab File: BF111112.D  
Acq: 5 Dec 2018 16:59

Tgt Ion: 146 Resp: 1555580

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 63.2  | 51.3  | 76.9  |
| 75  | 34.7  | 27.7  | 41.5  |

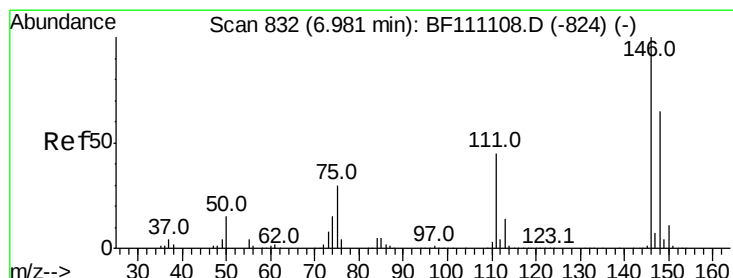
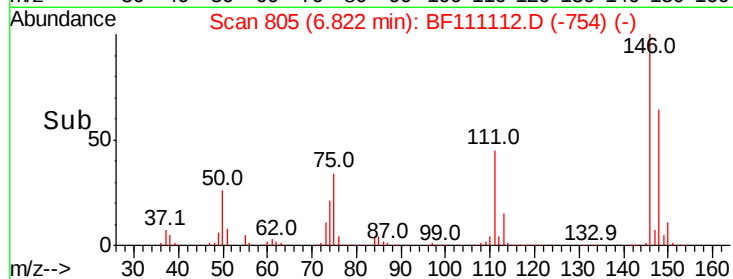
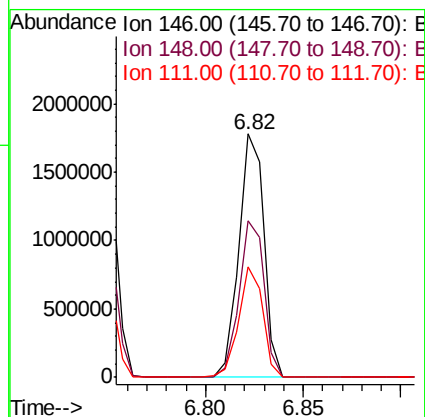
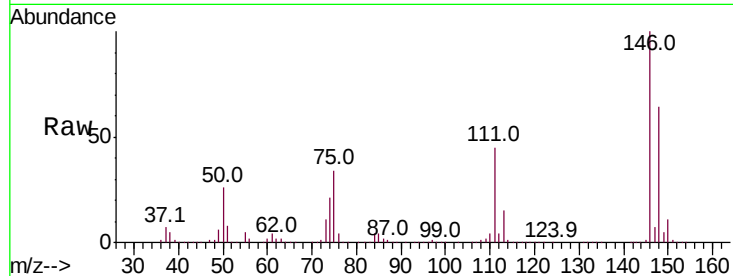




#13  
 1,4-Dichlorobenzene  
 Concen: 38.283 ng  
 RT: 6.82 min Scan# 805  
 Delta R.T. -0.00 min  
 Lab File: BF111112.D  
 Acq: 5 Dec 2018 16:59

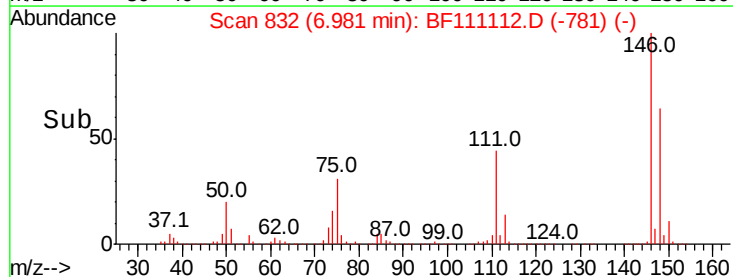
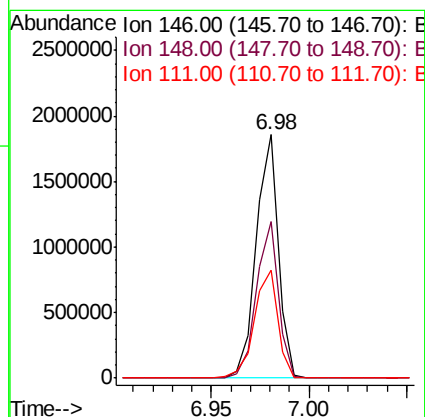
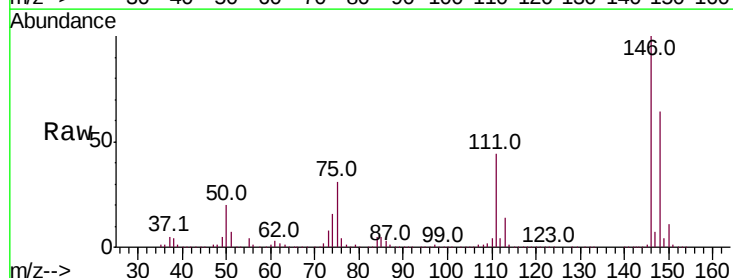
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF120518

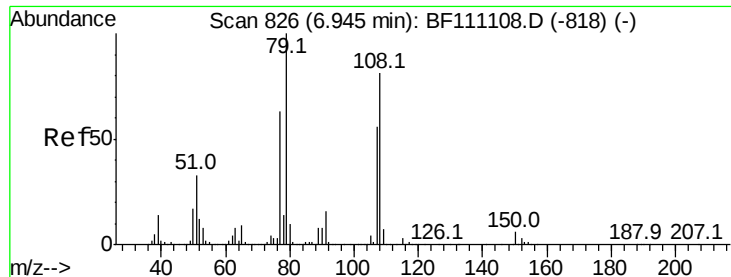
Tot Ion:146 Resp: 1581647  
 Ion Ratio Lower Upper  
 146 100  
 148 64.4 50.3 75.5  
 111 45.2 36.6 55.0



#14  
 1,2-Dichlorobenzene  
 Concen: 37.975 ng  
 RT: 6.98 min Scan# 832  
 Delta R.T. -0.00 min  
 Lab File: BF111112.D  
 Acq: 5 Dec 2018 16:59

Tgt Ion:146 Resp: 1459446  
 Ion Ratio Lower Upper  
 146 100  
 148 64.1 51.8 77.6  
 111 44.2 35.7 53.5





#15

Benzyl Alcohol

Concen: 38.295 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

Instrument :

BNA\_F

ClientSampleId :

ICVBF120518

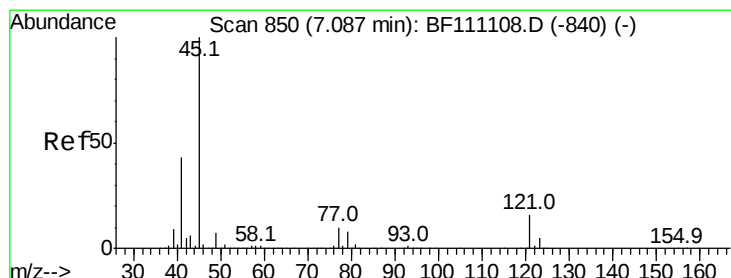
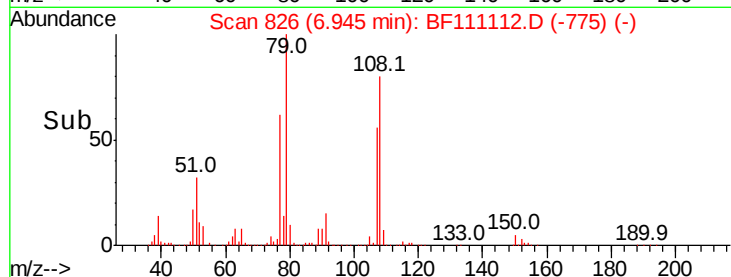
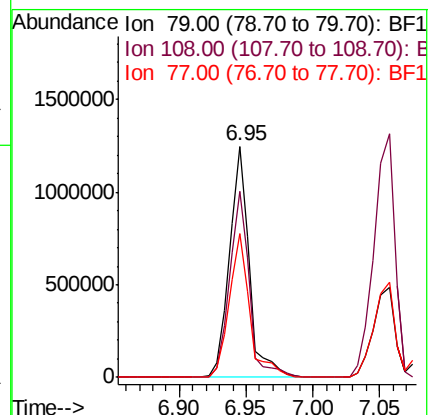
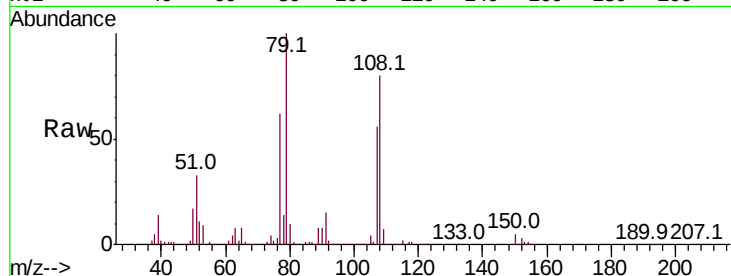
Tot Ion: 79 Resp: 1309015

Ion Ratio Lower Upper

79 100

108 80.5 64.5 96.7

77 62.3 50.5 75.7



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.593 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

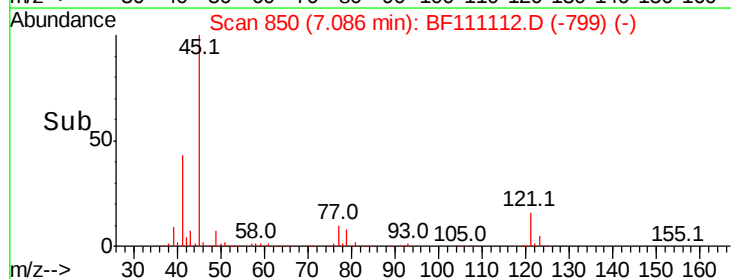
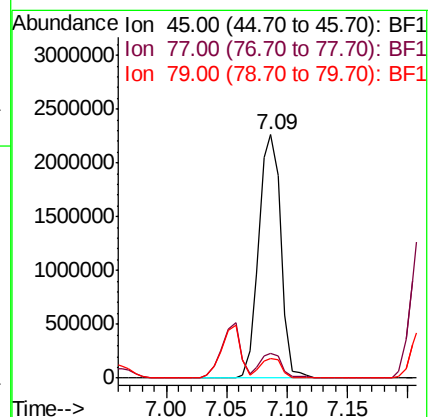
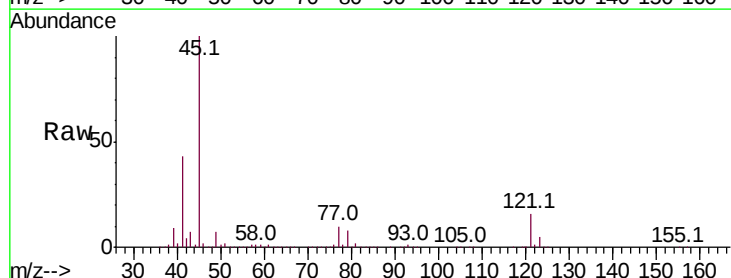
Tgt Ion: 45 Resp: 2886242

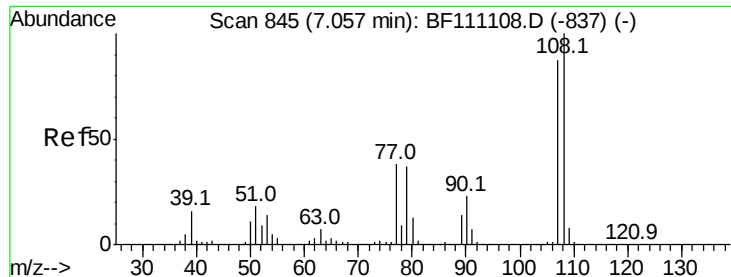
Ion Ratio Lower Upper

45 100

77 10.4 0.0 30.6

79 8.0 0.0 28.4

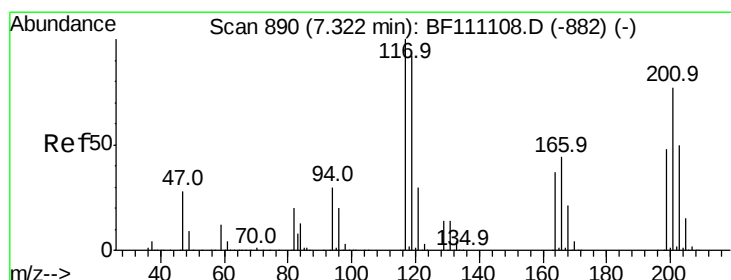
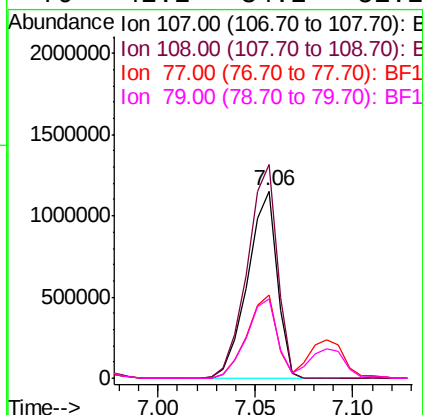
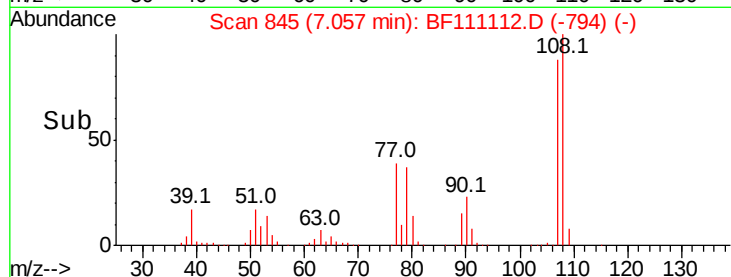
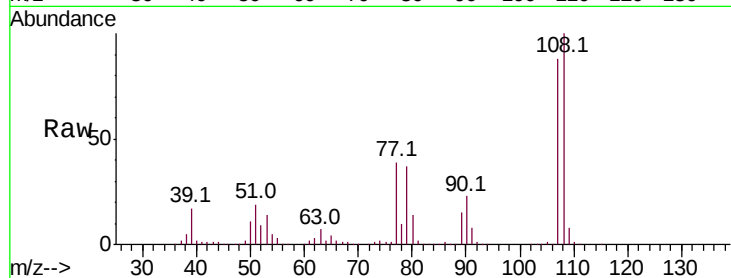




#17  
2-Methylphenol  
Concen: 38.169 ng  
RT: 7.06 min Scan# 845  
Delta R.T. -0.00 min  
Lab File: BF111112.D  
Acq: 5 Dec 2018 16:59

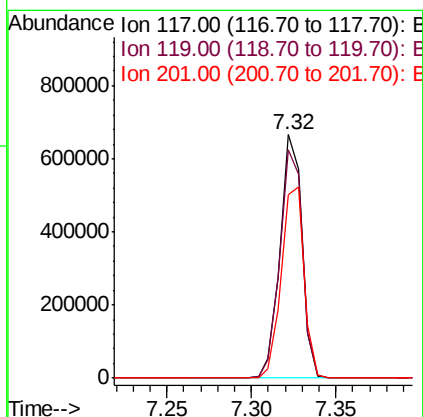
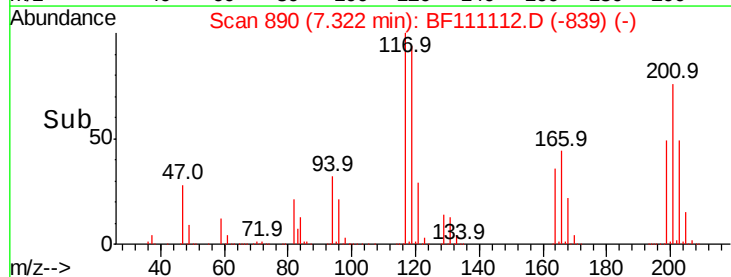
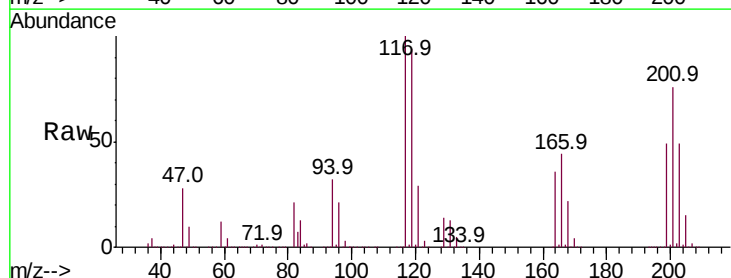
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF120518

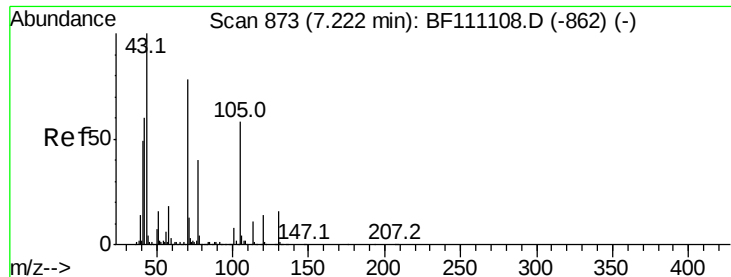
Tot Ion:107 Resp: 1209471  
Ion Ratio Lower Upper  
107 100  
108 114.2 91.8 137.8  
77 44.6 34.7 52.1  
79 42.2 34.2 51.2



#18  
Hexachloroethane  
Concen: 38.700 ng  
RT: 7.32 min Scan# 890  
Delta R.T. -0.00 min  
Lab File: BF111112.D  
Acq: 5 Dec 2018 16:59

Tgt Ion:117 Resp: 599782  
Ion Ratio Lower Upper  
117 100  
119 93.8 73.8 110.6  
201 75.5 61.2 91.8



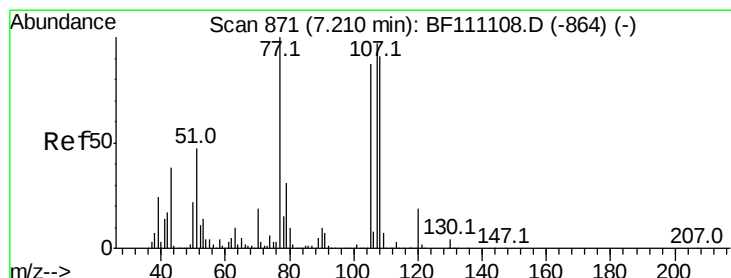
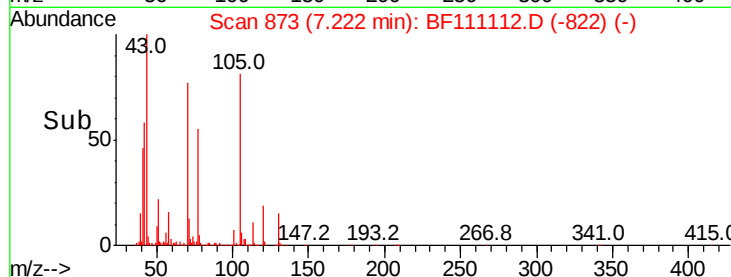
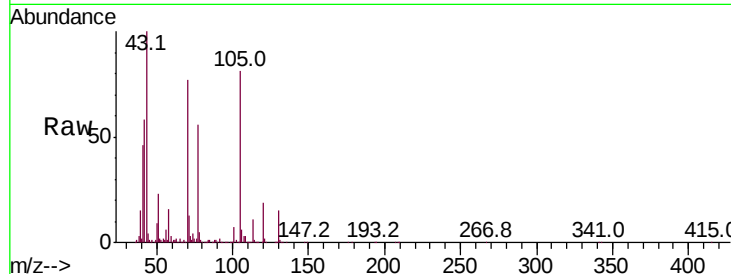
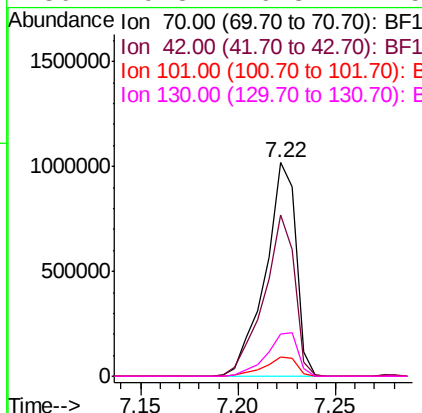


#19  
n-Nitroso-di-n-propylamine  
Concen: 38.361 ng  
RT: 7.22 min Scan# 873  
Delta R.T. -0.00 min  
Lab File: BF111112.D  
Acq: 5 Dec 2018 16:59

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF120518

Tot Ion: 70 Resp: 1112184

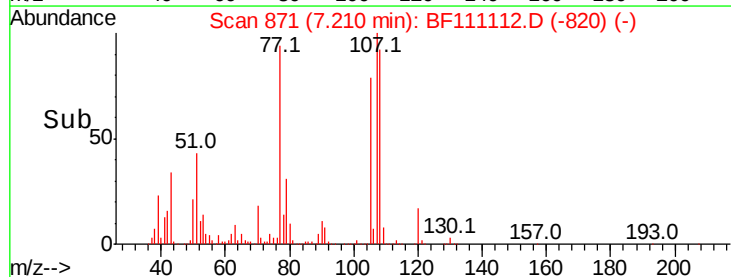
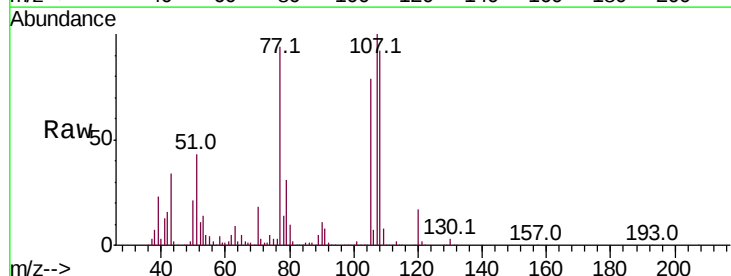
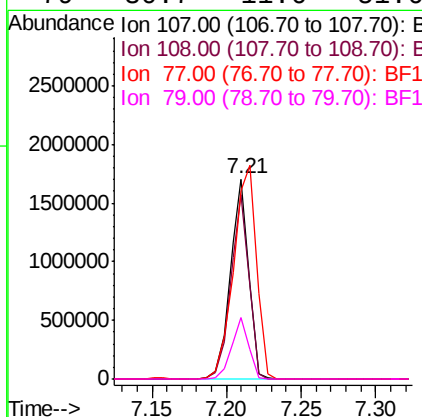
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 75.7  | 61.3  | 91.9  |
| 101 | 9.1   | 7.7   | 11.5  |
| 130 | 19.8  | 16.3  | 24.5  |

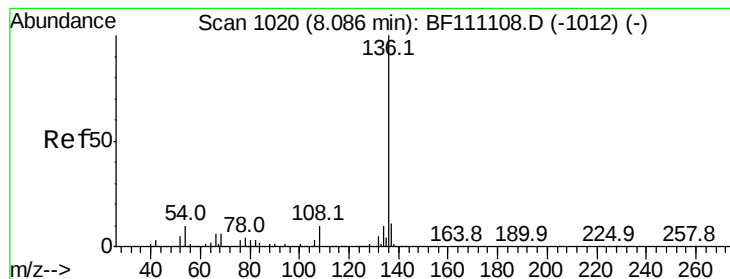


#20  
3+4-Methylphenols  
Concen: 38.223 ng  
RT: 7.21 min Scan# 871  
Delta R.T. -0.00 min  
Lab File: BF111112.D  
Acq: 5 Dec 2018 16:59

Tgt Ion: 107 Resp: 1477222

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 92.2  | 74.0  | 114.0 |
| 77  | 94.1  | 83.2  | 123.2 |
| 79  | 30.7  | 11.6  | 51.6  |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

Instrument :

BNA\_F

ClientSampleId :

ICVBF120518

Tot Ion:136 Resp: 2183952

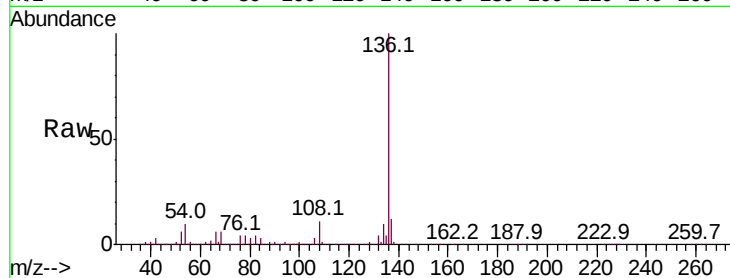
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.7  | 9.0   | 13.6  |
| 54  | 10.5  | 8.4   | 12.6  |
| 68  | 6.2   | 5.0   | 7.4   |

136 100

137 11.7 9.0 13.6

54 10.5 8.4 12.6

68 6.2 5.0 7.4



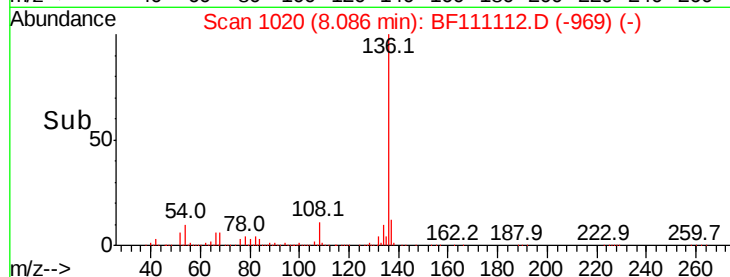
Abundance

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



Time-->

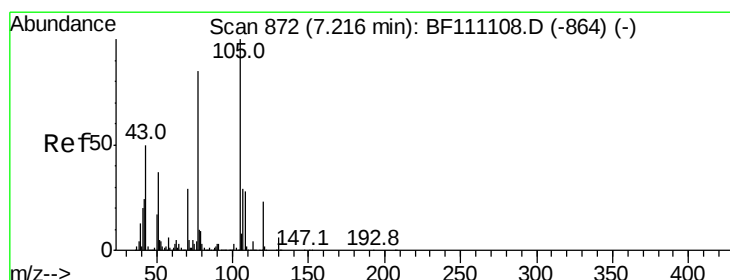
8.09

2000000

1000000

0

8.00 8.05 8.10 8.15



#22

Acetophenone

Concen: 37.252 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

Tgt Ion:105 Resp: 1966053

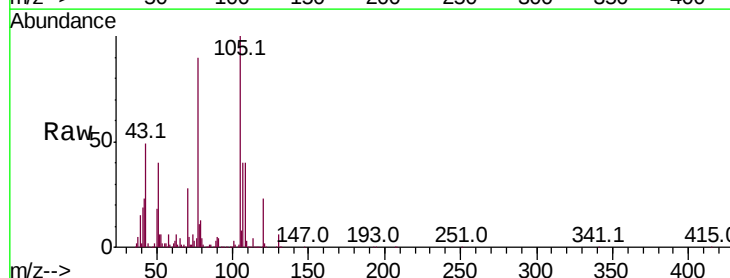
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 4.9   | 4.0   | 6.0   |
| 51  | 40.1  | 29.8  | 44.8  |
| 120 | 23.3  | 18.7  | 28.1  |

105 100

71 4.9 4.0 6.0

51 40.1 29.8 44.8

120 23.3 18.7 28.1



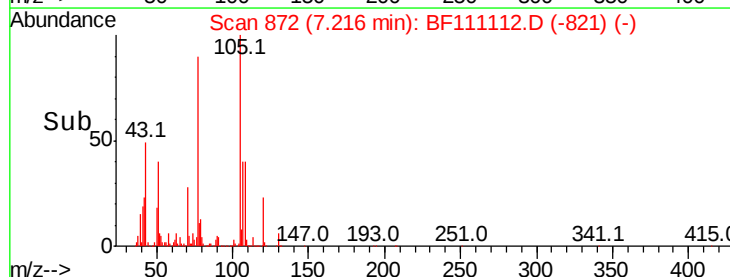
Abundance

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



Time-->

7.22

3000000

2500000

2000000

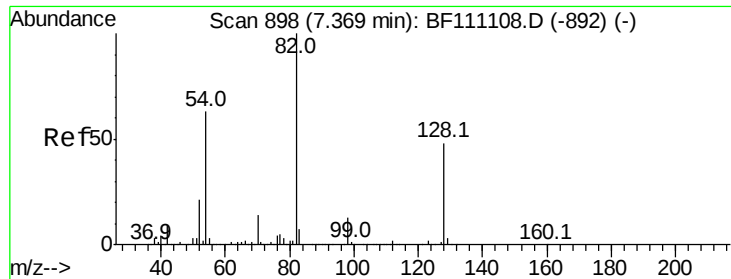
1500000

1000000

500000

0

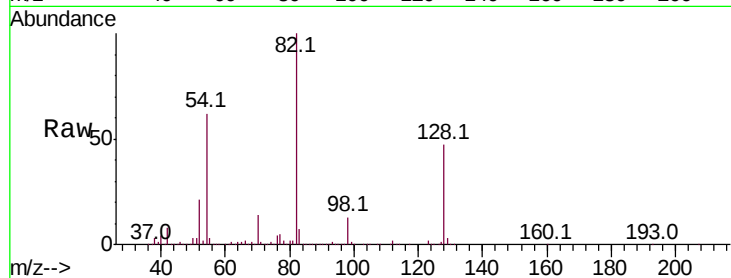
7.15 7.20 7.25 7.30



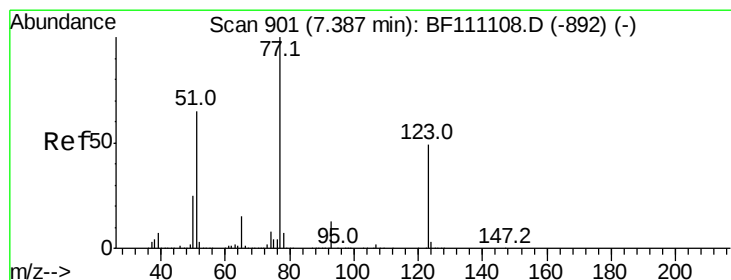
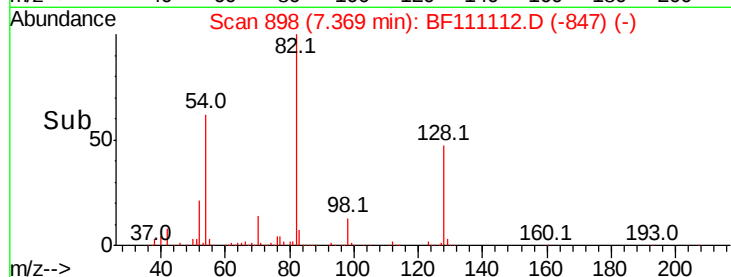
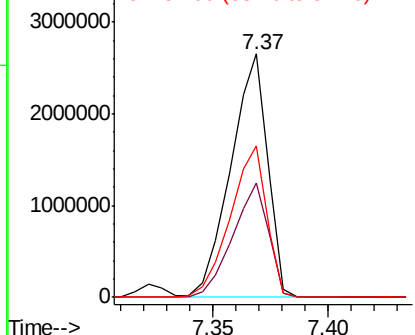
#23  
Nitrobenzene-d5  
Concen: 79.714 ng  
RT: 7.37 min Scan# 898  
Delta R.T. -0.00 min  
Lab File: BF111112.D  
Acq: 5 Dec 2018 16:59

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF120518

Tot Ion: 82 Resp: 2940571  
Ion Ratio Lower Upper  
82 100  
128 47.0 38.1 57.1  
54 62.2 50.3 75.5

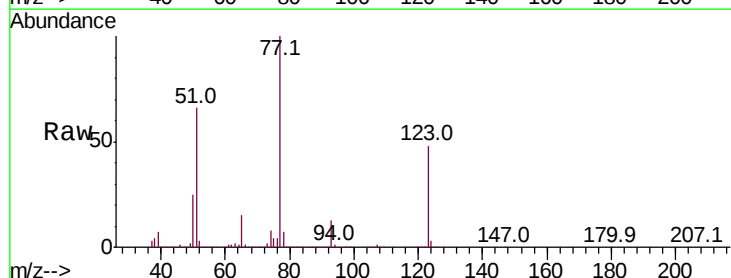


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): BF1  
Ion 54.00 (53.70 to 54.70): BF1

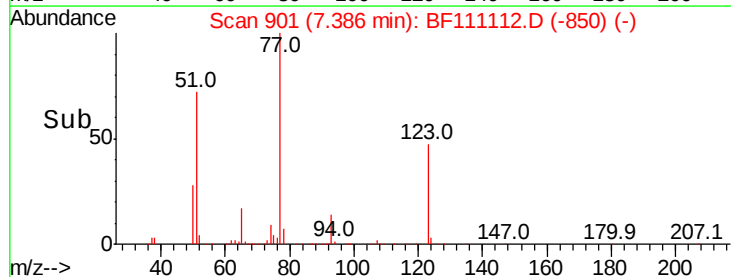
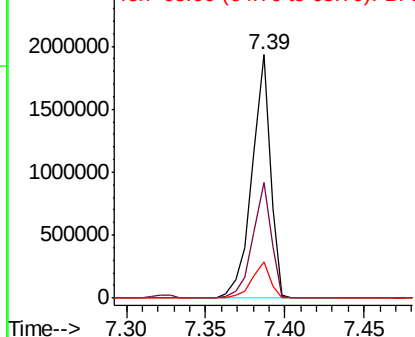


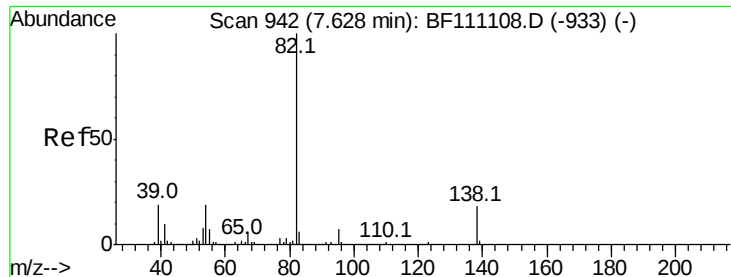
#24  
Nitrobenzene  
Concen: 39.254 ng  
RT: 7.39 min Scan# 901  
Delta R.T. -0.00 min  
Lab File: BF111112.D  
Acq: 5 Dec 2018 16:59

Tgt Ion: 77 Resp: 1557835  
Ion Ratio Lower Upper  
77 100  
123 47.5 39.5 59.3  
65 15.1 11.8 17.6



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: 37.539 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

Instrument :

BNA\_F

ClientSampleId :

ICVBF120518

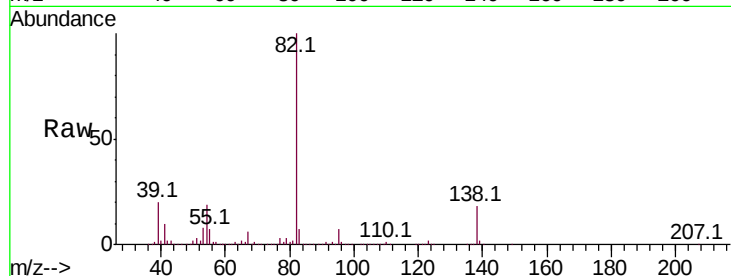
Tot Ion: 82 Resp: 2541352

Ion Ratio Lower Upper

82 100

95 7.3 5.6 8.4

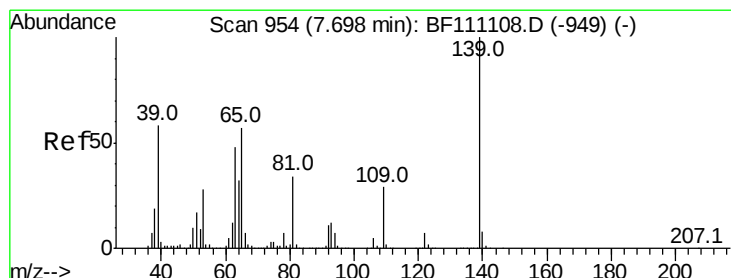
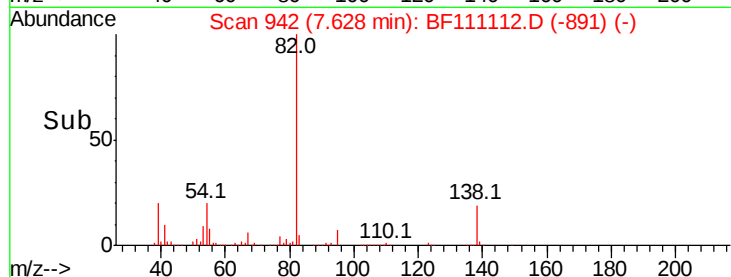
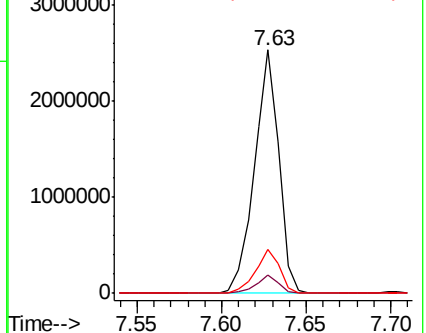
138 18.2 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 42.276 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

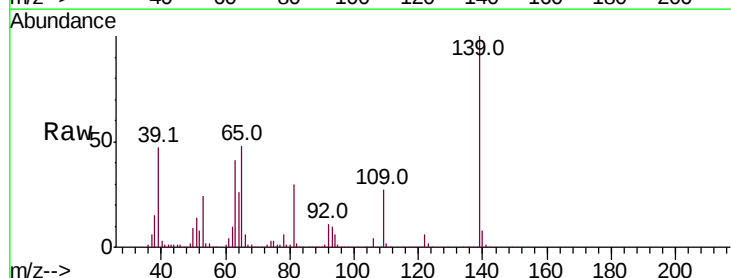
Tgt Ion: 139 Resp: 708913

Ion Ratio Lower Upper

139 100

109 26.7 23.1 34.7

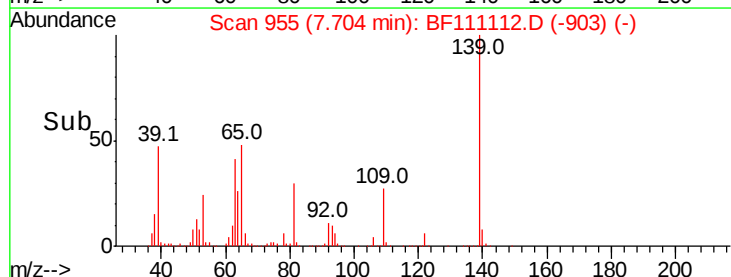
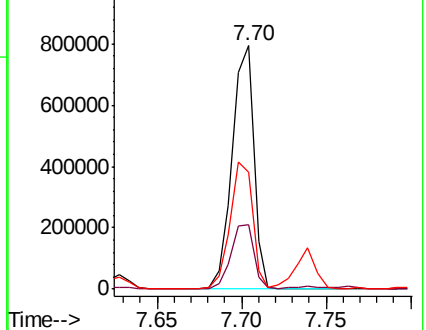
65 48.0 45.9 68.9

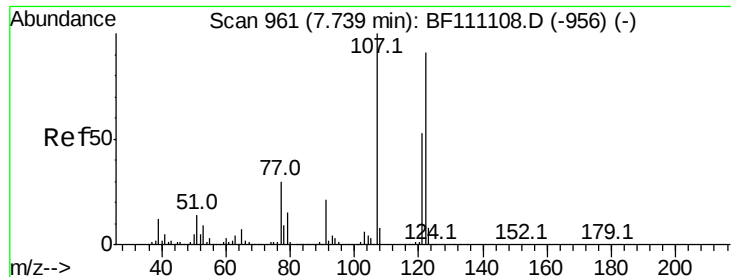


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 37.750 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

Instrument :

BNA\_F

ClientSampleId :

ICVBF120518

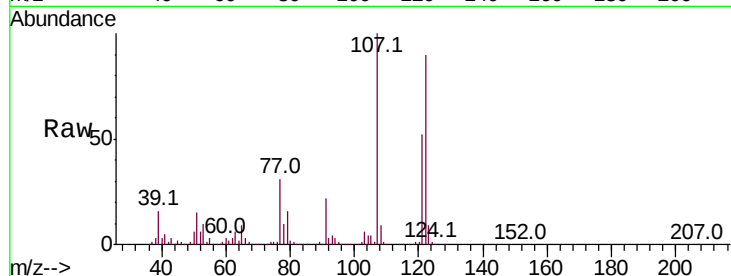
Tot Ion:122 Resp: 1192162

Ion Ratio Lower Upper

122 100

107 110.6 87.4 131.0

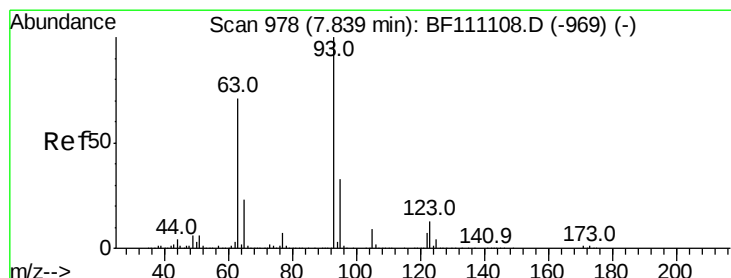
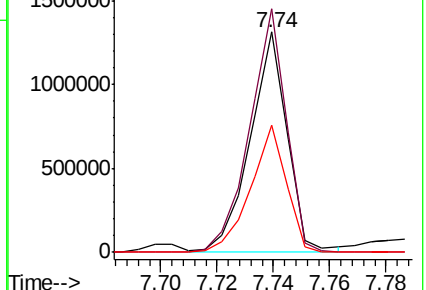
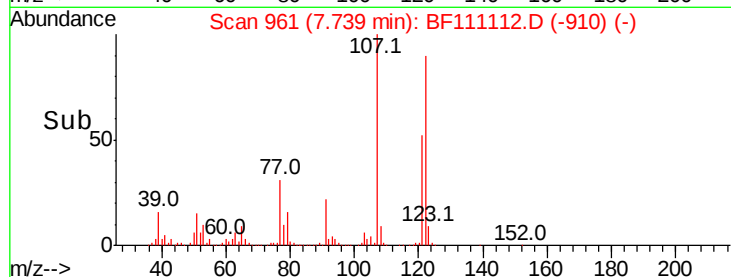
121 57.9 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.795 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

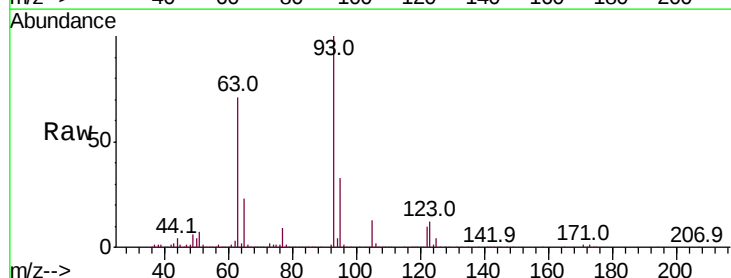
Tgt Ion: 93 Resp: 1732142

Ion Ratio Lower Upper

93 100

95 33.3 26.6 39.8

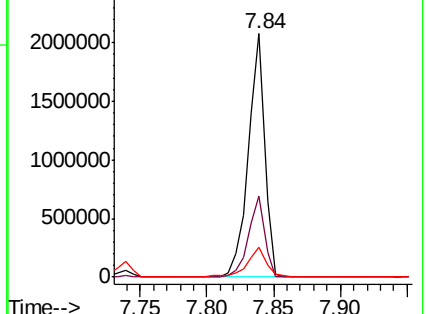
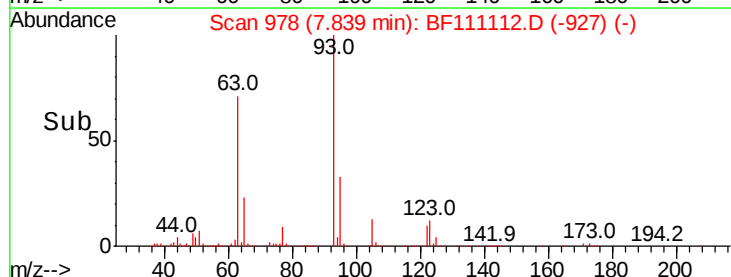
123 12.1 10.3 15.5

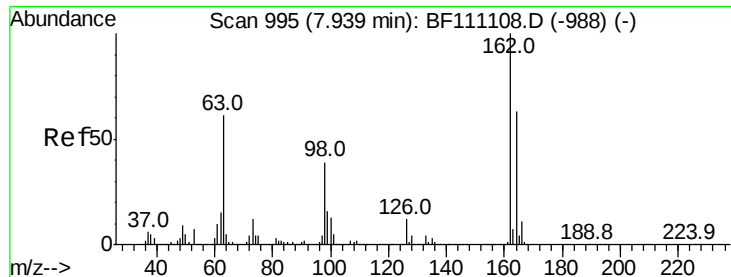


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 37.573 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.00 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

Instrument :

BNA\_F

ClientSampleId :

ICVBF120518

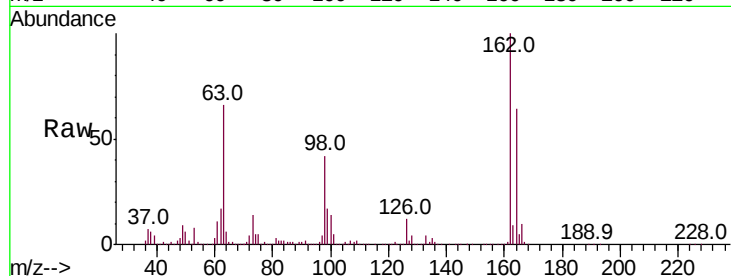
Tot Ion:162 Resp: 1168165

Ion Ratio Lower Upper

162 100

164 64.0 43.3 83.3

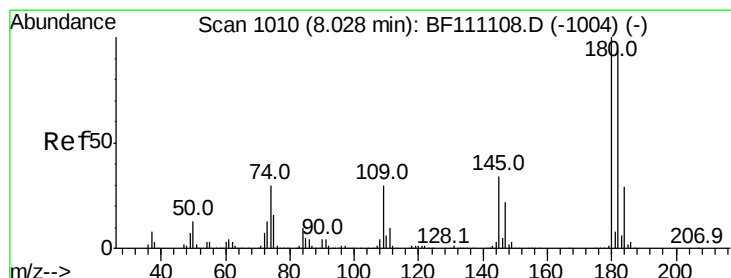
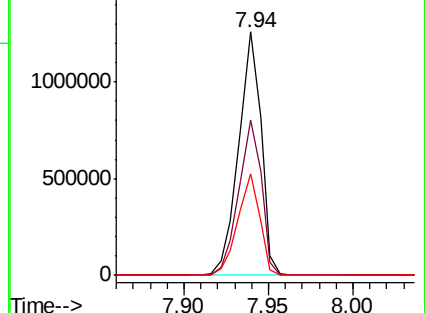
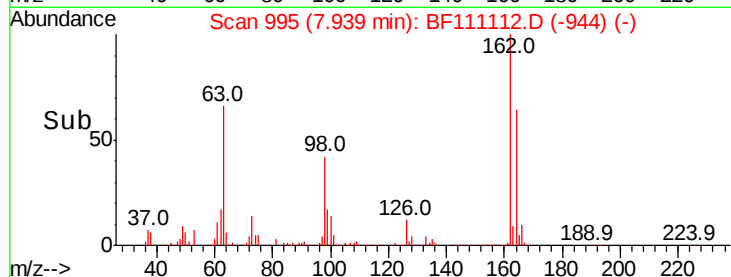
98 41.9 18.9 58.9



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: 38.228 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

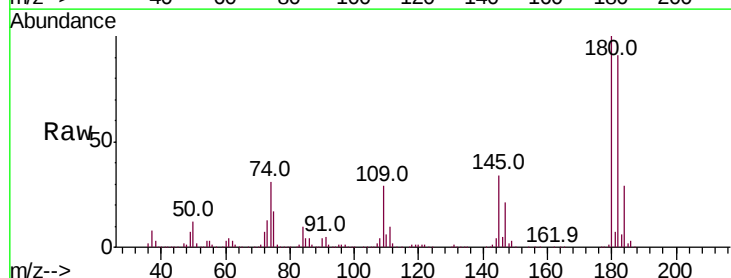
Tgt Ion:180 Resp: 1199629

Ion Ratio Lower Upper

180 100

182 91.1 75.1 112.7

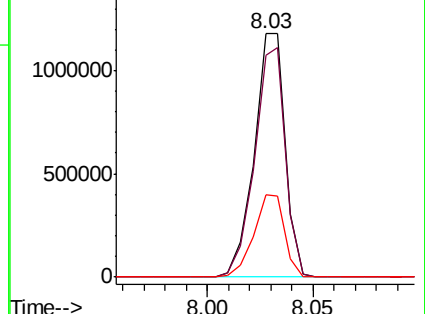
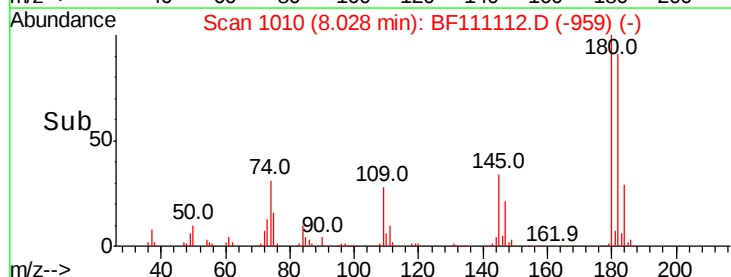
145 33.7 27.6 41.4

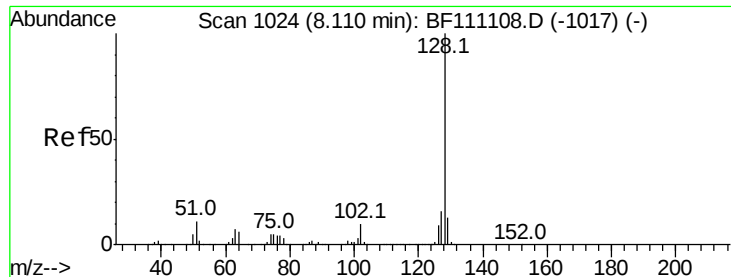


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

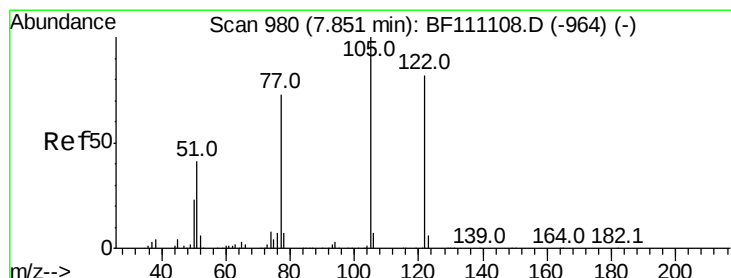
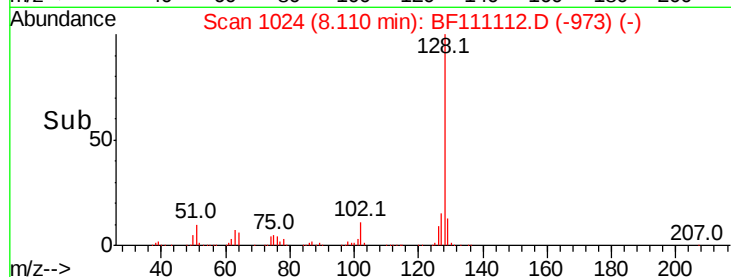
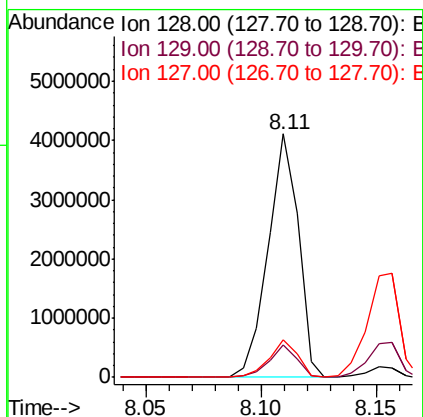
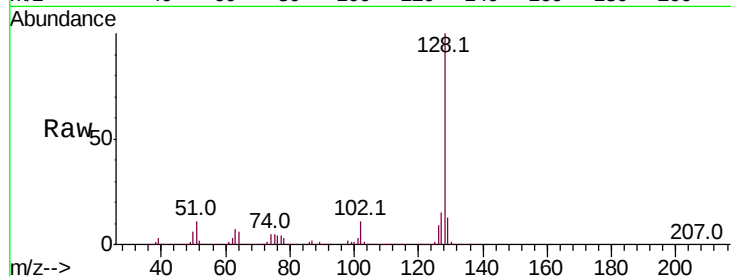




#31  
Naphthalene  
Concen: 39.418 ng  
RT: 8.11 min Scan# 1024  
Delta R.T. -0.00 min  
Lab File: BF111112.D  
Acq: 5 Dec 2018 16:59

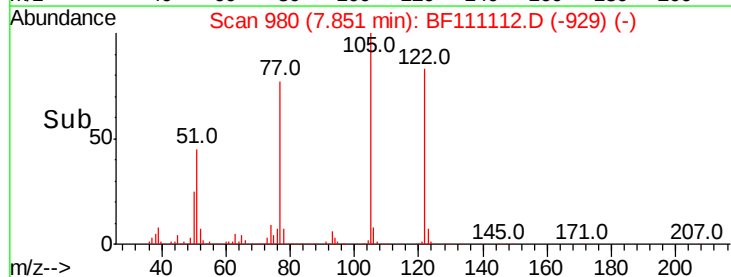
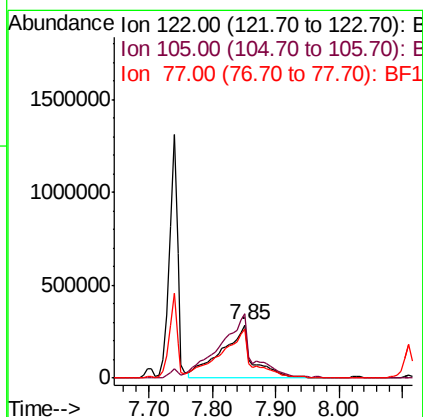
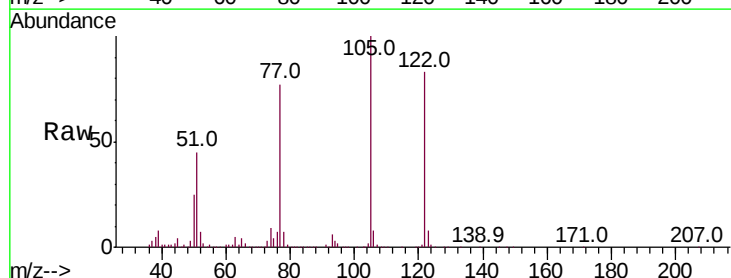
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF120518

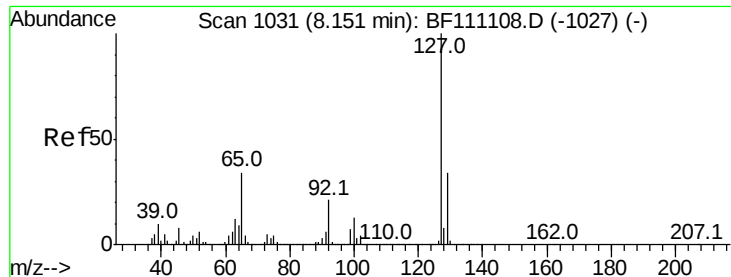
Tot Ion:128 Resp: 3748161  
Ion Ratio Lower Upper  
128 100  
129 13.1 10.5 15.7  
127 15.3 12.5 18.7



#32  
Benzoic acid  
Concen: 46.573 ng  
RT: 7.85 min Scan# 980  
Delta R.T. -0.00 min  
Lab File: BF111112.D  
Acq: 5 Dec 2018 16:59

Tgt Ion:122 Resp: 969895  
Ion Ratio Lower Upper  
122 100  
105 120.4 100.1 140.1  
77 92.7 69.4 109.4



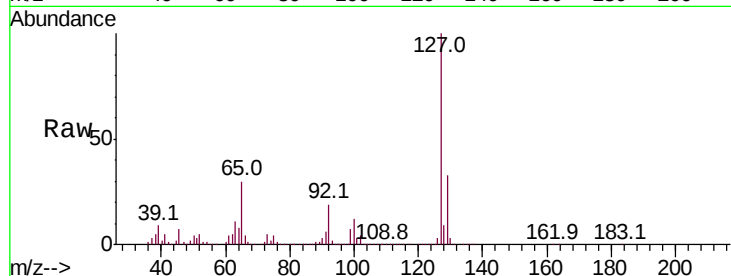


#33  
4-Chloroaniline  
Concen: 37.427 ng  
RT: 8.16 min Scan# 1032  
Delta R.T. 0.01 min  
Lab File: BF111112.D  
Acq: 5 Dec 2018 16:59

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF120518

Tot Ion:127 Resp: 1720292

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 127 | 100   |       |       |
| 129 | 33.2  | 27.0  | 40.6  |
| 65  | 30.5  | 27.2  | 40.8  |
| 92  | 18.8  | 16.6  | 24.8  |



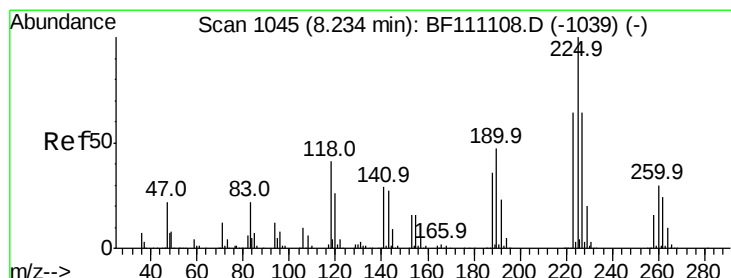
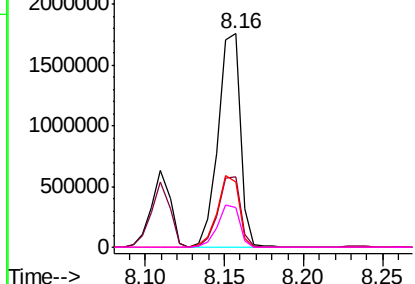
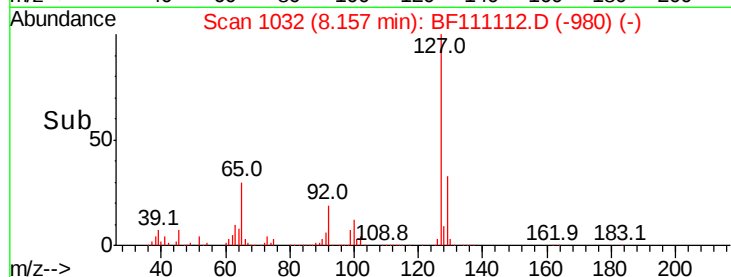
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

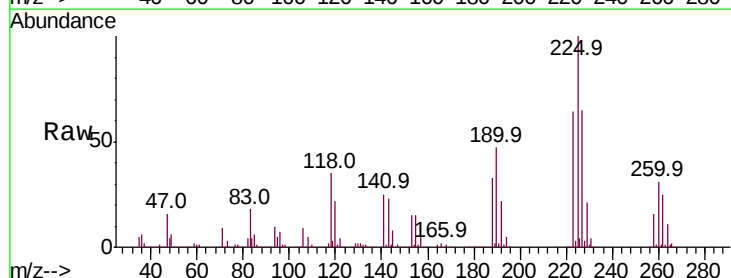
Ion 92.00 (91.70 to 92.70): BF1



#34  
Hexachlorobutadiene  
Concen: 37.753 ng  
RT: 8.24 min Scan# 1046  
Delta R.T. 0.01 min  
Lab File: BF111112.D  
Acq: 5 Dec 2018 16:59

Tgt Ion:225 Resp: 643836

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 63.7  | 51.4  | 77.2  |
| 227 | 65.2  | 51.0  | 76.4  |

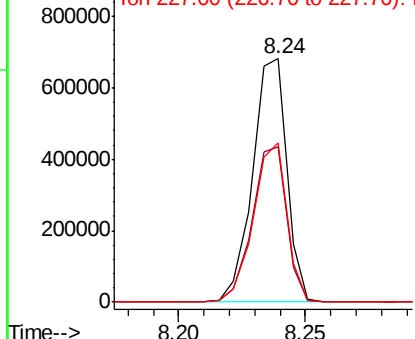
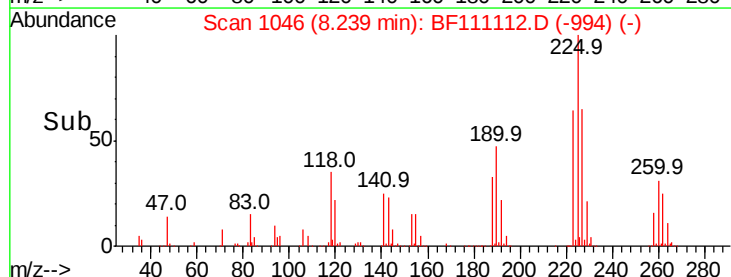


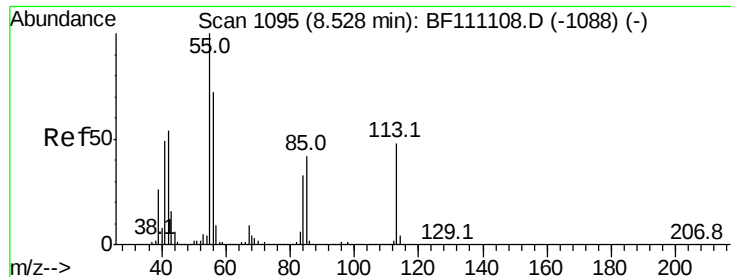
Abundance

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

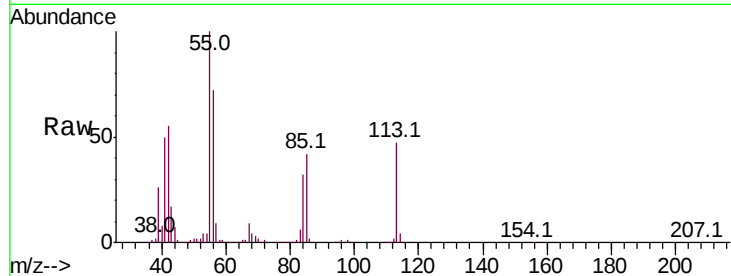




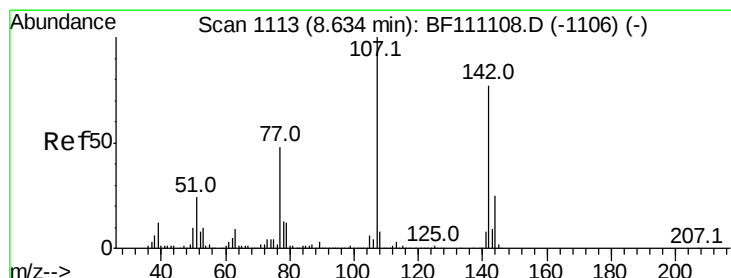
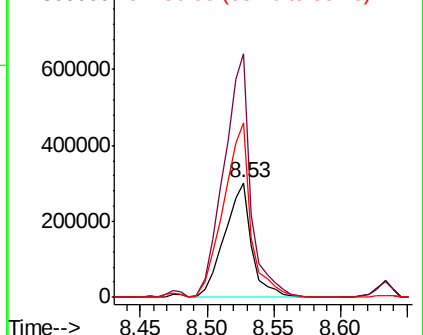
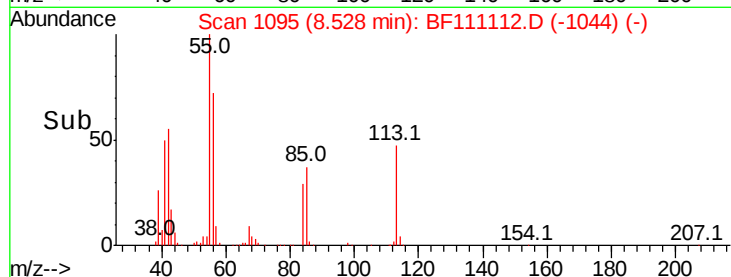
#35  
Caprolactam  
Concen: 37.879 ng  
RT: 8.53 min Scan# 1095  
Delta R.T. -0.00 min  
Lab File: BF111112.D  
Acq: 5 Dec 2018 16:59

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF120518

Tot Ion:113 Resp: 432400  
Ion Ratio Lower Upper  
113 100  
55 212.3 190.6 230.6  
56 151.9 130.9 170.9

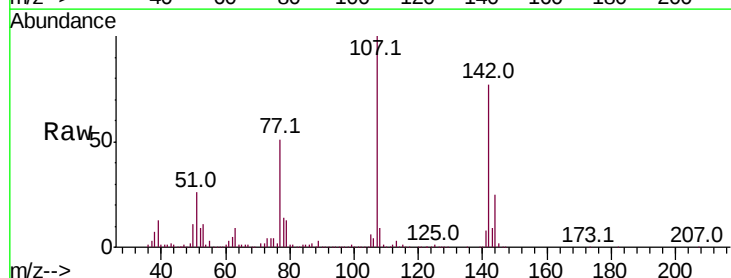


Abundance Ion 113.00 (112.70 to 113.70): E  
Ion 55.00 (54.70 to 55.70): BF1  
Ion 56.00 (55.70 to 56.70): BF1

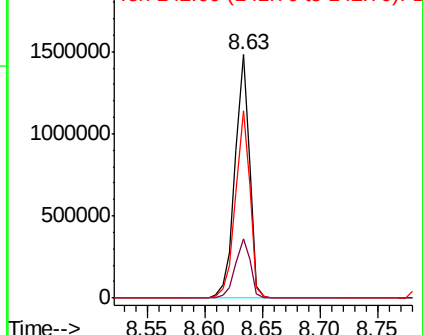
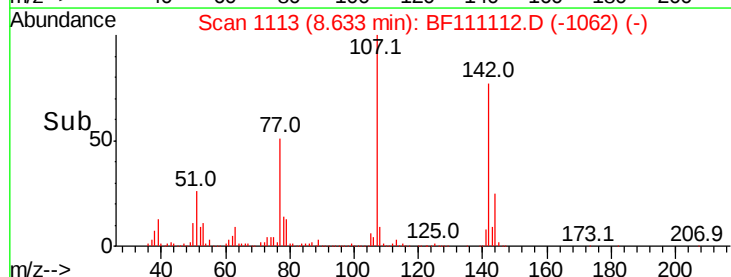


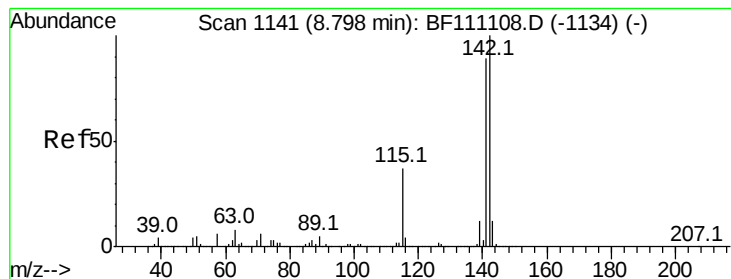
#36  
4-Chloro-3-methylphenol  
Concen: 38.168 ng  
RT: 8.63 min Scan# 1113  
Delta R.T. -0.00 min  
Lab File: BF111112.D  
Acq: 5 Dec 2018 16:59

Tgt Ion:107 Resp: 1299805  
Ion Ratio Lower Upper  
107 100  
144 24.5 19.9 29.9  
142 76.7 61.4 92.0



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

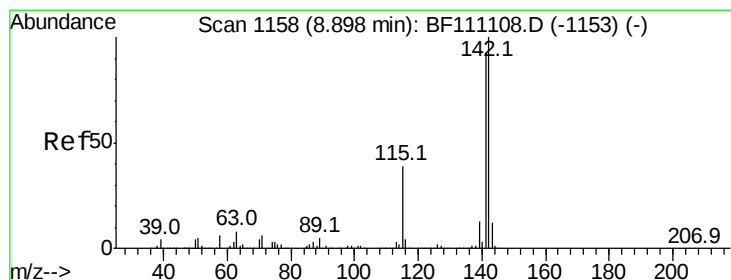
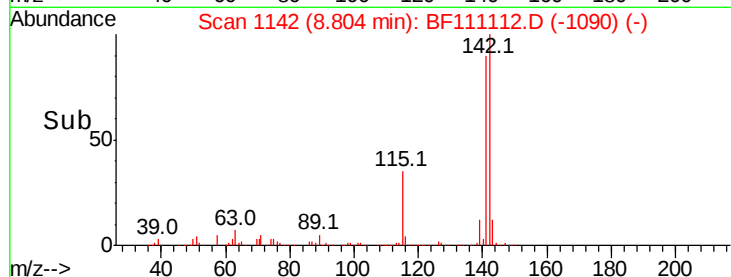
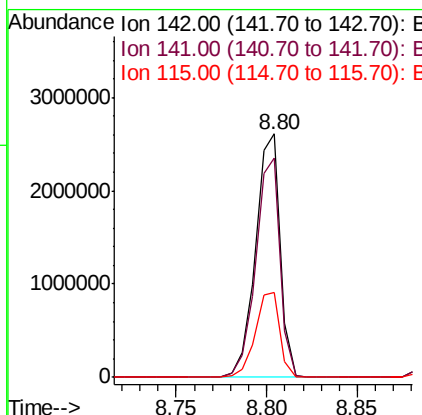
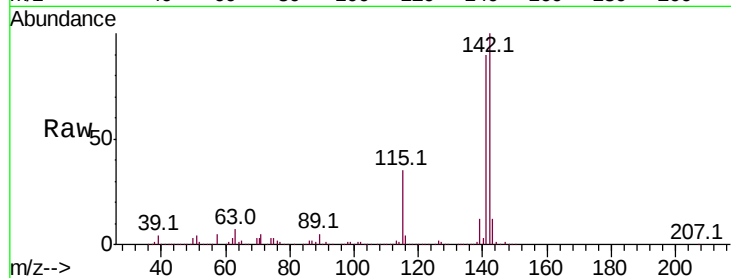




#37  
2-Methylnaphthalene  
Concen: 37.425 ng  
RT: 8.80 min Scan# 1142  
Delta R.T. 0.01 min  
Lab File: BF111112.D  
Acq: 5 Dec 2018 16:59

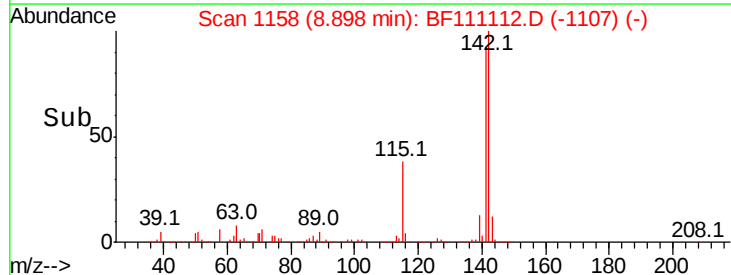
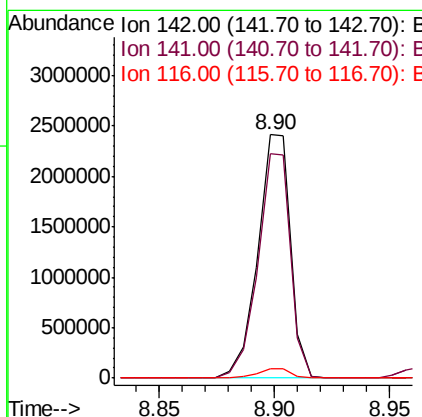
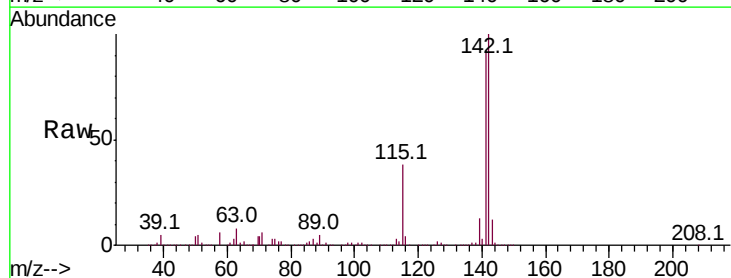
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF120518

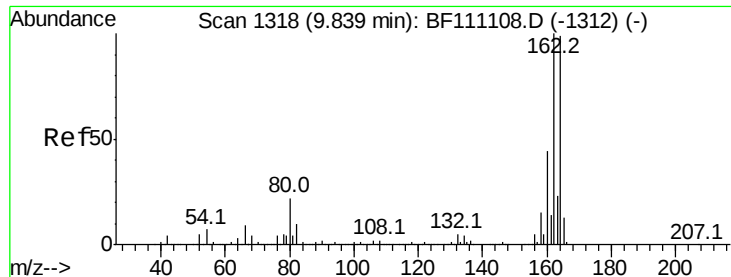
Tot Ion:142 Resp: 2454699  
Ion Ratio Lower Upper  
142 100  
141 90.1 71.4 107.0  
115 35.1 29.2 43.8



#38  
1-Methylnaphthalene  
Concen: 37.688 ng  
RT: 8.90 min Scan# 1158  
Delta R.T. -0.00 min  
Lab File: BF111112.D  
Acq: 5 Dec 2018 16:59

Tgt Ion:142 Resp: 2376571  
Ion Ratio Lower Upper  
142 100  
141 92.1 74.5 111.7  
116 4.1 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

Instrument :

BNA\_F

ClientSampleId :

ICVBF120518

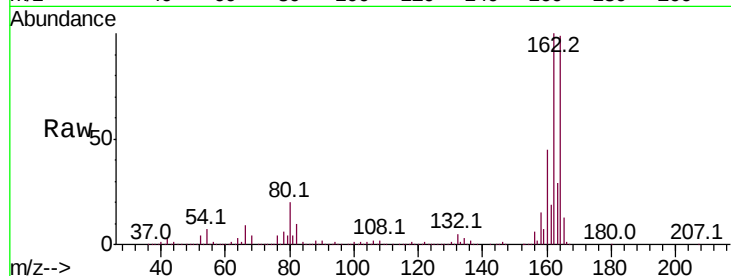
Tot Ion:164 Resp: 1022513

Ion Ratio Lower Upper

164 100

162 101.3 80.6 120.8

160 45.9 35.5 53.3

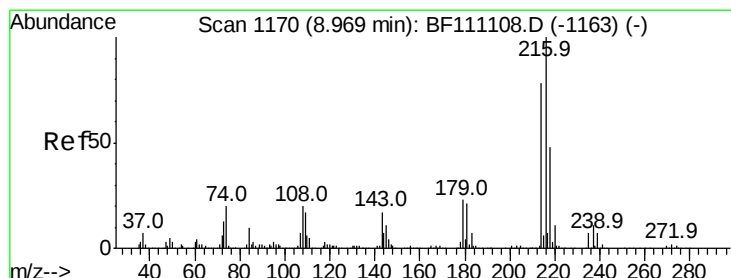
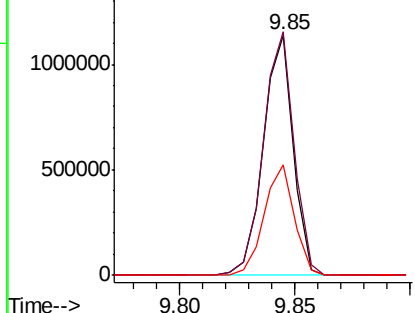
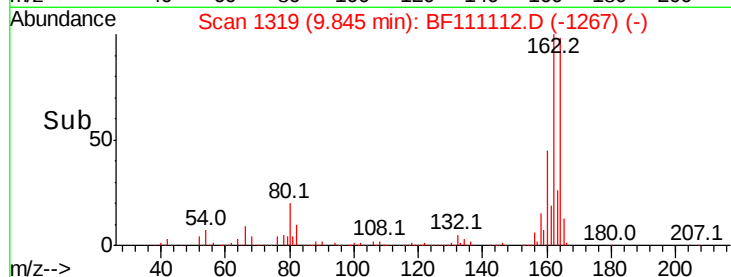


Abundance

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: 37.814 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

Tgt Ion:216 Resp: 1030520

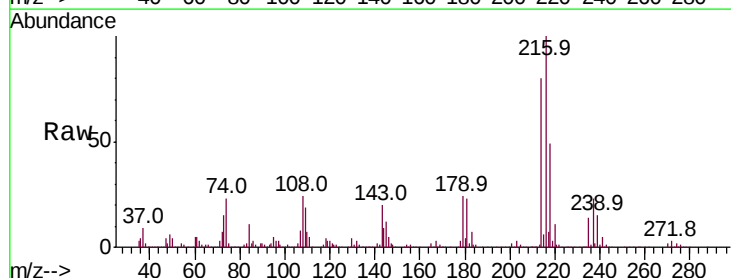
Ion Ratio Lower Upper

216 100

214 78.5 63.4 95.0

179 23.1 18.5 27.7

108 24.1 19.1 28.7



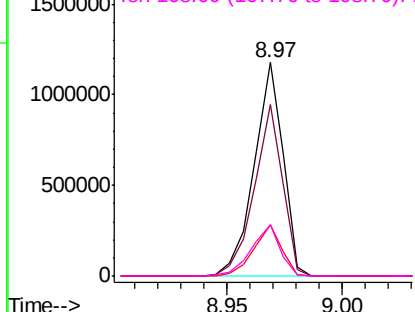
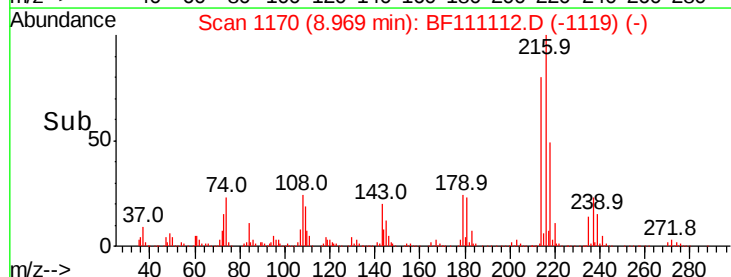
Abundance

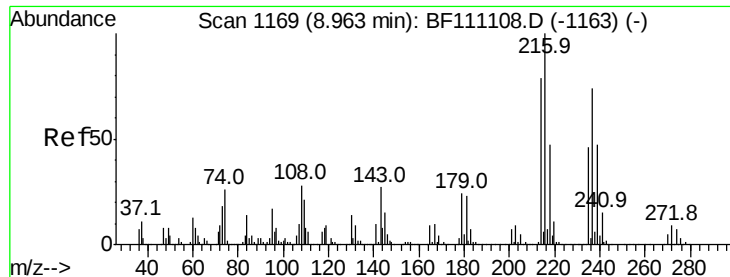
Ion 216.00 (215.70 to 216.70): E

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: 38.465 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

Instrument :

BNA\_F

ClientSampleId :

ICVBF120518

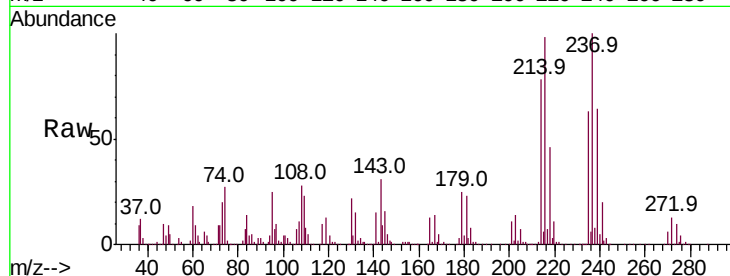
Tot Ion:237 Resp: 552739

Ion Ratio Lower Upper

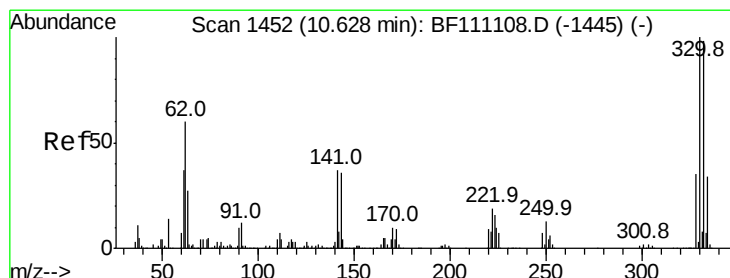
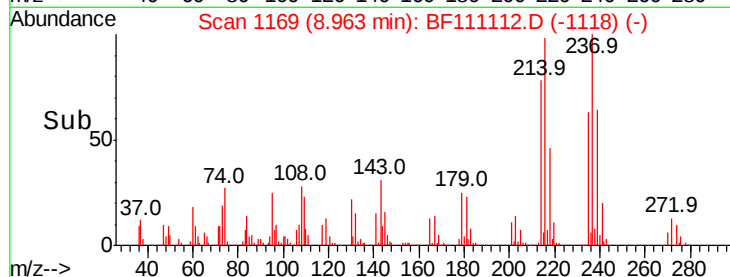
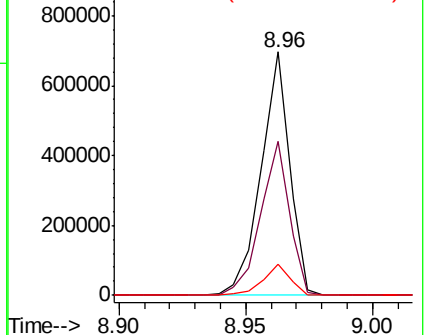
237 100

235 63.4 41.9 81.9

272 12.6 0.0 32.7



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



#42

2,4,6-Tribromophenol

Concen: 78.072 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

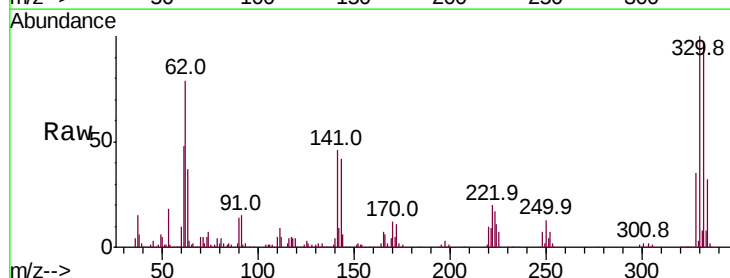
Tgt Ion:330 Resp: 634551

Ion Ratio Lower Upper

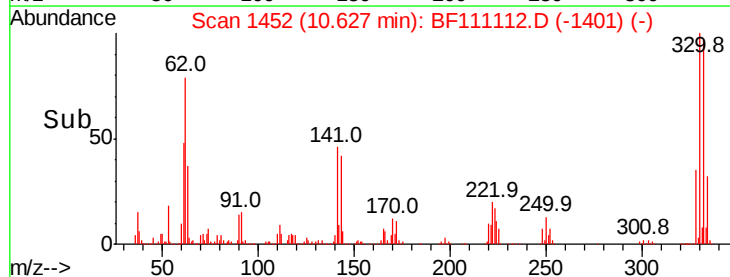
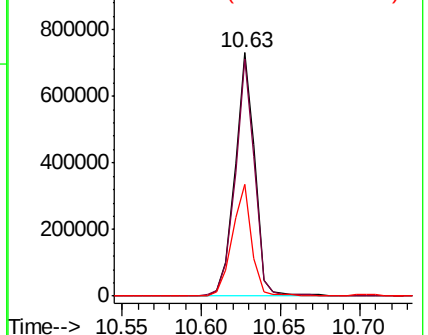
330 100

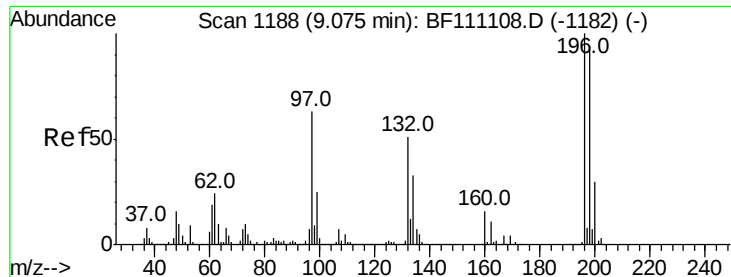
332 95.2 77.2 115.8

141 45.1 36.1 54.1



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

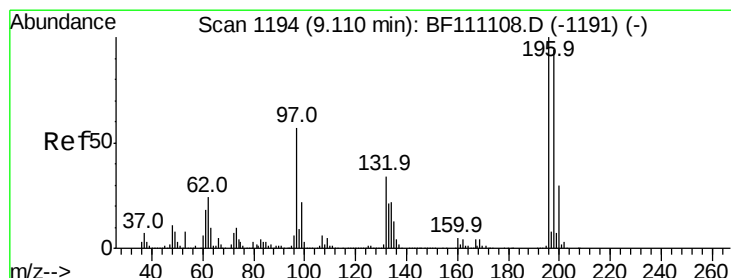
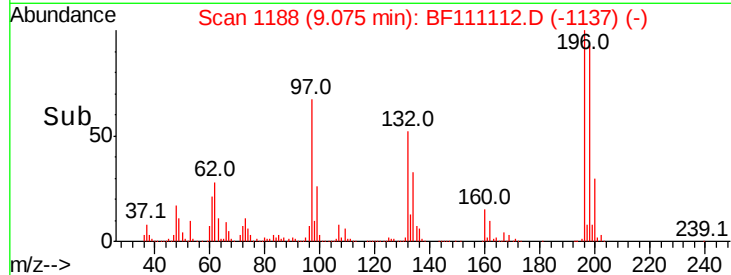
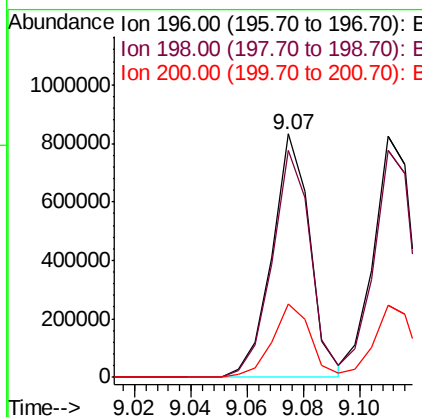
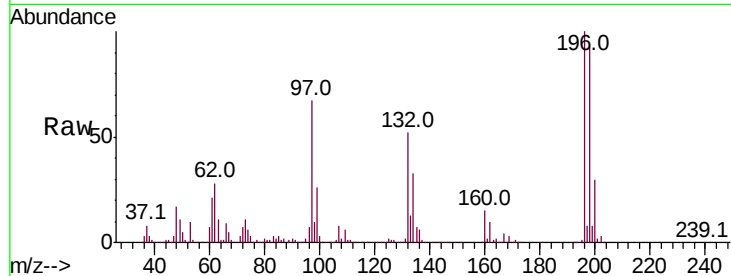




#43  
 2,4,6-Trichlorophenol  
 Concen: 38.870 ng  
 RT: 9.07 min Scan# 1188  
 Delta R.T. -0.00 min  
 Lab File: BF111112.D  
 Acq: 5 Dec 2018 16:59

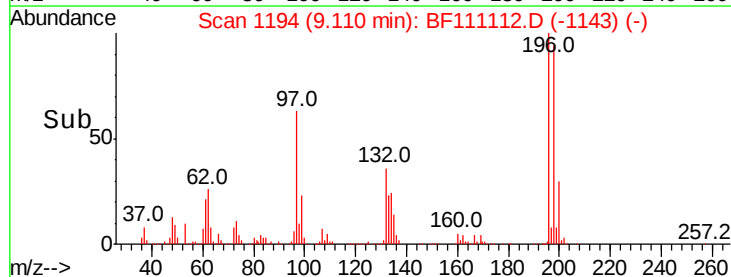
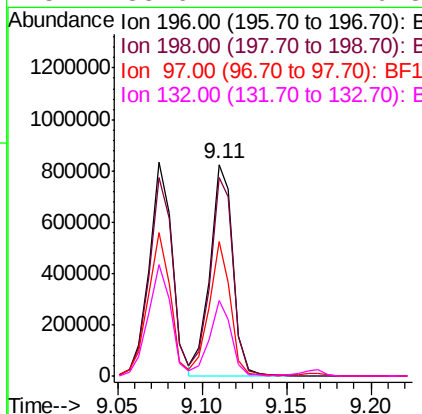
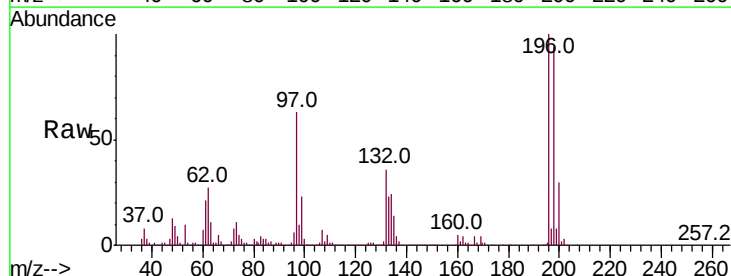
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF120518

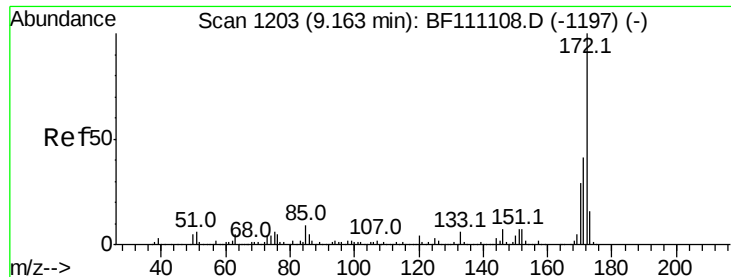
|             |              |
|-------------|--------------|
| Tot Ion:196 | Resp: 773662 |
| Ion Ratio   | Lower Upper  |
| 196 100     |              |
| 198 93.1    | 75.4 113.0   |
| 200 29.9    | 24.2 36.4    |



#44  
 2,4,5-Trichlorophenol  
 Concen: 38.758 ng  
 RT: 9.11 min Scan# 1194  
 Delta R.T. -0.00 min  
 Lab File: BF111112.D  
 Acq: 5 Dec 2018 16:59

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:196 | Resp: | 781992 |
| Ion | Ratio   | Lower | Upper  |
| 196 | 100     |       |        |
| 198 | 93.9    | 75.0  | 112.4  |
| 97  | 63.4    | 46.2  | 69.4   |
| 132 | 35.6    | 27.2  | 40.8   |

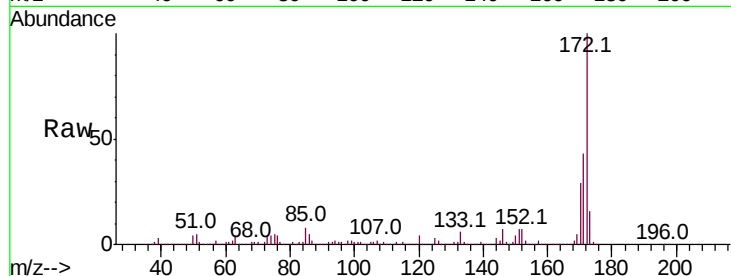




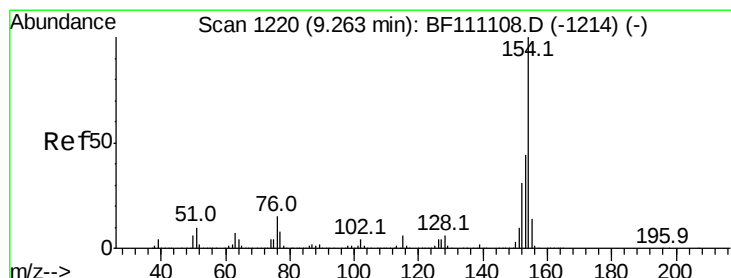
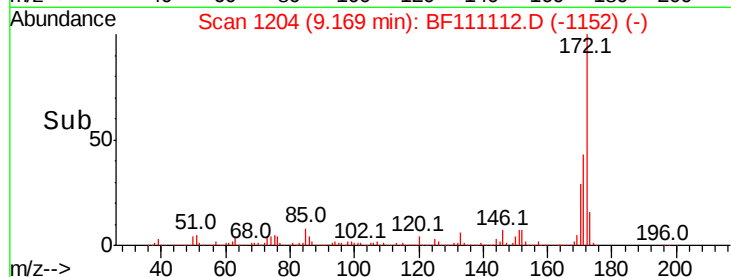
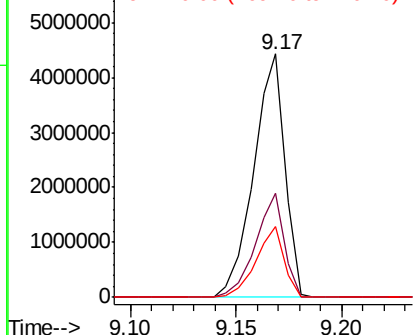
#45  
2-Fluorobiphenyl  
Concen: 81.472 ng  
RT: 9.17 min Scan# 1204  
Delta R.T. 0.01 min  
Lab File: BF111112.D  
Acq: 5 Dec 2018 16:59

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF120518

Tot Ion:172 Resp: 4533414  
Ion Ratio Lower Upper  
172 100  
171 42.9 33.2 49.8  
170 29.1 22.9 34.3

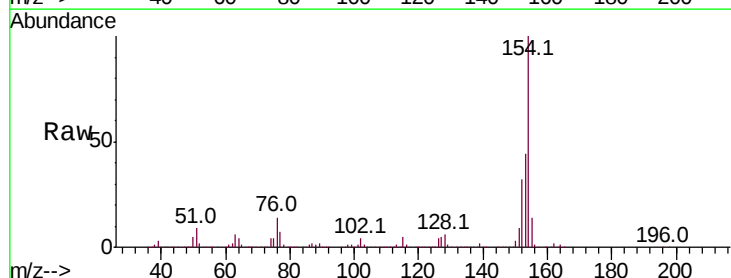


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

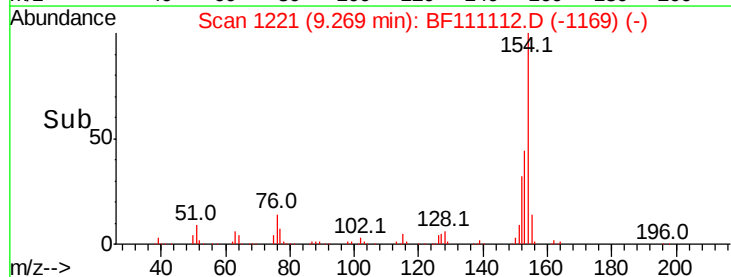
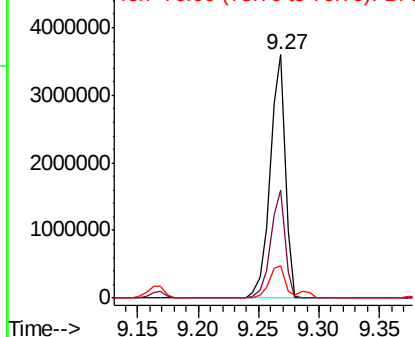


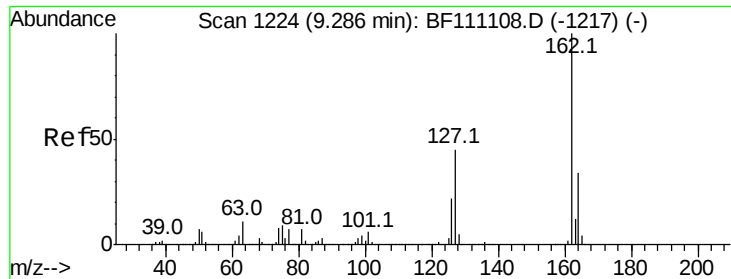
#46  
1,1'-Biphenyl  
Concen: 37.640 ng  
RT: 9.27 min Scan# 1221  
Delta R.T. 0.01 min  
Lab File: BF111112.D  
Acq: 5 Dec 2018 16:59

Tgt Ion:154 Resp: 3150654  
Ion Ratio Lower Upper  
154 100  
153 44.3 23.7 63.7  
76 13.6 0.0 35.0



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

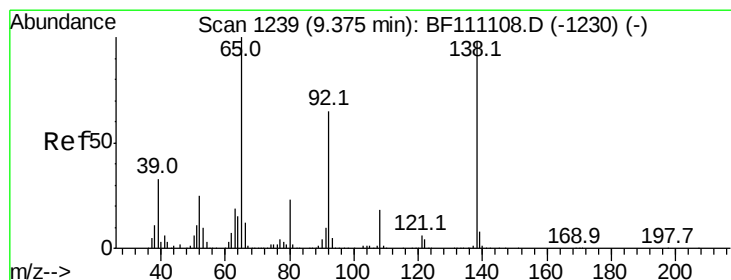
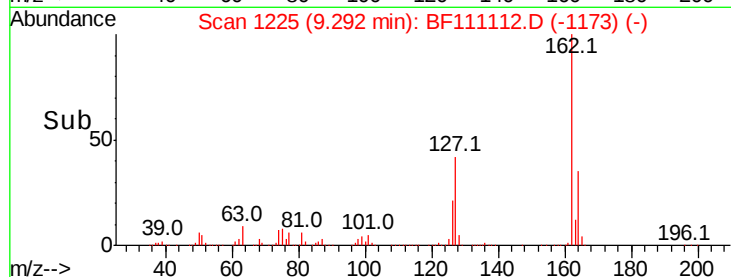
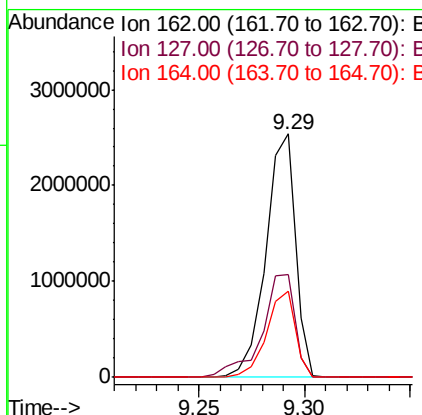
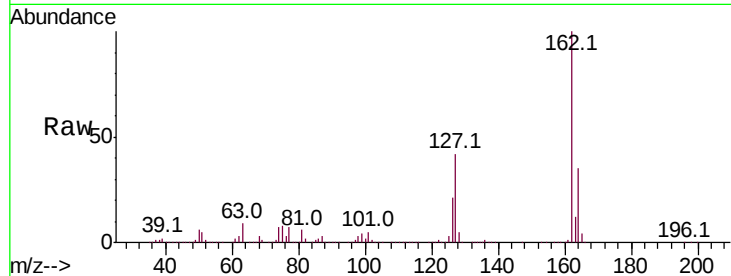




#47  
 2-Chloronaphthalene  
 Concen: 37.981 ng  
 RT: 9.29 min Scan# 1225  
 Delta R.T. 0.01 min  
 Lab File: BF111112.D  
 Acq: 5 Dec 2018 16:59

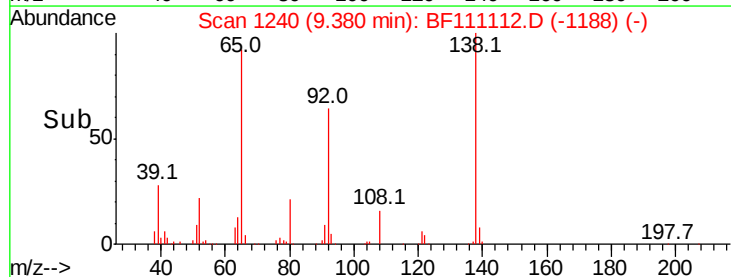
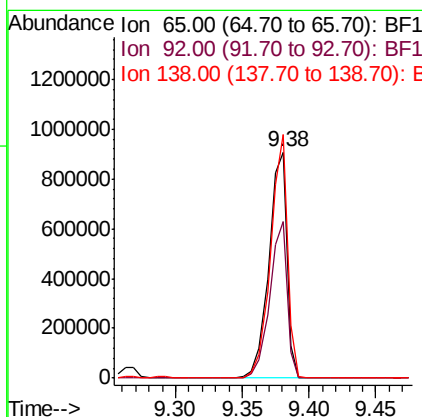
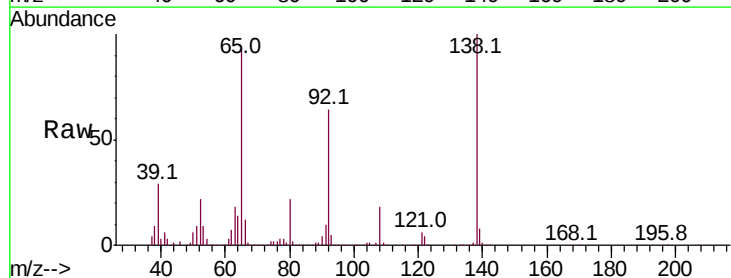
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF120518

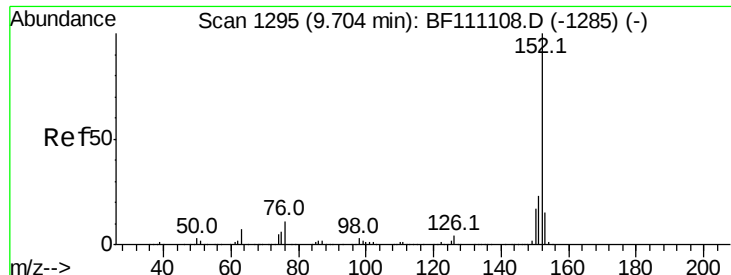
Tot Ion:162 Resp: 2470451  
 Ion Ratio Lower Upper  
 162 100  
 127 42.1 36.4 54.6  
 164 35.3 27.3 40.9



#48  
 2-Nitroaniline  
 Concen: 40.527 ng  
 RT: 9.38 min Scan# 1240  
 Delta R.T. 0.01 min  
 Lab File: BF111112.D  
 Acq: 5 Dec 2018 16:59

Tgt Ion: 65 Resp: 854264  
 Ion Ratio Lower Upper  
 65 100  
 92 69.4 52.1 78.1  
 138 107.8 78.2 117.4





#49

Acenaphthylene

Concen: 39.307 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

Instrument :

BNA\_F

ClientSampleId :

ICVBF120518

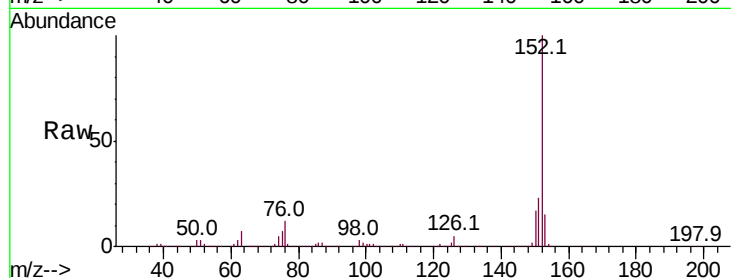
Tot Ion:152 Resp: 3573795

Ion Ratio Lower Upper

152 100

151 23.3 18.3 27.5

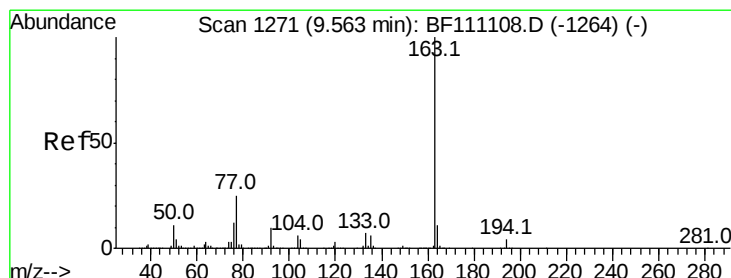
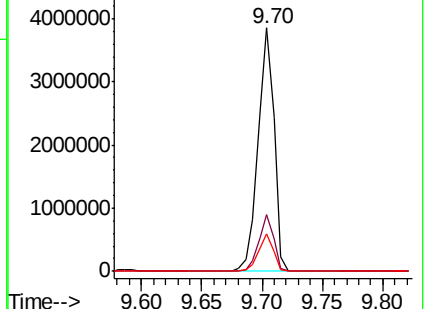
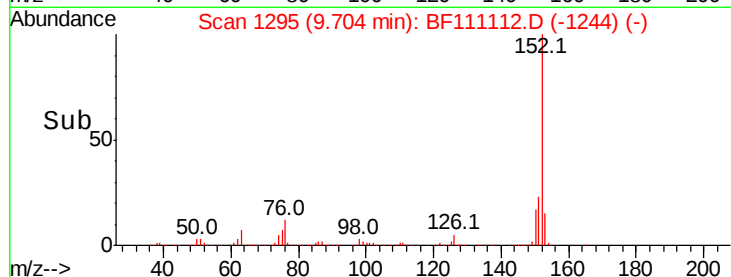
153 15.2 11.8 17.8



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: 38.201 ng

RT: 9.57 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

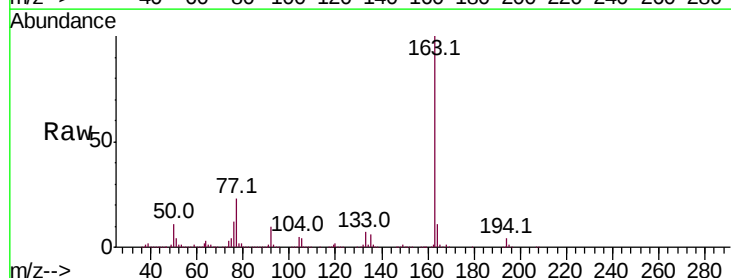
Tgt Ion:163 Resp: 2718494

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

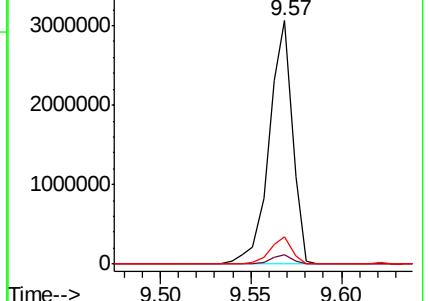
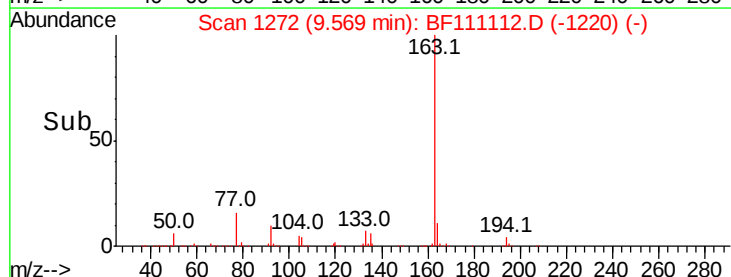
164 11.0 8.9 13.3

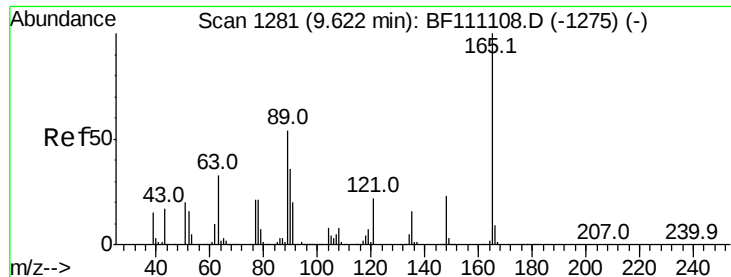


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

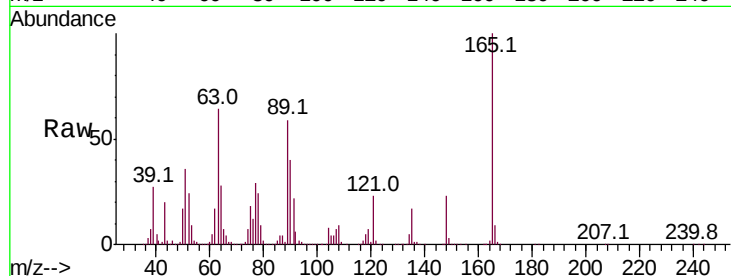




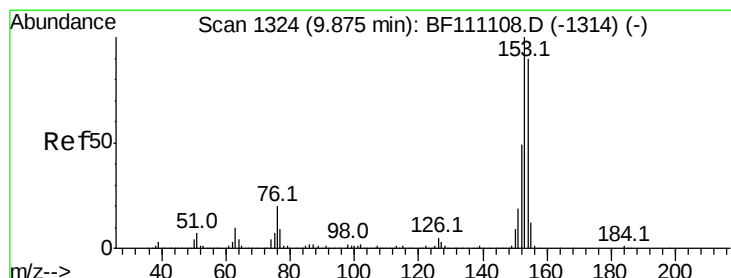
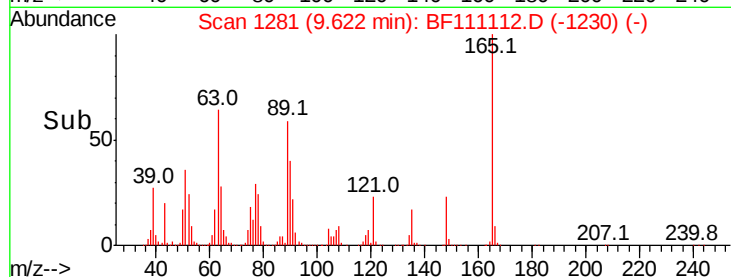
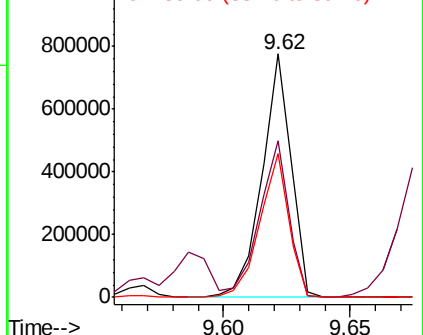
#51  
2,6-Dinitrotoluene  
Concen: 41.468 ng  
RT: 9.62 min Scan# 1281  
Delta R.T. -0.00 min  
Lab File: BF111112.D  
Acq: 5 Dec 2018 16:59

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF120518

Tot Ion:165 Resp: 625650  
Ion Ratio Lower Upper  
165 100  
63 64.5 44.7 67.1  
89 59.1 43.0 64.4

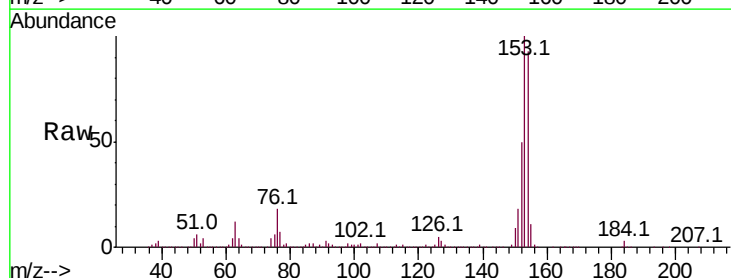


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1

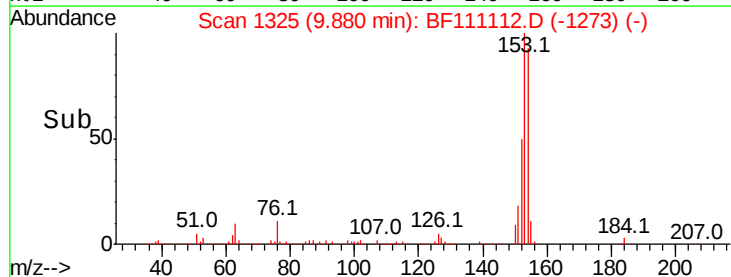
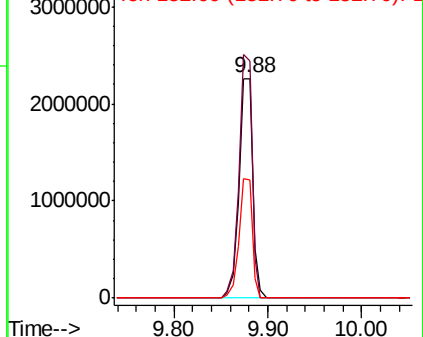


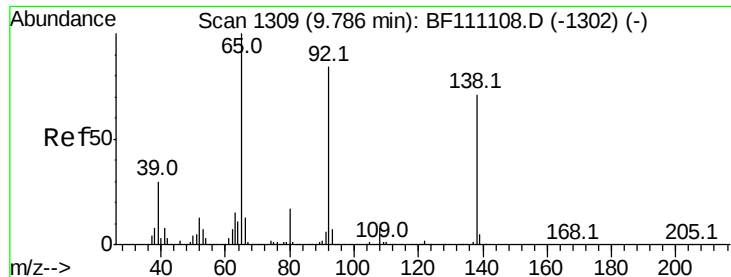
#52  
Acenaphthene  
Concen: 37.788 ng  
RT: 9.88 min Scan# 1325  
Delta R.T. 0.01 min  
Lab File: BF111112.D  
Acq: 5 Dec 2018 16:59

Tgt Ion:154 Resp: 2269754  
Ion Ratio Lower Upper  
154 100  
153 108.0 88.7 133.1  
152 54.1 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E

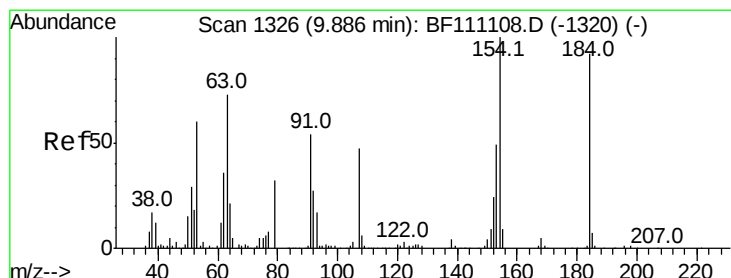
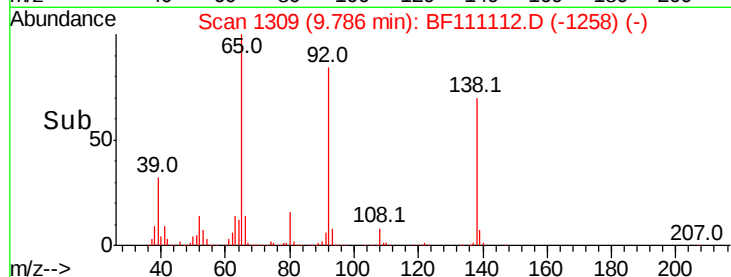
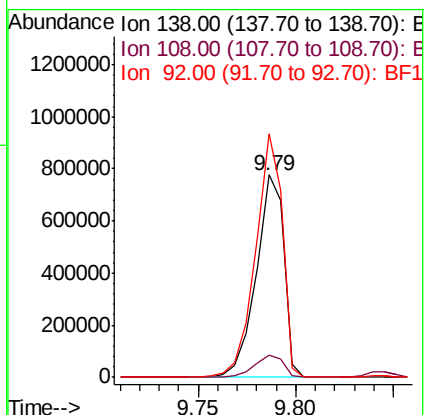
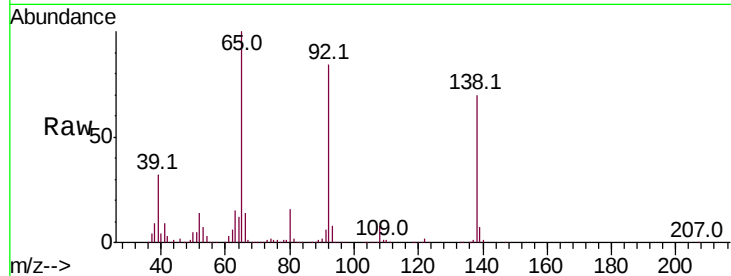




#53  
3-Nitroaniline  
Concen: 40.178 ng  
RT: 9.79 min Scan# 1309  
Delta R.T. -0.00 min  
Lab File: BF111112.D  
Acq: 5 Dec 2018 16:59

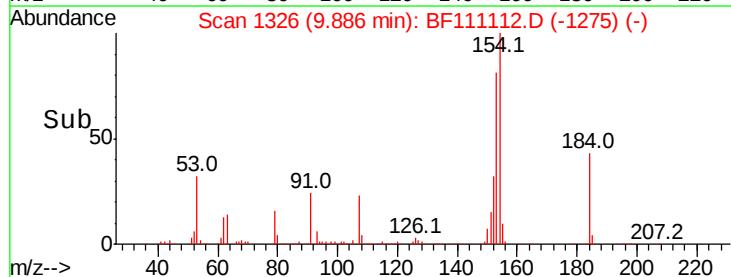
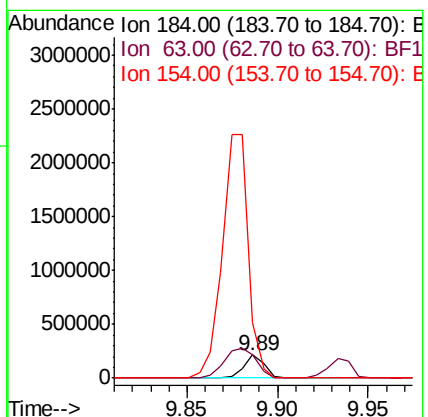
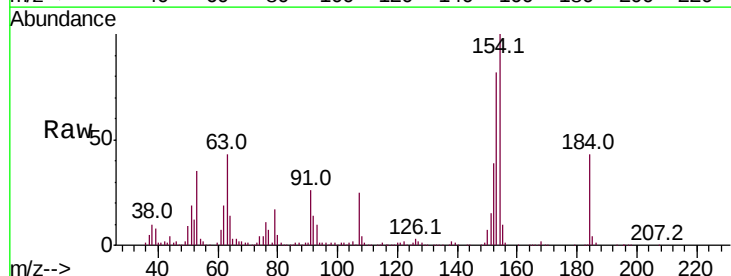
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF120518

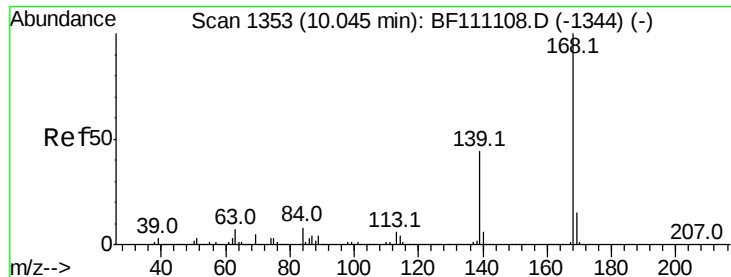
Tot Ion:138 Resp: 761445  
Ion Ratio Lower Upper  
138 100  
108 11.0 9.4 14.0  
92 120.3 94.1 141.1



#54  
2,4-Dinitrophenol  
Concen: 38.425 ng  
RT: 9.89 min Scan# 1326  
Delta R.T. 0.00 min  
Lab File: BF111112.D  
Acq: 5 Dec 2018 16:59

Tgt Ion:184 Resp: 165807  
Ion Ratio Lower Upper  
184 100  
63 100.1 64.2 96.4#  
154 234.8 89.5 134.3#





#55

Dibenzofuran

Concen: 39.210 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

Instrument :

BNA\_F

ClientSampleId :

ICVBF120518

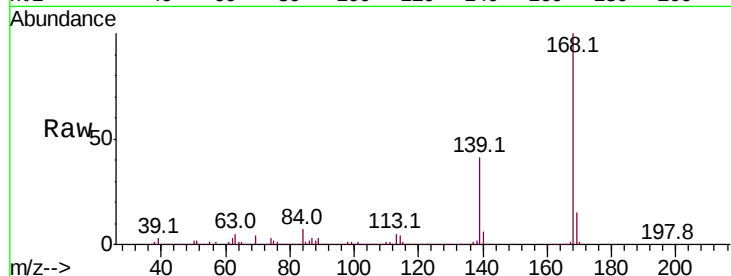
Tot Ion:168 Resp: 3243873

Ion Ratio Lower Upper

168 100

139 41.4 35.1 52.7

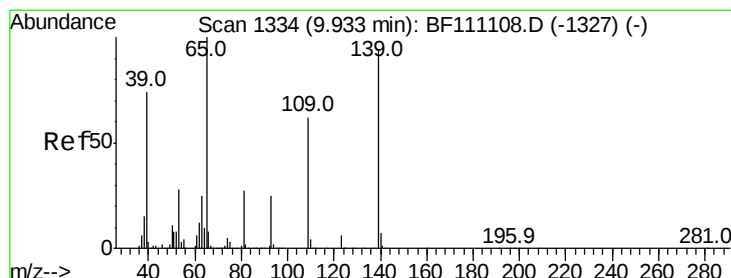
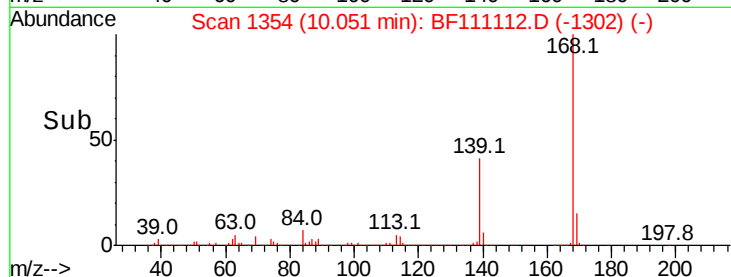
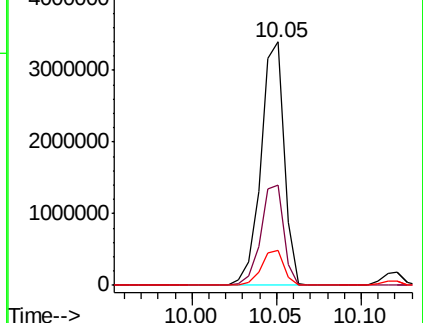
169 14.5 12.2 18.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 41.356 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

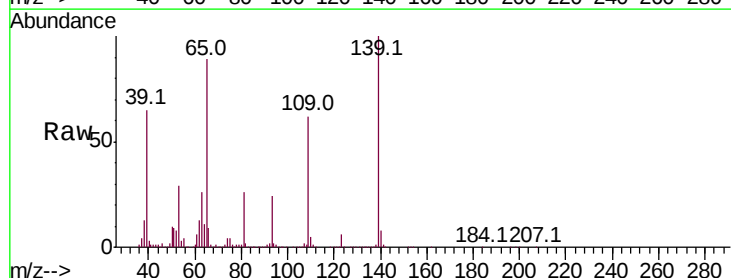
Tgt Ion:139 Resp: 590618

Ion Ratio Lower Upper

139 100

109 61.7 46.1 86.1

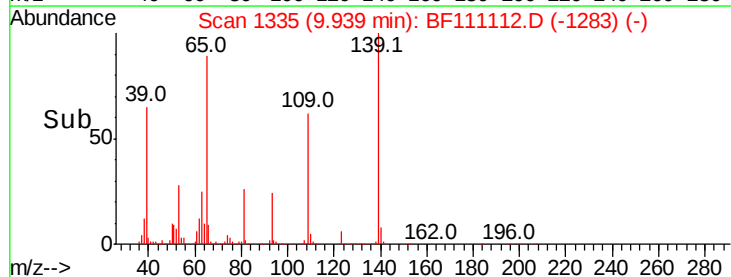
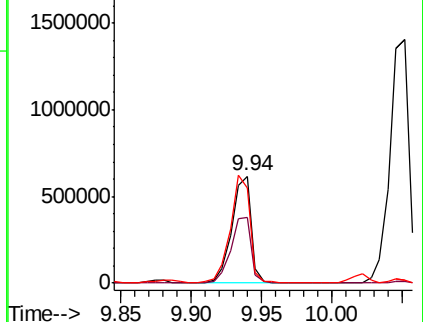
65 89.1 87.0 127.0

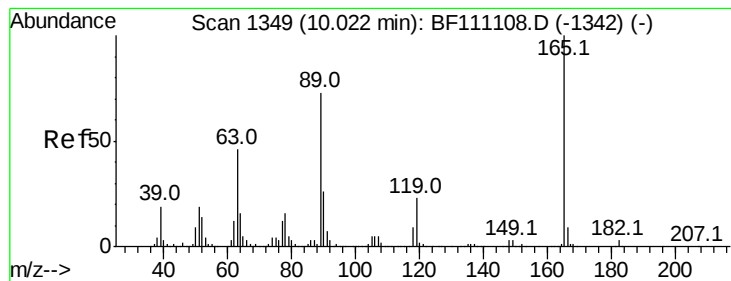


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 40.878 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.00 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

Instrument :

BNA\_F

ClientSampleId :

ICVBF120518

Tot Ion:165 Resp: 796543

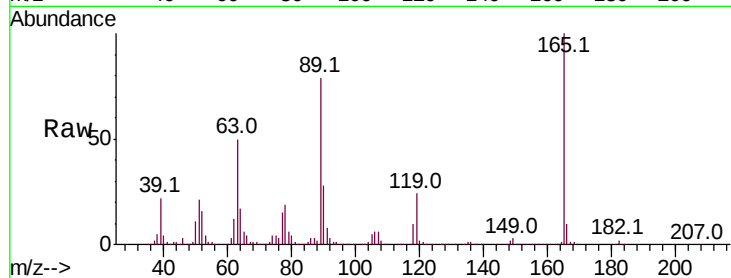
Ion Ratio Lower Upper

165 100

63 50.3 36.7 55.1

89 78.8 58.4 87.6

182 2.1 2.1 3.1

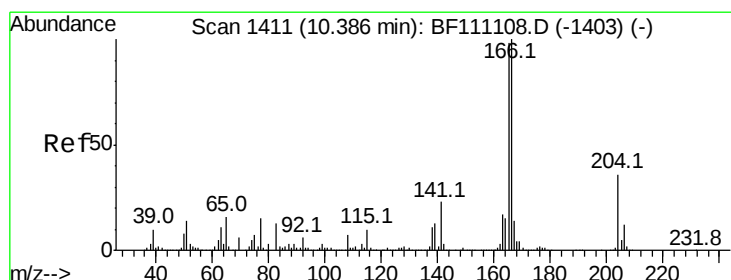
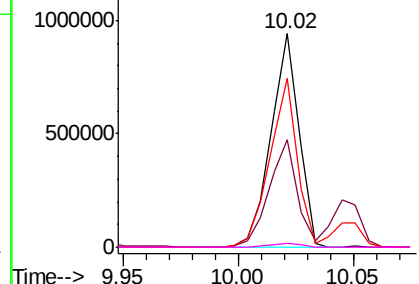
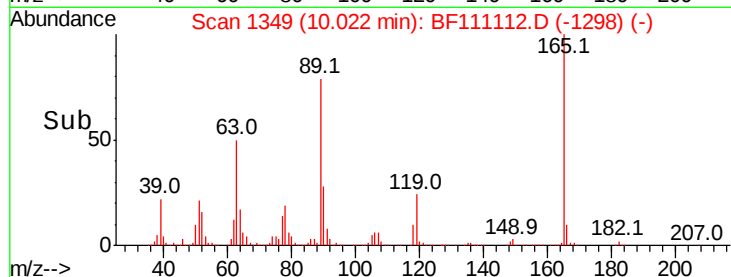


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 38.833 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.01 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

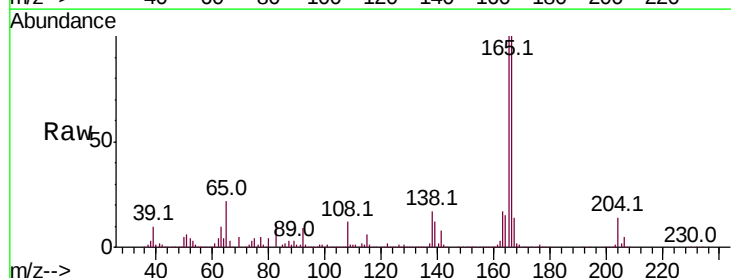
Tgt Ion:166 Resp: 2265550

Ion Ratio Lower Upper

166 100

165 99.6 78.4 117.6

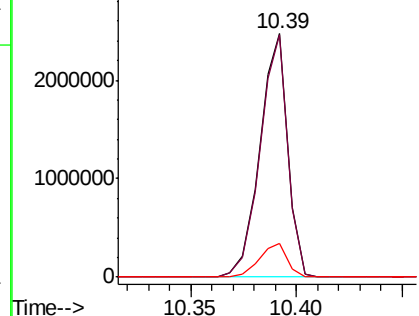
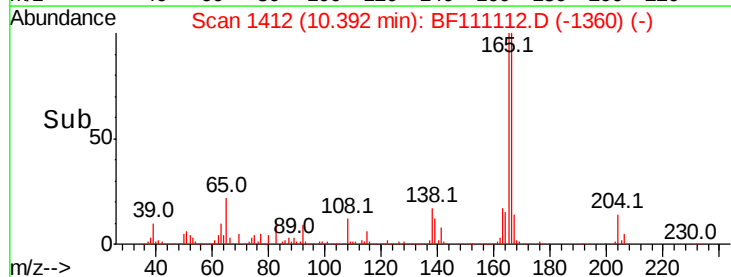
167 14.0 11.4 17.2

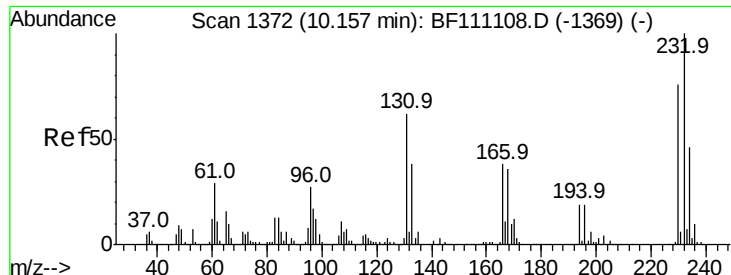


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

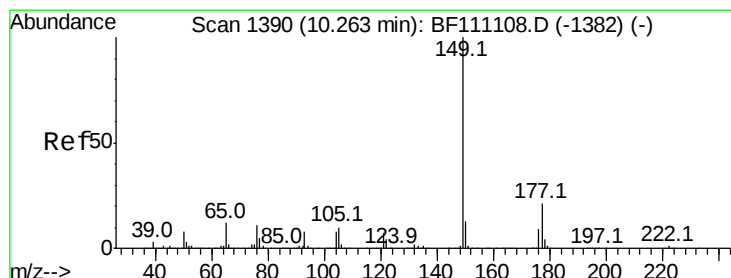
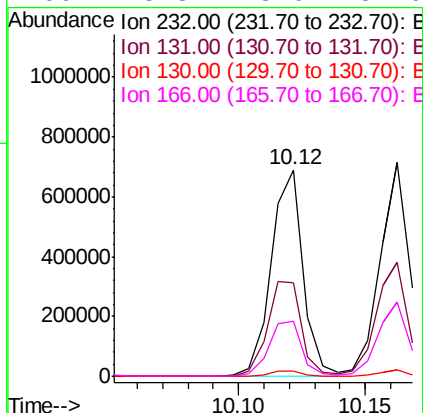
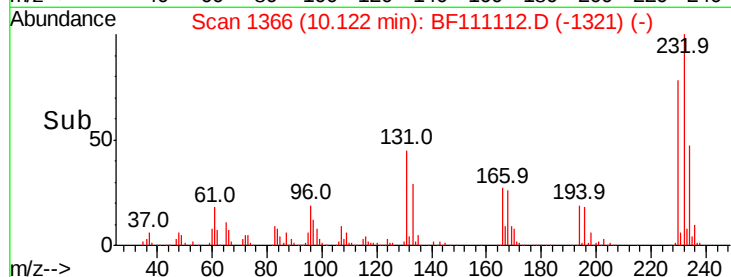
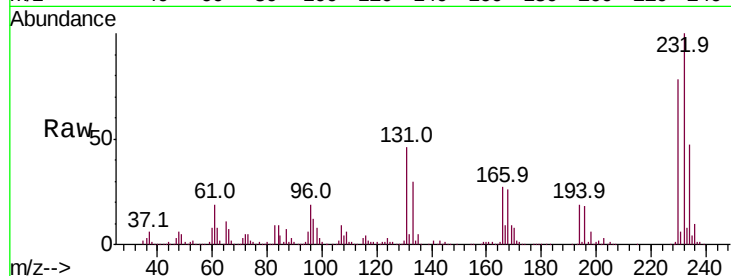




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 40.352 ng  
 RT: 10.12 min Scan# 1366  
 Delta R.T. -0.04 min  
 Lab File: BF111112.D  
 Acq: 5 Dec 2018 16:59

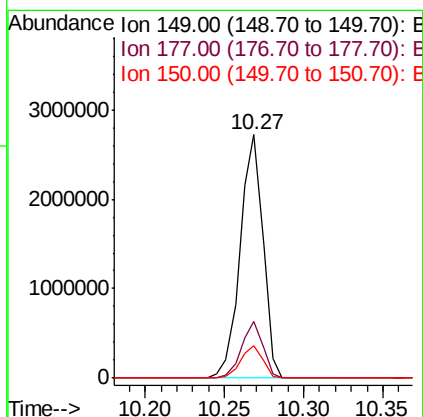
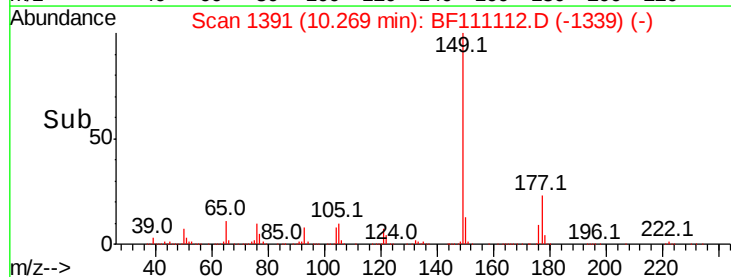
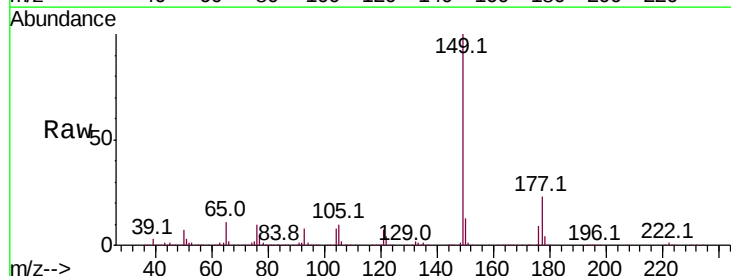
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF120518

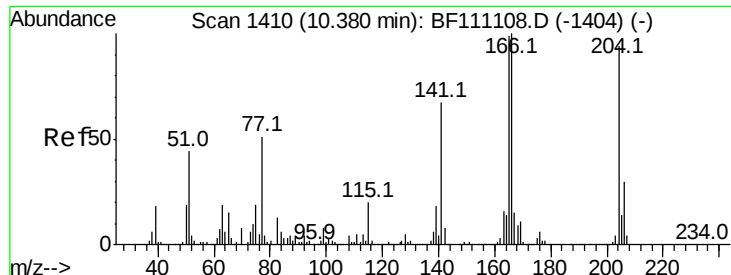
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 49.6  | 40.4  | 60.6  |
| 130     | 2.7   | 2.1   | 3.1   |
| 166     | 28.3  | 23.0  | 34.6  |



#60  
 Diethylphthalate  
 Concen: 38.000 ng  
 RT: 10.27 min Scan# 1391  
 Delta R.T. 0.01 min  
 Lab File: BF111112.D  
 Acq: 5 Dec 2018 16:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 23.1  | 17.0  | 25.6  |
| 150     | 13.3  | 10.5  | 15.7  |



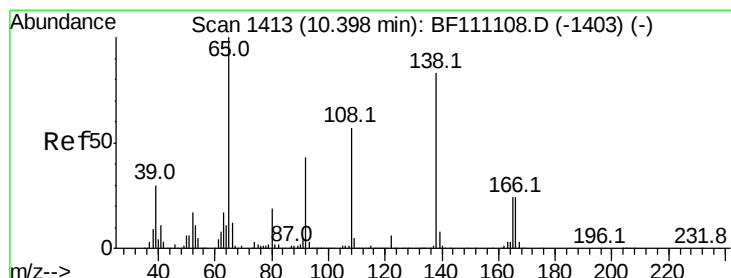
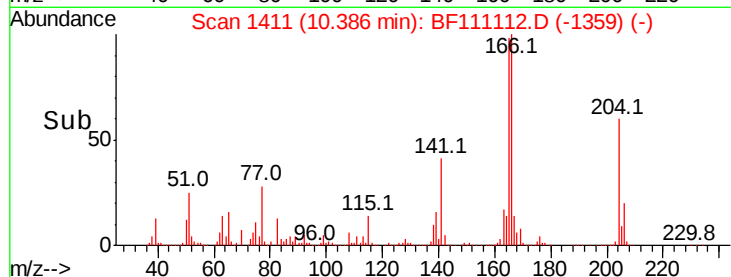
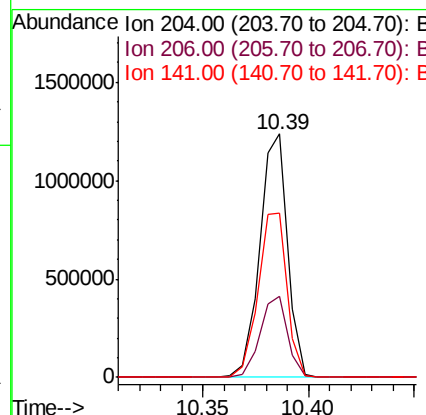
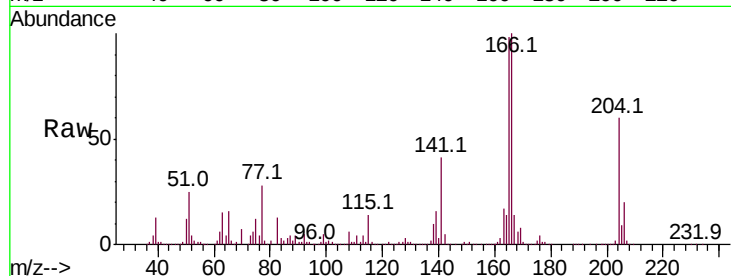


#61  
 4-Chlorophenyl-phenylether  
 Concen: 39.404 ng  
 RT: 10.39 min Scan# 1411  
 Delta R.T. 0.01 min  
 Lab File: BF111112.D  
 Acq: 5 Dec 2018 16:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF120518

Tot Ion:204 Resp: 1132912  

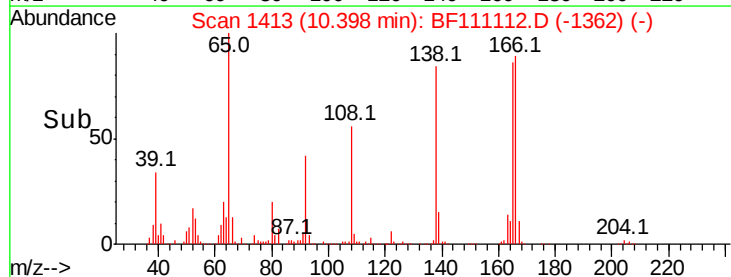
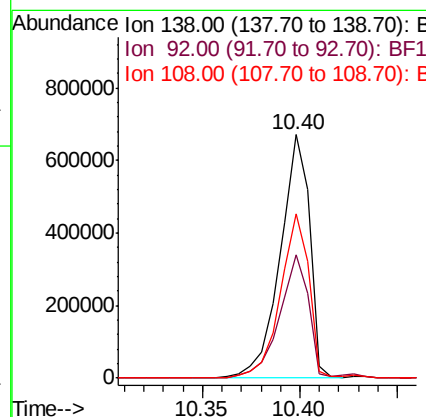
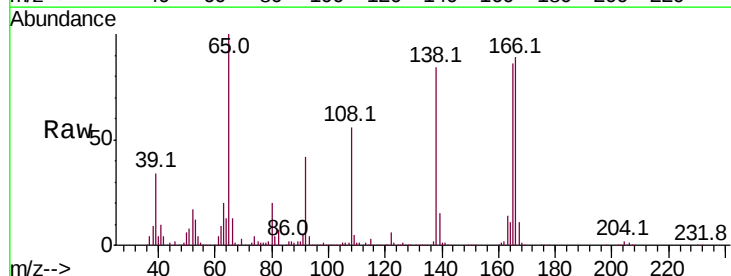
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 204 | 100   |       |       |
| 206 | 33.2  | 25.9  | 38.9  |
| 141 | 67.6  | 57.4  | 86.0  |

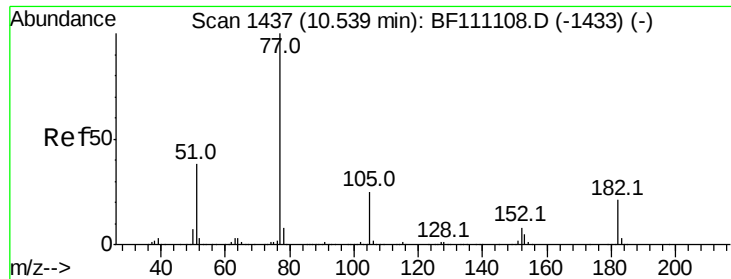


#62  
 4-Nitroaniline  
 Concen: 40.946 ng  
 RT: 10.40 min Scan# 1413  
 Delta R.T. -0.00 min  
 Lab File: BF111112.D  
 Acq: 5 Dec 2018 16:59

Tgt Ion:138 Resp: 700365  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 138 | 100   |       |       |
| 92  | 50.7  | 31.6  | 71.6  |
| 108 | 67.3  | 48.3  | 88.3  |

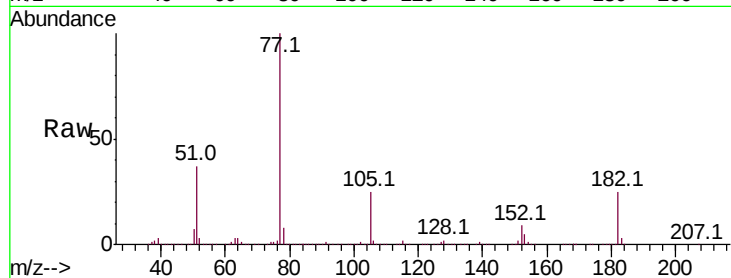




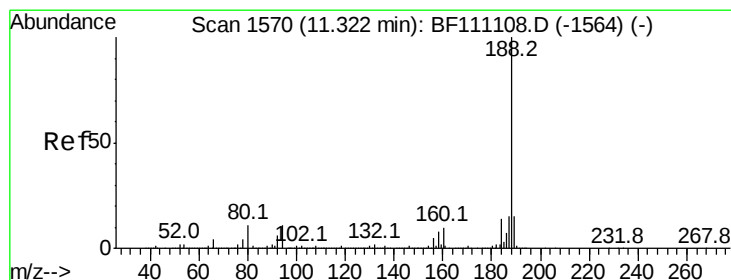
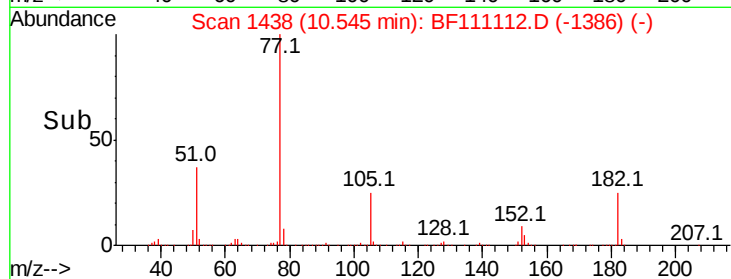
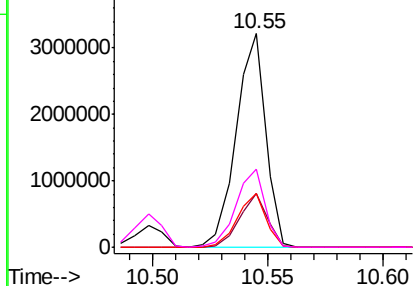
#63  
Azobenzene  
Concen: 37.856 ng  
RT: 10.55 min Scan# 1438  
Delta R.T. 0.01 min  
Lab File: BF111112.D  
Acq: 5 Dec 2018 16:59

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF120518

Tot Ion: 77 Resp: 2866264  
Ion Ratio Lower Upper  
77 100  
182 25.0 1.4 41.4  
105 25.2 4.7 44.7  
51 36.8 18.0 58.0

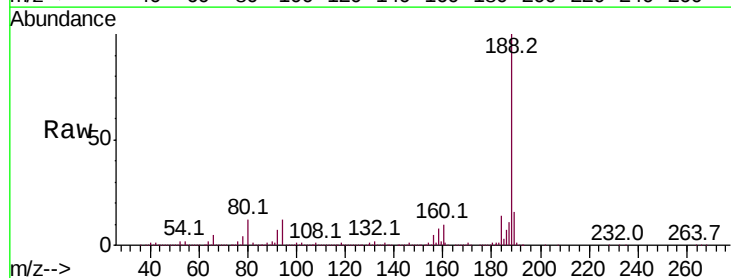


Abundance Ion 77.00 (76.70 to 77.70): BF1  
5000000 Ion 182.00 (181.70 to 182.70): E  
4000000 Ion 105.00 (104.70 to 105.70): E  
3000000 Ion 51.00 (50.70 to 51.70): BF1  
2000000  
1000000  
0

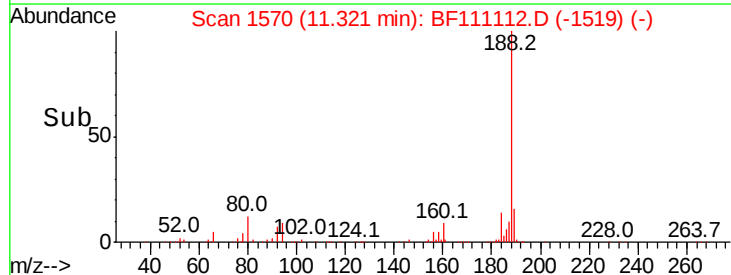
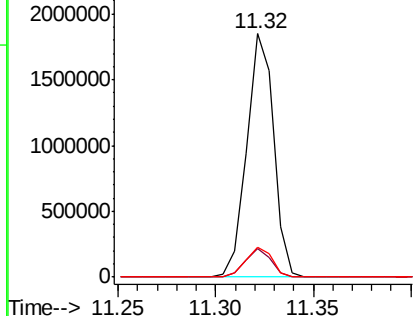


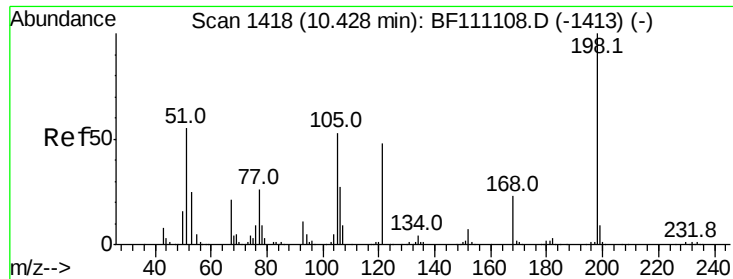
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.32 min Scan# 1570  
Delta R.T. -0.00 min  
Lab File: BF111112.D  
Acq: 5 Dec 2018 16:59

Tgt Ion: 188 Resp: 1762506  
Ion Ratio Lower Upper  
188 100  
94 11.9 8.5 12.7  
80 12.4 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): E  
2500000 Ion 94.00 (93.70 to 94.70): BF1  
2000000 Ion 80.00 (79.70 to 80.70): BF1  
1500000  
1000000  
500000  
0

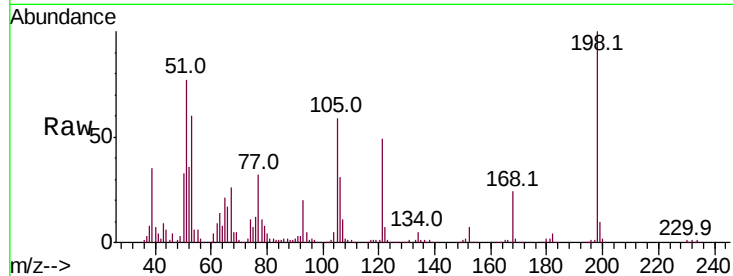




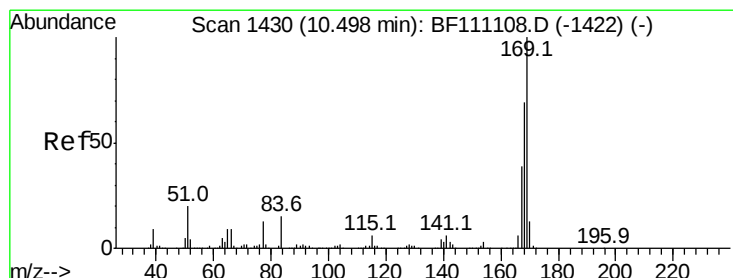
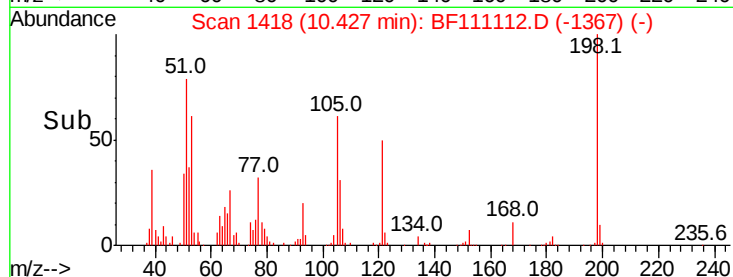
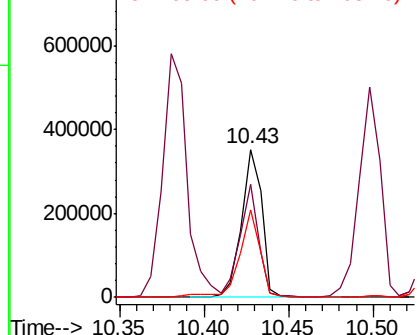
#65  
4,6-Dinitro-2-methylphenol  
Concen: 40.287 ng  
RT: 10.43 min Scan# 1418  
Delta R.T. -0.00 min  
Lab File: BF111112.D  
Acq: 5 Dec 2018 16:59

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF120518

Tot Ion:198 Resp: 293354  
Ion Ratio Lower Upper  
198 100  
51 76.9 48.8 88.8  
105 59.2 35.2 75.2

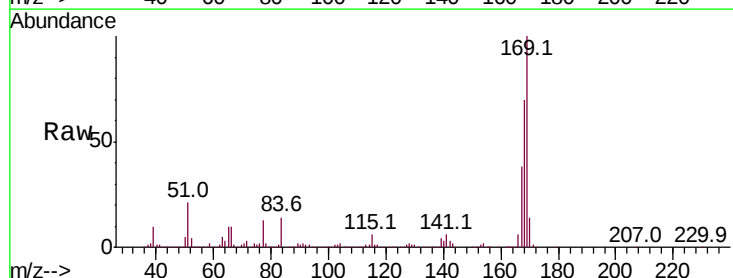


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 105.00 (104.70 to 105.70): E

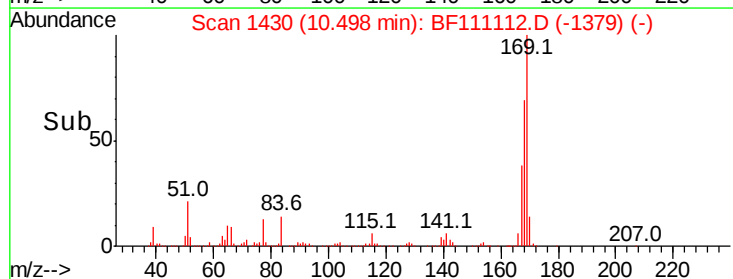
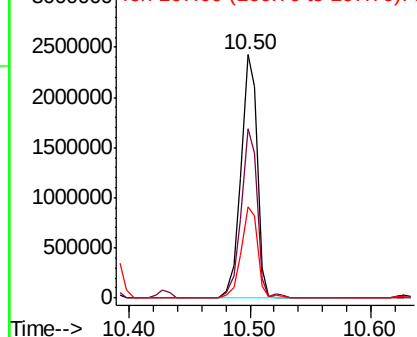


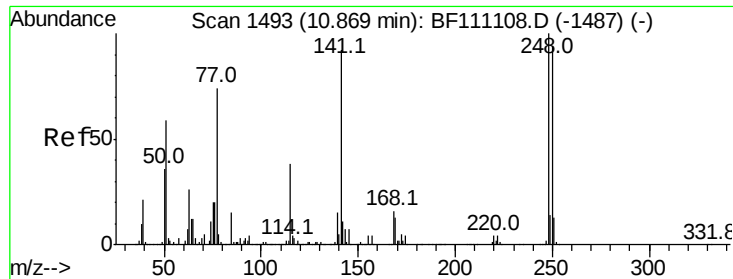
#66  
n-Nitrosodiphenylamine  
Concen: 36.979 ng  
RT: 10.50 min Scan# 1430  
Delta R.T. -0.00 min  
Lab File: BF111112.D  
Acq: 5 Dec 2018 16:59

Tgt Ion:169 Resp: 2282185  
Ion Ratio Lower Upper  
169 100  
168 69.5 55.4 83.2  
167 37.7 31.1 46.7



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

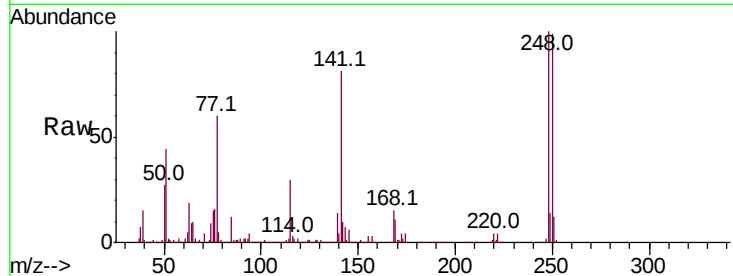




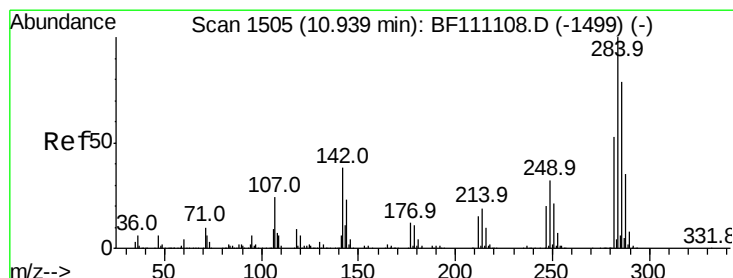
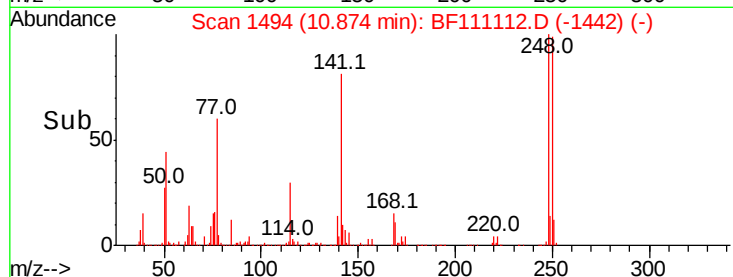
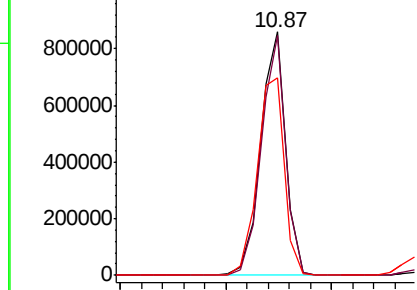
#67  
4-Bromophenyl-phenylether  
Concen: 37.838 ng  
RT: 10.87 min Scan# 1494  
Delta R.T. 0.01 min  
Lab File: BF111112.D  
Acq: 5 Dec 2018 16:59

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF120518

Tot Ion:248 Resp: 705952  
Ion Ratio Lower Upper  
248 100  
250 98.6 75.4 113.0  
141 81.0 73.8 110.6

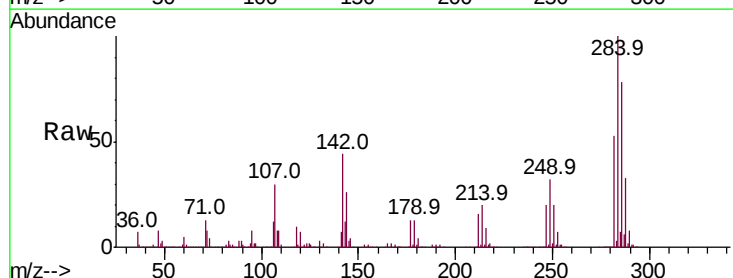


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

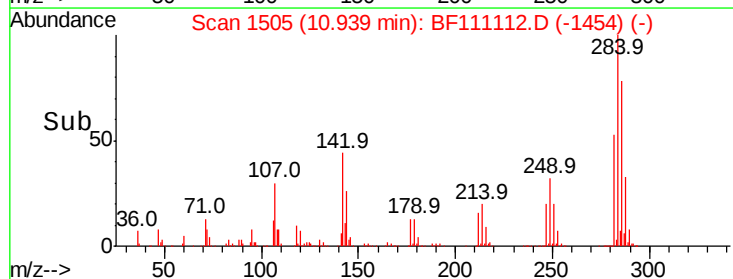
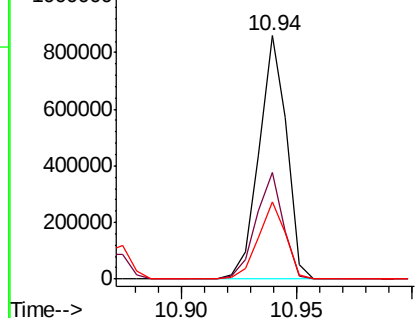


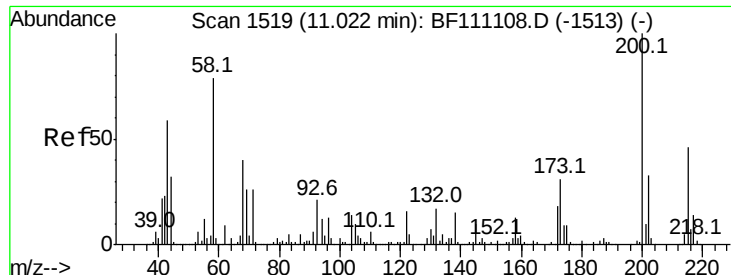
#68  
Hexachlorobenzene  
Concen: 37.634 ng  
RT: 10.94 min Scan# 1505  
Delta R.T. -0.00 min  
Lab File: BF111112.D  
Acq: 5 Dec 2018 16:59

Tgt Ion:284 Resp: 717965  
Ion Ratio Lower Upper  
284 100  
142 44.0 30.2 45.2  
249 31.9 25.3 37.9



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

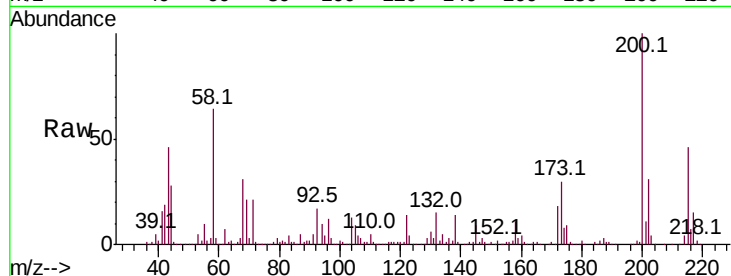




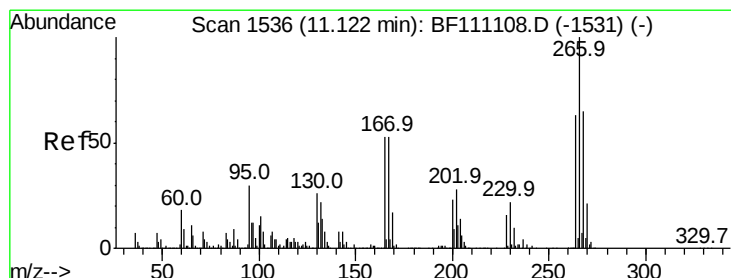
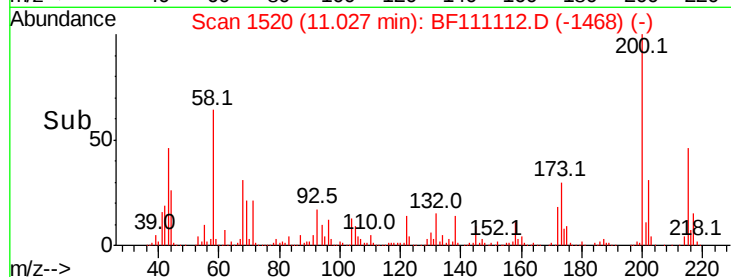
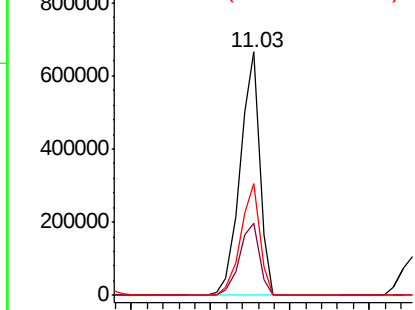
#69  
Atrazine  
Concen: 33.343 ng  
RT: 11.03 min Scan# 1520  
Delta R.T. 0.01 min  
Lab File: BF111112.D  
Acq: 5 Dec 2018 16:59

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF120518

Tot Ion:200 Resp: 567516  
Ion Ratio Lower Upper  
200 100  
173 29.8 11.3 51.3  
215 45.7 25.9 65.9

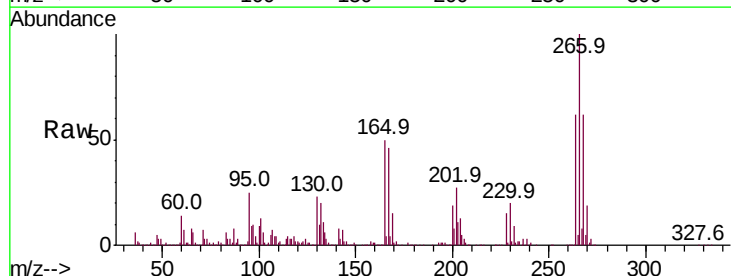


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

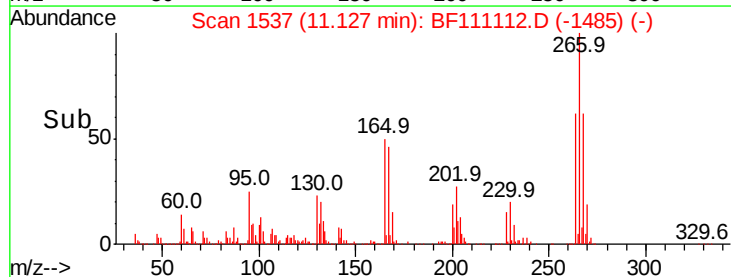
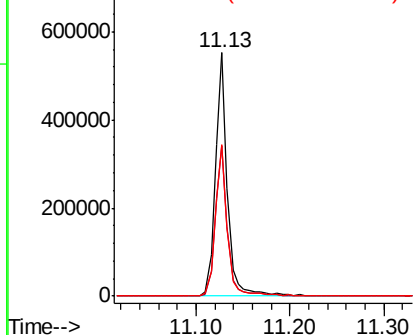


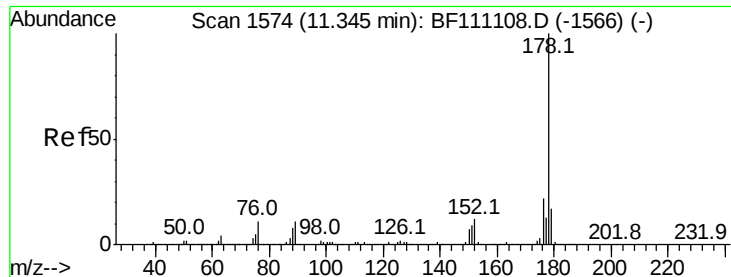
#70  
Pentachlorophenol  
Concen: 39.889 ng  
RT: 11.13 min Scan# 1537  
Delta R.T. 0.01 min  
Lab File: BF111112.D  
Acq: 5 Dec 2018 16:59

Tgt Ion:266 Resp: 500424  
Ion Ratio Lower Upper  
266 100  
268 61.7 52.2 78.4  
264 62.1 50.8 76.2



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

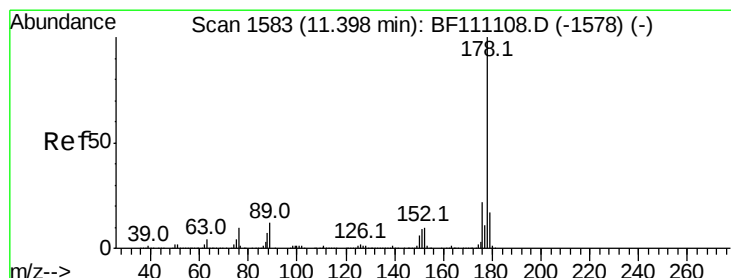
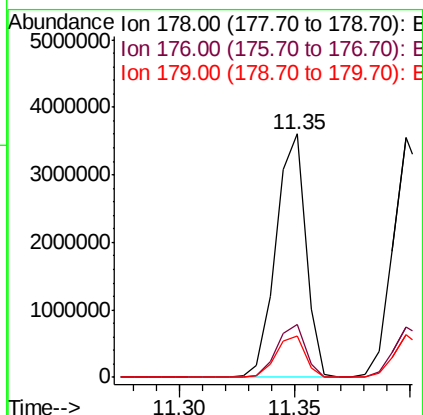
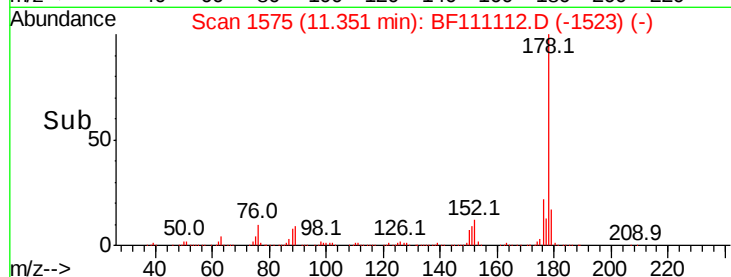
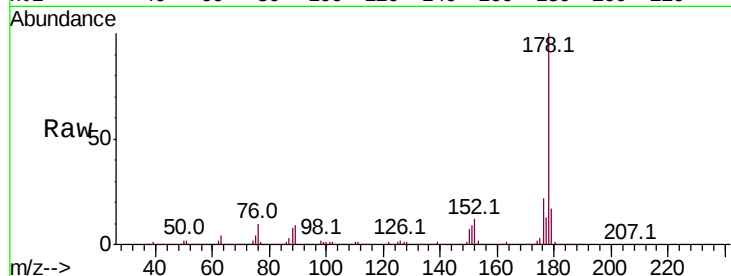




#71  
Phenanthrene  
Concen: 38.159 ng  
RT: 11.35 min Scan# 1575  
Delta R.T. 0.01 min  
Lab File: BF111112.D  
Acq: 5 Dec 2018 16:59

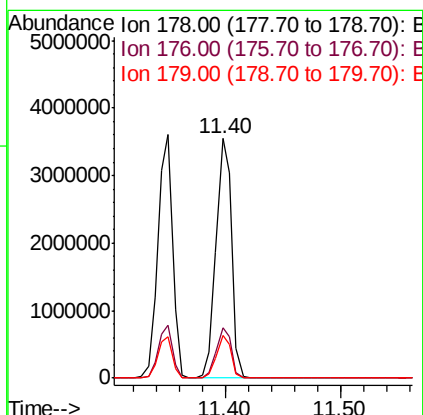
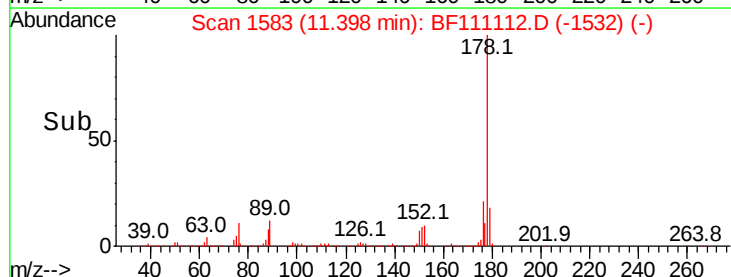
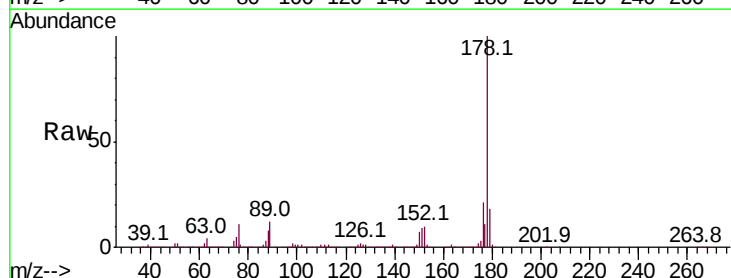
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF120518

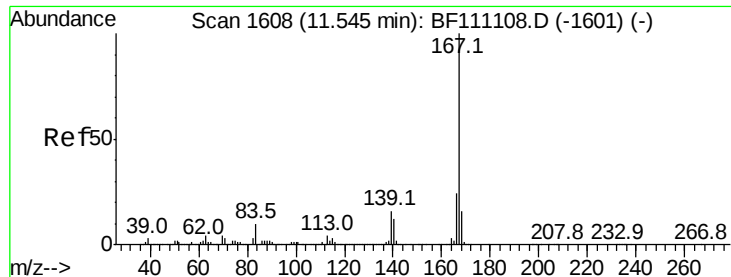
Tot Ion:178 Resp: 3235132  
Ion Ratio Lower Upper  
178 100  
176 21.8 17.7 26.5  
179 17.2 14.0 21.0



#72  
Anthracene  
Concen: 38.649 ng  
RT: 11.40 min Scan# 1583  
Delta R.T. -0.00 min  
Lab File: BF111112.D  
Acq: 5 Dec 2018 16:59

Tgt Ion:178 Resp: 3302862  
Ion Ratio Lower Upper  
178 100  
176 21.2 17.3 25.9  
179 17.6 13.8 20.8

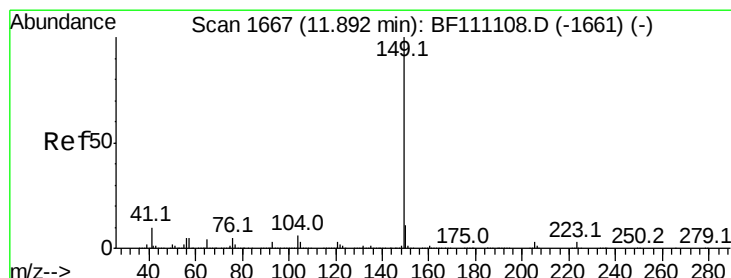
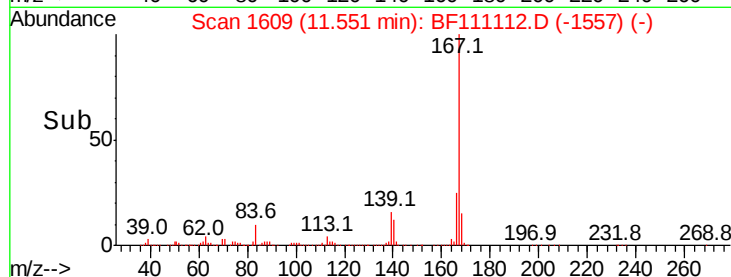
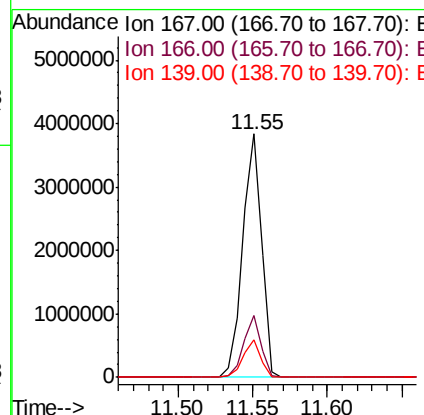
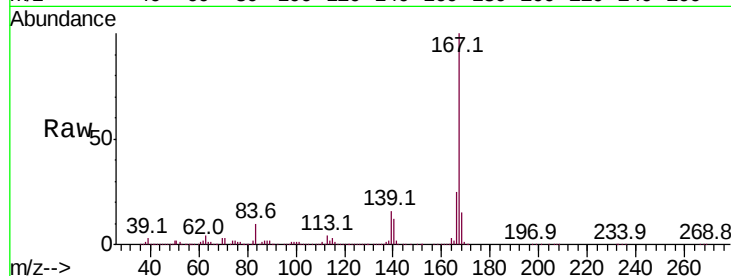




#73  
 Carbazole  
 Concen: 38.284 ng  
 RT: 11.55 min Scan# 1609  
 Delta R.T. 0.01 min  
 Lab File: BF111112.D  
 Acq: 5 Dec 2018 16:59

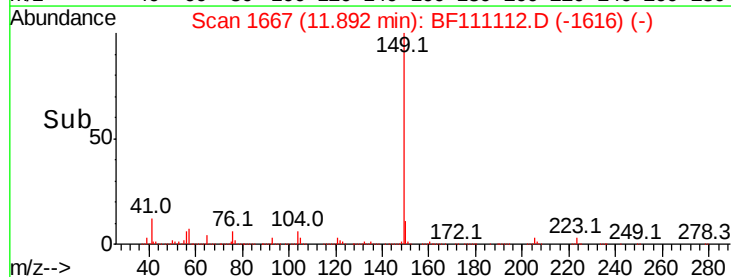
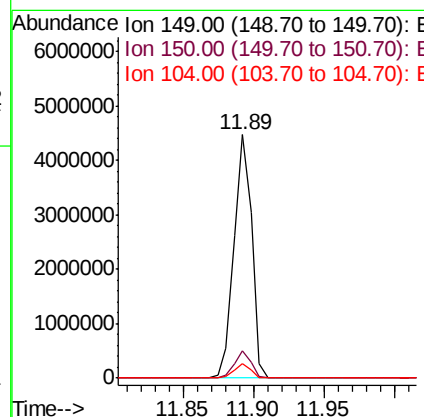
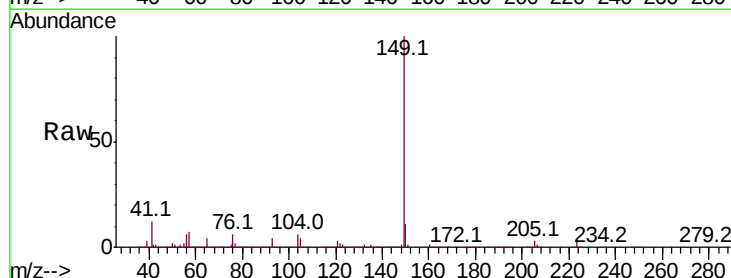
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF120518

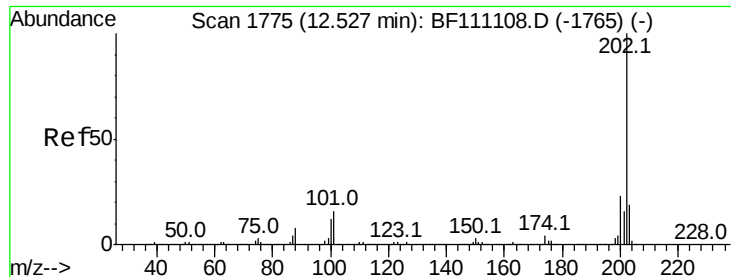
Tot Ion:167 Resp: 3404291  
 Ion Ratio Lower Upper  
 167 100  
 166 25.2 19.4 29.0  
 139 15.6 12.6 18.8



#74  
 Di-n-butylphthalate  
 Concen: 37.411 ng  
 RT: 11.89 min Scan# 1667  
 Delta R.T. -0.00 min  
 Lab File: BF111112.D  
 Acq: 5 Dec 2018 16:59

Tgt Ion:149 Resp: 3894115  
 Ion Ratio Lower Upper  
 149 100  
 150 11.0 8.6 12.8  
 104 5.9 4.5 6.7





#75

Fluoranthene

Concen: 39.051 ng

RT: 12.53 min Scan# 1776

Delta R.T. 0.01 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

Instrument :

BNA\_F

ClientSampleId :

ICVBF120518

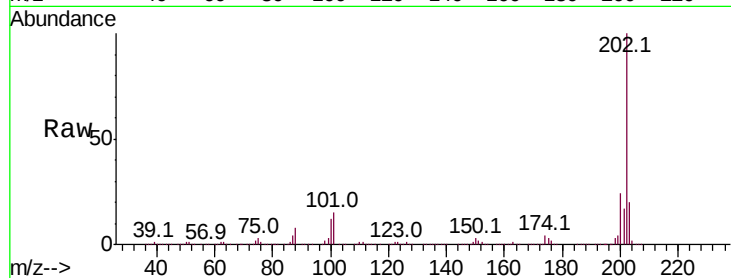
Tot Ion:202 Resp: 3239624

Ion Ratio Lower Upper

202 100

101 14.7 0.0 35.8

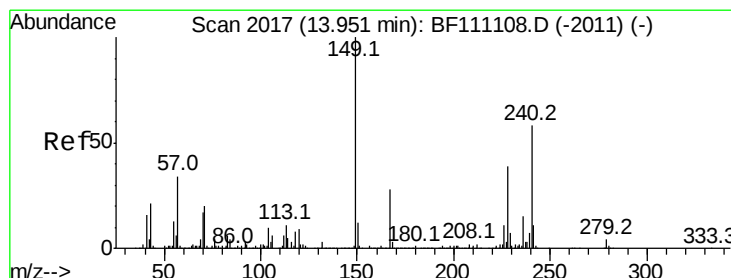
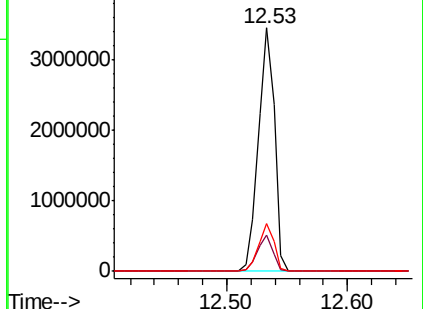
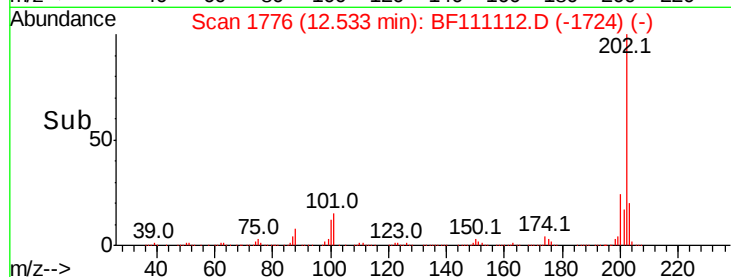
203 19.6 0.0 38.6



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: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

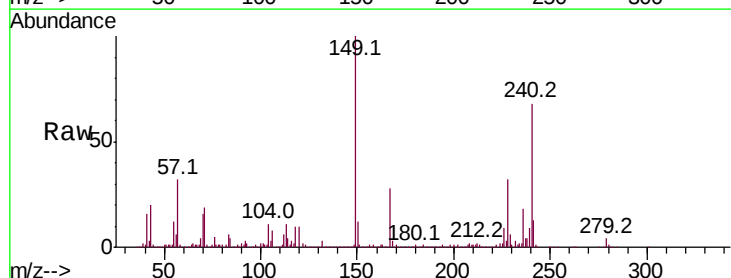
Tgt Ion:240 Resp: 1180275

Ion Ratio Lower Upper

240 100

120 15.5 12.8 19.2

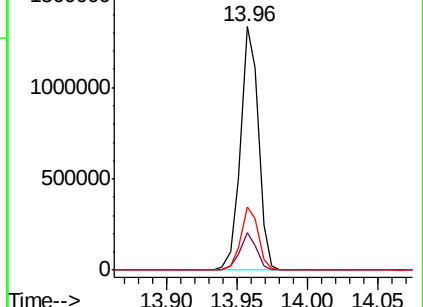
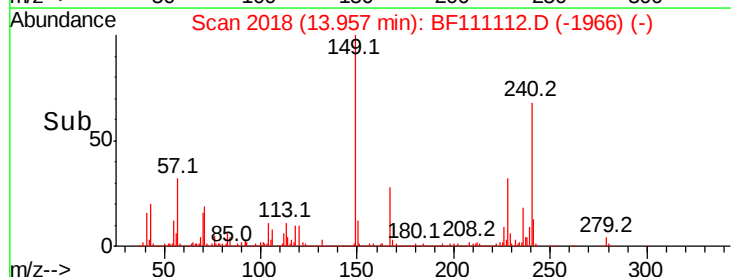
236 26.1 21.1 31.7

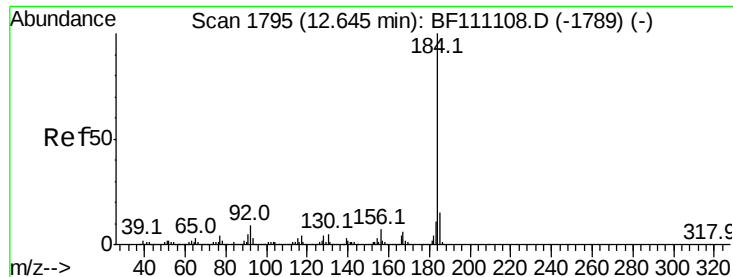


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 28.560 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

Instrument :

BNA\_F

ClientSampleId :

ICVBF120518

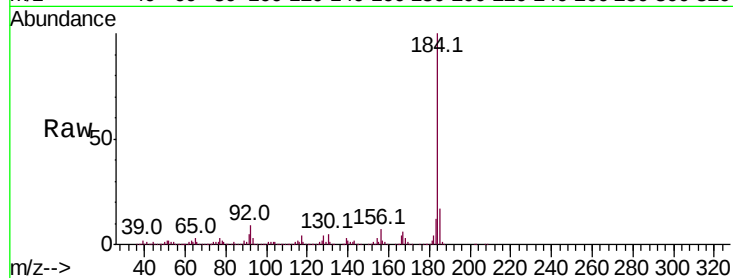
Tot Ion:184 Resp: 1143085

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 16.7  | 12.0  | 18.0  |
| 183 | 12.2  | 8.9   | 13.3  |

184 100

185 16.7 12.0 18.0

183 12.2 8.9 13.3

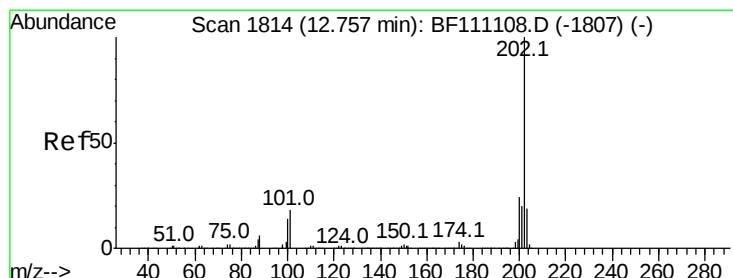
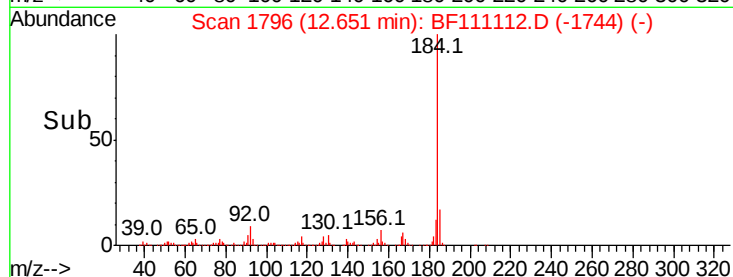
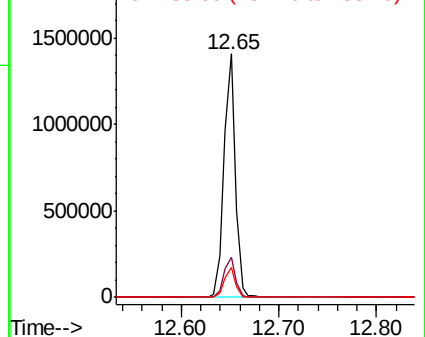


Abundance

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: 36.435 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

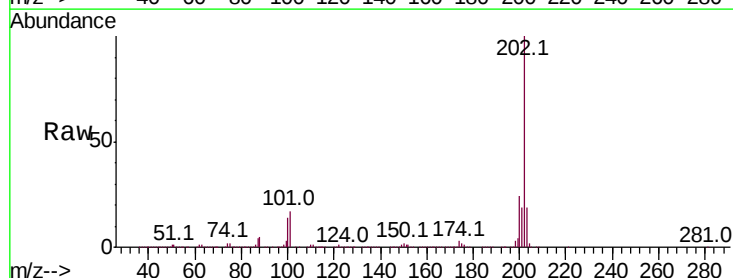
Tgt Ion:202 Resp: 3350241

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 23.9  | 19.3  | 28.9  |
| 203 | 19.4  | 15.4  | 23.2  |

202 100

200 23.9 19.3 28.9

203 19.4 15.4 23.2

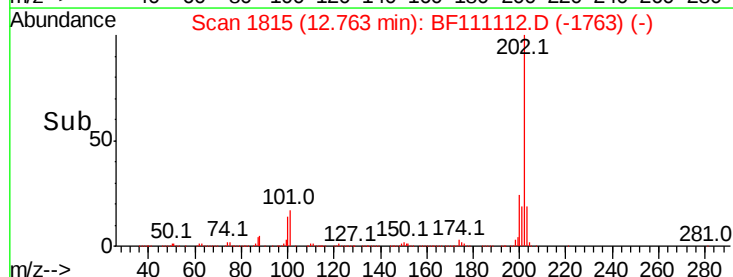
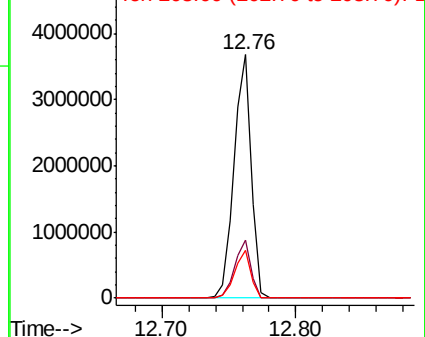


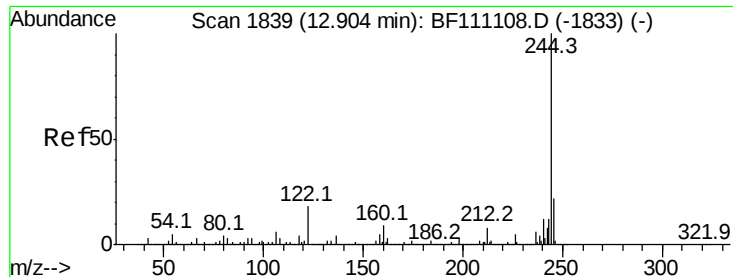
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.132 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

Instrument :

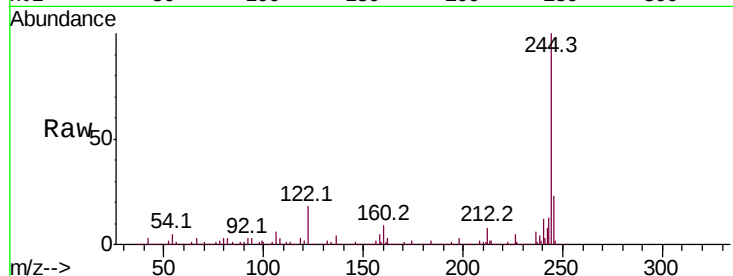
BNA\_F

ClientSampleId :

ICVBF120518

Tot Ion:244 Resp: 4099400

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 8.1   | 6.6   | 9.8   |
| 122 | 17.6  | 14.2  | 21.2  |

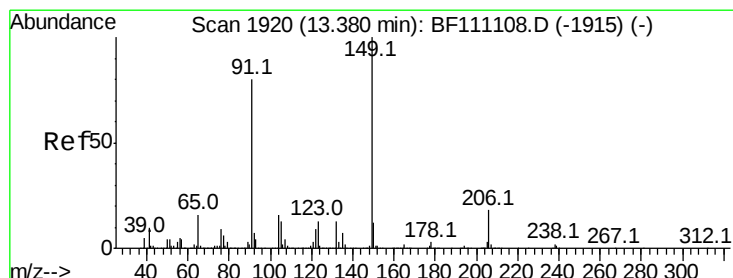
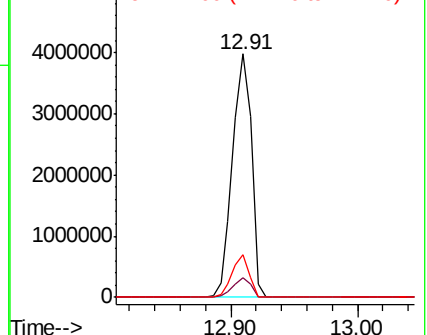
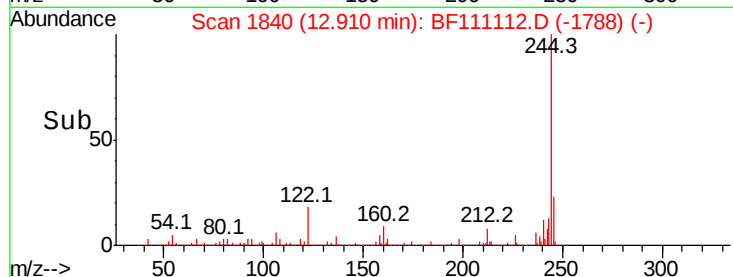


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.779 ng

RT: 13.39 min Scan# 1921

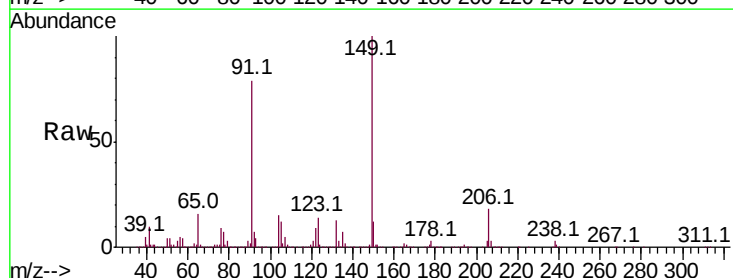
Delta R.T. 0.01 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

Tgt Ion:149 Resp: 1722602

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 78.9  | 64.0  | 96.0  |
| 206 | 18.4  | 14.1  | 21.1  |

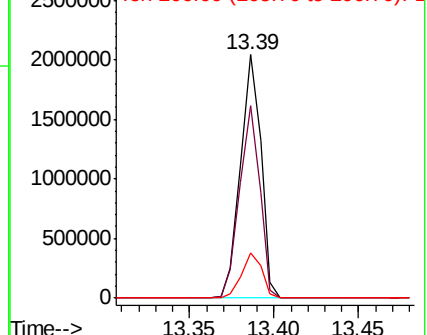
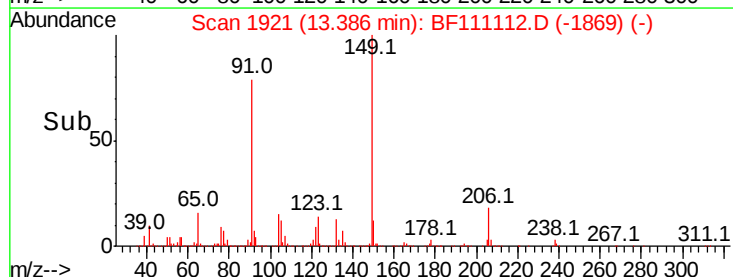


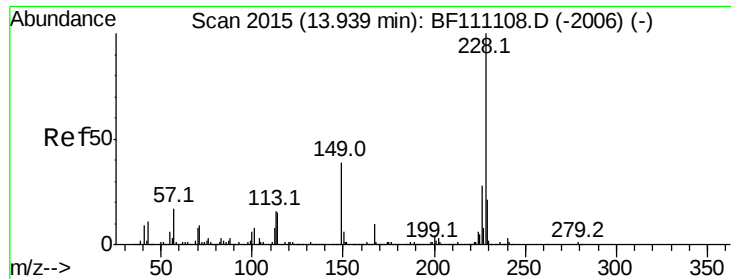
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

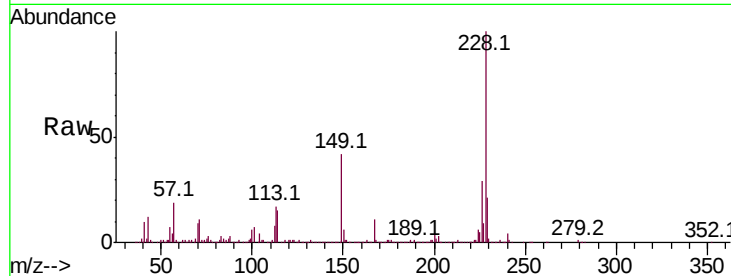




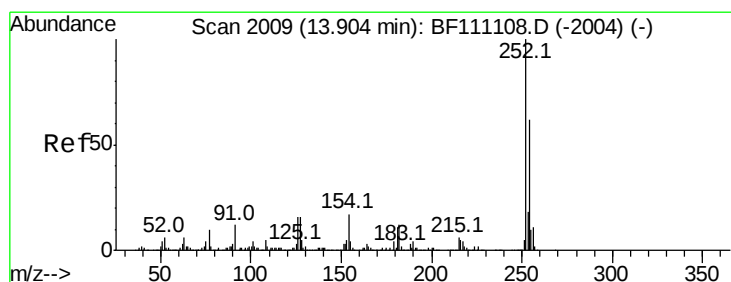
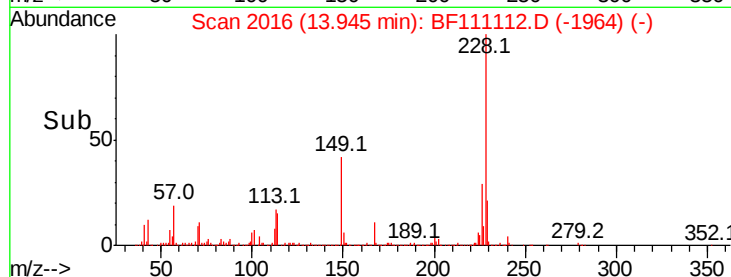
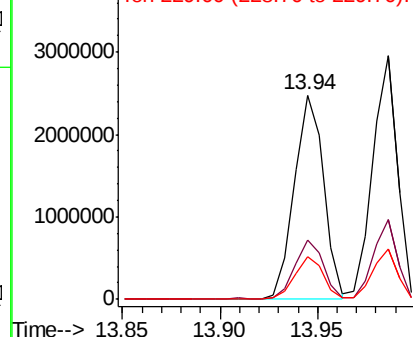
#81  
Benzo(a)anthracene  
Concen: 37.293 ng  
RT: 13.94 min Scan# 2016  
Delta R.T. 0.01 min  
Lab File: BF111112.D  
Acq: 5 Dec 2018 16:59

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF120518

Tot Ion:228 Resp: 2578928  
Ion Ratio Lower Upper  
228 100  
226 28.9 22.6 34.0  
229 20.9 16.7 25.1

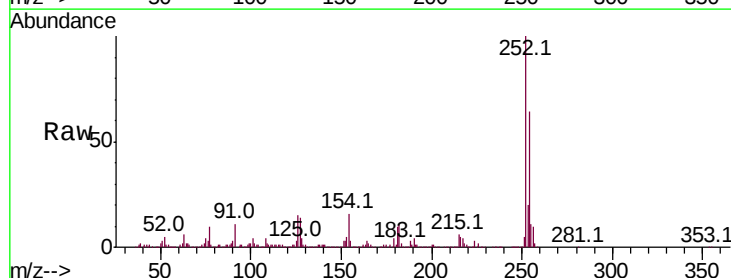


Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E

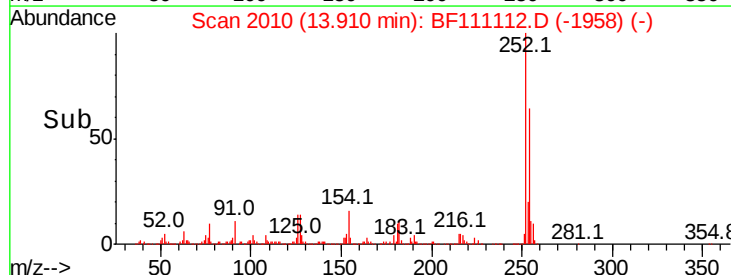
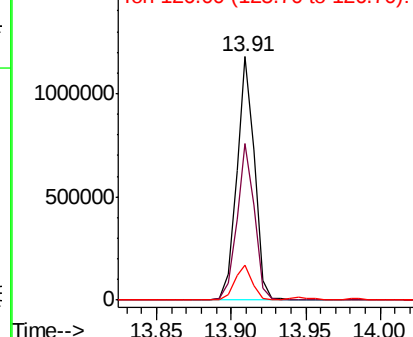


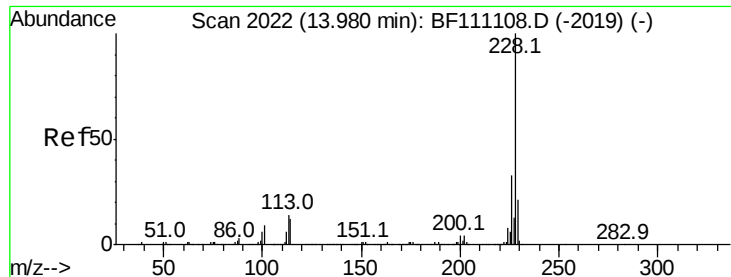
#82  
3,3'-Dichlorobenzidine  
Concen: 37.781 ng  
RT: 13.91 min Scan# 2010  
Delta R.T. 0.01 min  
Lab File: BF111112.D  
Acq: 5 Dec 2018 16:59

Tgt Ion:252 Resp: 985976  
Ion Ratio Lower Upper  
252 100  
254 64.1 49.8 74.8  
126 14.5 12.9 19.3



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: 37.946 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

Instrument :

BNA\_F

ClientSampleId :

ICVBF120518

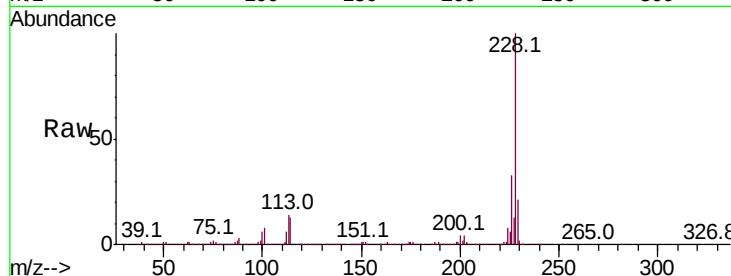
Tot Ion:228 Resp: 2605005

Ion Ratio Lower Upper

228 100

226 32.9 26.2 39.2

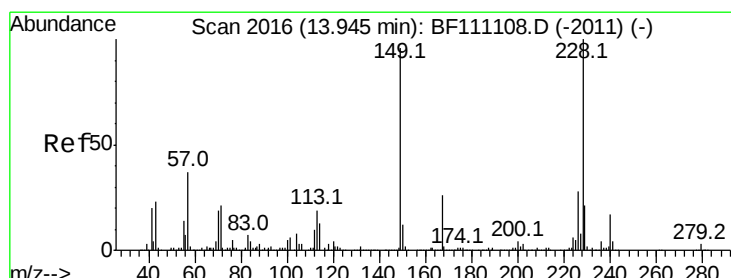
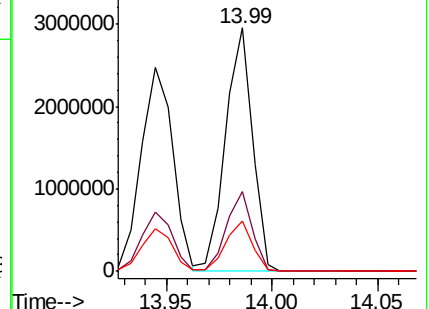
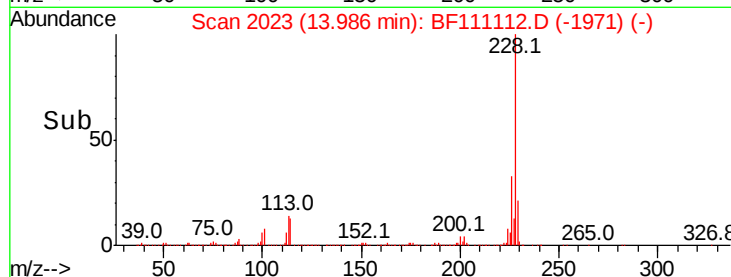
229 20.9 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.572 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

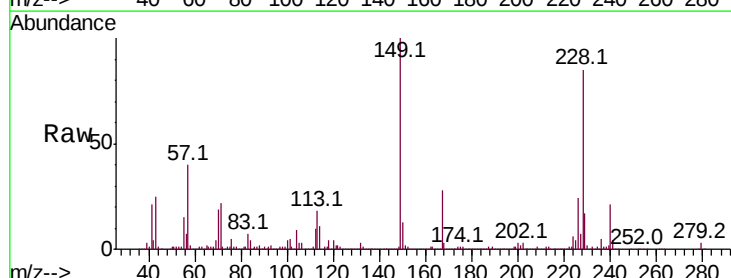
Tgt Ion:149 Resp: 2123237

Ion Ratio Lower Upper

149 100

167 27.7 21.6 32.4

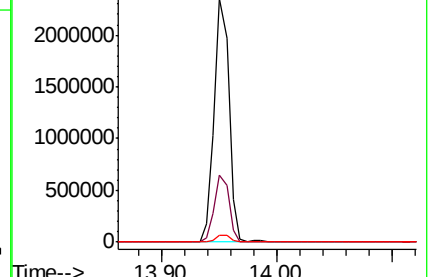
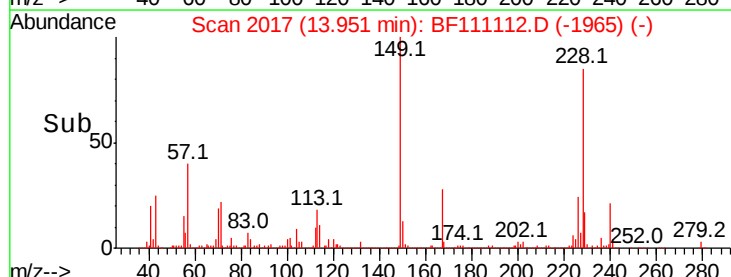
279 2.8 2.3 3.5

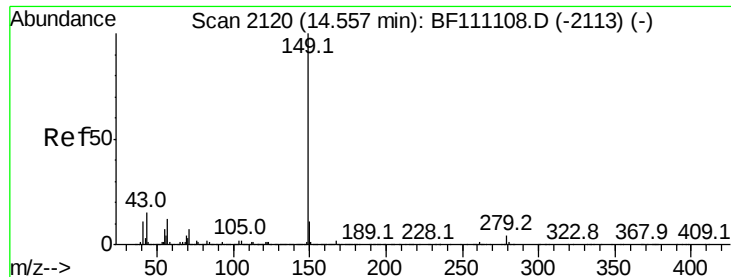


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

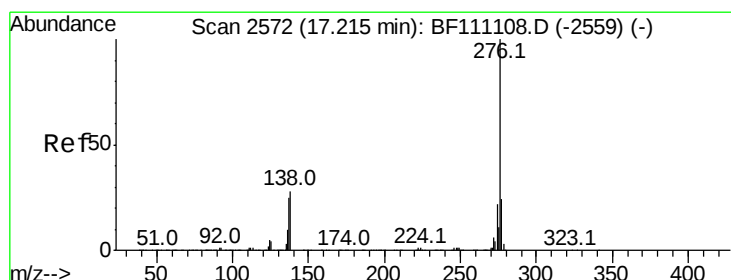
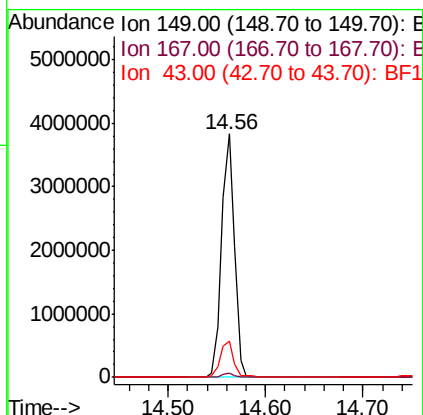
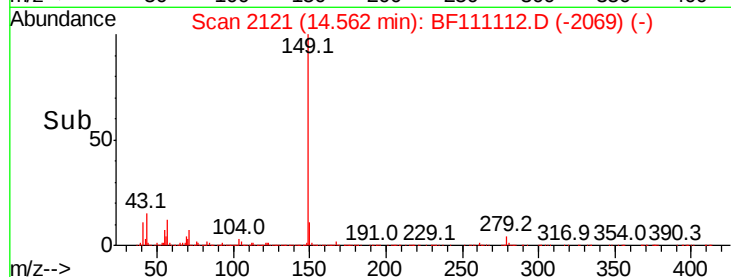
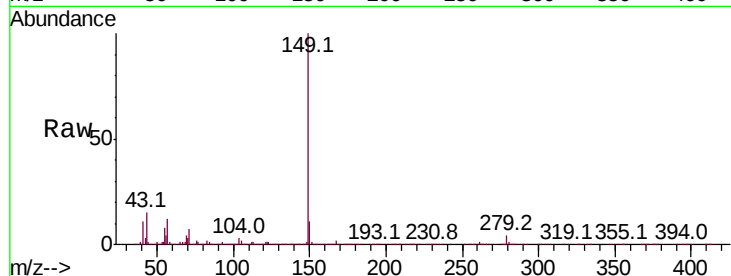




#85  
Di-n-octyl phthalate  
Concen: 41.635 ng  
RT: 14.56 min Scan# 2121  
Delta R.T. 0.01 min  
Lab File: BF111112.D  
Acq: 5 Dec 2018 16:59

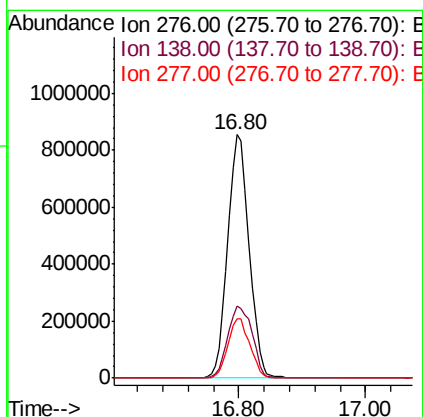
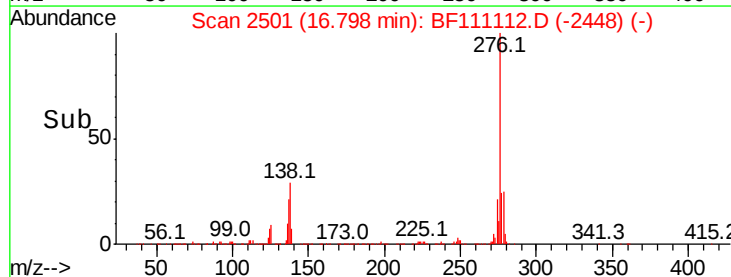
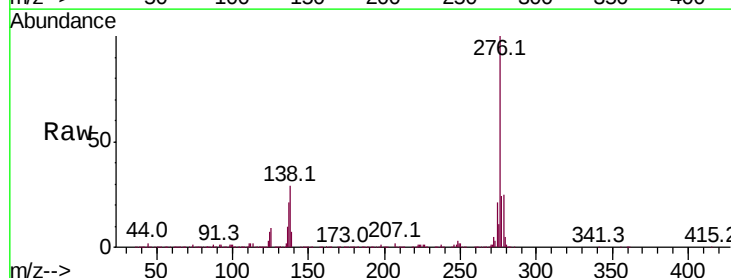
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF120518

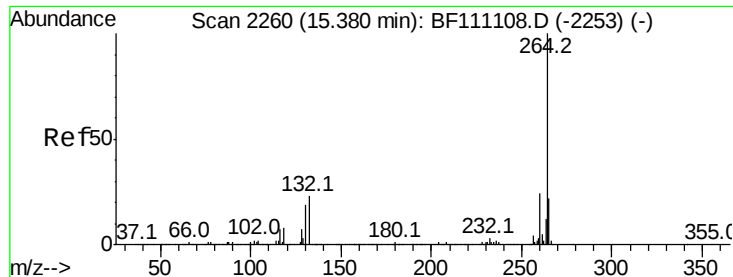
Tot Ion:149 Resp: 3511847  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 15.3 11.9 17.9



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 35.819 ng  
RT: 16.80 min Scan# 2501  
Delta R.T. 0.01 min  
Lab File: BF111112.D  
Acq: 5 Dec 2018 16:59

Tgt Ion:276 Resp: 1974294  
Ion Ratio Lower Upper  
276 100  
138 33.8 20.2 30.4#  
277 25.0 15.8 23.6#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. 0.01 min

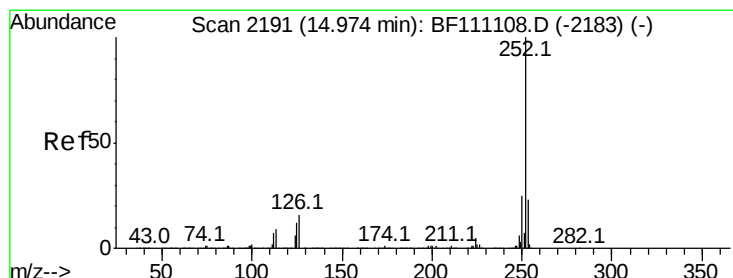
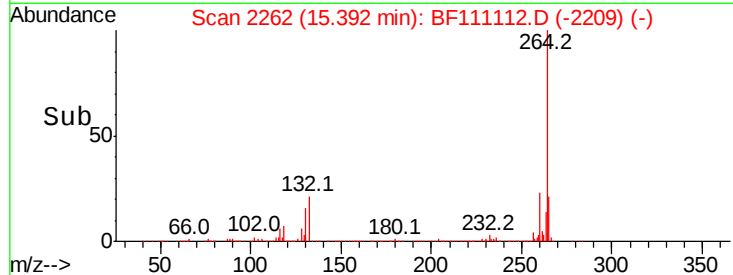
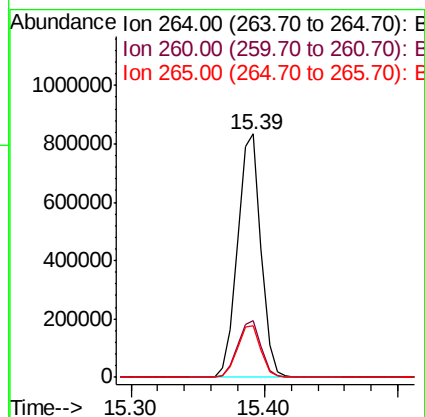
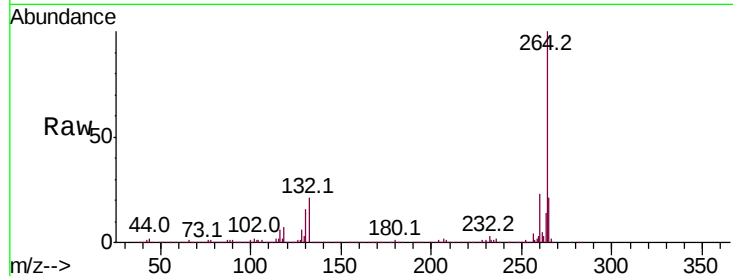
Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF120518

Tot Ion:264 Resp: 1016087

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.2  | 19.4  | 29.0  |
| 265 | 21.2  | 17.4  | 26.0  |



#88

Benzo(b)fluoranthene

Concen: 38.573 ng

RT: 14.98 min Scan# 2192

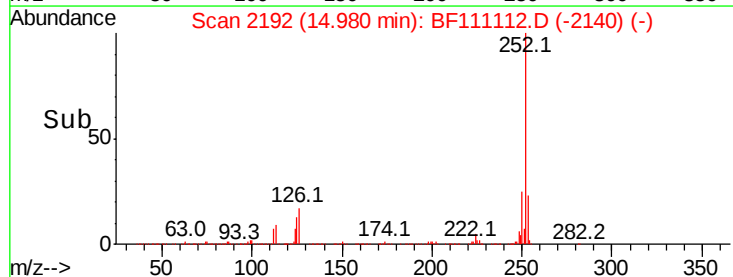
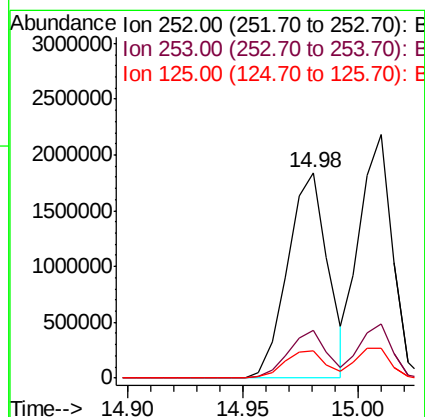
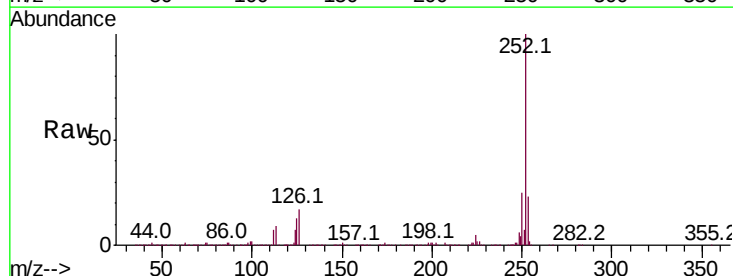
Delta R.T. 0.01 min

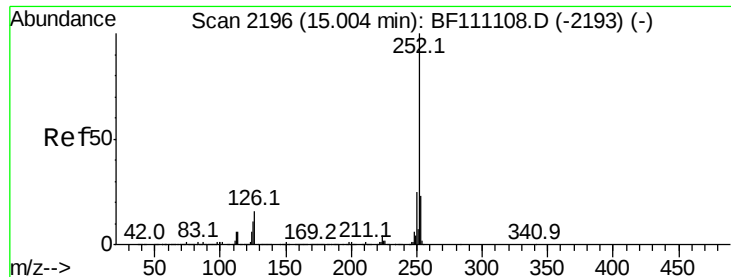
Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

Tgt Ion:252 Resp: 2220877

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.0  | 18.5  | 27.7  |
| 125 | 13.1  | 9.9   | 14.9  |





#89

Benzo(k)fluoranthene

Concen: 38.972 ng

RT: 15.01 min Scan# 2197

Delta R.T. 0.01 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

Instrument :

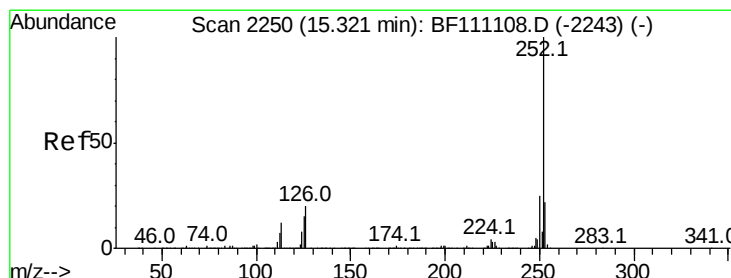
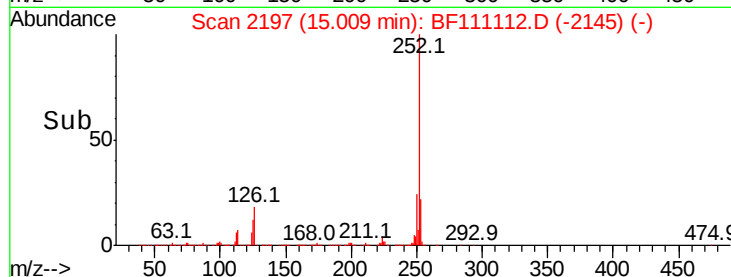
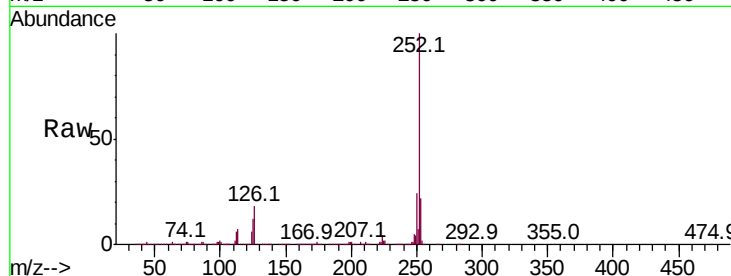
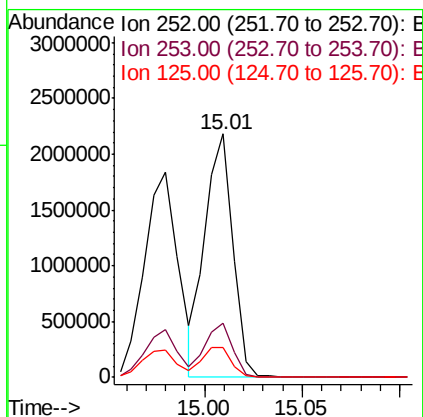
BNA\_F

ClientSampleId :

ICVBF120518

Tot Ion:252 Resp: 2169192

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.2  | 18.2  | 27.4  |
| 125 | 12.2  | 9.9   | 14.9  |



#90

Benzo(a)pyrene

Concen: 37.907 ng

RT: 15.33 min Scan# 2252

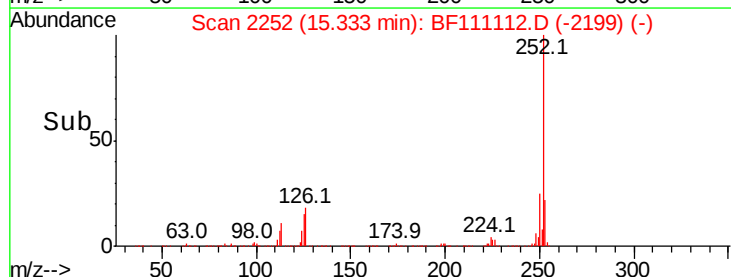
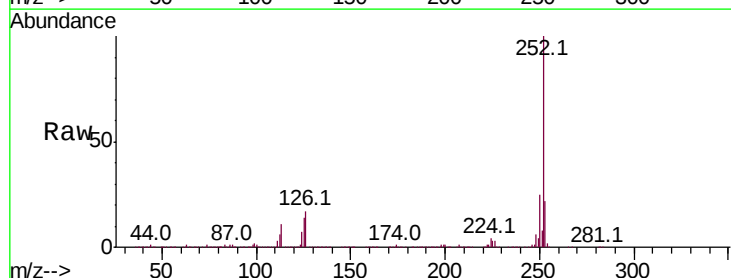
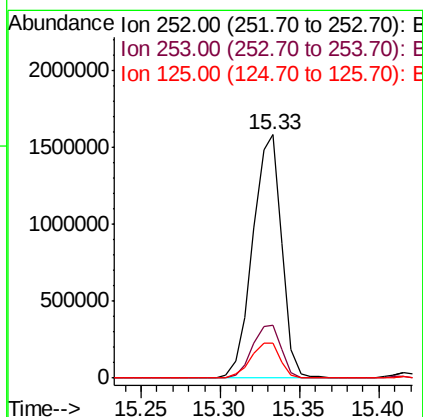
Delta R.T. 0.01 min

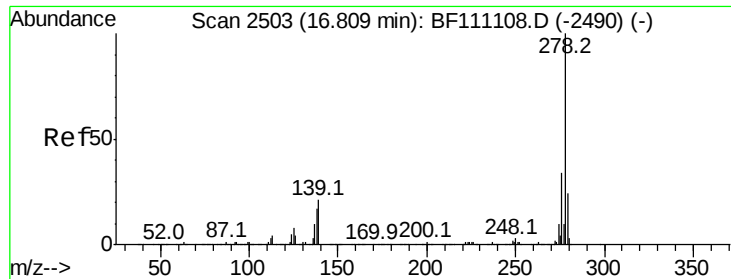
Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

Tgt Ion:252 Resp: 2001927

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.8  | 17.5  | 26.3  |
| 125 | 14.1  | 12.4  | 18.6  |





#91

Dibenzo(a,h)anthracene

Concen: 37.306 ng

RT: 16.82 min Scan# 2505

Delta R.T. 0.01 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

Instrument :

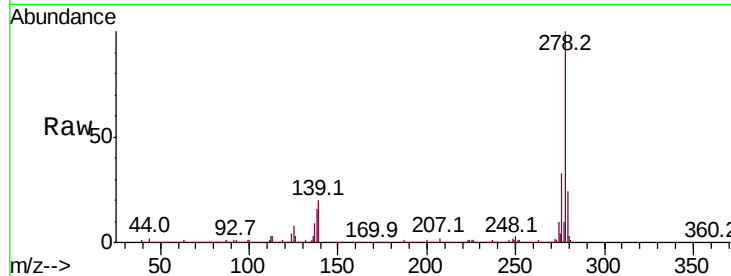
BNA\_F

ClientSampleId :

ICVBF120518

Tot Ion:278 Resp: 1653330

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 20.5  | 16.6  | 25.0  |
| 279 | 23.8  | 18.8  | 28.2  |

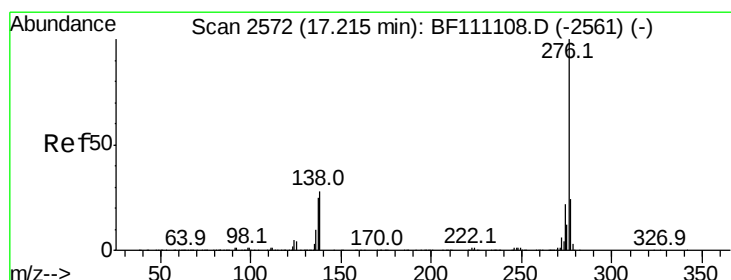
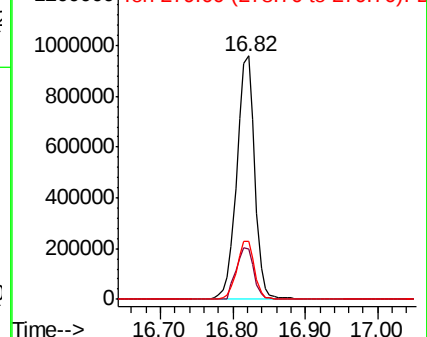
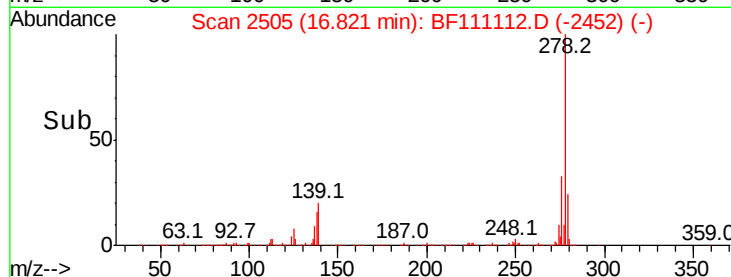


Abundance

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: 36.568 ng

RT: 17.23 min Scan# 2574

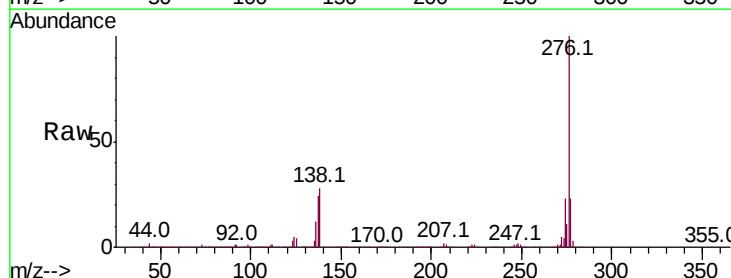
Delta R.T. 0.01 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

Tgt Ion:276 Resp: 1628553

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.0  | 19.3  | 28.9  |
| 138 | 28.4  | 22.3  | 33.5  |



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

