

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102017\  
 Data File : BM012332.D  
 Acq On : 20 Oct 2017 22:47  
 Operator : SJ/JU  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleID :  
 SSTD02021

Quant Time: Oct 23 01:23:16 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Oct 23 01:17:35 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.77  | 152  | 191234   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.57 | 136  | 876443   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.42 | 164  | 574188   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.18 | 188  | 1359466  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.36 | 240  | 1628090  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.65 | 264  | 1589968  | 20.00 | ng/ul | -0.01    |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.19  | 96  | 29423   | 7.31  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.95  | 99  | 294325  | 18.97 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.10  | 67  | 183374  | 19.71 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.30  | 132 | 254913  | 19.37 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.49  | 113 | 265839  | 19.90 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.94  | 128 | 126398  | 18.90 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.67  | 143 | 152318  | 19.49 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.21 | 165 | 295563  | 19.81 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.72 | 131 | 358913  | 25.70 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.84 | 166 | 1002583 | 19.76 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.12 | 160 | 1179214 | 19.20 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.67 | 143 | 102456  | 13.43 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.42 | 176 | 818730  | 19.66 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.57 | 200 | 161423  | 17.30 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.28 | 188 | 1292937 | 19.23 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.57 | 212 | 1463390 | 17.71 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.51 | 264 | 1505306 | 19.64 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |        | Ovalue |     |
|--------------------------------|-------|-----|--------|--------|--------|-----|
| 2) 1,4-Dioxane                 | 3.23  | 88  | 29826  | 7.264  | ng/uL# | 82  |
| 4) Benzaldehyde                | 6.92  | 77  | 204410 | 19.715 | ng/ul  | 96  |
| 6) Phenol                      | 6.97  | 94  | 306719 | 19.122 | ng/ul  | 96  |
| 8) Bis(2-Chloroethyl)ether     | 7.20  | 93  | 236746 | 19.368 | ng/ul  | 91  |
| 10) 2-Chlorophenol             | 7.34  | 128 | 259065 | 19.287 | ng/ul  | 94  |
| 11) 2-Methylphenol             | 8.22  | 108 | 238114 | 19.738 | ng/ul  | 98  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.31  | 45  | 309484 | 19.940 | ng/ul  | 94  |
| 14) Acetophenone               | 8.61  | 105 | 416567 | 20.518 | ng/ul# | 90  |
| 15) N-Nitroso-di-n-propylamine | 8.58  | 70  | 226342 | 20.802 | ng/ul# | 89  |
| 16) 4-Methylphenol             | 8.55  | 108 | 268453 | 20.194 | ng/ul  | 95  |
| 17) Hexachloroethane           | 8.84  | 117 | 111463 | 19.666 | ng/ul  | 86  |
| 20) Nitrobenzene               | 8.98  | 77  | 322703 | 19.419 | ng/ul  | 96  |
| 21) Isophorone                 | 9.51  | 82  | 620855 | 19.998 | ng/ul  | 96  |
| 23) 2-Nitrophenol              | 9.70  | 139 | 165299 | 19.723 | ng/ul  | 93  |
| 24) 2,4-Dimethylphenol         | 9.75  | 107 | 330655 | 19.577 | ng/ul  | 98  |
| 25) Bis(2-Chloroethoxy)methane | 9.98  | 93  | 351414 | 19.304 | ng/ul  | 99  |
| 27) 2,4-Dichlorophenol         | 10.24 | 162 | 284596 | 19.363 | ng/ul  | 96  |
| 28) Naphthalene                | 10.62 | 128 | 869371 | 19.172 | ng/ul  | 98  |
| 30) 4-Chloroaniline            | 10.75 | 127 | 354610 | 25.823 | ng/ul  | 100 |
| 31) Hexachlorobutadiene        | 10.88 | 225 | 209982 | 19.276 | ng/ul  | 97  |
| 32) Caprolactam                | 11.55 | 113 | 56286  | 12.130 | ng/ul  | 89  |
| 33) 4-Chloro-3-methylphenol    | 11.88 | 107 | 310134 | 20.139 | ng/ul  | 99  |
| 34) 2-Methylnaphthalene        | 12.24 | 142 | 674074 | 19.699 | ng/ul  | 97  |

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 Data File : BM012332.D  
 Acq On : 20 Oct 2017 22:47  
 Operator : SJ/JU  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

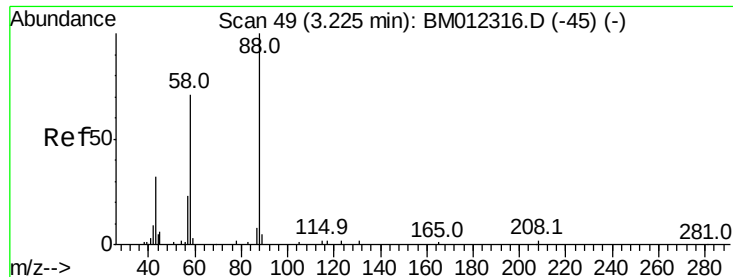
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02021

Quant Time: Oct 23 01:23:16 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Oct 23 01:17:35 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.61 | 216  | 381074   | 18.282 | ng/ul# | 98       |
| 37) Hexachlorocyclopentadiene  | 12.57 | 237  | 171983   | 18.513 | ng/ul  | 99       |
| 38) 2,4,6-Trichlorophenol      | 12.87 | 196  | 251932   | 18.230 | ng/ul  | 98       |
| 39) 2,4,5-Trichlorophenol      | 12.95 | 196  | 258495   | 18.175 | ng/ul  | 97       |
| 40) 1,1'-Biphenyl              | 13.25 | 154  | 913336   | 18.847 | ng/ul  | 99       |
| 41) 2-Chloronaphthalene        | 13.30 | 162  | 726364   | 19.103 | ng/ul  | 98       |
| 42) 2-Nitroaniline             | 13.52 | 65   | 201931   | 19.087 | ng/ul  | 90       |
| 44) Dimethylphthalate          | 13.88 | 163  | 993333   | 19.537 | ng/ul  | 99       |
| 45) 2,6-Dinitrotoluene         | 14.02 | 165  | 197269   | 19.547 | ng/ul  | 91       |
| 47) Acenaphthylene             | 14.15 | 152  | 1157994  | 19.197 | ng/ul  | 98       |
| 48) 3-Nitroaniline             | 14.36 | 138  | 175456   | 22.346 | ng/ul  | 92       |
| 49) Acenaphthene               | 14.49 | 153  | 777796   | 19.143 | ng/ul  | 98       |
| 50) 2,4-Dinitrophenol          | 14.59 | 184  | 108675   | 18.963 | ng/ul  | 88       |
| 52) 4-Nitrophenol              | 14.68 | 109  | 103830   | 15.143 | ng/ul  | 94       |
| 53) Dibenzofuran               | 14.82 | 168  | 1143318  | 19.542 | ng/ul  | 95       |
| 54) 2,4-Dinitrotoluene         | 14.82 | 165  | 296858   | 20.296 | ng/ul# | 70       |
| 55) 2,3,4,6-Tetrachlorophenol  | 15.06 | 232  | 234983   | 18.054 | ng/ul# | 84       |
| 56) Diethylphthalate           | 15.24 | 149  | 1036642  | 18.862 | ng/ul  | 98       |
| 58) Fluorene                   | 15.48 | 166  | 934868   | 19.240 | ng/ul  | 98       |
| 59) 4-Chlorophenyl-phenylether | 15.47 | 204  | 490945   | 19.234 | ng/ul  | 94       |
| 60) 4-Nitroaniline             | 15.52 | 138  | 166065   | 17.129 | ng/ul  | 91       |
| 63) 4,6-Dinitro-2-methylphenol | 15.59 | 198  | 166362   | 16.890 | ng/ul# | 88       |
| 64) N-Nitrosodiphenylamine     | 15.68 | 169  | 808250   | 18.994 | ng/ul  | 100      |
| 65) 4-Bromophenyl-phenylether  | 16.36 | 248  | 307756   | 18.912 | ng/ul  | 93       |
| 66) Hexachlorobenzene          | 16.48 | 284  | 345438   | 18.737 | ng/ul  | 95       |
| 67) Atrazine                   | 16.64 | 200  | 337011   | 18.941 | ng/ul  | 98       |
| 68) Pentachlorophenol          | 16.84 | 266  | 173444   | 16.869 | ng/ul  | 97       |
| 69) Phenanthrene               | 17.22 | 178  | 1475783  | 19.083 | ng/ul  | 99       |
| 71) Anthracene                 | 17.31 | 178  | 1526679  | 19.068 | ng/ul  | 99       |
| 72) Carbazole                  | 17.59 | 167  | 1282991  | 18.934 | ng/ul  | 99       |
| 73) Di-n-butylphthalate        | 18.13 | 149  | 1755828  | 18.664 | ng/ul  | 99       |
| 74) Fluoranthene               | 19.24 | 202  | 1810245  | 19.396 | ng/ul# | 95       |
| 77) Pyrene                     | 19.60 | 202  | 1906947  | 17.736 | ng/ul# | 94       |
| 78) Butylbenzylphthalate       | 20.48 | 149  | 853934   | 17.841 | ng/ul  | 90       |
| 79) 3,3'-Dichlorobenzidine     | 21.28 | 252  | 637690   | 19.681 | ng/ul  | 99       |
| 80) Benzo(a)anthracene         | 21.35 | 228  | 1923959  | 18.161 | ng/ul  | 99       |
| 81) Bis(2-ethylhexyl)phthalate | 21.25 | 149  | 1283128  | 17.866 | ng/ul  | 97       |
| 82) Chrysene                   | 21.40 | 228  | 1784159  | 17.938 | ng/ul  | 99       |
| 84) Di-n-octyl phthalate       | 22.14 | 149  | 2253422  | 19.386 | ng/ul# | 95       |
| 85) Benzo(b)fluoranthene       | 22.96 | 252  | 1944355  | 18.739 | ng/ul# | 99       |
| 86) Benzo(k)fluoranthene       | 23.01 | 252  | 1950270  | 19.504 | ng/ul# | 98       |
| 88) Benzo(a)pyrene             | 23.55 | 252  | 1848080  | 18.898 | ng/ul# | 97       |
| 89) Indeno(1,2,3-cd)pyrene     | 26.00 | 276  | 1864310  | 17.952 | ng/ul# | 95       |
| 90) Dibenzo(a,h)anthracene     | 26.00 | 278  | 1593617  | 18.254 | ng/ul# | 98       |
| 91) Benzo(g,h,i)perylene       | 26.72 | 276  | 1491123  | 17.531 | ng/ul# | 96       |

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





#2

1,4-Dioxane

Concen: 7.264 ng/uL

RT: 3.23 min Scan# 49

Delta R.T. 0.00 min

Lab File: BM012332.D

Acq: 20 Oct 2017 22:47

Instrument :

BNA\_M

ClientSampled :

SSTD02021

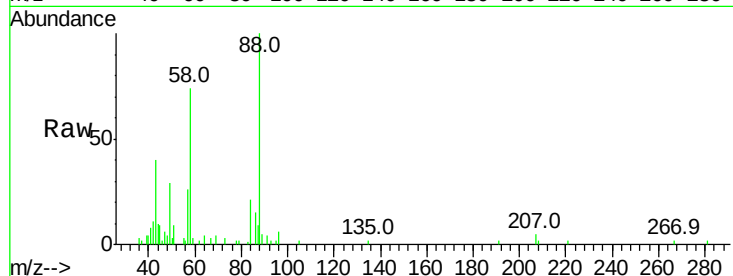
Tot Ion: 88 Resp: 29826

Ion Ratio Lower Upper

88 100

43 39.3 22.8 34.2#

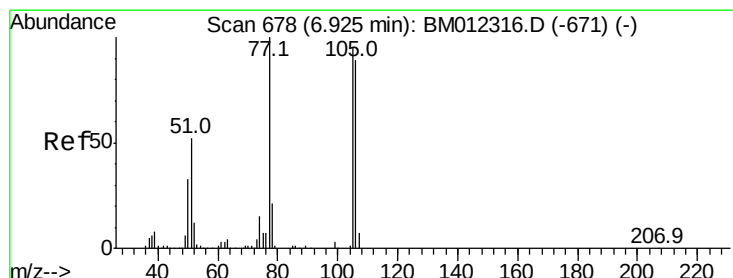
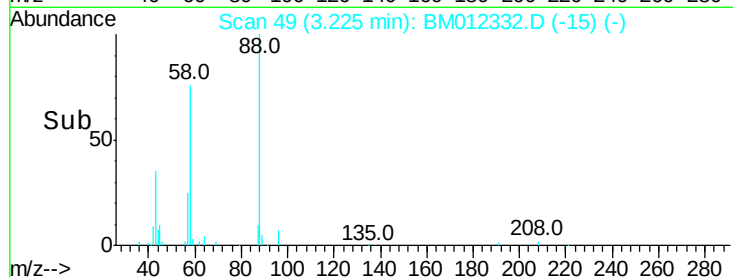
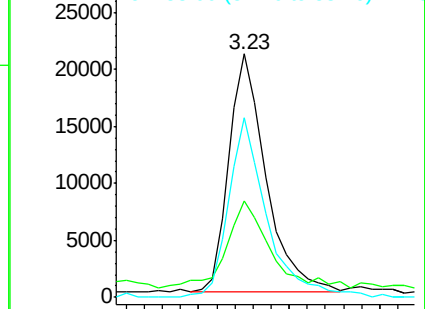
58 77.7 51.8 77.6#



Abundance Ion 88.00 (87.70 to 88.70): BM012332.D (-15) (-)

Ion 43.00 (42.70 to 43.70): BM012332.D (-15) (-)

Ion 58.00 (57.70 to 58.70): BM012332.D (-15) (-)



#4

Benzaldehyde

Concen: 19.715 ng/uL

RT: 6.92 min Scan# 678

Delta R.T. 0.00 min

Lab File: BM012332.D

Acq: 20 Oct 2017 22:47

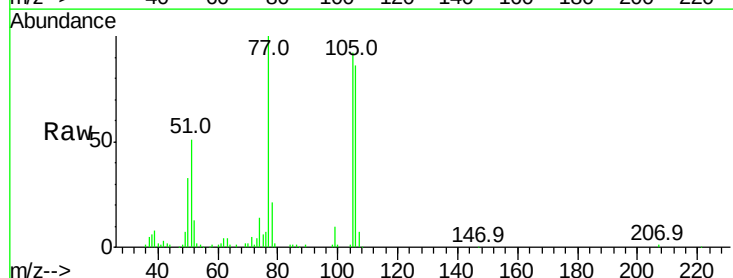
Tgt Ion: 77 Resp: 204410

Ion Ratio Lower Upper

77 100

105 91.8 78.4 117.6

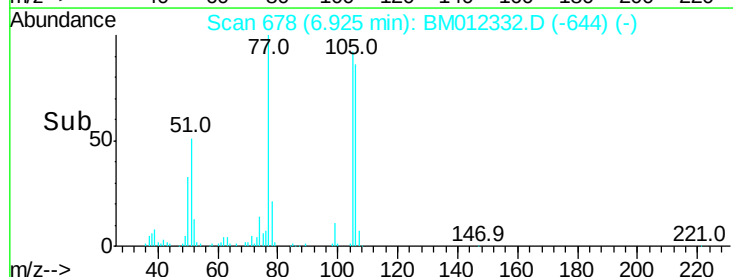
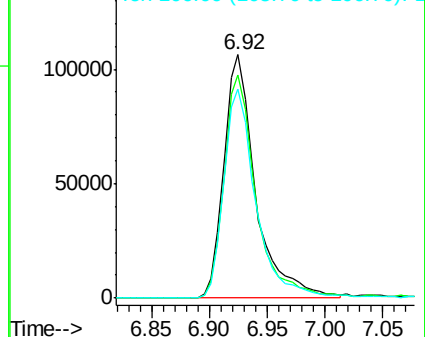
106 86.1 70.6 106.0

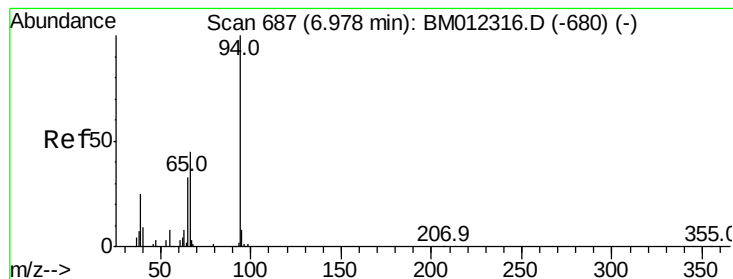


Abundance Ion 77.00 (76.70 to 77.70): BM012332.D (-644) (-)

Ion 105.00 (104.70 to 105.70): BM012332.D (-644) (-)

Ion 106.00 (105.70 to 106.70): BM012332.D (-644) (-)





#6

Phenol

Concen: 19.122 ng/ul

RT: 6.97 min Scan# 686

Delta R.T. -0.01 min

Lab File: BM012332.D

Acq: 20 Oct 2017 22:47

Instrument :

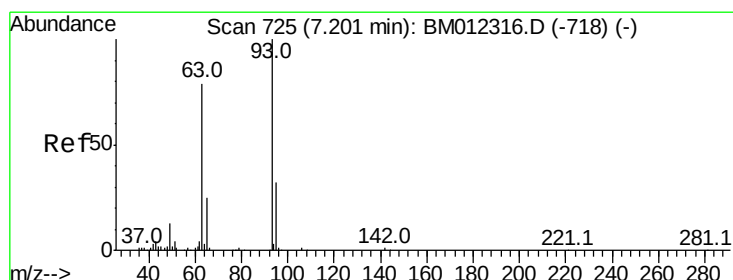
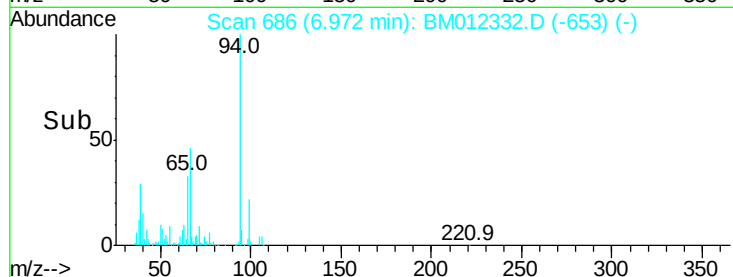
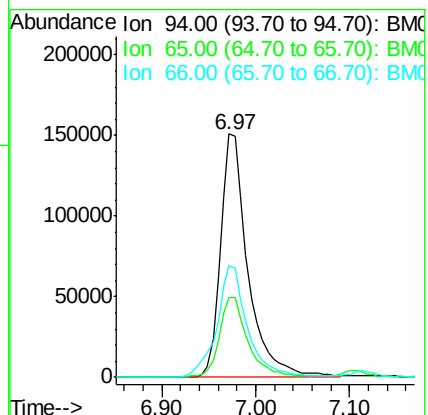
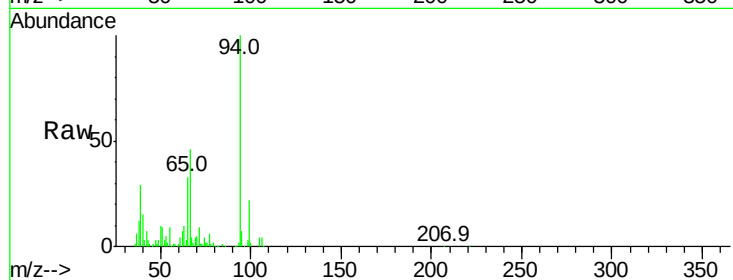
BNA\_M

ClientSampleId :

SSTD02021

Tot Ion: 94 Resp: 306719

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 32.7  | 24.4  | 36.6  |
| 66  | 46.1  | 35.0  | 52.4  |



#8

Bis(2-Chloroethyl)ether

Concen: 19.368 ng/ul

RT: 7.20 min Scan# 724

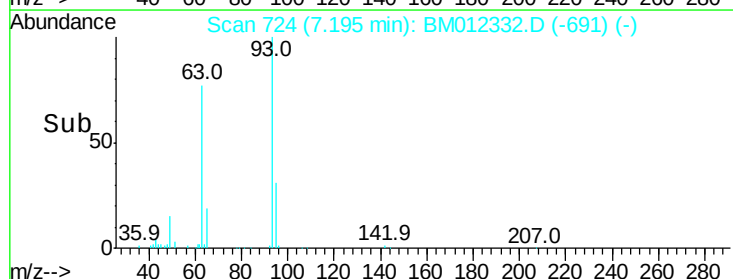
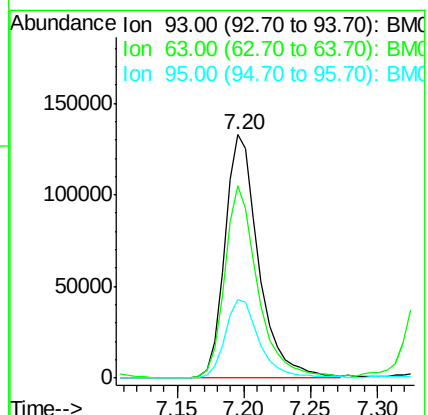
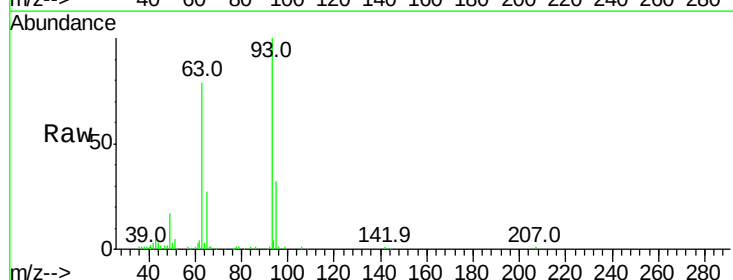
Delta R.T. -0.01 min

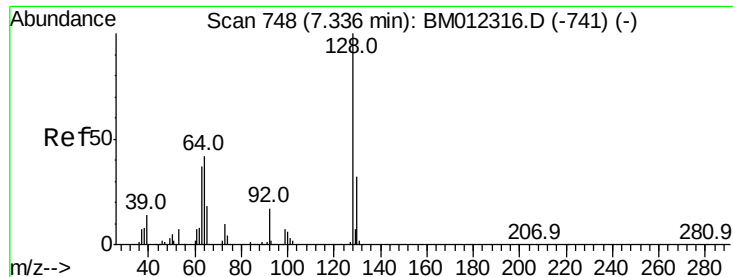
Lab File: BM012332.D

Acq: 20 Oct 2017 22:47

Tgt Ion: 93 Resp: 236746

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 78.9  | 54.6  | 82.0  |
| 95  | 32.4  | 25.8  | 38.6  |

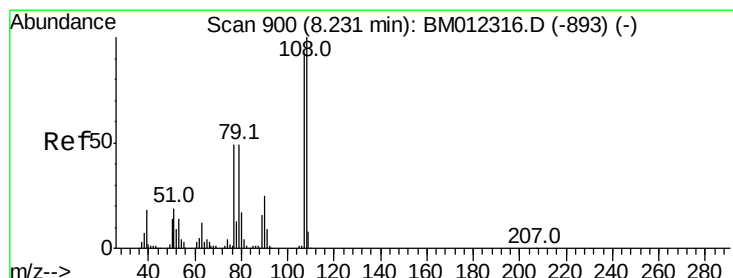
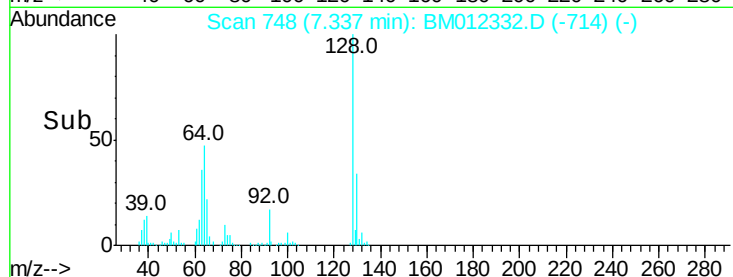
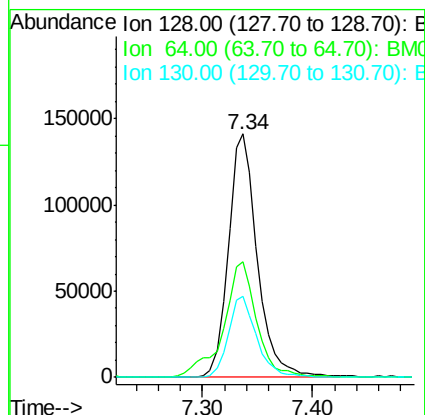
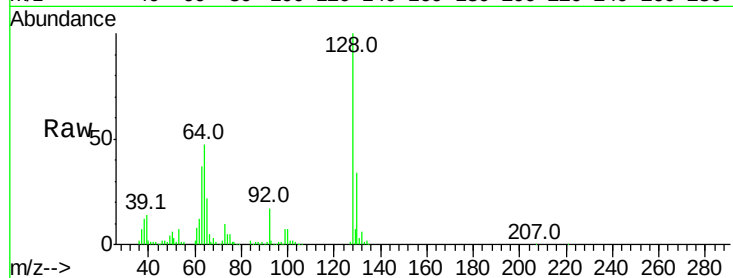




#10  
2-Chlorophenol  
Concen: 19.287 ng/ul  
RT: 7.34 min Scan# 748  
Delta R.T. 0.00 min  
Lab File: BM012332.D  
Acq: 20 Oct 2017 22:47

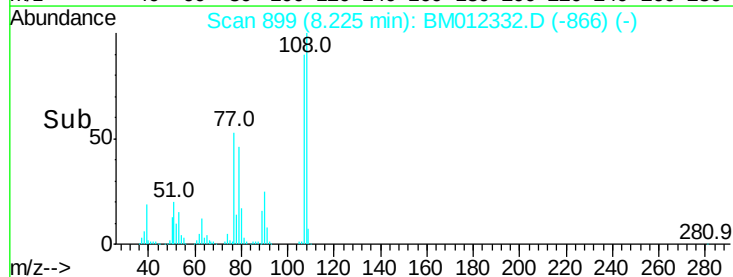
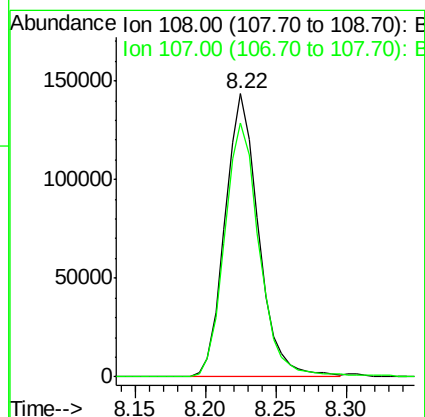
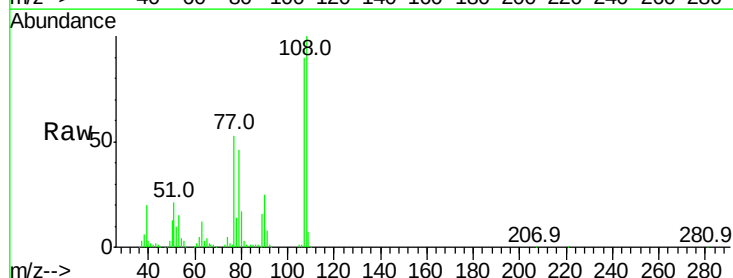
Instrument :  
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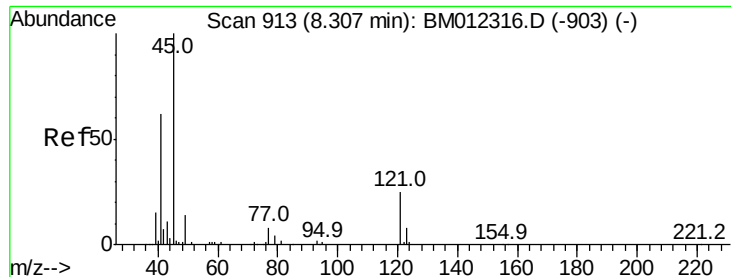
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 64      | 47.4  | 32.7  | 49.1  |
| 130     | 33.5  | 26.2  | 39.4  |



#11  
2-Methylphenol  
Concen: 19.738 ng/ul  
RT: 8.22 min Scan# 899  
Delta R.T. -0.01 min  
Lab File: BM012332.D  
Acq: 20 Oct 2017 22:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 108     | 100   |       |       |
| 107     | 89.5  | 73.3  | 109.9 |

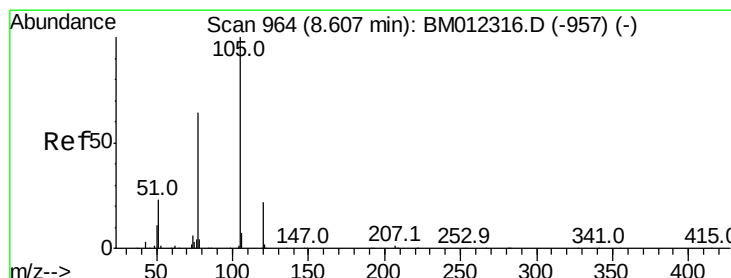
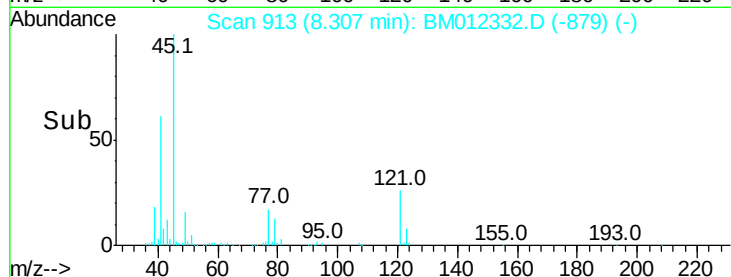
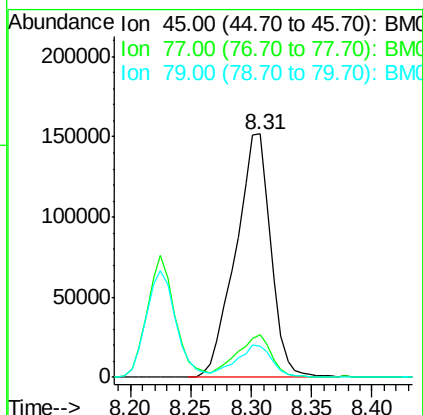
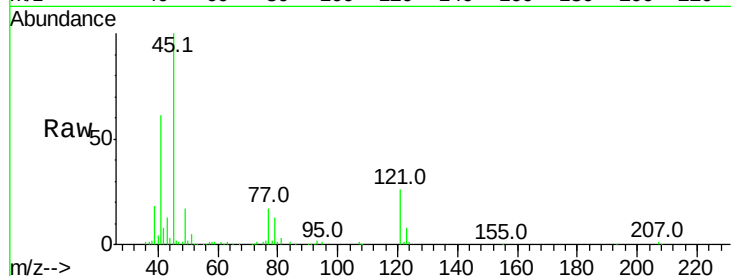




#12  
2,2'-oxvbis(1-Chloropropane)  
Concen: 19.940 ng/ul  
RT: 8.31 min Scan# 913  
Delta R.T. 0.00 min  
Lab File: BM012332.D  
Acq: 20 Oct 2017 22:47

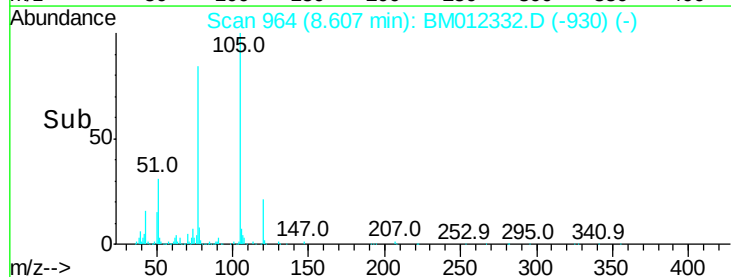
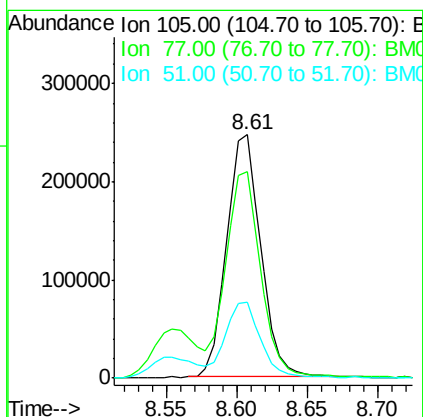
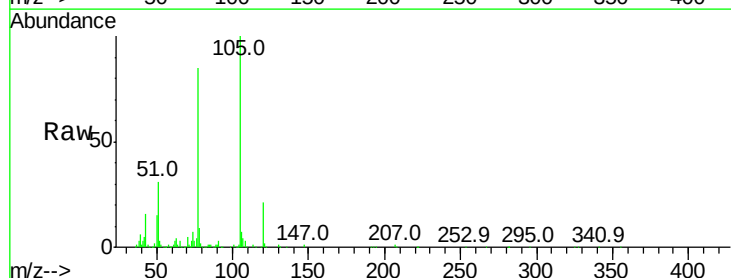
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02021

Tot Ion: 45 Resp: 309484  
Ion Ratio Lower Upper  
45 100  
77 17.3 16.2 24.2  
79 12.9 11.9 17.9

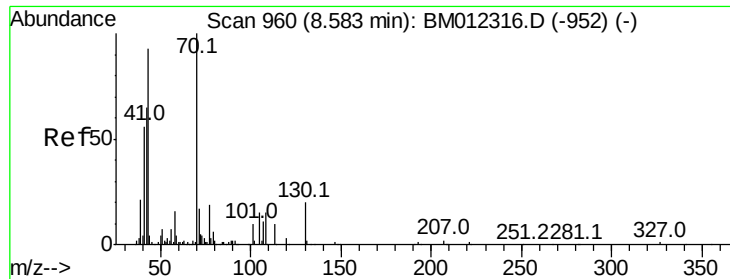


#14  
Acetophenone  
Concen: 20.518 ng/ul  
RT: 8.61 min Scan# 964  
Delta R.T. 0.00 min  
Lab File: BM012332.D  
Acq: 20 Oct 2017 22:47

Tgt Ion: 105 Resp: 416567  
Ion Ratio Lower Upper  
105 100  
77 84.7 61.7 92.5  
51 31.2 20.1 30.1#







#15

N-Nitroso-di-n-propylamine

Concen: 20.802 ng/ul

RT: 8.58 min Scan# 959

Delta R.T. -0.01 min

Lab File: BM012332.D

Acq: 20 Oct 2017 22:47

Instrument :

BNA\_M

ClientSampleId :

SSTD02021

Tot Ion: 70 Resp: 226342

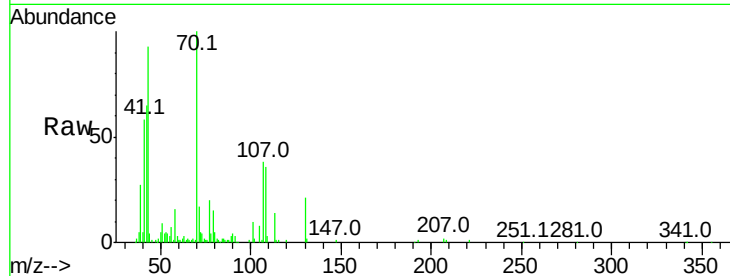
Ion Ratio Lower Upper

70 100

42 65.0 43.0 64.4#

101 9.8 8.2 12.2

130 21.4 18.6 28.0

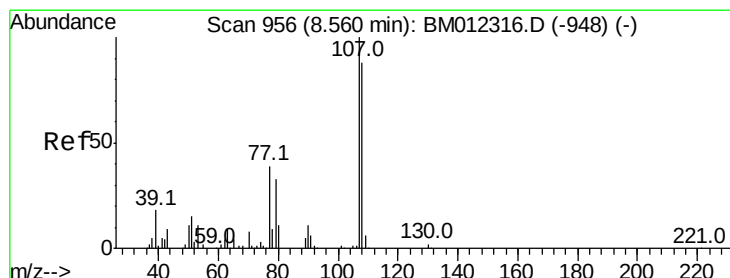
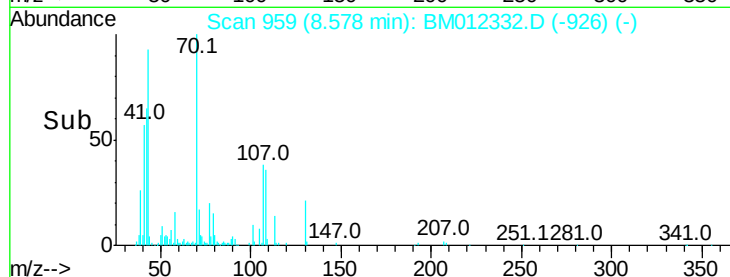
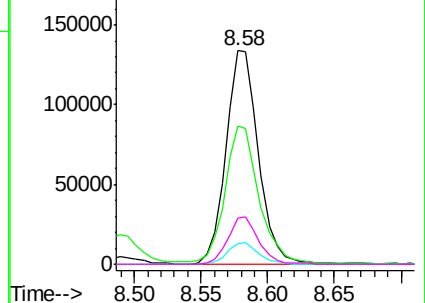


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 20.194 ng/ul

RT: 8.55 min Scan# 955

Delta R.T. -0.01 min

Lab File: BM012332.D

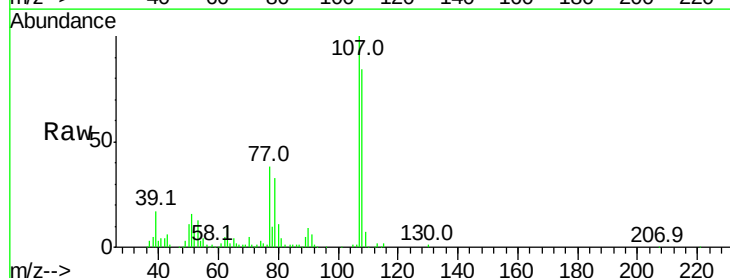
Acq: 20 Oct 2017 22:47

Tgt Ion: 108 Resp: 268453

Ion Ratio Lower Upper

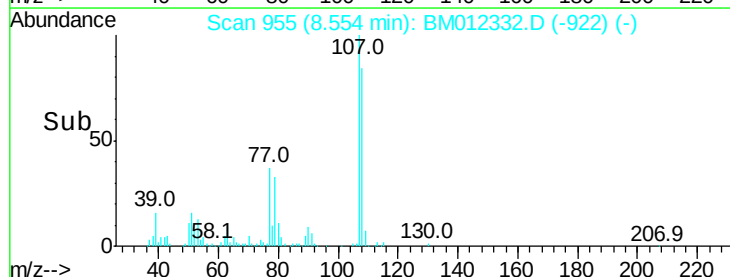
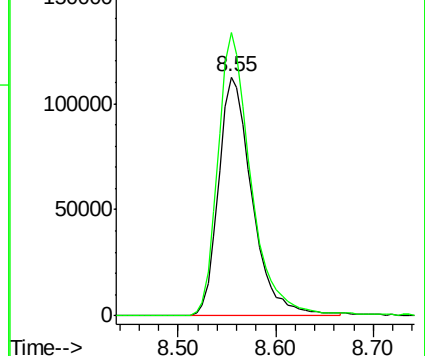
108 100

107 118.4 90.1 135.1

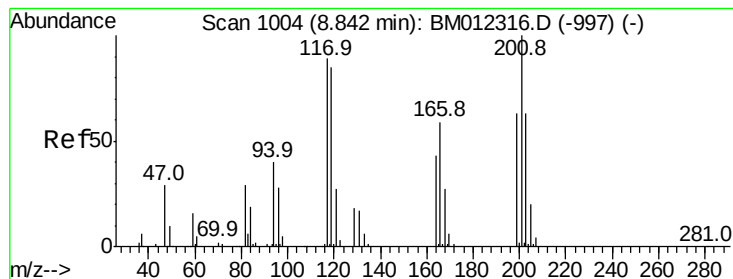


Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E







#17

Hexachloroethane

Concen: 19.666 ng/ul

RT: 8.84 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BM012332.D

Acq: 20 Oct 2017 22:47

Instrument :

BNA\_M

ClientSampleId :

SSTD02021

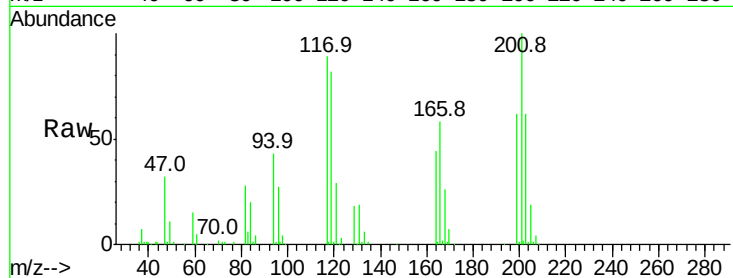
Tot Ion:117 Resp: 111463

Ion Ratio Lower Upper

117 100

201 112.3 105.0 157.4

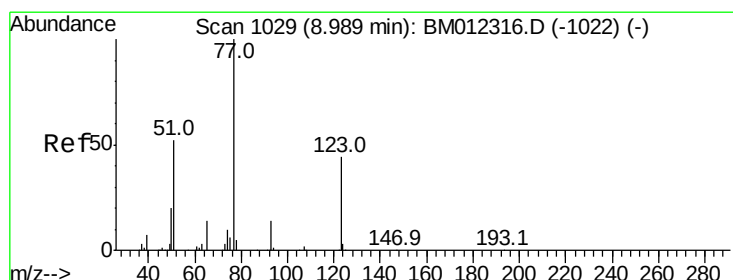
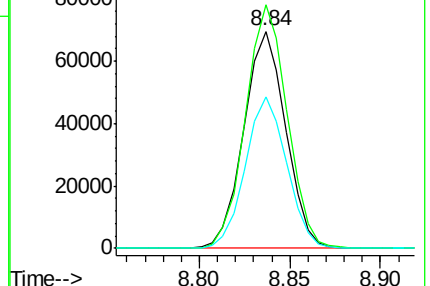
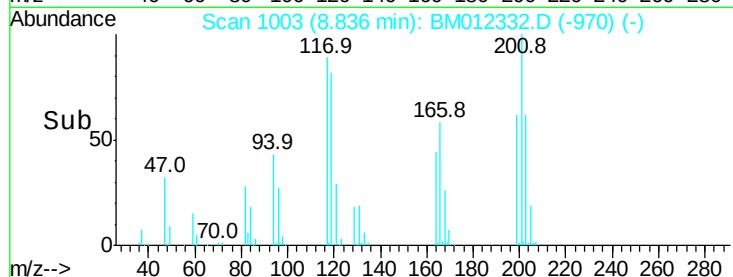
199 69.7 63.9 95.9



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 19.419 ng/ul

RT: 8.98 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BM012332.D

Acq: 20 Oct 2017 22:47

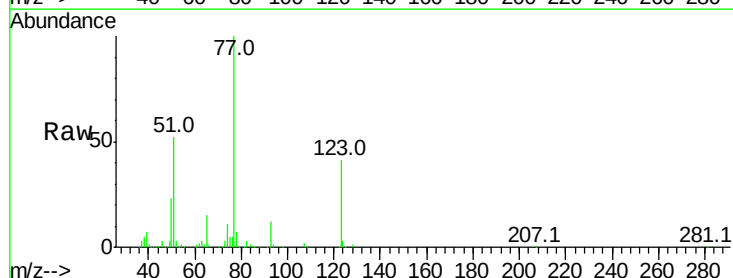
Tgt Ion: 77 Resp: 322703

Ion Ratio Lower Upper

77 100

123 41.3 35.8 53.6

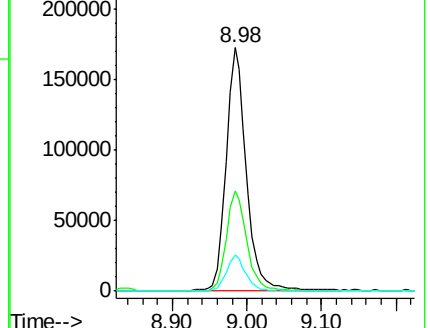
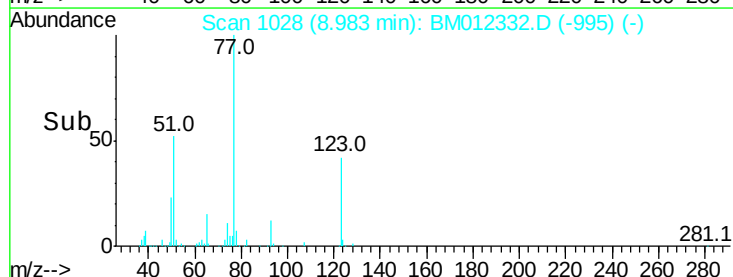
65 14.8 11.8 17.6

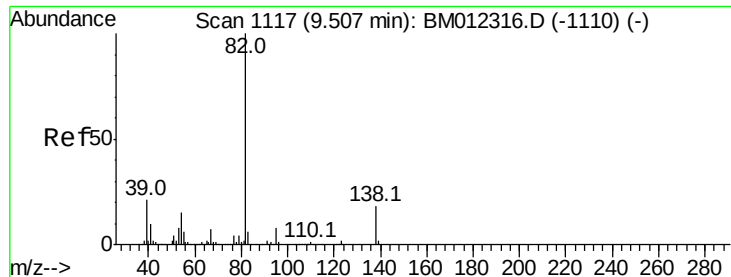


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 19.998 ng/ul

RT: 9.51 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BM012332.D

Acq: 20 Oct 2017 22:47

Instrument :

BNA\_M

ClientSampleId :

SSTD02021

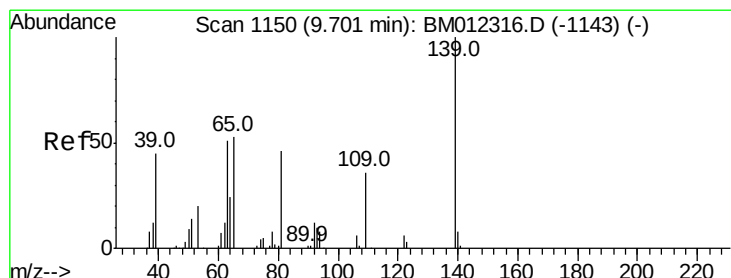
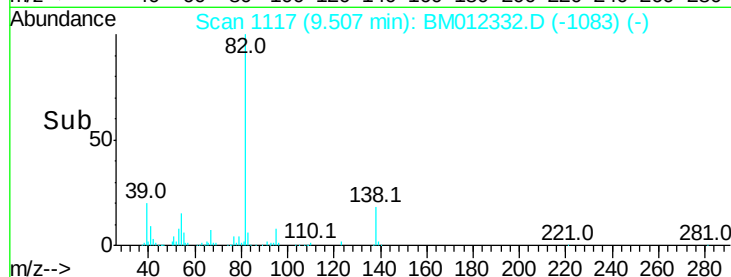
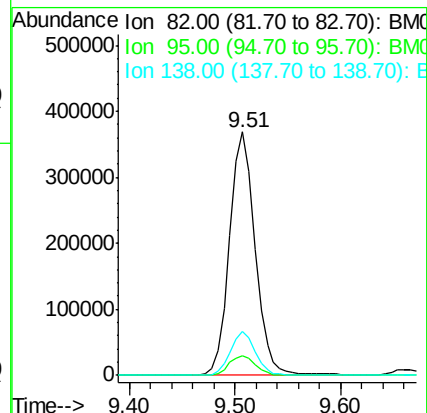
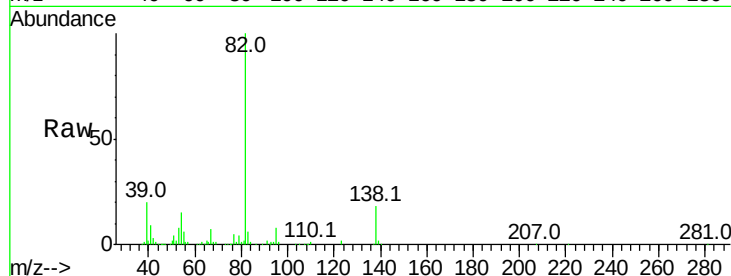
Tot Ion: 82 Resp: 620855

Ion Ratio Lower Upper

82 100

95 8.1 7.1 10.7

138 17.9 15.8 23.8



#23

2-Nitrophenol

Concen: 19.723 ng/ul

RT: 9.70 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BM012332.D

Acq: 20 Oct 2017 22:47

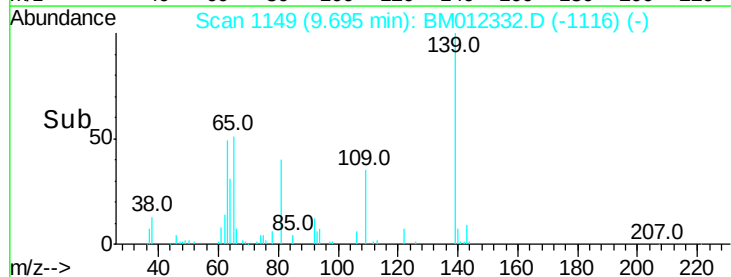
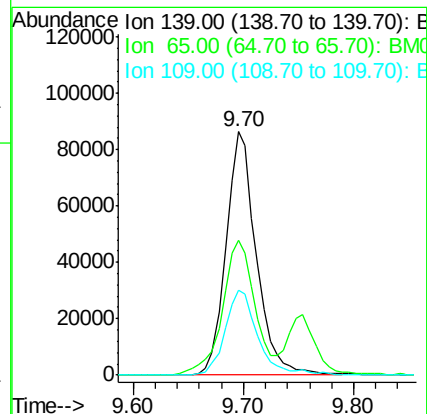
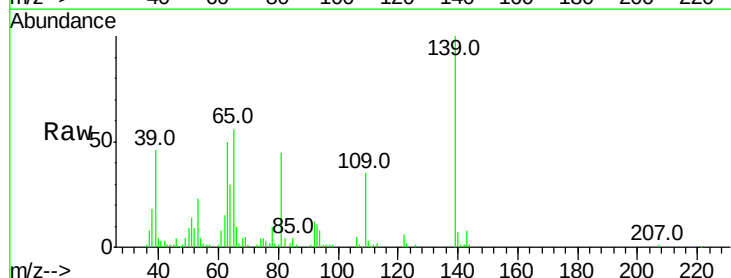
Tgt Ion: 139 Resp: 165299

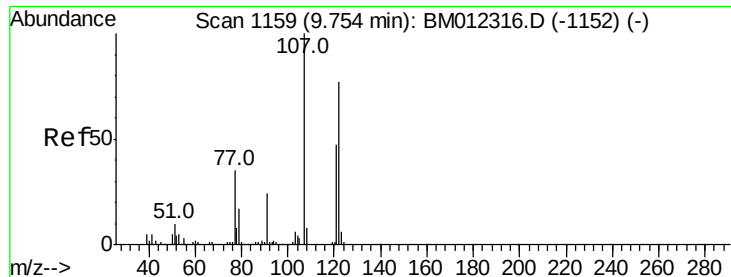
Ion Ratio Lower Upper

139 100

65 55.6 40.6 61.0

109 34.6 30.6 46.0

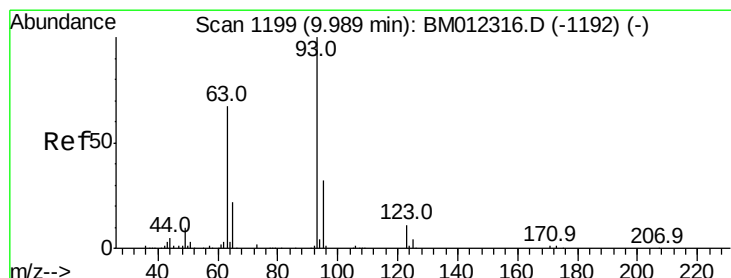
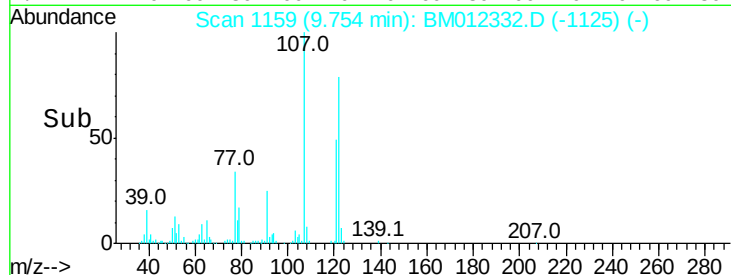
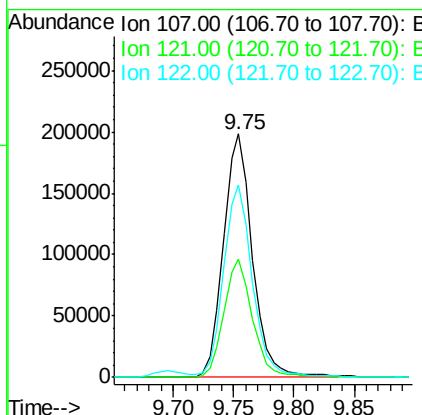
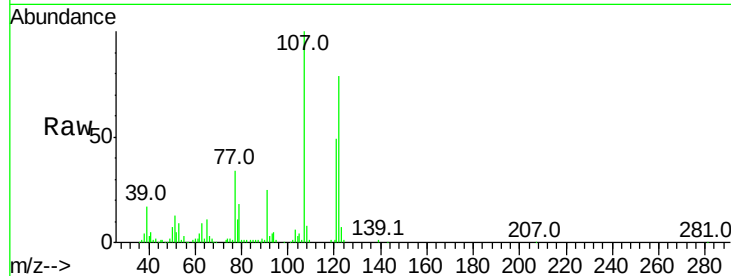




#24  
 2,4-Dimethylphenol  
 Concen: 19.577 ng/ul  
 RT: 9.75 min Scan# 1159  
 Delta R.T. 0.00 min  
 Lab File: BM012332.D  
 Acq: 20 Oct 2017 22:47

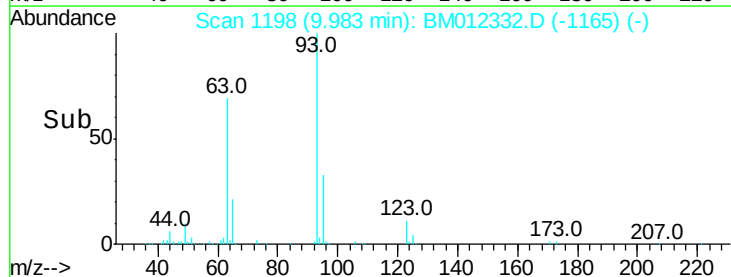
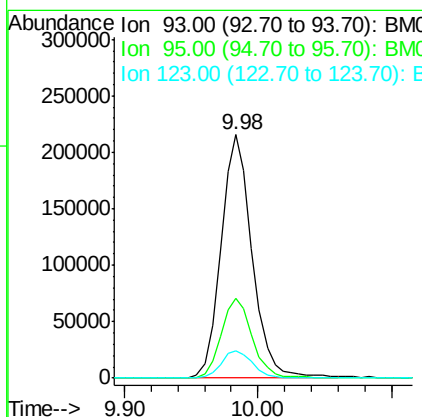
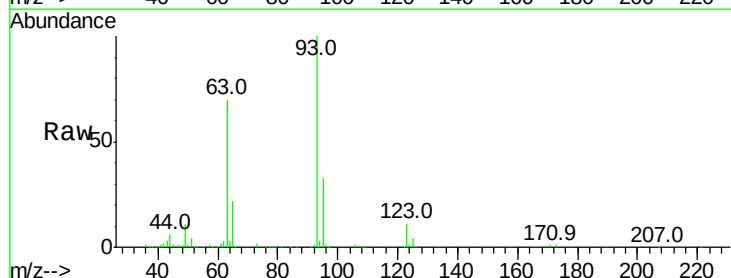
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SST02021

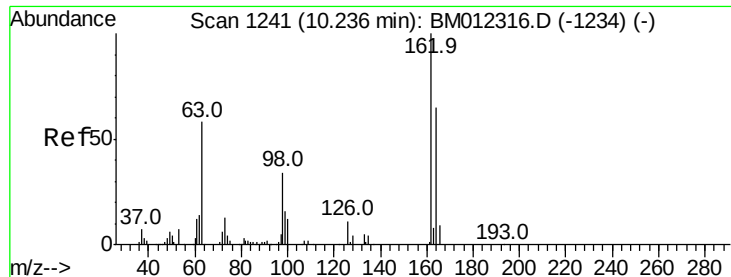
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 121     | 48.6  | 39.8  | 59.8  |
| 122     | 79.0  | 64.4  | 96.6  |



#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 19.304 ng/ul  
 RT: 9.98 min Scan# 1198  
 Delta R.T. -0.01 min  
 Lab File: BM012332.D  
 Acq: 20 Oct 2017 22:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.9  | 26.6  | 40.0  |
| 123     | 11.3  | 9.6   | 14.4  |

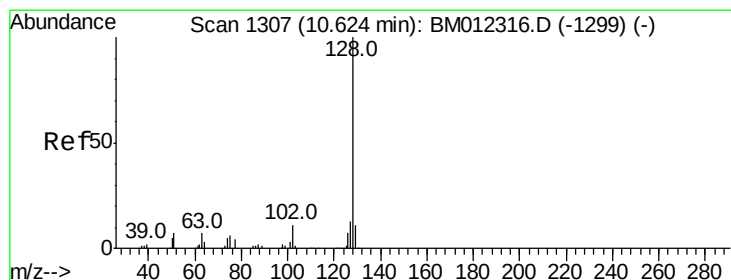
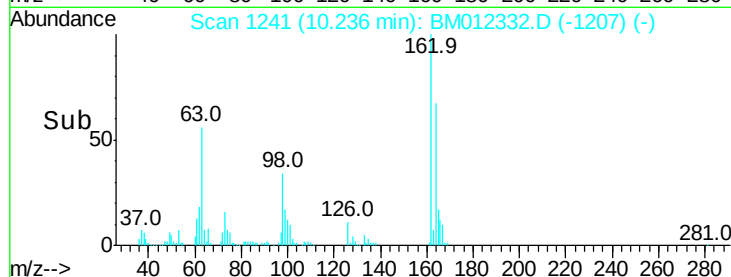
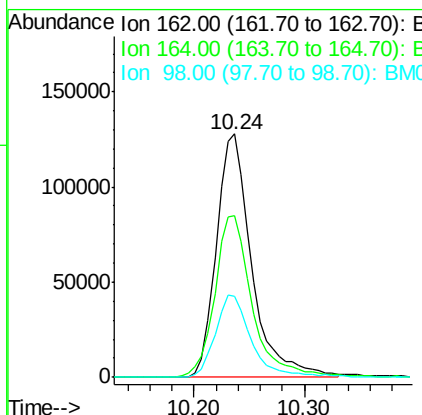
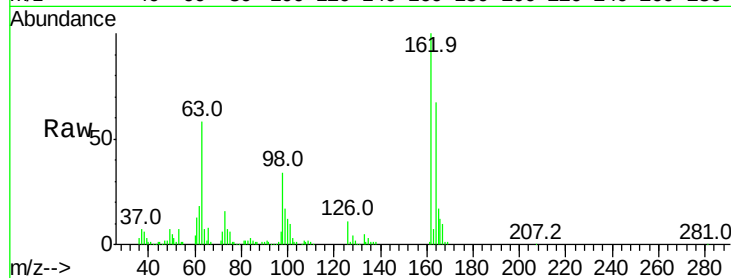




#27  
 2,4-Dichlorophenol  
 Concen: 19.363 ng/ul  
 RT: 10.24 min Scan# 1241  
 Delta R.T. 0.00 min  
 Lab File: BM012332.D  
 Acq: 20 Oct 2017 22:47

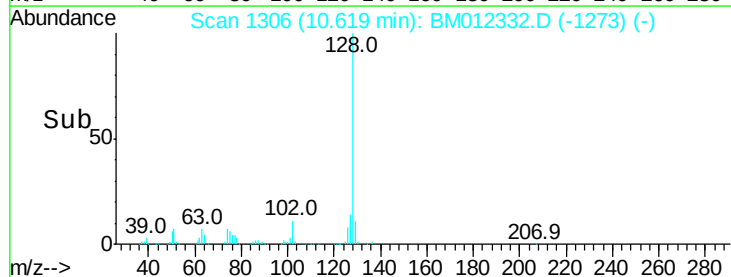
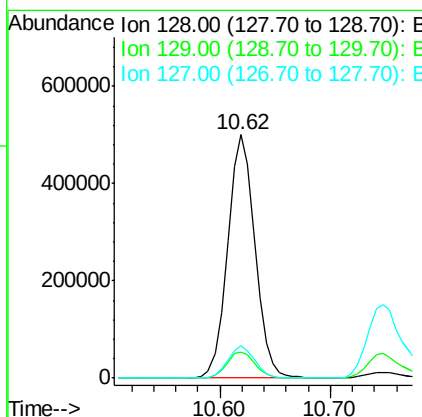
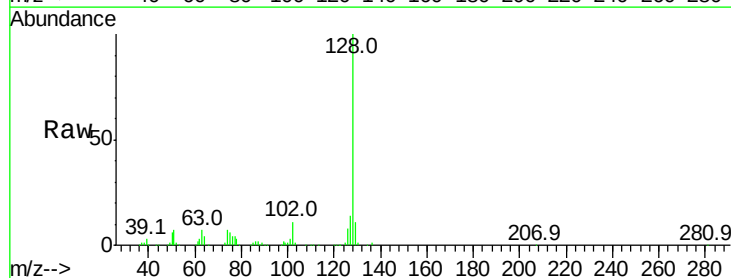
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SST02021

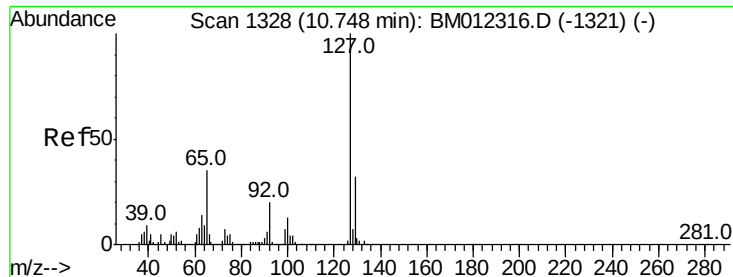
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 66.7  | 49.6  | 74.4  |
| 98      | 33.6  | 26.2  | 39.2  |



#28  
 Naphthalene  
 Concen: 19.172 ng/ul  
 RT: 10.62 min Scan# 1306  
 Delta R.T. -0.01 min  
 Lab File: BM012332.D  
 Acq: 20 Oct 2017 22:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.9  | 9.2   | 13.8  |
| 127     | 13.6  | 11.4  | 17.0  |

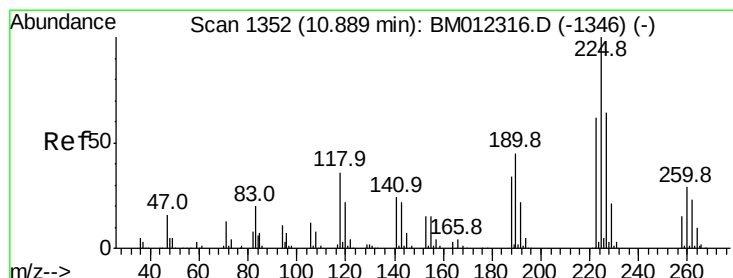
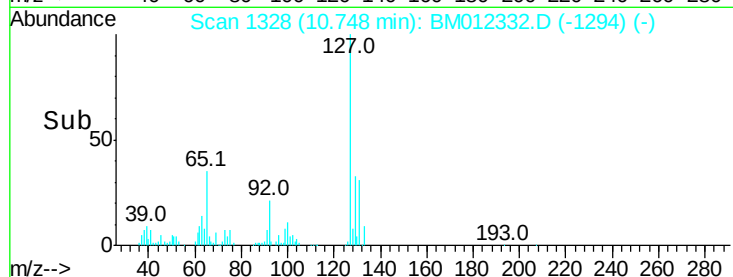
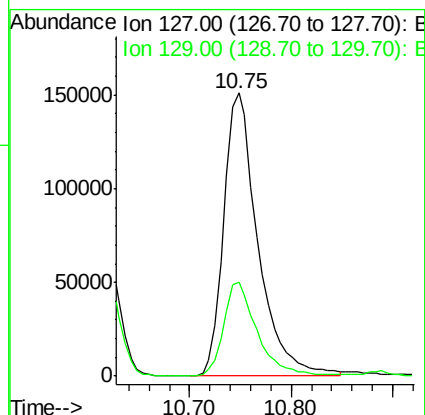
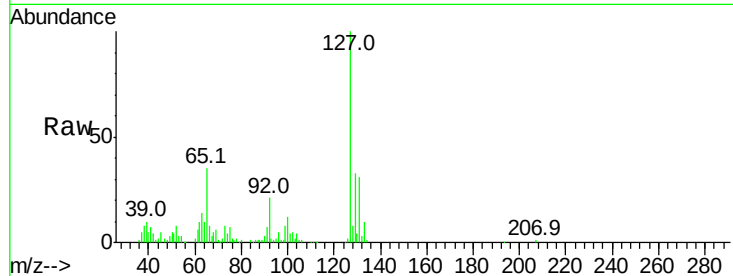




#30  
4-Chloroaniline  
Concen: 25.823 ng/ul  
RT: 10.75 min Scan# 1328  
Delta R.T. 0.00 min  
Lab File: BM012332.D  
Acq: 20 Oct 2017 22:47

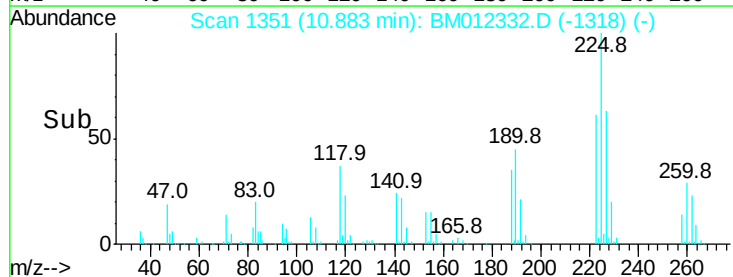
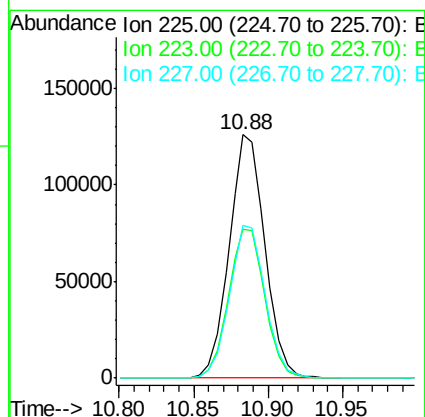
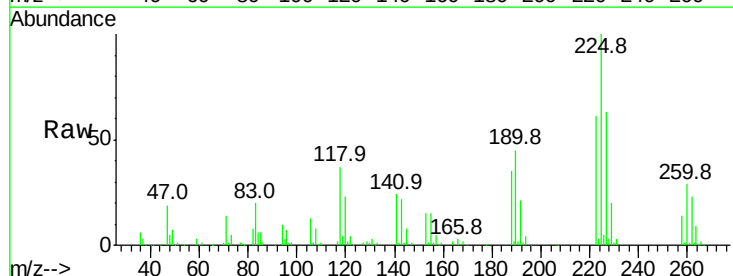
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02021

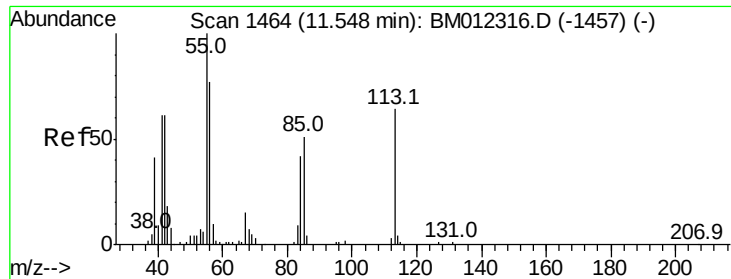
Tot Ion:127 Resp: 354610  
Ion Ratio Lower Upper  
127 100  
129 33.1 26.5 39.7



#31  
Hexachlorobutadiene  
Concen: 19.276 ng/ul  
RT: 10.88 min Scan# 1351  
Delta R.T. -0.01 min  
Lab File: BM012332.D  
Acq: 20 Oct 2017 22:47

Tgt Ion:225 Resp: 209982  
Ion Ratio Lower Upper  
225 100  
223 61.0 49.4 74.0  
227 62.8 53.2 79.8





#32

Caprolactam

Concen: 12.130 ng/ul

RT: 11.55 min Scan# 1464

Delta R.T. 0.00 min

Lab File: BM012332.D

Acq: 20 Oct 2017 22:47

Instrument :

BNA\_M

ClientSampleId :

SSTD02021

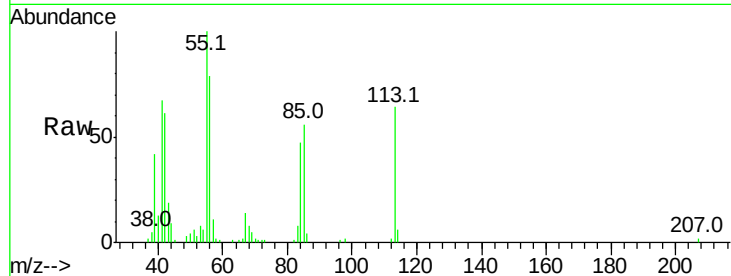
Tot Ion:113 Resp: 56286

Ion Ratio Lower Upper

113 100

55 157.3 107.7 161.5

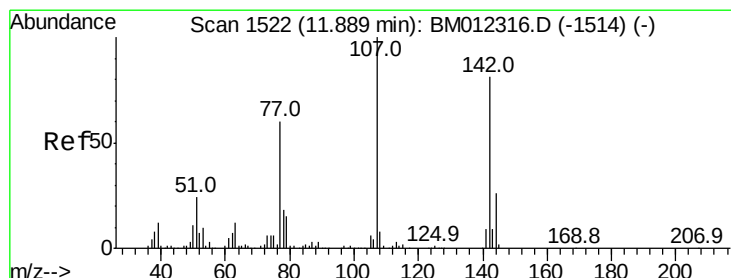
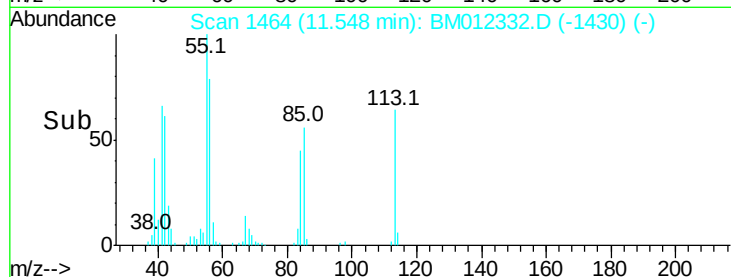
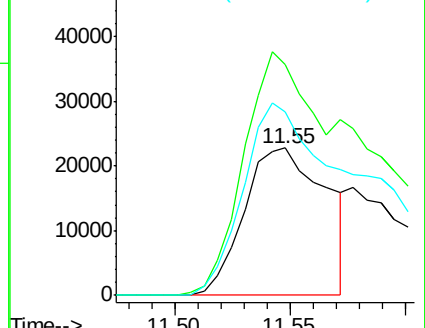
56 124.5 97.1 145.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#33

4-Chloro-3-methylphenol

Concen: 20.139 ng/ul

RT: 11.88 min Scan# 1521

Delta R.T. -0.01 min

Lab File: BM012332.D

Acq: 20 Oct 2017 22:47

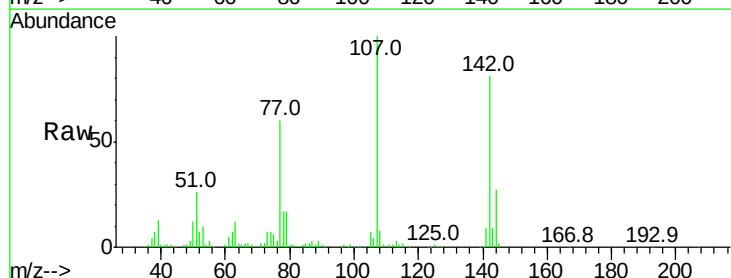
Tgt Ion:107 Resp: 310134

Ion Ratio Lower Upper

107 100

144 27.1 21.2 31.8

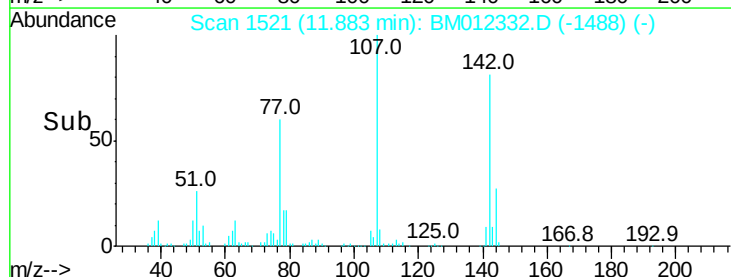
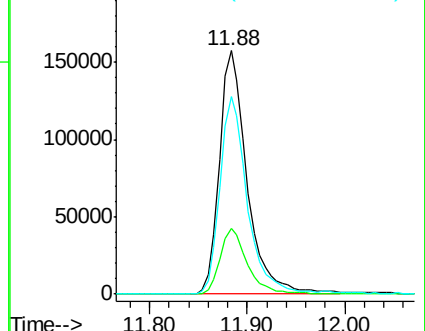
142 81.1 65.3 97.9

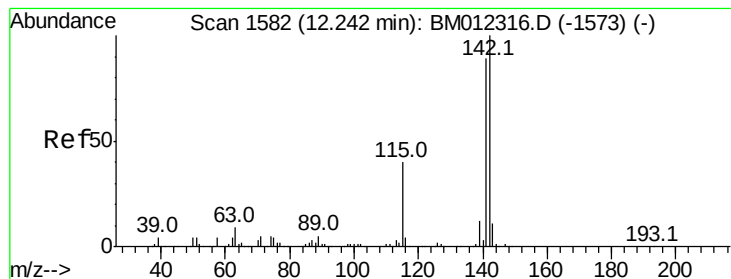


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 19.699 ng/ul

RT: 12.24 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BM012332.D

Acq: 20 Oct 2017 22:47

Instrument :

BNA\_M

ClientSampleId :

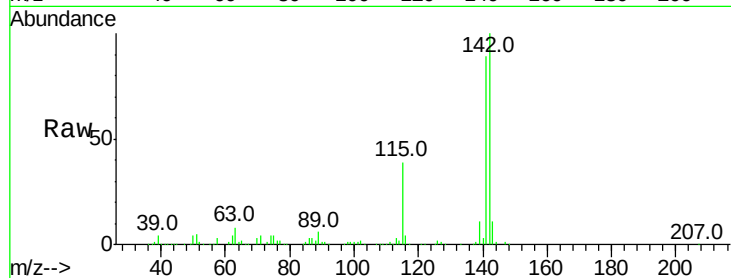
SSTD02021

Tot Ion:142 Resp: 674074

Ion Ratio Lower Upper

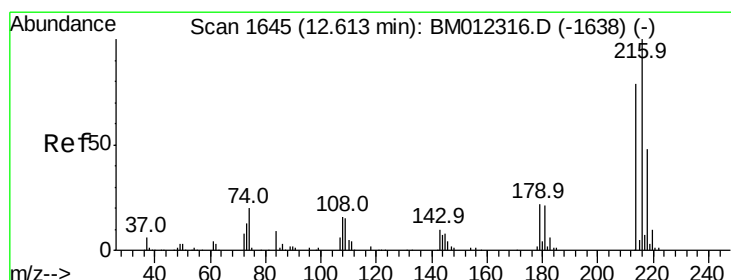
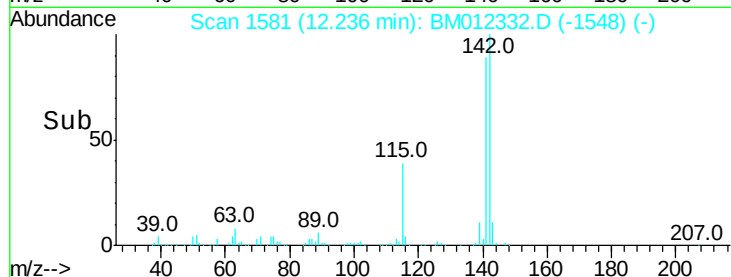
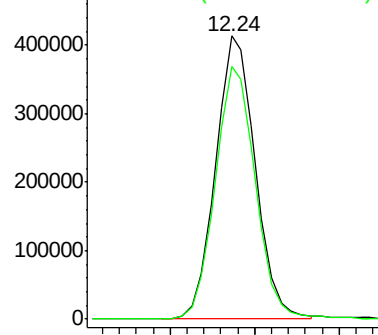
142 100

141 89.4 73.6 110.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#36

1,2,4,5-Tetrachlorobenzene

Concen: 18.282 ng/ul

RT: 12.61 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BM012332.D

Acq: 20 Oct 2017 22:47

Tgt Ion:216 Resp: 381074

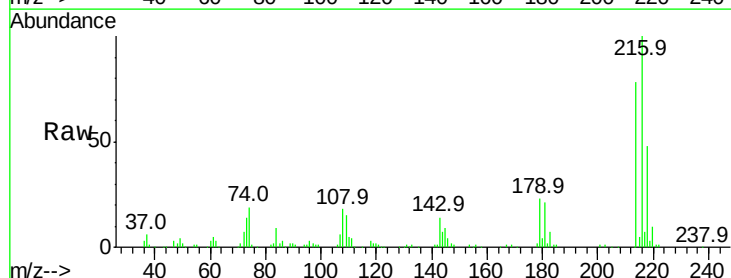
Ion Ratio Lower Upper

216 100

214 78.1 62.3 93.5

179 22.5 16.2 24.2

108 17.5 10.9 16.3#

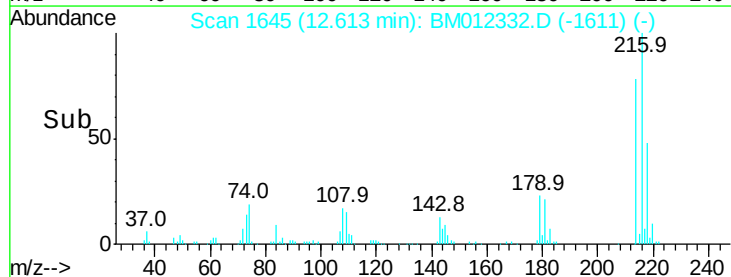
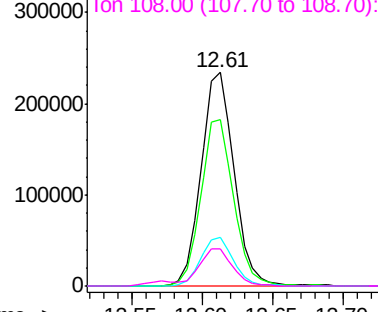


Abundance Ion 216.00 (215.70 to 216.70): E

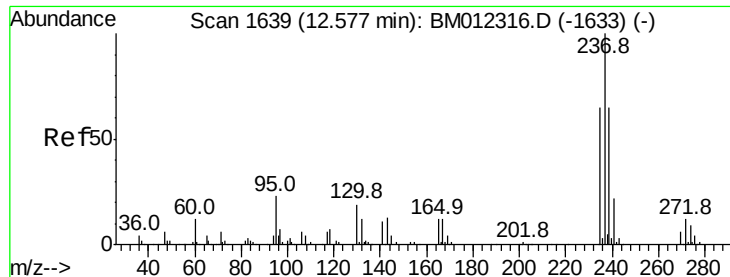
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#37

Hexachlorocyclopentadiene

Concen: 18.513 ng/ul

RT: 12.57 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BM012332.D

Acq: 20 Oct 2017 22:47

Instrument :

BNA\_M

ClientSampleId :

SSTD02021

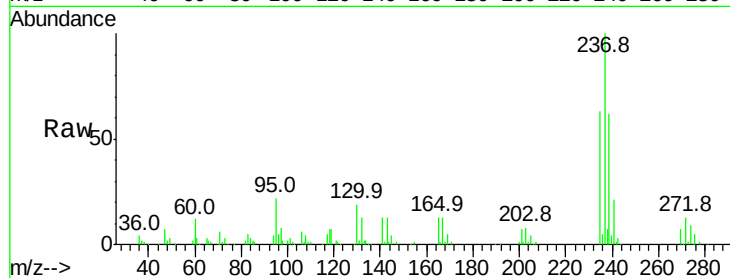
Tot Ion:237 Resp: 171983

Ion Ratio Lower Upper

237 100

235 62.9 50.1 75.1

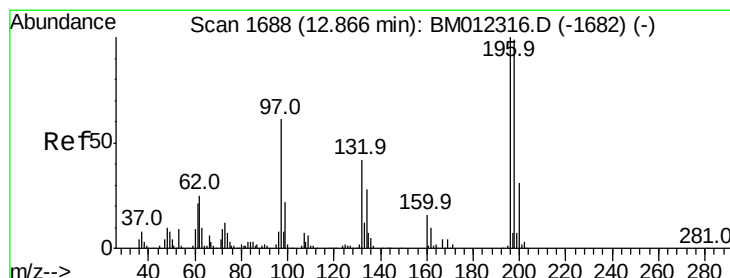
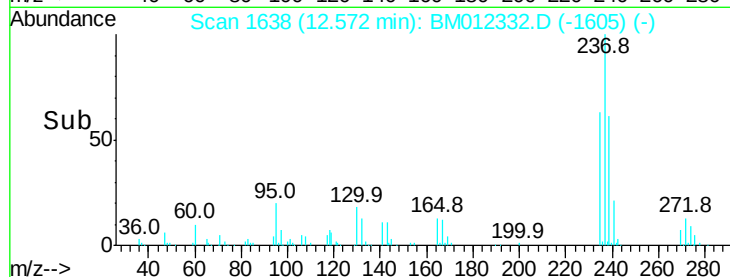
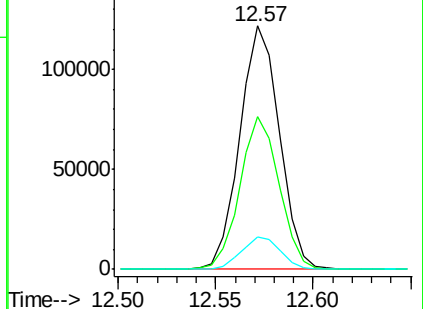
272 14.0 10.6 15.8



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 18.230 ng/ul

RT: 12.87 min Scan# 1688

Delta R.T. 0.00 min

Lab File: BM012332.D

Acq: 20 Oct 2017 22:47

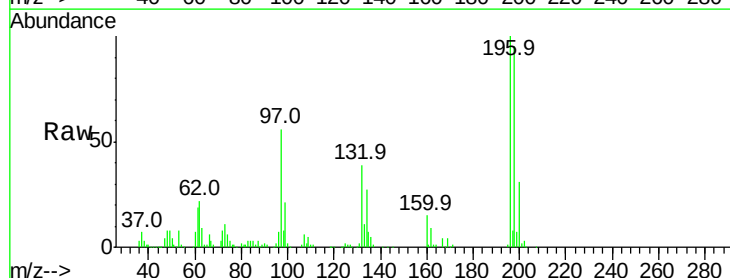
Tgt Ion:196 Resp: 251932

Ion Ratio Lower Upper

196 100

198 95.5 78.2 117.4

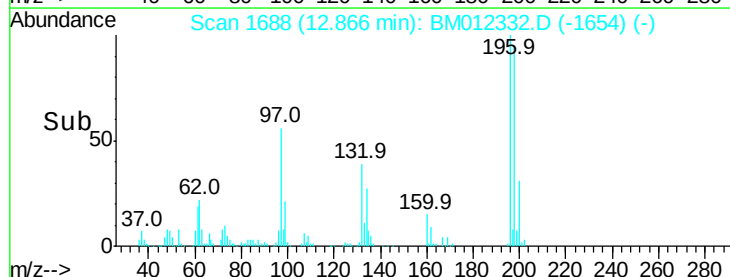
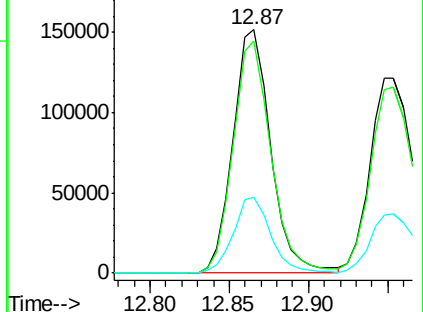
200 31.1 25.4 38.2

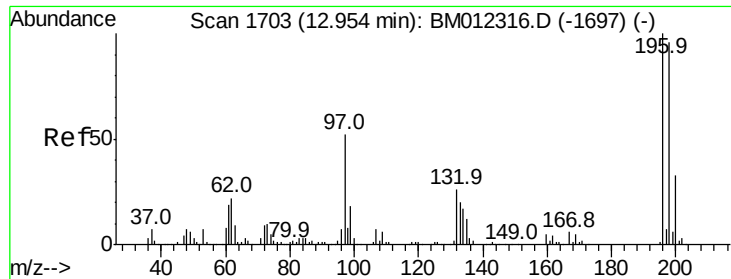


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

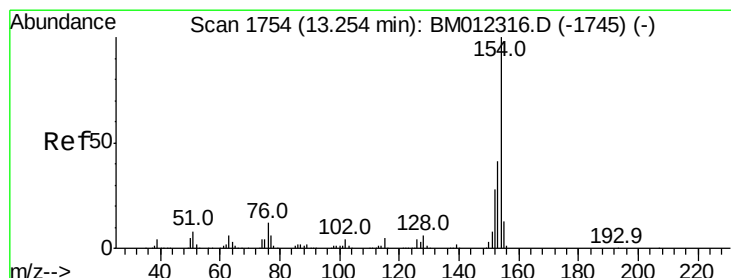
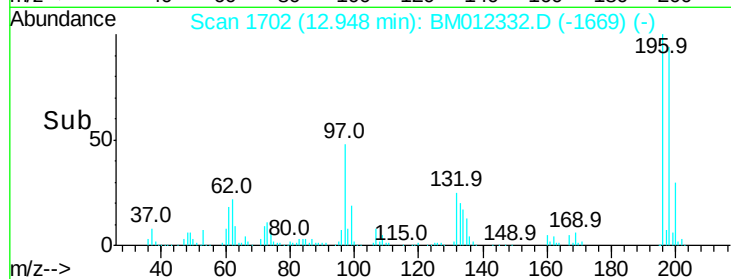
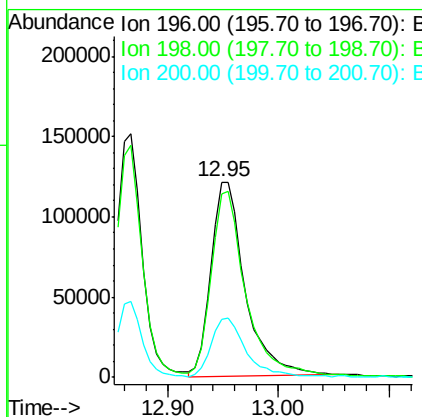
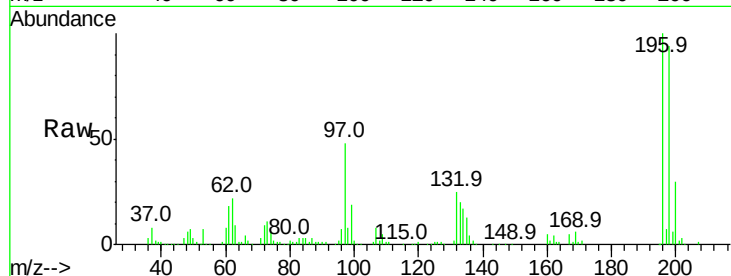




#39  
 2,4,5-Trichlorophenol  
 Concen: 18.175 ng/ul  
 RT: 12.95 min Scan# 1702  
 Delta R.T. -0.01 min  
 Lab File: BM012332.D  
 Acq: 20 Oct 2017 22:47

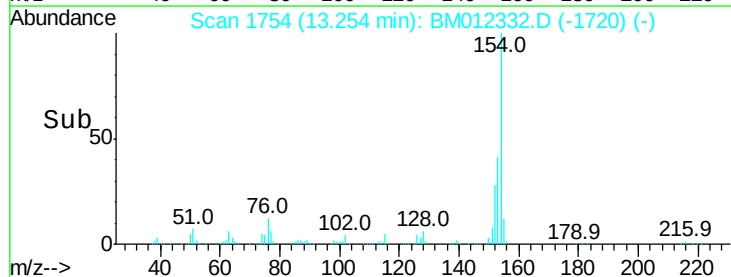
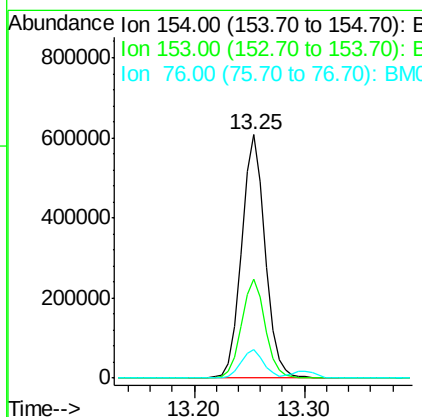
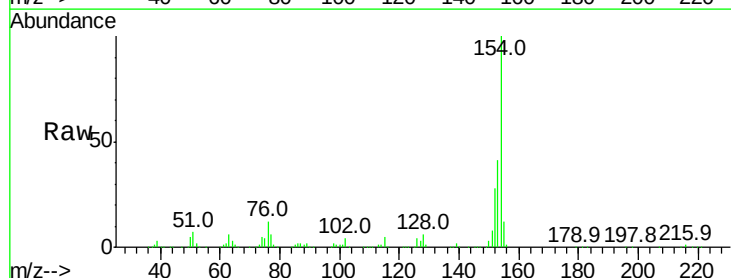
Instrument :  
 BNA\_M  
 ClientSampleID :  
 SSTD02021

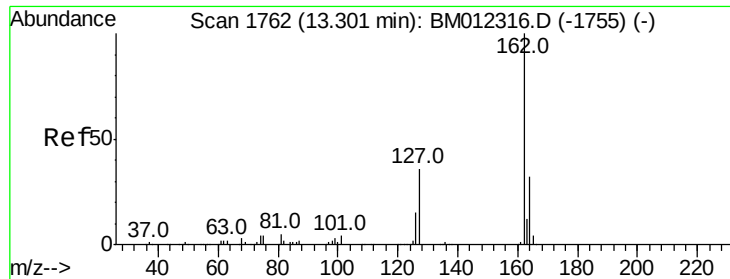
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 196   | Resp: | 258495 |
| Ion      | Ratio | Lower | Upper  |
| 196      | 100   |       |        |
| 198      | 93.9  | 78.1  | 117.1  |
| 200      | 30.0  | 25.1  | 37.7   |



#40  
 1,1'-Biphenyl  
 Concen: 18.847 ng/ul  
 RT: 13.25 min Scan# 1754  
 Delta R.T. 0.00 min  
 Lab File: BM012332.D  
 Acq: 20 Oct 2017 22:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 154   | Resp: | 913336 |
| Ion      | Ratio | Lower | Upper  |
| 154      | 100   |       |        |
| 153      | 40.7  | 33.0  | 49.4   |
| 76       | 11.8  | 8.2   | 12.4   |

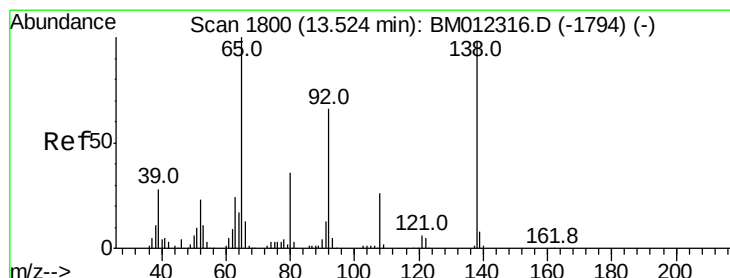
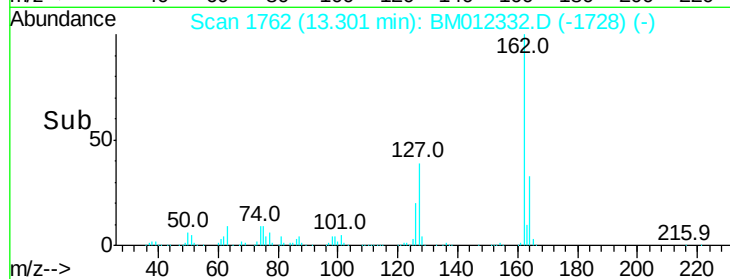
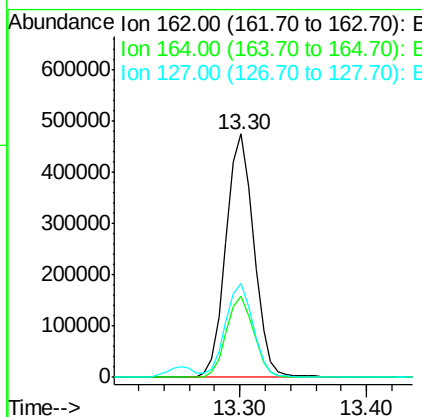
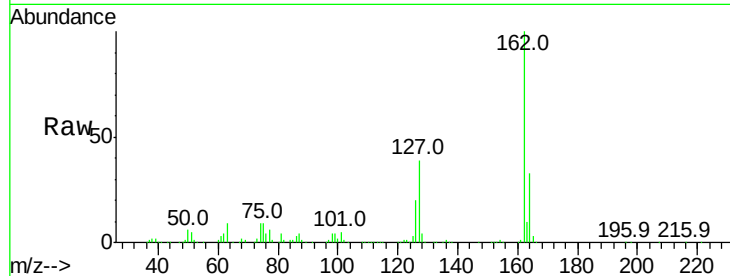




#41  
 2-Chloronaphthalene  
 Concen: 19.103 ng/ul  
 RT: 13.30 min Scan# 1762  
 Delta R.T. 0.00 min  
 Lab File: BM012332.D  
 Acq: 20 Oct 2017 22:47

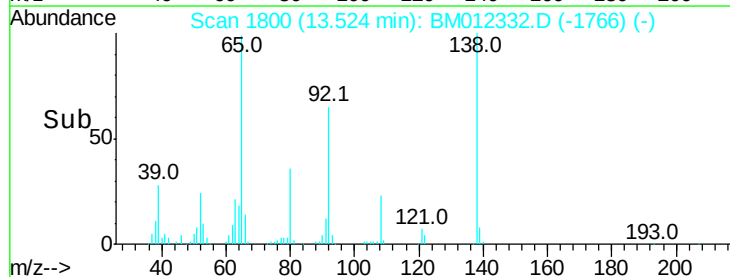
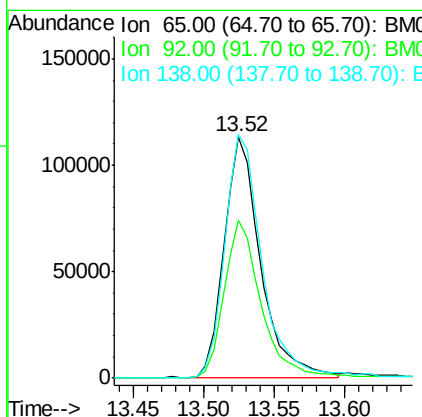
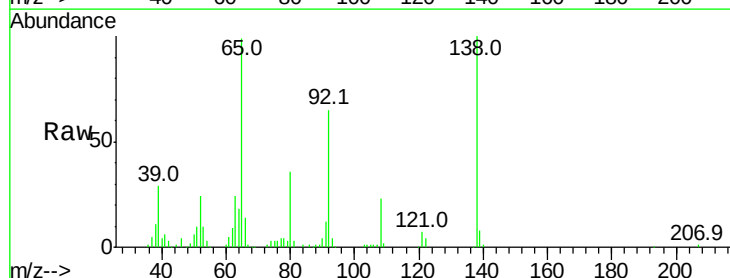
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02021

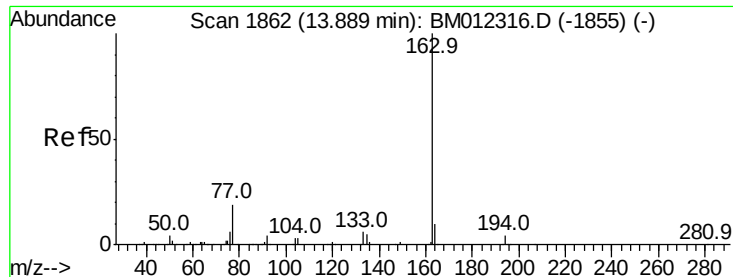
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 33.1  | 27.0  | 40.6  |
| 127     | 38.6  | 29.5  | 44.3  |



#42  
 2-Nitroaniline  
 Concen: 19.087 ng/ul  
 RT: 13.52 min Scan# 1800  
 Delta R.T. 0.00 min  
 Lab File: BM012332.D  
 Acq: 20 Oct 2017 22:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 65.7  | 55.5  | 83.3  |
| 138     | 101.0 | 92.3  | 138.5 |





#44

Dimethylphthalate

Concen: 19.537 ng/ul

RT: 13.88 min Scan# 1861

Delta R.T. -0.01 min

Lab File: BM012332.D

Acq: 20 Oct 2017 22:47

Instrument :

BNA\_M

ClientSampleId :

SSTD02021

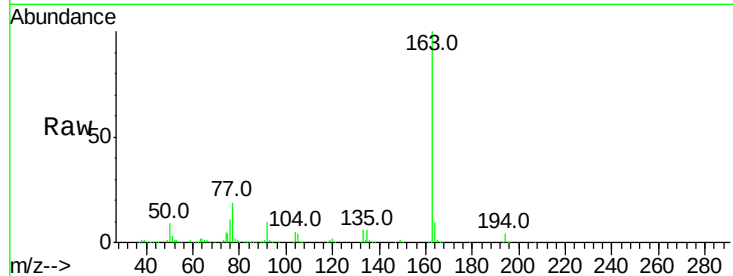
Tot Ion:163 Resp: 993333

Ion Ratio Lower Upper

163 100

194 4.1 3.7 5.5

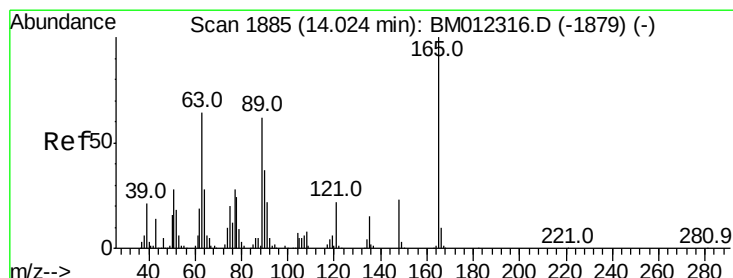
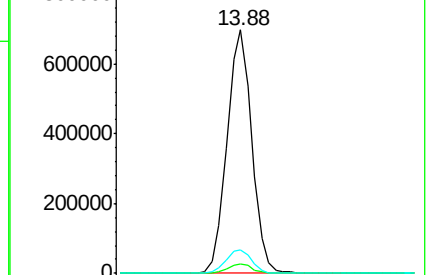
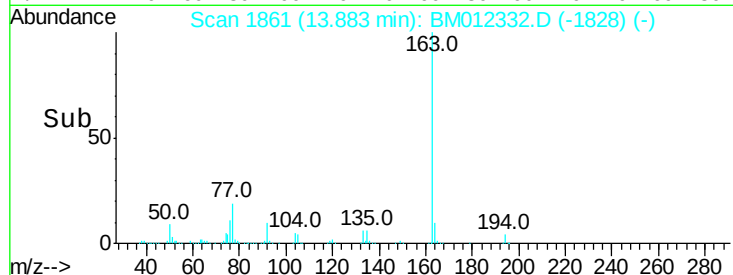
164 9.7 8.1 12.1



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



#45

2,6-Dinitrotoluene

Concen: 19.547 ng/ul

RT: 14.02 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BM012332.D

Acq: 20 Oct 2017 22:47

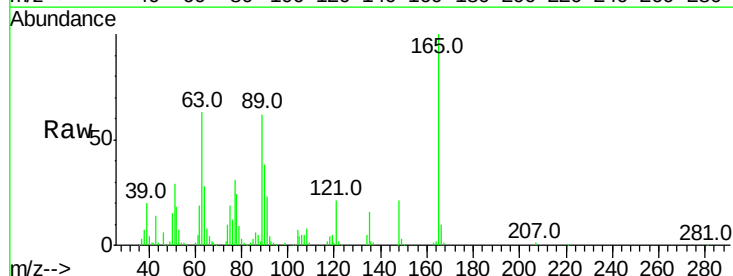
Tgt Ion:165 Resp: 197269

Ion Ratio Lower Upper

165 100

89 61.8 43.4 65.2

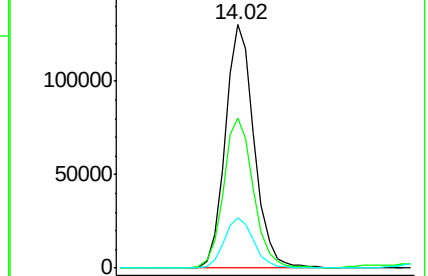
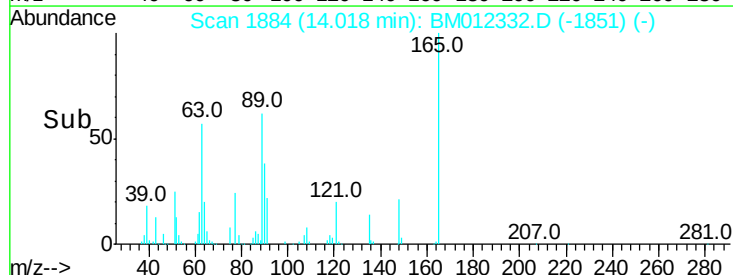
121 20.8 15.5 23.3

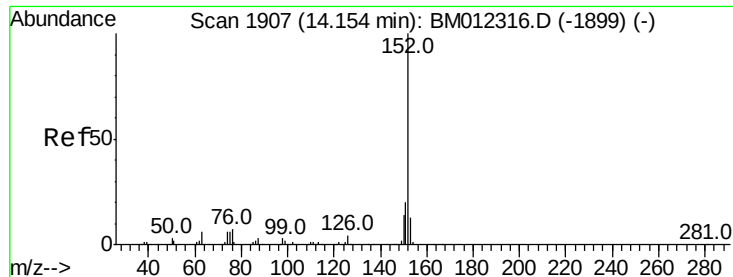


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 19.197 ng/ul

RT: 14.15 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BM012332.D

Acq: 20 Oct 2017 22:47

Instrument :

BNA\_M

ClientSampleId :

SSTD02021

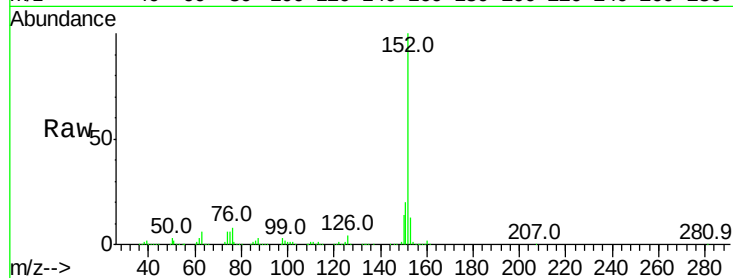
Tot Ion:152 Resp: 1157994

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 20.0  | 15.3  | 22.9  |
| 153 | 13.5  | 10.4  | 15.6  |

152 100

151 20.0 15.3 22.9

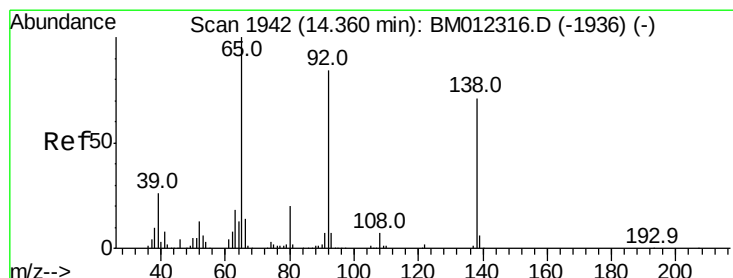
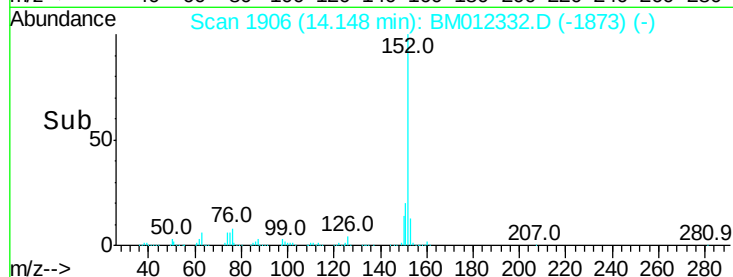
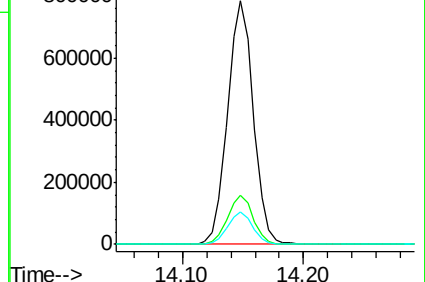
153 13.5 10.4 15.6



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



#48

3-Nitroaniline

Concen: 22.346 ng/ul

RT: 14.36 min Scan# 1942

Delta R.T. 0.00 min

Lab File: BM012332.D

Acq: 20 Oct 2017 22:47

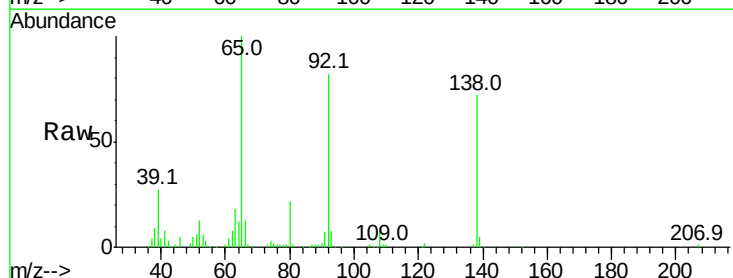
Tgt Ion:138 Resp: 175456

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 138 | 100   |       |       |
| 108 | 10.6  | 8.8   | 13.2  |
| 92  | 113.8 | 83.5  | 125.3 |

138 100

108 10.6 8.8 13.2

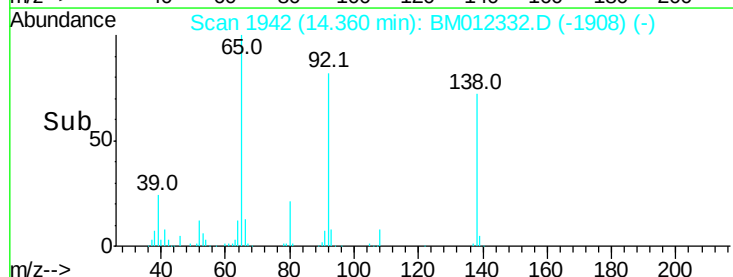
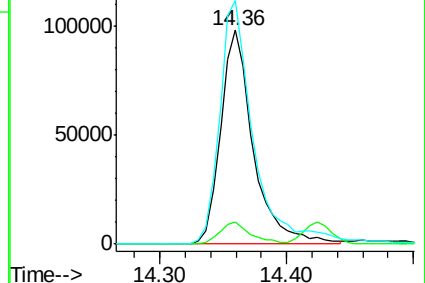
92 113.8 83.5 125.3

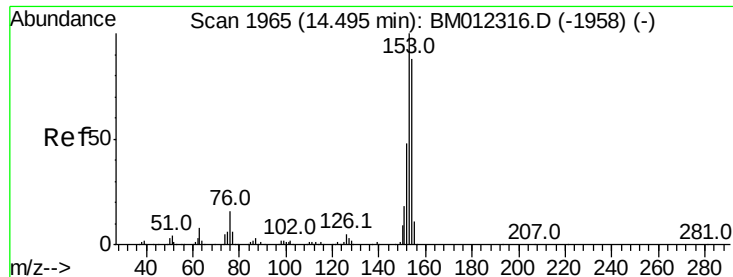


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 19.143 ng/ul

RT: 14.49 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BM012332.D

Acq: 20 Oct 2017 22:47

Instrument :

BNA\_M

ClientSampleId :

SSTD02021

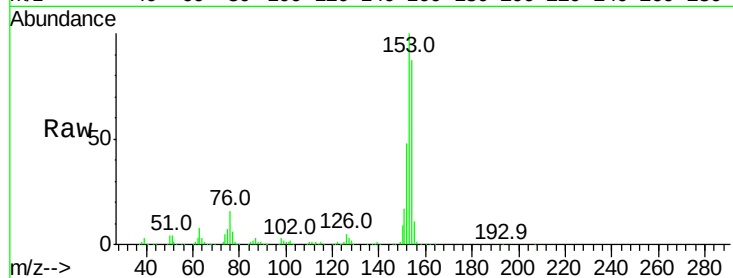
Tot Ion:153 Resp: 777796

Ion Ratio Lower Upper

153 100

152 48.4 37.4 56.0

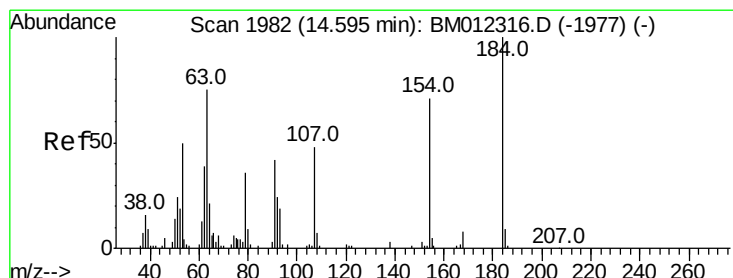
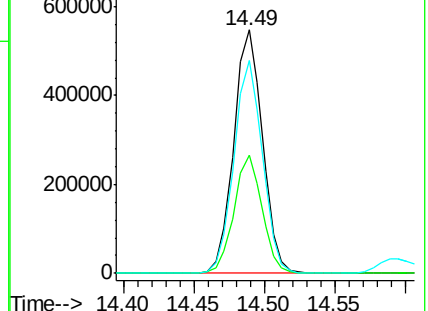
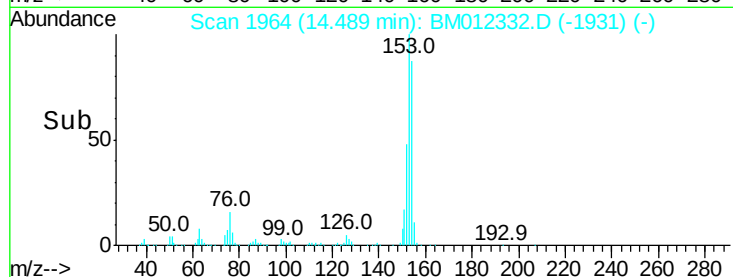
154 87.4 71.1 106.7



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 18.963 ng/ul

RT: 14.59 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BM012332.D

Acq: 20 Oct 2017 22:47

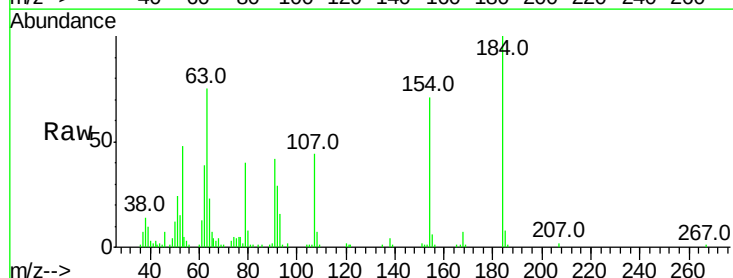
Tgt Ion:184 Resp: 108675

Ion Ratio Lower Upper

184 100

63 74.7 50.2 75.4

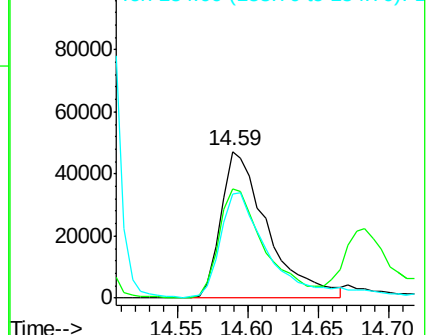
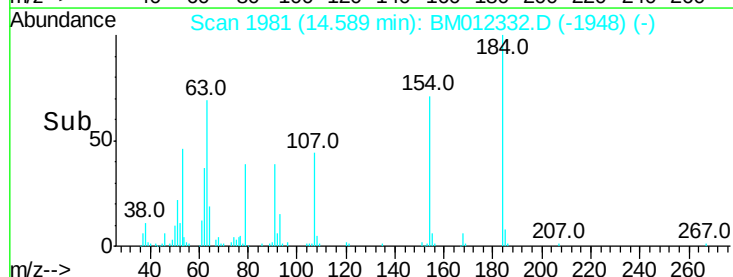
154 71.1 51.2 76.8

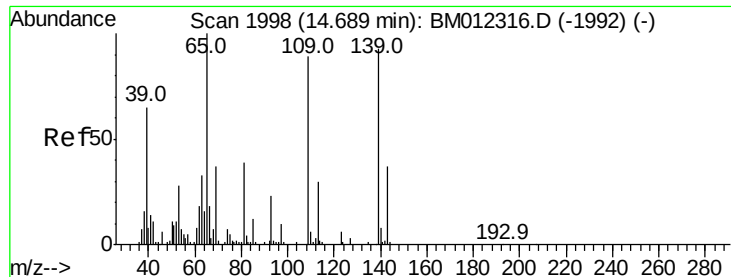


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 15.143 ng/ul

RT: 14.68 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BM012332.D

Acq: 20 Oct 2017 22:47

Instrument :

BNA\_M

ClientSampleId :

SSTD02021

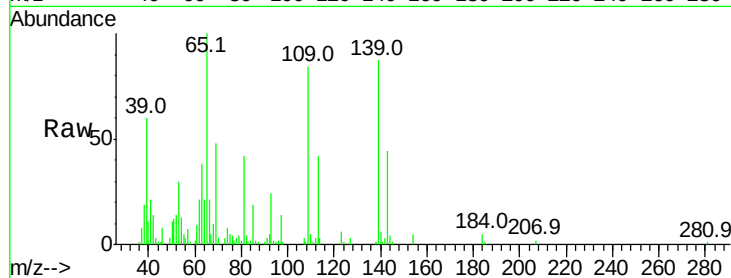
Tot Ion:109 Resp: 103830

Ion Ratio Lower Upper

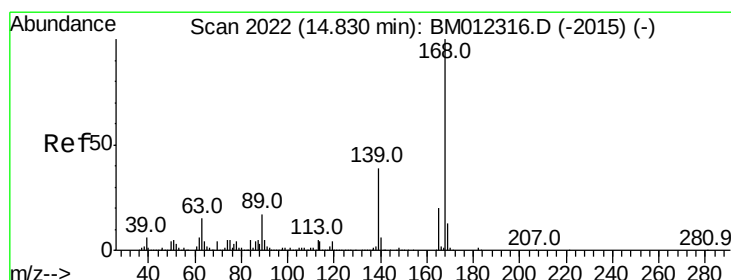
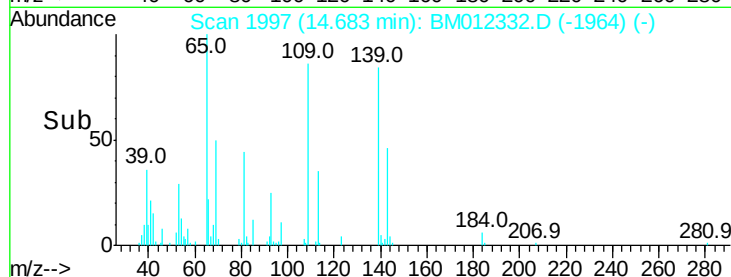
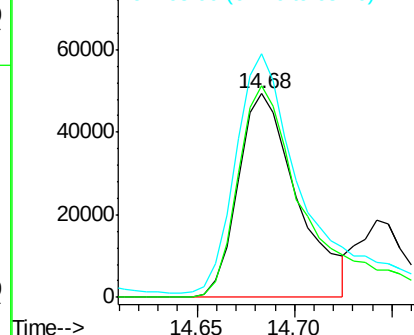
109 100

139 103.6 90.6 135.8

65 119.5 93.1 139.7



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



#53

Dibenzofuran

Concen: 19.542 ng/ul

RT: 14.82 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BM012332.D

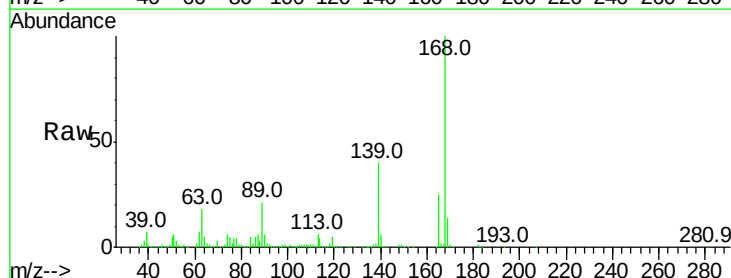
Acq: 20 Oct 2017 22:47

Tgt Ion:168 Resp: 1143318

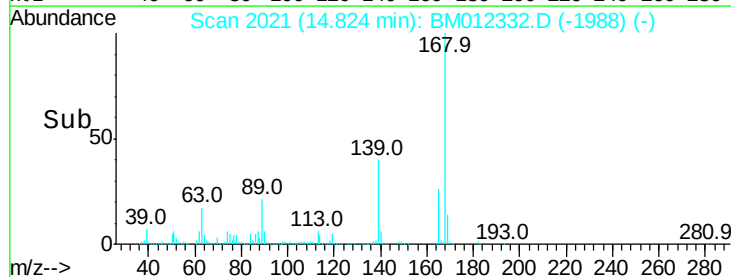
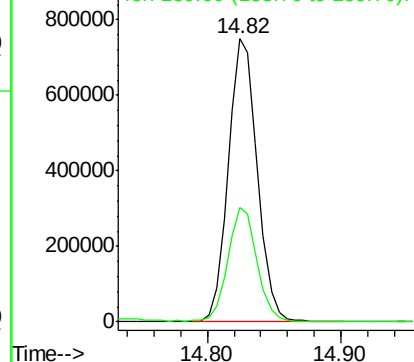
Ion Ratio Lower Upper

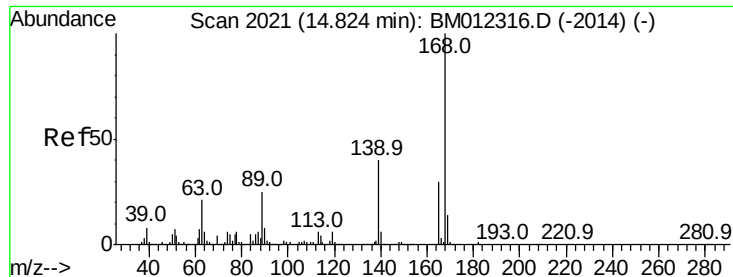
168 100

139 40.5 30.2 45.2



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

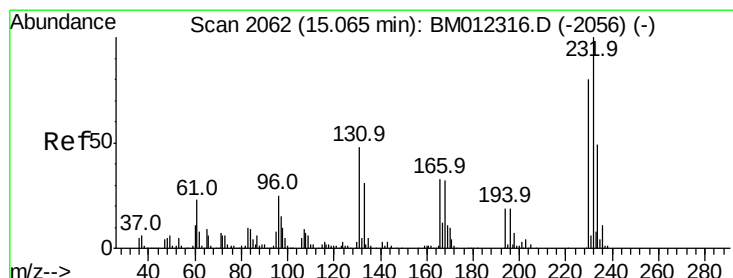
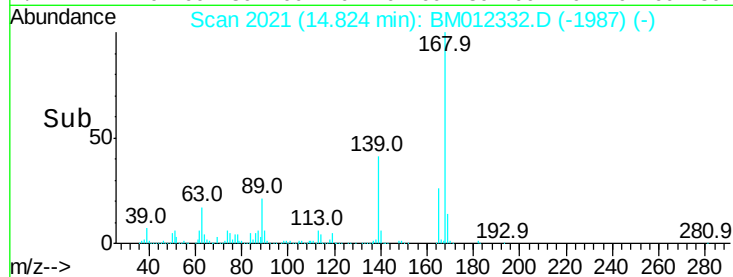
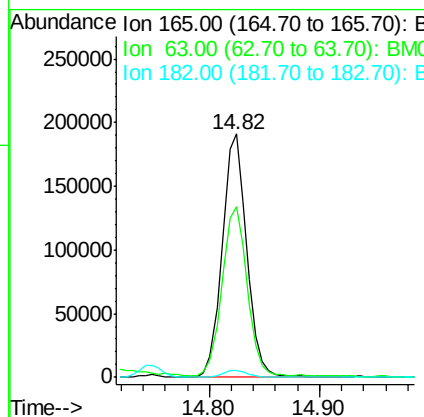
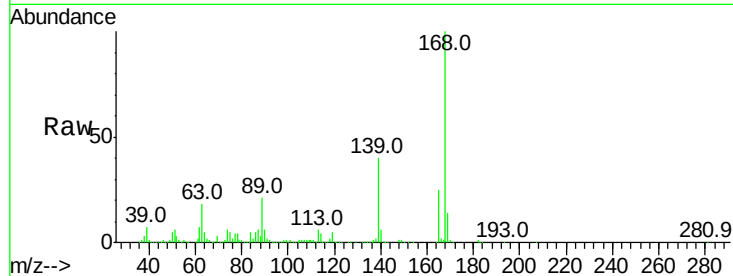




#54  
 2,4-Dinitrotoluene  
 Concen: 20.296 ng/ul  
 RT: 14.82 min Scan# 2021  
 Delta R.T. 0.00 min  
 Lab File: BM012332.D  
 Acq: 20 Oct 2017 22:47

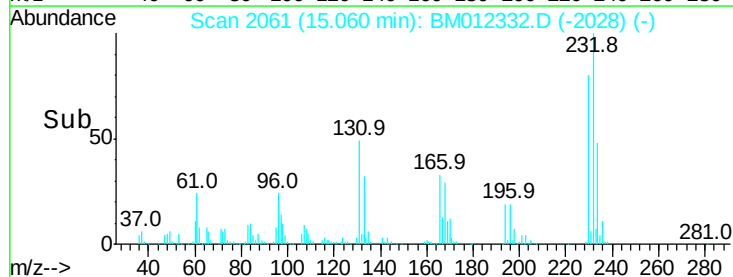
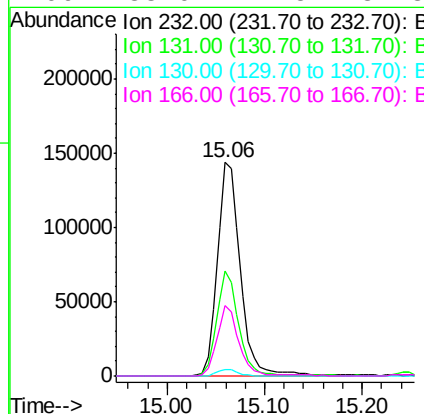
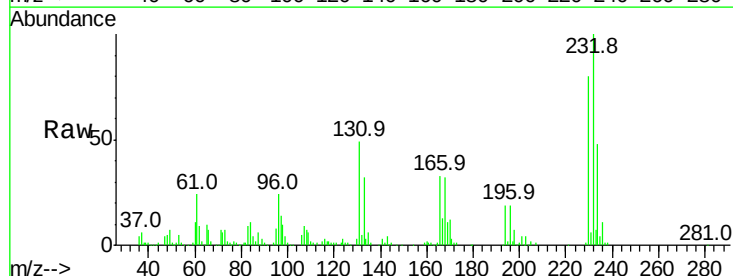
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02021

Tot Ion:165 Resp: 296858  
 Ion Ratio Lower Upper  
 165 100  
 63 69.8 38.7 58.1#  
 182 2.7 2.6 3.8

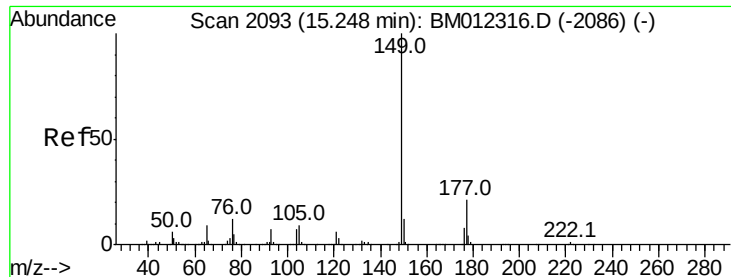


#55  
 2,3,4,6-Tetrachlorophenol  
 Concen: 18.054 ng/ul  
 RT: 15.06 min Scan# 2061  
 Delta R.T. -0.01 min  
 Lab File: BM012332.D  
 Acq: 20 Oct 2017 22:47

Tgt Ion:232 Resp: 234983  
 Ion Ratio Lower Upper  
 232 100  
 131 49.1 29.4 44.2#  
 130 2.9 1.8 2.8#  
 166 33.0 21.5 32.3#



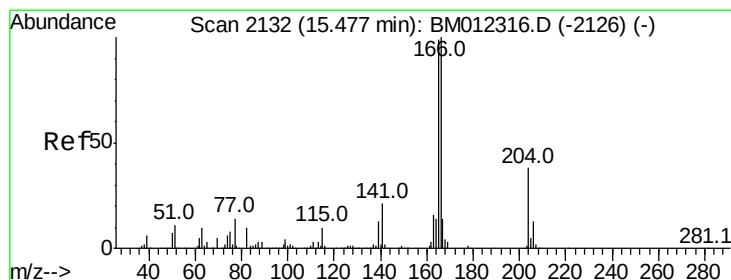
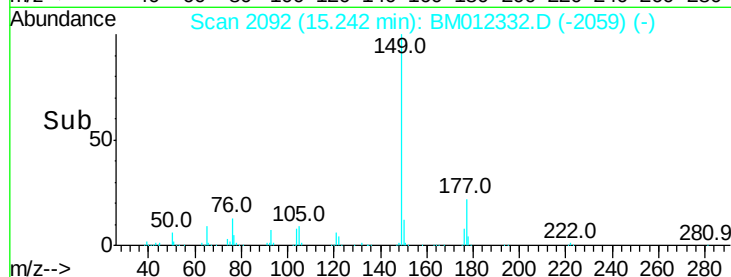
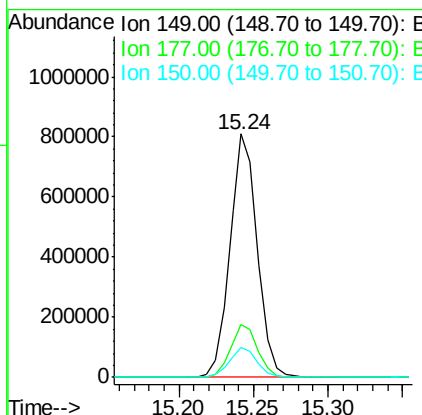
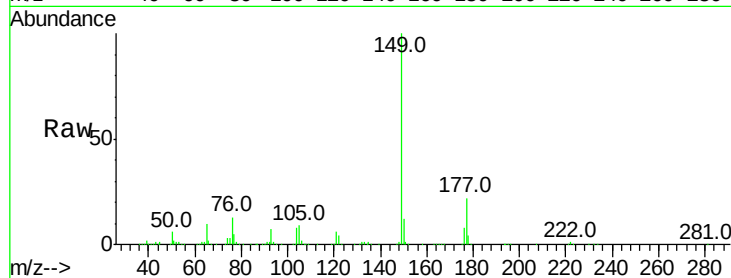




#56  
Diethylphthalate  
Concen: 18.862 ng/ul  
RT: 15.24 min Scan# 2092  
Delta R.T. -0.01 min  
Lab File: BM012332.D  
Acq: 20 Oct 2017 22:47

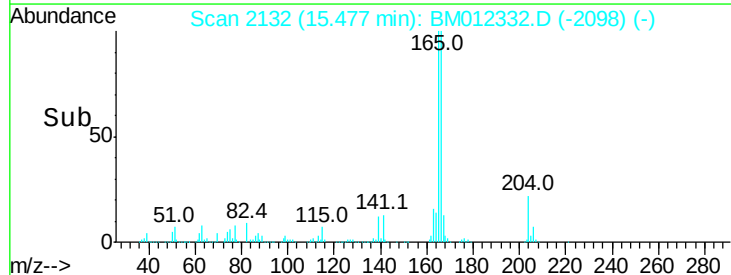
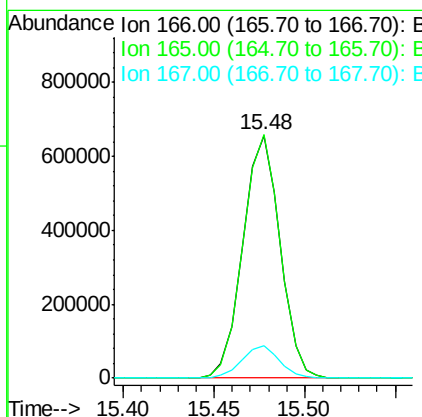
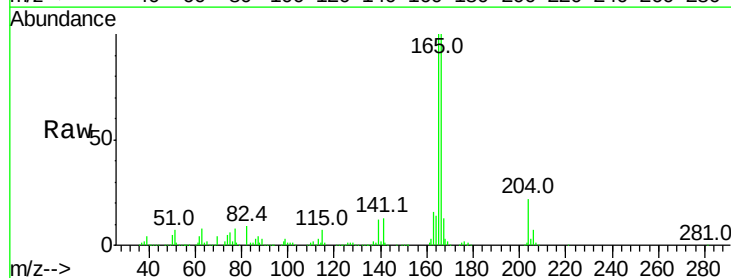
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02021

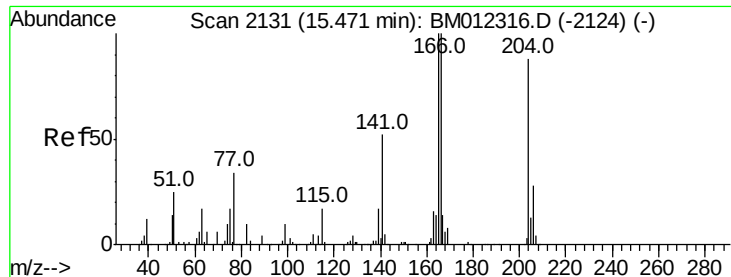
Tot Ion:149 Resp: 1036642  
Ion Ratio Lower Upper  
149 100  
177 21.9 18.7 28.1  
150 12.4 10.0 15.0



#58  
Fluorene  
Concen: 19.240 ng/ul  
RT: 15.48 min Scan# 2132  
Delta R.T. 0.00 min  
Lab File: BM012332.D  
Acq: 20 Oct 2017 22:47

Tgt Ion:166 Resp: 934868  
Ion Ratio Lower Upper  
166 100  
165 100.4 79.0 118.6  
167 13.2 10.8 16.2

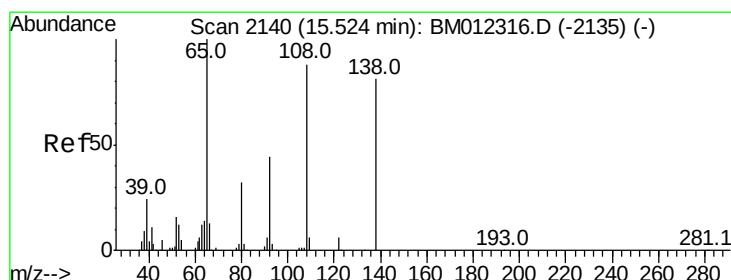
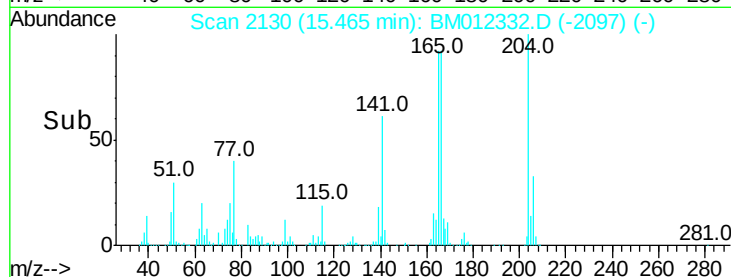
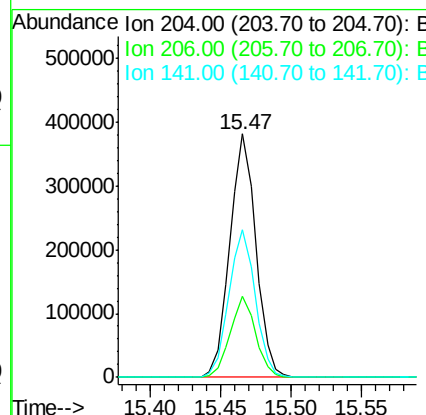
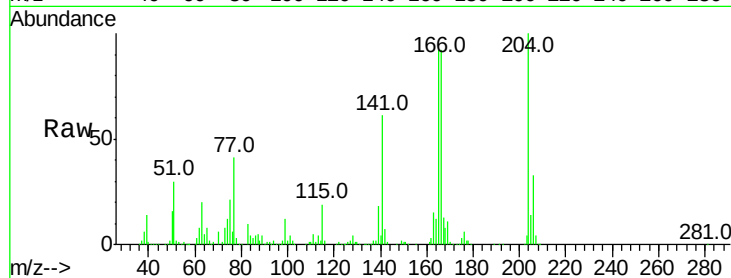




#59  
4-Chlorophenyl-phenylether  
Concen: 19.234 ng/ul  
RT: 15.47 min Scan# 2130  
Delta R.T. -0.01 min  
Lab File: BM012332.D  
Acq: 20 Oct 2017 22:47

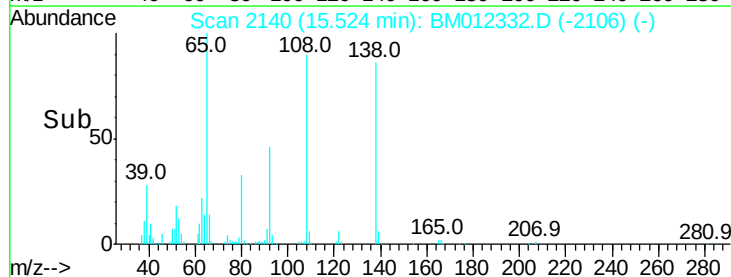
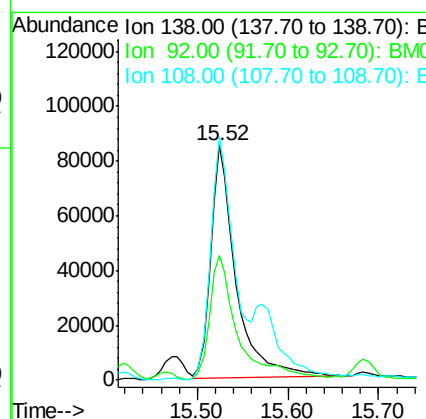
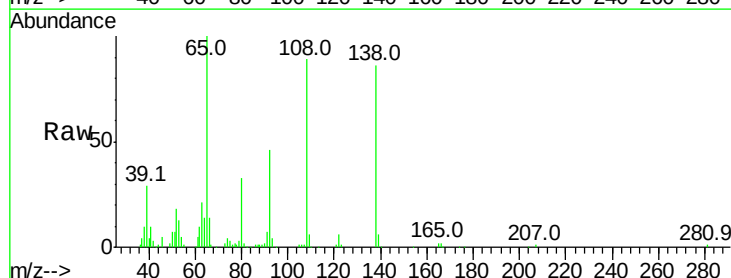
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02021

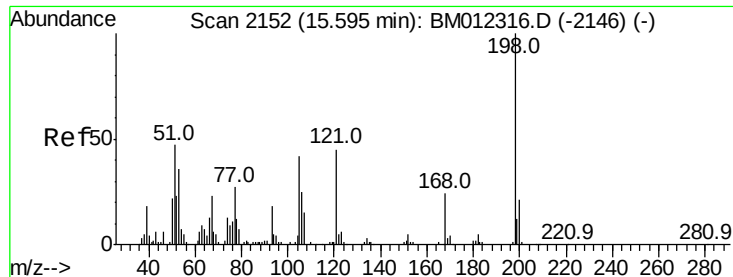
Tot Ion:204 Resp: 490945  
Ion Ratio Lower Upper  
204 100  
206 33.1 27.8 41.6  
141 60.6 43.9 65.9



#60  
4-Nitroaniline  
Concen: 17.129 ng/ul  
RT: 15.52 min Scan# 2140  
Delta R.T. 0.00 min  
Lab File: BM012332.D  
Acq: 20 Oct 2017 22:47

Tgt Ion:138 Resp: 166065  
Ion Ratio Lower Upper  
138 100  
92 53.3 40.2 60.2  
108 103.9 74.3 111.5

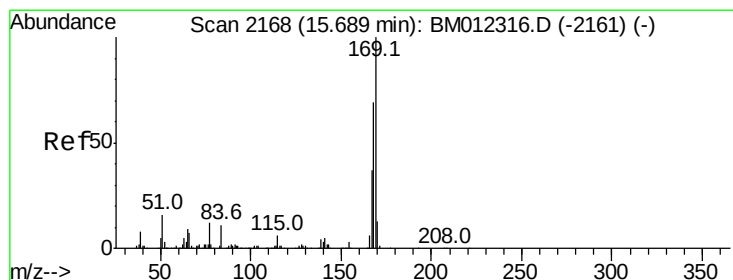
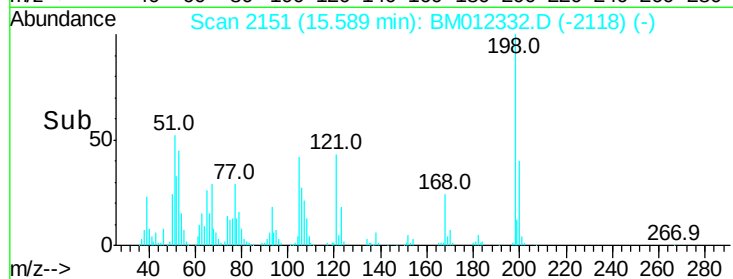
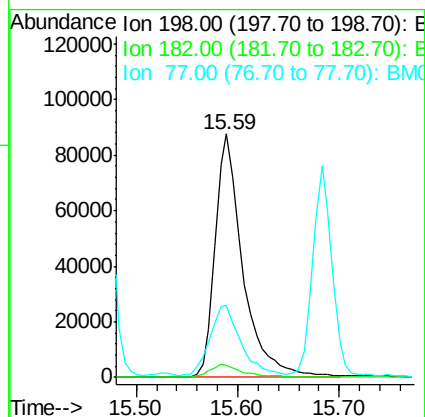
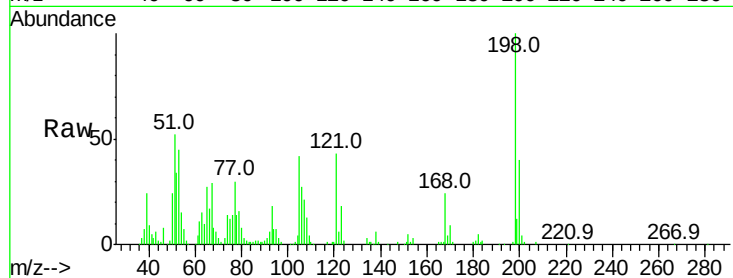




#63  
 4,6-Dinitro-2-methylphenol  
 Concen: 16.890 ng/ul  
 RT: 15.59 min Scan# 2151  
 Delta R.T. -0.01 min  
 Lab File: BM012332.D  
 Acq: 20 Oct 2017 22:47

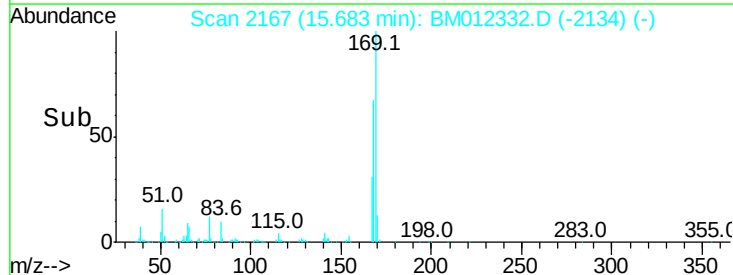
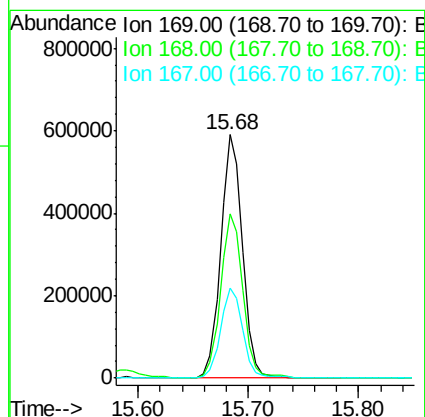
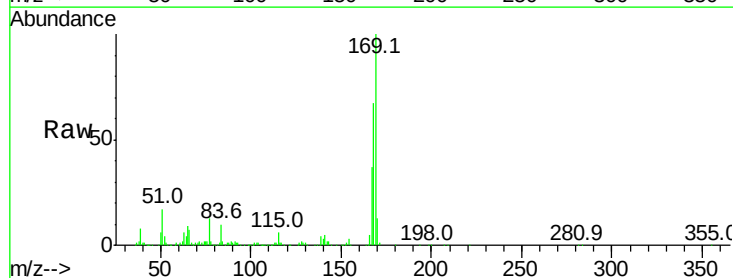
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02021

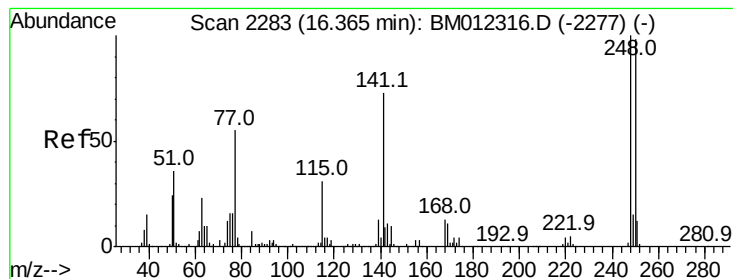
Tot Ion:198 Resp: 166362  
 Ion Ratio Lower Upper  
 198 100  
 182 5.1 3.7 5.5  
 77 29.5 18.2 27.2#



#64  
 N-Nitrosodiphenylamine  
 Concen: 18.994 ng/ul  
 RT: 15.68 min Scan# 2167  
 Delta R.T. -0.01 min  
 Lab File: BM012332.D  
 Acq: 20 Oct 2017 22:47

Tgt Ion:169 Resp: 808250  
 Ion Ratio Lower Upper  
 169 100  
 168 67.4 53.9 80.9  
 167 36.8 28.8 43.2





#65

4-Bromophenyl-phenylether

Concen: 18.912 ng/ul

RT: 16.36 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BM012332.D

Acq: 20 Oct 2017 22:47

Instrument :

BNA\_M

ClientSampleId :

SSTD02021

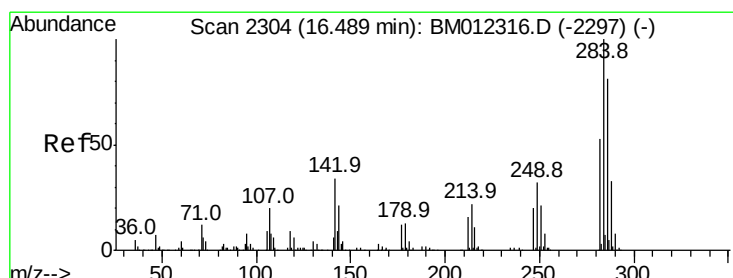
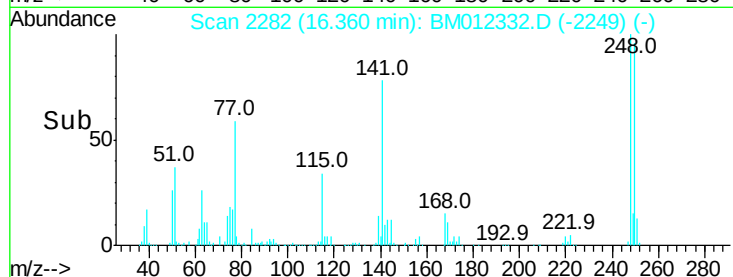
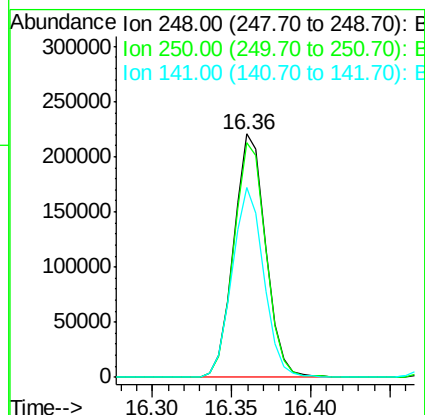
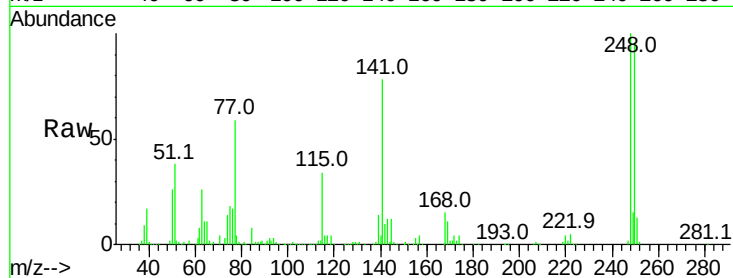
Tot Ion:248 Resp: 307756

Ion Ratio Lower Upper

248 100

250 96.5 78.1 117.1

141 77.9 52.9 79.3



#66

Hexachlorobenzene

Concen: 18.737 ng/ul

RT: 16.48 min Scan# 2303

Delta R.T. -0.01 min

Lab File: BM012332.D

Acq: 20 Oct 2017 22:47

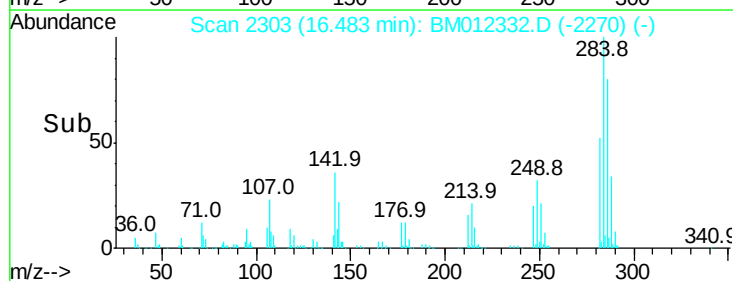
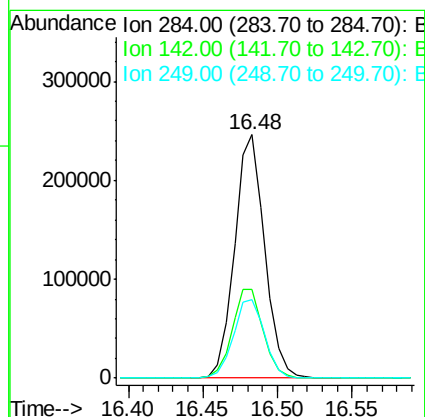
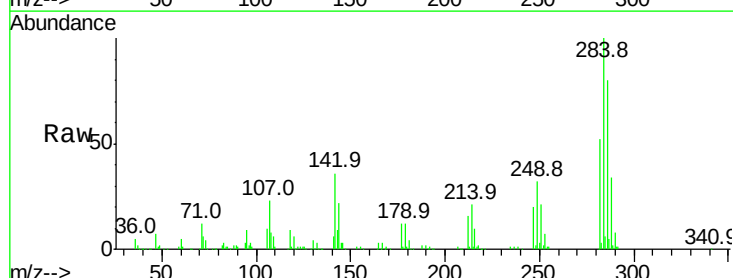
Tgt Ion:284 Resp: 345438

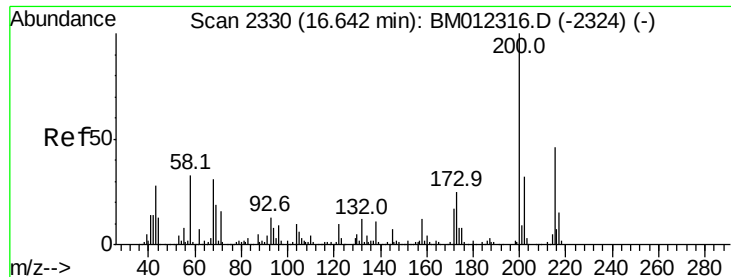
Ion Ratio Lower Upper

284 100

142 36.5 25.7 38.5

249 32.3 27.0 40.6

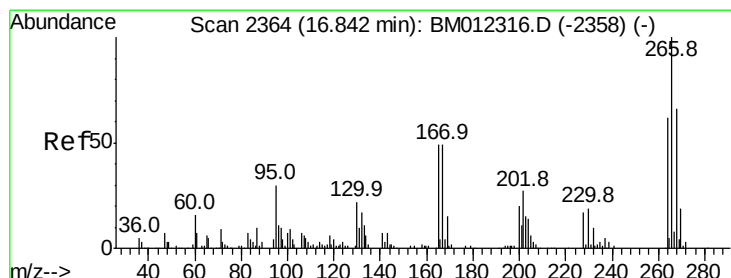
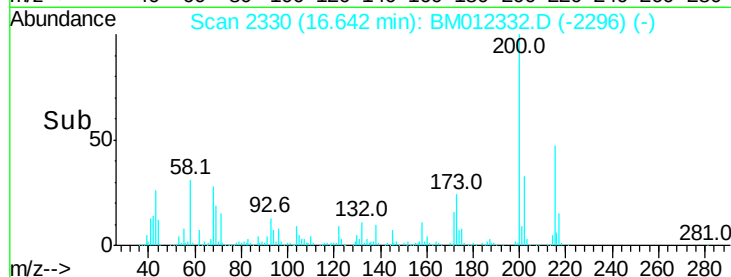
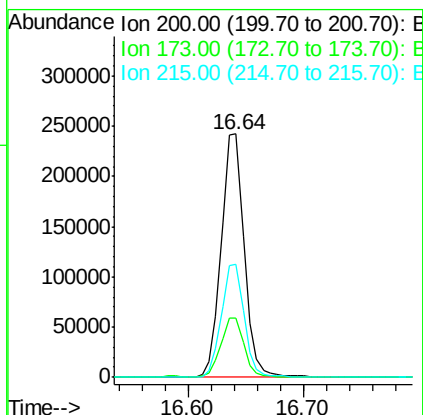
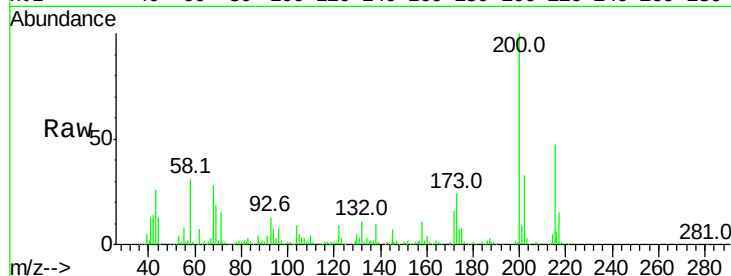




#67  
 Atrazine  
 Concen: 18.941 ng/ul  
 RT: 16.64 min Scan# 2330  
 Delta R.T. 0.00 min  
 Lab File: BM012332.D  
 Acq: 20 Oct 2017 22:47

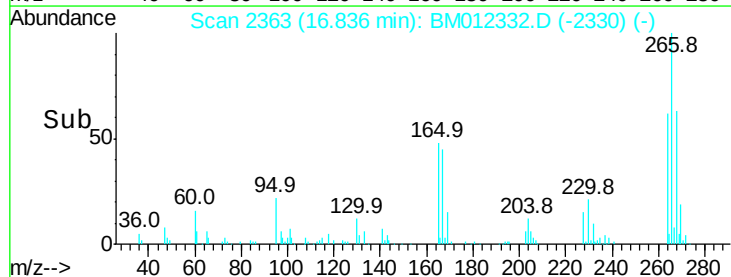
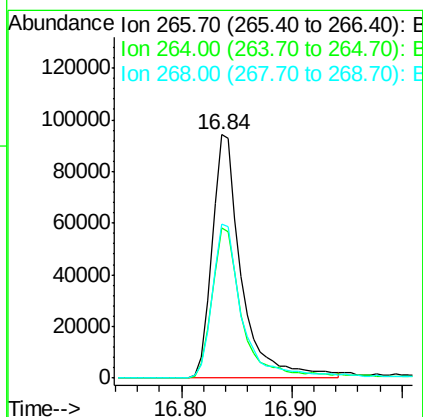
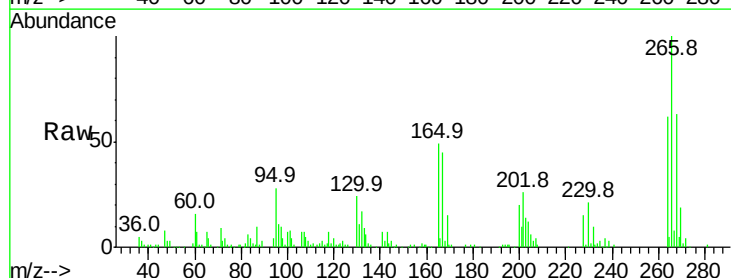
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02021

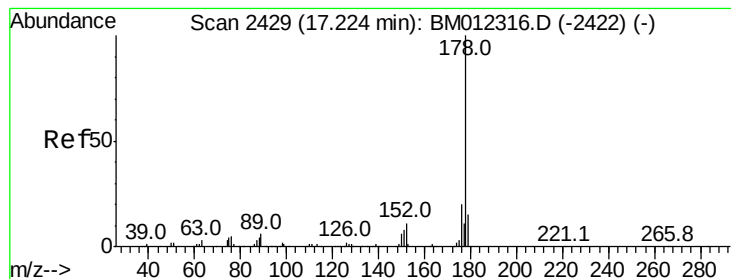
Tot Ion:200 Resp: 337011  
 Ion Ratio Lower Upper  
 200 100  
 173 24.3 19.1 28.7  
 215 46.5 39.0 58.4



#68  
 Pentachlorophenol  
 Concen: 16.869 ng/ul  
 RT: 16.84 min Scan# 2363  
 Delta R.T. -0.01 min  
 Lab File: BM012332.D  
 Acq: 20 Oct 2017 22:47

Tgt Ion:266 Resp: 173444  
 Ion Ratio Lower Upper  
 266 100  
 264 61.7 47.3 70.9  
 268 63.1 52.3 78.5





#69

Phenanthrene

Concen: 19.083 ng/ul

RT: 17.22 min Scan# 2428

Delta R.T. -0.01 min

Lab File: BM012332.D

Acq: 20 Oct 2017 22:47

Instrument :

BNA\_M

ClientSampleId :

SSTD02021

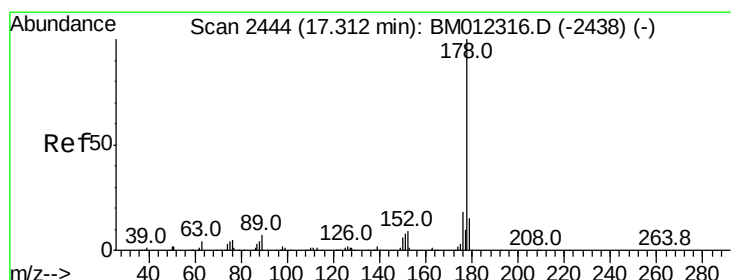
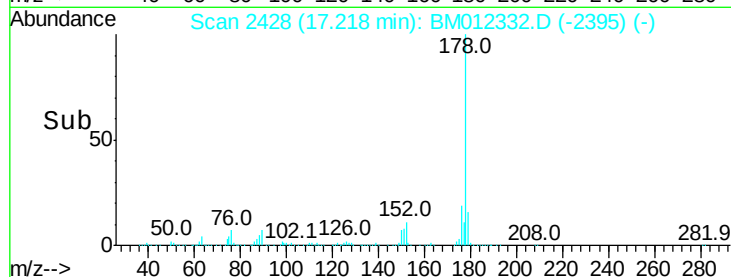
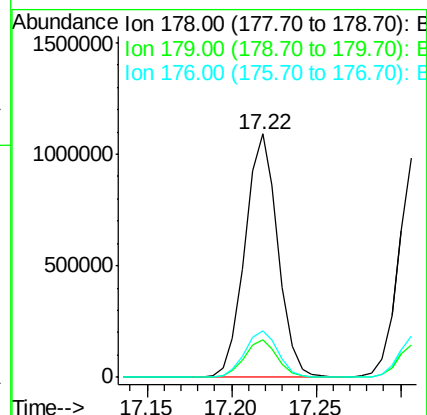
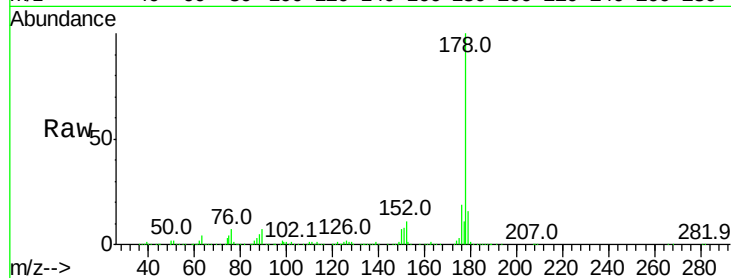
Tot Ion:178 Resp: 1475783

Ion Ratio Lower Upper

178 100

179 15.7 12.0 18.0

176 19.3 15.0 22.6



#71

Anthracene

Concen: 19.068 ng/ul

RT: 17.31 min Scan# 2444

Delta R.T. 0.00 min

Lab File: BM012332.D

Acq: 20 Oct 2017 22:47

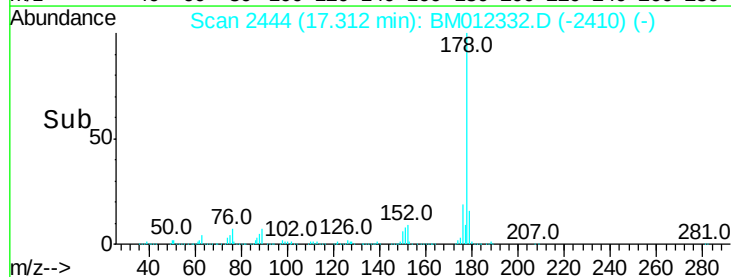
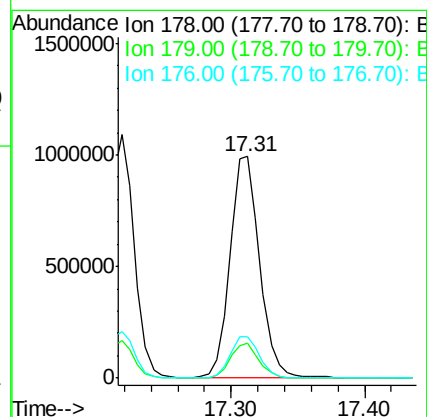
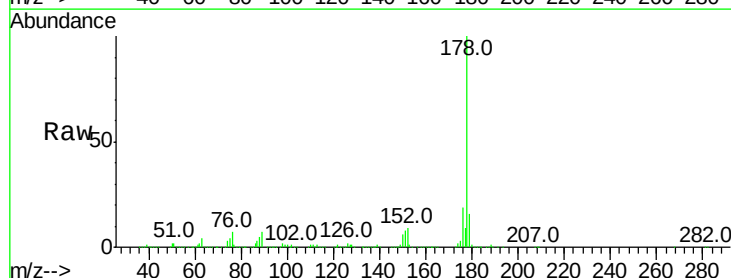
Tgt Ion:178 Resp: 1526679

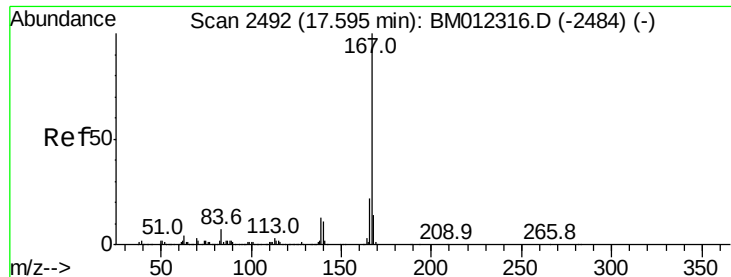
Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.4

176 18.9 14.7 22.1

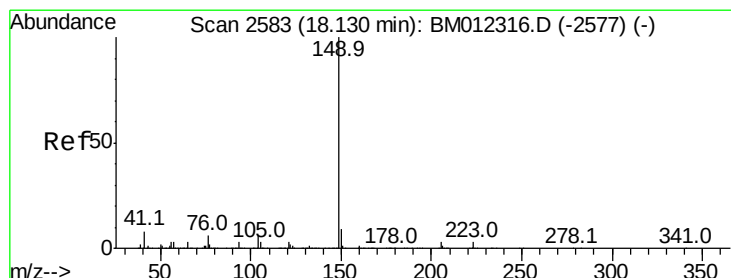
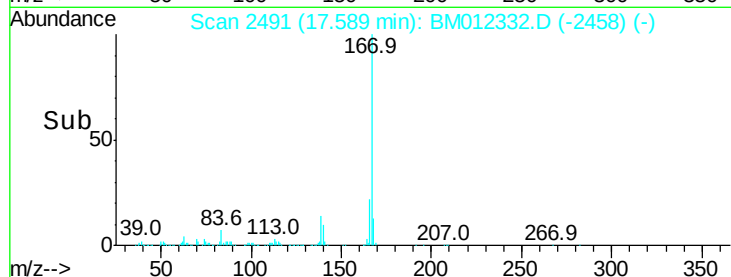
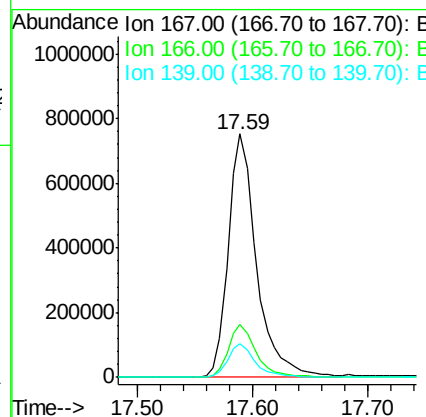
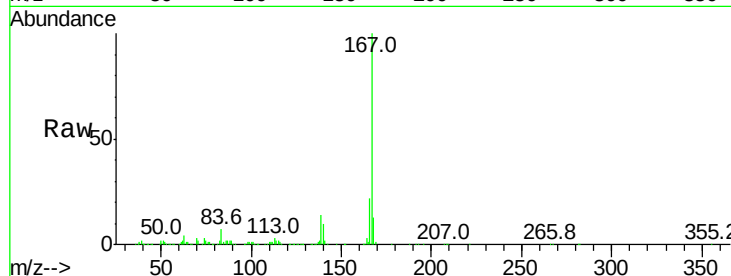




#72  
 Carbazole  
 Concen: 18.934 ng/ul  
 RT: 17.59 min Scan# 2491  
 Delta R.T. -0.01 min  
 Lab File: BM012332.D  
 Acq: 20 Oct 2017 22:47

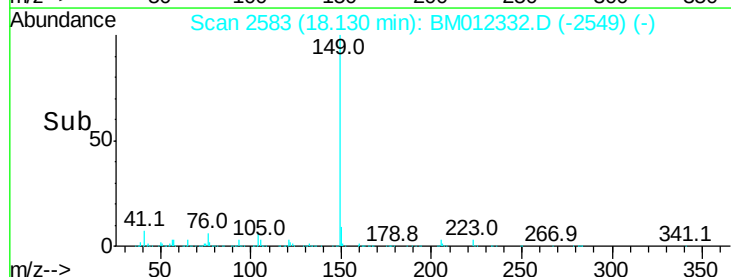
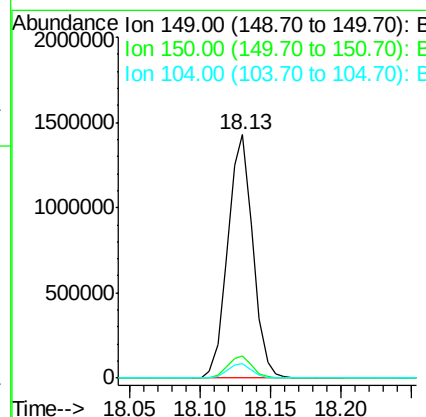
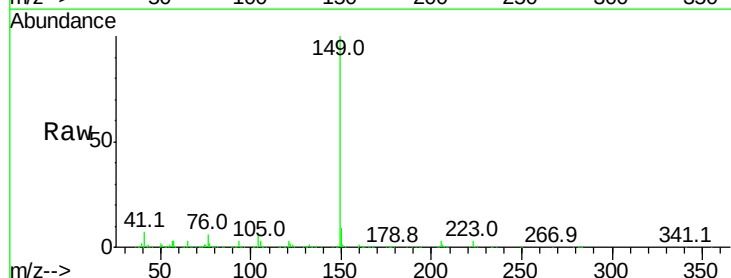
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SST02021

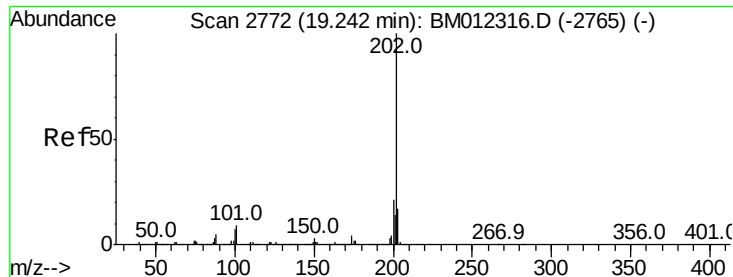
Tot Ion:167 Resp: 1282991  
 Ion Ratio Lower Upper  
 167 100  
 166 21.6 17.8 26.6  
 139 13.7 10.6 15.8



#73  
 Di-n-butylphthalate  
 Concen: 18.664 ng/ul  
 RT: 18.13 min Scan# 2583  
 Delta R.T. 0.00 min  
 Lab File: BM012332.D  
 Acq: 20 Oct 2017 22:47

Tgt Ion:149 Resp: 1755828  
 Ion Ratio Lower Upper  
 149 100  
 150 9.0 7.4 11.0  
 104 5.8 4.2 6.4

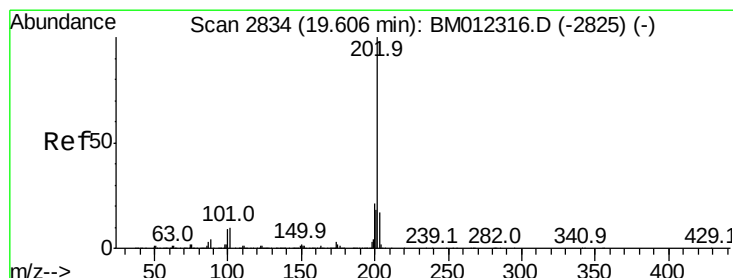
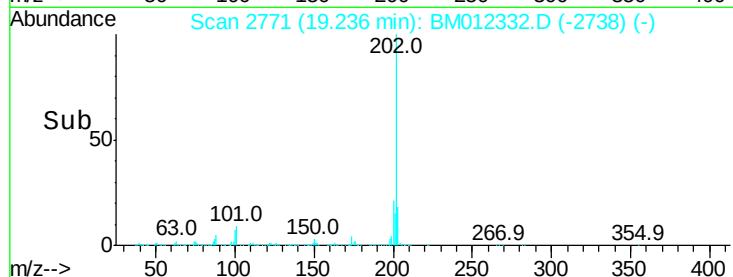
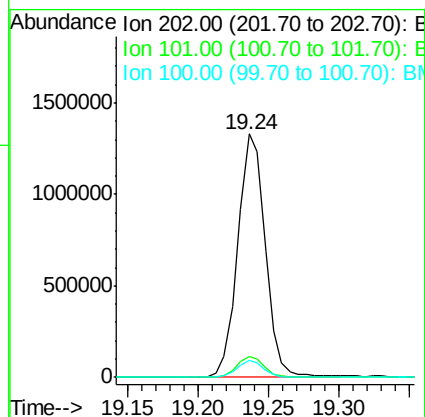
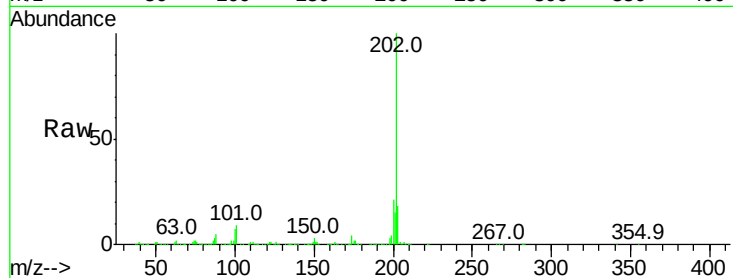




#74  
Fluoranthene  
Concen: 19.396 ng/ul  
RT: 19.24 min Scan# 2771  
Delta R.T. -0.01 min  
Lab File: BM012332.D  
Acq: 20 Oct 2017 22:47

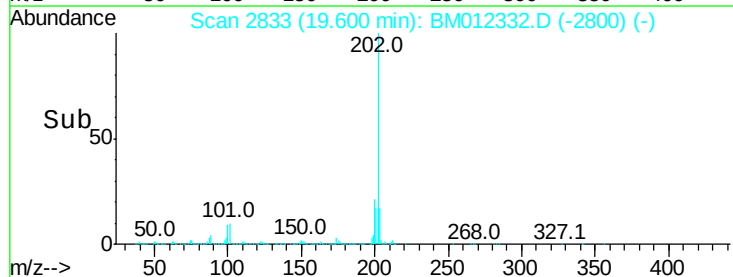
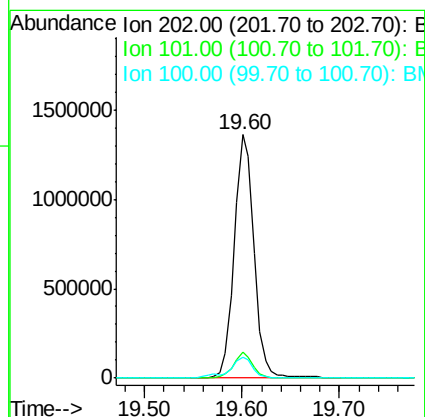
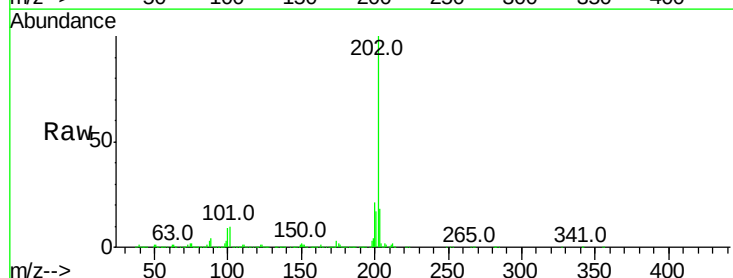
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02021

Tot Ion:202 Resp: 1810245  
Ion Ratio Lower Upper  
202 100  
101 8.8 5.8 8.6#  
100 6.9 4.3 6.5#

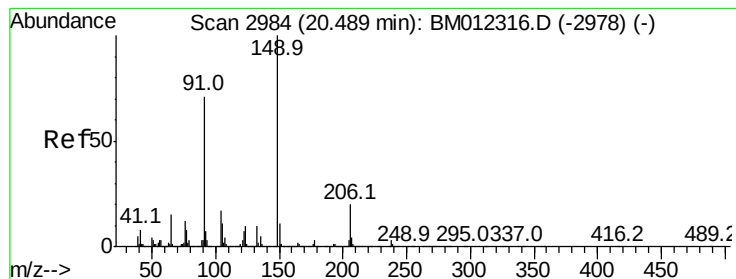


#77  
Pyrene  
Concen: 17.736 ng/ul  
RT: 19.60 min Scan# 2833  
Delta R.T. -0.01 min  
Lab File: BM012332.D  
Acq: 20 Oct 2017 22:47

Tgt Ion:202 Resp: 1906947  
Ion Ratio Lower Upper  
202 100  
101 10.5 6.5 9.7#  
100 8.7 5.6 8.4#







#78

Butylbenzylphthalate

Concen: 17.841 ng/ul

RT: 20.48 min Scan# 2983

Delta R.T. -0.01 min

Lab File: BM012332.D

Acq: 20 Oct 2017 22:47

Instrument :

BNA\_M

ClientSampleId :

SSTD02021

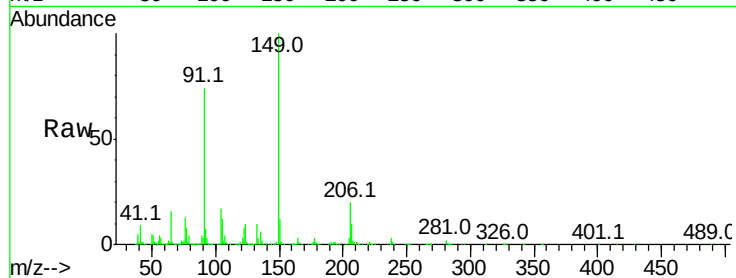
Tot Ion:149 Resp: 853934

Ion Ratio Lower Upper

149 100

91 74.2 52.8 79.2

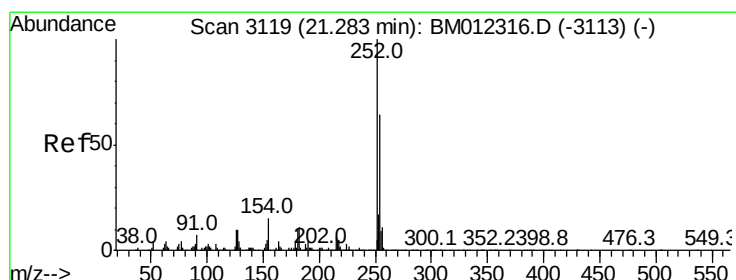
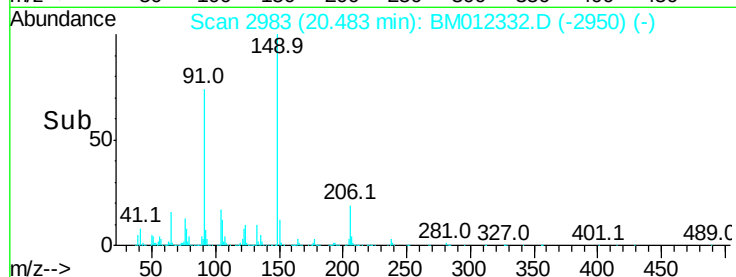
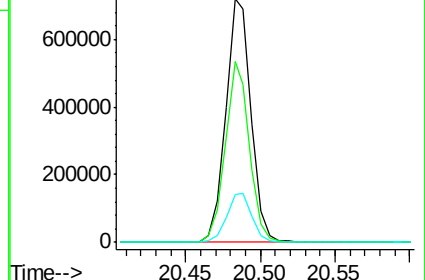
206 19.5 19.1 28.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



#79

3,3'-Dichlorobenzidine

Concen: 19.681 ng/ul

RT: 21.28 min Scan# 3118

Delta R.T. -0.01 min

Lab File: BM012332.D

Acq: 20 Oct 2017 22:47

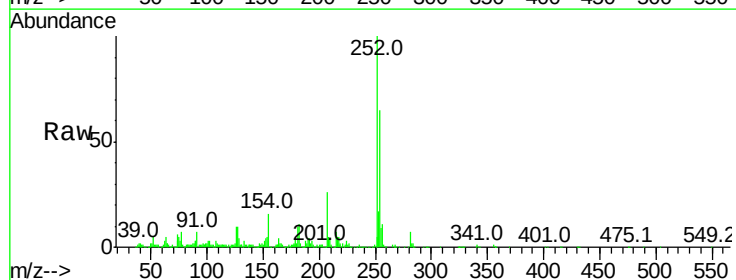
Tgt Ion:252 Resp: 637690

Ion Ratio Lower Upper

252 100

254 64.5 51.5 77.3

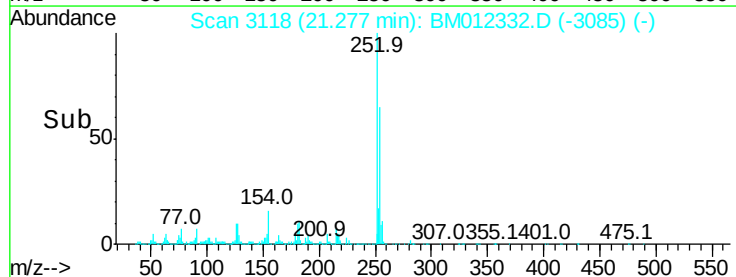
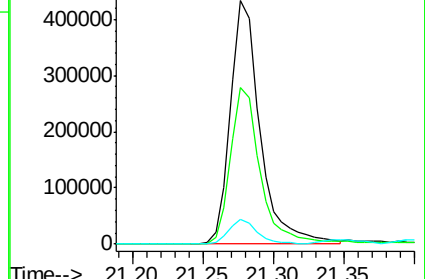
126 10.2 6.9 10.3

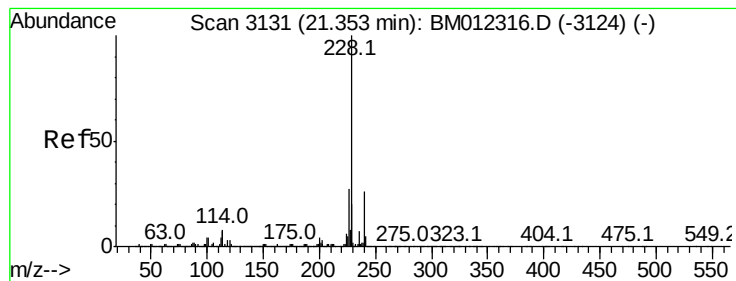


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#80

Benzo(a)anthracene

Concen: 18.161 ng/ul

RT: 21.35 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM012332.D

Acq: 20 Oct 2017 22:47

Instrument :

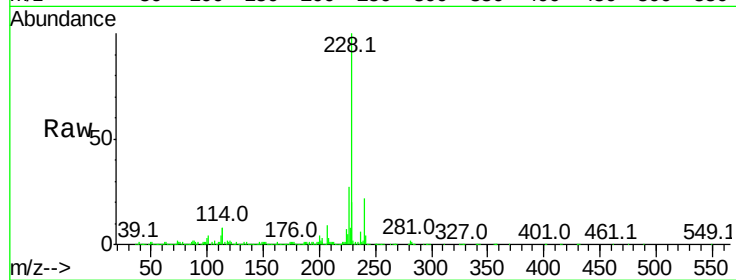
BNA\_M

ClientSampleId :

SSTD02021

Tot Ion:228 Resp: 1923959

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 229 | 19.6  | 15.8  | 23.8  |
| 226 | 27.2  | 21.4  | 32.2  |

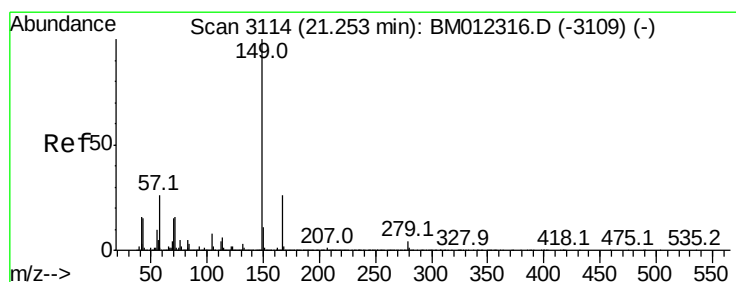
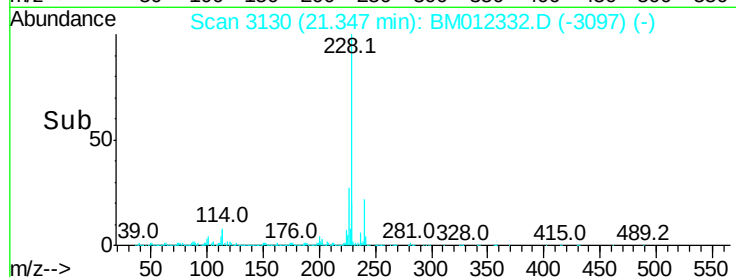
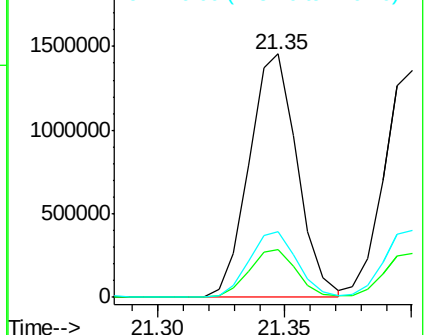


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 17.866 ng/ul

RT: 21.25 min Scan# 3114

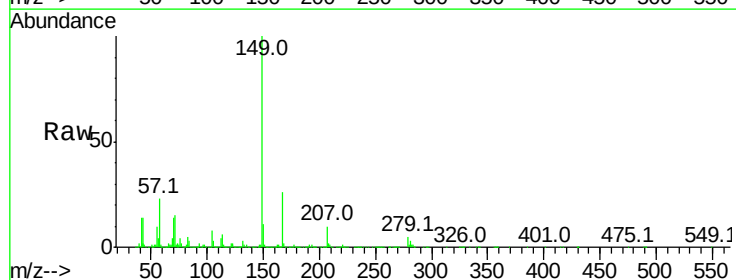
Delta R.T. 0.00 min

Lab File: BM012332.D

Acq: 20 Oct 2017 22:47

Tgt Ion:149 Resp: 1283128

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 26.4  | 22.5  | 33.7  |
| 279 | 4.8   | 4.4   | 6.6   |

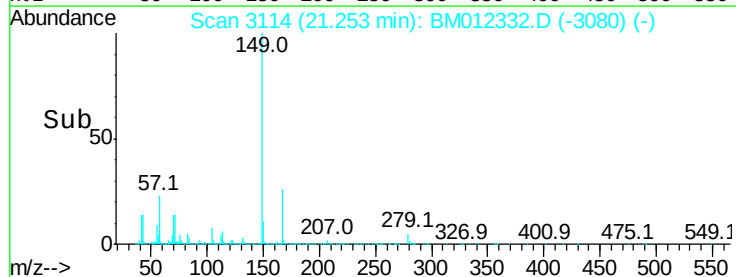
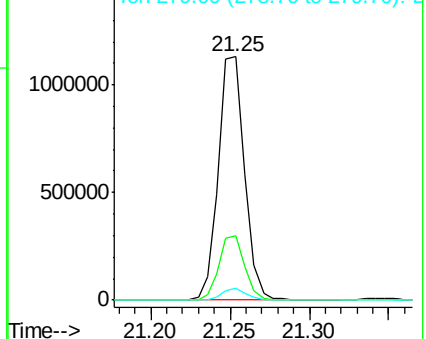


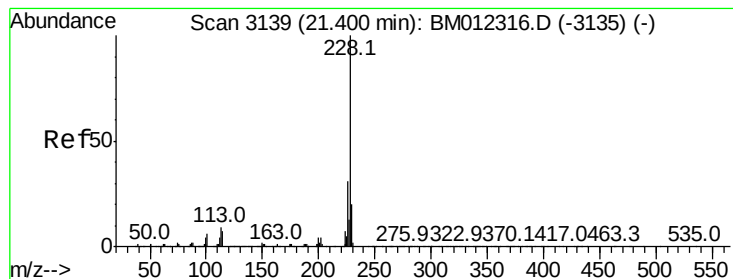
Abundance

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





#82

Chrysene

Concen: 17.938 ng/ul

RT: 21.40 min Scan# 3139

Delta R.T. 0.00 min

Lab File: BM012332.D

Acq: 20 Oct 2017 22:47

Instrument :

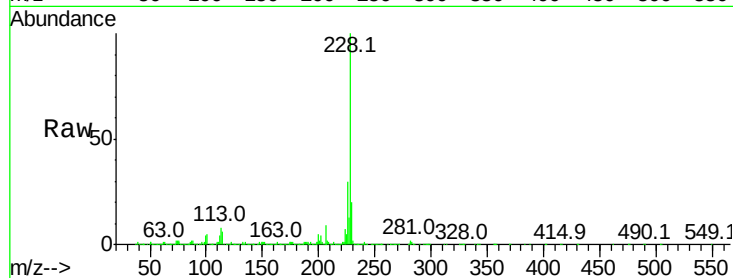
BNA\_M

ClientSampleId :

SSTD02021

Tot Ion:228 Resp: 1784159

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.6  | 24.0  | 36.0  |
| 229 | 19.7  | 15.5  | 23.3  |

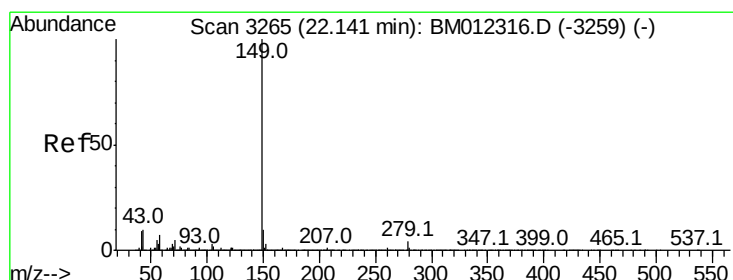
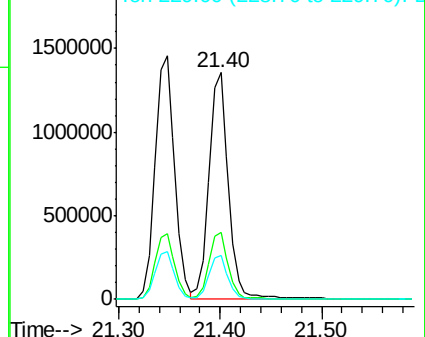
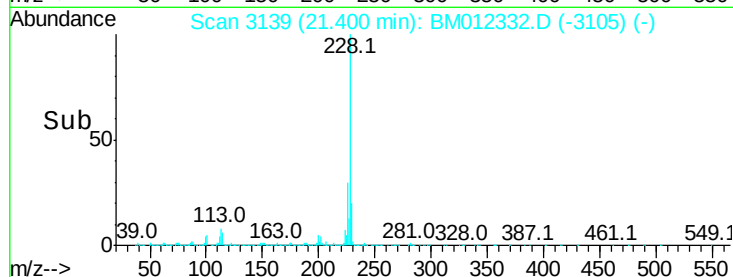


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Di-n-octyl phthalate

Concen: 19.386 ng/ul

RT: 22.14 min Scan# 3264

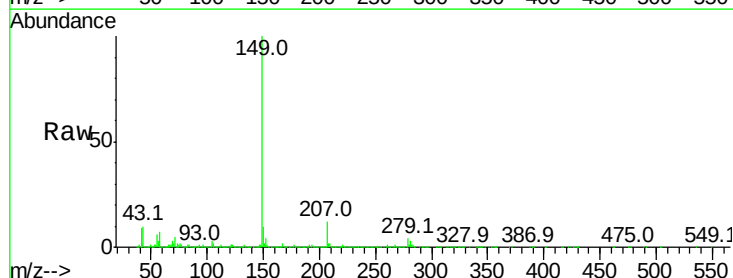
Delta R.T. -0.01 min

Lab File: BM012332.D

Acq: 20 Oct 2017 22:47

Tgt Ion:149 Resp: 2253422

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 1.5   | 1.5   | 2.3#  |
| 43  | 10.2  | 6.4   | 9.6#  |

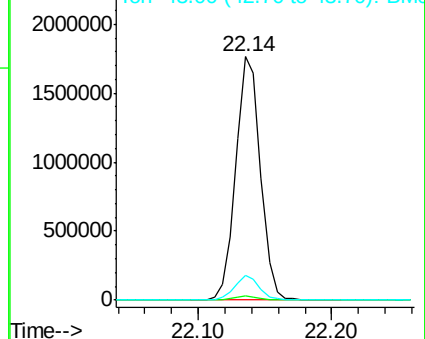
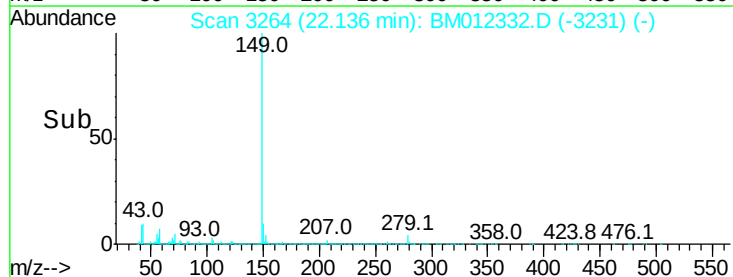


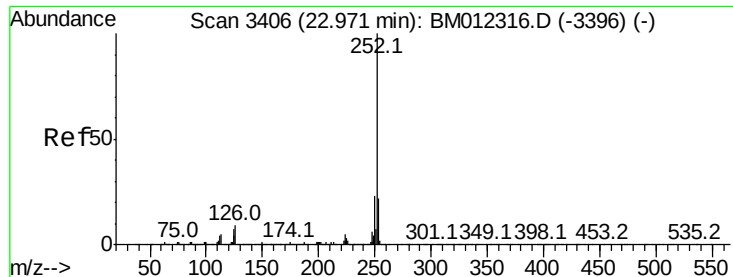
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#85

Benzo(b)fluoranthene

Concen: 18.739 ng/ul

RT: 22.96 min Scan# 3404

Delta R.T. -0.01 min

Lab File: BM012332.D

Acq: 20 Oct 2017 22:47

Instrument :

BNA\_M

ClientSampleId :

SSTD02021

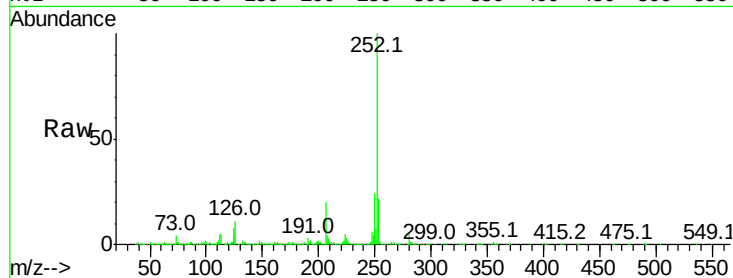
Tot Ion:252 Resp: 1944355

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

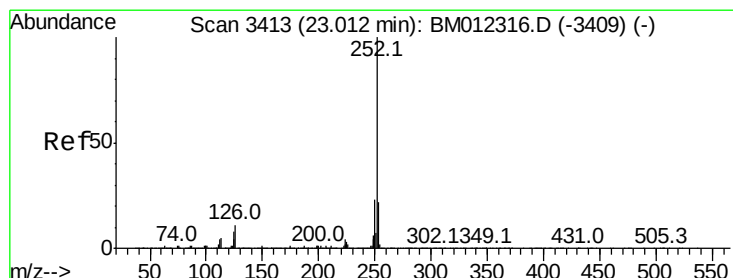
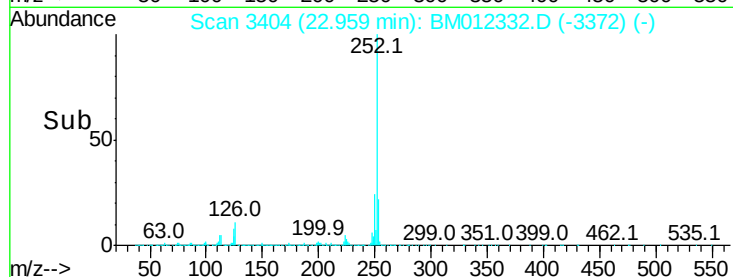
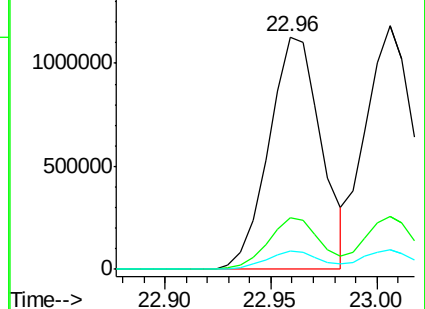
125 8.1 5.1 7.7#



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



#86

Benzo(k)fluoranthene

Concen: 19.504 ng/ul

RT: 23.01 min Scan# 3412

Delta R.T. -0.01 min

Lab File: BM012332.D

Acq: 20 Oct 2017 22:47

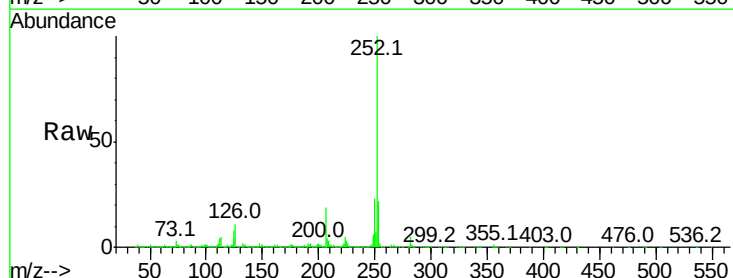
Tgt Ion:252 Resp: 1950270

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

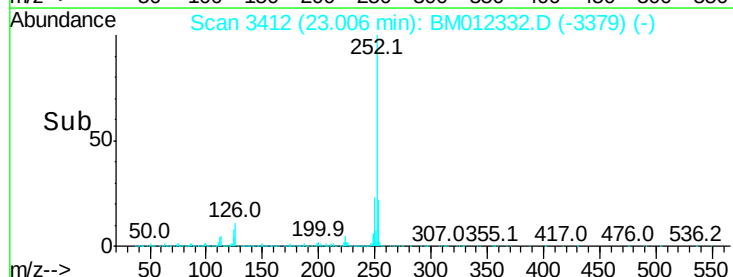
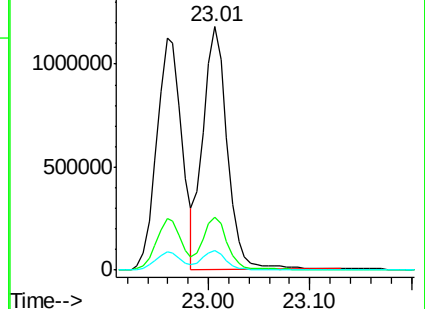
125 7.8 4.9 7.3#

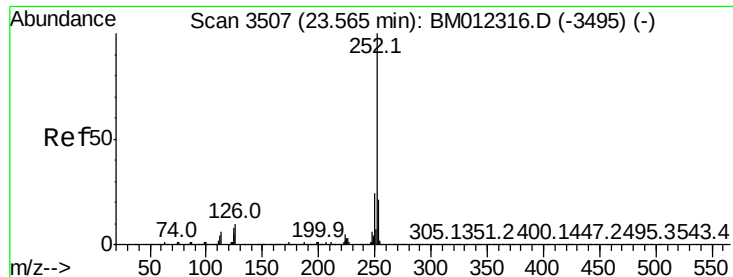


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 18.898 ng/ul

RT: 23.55 min Scan# 3505

Delta R.T. -0.01 min

Lab File: BM012332.D

Acq: 20 Oct 2017 22:47

Instrument :

BNA\_M

ClientSampleId :

SSTD02021

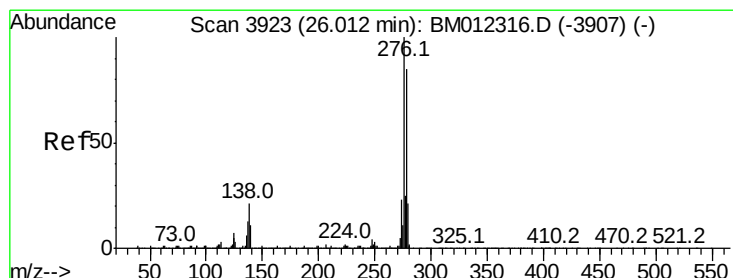
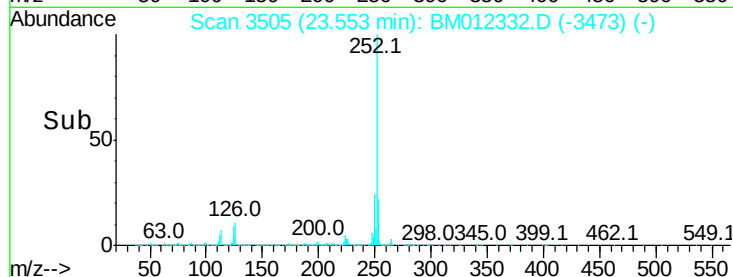
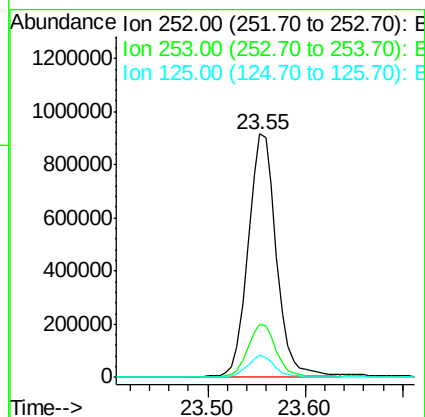
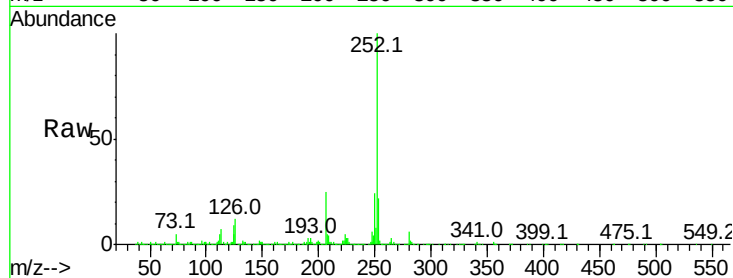
Tot Ion:252 Resp: 1848080

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.0  | 17.1  | 25.7  |
| 125 | 9.0   | 5.2   | 7.8   |

252 100

253 22.0 17.1 25.7

125 9.0 5.2 7.8



#89

Indeno(1,2,3-cd)pyrene

Concen: 17.952 ng/ul

RT: 26.00 min Scan# 3921

Delta R.T. -0.01 min

Lab File: BM012332.D

Acq: 20 Oct 2017 22:47

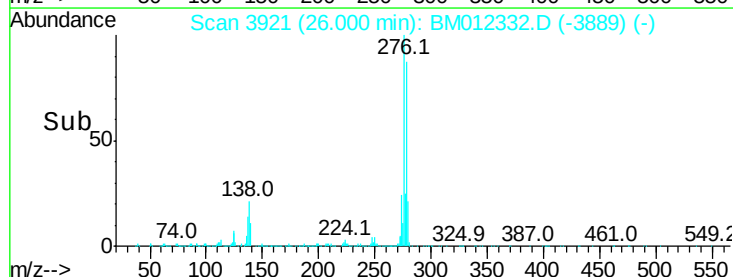
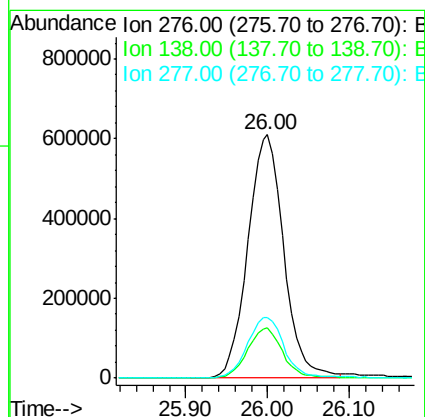
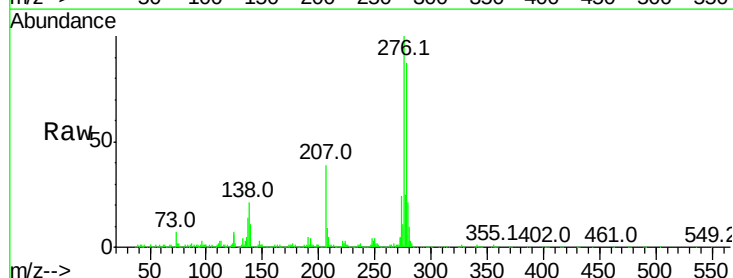
Tgt Ion:276 Resp: 1864310

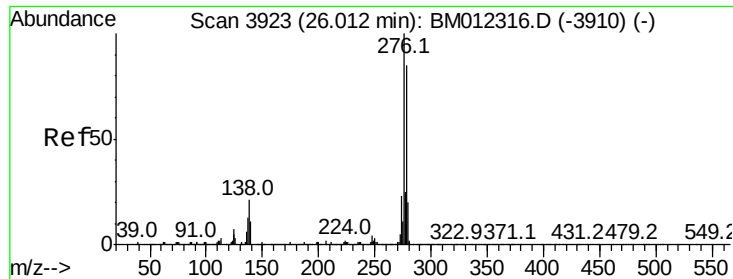
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 20.7  | 13.2  | 19.8  |
| 277 | 24.9  | 20.6  | 31.0  |

276 100

138 20.7 13.2 19.8

277 24.9 20.6 31.0





#90

Dibenzo(a,h)anthracene

Concen: 18.254 ng/ul

RT: 26.00 min Scan# 3921

Delta R.T. -0.01 min

Lab File: BM012332.D

Acq: 20 Oct 2017 22:47

Instrument :

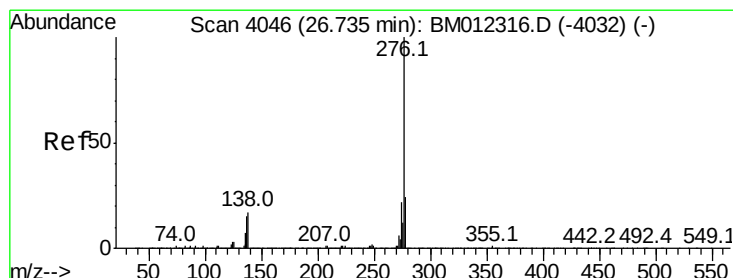
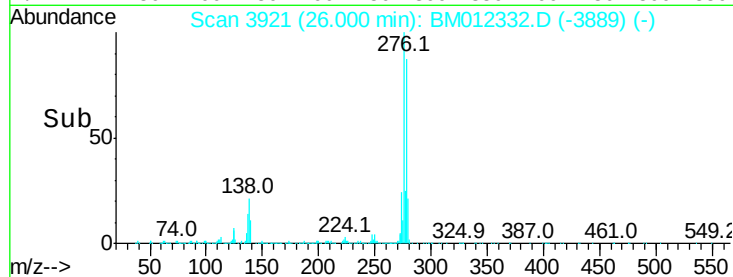
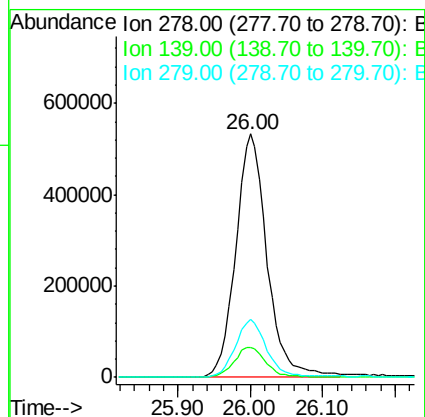
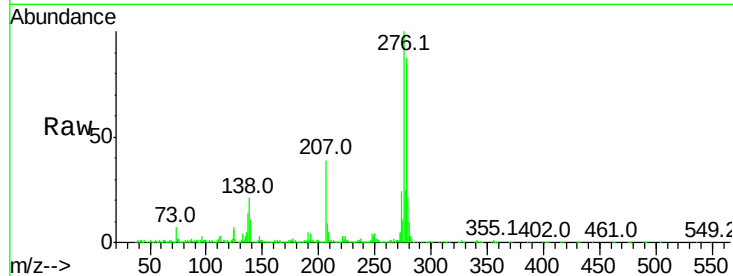
BNA\_M

ClientSampleId :

SSTD02021

Tot Ion:278 Resp: 1593617

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 12.5  | 8.3   | 12.5# |
| 279 | 23.9  | 19.3  | 28.9  |



#91

Benzo(g,h,i)perylene

Concen: 17.531 ng/ul

RT: 26.72 min Scan# 4043

Delta R.T. -0.02 min

Lab File: BM012332.D

Acq: 20 Oct 2017 22:47

Tgt Ion:276 Resp: 1491123

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 16.6  | 10.7  | 16.1# |
| 277 | 23.2  | 19.0  | 28.4  |

