

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF111518\  
 Data File : BF110789.D  
 Acq On : 15 Nov 2018 15:38  
 Operator : JU/SJ  
 Sample : J5950-08MS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSI-21-TW-2MS

Quant Time: Nov 15 16:17:20 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 13 12:43:10 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.94  | 152  | 63151    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.22  | 136  | 260530   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.98  | 164  | 123350   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10      | 11.47 | 188  | 226357   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 14.13 | 240  | 149251   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 15.65 | 264  | 138945   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |        |    |       |
|--------------------------|-------|-----|--------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.56  | 112 | 412818 | 106.18 | ng | 0.00  |
| 7) Phenol-d6             | 6.57  | 99  | 518161 | 104.22 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 7.50  | 82  | 318216 | 70.34  | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.78 | 330 | 131537 | 105.83 | ng | 0.00  |
| 45) 2-Fluorobiphenyl     | 9.29  | 172 | 540288 | 62.56  | ng | -0.01 |
| 79) Terphenyl-d14        | 13.06 | 244 | 503099 | 63.13  | ng | -0.01 |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.80 | 88  | 45471  | 23.473 | ng | 90     |
| 3) Pyridine                    | 3.60 | 79  | 108959 | 26.058 | ng | # 85   |
| 4) n-Nitrosodimethylamine      | 3.54 | 42  | 61498  | 34.278 | ng | 85     |
| 6) Aniline                     | 6.60 | 93  | 127005 | 19.589 | ng | # 58   |
| 8) 2-Chlorophenol              | 6.73 | 128 | 142727 | 31.316 | ng | 97     |
| 9) Benzaldehyde                | 6.50 | 77  | 73808  | 24.993 | ng | 92     |
| 10) Phenol                     | 6.58 | 94  | 180799 | 31.363 | ng | # 66   |
| 11) bis(2-Chloroethyl)ether    | 6.67 | 93  | 126753 | 29.339 | ng | 94     |
| 12) 1,3-Dichlorobenzene        | 6.87 | 146 | 148284 | 29.735 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.96 | 146 | 152610 | 30.137 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.11 | 146 | 143291 | 30.417 | ng | 99     |
| 15) Benzyl Alcohol             | 7.08 | 79  | 121678 | 31.275 | ng | 93     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.20 | 45  | 202220 | 29.805 | ng | 76     |
| 17) 2-Methylphenol             | 7.19 | 107 | 114066 | 31.447 | ng | # 82   |
| 18) Hexachloroethane           | 7.45 | 117 | 56417  | 30.178 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 7.35 | 70  | 96501  | 30.408 | ng | 96     |
| 20) 3+4-Methylphenols          | 7.35 | 107 | 150420 | 32.304 | ng | # 53   |
| 22) Acetophenone               | 7.35 | 105 | 198152 | 32.635 | ng | # 91   |
| 24) Nitrobenzene               | 7.52 | 77  | 146569 | 31.622 | ng | 97     |
| 25) Isophorone                 | 7.76 | 82  | 260199 | 35.092 | ng | 96     |
| 26) 2-Nitrophenol              | 7.84 | 139 | 74624  | 32.273 | ng | 94     |
| 27) 2,4-Dimethylphenol         | 7.87 | 122 | 124291 | 35.295 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.96 | 93  | 164702 | 32.807 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 8.08 | 162 | 121220 | 33.454 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 8.16 | 180 | 125947 | 30.828 | ng | 98     |
| 31) Naphthalene                | 8.25 | 128 | 451272 | 36.897 | ng | 99     |
| 32) Benzoic acid               | 7.99 | 122 | 83946  | 33.691 | ng | 93     |
| 33) 4-Chloroaniline            | 8.30 | 127 | 68176  | 12.306 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.35 | 225 | 69341  | 29.715 | ng | 99     |
| 35) Caprolactam                | 8.66 | 113 | 38064  | 31.442 | ng | 89     |
| 36) 4-Chloro-3-methylphenol    | 8.77 | 107 | 129973 | 33.259 | ng | 100    |
| 37) 2-Methylnaphthalene        | 8.93 | 142 | 292416 | 36.471 | ng | 98     |
| 38) 1-Methylnaphthalene        | 9.03 | 142 | 275580 | 35.740 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.10 | 216 | 120431 | 30.844 | ng | 98     |

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 Sample : J5950-08MS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

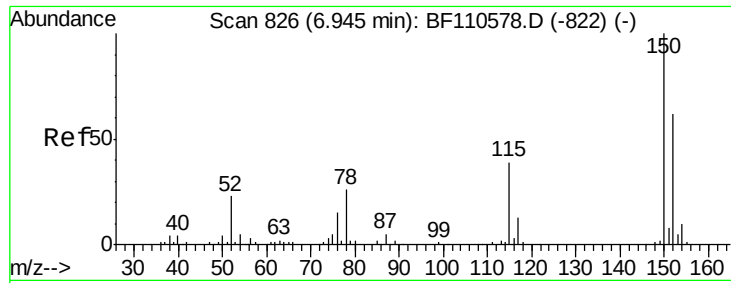
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSI-21-TW-2MS

Quant Time: Nov 15 16:17:20 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 13 12:43:10 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.08  | 237  | 68756    | 48.492 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 9.22  | 196  | 80801    | 32.932 | ng    | 97       |
| 44) 2,4,5-Trichlorophenol      | 9.26  | 196  | 86688    | 33.122 | ng    | 94       |
| 46) 1,1'-Biphenyl              | 9.40  | 154  | 352302   | 30.617 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 9.43  | 162  | 264058   | 31.853 | ng    | 100      |
| 48) 2-Nitroaniline             | 9.53  | 65   | 82582    | 32.327 | ng    | 98       |
| 49) Acenaphthylene             | 9.85  | 152  | 411861   | 34.498 | ng    | 99       |
| 50) Dimethylphthalate          | 9.69  | 163  | 384840   | 41.812 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.77  | 165  | 67089    | 33.135 | ng    | 93       |
| 52) Acenaphthene               | 10.02 | 154  | 247215   | 32.766 | ng    | 98       |
| 53) 3-Nitroaniline             | 9.95  | 138  | 43469    | 18.531 | ng    | 88       |
| 54) 2,4-Dinitrophenol          | 10.06 | 184  | 43837    | 55.858 | ng    | 93       |
| 55) Dibenzofuran               | 10.19 | 168  | 364018   | 32.977 | ng    | 97       |
| 56) 4-Nitrophenol              | 10.10 | 139  | 92890    | 59.690 | ng    | 96       |
| 57) 2,4-Dinitrotoluene         | 10.18 | 165  | 88224    | 33.513 | ng    | 94       |
| 58) Fluorene                   | 10.53 | 166  | 295715   | 34.877 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.31 | 232  | 69629    | 33.818 | ng    | 93       |
| 60) Diethylphthalate           | 10.39 | 149  | 310642   | 34.115 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.52 | 204  | 140310   | 31.961 | ng    | 95       |
| 62) 4-Nitroaniline             | 10.56 | 138  | 67371    | 28.522 | ng    | 91       |
| 63) Azobenzene                 | 10.68 | 77   | 288456   | 32.469 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 10.59 | 198  | 34200    | 29.979 | ng    | 91       |
| 66) n-Nitrosodiphenylamine     | 10.64 | 169  | 251883   | 33.013 | ng    | 96       |
| 67) 4-Bromophenyl-phenylether  | 11.01 | 248  | 80203    | 32.059 | ng    | # 90     |
| 68) Hexachlorobenzene          | 11.09 | 284  | 85690    | 32.488 | ng    | 99       |
| 69) Atrazine                   | 11.16 | 200  | 79277    | 33.982 | ng    | 99       |
| 70) Pentachlorophenol          | 11.28 | 266  | 70623    | 50.181 | ng    | 96       |
| 71) Phenanthrene               | 11.50 | 178  | 419695   | 34.608 | ng    | 99       |
| 72) Anthracene                 | 11.55 | 178  | 438036   | 35.807 | ng    | 99       |
| 73) Carbazole                  | 11.71 | 167  | 362594   | 30.863 | ng    | 100      |
| 74) Di-n-butylphthalate        | 12.02 | 149  | 485612   | 35.248 | ng    | 98       |
| 75) Fluoranthene               | 12.70 | 202  | 403580   | 33.194 | ng    | 97       |
| 77) Benzidine                  | 12.82 | 184  | 112969   | 27.524 | ng    | 96       |
| 78) Pyrene                     | 12.93 | 202  | 399618   | 34.774 | ng    | 98       |
| 80) Butylbenzylphthalate       | 13.52 | 149  | 180943   | 36.582 | ng    | 99       |
| 81) Benzo(a)anthracene         | 14.12 | 228  | 302595   | 33.920 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 14.07 | 252  | 73724    | 24.670 | ng    | 98       |
| 83) Chrysene                   | 14.15 | 228  | 285839   | 33.632 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 14.07 | 149  | 246758   | 40.215 | ng    | 96       |
| 85) Di-n-octyl phthalate       | 14.69 | 149  | 375028   | 41.563 | ng    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 17.23 | 276  | 299293   | 49.074 | ng    | 97       |
| 88) Benzo(b)fluoranthene       | 15.20 | 252  | 262771   | 31.613 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 15.23 | 252  | 268480   | 32.688 | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.59 | 252  | 263056   | 34.832 | ng    | 97       |
| 91) Dibenzo(a,h)anthracene     | 17.23 | 278  | 247229   | 38.684 | ng    | 100      |
| 92) Benzo(g,h,i)perylene       | 17.70 | 276  | 239705   | 37.802 | ng    | 97       |

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



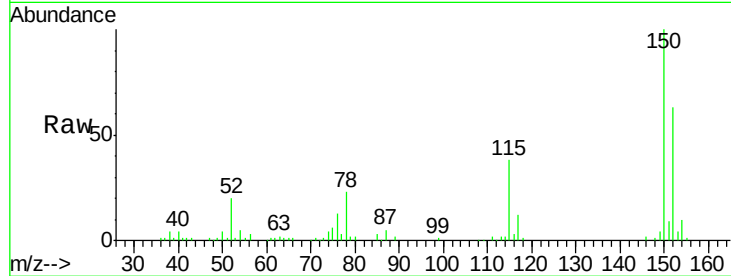


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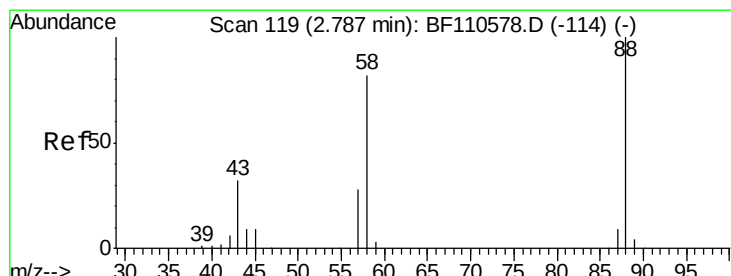
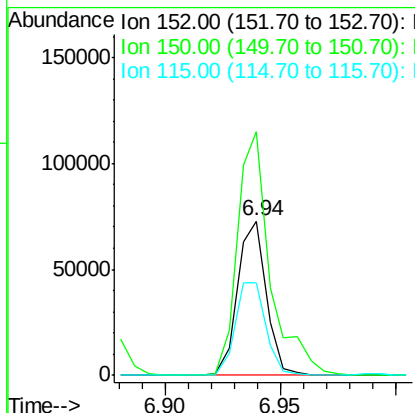
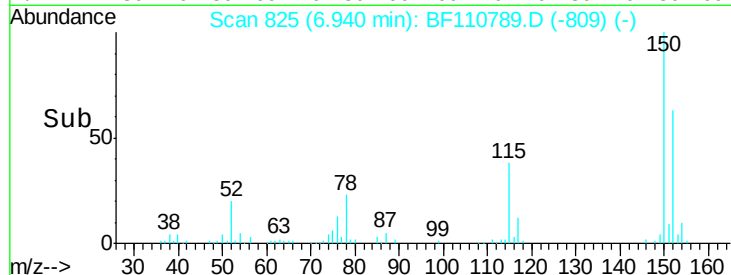
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.94 min Scan# 825  
Delta R.T. -0.01 min  
Lab File: BF110789.D  
Acq: 15 Nov 2018 15:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSI-21-TW-2MS

Tgt Ion:152 Resp: 63151  
Ion Ratio Lower Upper  
152 100  
150 158.0 122.7 184.1  
115 60.4 49.1 73.7



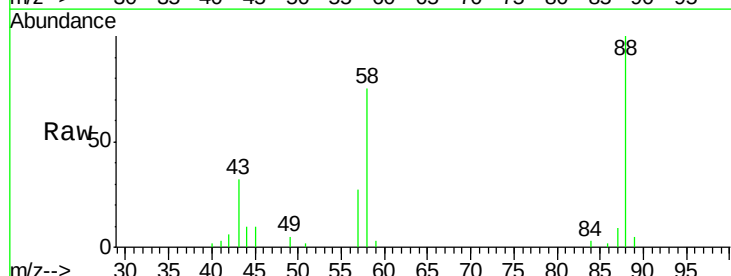
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



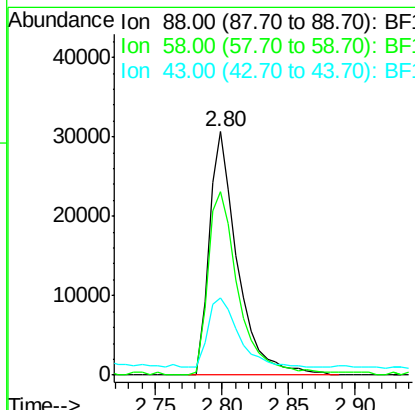
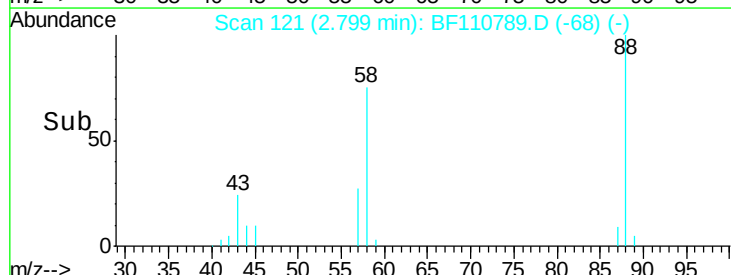
#2

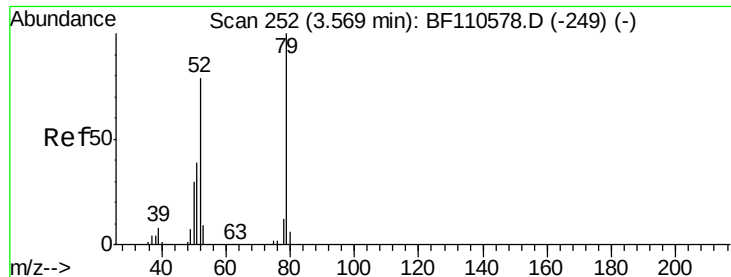
1,4-Dioxane  
Concen: 23.473 ng  
RT: 2.80 min Scan# 121  
Delta R.T. 0.01 min  
Lab File: BF110789.D  
Acq: 15 Nov 2018 15:38

Tgt Ion: 88 Resp: 45471  
Ion Ratio Lower Upper  
88 100  
58 82.3 57.1 85.7  
43 31.3 24.1 36.1



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





#3

Pyridine

Concen: 26.058 ng

RT: 3.60 min Scan# 257

Delta R.T. 0.03 min

Lab File: BF110789.D

Acq: 15 Nov 2018 15:38

Instrument :

BNA\_F

ClientSampleId :

SSI-21-TW-2MS

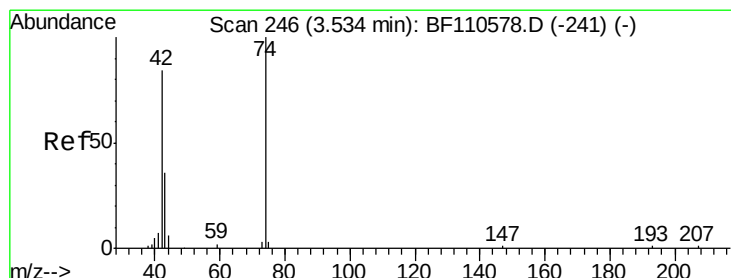
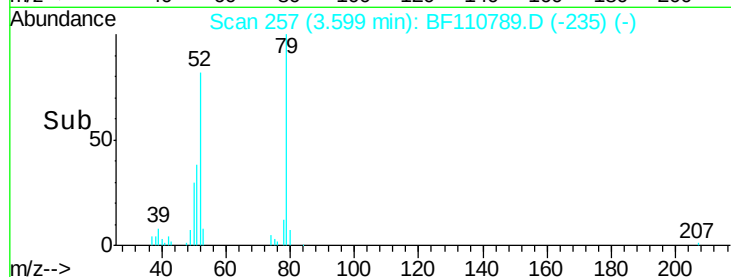
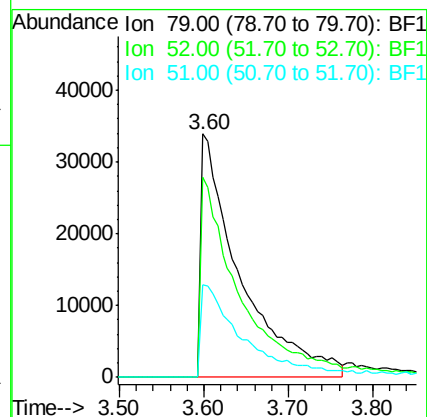
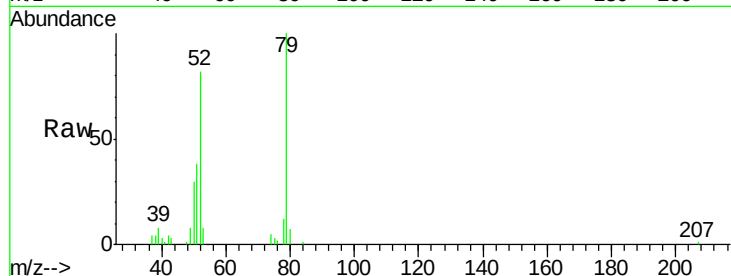
Tgt Ion: 79 Resp: 108959

Ion Ratio Lower Upper

79 100

52 82.2 53.1 79.7#

51 38.0 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 34.278 ng

RT: 3.54 min Scan# 247

Delta R.T. 0.01 min

Lab File: BF110789.D

Acq: 15 Nov 2018 15:38

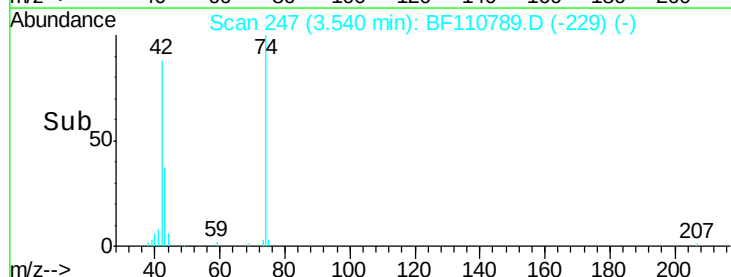
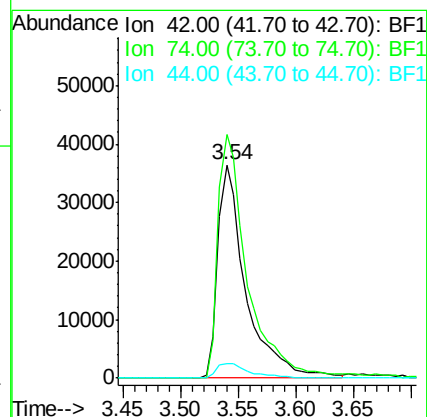
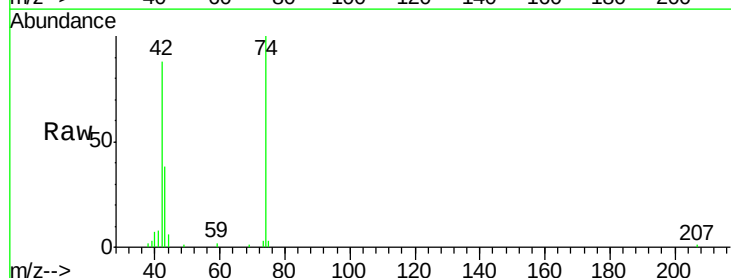
Tgt Ion: 42 Resp: 61498

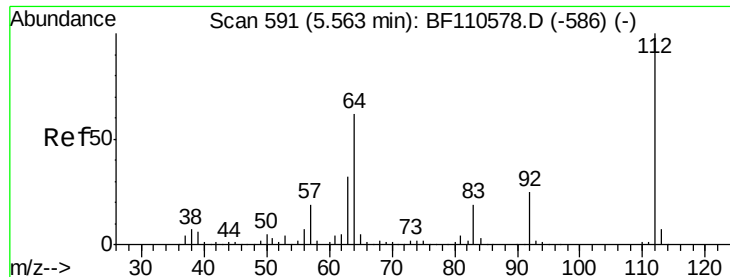
Ion Ratio Lower Upper

42 100

74 114.1 105.5 158.3

44 6.6 4.9 7.3





#5

2-Fluorophenol

Concen: 106.181 ng

RT: 5.56 min Scan# 591

Delta R.T. 0.00 min

Lab File: BF110789.D

Acq: 15 Nov 2018 15:38

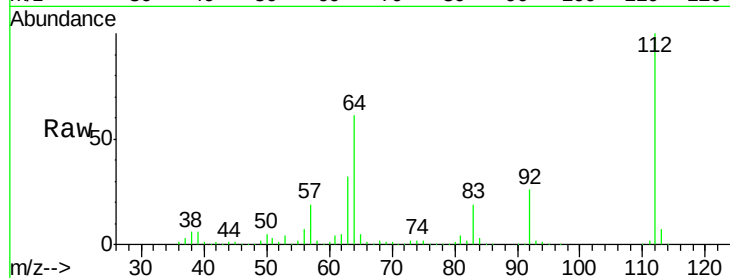
Instrument :

BNA\_F

ClientSampleId :

SSI-21-TW-2MS

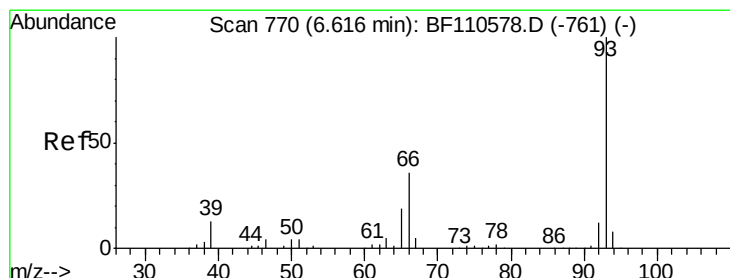
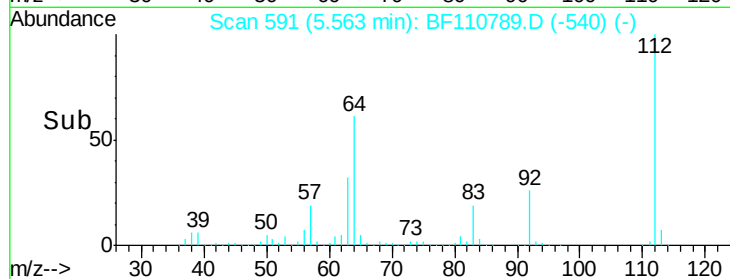
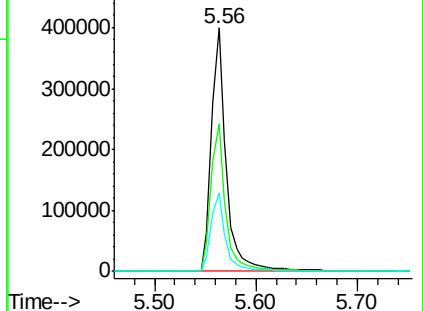
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 112   | Resp: | 412818 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 64       | 60.8  | 44.1  | 66.1   |
| 63       | 32.2  | 23.7  | 35.5   |



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 19.589 ng

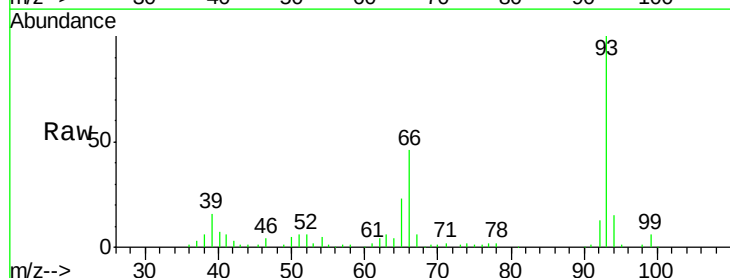
RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF110789.D

Acq: 15 Nov 2018 15:38

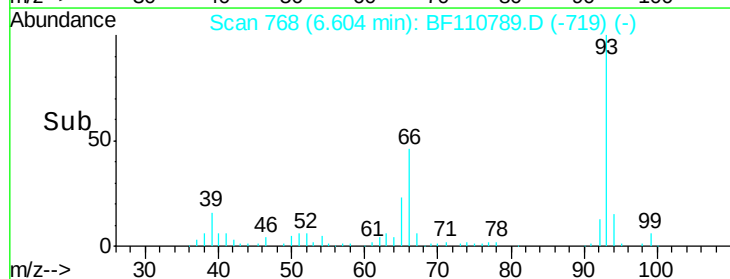
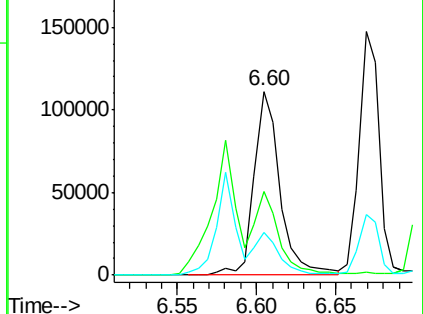
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 127005 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 66       | 45.7  | 67.4  | 101.0# |
| 65       | 23.1  | 41.0  | 61.4#  |

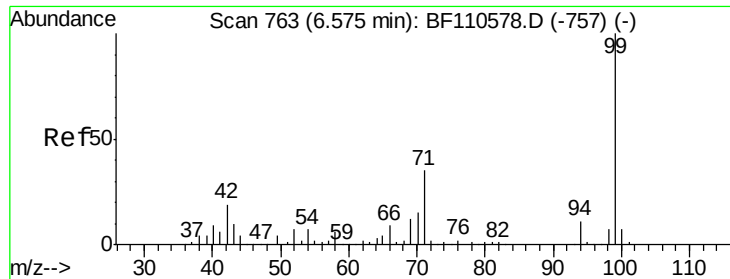


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 104.224 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110789.D

Acq: 15 Nov 2018 15:38

Instrument :

BNA\_F

ClientSampleId :

SSI-21-TW-2MS

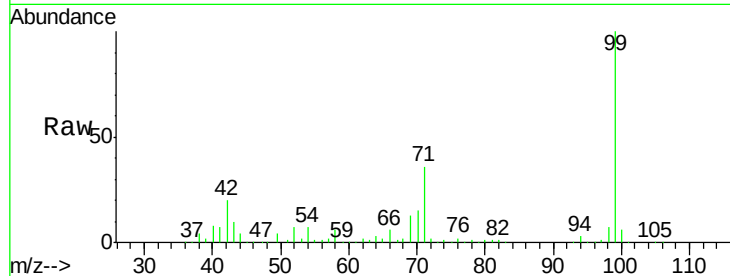
Tgt Ion: 99 Resp: 518161

Ion Ratio Lower Upper

99 100

42 19.7 15.8 23.6

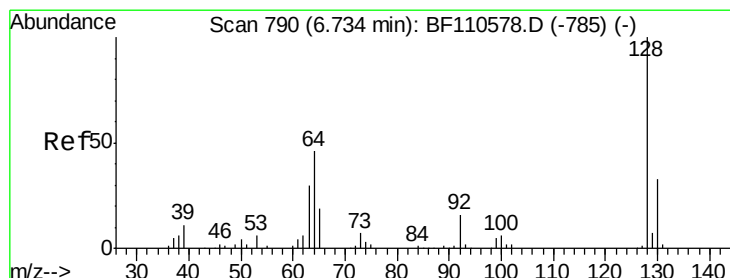
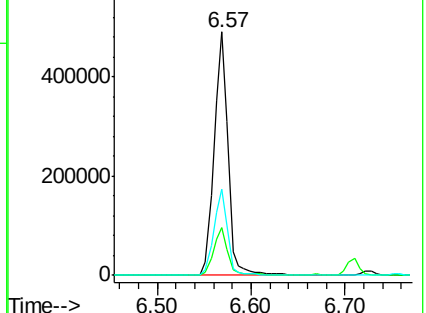
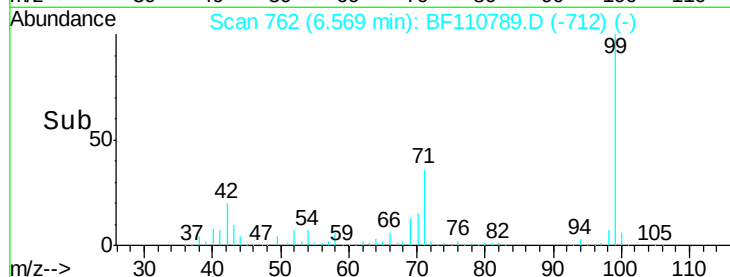
71 35.5 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 31.316 ng

RT: 6.73 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF110789.D

Acq: 15 Nov 2018 15:38

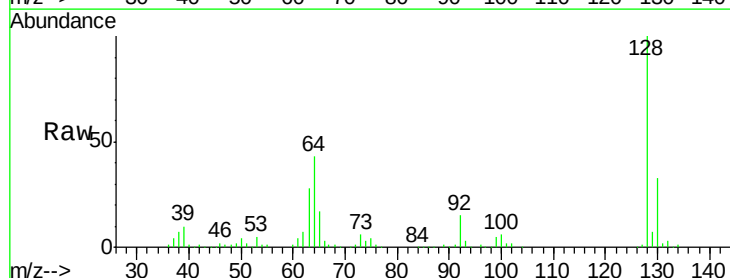
Tgt Ion: 128 Resp: 142727

Ion Ratio Lower Upper

128 100

130 32.5 13.1 53.1

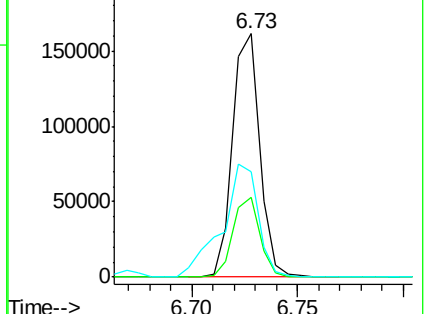
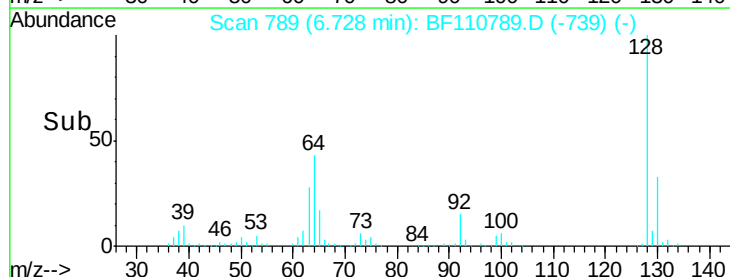
64 43.1 26.0 66.0



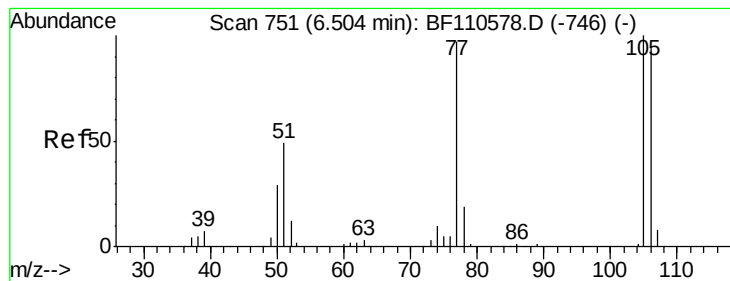
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1







#9

Benzaldehyde

Concen: 24.993 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF110789.D

Acq: 15 Nov 2018 15:38

Instrument :

BNA\_F

ClientSampleId :

SSI-21-TW-2MS

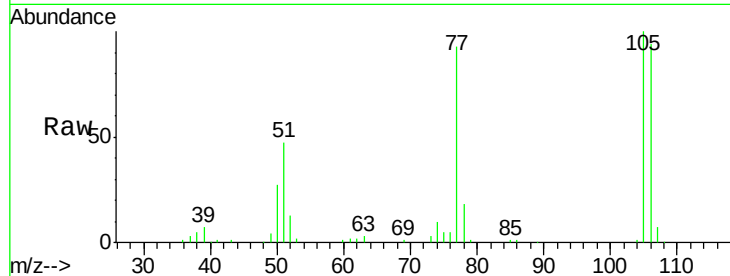
Tgt Ion: 77 Resp: 73808

Ion Ratio Lower Upper

77 100

105 107.9 78.6 118.6

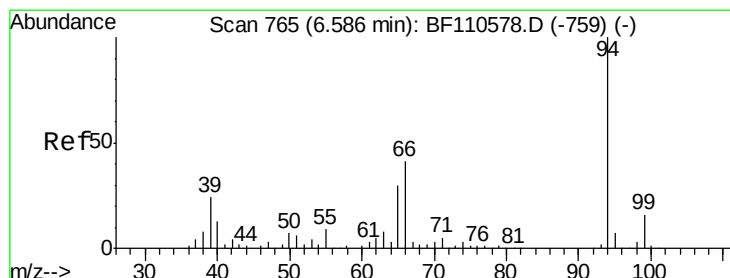
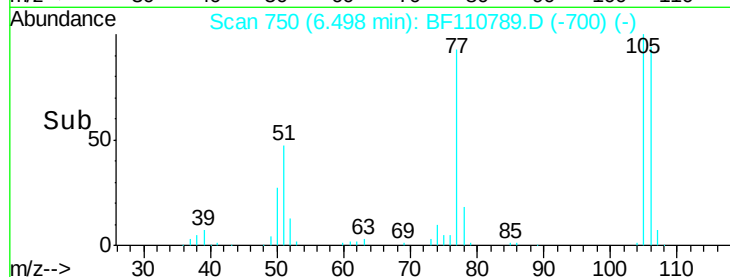
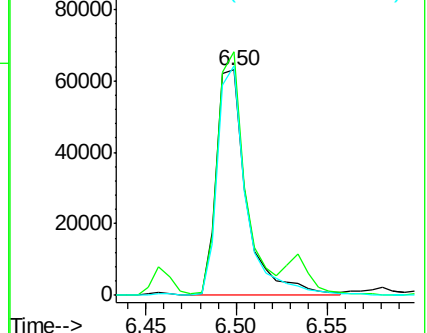
106 101.7 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 31.363 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110789.D

Acq: 15 Nov 2018 15:38

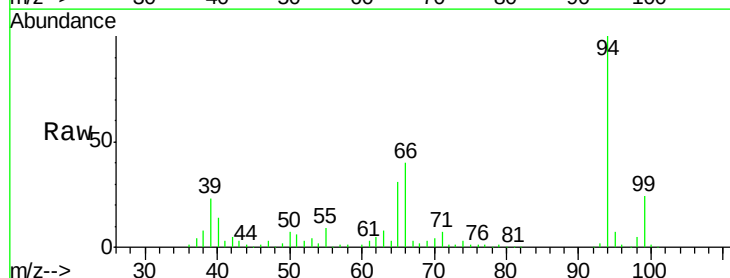
Tgt Ion: 94 Resp: 180799

Ion Ratio Lower Upper

94 100

65 30.7 25.3 65.3

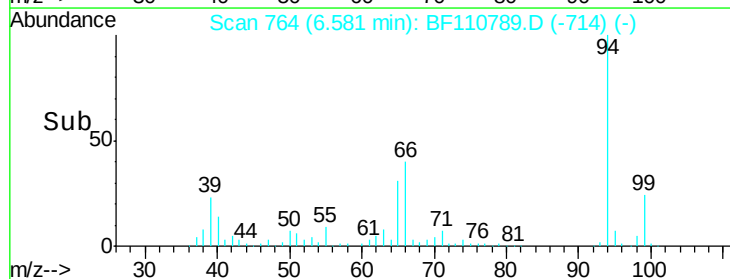
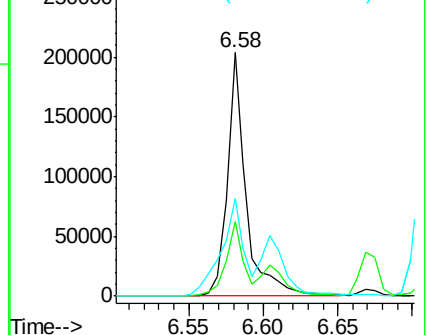
66 40.0 54.5 94.5#



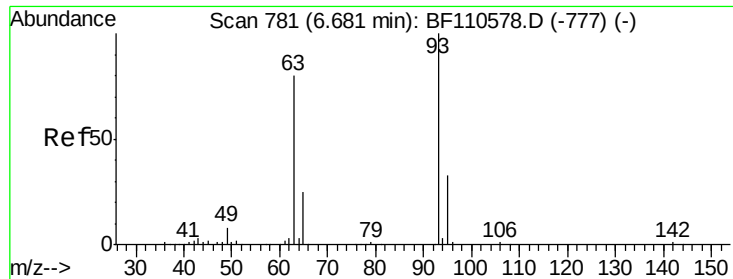
Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



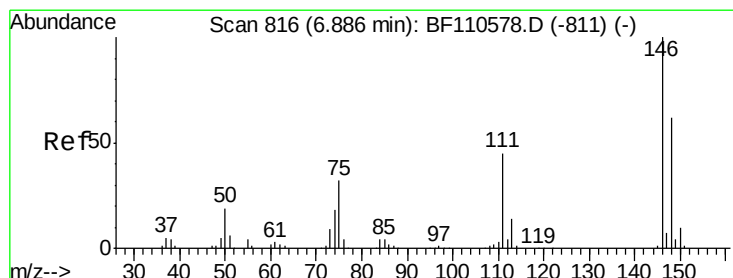
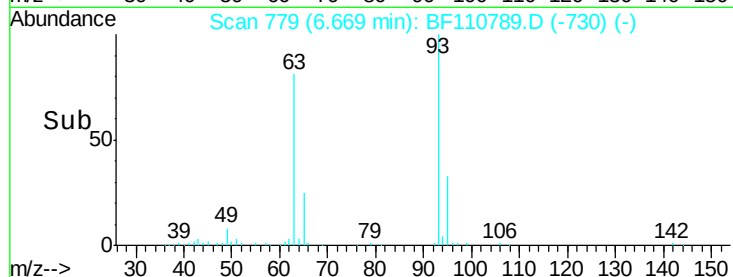
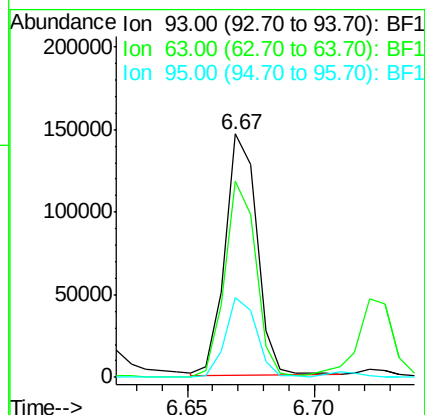
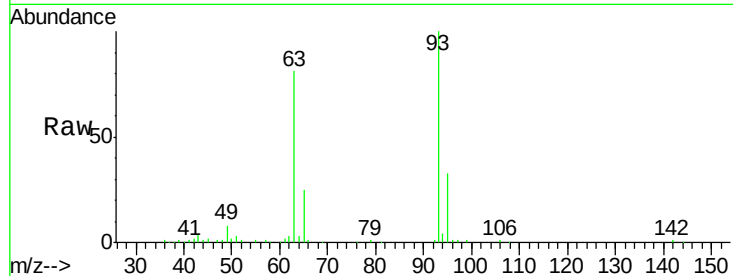




#11  
bis(2-Chloroethyl)ether  
Concen: 29.339 ng  
RT: 6.67 min Scan# 779  
Delta R.T. -0.01 min  
Lab File: BF110789.D  
Acq: 15 Nov 2018 15:38

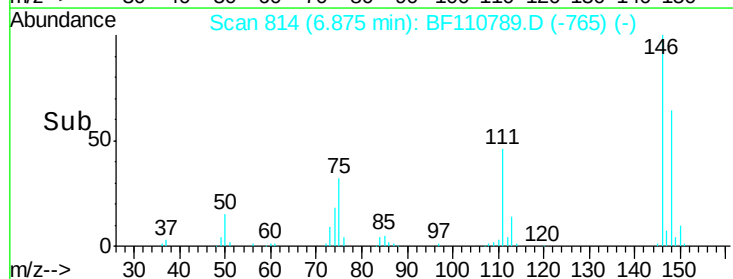
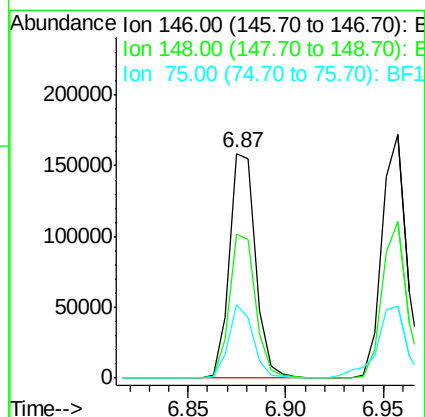
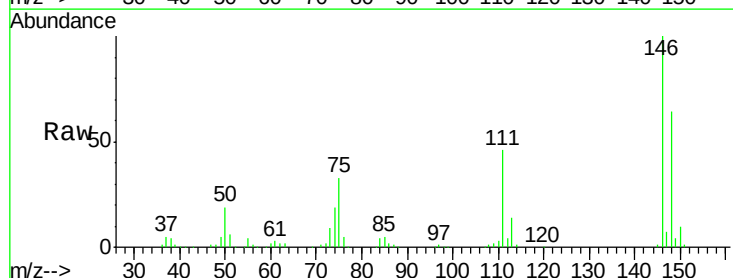
Instrument :  
BNA\_F  
ClientSampleId :  
SSI-21-TW-2MS

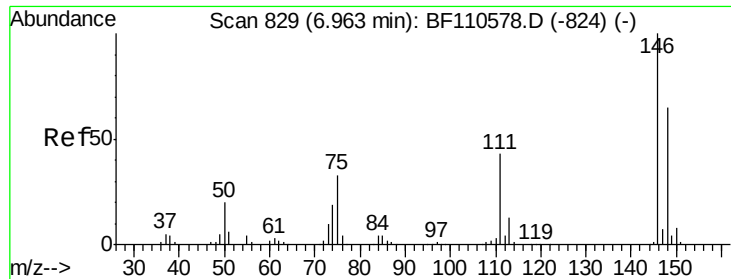
Tgt Ion: 93 Resp: 126753  
Ion Ratio Lower Upper  
93 100  
63 80.7 53.4 93.4  
95 32.9 12.1 52.1



#12  
1,3-Dichlorobenzene  
Concen: 29.735 ng  
RT: 6.87 min Scan# 814  
Delta R.T. -0.01 min  
Lab File: BF110789.D  
Acq: 15 Nov 2018 15:38

Tgt Ion: 146 Resp: 148284  
Ion Ratio Lower Upper  
146 100  
148 63.8 50.4 75.6  
75 32.5 25.8 38.6

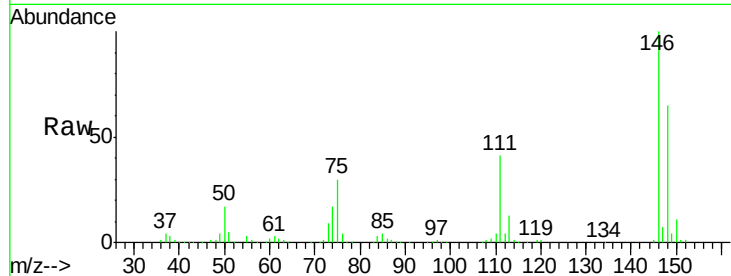




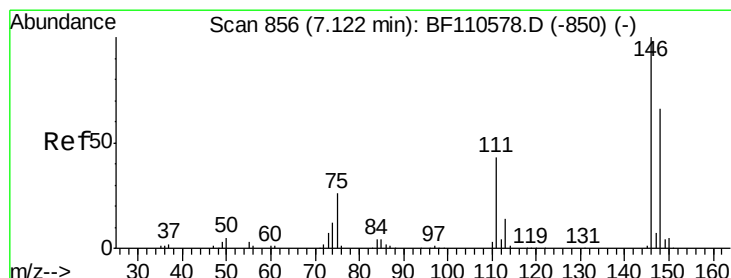
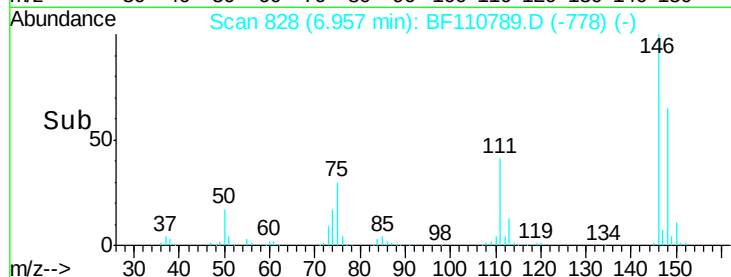
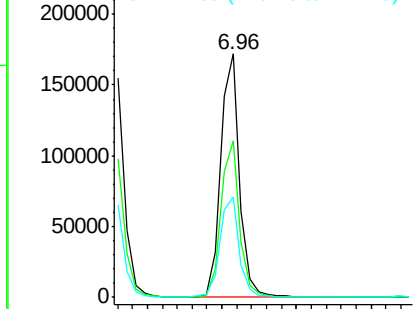
#13  
 1,4-Dichlorobenzene  
 Concen: 30.137 ng  
 RT: 6.96 min Scan# 828  
 Delta R.T. -0.01 min  
 Lab File: BF110789.D  
 Acq: 15 Nov 2018 15:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSI-21-TW-2MS

Tgt Ion:146 Resp: 152610  
 Ion Ratio Lower Upper  
 146 100  
 148 64.5 50.3 75.5  
 111 41.1 32.7 49.1

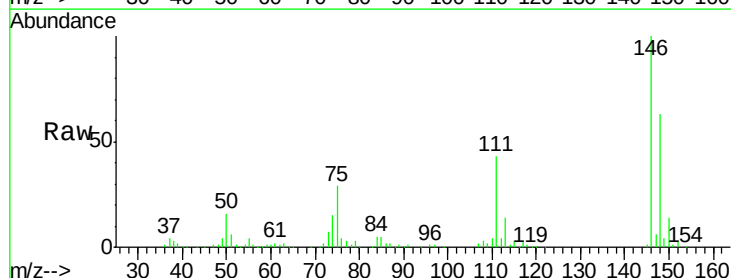


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

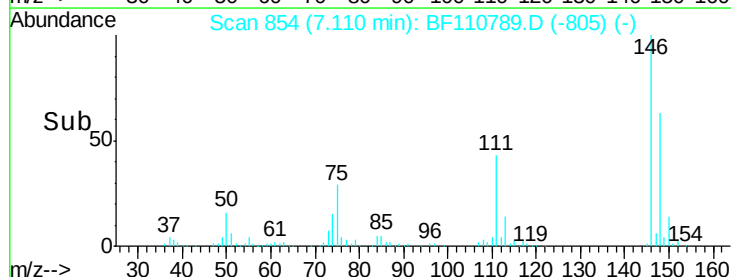
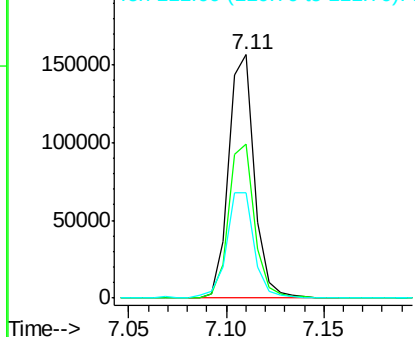


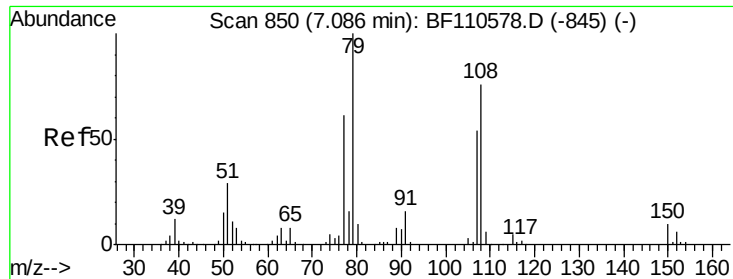
#14  
 1,2-Dichlorobenzene  
 Concen: 30.417 ng  
 RT: 7.11 min Scan# 854  
 Delta R.T. -0.01 min  
 Lab File: BF110789.D  
 Acq: 15 Nov 2018 15:38

Tgt Ion:146 Resp: 143291  
 Ion Ratio Lower Upper  
 146 100  
 148 63.3 51.1 76.7  
 111 43.1 35.8 53.6



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

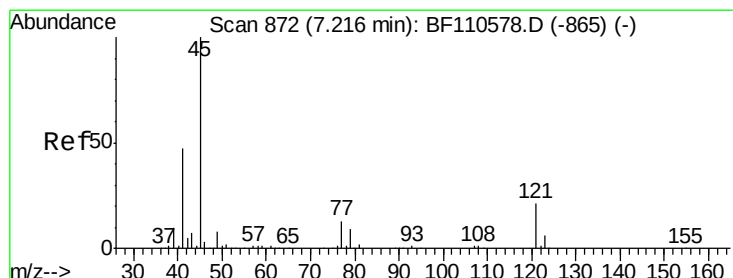
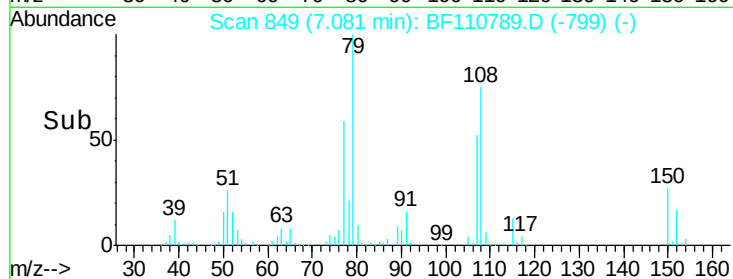
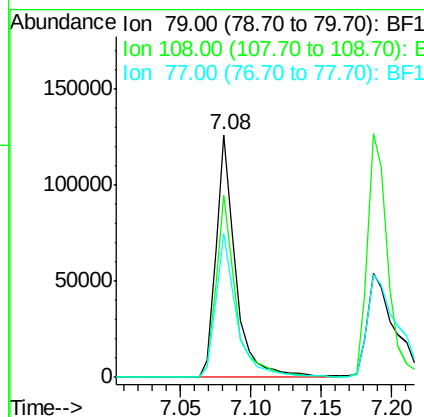
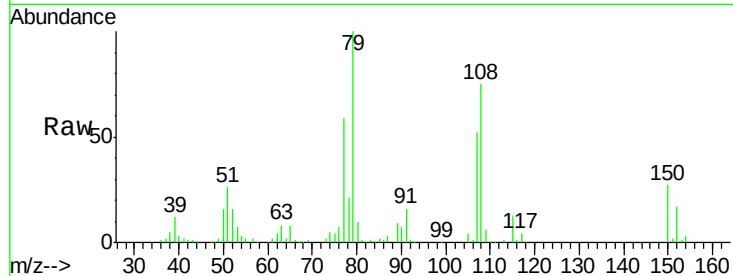




#15  
Benzyl Alcohol  
Concen: 31.275 ng  
RT: 7.08 min Scan# 849  
Delta R.T. -0.01 min  
Lab File: BF110789.D  
Acq: 15 Nov 2018 15:38

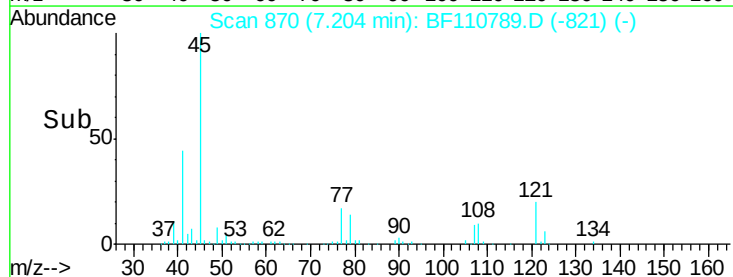
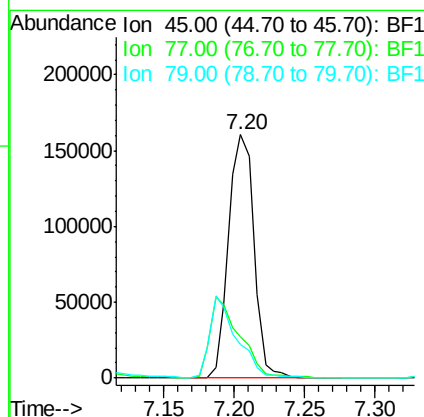
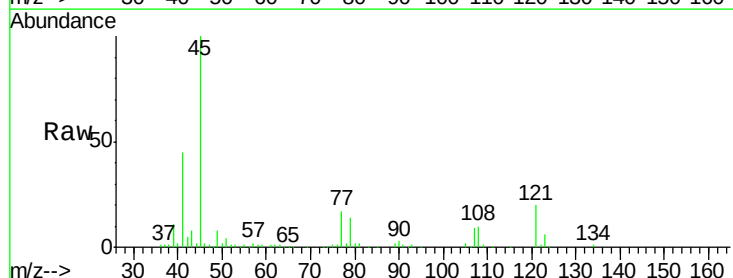
Instrument :  
BNA\_F  
ClientSampleId :  
SSI-21-TW-2MS

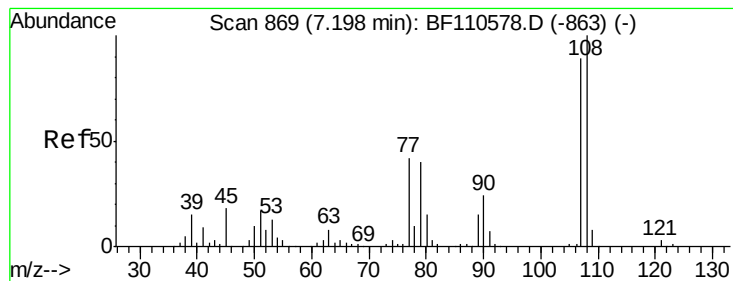
Tgt Ion: 79 Resp: 121678  
Ion Ratio Lower Upper  
79 100  
108 75.2 56.3 84.5  
77 59.3 52.9 79.3



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 29.805 ng  
RT: 7.20 min Scan# 870  
Delta R.T. -0.01 min  
Lab File: BF110789.D  
Acq: 15 Nov 2018 15:38

Tgt Ion: 45 Resp: 202220  
Ion Ratio Lower Upper  
45 100  
77 16.8 10.0 50.0  
79 13.7 6.1 46.1

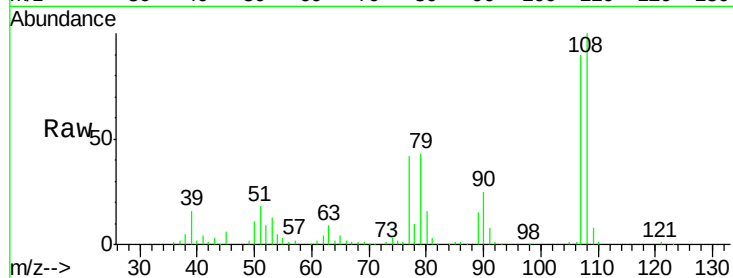




#17  
2-Methylphenol  
Concen: 31.447 ng  
RT: 7.19 min Scan# 867  
Delta R.T. -0.01 min  
Lab File: BF110789.D  
Acq: 15 Nov 2018 15:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSI-21-TW-2MS

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 110.5 | 92.6 | 138.8 |       |
| 77      | 46.9  | 59.4 | 89.2# |       |
| 79      | 47.3  | 54.0 | 81.0# |       |



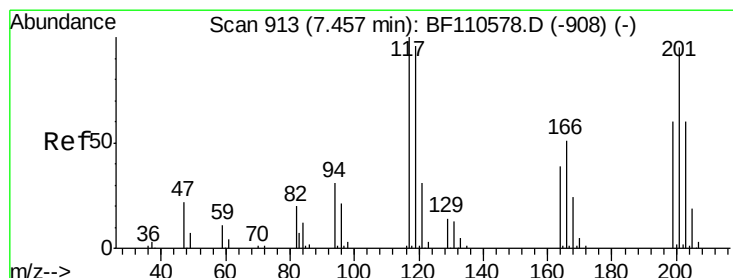
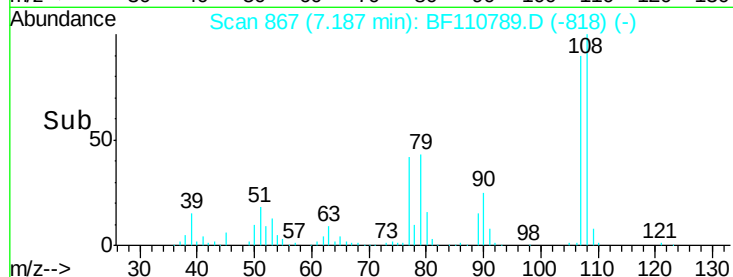
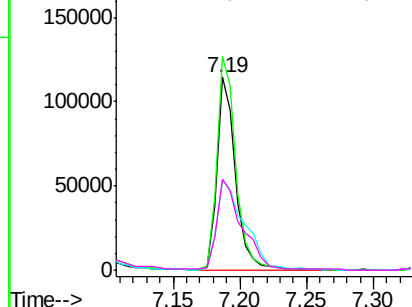
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

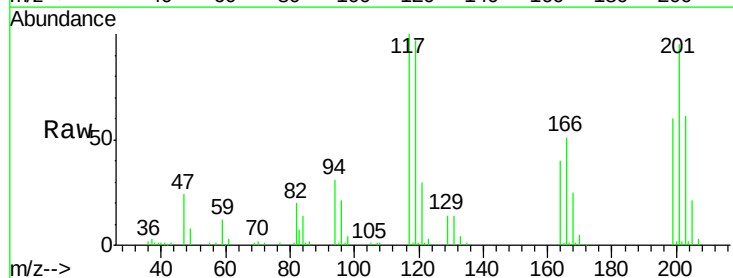
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18  
Hexachloroethane  
Concen: 30.178 ng  
RT: 7.45 min Scan# 911  
Delta R.T. -0.01 min  
Lab File: BF110789.D  
Acq: 15 Nov 2018 15:38

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 96.8  | 75.0 | 112.6 |       |
| 201     | 95.2  | 79.2 | 118.8 |       |

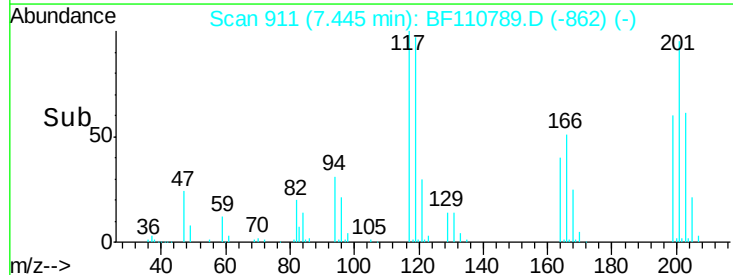
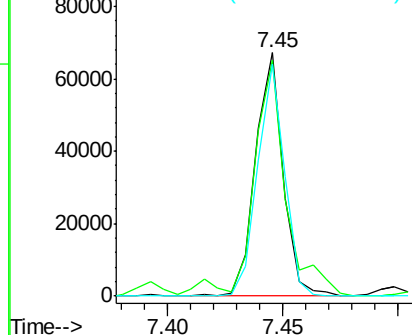


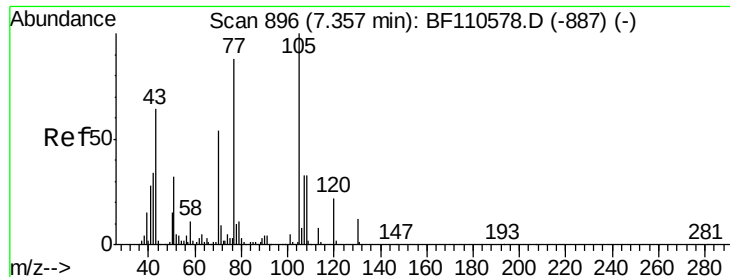
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

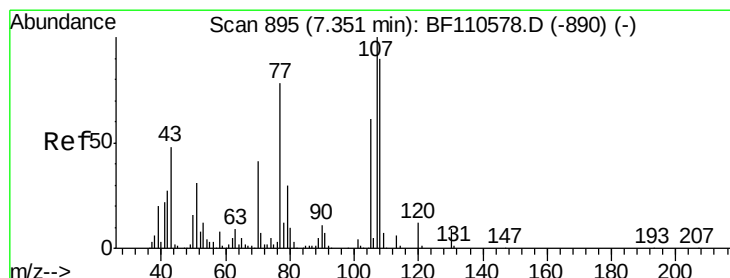
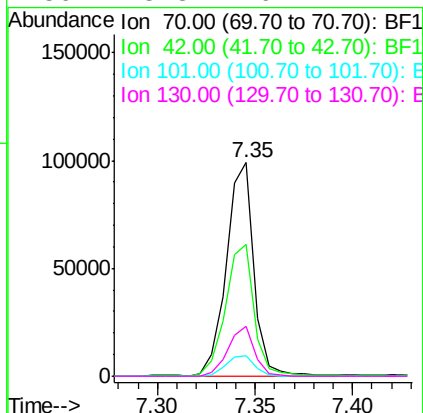
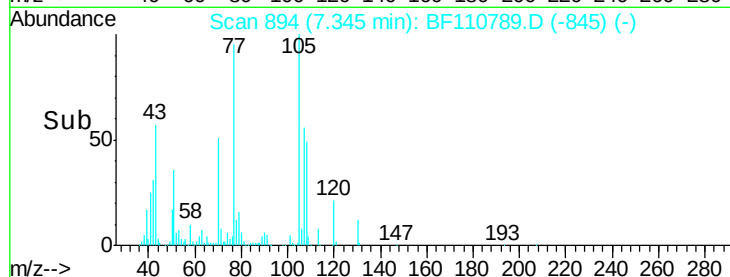
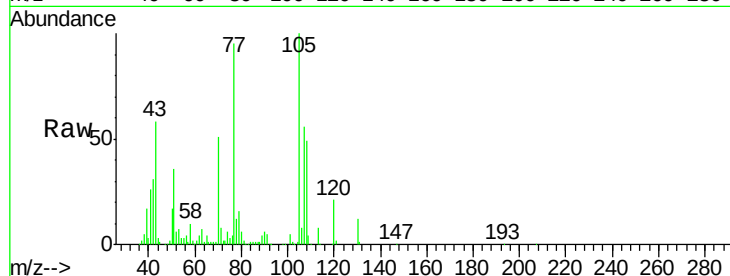




#19  
n-Nitroso-di-n-propylamine  
Concen: 30.408 ng  
RT: 7.35 min Scan# 894  
Delta R.T. -0.01 min  
Lab File: BF110789.D  
Acq: 15 Nov 2018 15:38

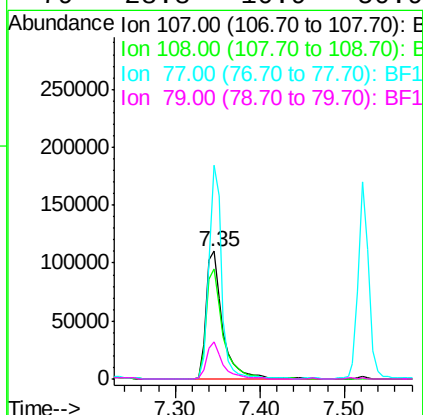
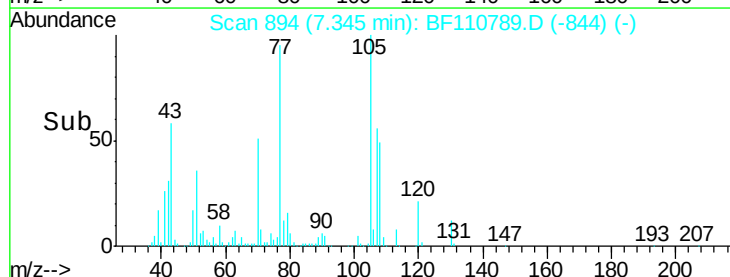
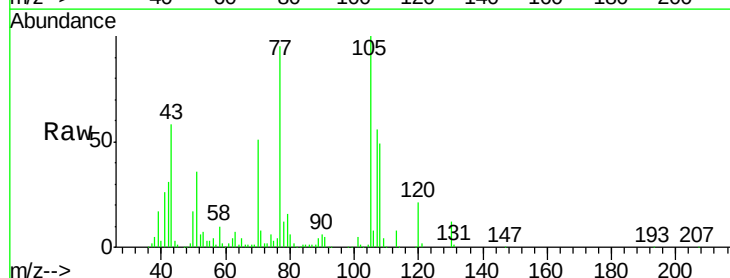
Instrument :  
BNA\_F  
ClientSampleId :  
SSI-21-TW-2MS

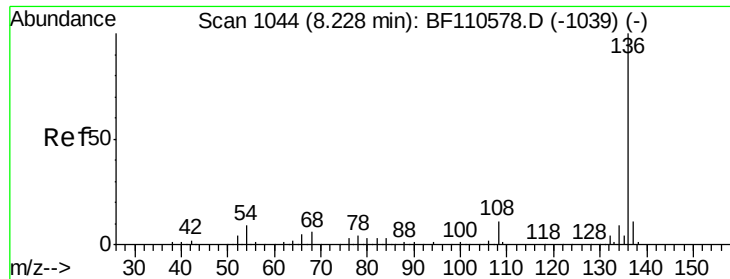
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 96501 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 61.5  | 47.4  | 71.2  |
| 101      | 9.5   | 7.3   | 10.9  |
| 130      | 23.3  | 16.2  | 24.2  |



#20  
3+4-Methylphenols  
Concen: 32.304 ng  
RT: 7.35 min Scan# 894  
Delta R.T. -0.01 min  
Lab File: BF110789.D  
Acq: 15 Nov 2018 15:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 150420 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 86.7  | 71.4  | 111.4  |
| 77       | 167.6 | 47.3  | 87.3#  |
| 79       | 28.8  | 10.9  | 50.9   |

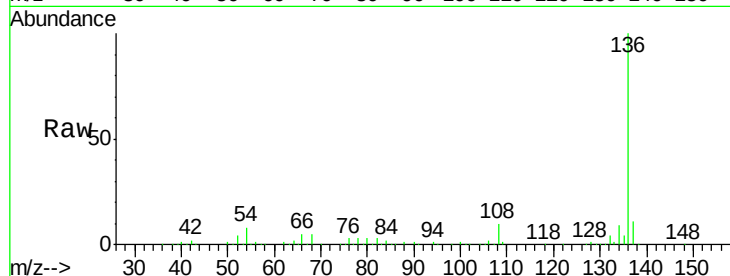




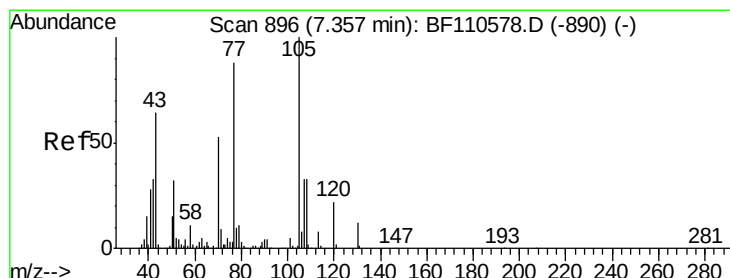
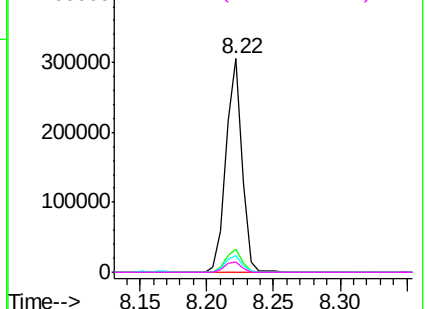
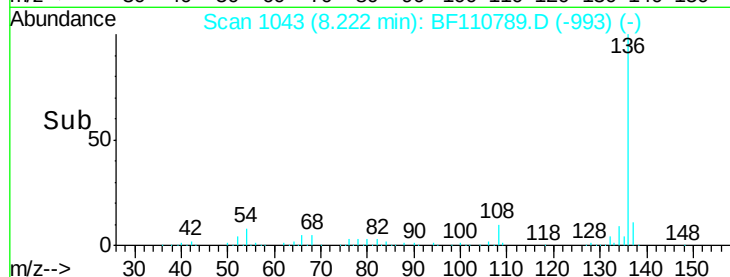
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.22 min Scan# 1043  
Delta R.T. -0.01 min  
Lab File: BF110789.D  
Acq: 15 Nov 2018 15:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSI-21-TW-2MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 260530 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.5  | 8.8   | 13.2   |
| 54       | 7.7   | 5.4   | 8.2    |
| 68       | 4.9   | 4.2   | 6.2    |

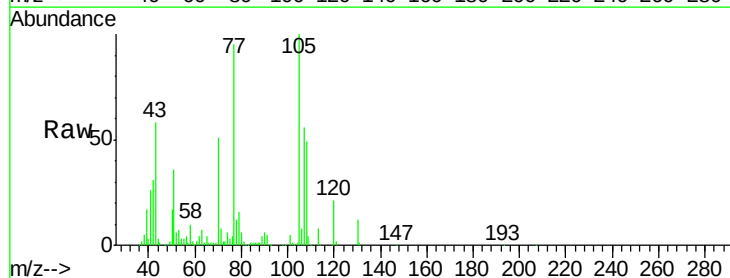


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

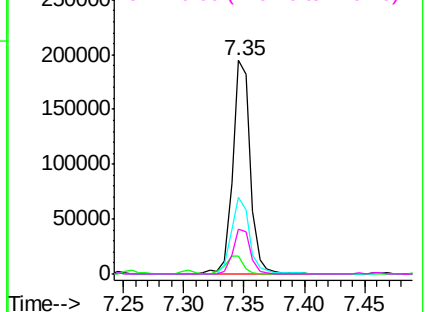
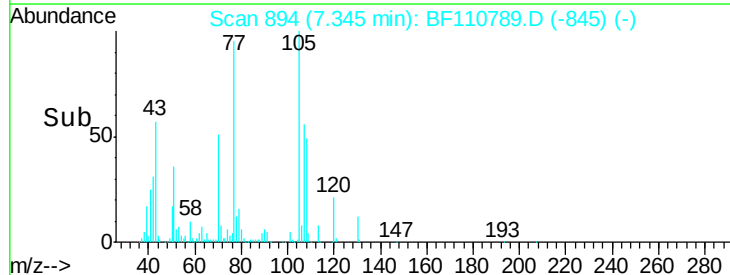


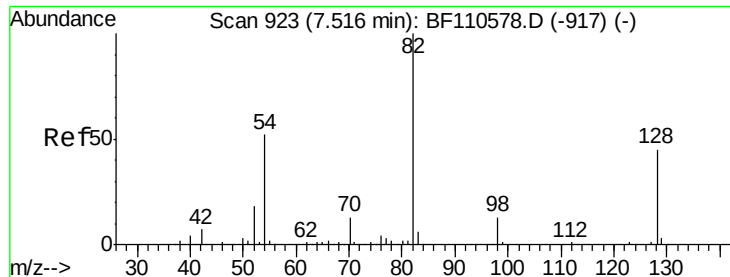
#22  
Acetophenone  
Concen: 32.635 ng  
RT: 7.35 min Scan# 894  
Delta R.T. -0.01 min  
Lab File: BF110789.D  
Acq: 15 Nov 2018 15:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 198152 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 8.3   | 5.2   | 7.8#   |
| 51       | 35.7  | 21.8  | 32.8#  |
| 120      | 21.1  | 17.0  | 25.4   |



Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BF1  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 120.00 (119.70 to 120.70): E

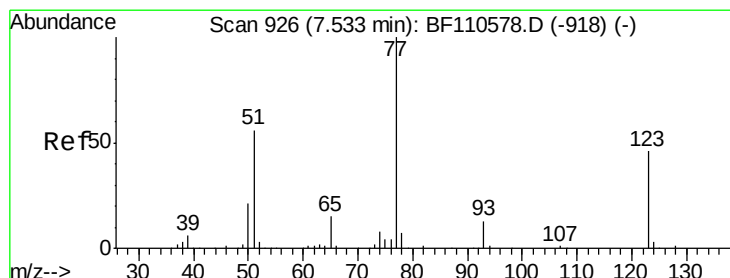
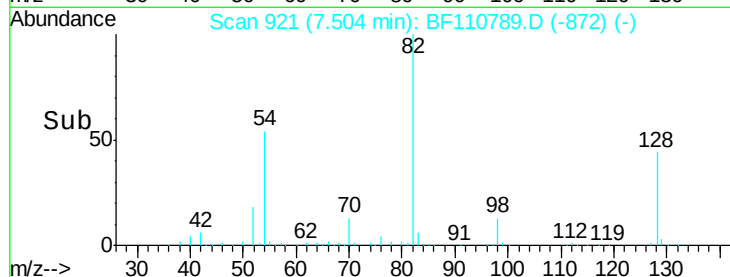
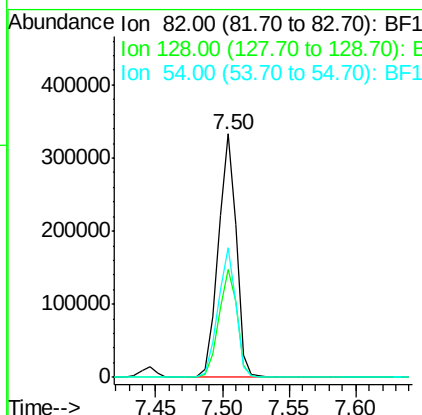
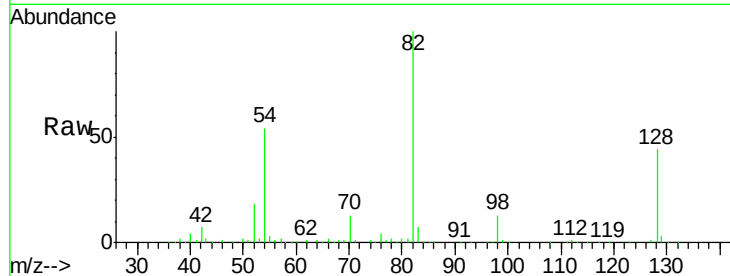




#23  
 Nitrobenzene-d5  
 Concen: 70.341 ng  
 RT: 7.50 min Scan# 921  
 Delta R.T. -0.01 min  
 Lab File: BF110789.D  
 Acq: 15 Nov 2018 15:38

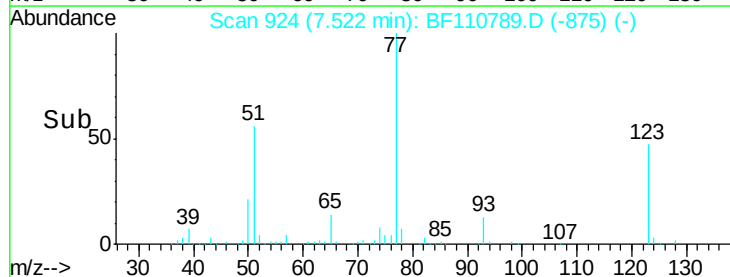
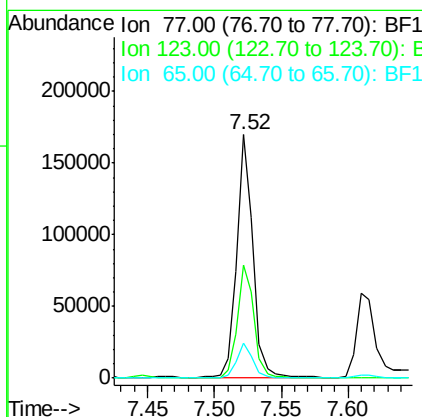
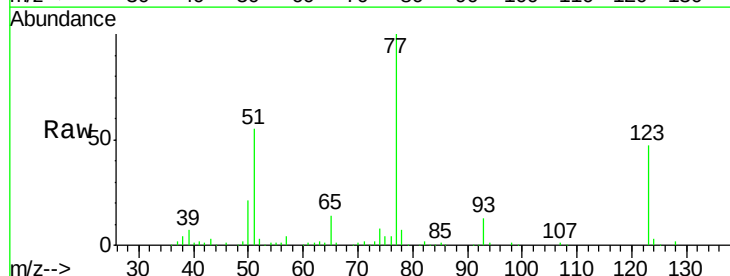
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSI-21-TW-2MS

Tgt Ion: 82 Resp: 318216  
 Ion Ratio Lower Upper  
 82 100  
 128 44.4 34.2 51.2  
 54 53.5 38.6 58.0

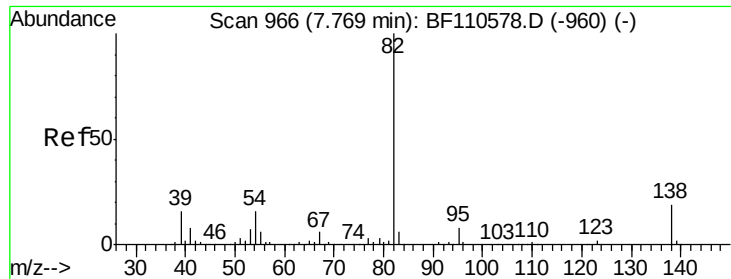


#24  
 Nitrobenzene  
 Concen: 31.622 ng  
 RT: 7.52 min Scan# 924  
 Delta R.T. -0.01 min  
 Lab File: BF110789.D  
 Acq: 15 Nov 2018 15:38

Tgt Ion: 77 Resp: 146569  
 Ion Ratio Lower Upper  
 77 100  
 123 46.7 35.7 53.5  
 65 14.1 10.7 16.1







#25

Isophorone

Concen: 35.092 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF110789.D

Acq: 15 Nov 2018 15:38

Instrument :

BNA\_F

ClientSampleId :

SSI-21-TW-2MS

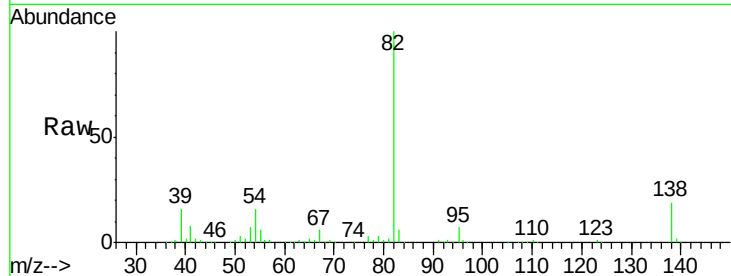
Tgt Ion: 82 Resp: 260199

Ion Ratio Lower Upper

82 100

95 7.4 5.7 8.5

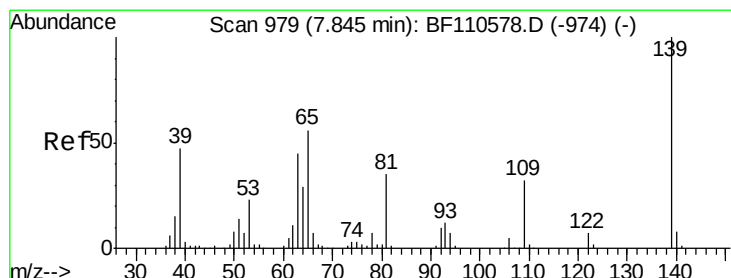
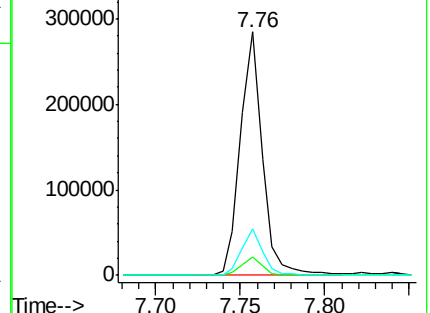
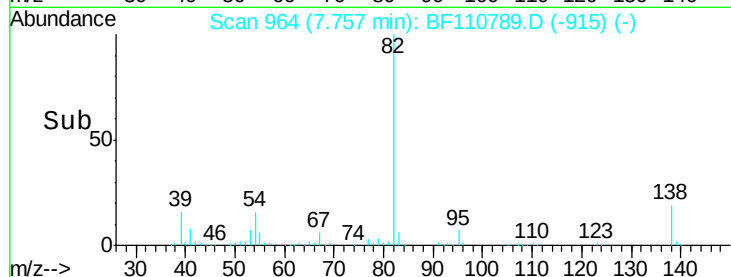
138 18.9 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 32.273 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.01 min

Lab File: BF110789.D

Acq: 15 Nov 2018 15:38

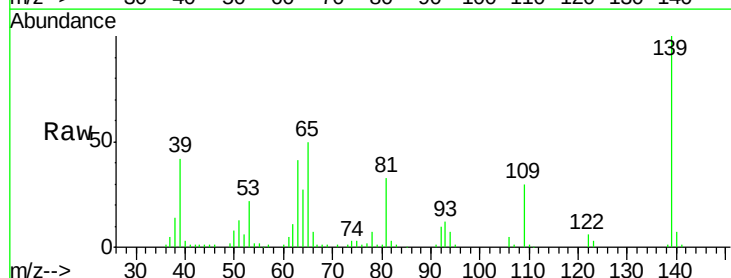
Tgt Ion: 139 Resp: 74624

Ion Ratio Lower Upper

139 100

109 29.8 25.0 37.6

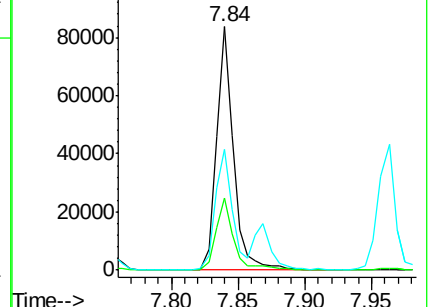
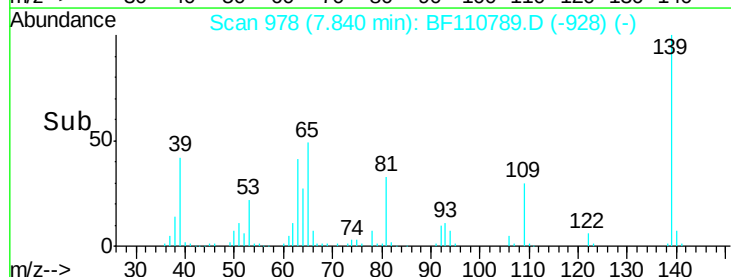
65 49.7 44.0 66.0

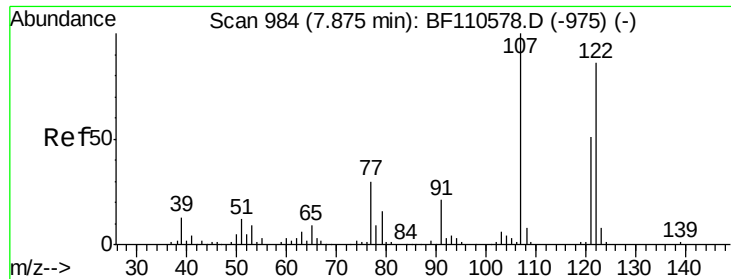


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

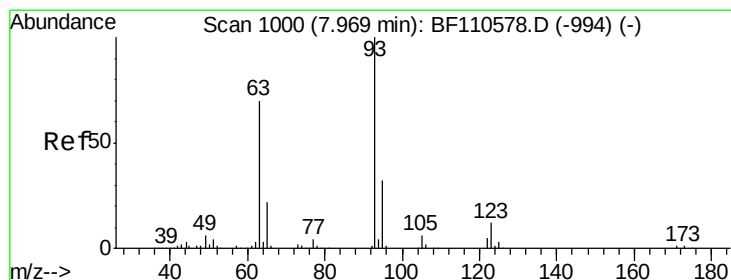
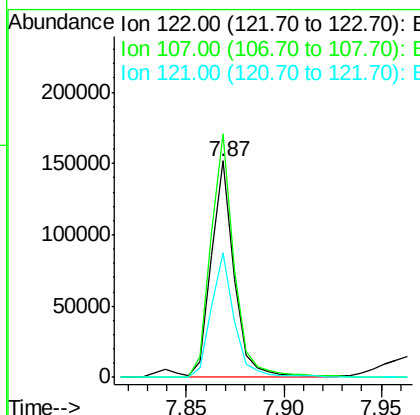
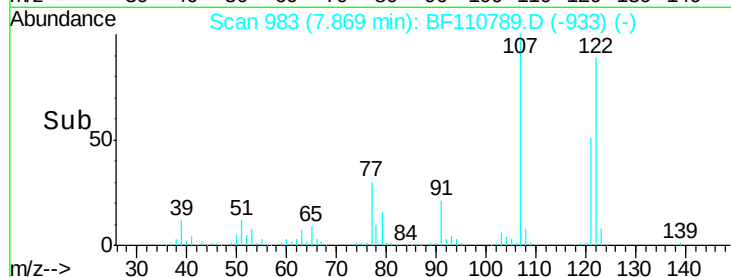
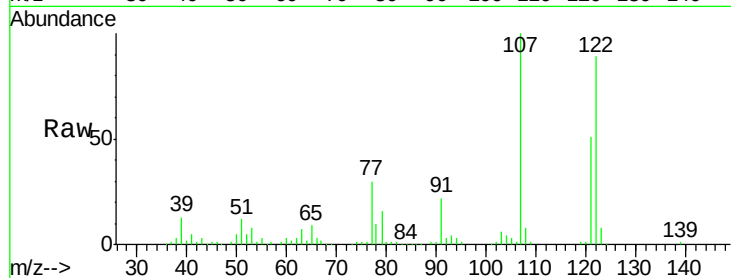




#27  
 2,4-Dimethylphenol  
 Concen: 35.295 ng  
 RT: 7.87 min Scan# 983  
 Delta R.T. -0.01 min  
 Lab File: BF110789.D  
 Acq: 15 Nov 2018 15:38

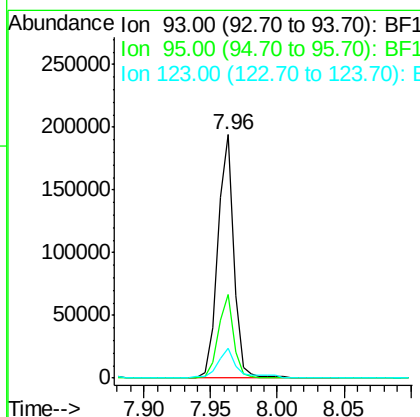
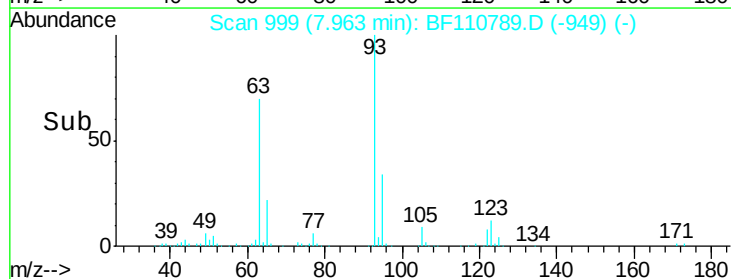
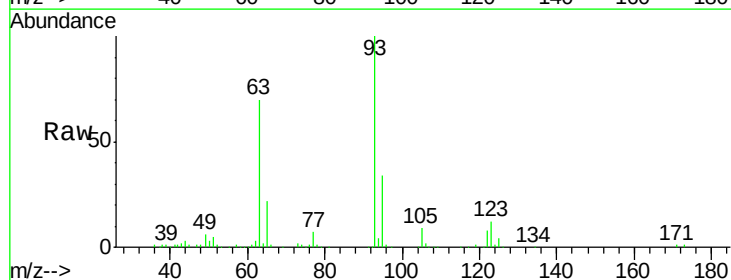
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSI-21-TW-2MS

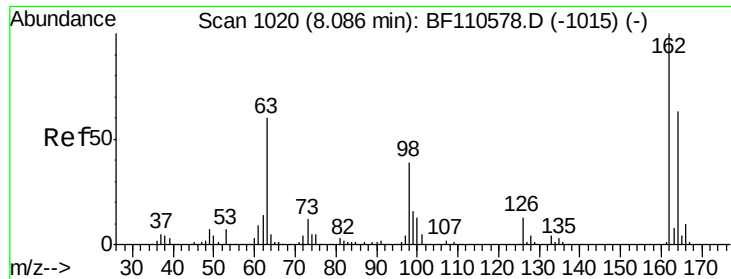
Tgt Ion: 122 Resp: 124291  
 Ion Ratio Lower Upper  
 122 100  
 107 112.4 92.5 138.7  
 121 57.5 45.8 68.8



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 32.807 ng  
 RT: 7.96 min Scan# 999  
 Delta R.T. -0.01 min  
 Lab File: BF110789.D  
 Acq: 15 Nov 2018 15:38

Tgt Ion: 93 Resp: 164702  
 Ion Ratio Lower Upper  
 93 100  
 95 34.3 26.4 39.6  
 123 12.4 9.0 13.6

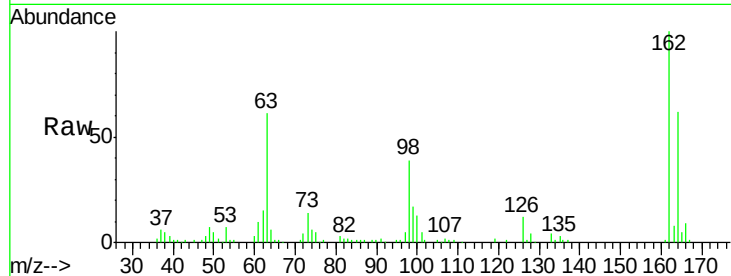




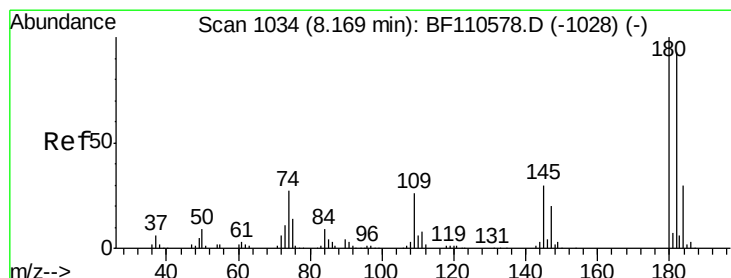
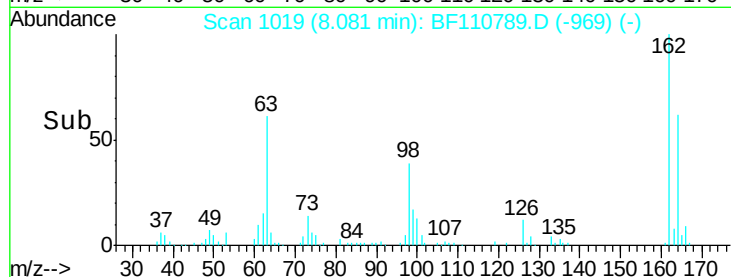
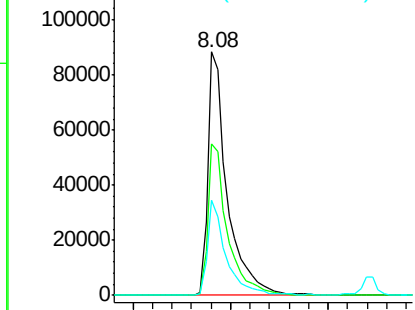
#29  
 2,4-Dichlorophenol  
 Concen: 33.454 ng  
 RT: 8.08 min Scan# 1019  
 Delta R.T. -0.01 min  
 Lab File: BF110789.D  
 Acq: 15 Nov 2018 15:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSI-21-TW-2MS

Tgt Ion:162 Resp: 121220  
 Ion Ratio Lower Upper  
 162 100  
 164 62.2 44.6 84.6  
 98 38.9 17.4 57.4

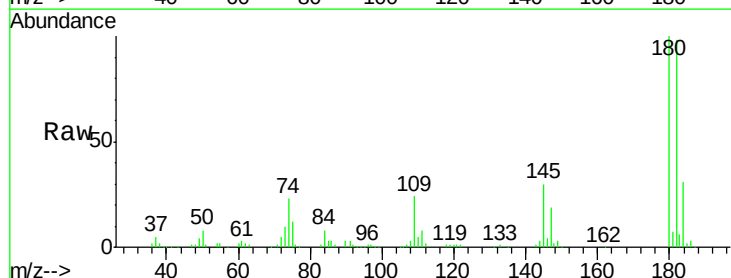


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF1

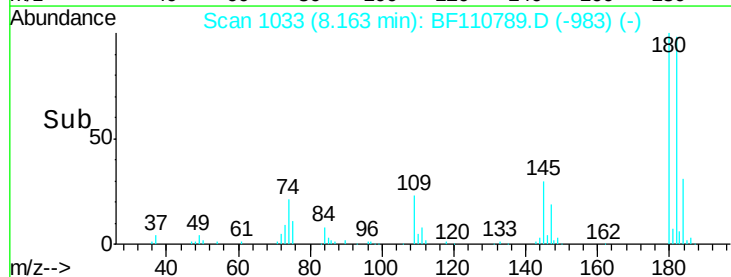
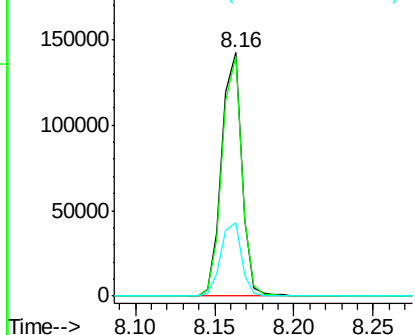


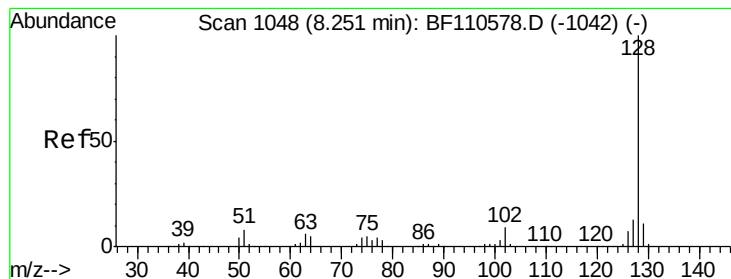
#30  
 1,2,4-Trichlorobenzene  
 Concen: 30.828 ng  
 RT: 8.16 min Scan# 1033  
 Delta R.T. -0.01 min  
 Lab File: BF110789.D  
 Acq: 15 Nov 2018 15:38

Tgt Ion:180 Resp: 125947  
 Ion Ratio Lower Upper  
 180 100  
 182 98.4 80.3 120.5  
 145 30.3 25.4 38.0



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





#31

Naphthalene

Concen: 36.897 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF110789.D

Acq: 15 Nov 2018 15:38

Instrument :

BNA\_F

ClientSampleId :

SSI-21-TW-2MS

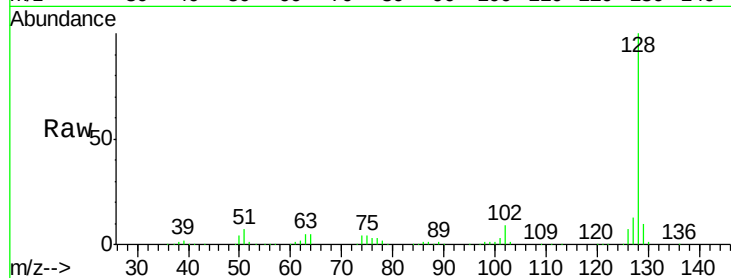
Tgt Ion:128 Resp: 451272

Ion Ratio Lower Upper

128 100

129 10.5 8.8 13.2

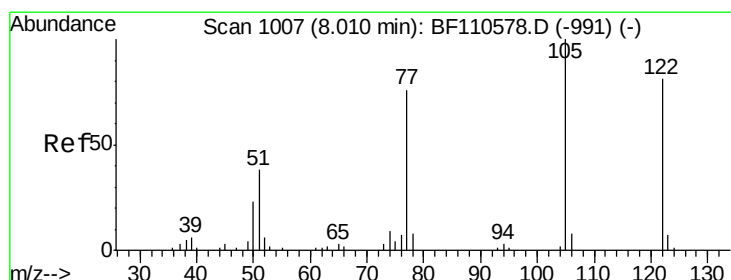
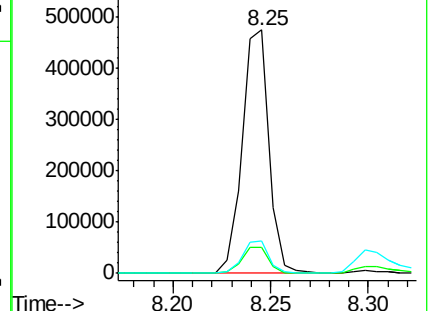
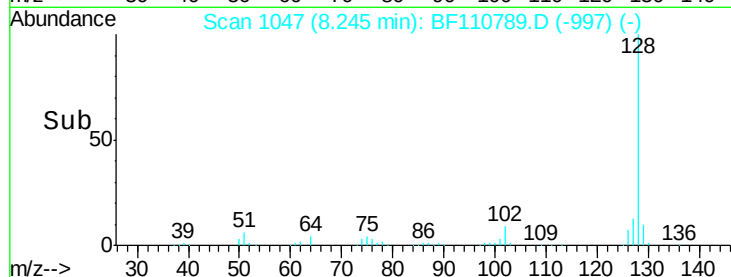
127 13.2 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.691 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF110789.D

Acq: 15 Nov 2018 15:38

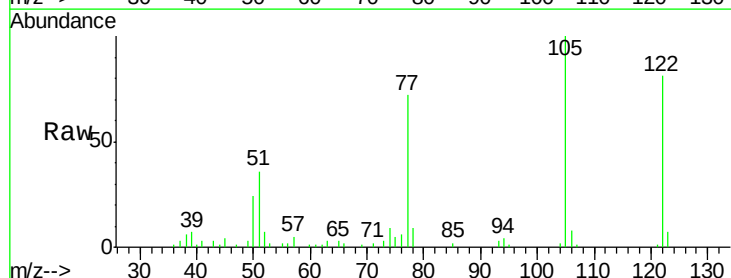
Tgt Ion:122 Resp: 83946

Ion Ratio Lower Upper

122 100

105 123.9 109.0 149.0

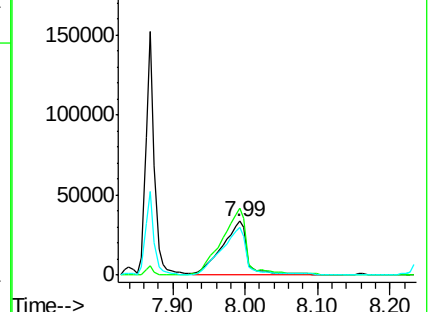
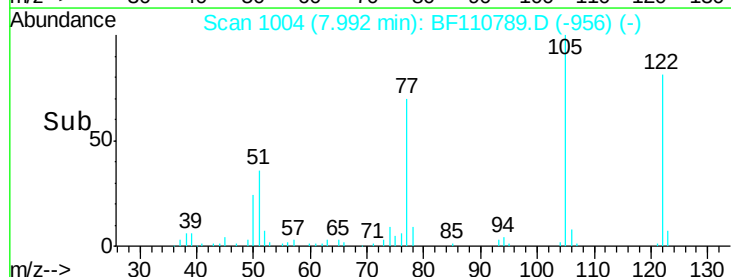
77 88.8 79.0 119.0

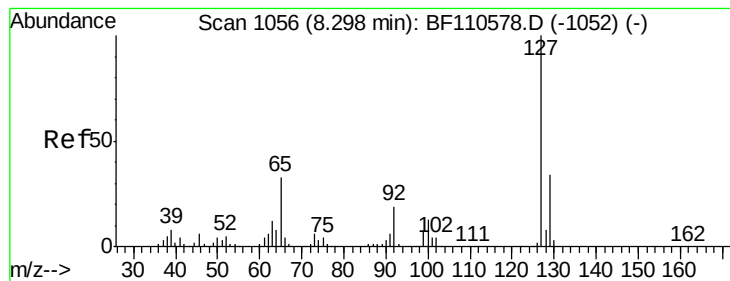


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 12.306 ng

RT: 8.30 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BF110789.D

Acq: 15 Nov 2018 15:38

Instrument :

BNA\_F

ClientSampleId :

SSI-21-TW-2MS

Tgt Ion:127 Resp: 68176

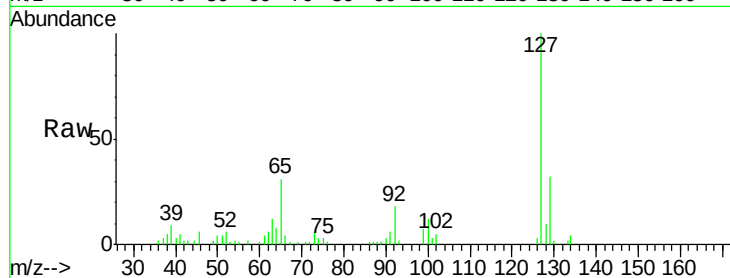
Ion Ratio Lower Upper

127 100

129 31.6 26.0 39.0

65 31.5 25.1 37.7

92 18.3 15.0 22.6

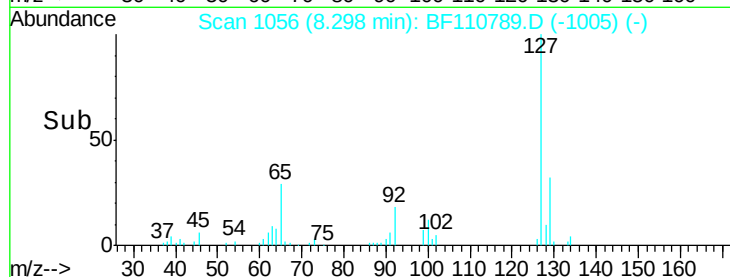


Abundance Ion 127.00 (126.70 to 127.70): E

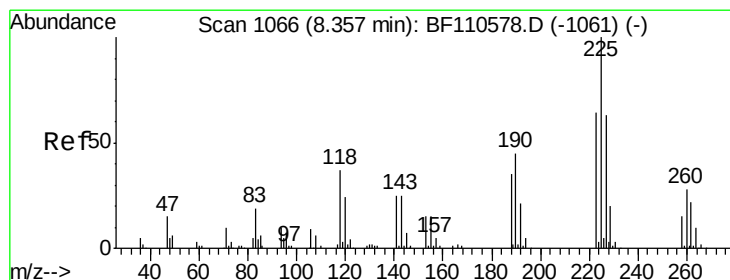
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



Time-->



#34

Hexachlorobutadiene

Concen: 29.715 ng

RT: 8.35 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF110789.D

Acq: 15 Nov 2018 15:38

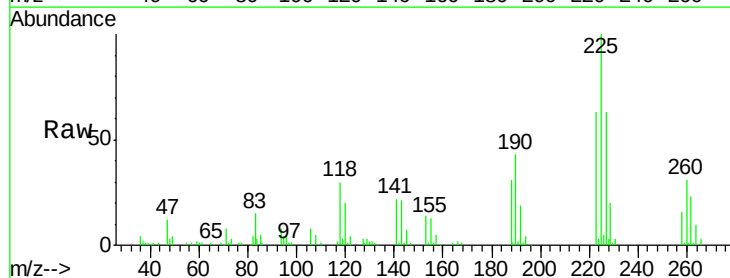
Tgt Ion:225 Resp: 69341

Ion Ratio Lower Upper

225 100

223 63.1 51.4 77.2

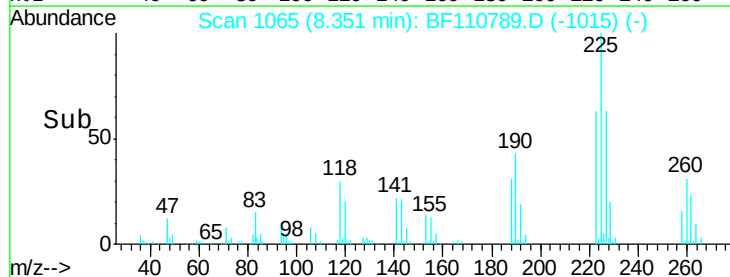
227 63.0 51.0 76.6



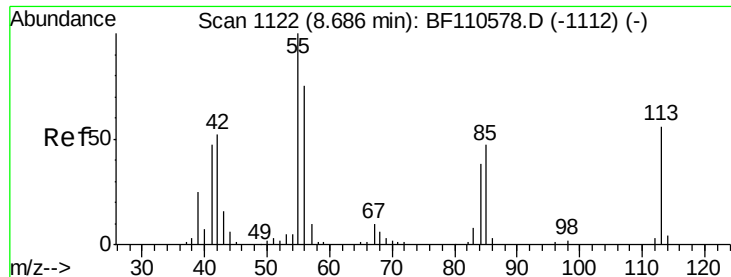
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



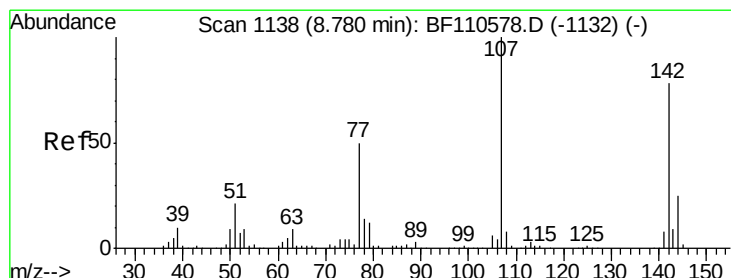
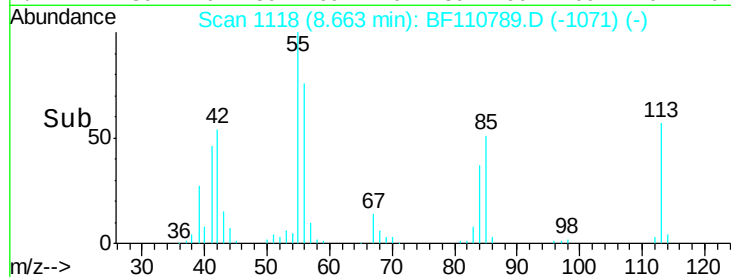
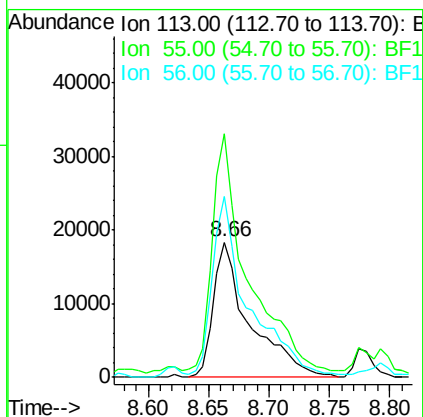
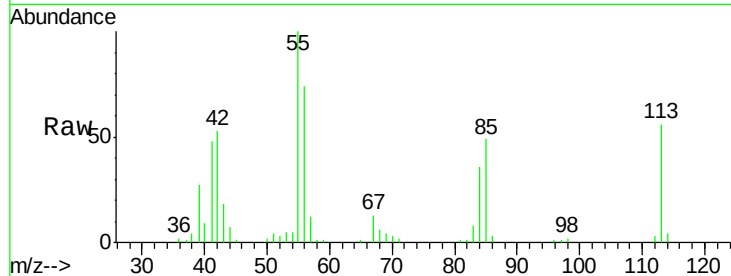
Time-->



#35  
 Caprolactam  
 Concen: 31.442 ng  
 RT: 8.66 min Scan# 1118  
 Delta R.T. -0.02 min  
 Lab File: BF110789.D  
 Acq: 15 Nov 2018 15:38

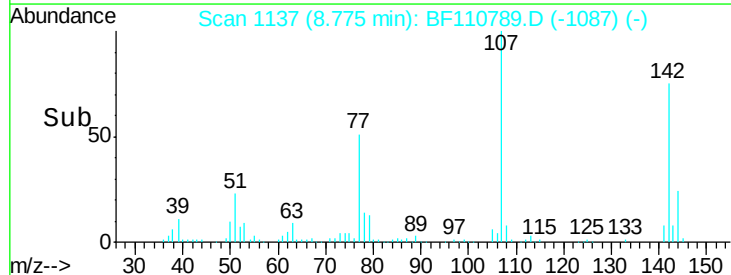
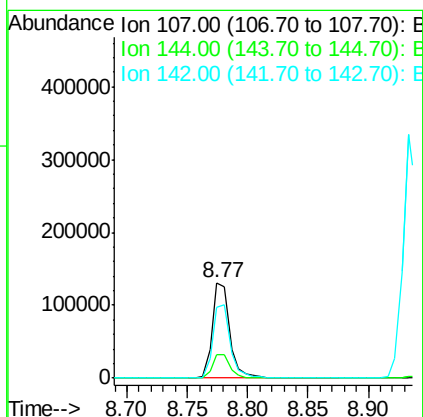
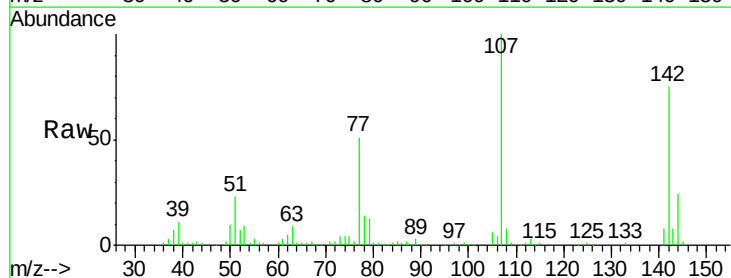
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSI-21-TW-2MS

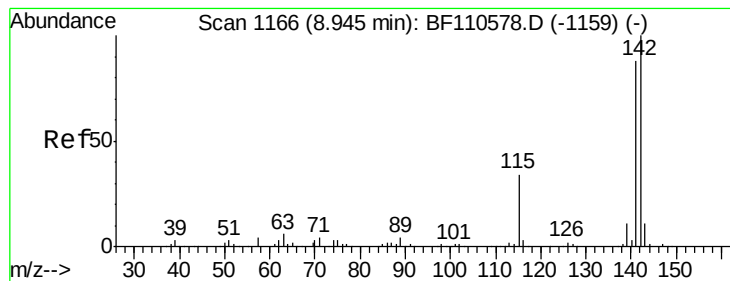
Tgt Ion:113 Resp: 38064  
 Ion Ratio Lower Upper  
 113 100  
 55 180.1 142.8 182.8  
 56 134.0 105.0 145.0



#36  
 4-Chloro-3-methylphenol  
 Concen: 33.259 ng  
 RT: 8.77 min Scan# 1137  
 Delta R.T. -0.01 min  
 Lab File: BF110789.D  
 Acq: 15 Nov 2018 15:38

Tgt Ion:107 Resp: 129973  
 Ion Ratio Lower Upper  
 107 100  
 144 24.3 20.0 30.0  
 142 74.7 59.7 89.5





#37

2-Methylnaphthalene

Concen: 36.471 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF110789.D

Acq: 15 Nov 2018 15:38

Instrument :

BNA\_F

ClientSampleId :

SSI-21-TW-2MS

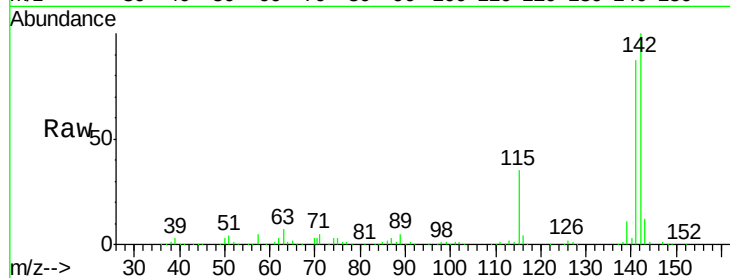
Tgt Ion:142 Resp: 292416

Ion Ratio Lower Upper

142 100

141 87.4 71.4 107.2

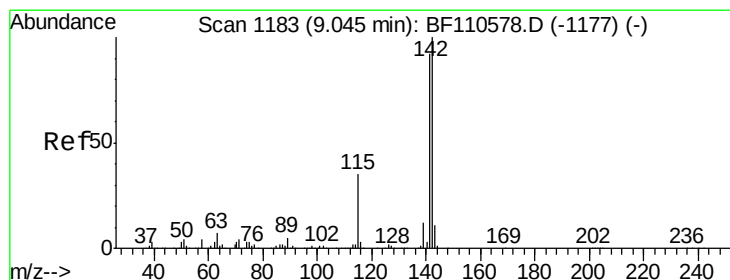
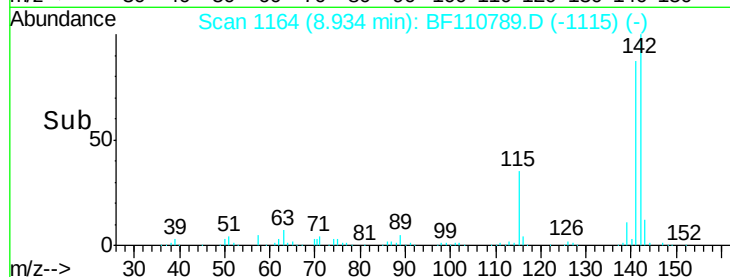
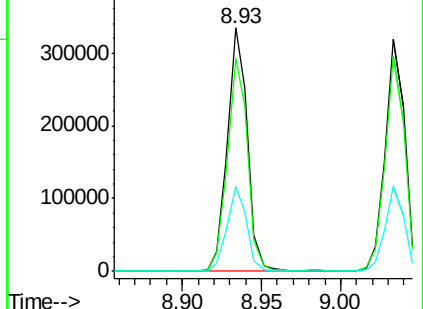
115 35.0 28.7 43.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 35.740 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF110789.D

Acq: 15 Nov 2018 15:38

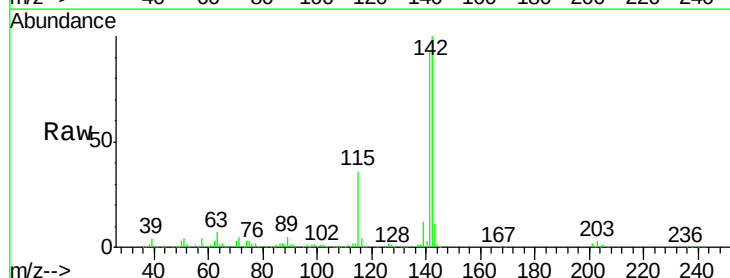
Tgt Ion:142 Resp: 275580

Ion Ratio Lower Upper

142 100

141 92.7 74.2 111.4

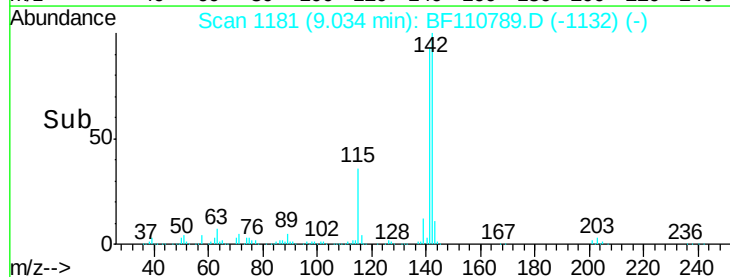
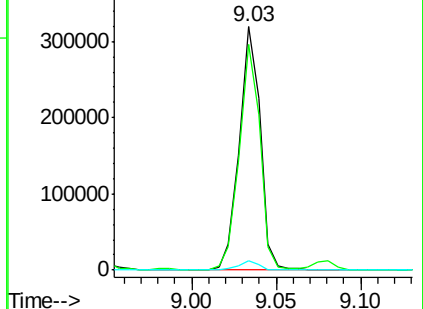
116 3.7 2.6 4.0

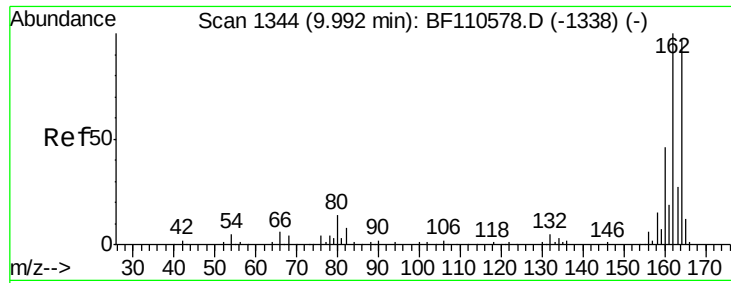


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

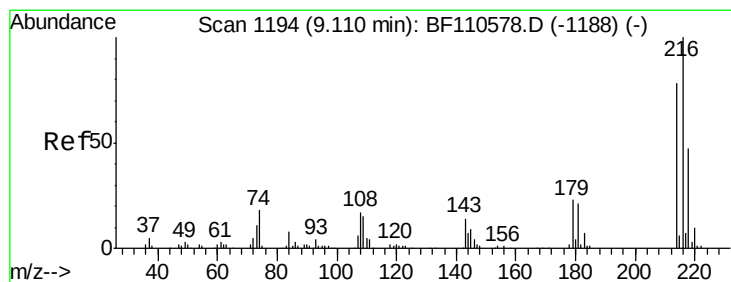
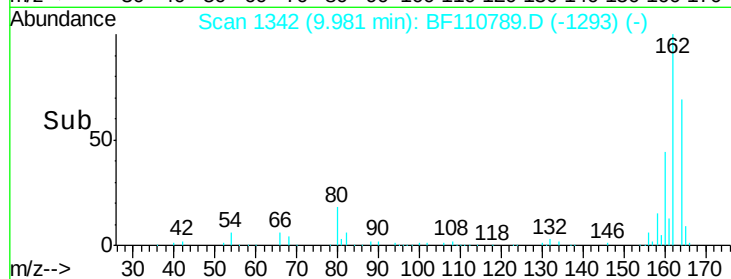
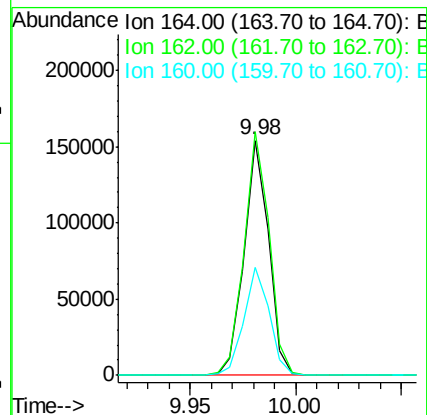
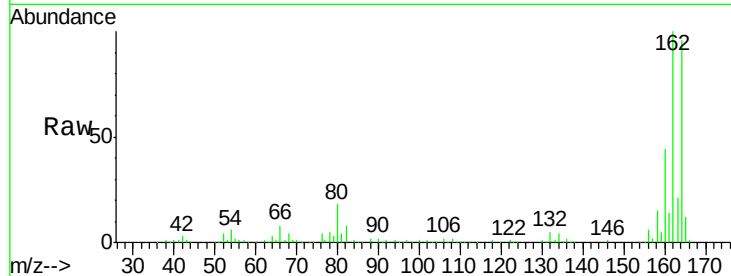




#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.98 min Scan# 1342  
 Delta R.T. -0.01 min  
 Lab File: BF110789.D  
 Acq: 15 Nov 2018 15:38

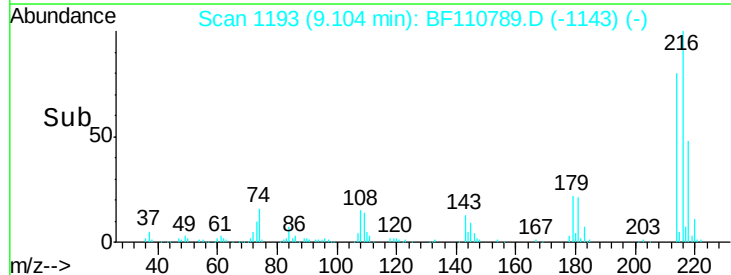
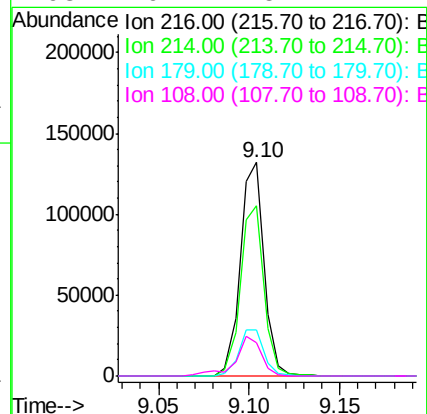
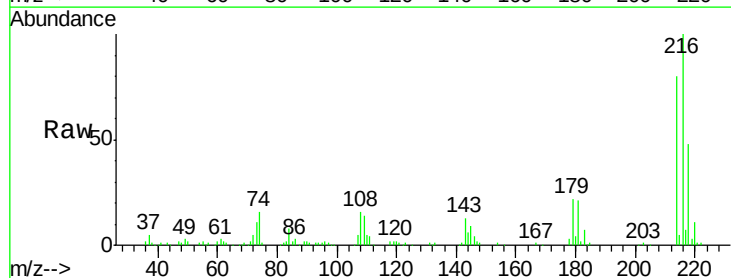
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSI-21-TW-2MS

Tgt Ion:164 Resp: 123350  
 Ion Ratio Lower Upper  
 164 100  
 162 103.7 83.0 124.6  
 160 46.0 37.0 55.6

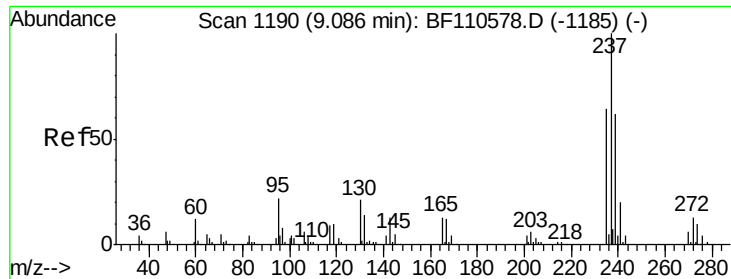


#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 30.844 ng  
 RT: 9.10 min Scan# 1193  
 Delta R.T. -0.01 min  
 Lab File: BF110789.D  
 Acq: 15 Nov 2018 15:38

Tgt Ion:216 Resp: 120431  
 Ion Ratio Lower Upper  
 216 100  
 214 79.1 63.8 95.6  
 179 22.8 16.6 25.0  
 108 20.2 15.1 22.7



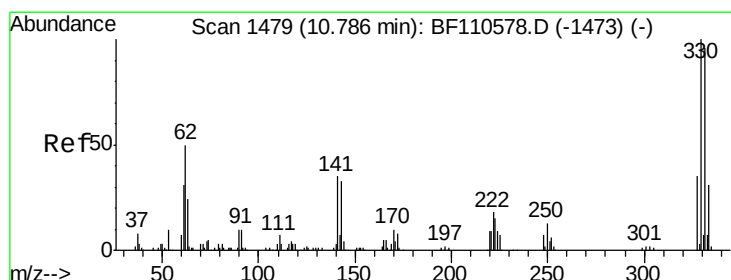
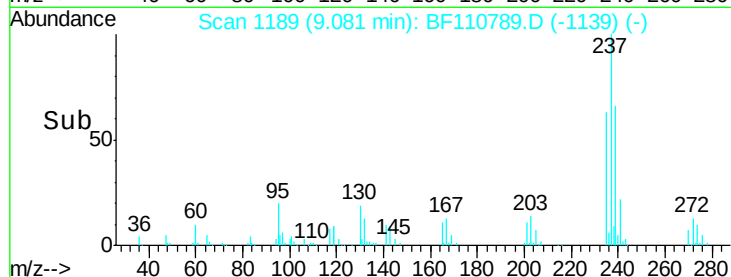
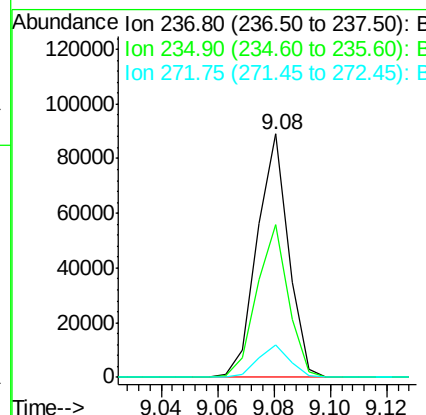
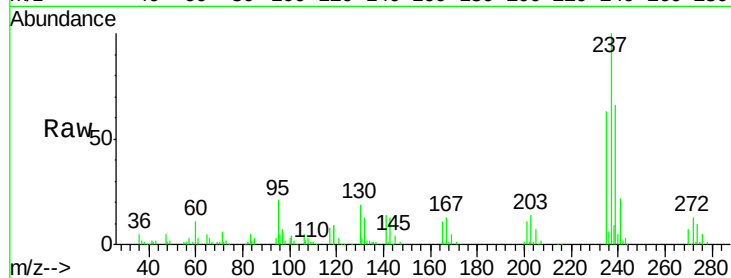




#41  
Hexachlorocyclopentadiene  
Concen: 48.492 ng  
RT: 9.08 min Scan# 1189  
Delta R.T. -0.01 min  
Lab File: BF110789.D  
Acq: 15 Nov 2018 15:38

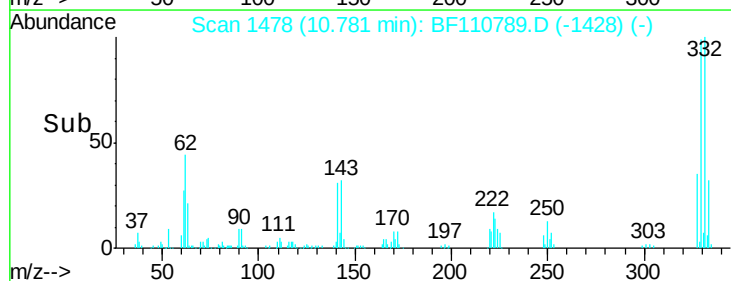
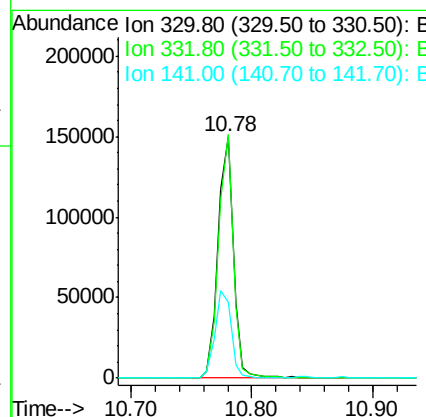
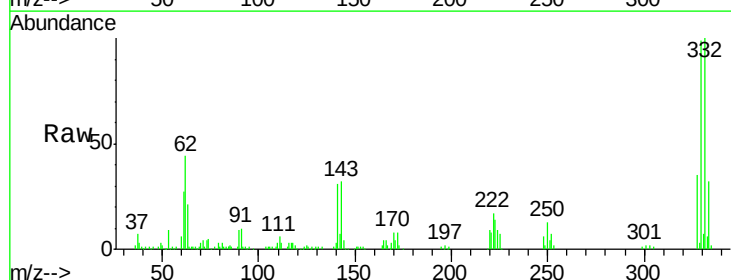
Instrument :  
BNA\_F  
ClientSampleId :  
SSI-21-TW-2MS

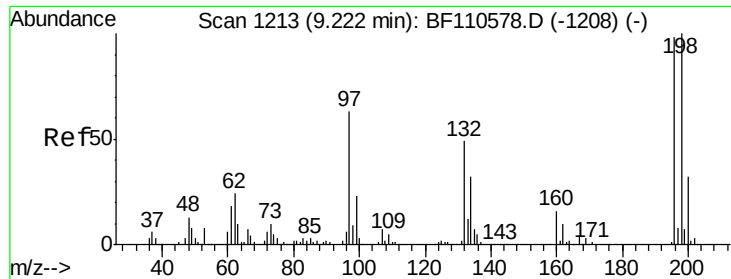
Tgt Ion: 237 Resp: 68756  
Ion Ratio Lower Upper  
237 100  
235 62.9 43.1 83.1  
272 13.5 0.0 32.6



#42  
2,4,6-Tribromophenol  
Concen: 105.830 ng  
RT: 10.78 min Scan# 1478  
Delta R.T. -0.01 min  
Lab File: BF110789.D  
Acq: 15 Nov 2018 15:38

Tgt Ion: 330 Resp: 131537  
Ion Ratio Lower Upper  
330 100  
332 96.8 77.1 115.7  
141 38.4 27.0 40.4

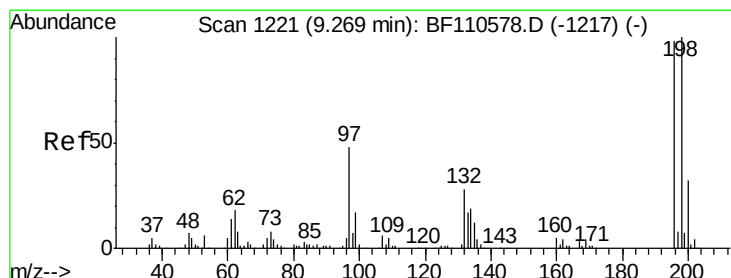
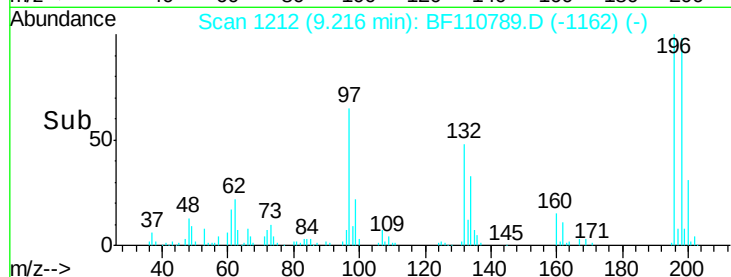
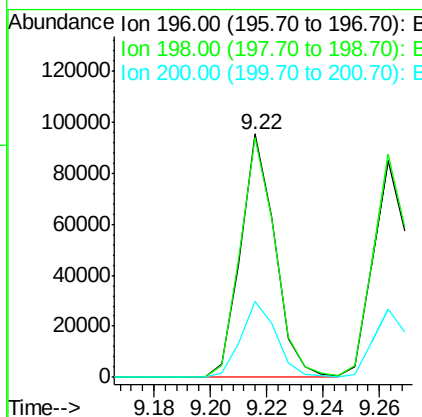
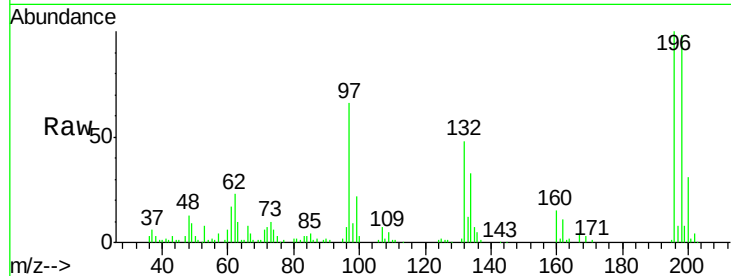




#43  
 2,4,6-Trichlorophenol  
 Concen: 32.932 ng  
 RT: 9.22 min Scan# 1212  
 Delta R.T. -0.01 min  
 Lab File: BF110789.D  
 Acq: 15 Nov 2018 15:38

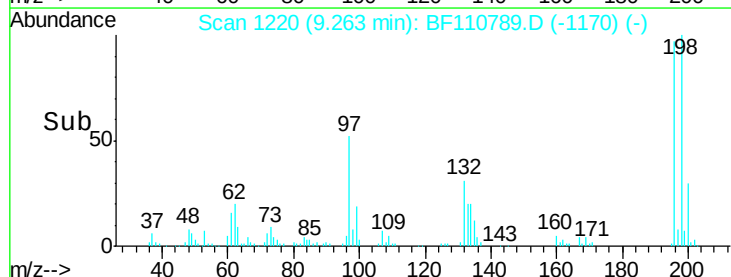
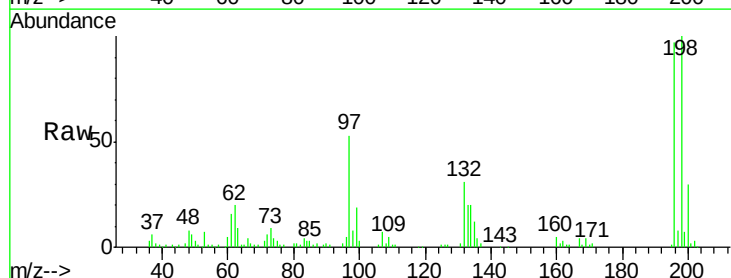
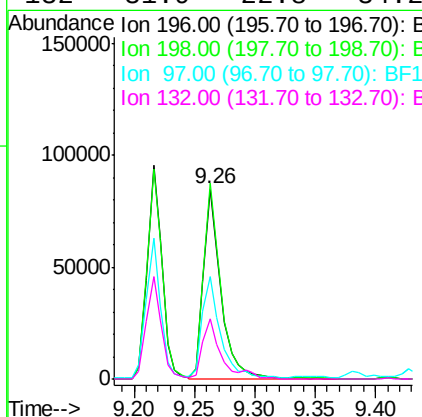
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSI-21-TW-2MS

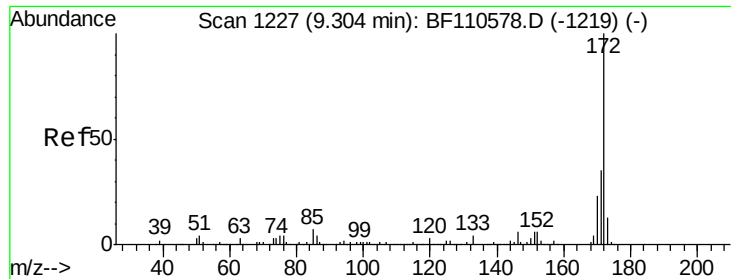
Tgt Ion:196 Resp: 80801  
 Ion Ratio Lower Upper  
 196 100  
 198 98.4 76.2 114.4  
 200 31.4 24.4 36.6



#44  
 2,4,5-Trichlorophenol  
 Concen: 33.122 ng  
 RT: 9.26 min Scan# 1220  
 Delta R.T. -0.01 min  
 Lab File: BF110789.D  
 Acq: 15 Nov 2018 15:38

Tgt Ion:196 Resp: 86688  
 Ion Ratio Lower Upper  
 196 100  
 198 102.8 75.8 113.6  
 97 54.1 42.4 63.6  
 132 31.9 22.8 34.2

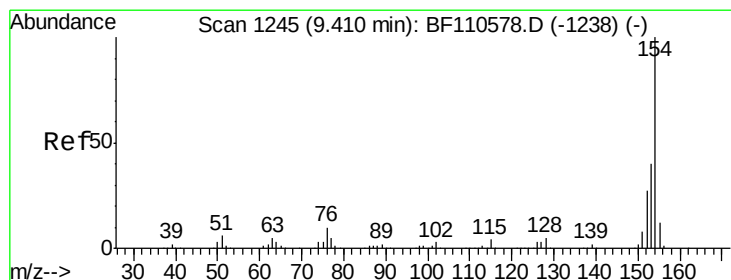
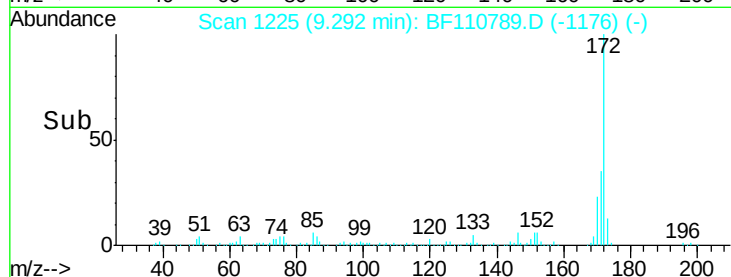
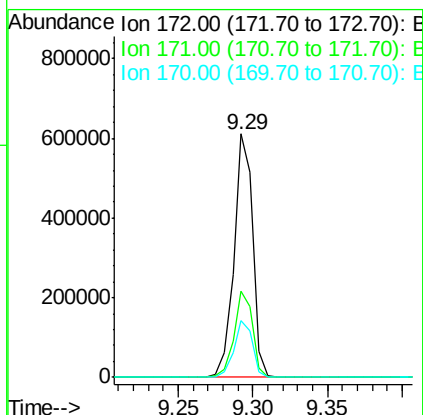
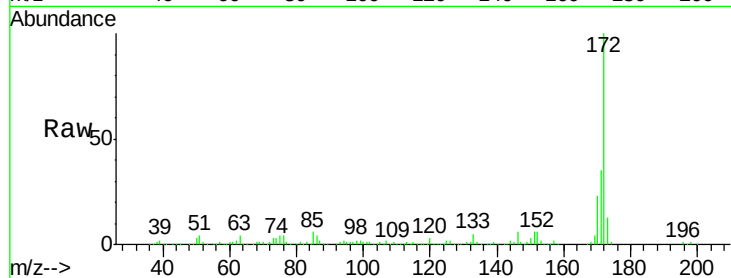




#45  
 2-Fluorobiphenyl  
 Concen: 62.556 ng  
 RT: 9.29 min Scan# 1225  
 Delta R.T. -0.01 min  
 Lab File: BF110789.D  
 Acq: 15 Nov 2018 15:38

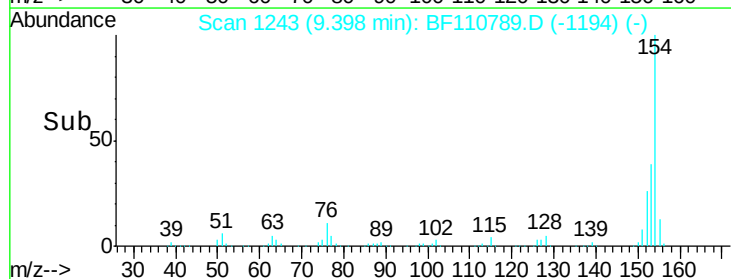
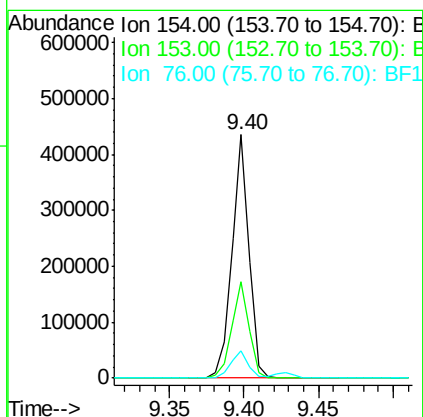
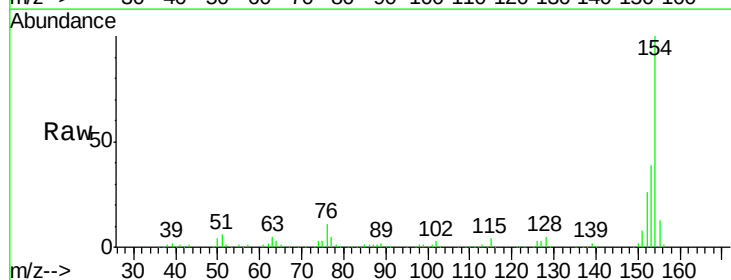
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSI-21-TW-2MS

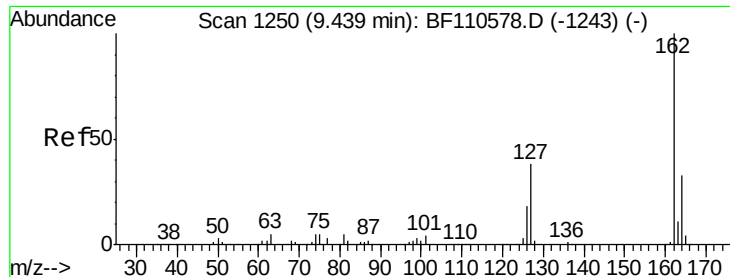
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.2  | 28.6  | 43.0  |
| 170     | 23.1  | 19.7  | 29.5  |



#46  
 1,1'-Biphenyl  
 Concen: 30.617 ng  
 RT: 9.40 min Scan# 1243  
 Delta R.T. -0.01 min  
 Lab File: BF110789.D  
 Acq: 15 Nov 2018 15:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 39.4  | 20.4  | 60.4  |
| 76      | 11.0  | 0.0   | 31.9  |

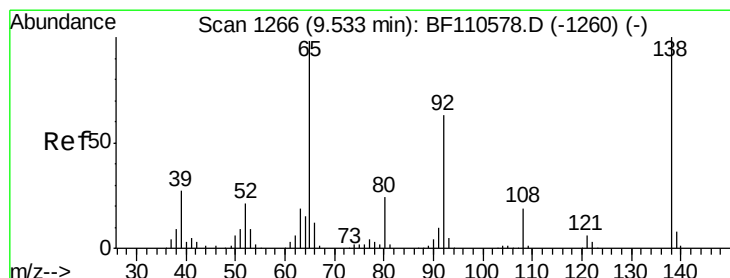
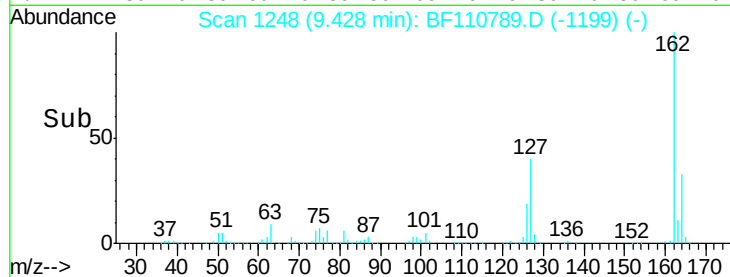
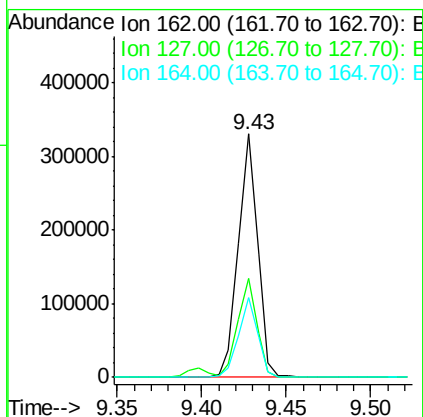
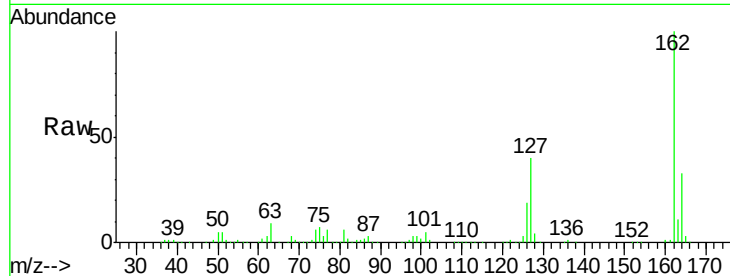




#47  
 2-Chloronaphthalene  
 Concen: 31.853 ng  
 RT: 9.43 min Scan# 1248  
 Delta R.T. -0.01 min  
 Lab File: BF110789.D  
 Acq: 15 Nov 2018 15:38

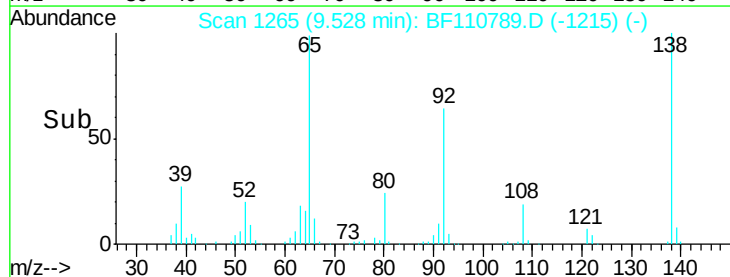
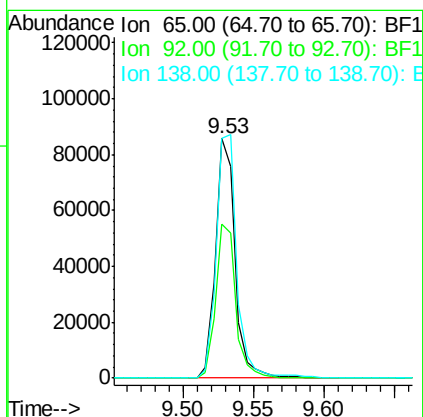
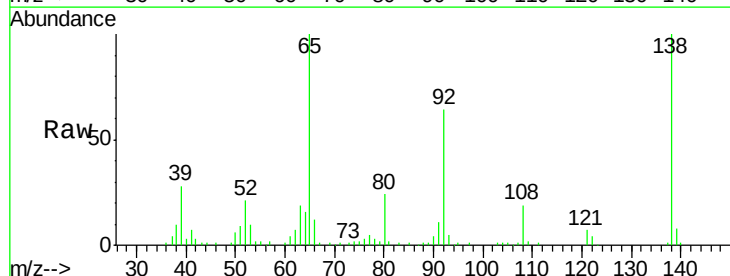
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSI-21-TW-2MS

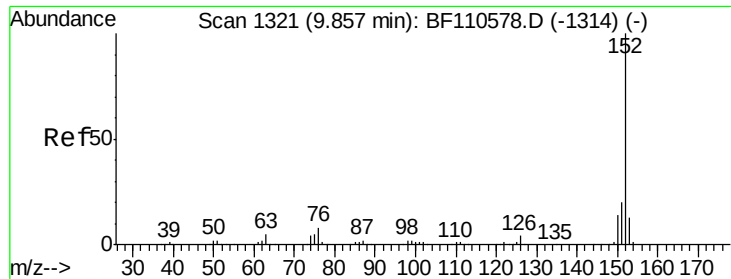
Tgt Ion: 162 Resp: 264058  
 Ion Ratio Lower Upper  
 162 100  
 127 40.5 32.6 48.8  
 164 32.5 25.9 38.9



#48  
 2-Nitroaniline  
 Concen: 32.327 ng  
 RT: 9.53 min Scan# 1265  
 Delta R.T. -0.01 min  
 Lab File: BF110789.D  
 Acq: 15 Nov 2018 15:38

Tgt Ion: 65 Resp: 82582  
 Ion Ratio Lower Upper  
 65 100  
 92 64.4 54.6 81.8  
 138 100.2 80.3 120.5





#49

Acenaphthylene

Concen: 34.498 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF110789.D

Acq: 15 Nov 2018 15:38

Instrument :

BNA\_F

ClientSampleId :

SSI-21-TW-2MS

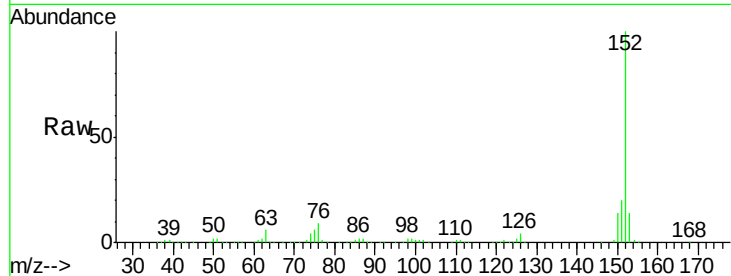
Tgt Ion:152 Resp: 411861

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

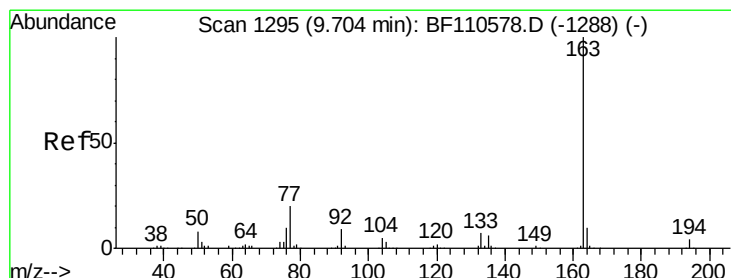
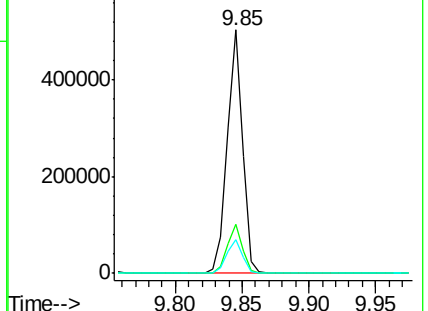
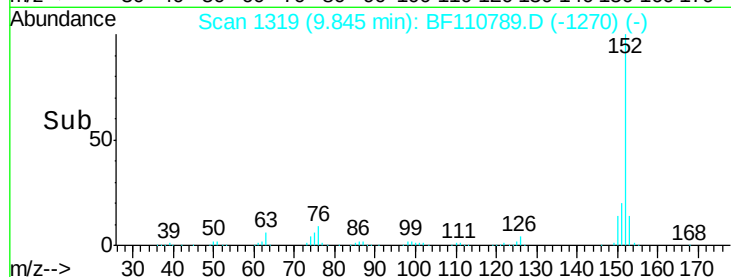
153 13.8 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.812 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF110789.D

Acq: 15 Nov 2018 15:38

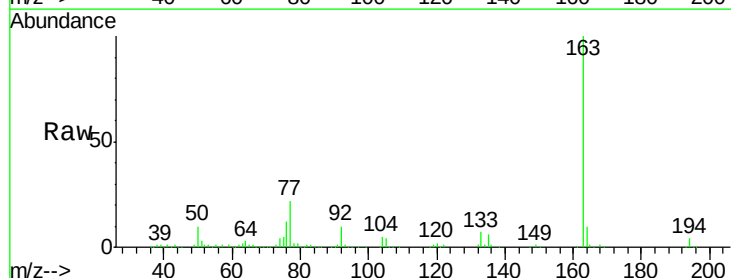
Tgt Ion:163 Resp: 384840

Ion Ratio Lower Upper

163 100

194 3.5 3.2 4.8

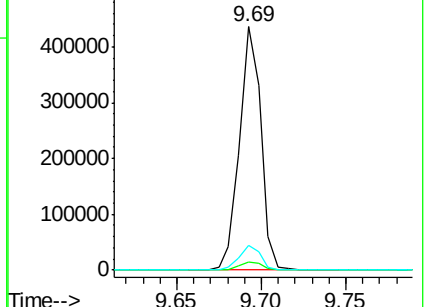
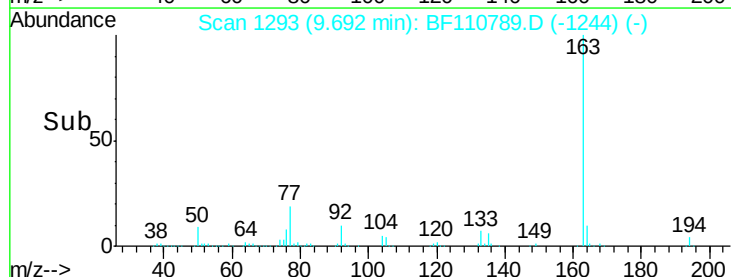
164 10.2 8.1 12.1

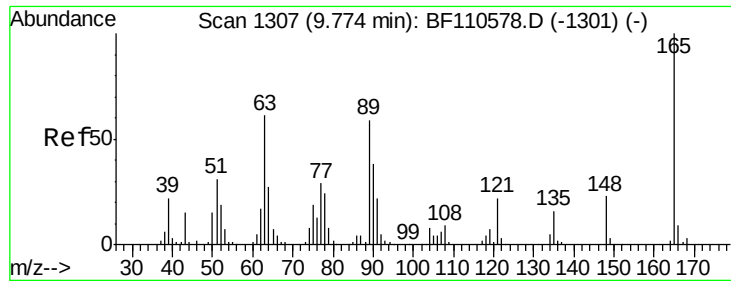


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 33.135 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF110789.D

Acq: 15 Nov 2018 15:38

Instrument :

BNA\_F

ClientSampleId :

SSI-21-TW-2MS

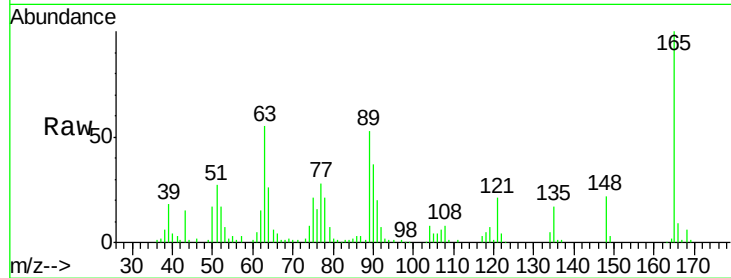
Tgt Ion:165 Resp: 67089

Ion Ratio Lower Upper

165 100

63 54.8 48.9 73.3

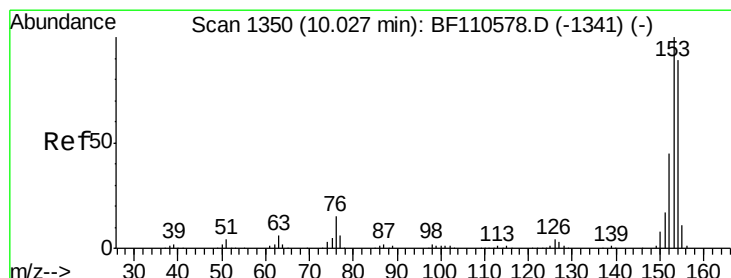
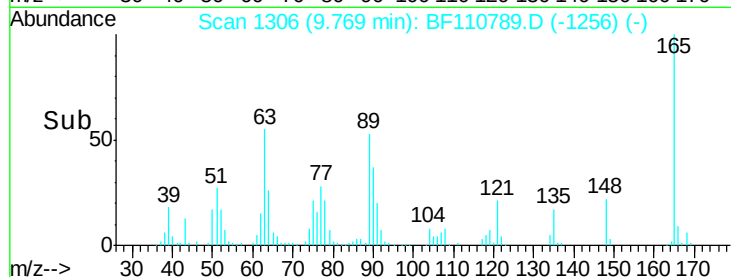
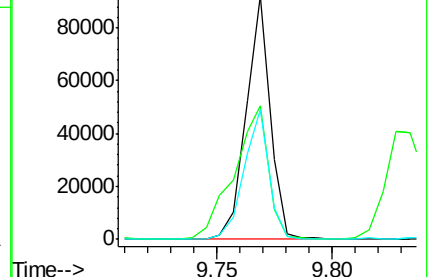
89 53.3 46.6 69.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 32.766 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF110789.D

Acq: 15 Nov 2018 15:38

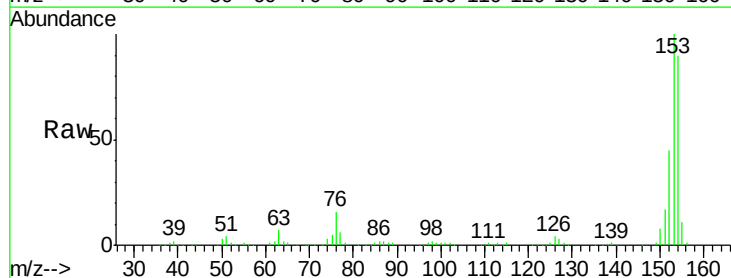
Tgt Ion:154 Resp: 247215

Ion Ratio Lower Upper

154 100

153 111.6 90.1 135.1

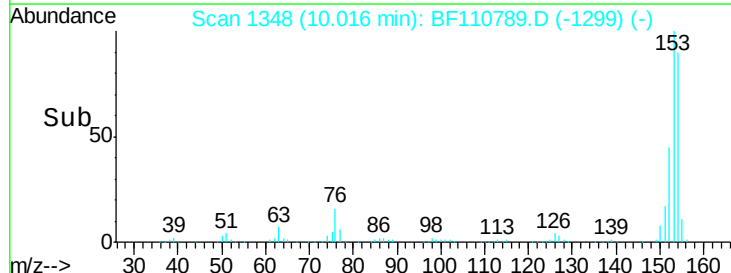
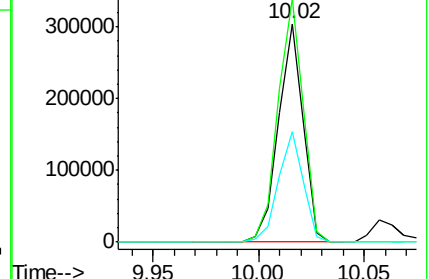
152 50.5 43.4 65.2

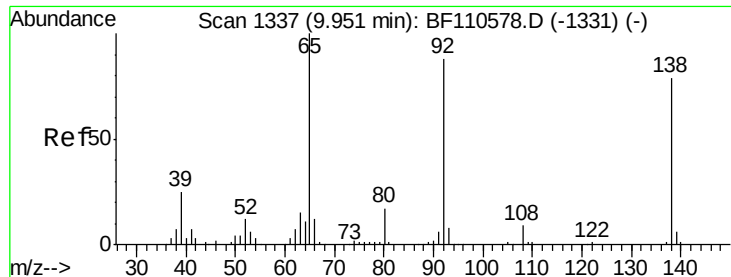


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

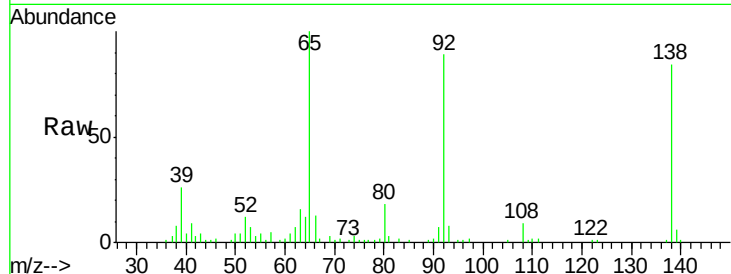




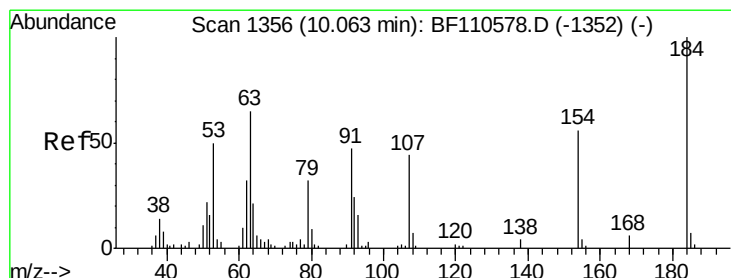
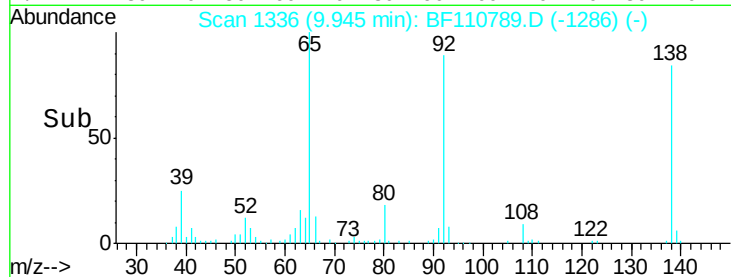
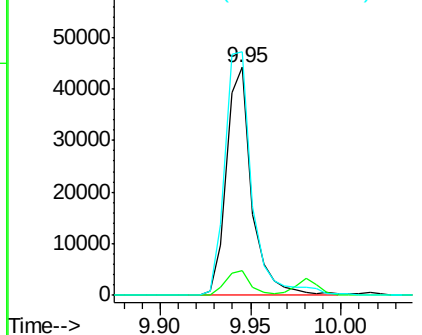
#53  
3-Nitroaniline  
Concen: 18.531 ng  
RT: 9.95 min Scan# 1336  
Delta R.T. -0.01 min  
Lab File: BF110789.D  
Acq: 15 Nov 2018 15:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSI-21-TW-2MS

Tgt Ion:138 Resp: 43469  
Ion Ratio Lower Upper  
138 100  
108 10.9 8.7 13.1  
92 106.9 97.0 145.4

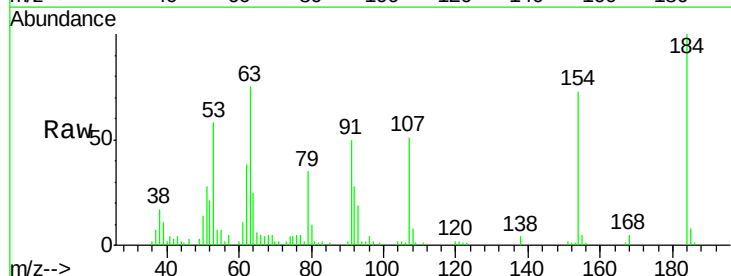


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

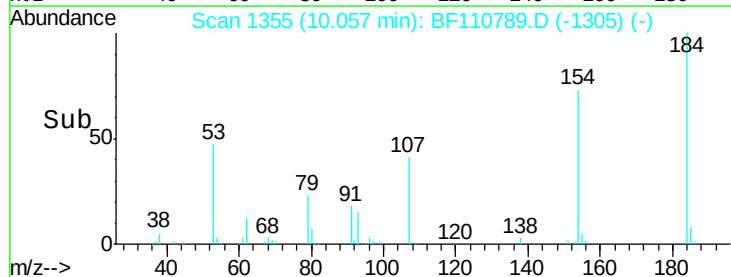
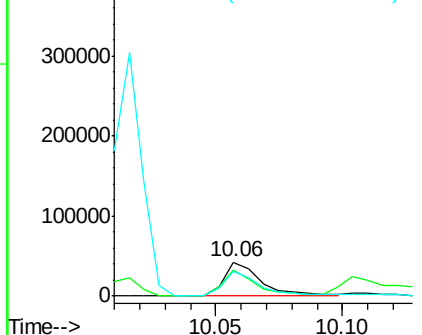


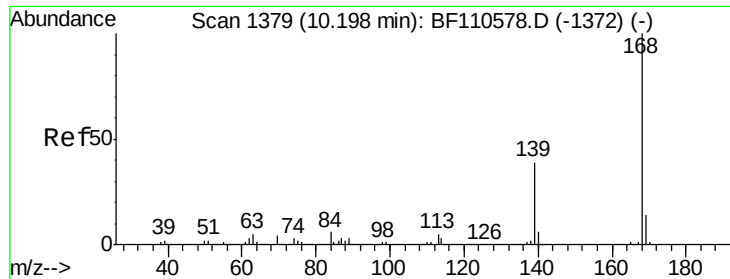
#54  
2,4-Dinitrophenol  
Concen: 55.858 ng  
RT: 10.06 min Scan# 1355  
Delta R.T. -0.00 min  
Lab File: BF110789.D  
Acq: 15 Nov 2018 15:38

Tgt Ion:184 Resp: 43837  
Ion Ratio Lower Upper  
184 100  
63 75.5 55.8 83.6  
154 73.0 63.2 94.8



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





#55

Dibenzenofuran

Concen: 32.977 ng

RT: 10.19 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BF110789.D

Acq: 15 Nov 2018 15:38

Instrument :

BNA\_F

ClientSampleId :

SSI-21-TW-2MS

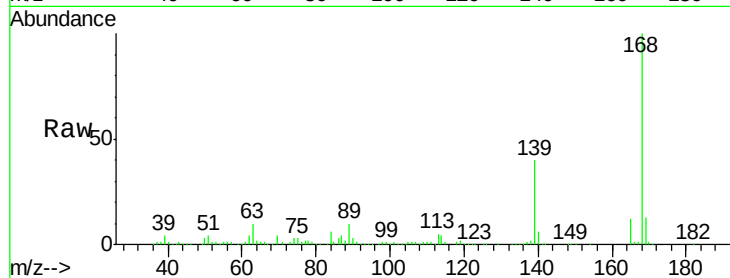
Tgt Ion:168 Resp: 364018

Ion Ratio Lower Upper

168 100

139 39.6 33.0 49.6

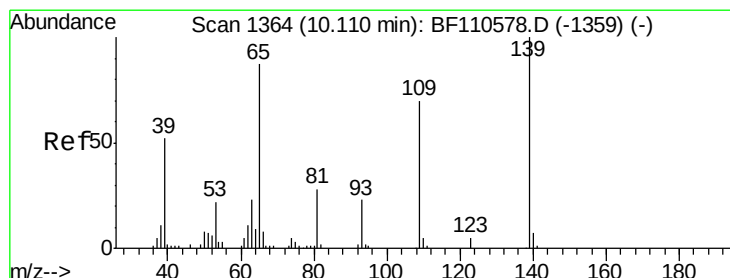
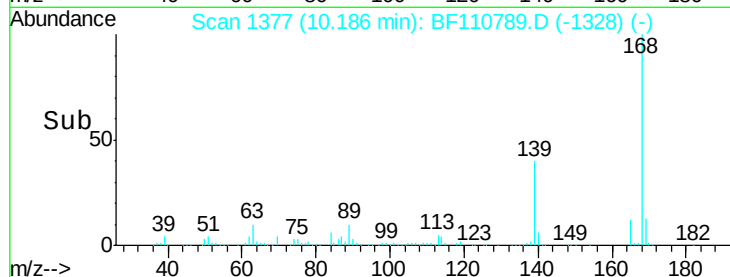
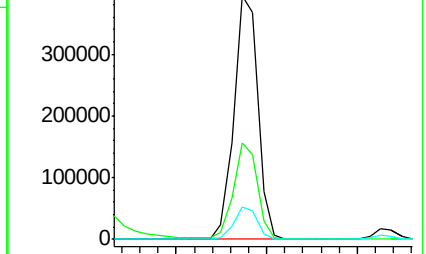
169 13.2 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 59.690 ng

RT: 10.10 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BF110789.D

Acq: 15 Nov 2018 15:38

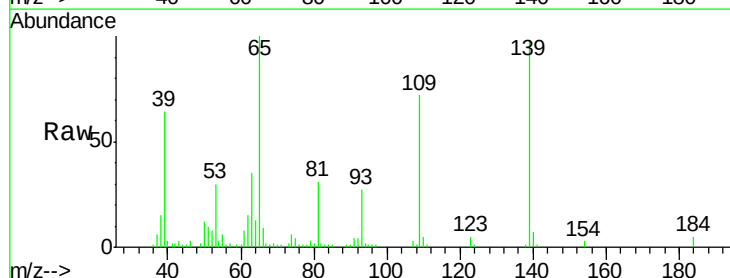
Tgt Ion:139 Resp: 92890

Ion Ratio Lower Upper

139 100

109 73.2 55.8 95.8

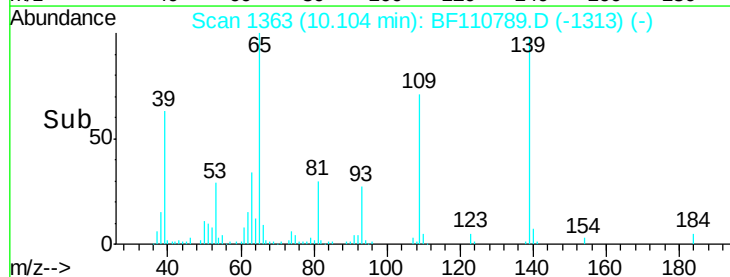
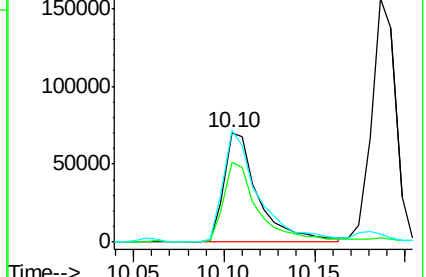
65 102.3 77.9 117.9



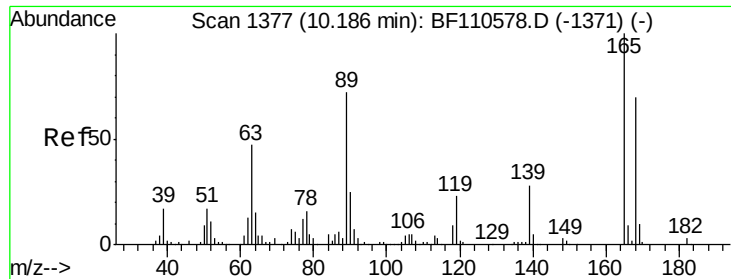
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



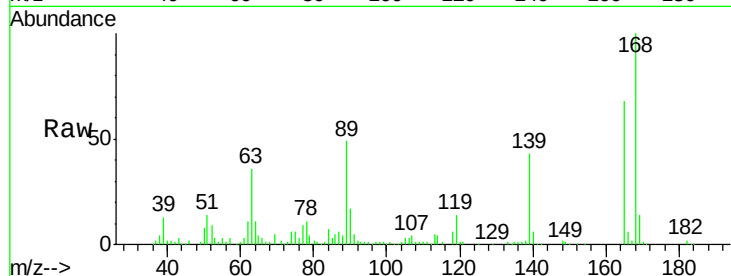




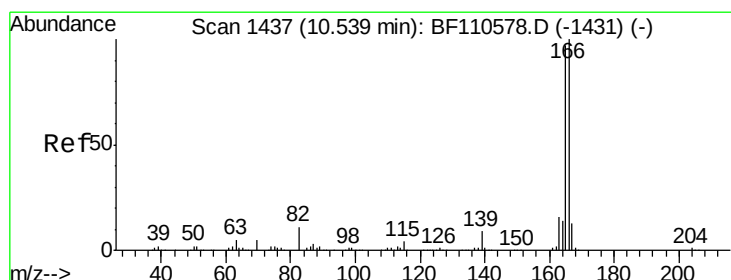
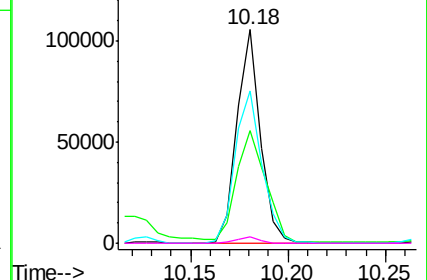
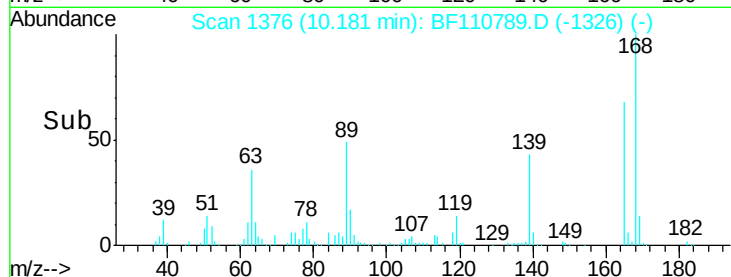
#57  
2,4-Dinitrotoluene  
Concen: 33.513 ng  
RT: 10.18 min Scan# 1376  
Delta R.T. -0.01 min  
Lab File: BF110789.D  
Acq: 15 Nov 2018 15:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSI-21-TW-2MS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 165   | Resp: | 88224 |
| Ion      | Ratio | Lower | Upper |
| 165      | 100   |       |       |
| 63       | 52.9  | 44.8  | 67.2  |
| 89       | 71.6  | 62.2  | 93.4  |
| 182      | 2.8   | 2.1   | 3.1   |

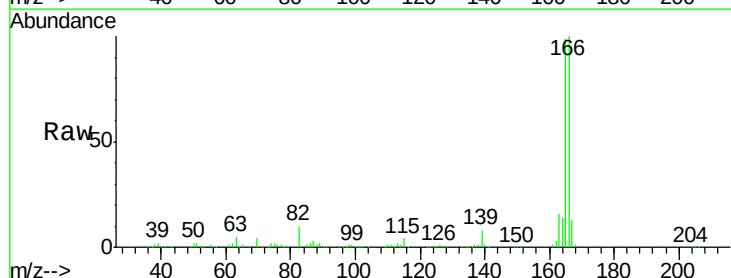


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1  
Ion 182.00 (181.70 to 182.70): E

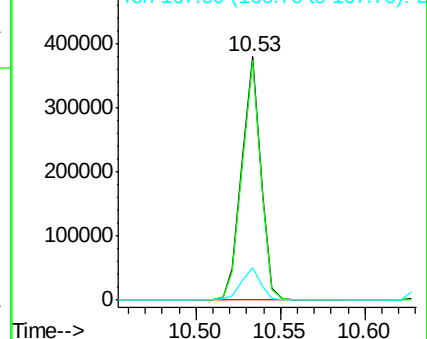
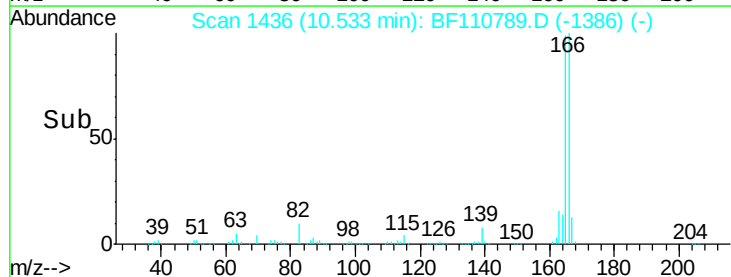


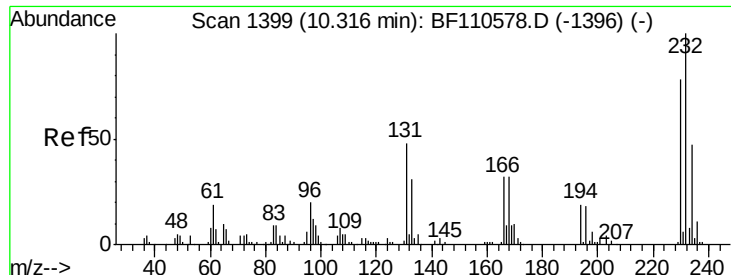
#58  
Fluorene  
Concen: 34.877 ng  
RT: 10.53 min Scan# 1436  
Delta R.T. -0.01 min  
Lab File: BF110789.D  
Acq: 15 Nov 2018 15:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 166   | Resp: | 295715 |
| Ion      | Ratio | Lower | Upper  |
| 166      | 100   |       |        |
| 165      | 98.6  | 78.6  | 117.8  |
| 167      | 13.5  | 10.8  | 16.2   |



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

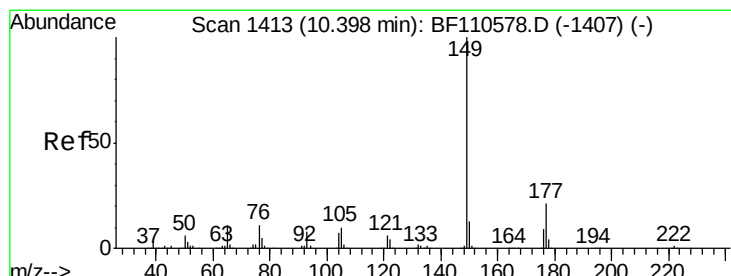
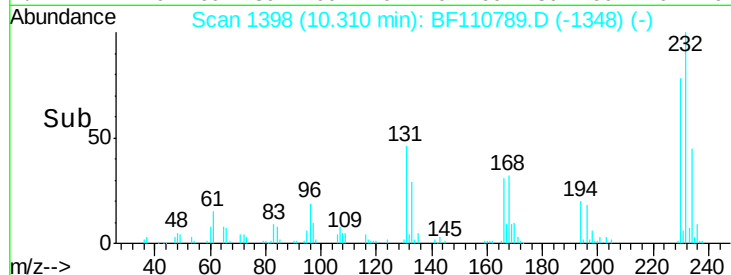
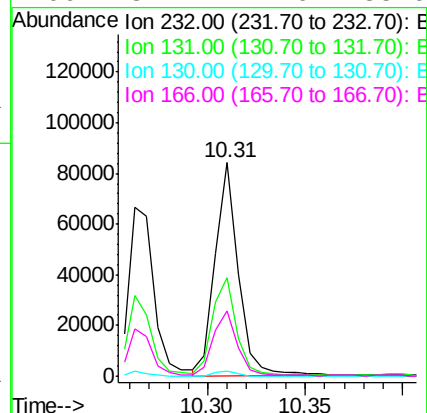
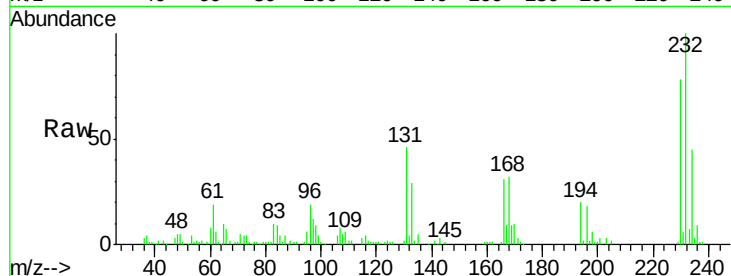




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 33.818 ng  
 RT: 10.31 min Scan# 1398  
 Delta R.T. -0.01 min  
 Lab File: BF110789.D  
 Acq: 15 Nov 2018 15:38

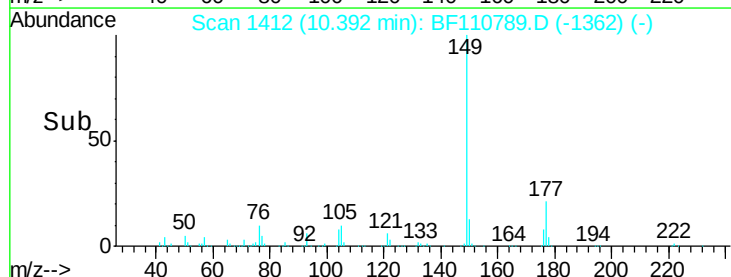
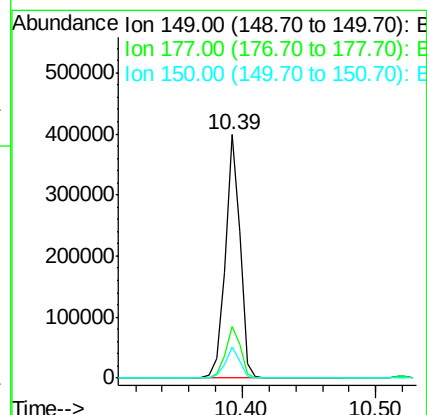
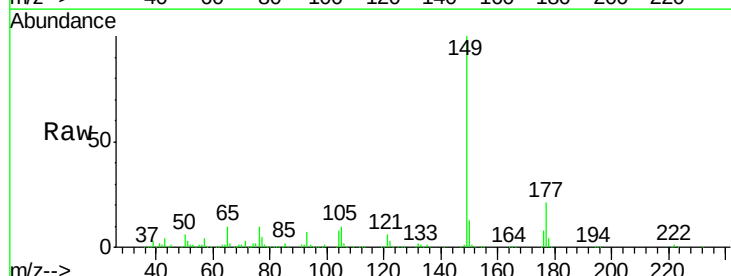
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSI-21-TW-2MS

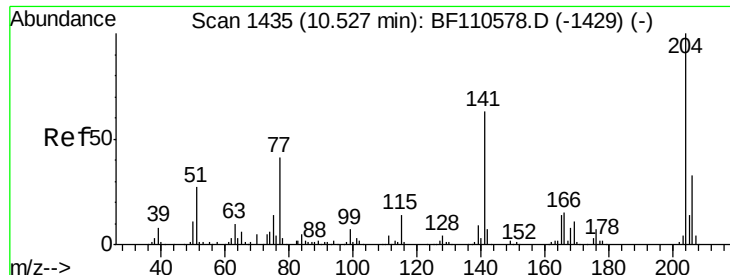
Tgt Ion: 232 Resp: 69629  
 Ion Ratio Lower Upper  
 232 100  
 131 50.2 37.0 55.4  
 130 2.2 1.8 2.6  
 166 32.4 22.0 33.0



#60  
 Diethylphthalate  
 Concen: 34.115 ng  
 RT: 10.39 min Scan# 1412  
 Delta R.T. -0.01 min  
 Lab File: BF110789.D  
 Acq: 15 Nov 2018 15:38

Tgt Ion: 149 Resp: 310642  
 Ion Ratio Lower Upper  
 149 100  
 177 21.2 17.4 26.2  
 150 12.6 9.8 14.8

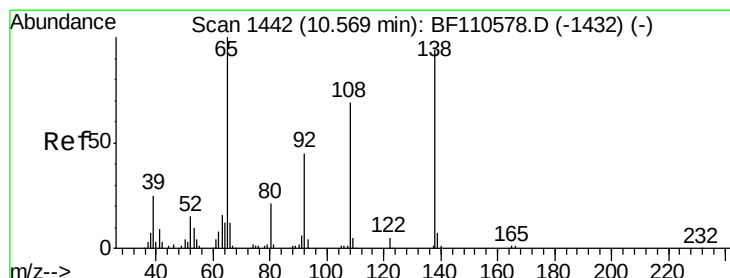
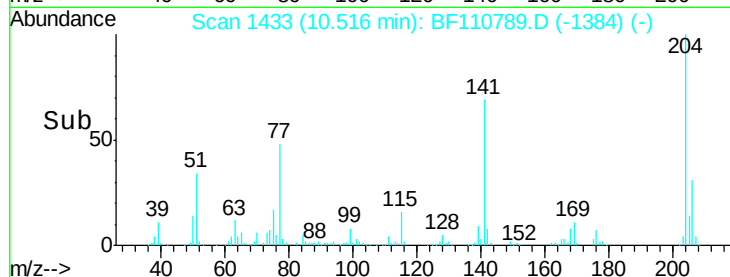
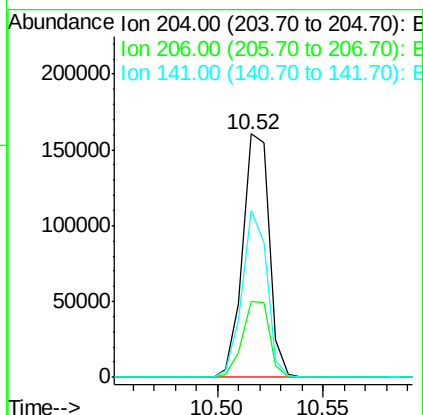
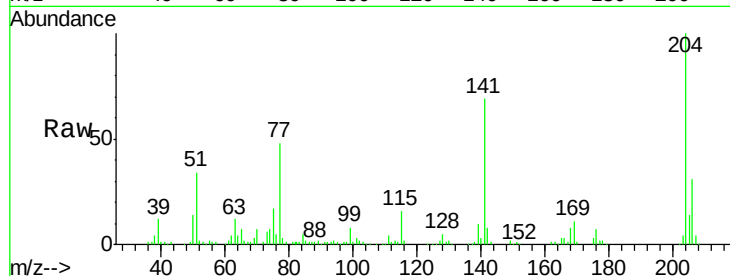




#61  
4-Chlorophenyl-phenylether  
Concen: 31.961 ng  
RT: 10.52 min Scan# 1433  
Delta R.T. -0.01 min  
Lab File: BF110789.D  
Acq: 15 Nov 2018 15:38

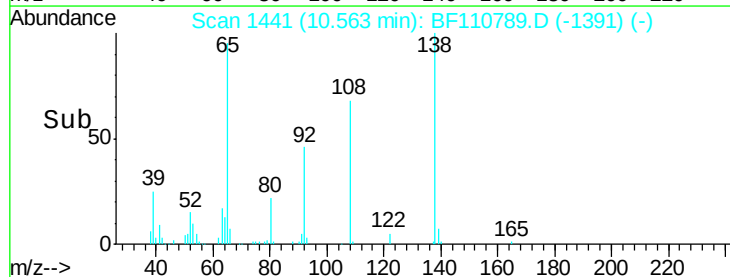
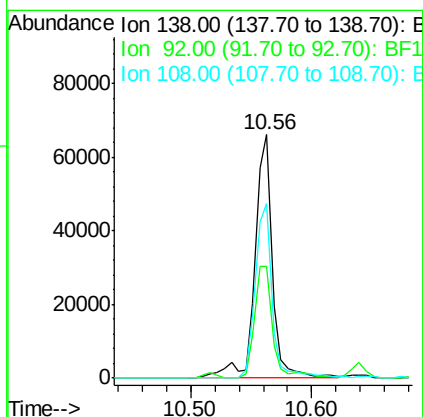
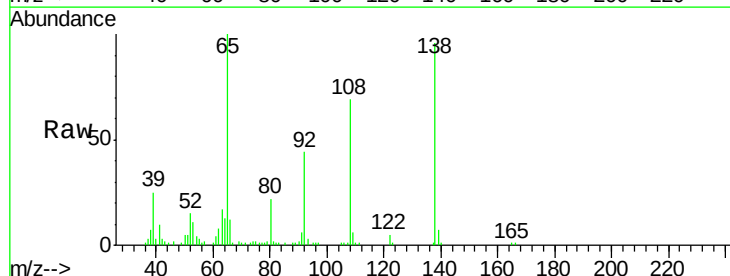
Instrument :  
BNA\_F  
ClientSampleId :  
SSI-21-TW-2MS

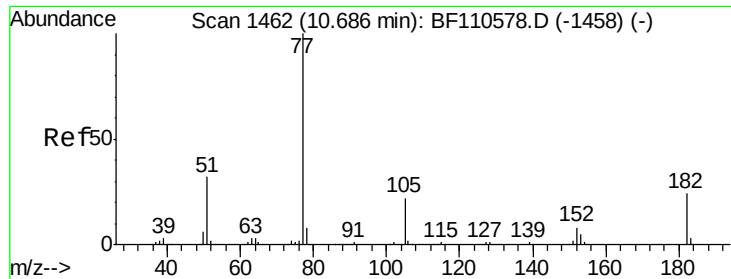
Tgt Ion: 204 Resp: 140310  
Ion Ratio Lower Upper  
204 100  
206 31.0 26.5 39.7  
141 68.7 51.8 77.8



#62  
4-Nitroaniline  
Concen: 28.522 ng  
RT: 10.56 min Scan# 1441  
Delta R.T. -0.01 min  
Lab File: BF110789.D  
Acq: 15 Nov 2018 15:38

Tgt Ion: 138 Resp: 67371  
Ion Ratio Lower Upper  
138 100  
92 45.9 31.7 71.7  
108 71.6 59.3 99.3

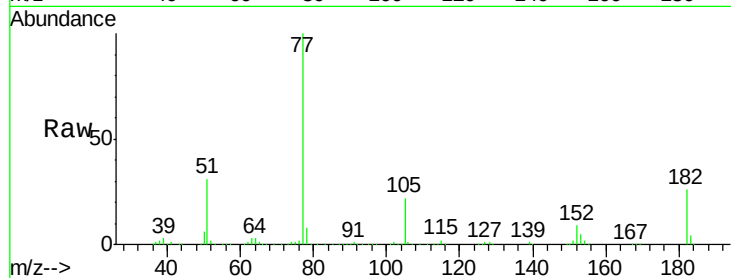




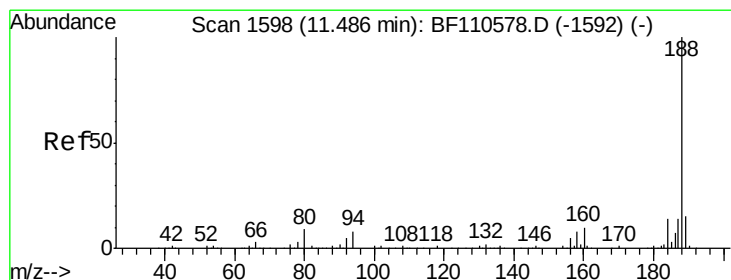
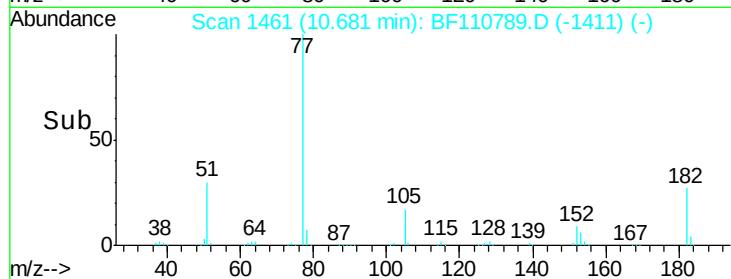
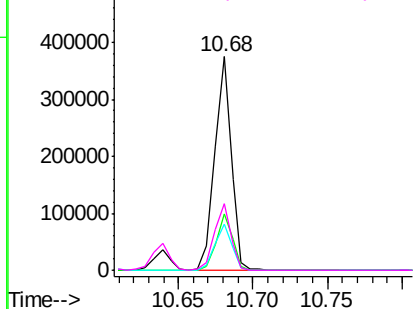
#63  
Azobenzene  
Concen: 32.469 ng  
RT: 10.68 min Scan# 1461  
Delta R.T. -0.01 min  
Lab File: BF110789.D  
Acq: 15 Nov 2018 15:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSI-21-TW-2MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 26.2  | 4.3   | 44.3  |
| 105     | 21.8  | 1.3   | 41.3  |
| 51      | 31.0  | 9.0   | 49.0  |

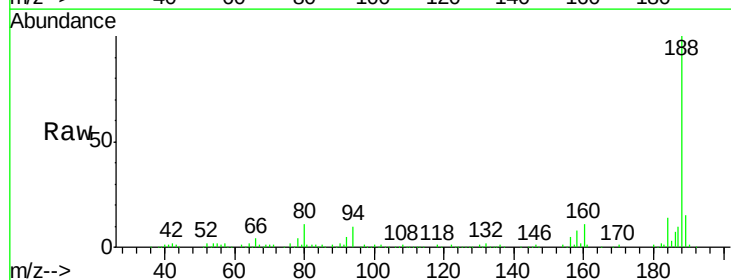


Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF1

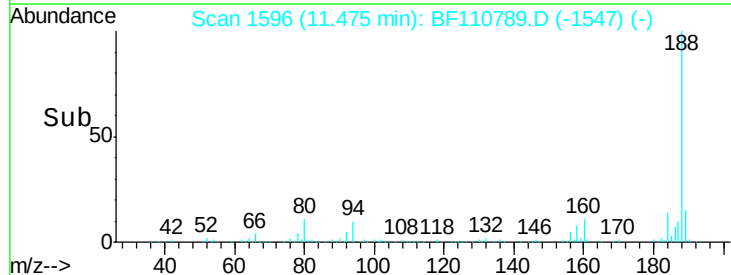
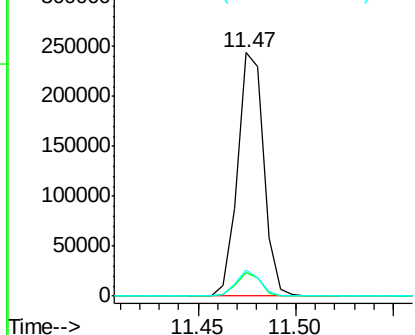


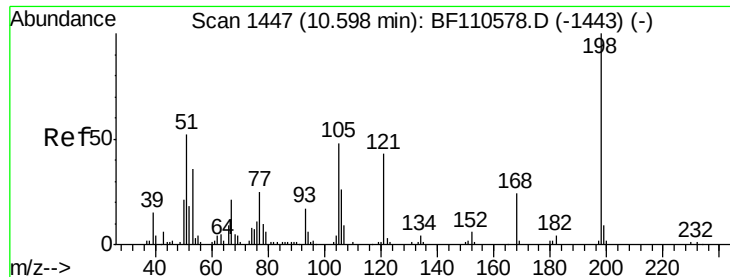
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.47 min Scan# 1596  
Delta R.T. -0.01 min  
Lab File: BF110789.D  
Acq: 15 Nov 2018 15:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 9.8   | 7.2   | 10.8  |
| 80      | 10.7  | 7.9   | 11.9  |



Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF1  
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 29.979 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF110789.D

Acq: 15 Nov 2018 15:38

Instrument :

BNA\_F

ClientSampleId :

SSI-21-TW-2MS

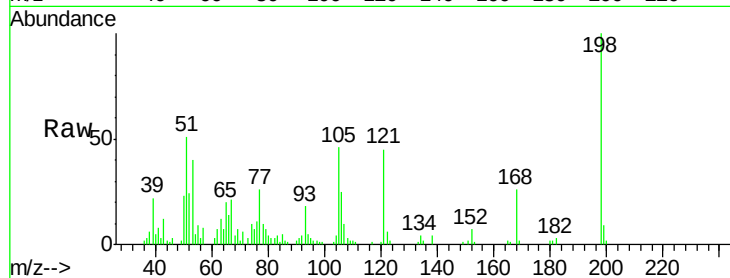
Tgt Ion:198 Resp: 34200

Ion Ratio Lower Upper

198 100

51 51.0 22.8 62.8

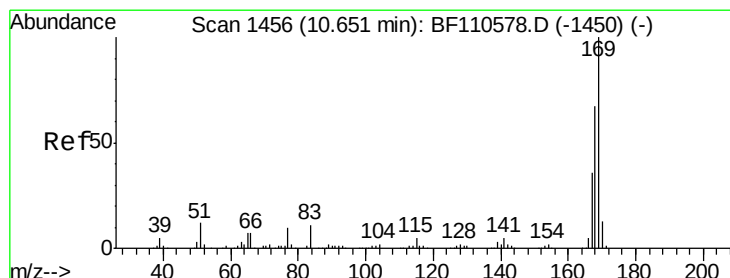
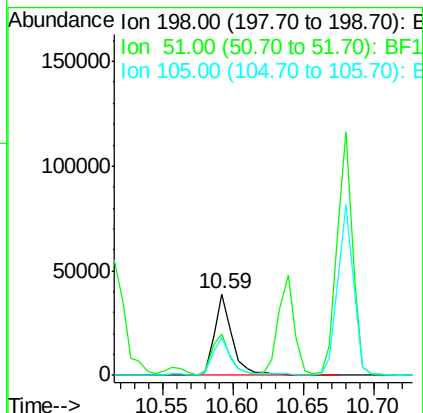
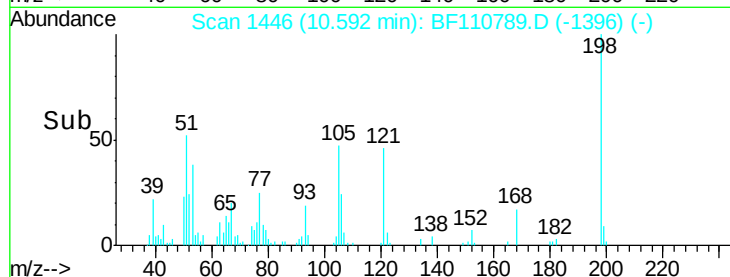
105 46.5 23.6 63.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 33.013 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF110789.D

Acq: 15 Nov 2018 15:38

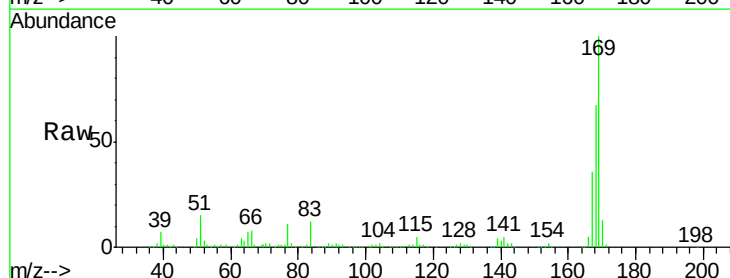
Tgt Ion:169 Resp: 251883

Ion Ratio Lower Upper

169 100

168 67.4 51.2 76.8

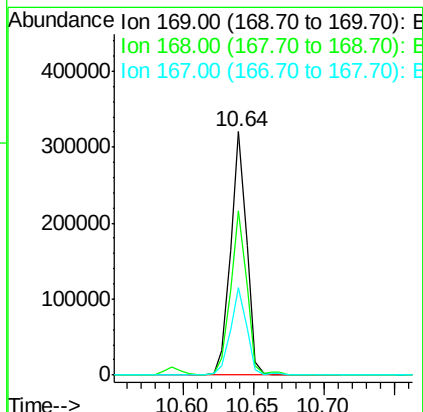
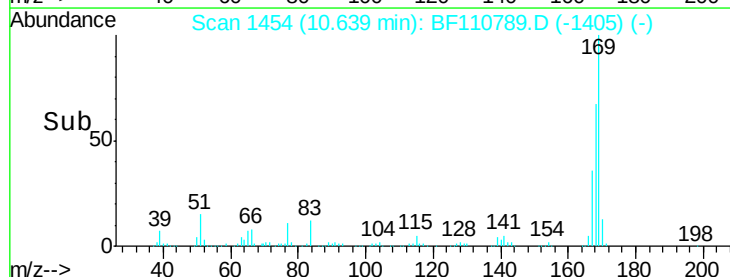
167 35.8 27.8 41.6

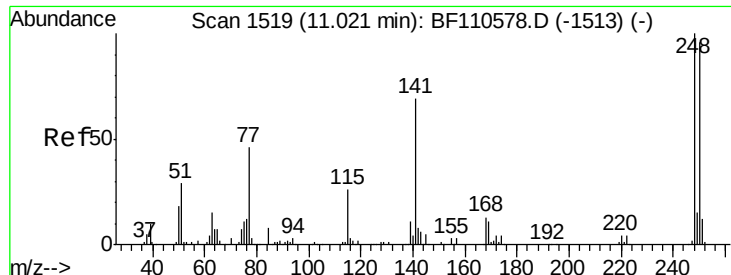


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

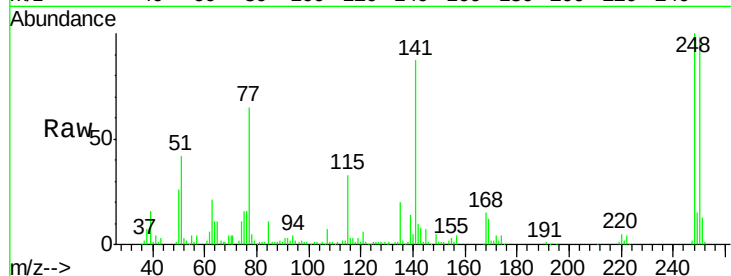




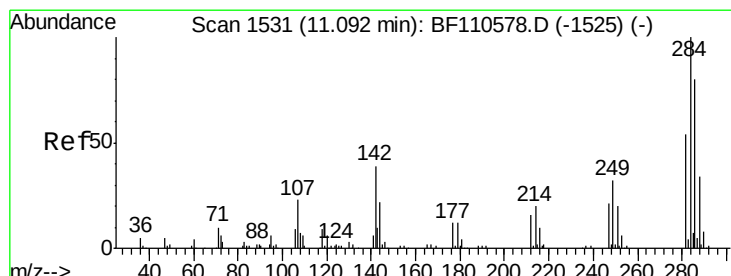
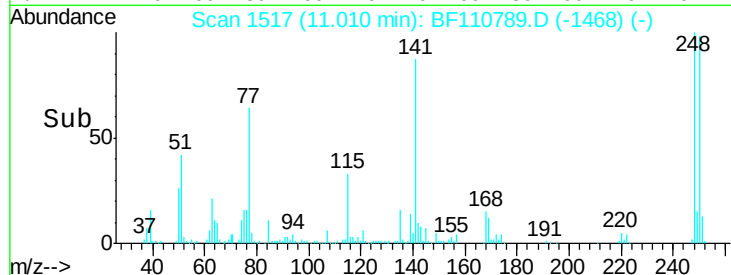
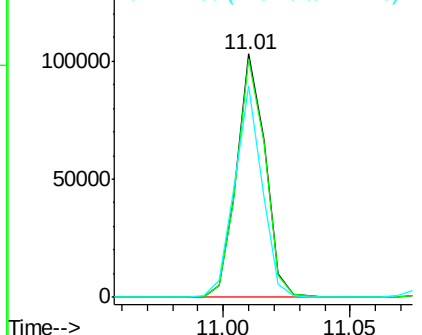
#67  
 4-Bromophenyl-phenylether  
 Concen: 32.059 ng  
 RT: 11.01 min Scan# 1517  
 Delta R.T. -0.01 min  
 Lab File: BF110789.D  
 Acq: 15 Nov 2018 15:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSI-21-TW-2MS

Tgt Ion: 248 Resp: 80203  
 Ion Ratio Lower Upper  
 248 100  
 250 97.8 79.4 119.2  
 141 87.1 55.9 83.9#

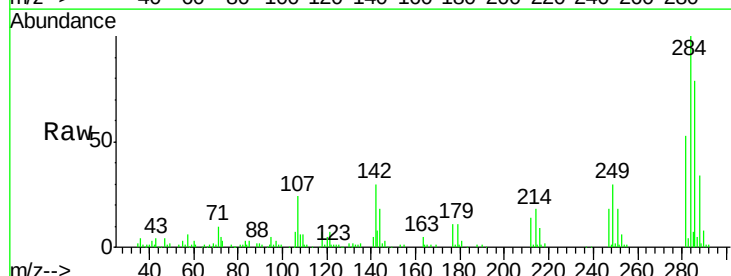


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

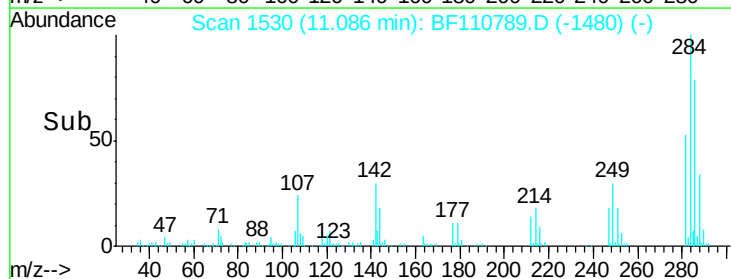
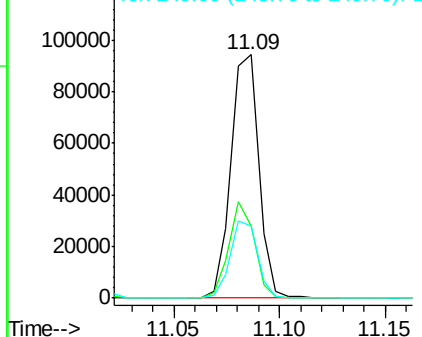


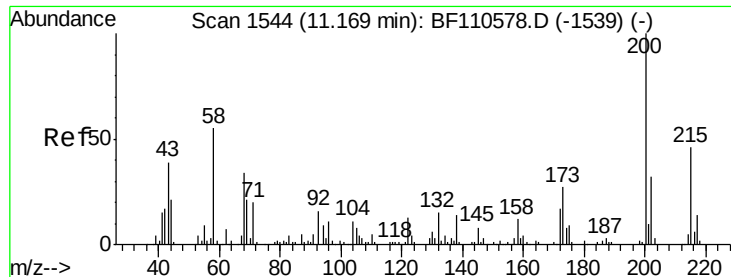
#68  
 Hexachlorobenzene  
 Concen: 32.488 ng  
 RT: 11.09 min Scan# 1530  
 Delta R.T. -0.01 min  
 Lab File: BF110789.D  
 Acq: 15 Nov 2018 15:38

Tgt Ion: 284 Resp: 85690  
 Ion Ratio Lower Upper  
 284 100  
 142 29.6 23.9 35.9  
 249 29.9 24.2 36.2



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





#69

Atrazine

Concen: 33.982 ng

RT: 11.16 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BF110789.D

Acq: 15 Nov 2018 15:38

Instrument :

BNA\_F

ClientSampleId :

SSI-21-TW-2MS

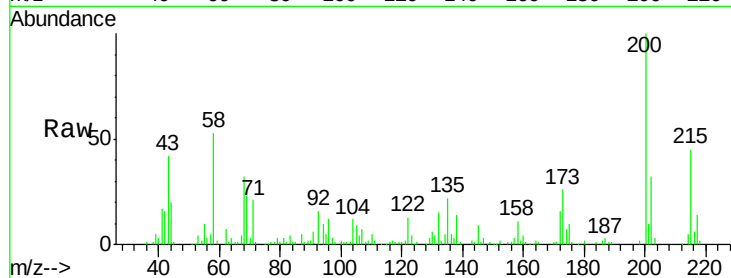
Tgt Ion:200 Resp: 79277

Ion Ratio Lower Upper

200 100

173 26.5 6.6 46.6

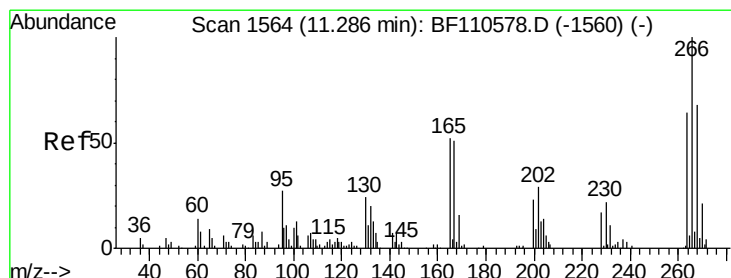
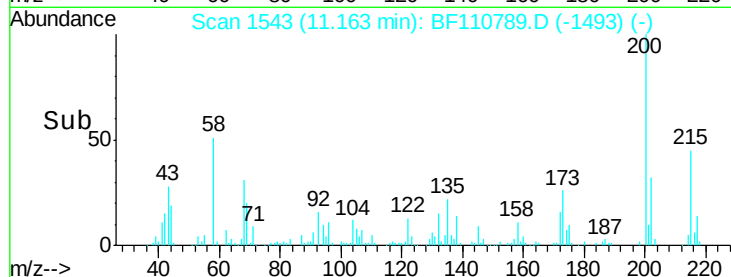
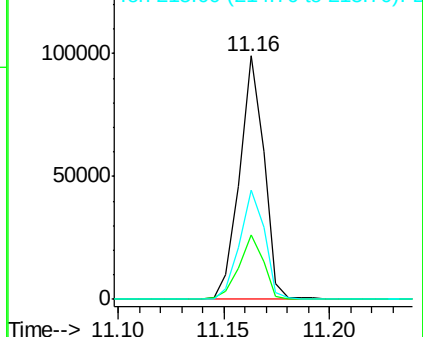
215 45.1 26.3 66.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 50.181 ng

RT: 11.28 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BF110789.D

Acq: 15 Nov 2018 15:38

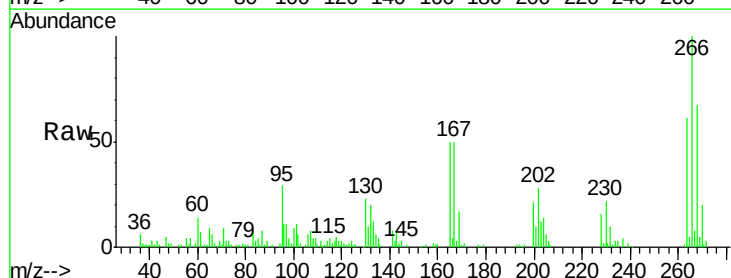
Tgt Ion:266 Resp: 70623

Ion Ratio Lower Upper

266 100

268 67.0 50.6 75.8

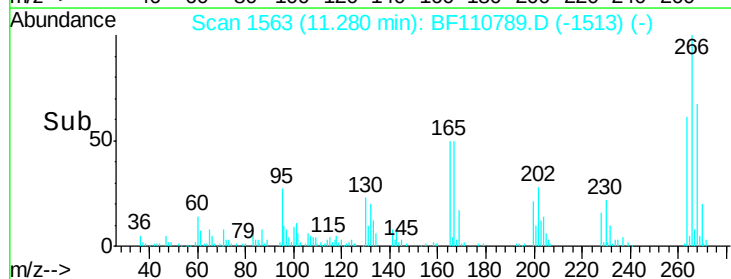
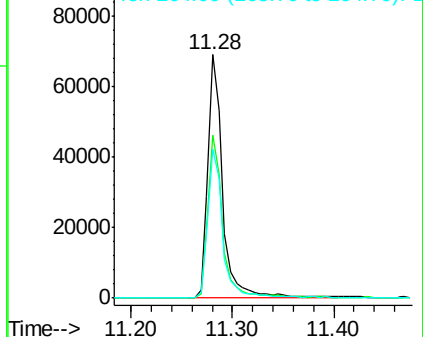
264 61.1 50.6 75.8

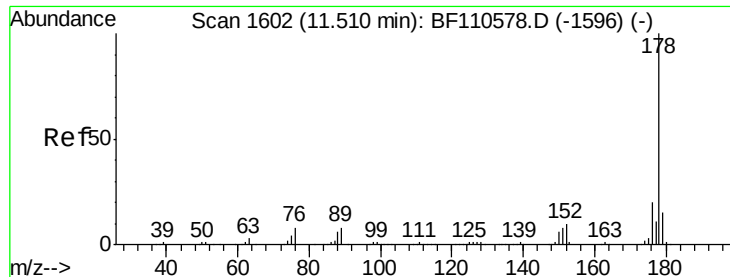


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 34.608 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF110789.D

Acq: 15 Nov 2018 15:38

Instrument :

BNA\_F

ClientSampleId :

SSI-21-TW-2MS

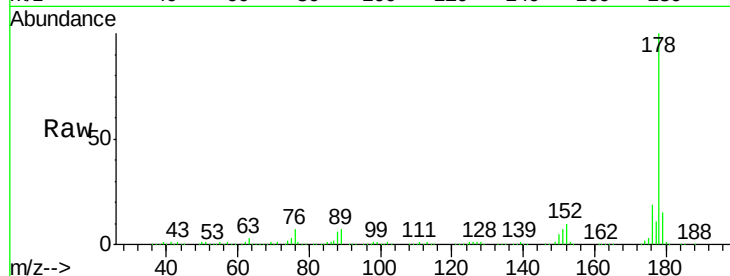
Tgt Ion:178 Resp: 419695

Ion Ratio Lower Upper

178 100

176 18.9 15.5 23.3

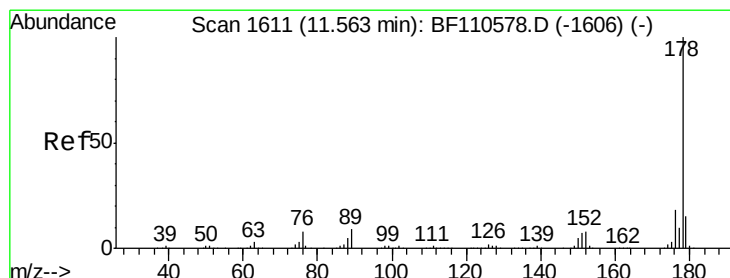
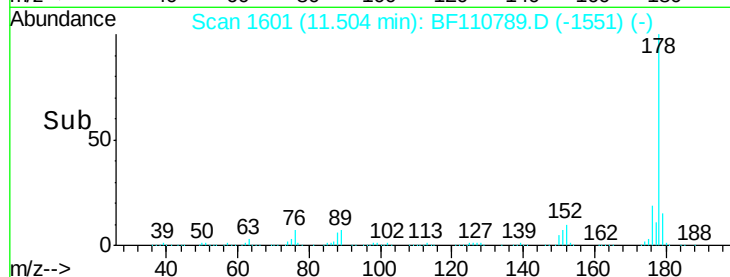
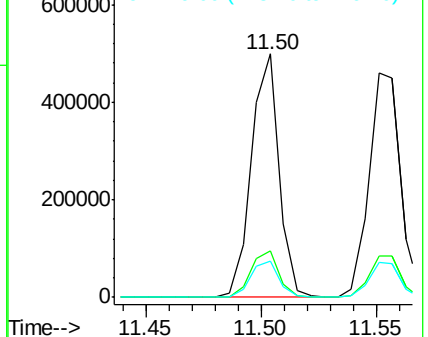
179 15.0 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 35.807 ng

RT: 11.55 min Scan# 1609

Delta R.T. -0.01 min

Lab File: BF110789.D

Acq: 15 Nov 2018 15:38

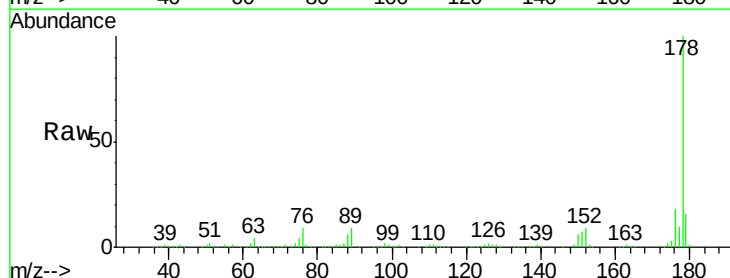
Tgt Ion:178 Resp: 438036

Ion Ratio Lower Upper

178 100

176 18.4 15.4 23.2

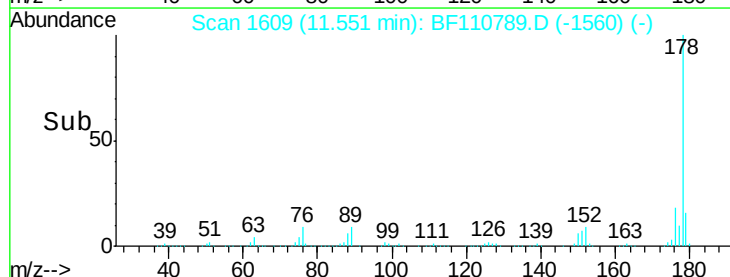
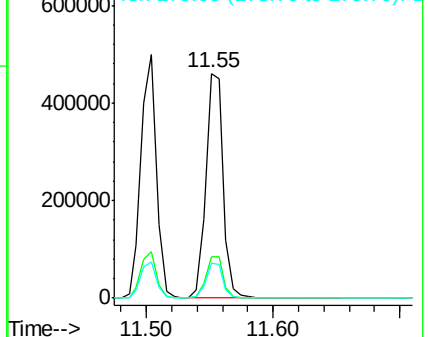
179 15.6 12.6 18.8



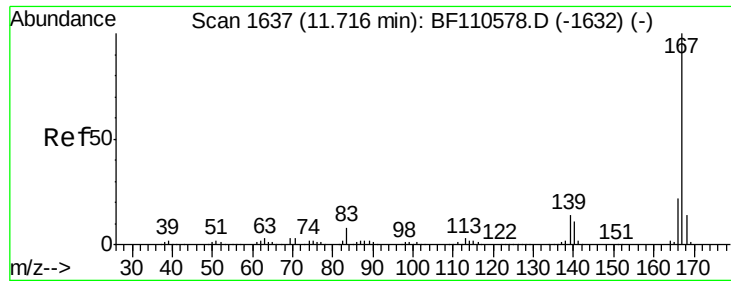
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



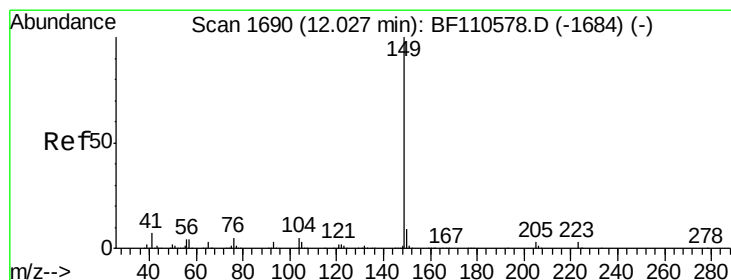
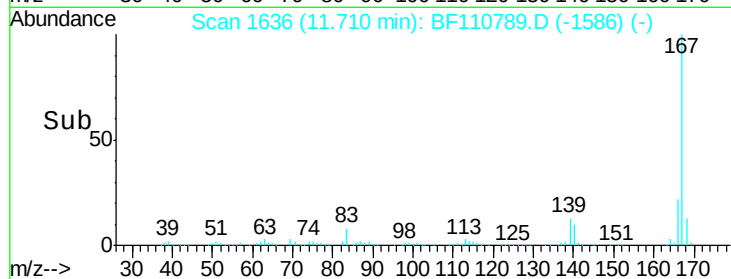
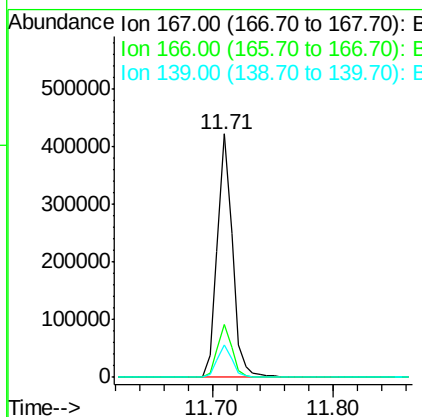
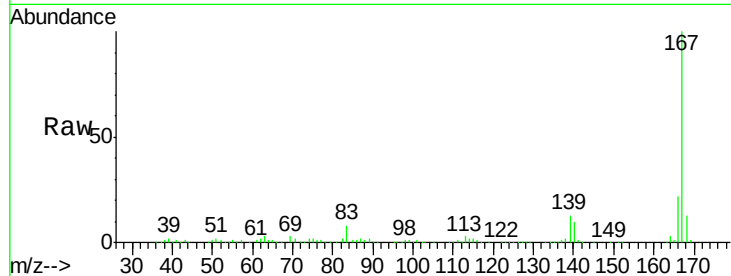




#73  
 Carbazole  
 Concen: 30.863 ng  
 RT: 11.71 min Scan# 1636  
 Delta R.T. -0.01 min  
 Lab File: BF110789.D  
 Acq: 15 Nov 2018 15:38

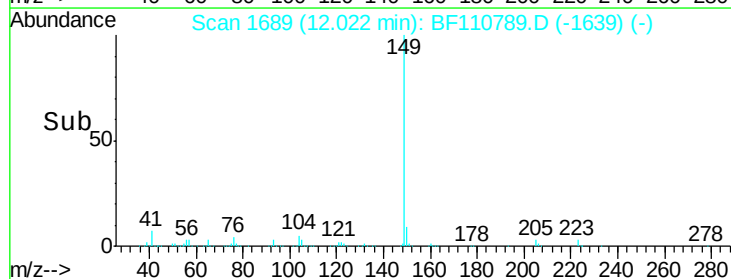
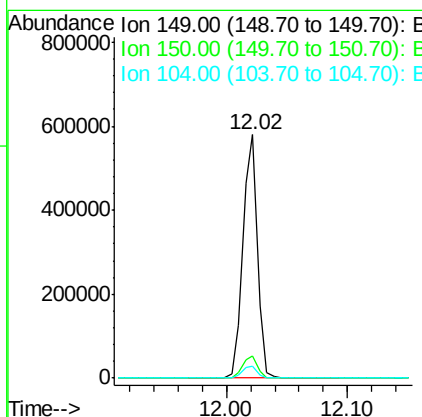
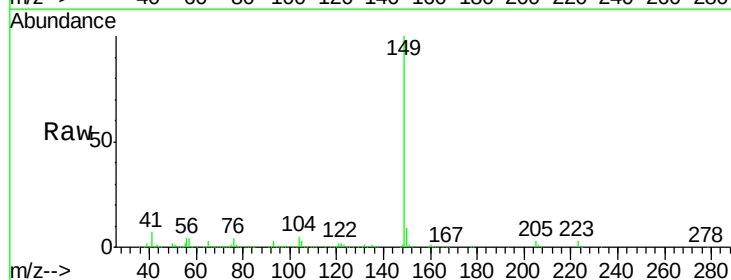
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSI-21-TW-2MS

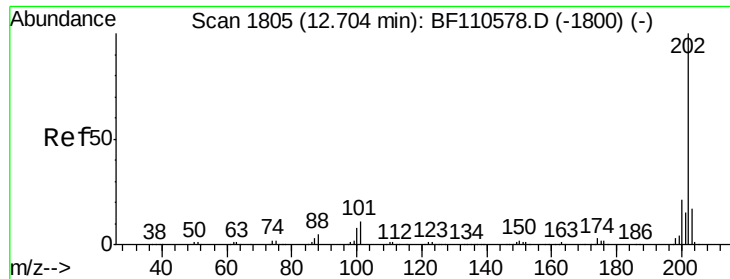
Tgt Ion:167 Resp: 362594  
 Ion Ratio Lower Upper  
 167 100  
 166 21.8 17.4 26.0  
 139 13.2 10.9 16.3



#74  
 Di-n-butylphthalate  
 Concen: 35.248 ng  
 RT: 12.02 min Scan# 1689  
 Delta R.T. -0.01 min  
 Lab File: BF110789.D  
 Acq: 15 Nov 2018 15:38

Tgt Ion:149 Resp: 485612  
 Ion Ratio Lower Upper  
 149 100  
 150 9.0 7.7 11.5  
 104 4.7 4.2 6.4

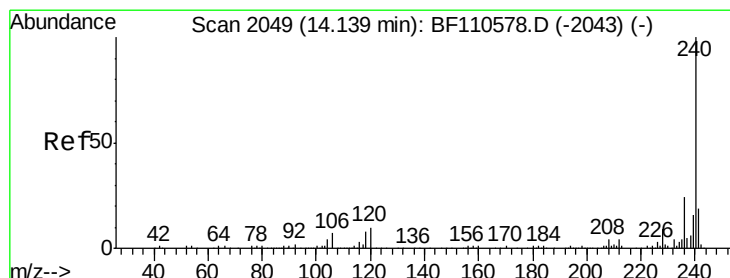
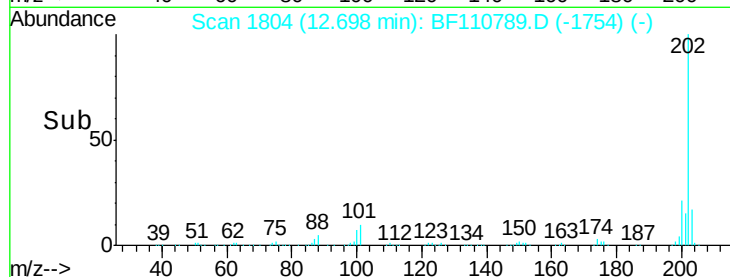
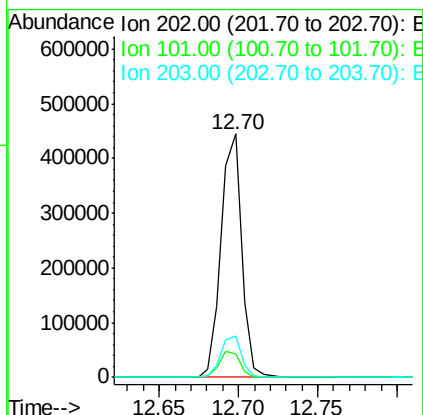
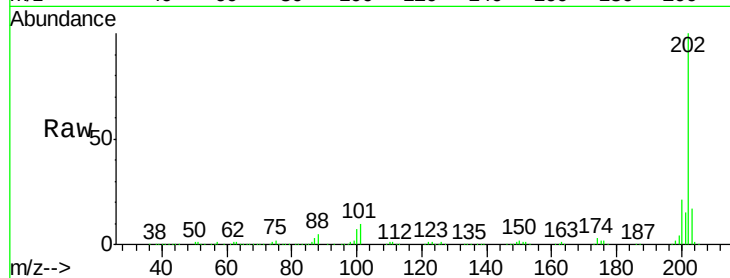




#75  
 Fluoranthene  
 Concen: 33.194 ng  
 RT: 12.70 min Scan# 1804  
 Delta R.T. -0.01 min  
 Lab File: BF110789.D  
 Acq: 15 Nov 2018 15:38

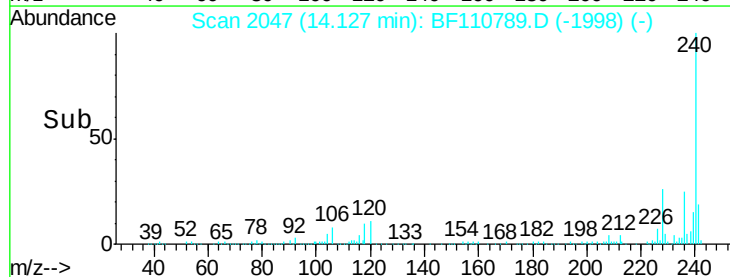
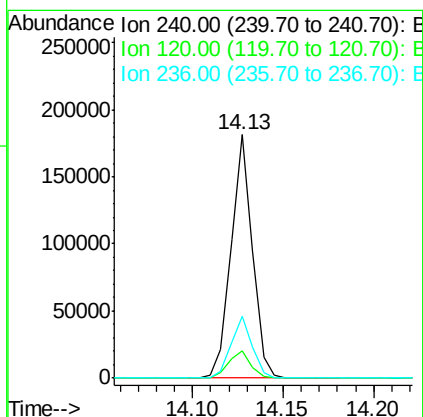
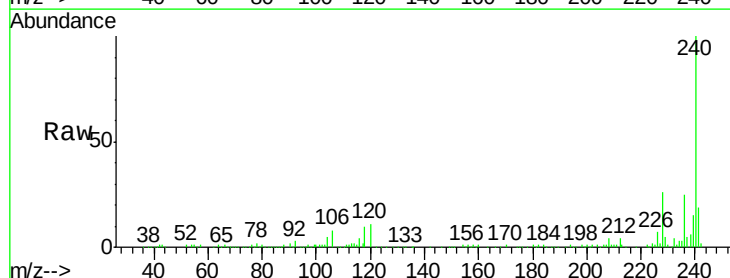
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSI-21-TW-2MS

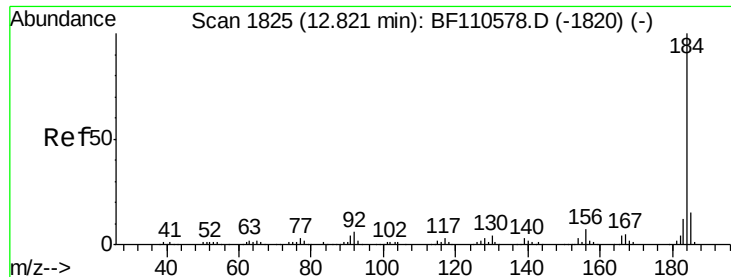
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 9.7   | 0.0   | 31.4  |
| 203     | 16.9  | 0.0   | 37.7  |



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.13 min Scan# 2047  
 Delta R.T. -0.01 min  
 Lab File: BF110789.D  
 Acq: 15 Nov 2018 15:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 11.2  | 8.3   | 12.5  |
| 236     | 25.3  | 21.2  | 31.8  |





#77

Benzidine

Concen: 27.524 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF110789.D

Acq: 15 Nov 2018 15:38

Instrument :

BNA\_F

ClientSampleId :

SSI-21-TW-2MS

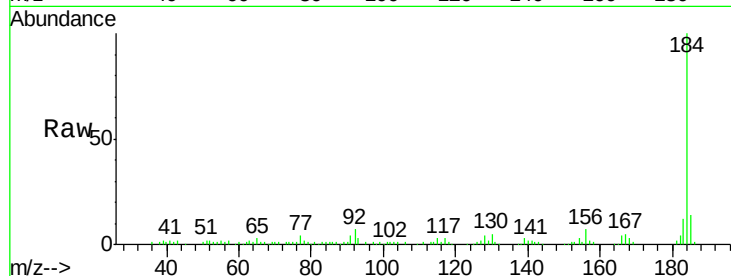
Tgt Ion:184 Resp: 112969

Ion Ratio Lower Upper

184 100

185 13.9 13.4 20.2

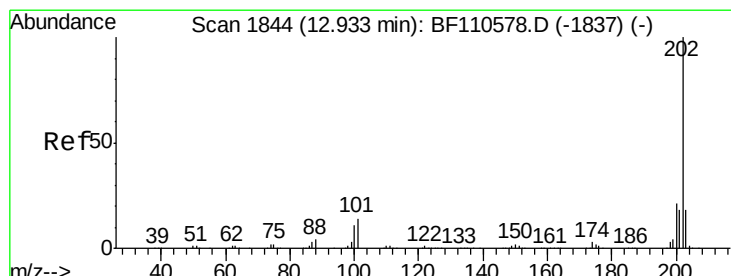
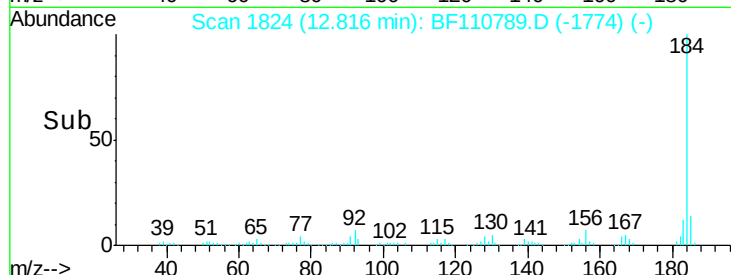
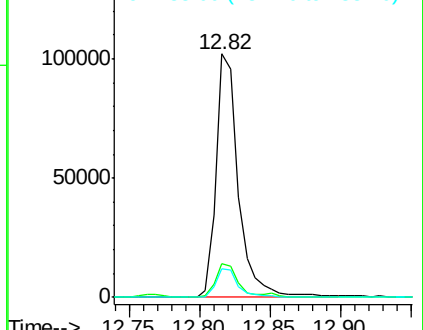
183 11.9 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 34.774 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF110789.D

Acq: 15 Nov 2018 15:38

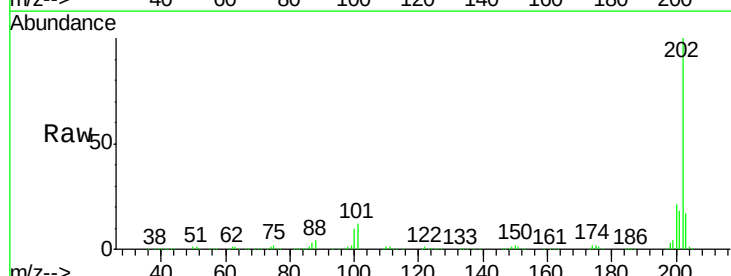
Tgt Ion:202 Resp: 399618

Ion Ratio Lower Upper

202 100

200 21.0 17.8 26.6

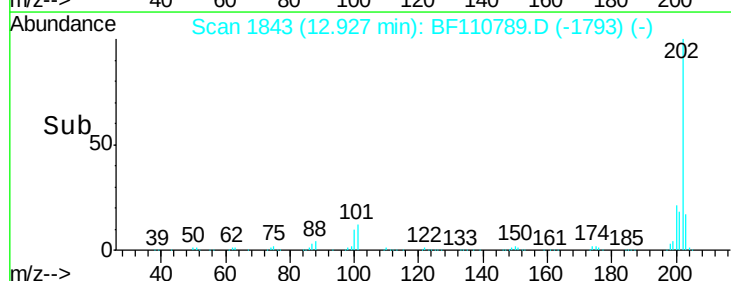
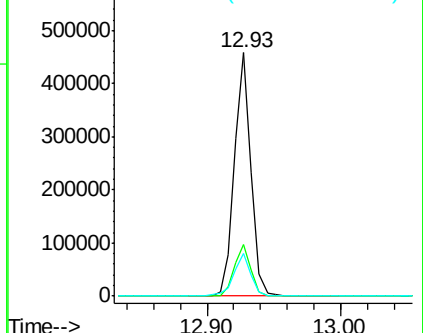
203 17.3 14.2 21.4

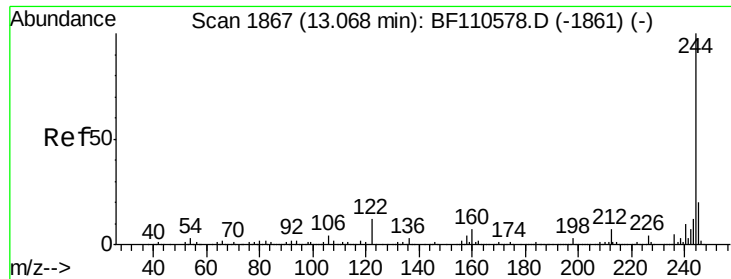


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

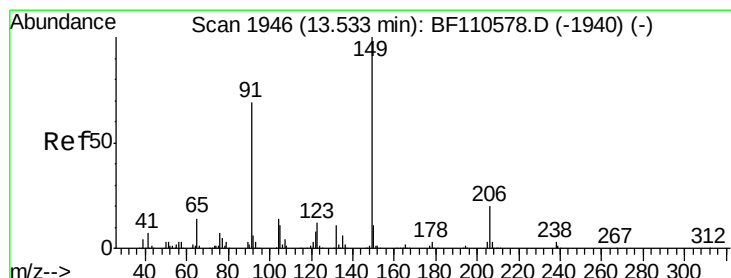
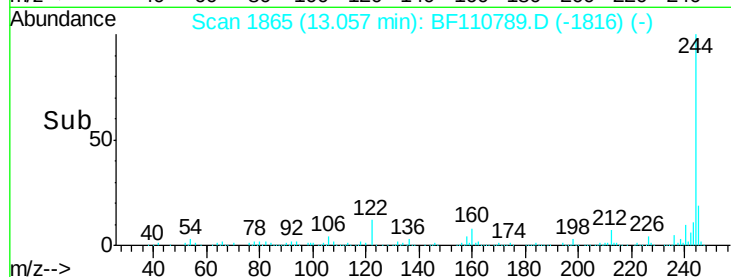
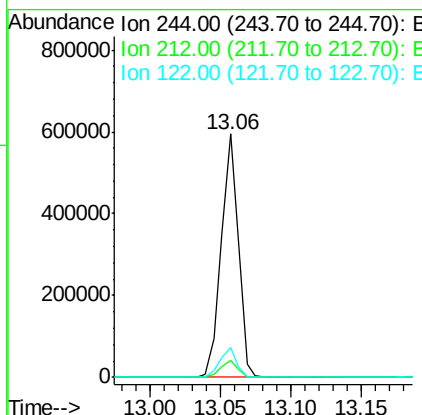
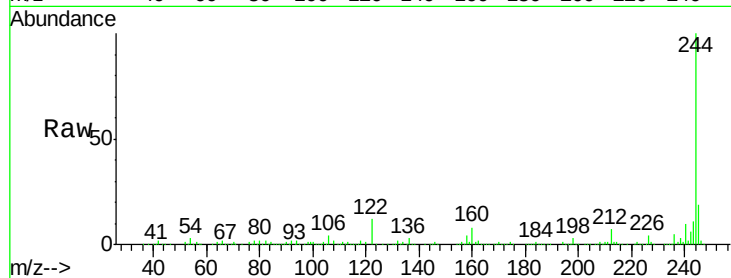




#79  
 Terphenyl-d14  
 Concen: 63.128 ng  
 RT: 13.06 min Scan# 1865  
 Delta R.T. -0.01 min  
 Lab File: BF110789.D  
 Acq: 15 Nov 2018 15:38

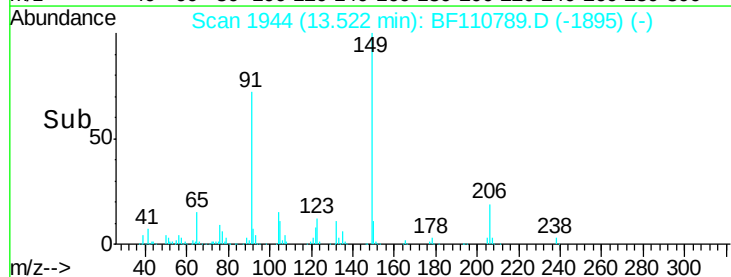
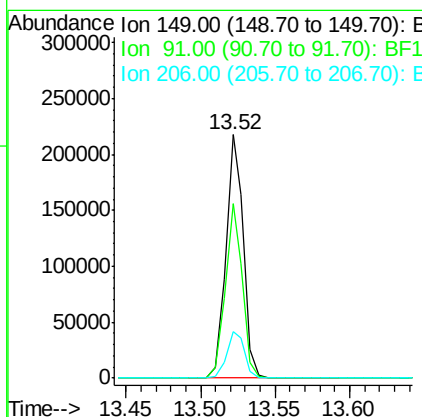
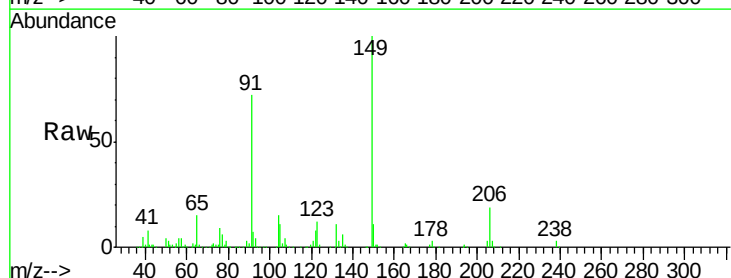
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSI-21-TW-2MS

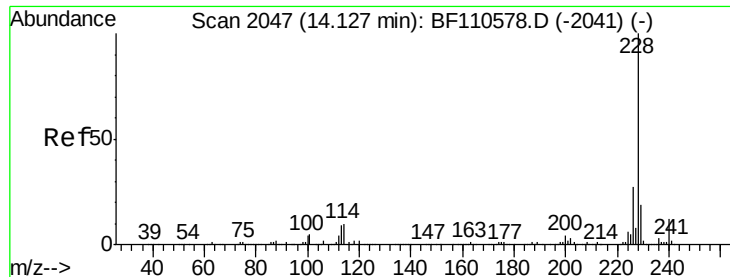
Tgt Ion: 244 Resp: 503099  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.8 8.8  
 122 12.1 8.7 13.1



#80  
 Butylbenzylphthalate  
 Concen: 36.582 ng  
 RT: 13.52 min Scan# 1944  
 Delta R.T. -0.01 min  
 Lab File: BF110789.D  
 Acq: 15 Nov 2018 15:38

Tgt Ion: 149 Resp: 180943  
 Ion Ratio Lower Upper  
 149 100  
 91 71.9 57.2 85.8  
 206 19.1 15.7 23.5





#81

Benzo(a)anthracene

Concen: 33.920 ng

RT: 14.12 min Scan# 2045

Delta R.T. -0.01 min

Lab File: BF110789.D

Acq: 15 Nov 2018 15:38

Instrument :

BNA\_F

ClientSampleId :

SSI-21-TW-2MS

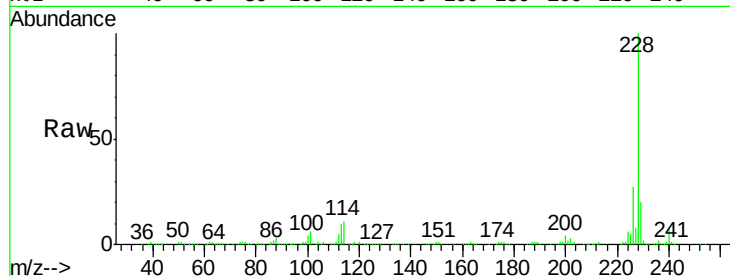
Tgt Ion: 228 Resp: 302595

Ion Ratio Lower Upper

228 100

226 26.7 22.1 33.1

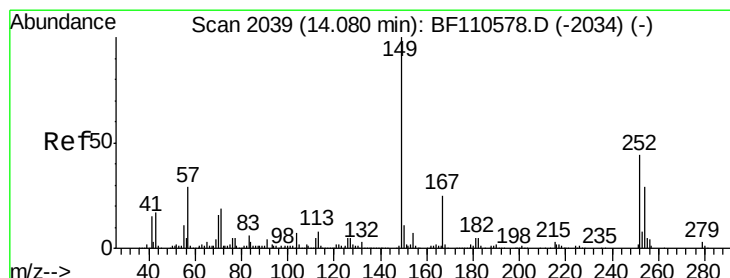
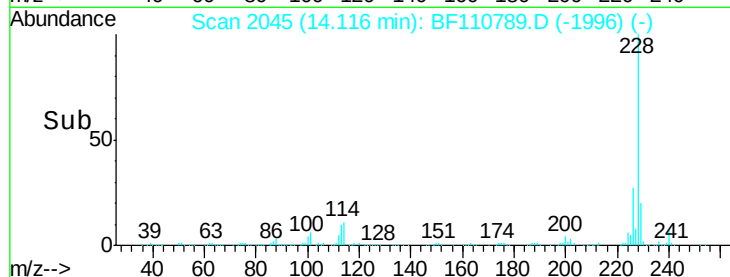
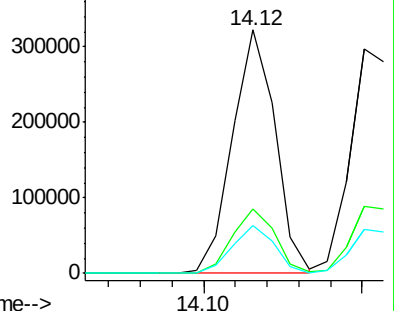
229 19.7 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 24.670 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF110789.D

Acq: 15 Nov 2018 15:38

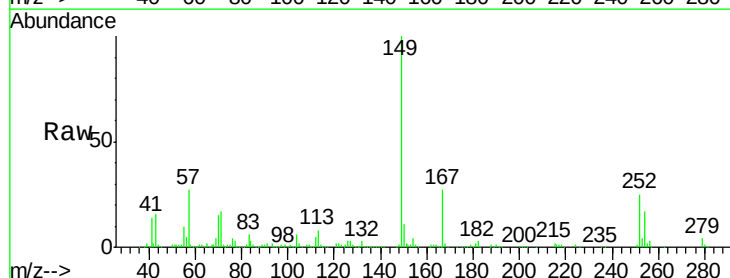
Tgt Ion: 252 Resp: 73724

Ion Ratio Lower Upper

252 100

254 66.2 51.3 76.9

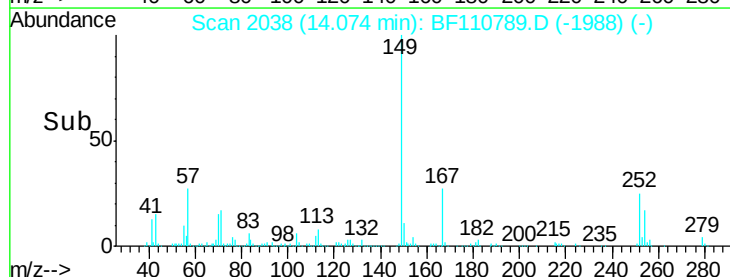
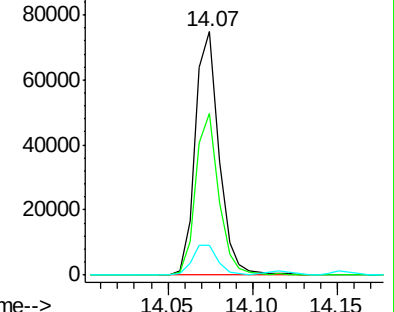
126 12.1 9.4 14.2

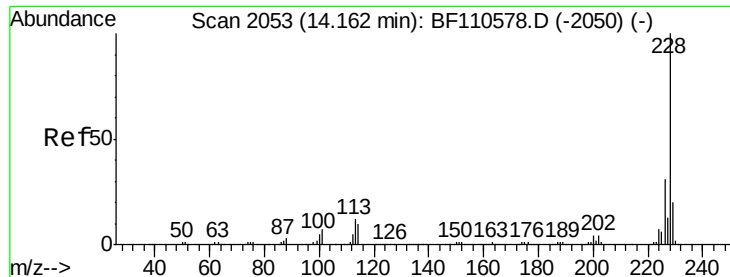


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 33.632 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF110789.D

Acq: 15 Nov 2018 15:38

Instrument :

BNA\_F

ClientSampleId :

SSI-21-TW-2MS

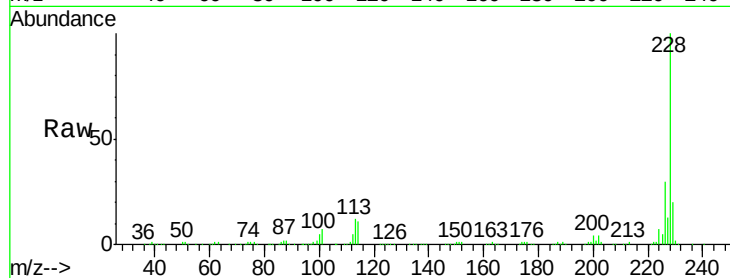
Tgt Ion: 228 Resp: 285839

Ion Ratio Lower Upper

228 100

226 29.7 24.7 37.1

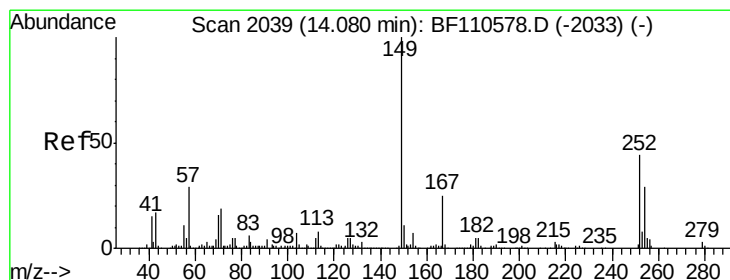
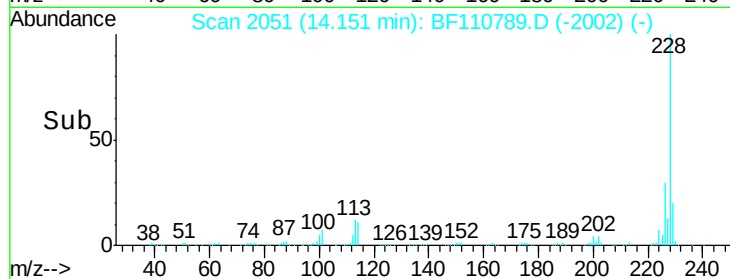
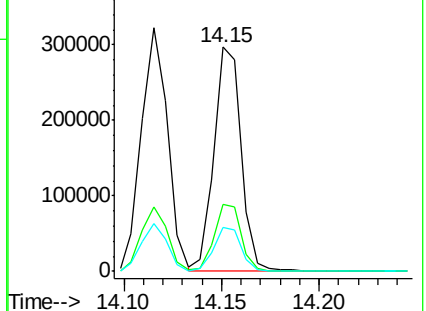
229 19.6 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.215 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF110789.D

Acq: 15 Nov 2018 15:38

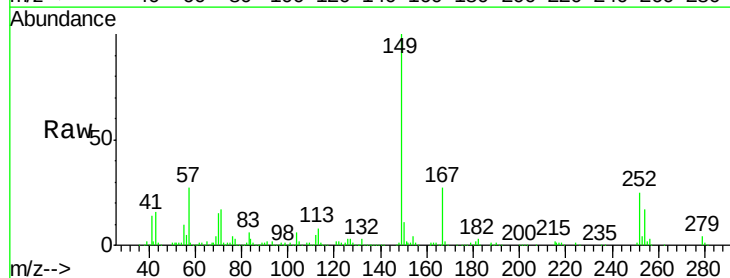
Tgt Ion: 149 Resp: 246758

Ion Ratio Lower Upper

149 100

167 27.2 19.8 29.8

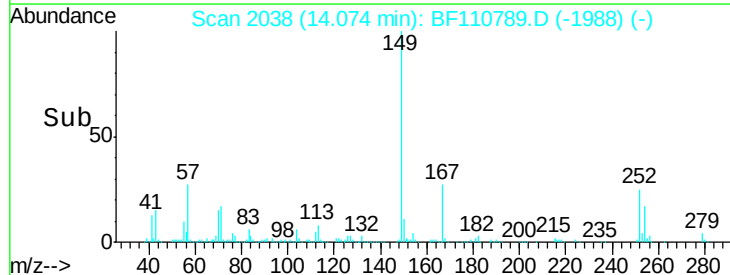
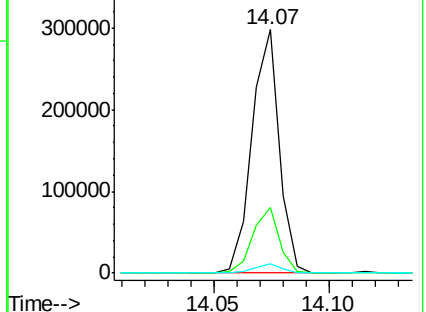
279 3.8 2.7 4.1

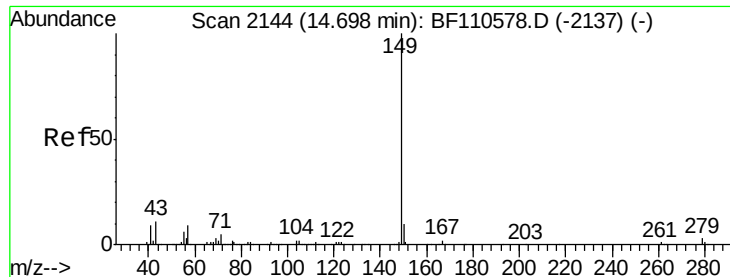


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

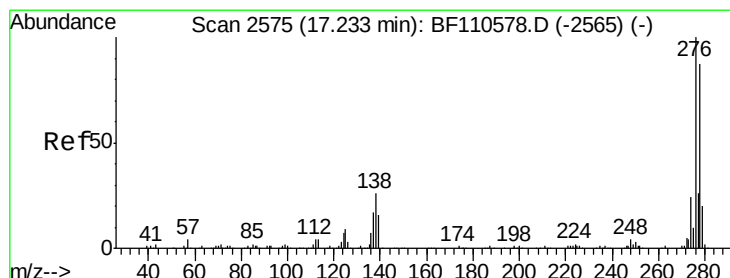
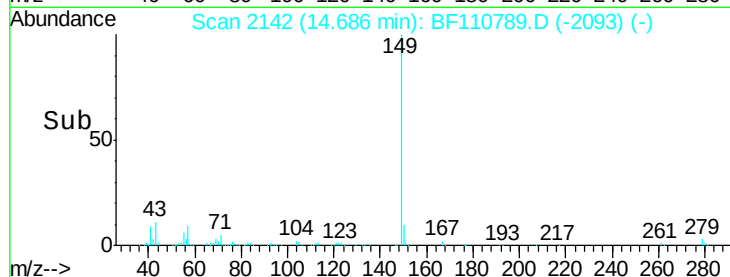
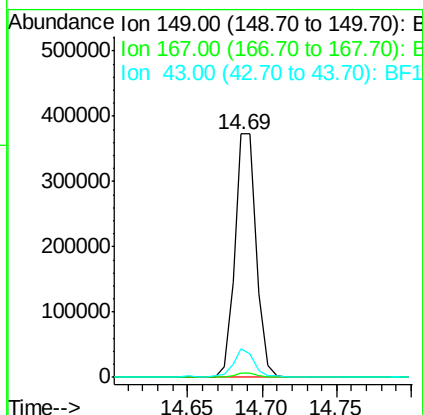
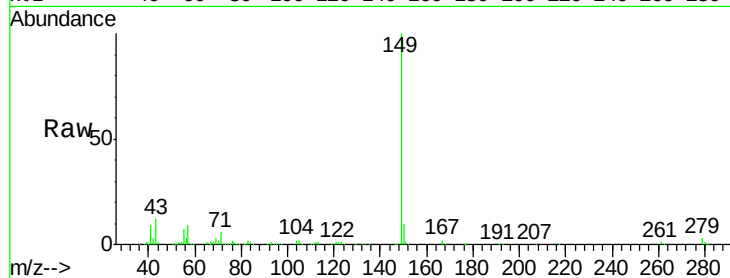




#85  
Di-n-octyl phthalate  
Concen: 41.563 ng  
RT: 14.69 min Scan# 2142  
Delta R.T. -0.01 min  
Lab File: BF110789.D  
Acq: 15 Nov 2018 15:38

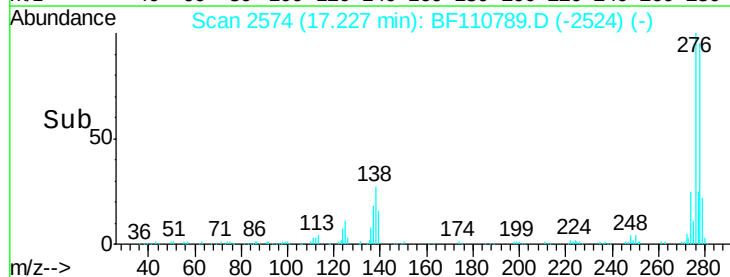
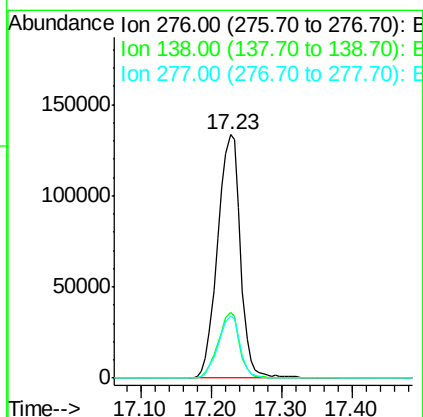
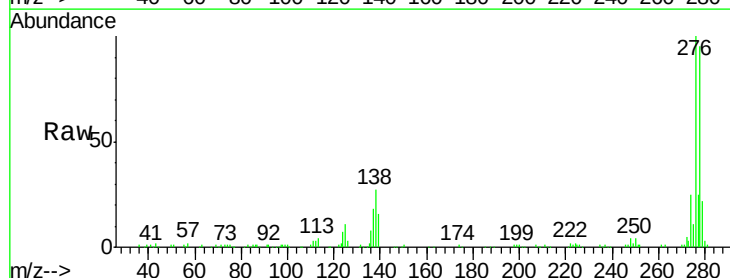
Instrument :  
BNA\_F  
ClientSampleId :  
SSI-21-TW-2MS

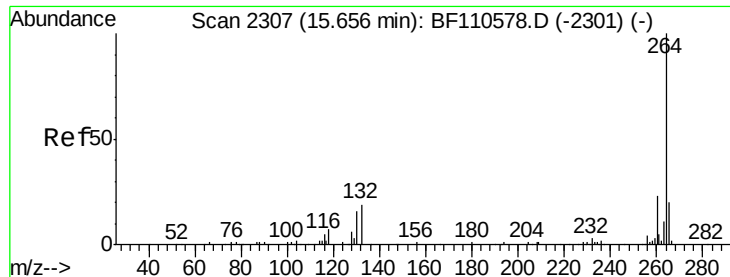
Tgt Ion:149 Resp: 375028  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.1 1.7  
43 10.7 7.8 11.8



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 49.074 ng  
RT: 17.23 min Scan# 2574  
Delta R.T. -0.01 min  
Lab File: BF110789.D  
Acq: 15 Nov 2018 15:38

Tgt Ion:276 Resp: 299293  
Ion Ratio Lower Upper  
276 100  
138 25.4 18.5 27.7  
277 24.6 20.0 30.0

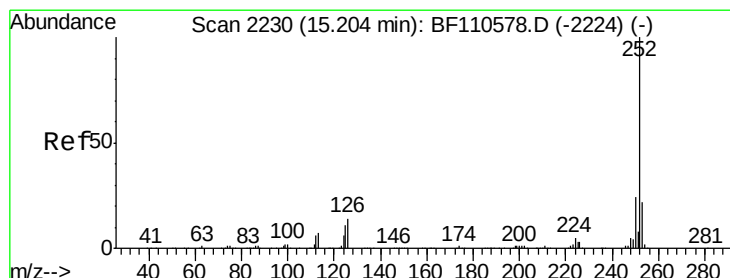
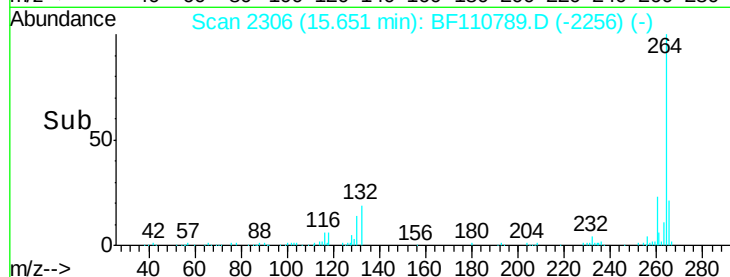
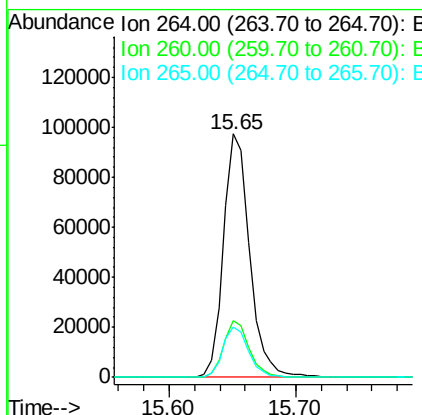
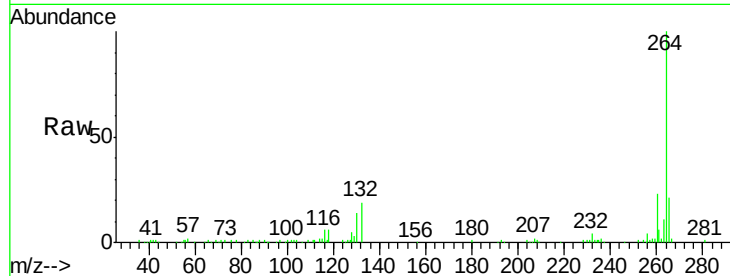




#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.65 min Scan# 2306  
 Delta R.T. -0.01 min  
 Lab File: BF110789.D  
 Acq: 15 Nov 2018 15:38

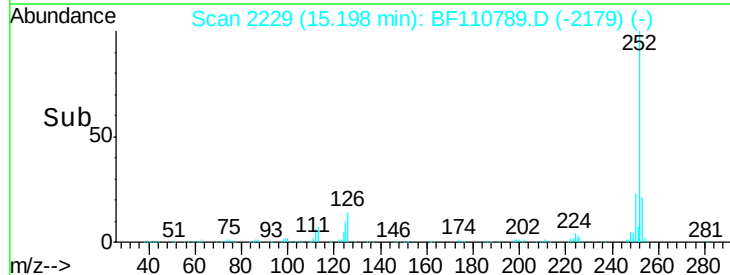
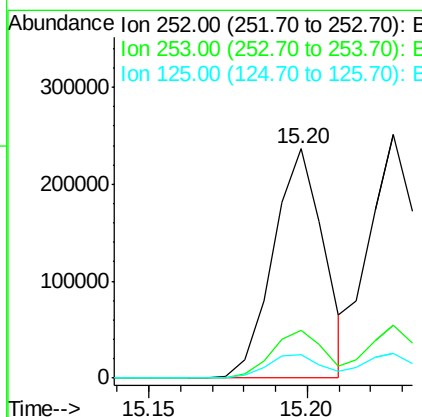
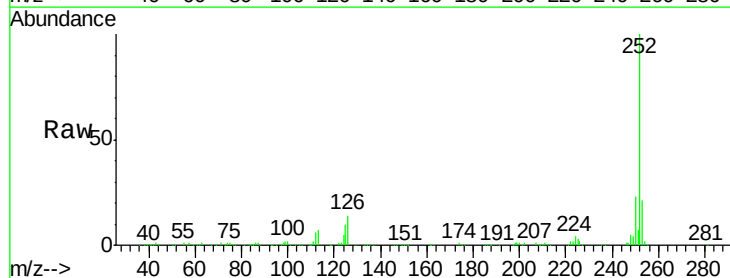
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSI-21-TW-2MS

Tgt Ion: 264 Resp: 138945  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 18.7 28.1  
 265 20.8 16.7 25.1

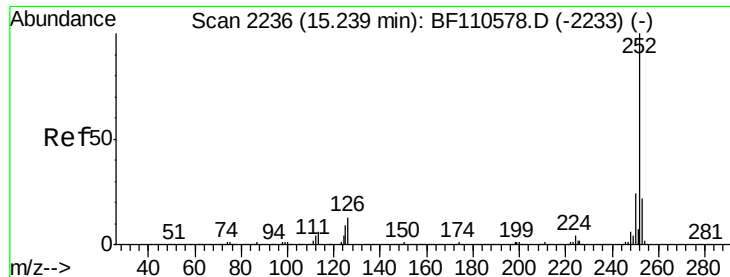


#88  
 Benzo(b)fluoranthene  
 Concen: 31.613 ng  
 RT: 15.20 min Scan# 2229  
 Delta R.T. -0.01 min  
 Lab File: BF110789.D  
 Acq: 15 Nov 2018 15:38

Tgt Ion: 252 Resp: 262771  
 Ion Ratio Lower Upper  
 252 100  
 253 21.1 17.2 25.8  
 125 10.3 8.2 12.4







#89

Benzo(k)fluoranthene

Concen: 32.688 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BF110789.D

Acq: 15 Nov 2018 15:38

Instrument :

BNA\_F

ClientSampleId :

SSI-21-TW-2MS

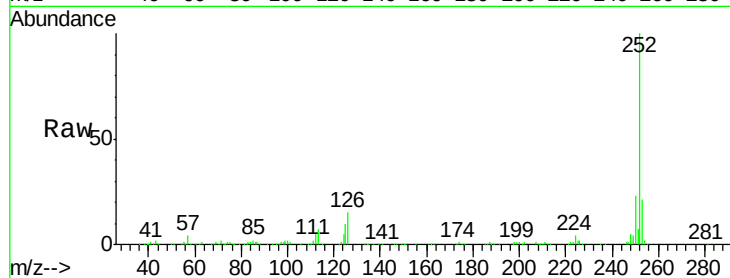
Tgt Ion:252 Resp: 268480

Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

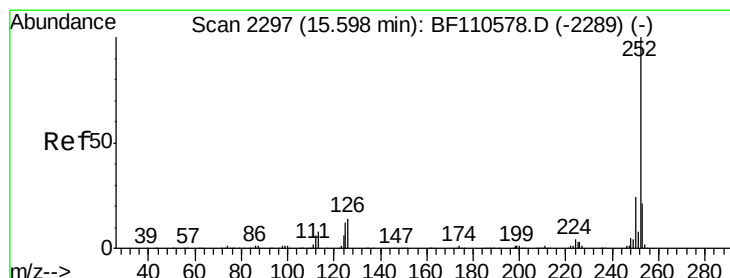
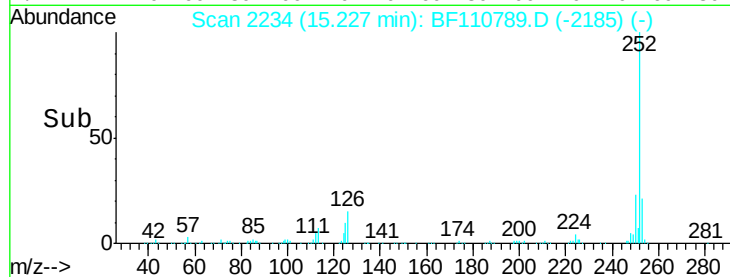
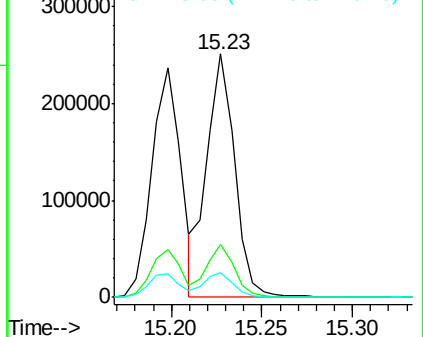
125 10.2 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 34.832 ng

RT: 15.59 min Scan# 2295

Delta R.T. -0.01 min

Lab File: BF110789.D

Acq: 15 Nov 2018 15:38

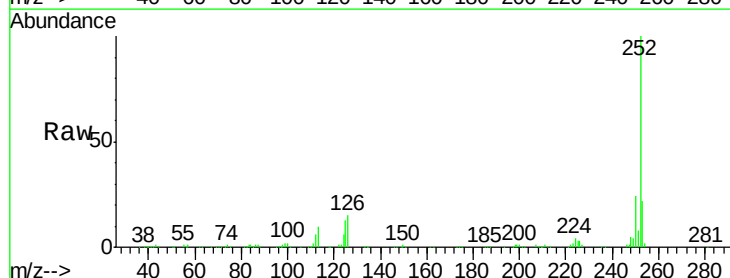
Tgt Ion:252 Resp: 263056

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.4

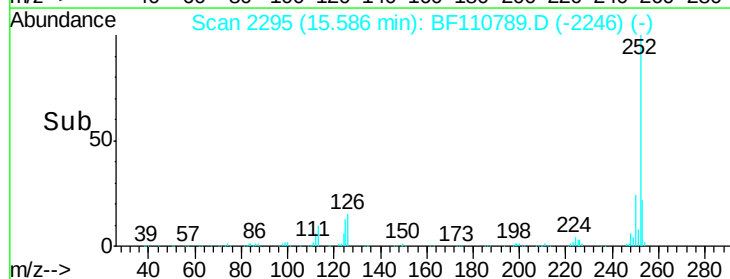
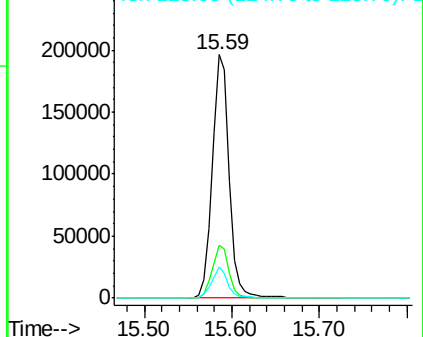
125 12.6 9.0 13.6

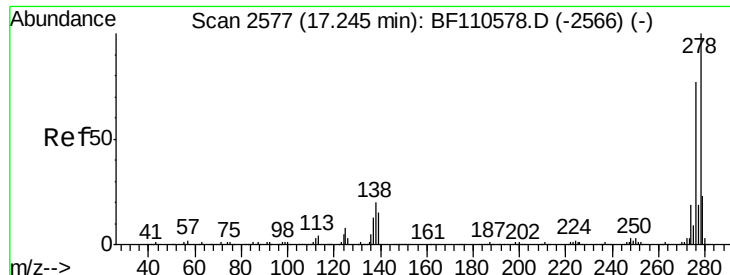


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

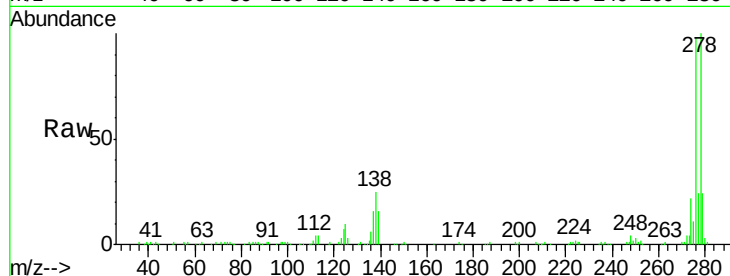




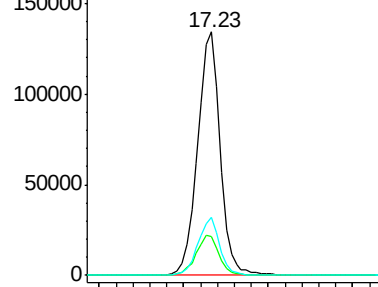
#91  
Dibenzo(a,h)anthracene  
Concen: 38.684 ng  
RT: 17.23 min Scan# 2575  
Delta R.T. -0.01 min  
Lab File: BF110789.D  
Acq: 15 Nov 2018 15:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSI-21-TW-2MS

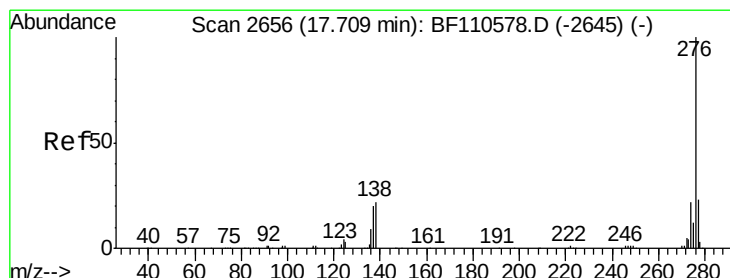
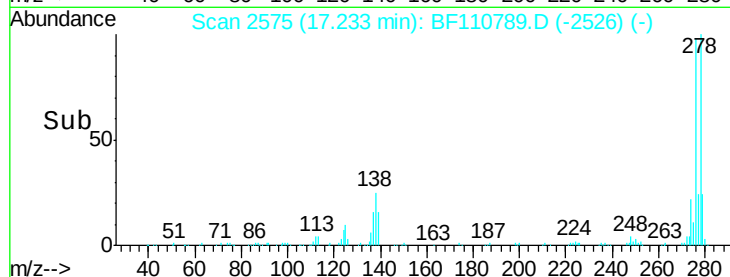
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 16.2  | 12.7  | 19.1  |
| 279     | 23.8  | 19.0  | 28.4  |



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

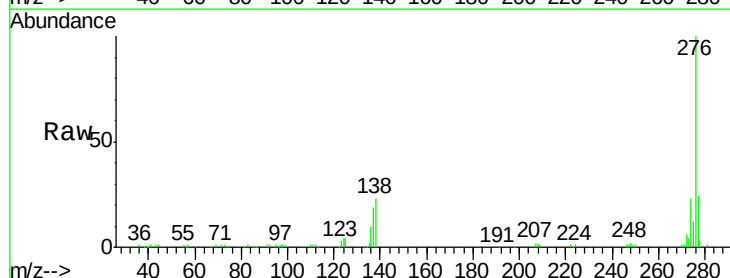


Time--> 17.10 17.20 17.30 17.40

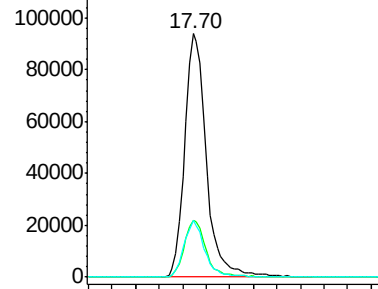


#92  
Benzo(g,h,i)perylene  
Concen: 37.802 ng  
RT: 17.70 min Scan# 2654  
Delta R.T. -0.01 min  
Lab File: BF110789.D  
Acq: 15 Nov 2018 15:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.5  | 18.8  | 28.2  |
| 138     | 23.2  | 16.0  | 24.0  |



Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 277.00 (276.70 to 277.70): E  
Ion 138.00 (137.70 to 138.70): E



Time--> 17.60 17.80

