

Data File : BM010328.D  
Acq On : 31 May 2017 12:56  
Operator : SJ/MA  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02009

Quant Time: Jun 01 00:54:42 2017  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM052717.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue May 30 16:47:17 2017  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.92  | 152  | 260805   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.73 | 136  | 949114   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.56 | 164  | 593387   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.30 | 188  | 1395300  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.47 | 240  | 1859104  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.82 | 264  | 1983382  | 20.00 | ng/ul | 0.00     |

System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.38  | 96  | 45871   | 7.22  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.11  | 99  | 382622  | 19.36 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.26  | 67  | 217131  | 19.55 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.46  | 132 | 321435  | 20.41 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.65  | 113 | 303967  | 19.06 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.11  | 128 | 146742  | 21.11 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.82  | 143 | 164117  | 20.38 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.35 | 165 | 351419  | 21.24 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.89 | 131 | 358779  | 22.48 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.97 | 166 | 1041672 | 21.13 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.26 | 160 | 1211854 | 21.07 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.80 | 143 | 140357  | 19.03 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.55 | 176 | 895181  | 20.66 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.67 | 200 | 184233  | 18.64 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.40 | 188 | 1368556 | 20.16 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.69 | 212 | 1616235 | 21.02 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.66 | 264 | 1894183 | 20.51 | ng/ul | 0.00 |

Target Compounds

|                                |       |     |        |       |        | Qvalue |
|--------------------------------|-------|-----|--------|-------|--------|--------|
| 2) 1,4-Dioxane                 | 3.42  | 88  | 50764  | 7.49  | ng/uL# | 44     |
| 4) Benzaldehyde                | 7.09  | 77  | 291415 | 21.93 | ng/ul  | 96     |
| 6) Phenol                      | 7.13  | 94  | 392002 | 19.35 | ng/ul  | 97     |
| 8) Bis(2-Chloroethyl)ether     | 7.36  | 93  | 279109 | 19.85 | ng/ul  | 91     |
| 10) 2-Chlorophenol             | 7.50  | 128 | 329855 | 20.87 | ng/ul# | 89     |
| 11) 2-Methylphenol             | 8.38  | 108 | 287331 | 19.43 | ng/ul  | 99     |
| 12) 2,2'-oxybis(1-Chloropropan | 8.45  | 45  | 120113 | 18.94 | ng/ul# | 54     |
| 14) Acetophenone               | 8.76  | 105 | 492802 | 18.94 | ng/ul# | 94     |
| 15) N-Nitroso-di-n-propylamine | 8.73  | 70  | 271077 | 20.84 | ng/ul# | 85     |
| 16) 4-Methylphenol             | 8.71  | 108 | 315128 | 19.43 | ng/ul  | 93     |
| 17) Hexachloroethane           | 8.99  | 117 | 146819 | 20.45 | ng/ul  | 89     |
| 20) Nitrobenzene               | 9.15  | 77  | 410924 | 20.70 | ng/ul  | 97     |
| 21) Isophorone                 | 9.66  | 82  | 648425 | 21.22 | ng/ul  | 98     |
| 23) 2-Nitrophenol              | 9.85  | 139 | 176769 | 20.70 | ng/ul  | 97     |
| 24) 2,4-Dimethylphenol         | 9.91  | 107 | 401403 | 20.22 | ng/ul  | 95     |
| 25) Bis(2-Chloroethoxy)methane | 10.14 | 93  | 347850 | 20.26 | ng/ul  | 95     |
| 27) 2,4-Dichlorophenol         | 10.38 | 162 | 347282 | 21.42 | ng/ul  | 96     |
| 28) Naphthalene                | 10.78 | 128 | 984947 | 20.69 | ng/ul  | 98     |
| 30) 4-Chloroaniline            | 10.92 | 127 | 347944 | 22.59 | ng/ul  | 91     |
| 31) Hexachlorobutadiene        | 11.03 | 225 | 312160 | 21.02 | ng/ul  | 92     |
| 32) Caprolactam                | 11.72 | 113 | 31999  | 7.89  | ng/ul# | 72     |
| 33) 4-Chloro-3-methylphenol    | 12.03 | 107 | 333717 | 21.39 | ng/ul  | 98     |
| 34) 2-Methylnaphthalene        | 12.38 | 142 | 756299 | 20.95 | ng/ul  | 95     |

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Quant Title : SVOA CALIBRATION  
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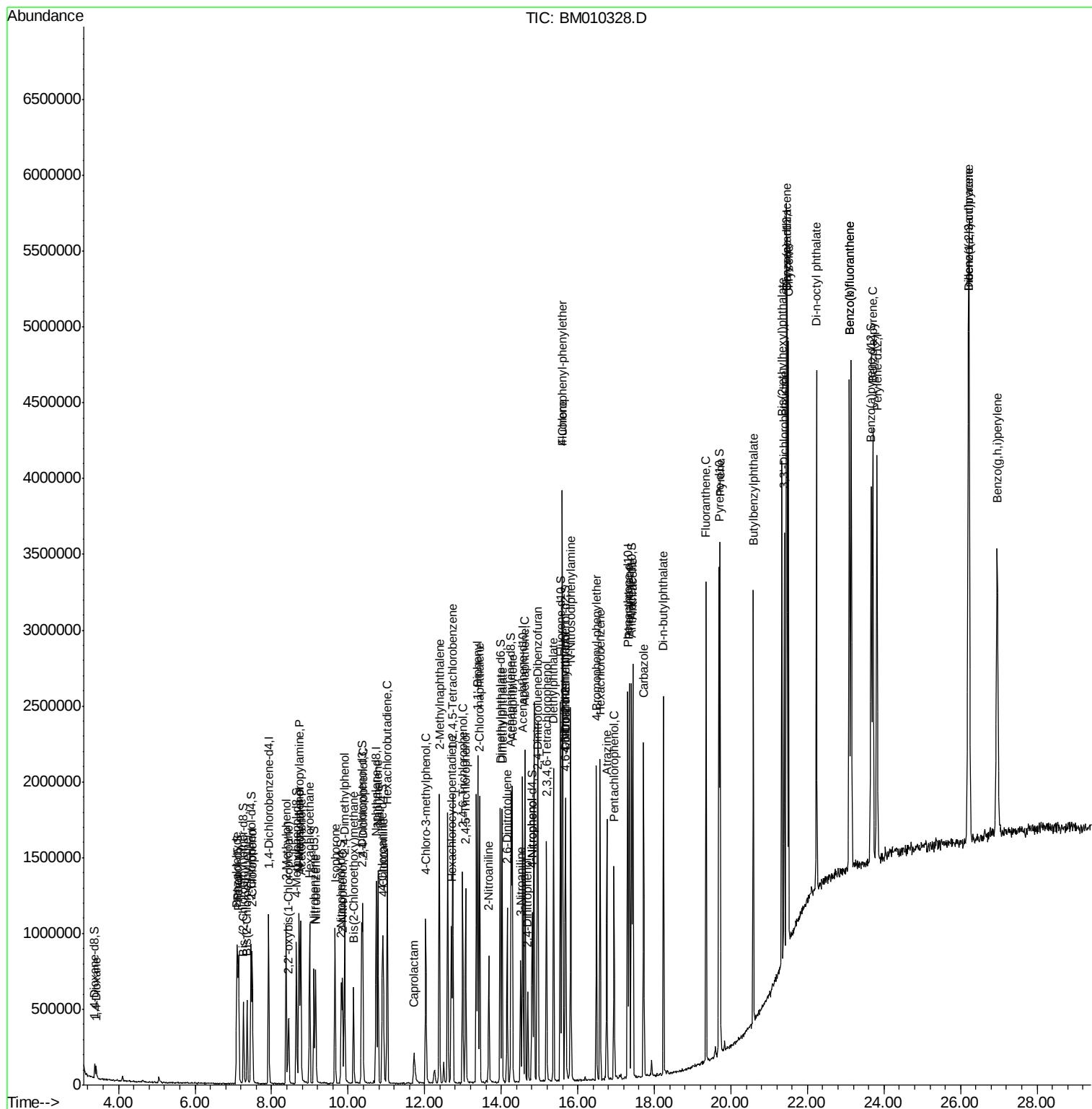
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.73 | 216  | 525159   | 21.28 | ng/ul  | 98       |
| 37) Hexachlorocyclopentadiene  | 12.70 | 237  | 267166   | 16.14 | ng/ul# | 98       |
| 38) 2,4,6-Trichlorophenol      | 12.99 | 196  | 297867   | 21.23 | ng/ul  | 96       |
| 39) 2,4,5-Trichlorophenol      | 13.07 | 196  | 309878   | 21.90 | ng/ul  | 97       |
| 40) 1,1'-Biphenyl              | 13.39 | 154  | 1011136  | 21.01 | ng/ul  | 98       |
| 41) 2-Chloronaphthalene        | 13.44 | 162  | 775589   | 20.51 | ng/ul  | 95       |
| 42) 2-Nitroaniline             | 13.67 | 65   | 210780   | 21.88 | ng/ul  | 97       |
| 44) Dimethylphthalate          | 14.02 | 163  | 1002272  | 20.67 | ng/ul  | 99       |
| 45) 2,6-Dinitrotoluene         | 14.16 | 165  | 187741   | 21.13 | ng/ul# | 82       |
| 47) Acenaphthylene             | 14.29 | 152  | 1189619  | 21.17 | ng/ul  | 99       |
| 48) 3-Nitroaniline             | 14.50 | 138  | 159231   | 18.60 | ng/ul  | 93       |
| 49) Acenaphthene               | 14.62 | 153  | 812754   | 20.62 | ng/ul  | 100      |
| 50) 2,4-Dinitrophenol          | 14.69 | 184  | 126544   | 18.84 | ng/ul  | 95       |
| 52) 4-Nitrophenol              | 14.81 | 109  | 195921   | 19.38 | ng/ul  | 89       |
| 53) Dibenzofuran               | 14.96 | 168  | 1206656  | 20.70 | ng/ul  | 95       |
| 54) 2,4-Dinitrotoluene         | 14.94 | 165  | 273092   | 20.93 | ng/ul# | 96       |
| 55) 2,3,4,6-Tetrachlorophenol  | 15.18 | 232  | 285929   | 21.03 | ng/ul  | 93       |
| 56) Diethylphthalate           | 15.37 | 149  | 976308   | 20.82 | ng/ul  | 96       |
| 58) Fluorene                   | 15.60 | 166  | 991406   | 20.74 | ng/ul  | 96       |
| 59) 4-Chlorophenyl-phenylether | 15.59 | 204  | 565691   | 20.70 | ng/ul  | 94       |
| 60) 4-Nitroaniline             | 15.67 | 138  | 160998   | 17.96 | ng/ul  | 96       |
| 63) 4,6-Dinitro-2-methylphenol | 15.69 | 198  | 191995   | 18.33 | ng/ul  | 97       |
| 64) N-Nitrosodiphenylamine     | 15.82 | 169  | 835846   | 20.55 | ng/ul  | 99       |
| 65) 4-Bromophenyl-phenylether  | 16.49 | 248  | 356557   | 20.77 | ng/ul  | 93       |
| 66) Hexachlorobenzene          | 16.59 | 284  | 370071   | 20.58 | ng/ul# | 88       |
| 67) Atrazine                   | 16.76 | 200  | 355551   | 20.11 | ng/ul  | 96       |
| 68) Pentachlorophenol          | 16.94 | 266  | 209747   | 18.33 | ng/ul  | 96       |
| 69) Phenanthrene               | 17.34 | 178  | 1513980  | 20.33 | ng/ul  | 98       |
| 71) Anthracene                 | 17.44 | 178  | 1601502  | 20.59 | ng/ul  | 99       |
| 72) Carbazole                  | 17.72 | 167  | 1290366  | 19.60 | ng/ul  | 98       |
| 73) Di-n-butylphthalate        | 18.24 | 149  | 1520455  | 20.46 | ng/ul  | 99       |
| 74) Fluoranthene               | 19.35 | 202  | 1909175  | 20.84 | ng/ul  | 99       |
| 77) Pyrene                     | 19.72 | 202  | 2015840  | 21.04 | ng/ul  | 99       |
| 78) Butylbenzylphthalate       | 20.59 | 149  | 722994   | 21.84 | ng/ul  | 98       |
| 79) 3,3'-Dichlorobenzidine     | 21.39 | 252  | 723320   | 19.82 | ng/ul  | 96       |
| 80) Benzo(a)anthracene         | 21.45 | 228  | 2171039  | 20.71 | ng/ul  | 99       |
| 81) Bis(2-ethylhexyl)phthalate | 21.33 | 149  | 1062797  | 21.57 | ng/ul  | 97       |
| 82) Chrysene                   | 21.50 | 228  | 1972474  | 20.81 | ng/ul  | 99       |
| 84) Di-n-octyl phthalate       | 22.23 | 149  | 1983215  | 21.73 | ng/ul# | 93       |
| 85) Benzo(b)fluoranthene       | 23.10 | 252  | 2397690  | 20.78 | ng/ul  | 98       |
| 86) Benzo(k)fluoranthene       | 23.10 | 252  | 2397690  | 21.75 | ng/ul  | 100      |
| 88) Benzo(a)pyrene             | 23.71 | 252  | 2307810  | 20.17 | ng/ul  | 100      |
| 89) Indeno(1,2,3-cd)pyrene     | 26.21 | 276  | 2956222  | 20.45 | ng/ul  | 99       |
| 90) Dibenzo(a,h)anthracene     | 26.22 | 278  | 2554072  | 20.52 | ng/ul  | 98       |
| 91) Benzo(g,h,i)perylene       | 26.96 | 276  | 2440458  | 20.50 | ng/ul# | 96       |

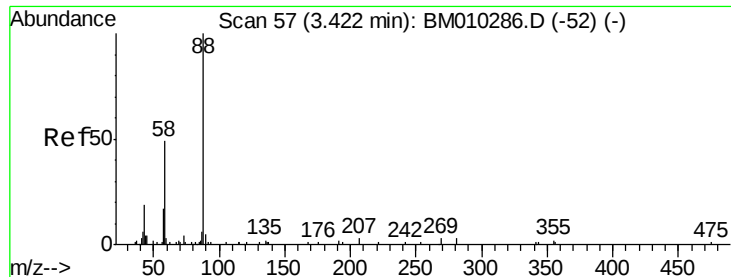
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 2 Sample Multiplier: 1

SSTD02009

Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 7.49 ng/uL

RT: 3.42 min Scan# 56

Delta R.T. -0.01 min

Lab File: BM010328.D

Acq: 31 May 2017 12:56

Instrument :

BNA\_M

ClientSampleId :

SSTD02009

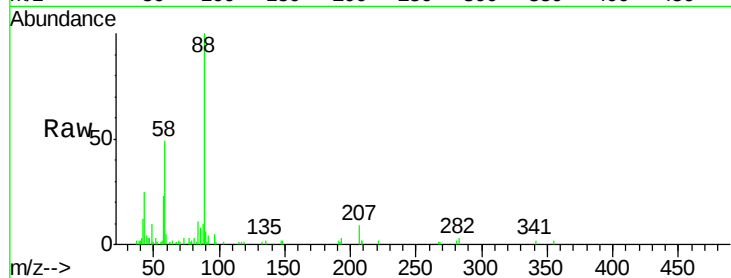
Tgt Ion: 88 Resp: 50764

Ion Ratio Lower Upper

88 100

43 23.2 1.1 1.7#

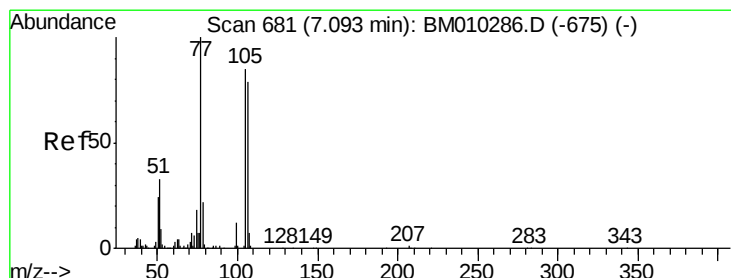
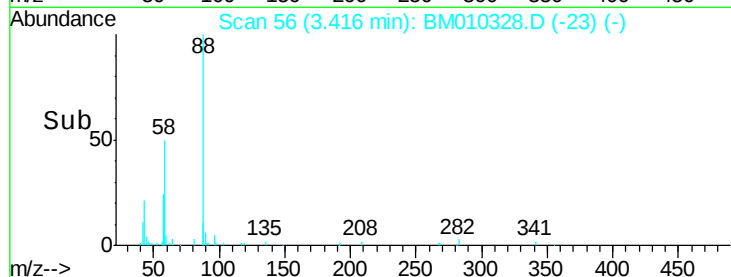
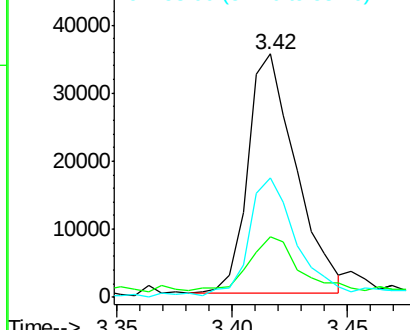
58 48.4 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BM010328.D (-23) (-)

Ion 43.00 (42.70 to 43.70): BM010328.D (-23) (-)

Ion 58.00 (57.70 to 58.70): BM010328.D (-23) (-)



#4

Benzaldehyde

Concen: 21.93 ng/uL

RT: 7.09 min Scan# 680

Delta R.T. -0.01 min

Lab File: BM010328.D

Acq: 31 May 2017 12:56

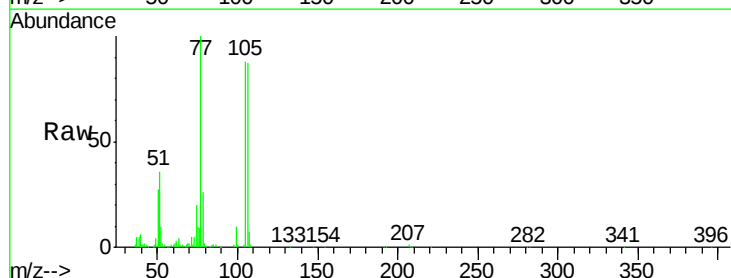
Tgt Ion: 77 Resp: 291415

Ion Ratio Lower Upper

77 100

105 88.0 66.1 99.1

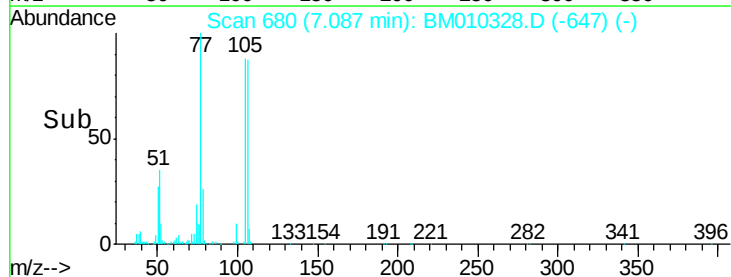
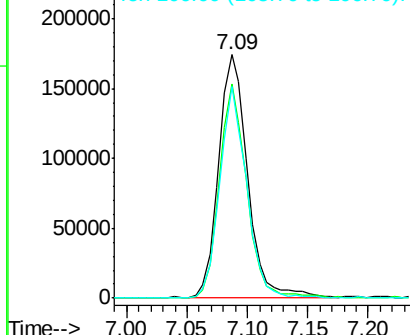
106 86.9 67.8 101.6

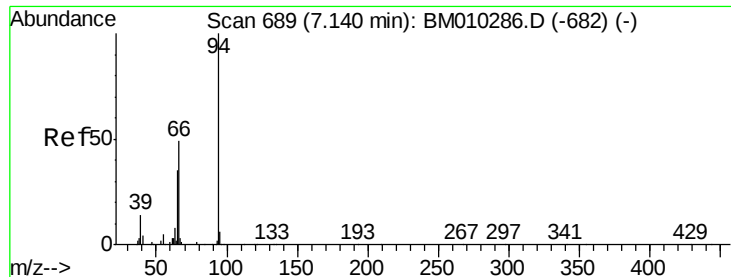


Abundance Ion 77.00 (76.70 to 77.70): BM010328.D (-647) (-)

Ion 105.00 (104.70 to 105.70): BM010328.D (-647) (-)

Ion 106.00 (105.70 to 106.70): BM010328.D (-647) (-)





#6

Phenol

Concen: 19.35 ng/ul

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BM010328.D

Acq: 31 May 2017 12:56

Instrument :

BNA\_M

ClientSampleId :

SSTD02009

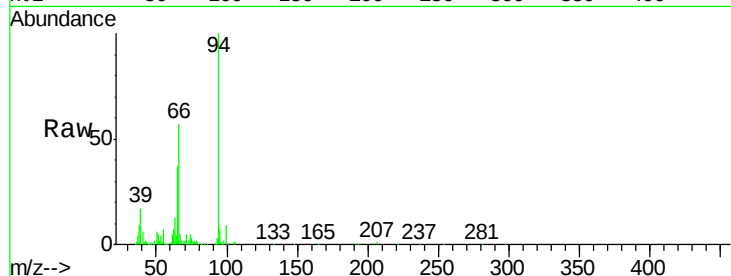
Tgt Ion: 94 Resp: 392002

Ion Ratio Lower Upper

94 100

65 37.2 28.2 42.4

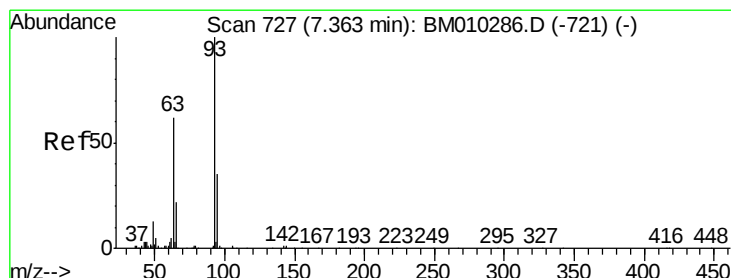
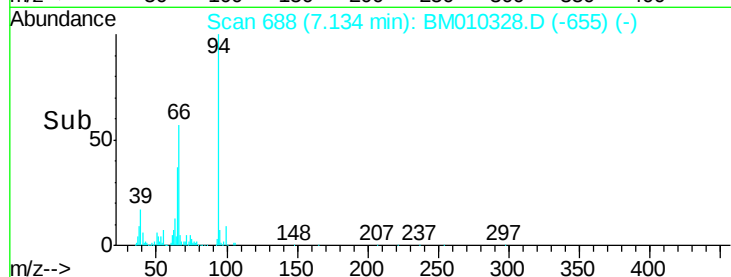
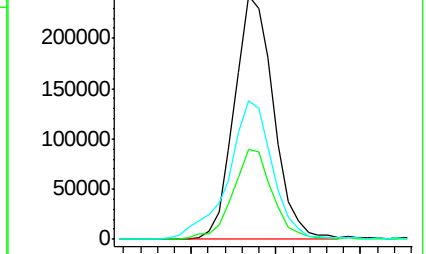
66 57.0 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM010328.D (-682) (-)

Ion 65.00 (64.70 to 65.70): BM010328.D (-682) (-)

Ion 66.00 (65.70 to 66.70): BM010328.D (-682) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 19.85 ng/ul

RT: 7.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BM010328.D

Acq: 31 May 2017 12:56

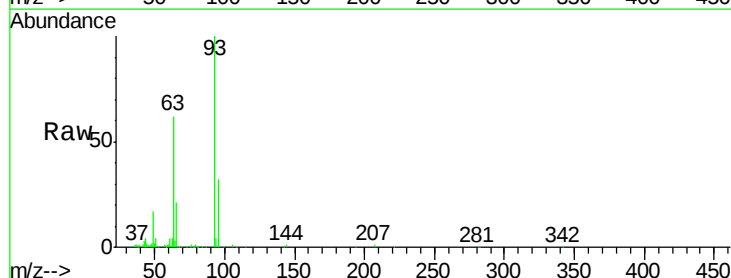
Tgt Ion: 93 Resp: 279109

Ion Ratio Lower Upper

93 100

63 61.5 57.3 85.9

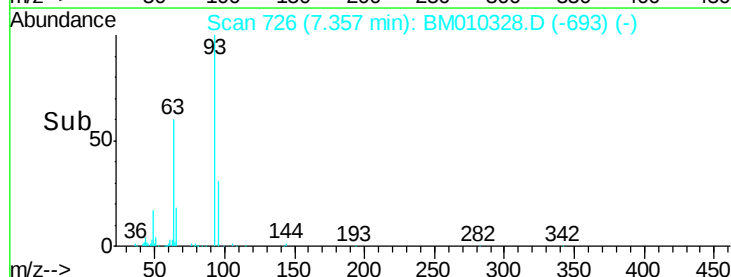
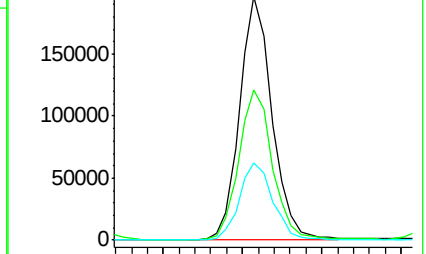
95 31.8 26.6 39.8

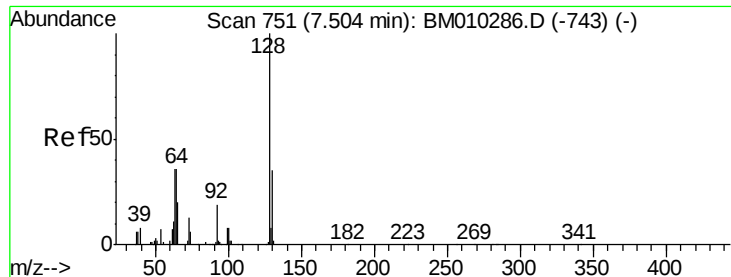


Abundance Ion 93.00 (92.70 to 93.70): BM010328.D (-721) (-)

Ion 63.00 (62.70 to 63.70): BM010328.D (-721) (-)

Ion 95.00 (94.70 to 95.70): BM010328.D (-721) (-)

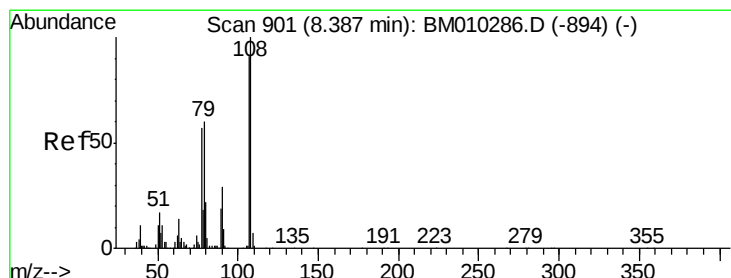
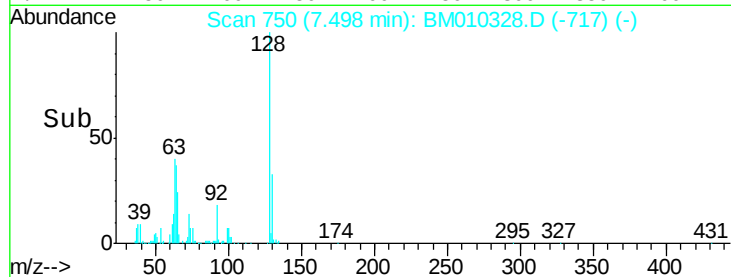
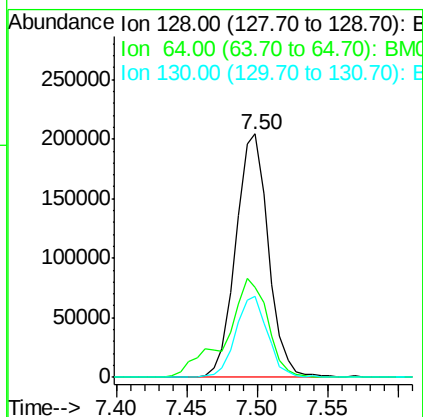
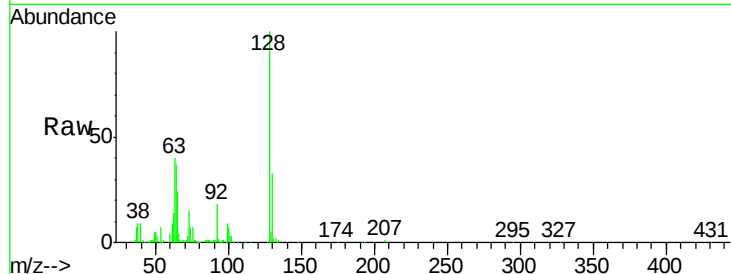




#10  
 2-Chlorophenol  
 Concen: 20.87 ng/ul  
 RT: 7.50 min Scan# 750  
 Delta R.T. -0.01 min  
 Lab File: BM010328.D  
 Acq: 31 May 2017 12:56

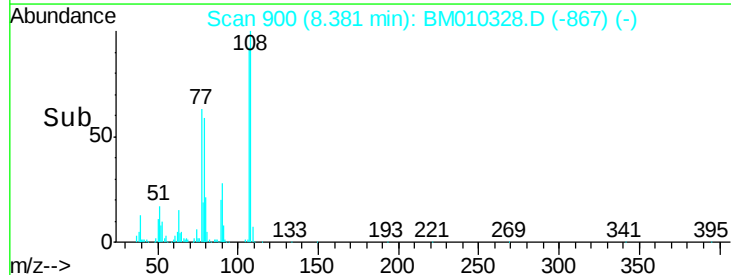
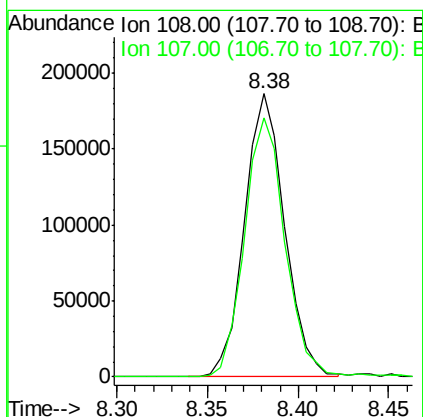
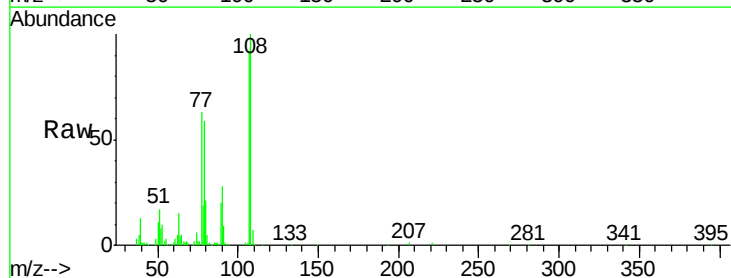
Instrument :  
 BNA\_M  
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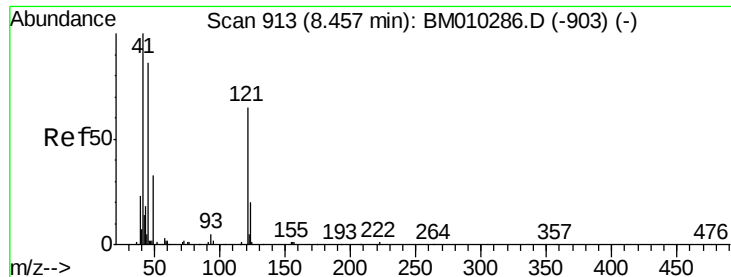
Tgt Ion:128 Resp: 329855  
 Ion Ratio Lower Upper  
 128 100  
 64 37.2 38.0 57.0#  
 130 33.3 24.4 36.6



#11  
 2-Methylphenol  
 Concen: 19.43 ng/ul  
 RT: 8.38 min Scan# 900  
 Delta R.T. -0.01 min  
 Lab File: BM010328.D  
 Acq: 31 May 2017 12:56

Tgt Ion:108 Resp: 287331  
 Ion Ratio Lower Upper  
 108 100  
 107 91.6 72.6 108.8

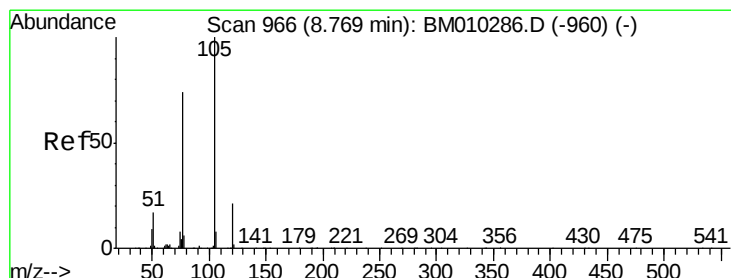
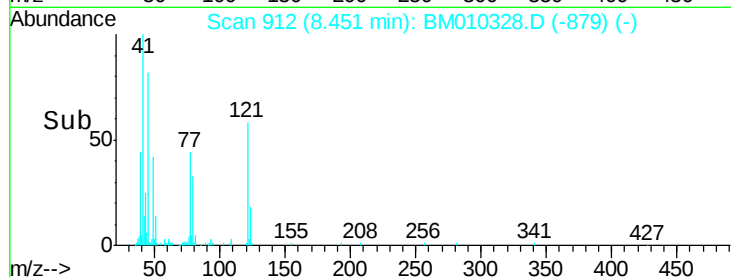
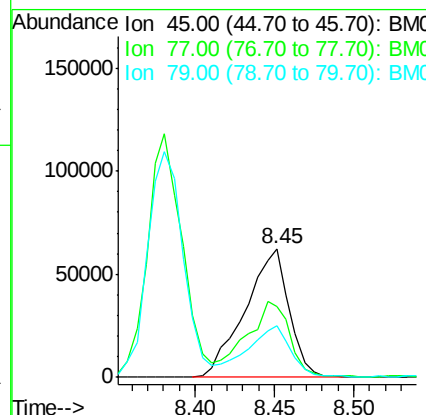
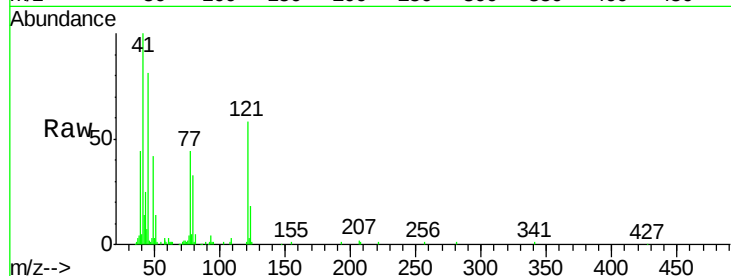




#12  
 2,2'-oxybis(1-Chloropropane)  
 Concen: 18.94 ng/ul  
 RT: 8.45 min Scan# 912  
 Delta R.T. -0.01 min  
 Lab File: BM010328.D  
 Acq: 31 May 2017 12:56

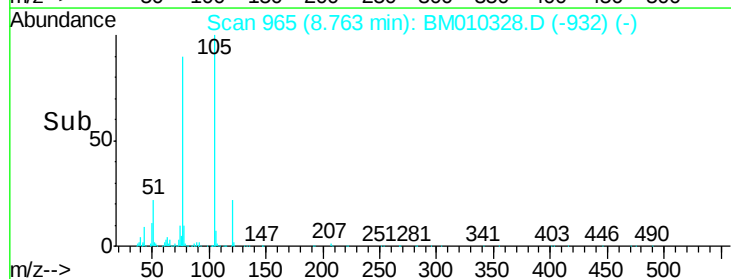
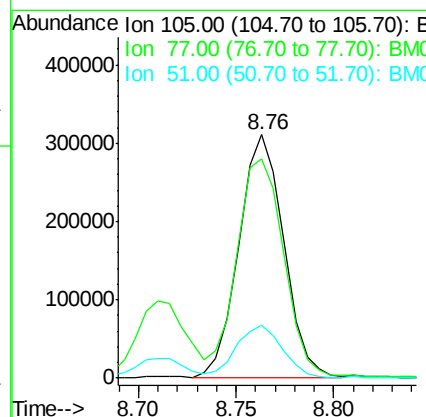
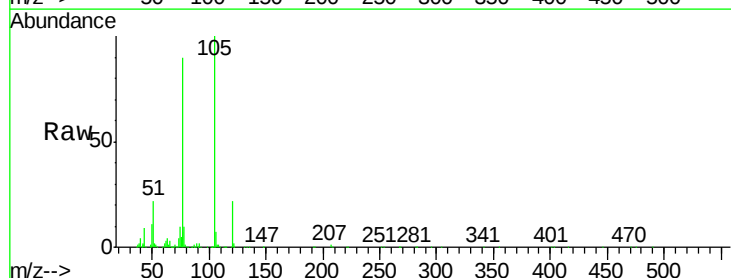
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02009

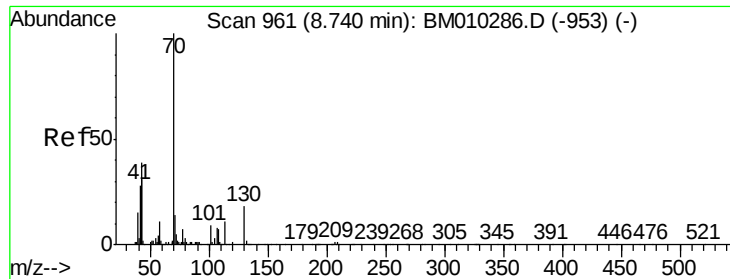
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 Ion Ratio Lower Upper  
 45 100  
 77 54.6 21.8 32.6#  
 79 40.0 17.6 26.4#



#14  
 Acetophenone  
 Concen: 18.94 ng/ul  
 RT: 8.76 min Scan# 965  
 Delta R.T. -0.01 min  
 Lab File: BM010328.D  
 Acq: 31 May 2017 12:56

Tgt Ion: 105 Resp: 492802  
 Ion Ratio Lower Upper  
 105 100  
 77 90.0 74.2 111.4  
 51 21.6 23.4 35.2#

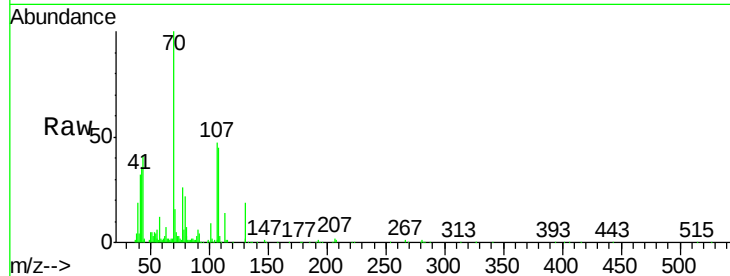




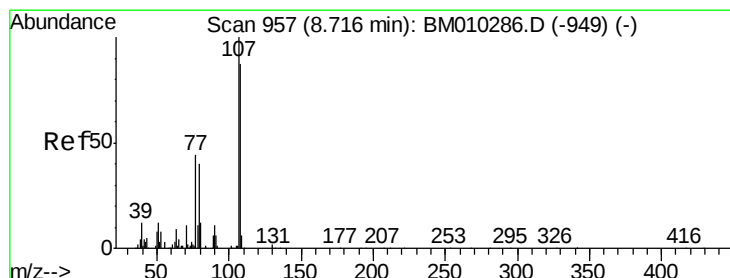
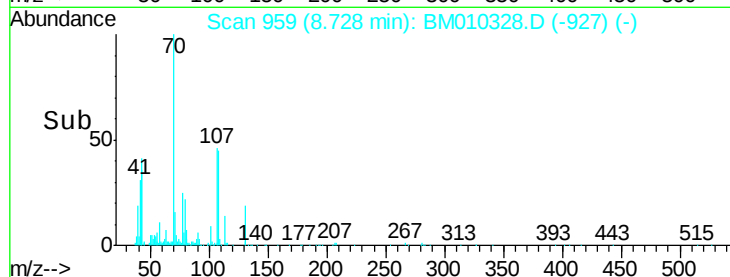
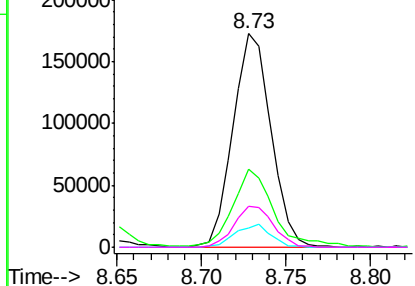
#15  
N-Nitroso-di-n-propylamine  
Concen: 20.84 ng/ul  
RT: 8.73 min Scan# 959  
Delta R.T. -0.01 min  
Lab File: BM010328.D  
Acq: 31 May 2017 12:56

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02009

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 271077 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 36.4  | 41.1  | 61.7#  |
| 101      | 8.7   | 6.7   | 10.1   |
| 130      | 19.4  | 14.6  | 22.0   |

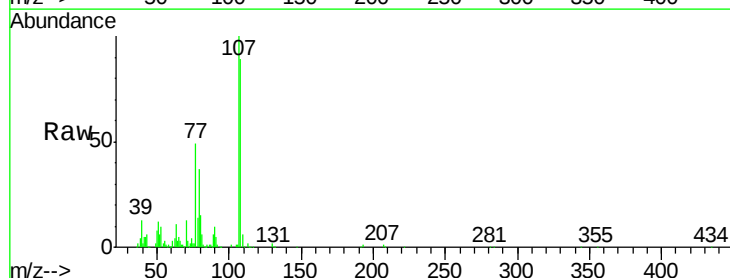


Abundance Ion 70.00 (69.70 to 70.70): BM010328.D (-927) (-)  
Ion 42.00 (41.70 to 42.70): BM010328.D (-927) (-)  
Ion 101.00 (100.70 to 101.70): BM010328.D (-927) (-)  
Ion 130.00 (129.70 to 130.70): BM010328.D (-927) (-)

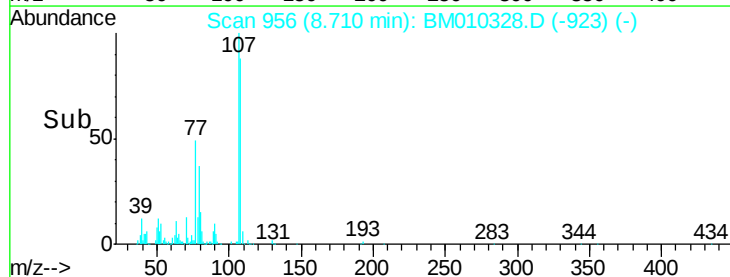
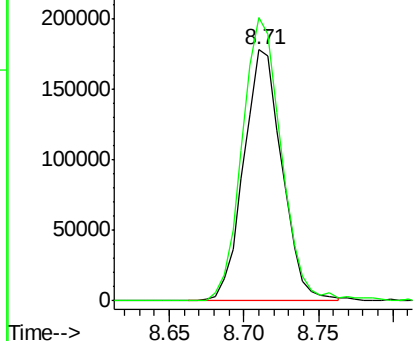


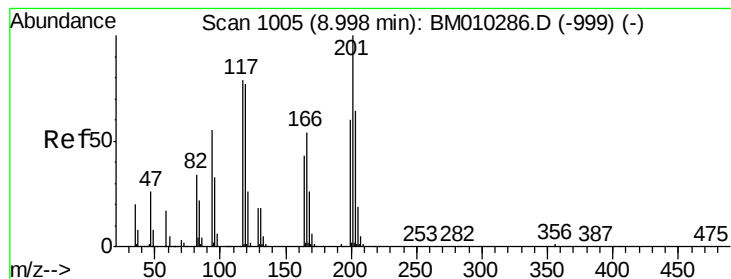
#16  
4-Methylphenol  
Concen: 19.43 ng/ul  
RT: 8.71 min Scan# 956  
Delta R.T. -0.01 min  
Lab File: BM010328.D  
Acq: 31 May 2017 12:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 108   | Resp: | 315128 |
| Ion      | Ratio | Lower | Upper  |
| 108      | 100   |       |        |
| 107      | 112.8 | 84.9  | 127.3  |



Abundance Ion 108.00 (107.70 to 108.70): BM010328.D (-923) (-)  
Ion 107.00 (106.70 to 107.70): BM010328.D (-923) (-)





#17

Hexachloroethane

Concen: 20.45 ng/ul

RT: 8.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BM010328.D

Acq: 31 May 2017 12:56

Instrument :

BNA\_M

ClientSampleId :

SSTD02009

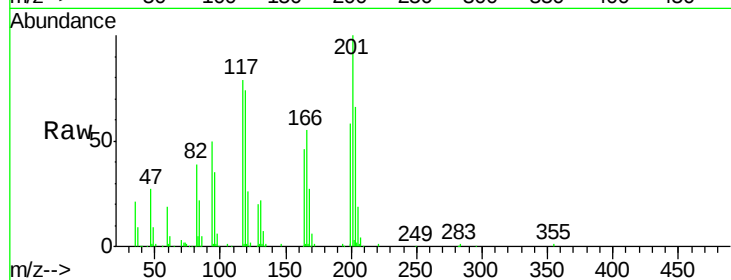
Tgt Ion: 117 Resp: 146819

Ion Ratio Lower Upper

117 100

201 126.5 111.6 167.4

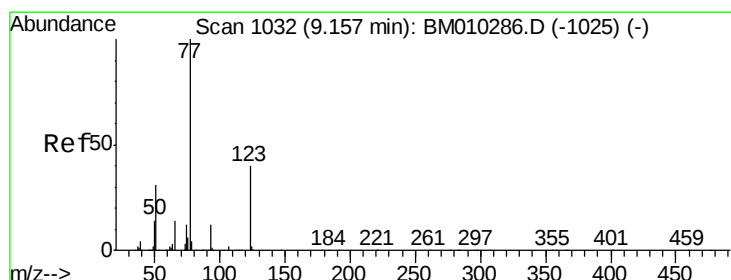
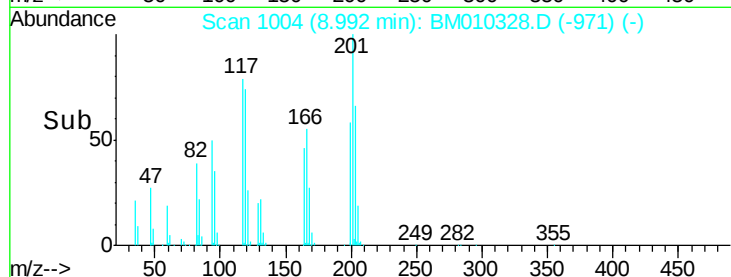
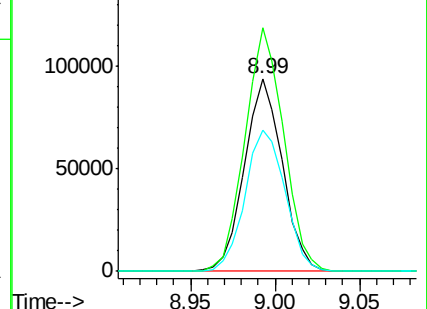
199 73.2 67.8 101.6



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: 20.70 ng/ul

RT: 9.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BM010328.D

Acq: 31 May 2017 12:56

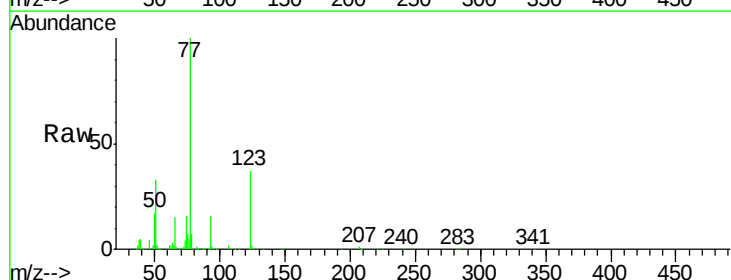
Tgt Ion: 77 Resp: 410924

Ion Ratio Lower Upper

77 100

123 36.5 31.0 46.6

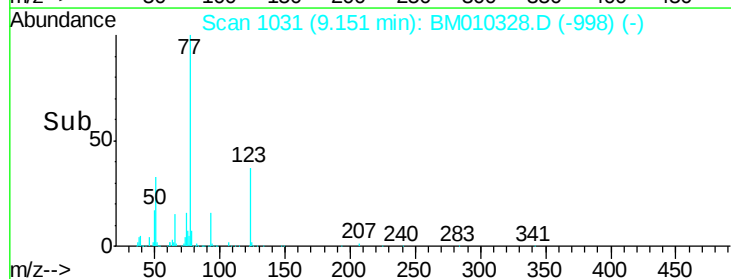
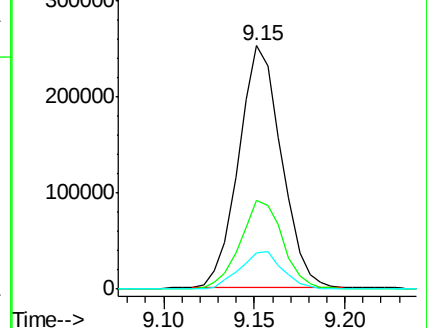
65 14.8 12.2 18.2

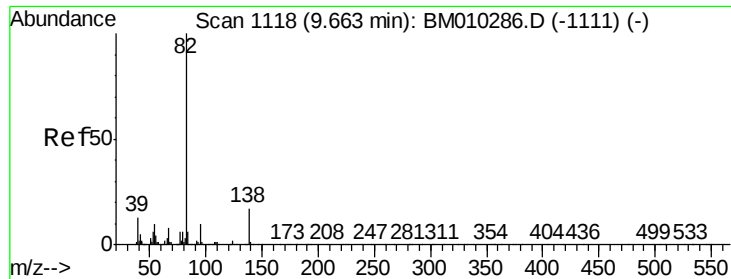


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 21.22 ng/ul

RT: 9.66 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BM010328.D

Acq: 31 May 2017 12:56

Instrument :

BNA\_M

ClientSampleId :

SSTD02009

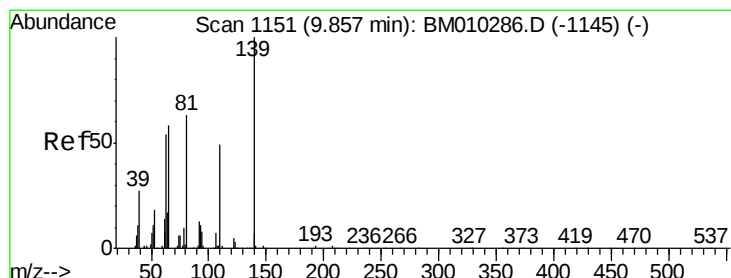
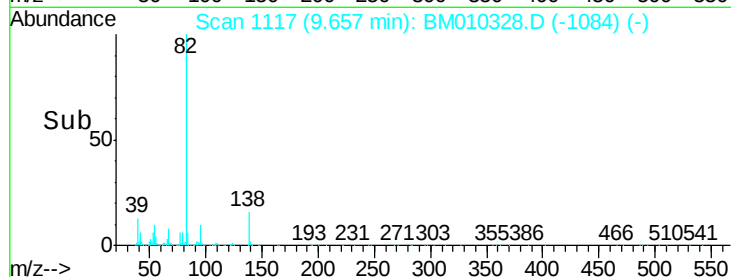
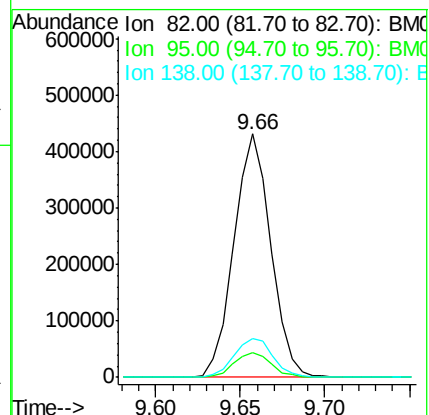
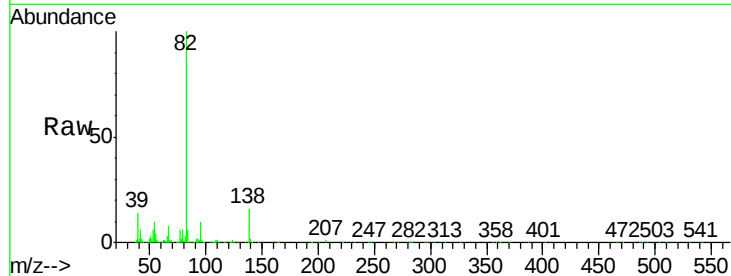
Tgt Ion: 82 Resp: 648425

Ion Ratio Lower Upper

82 100

95 10.3 7.8 11.8

138 16.0 11.9 17.9



#23

2-Nitrophenol

Concen: 20.70 ng/ul

RT: 9.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BM010328.D

Acq: 31 May 2017 12:56

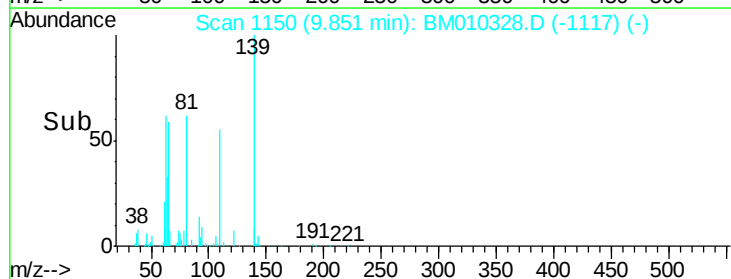
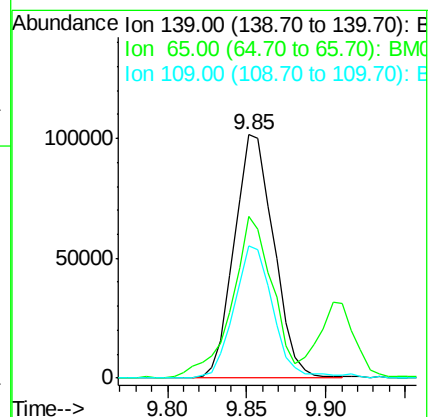
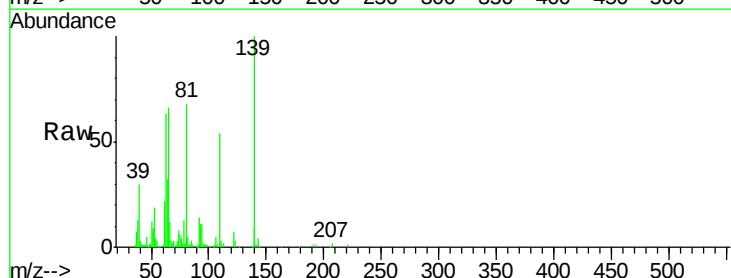
Tgt Ion: 139 Resp: 176769

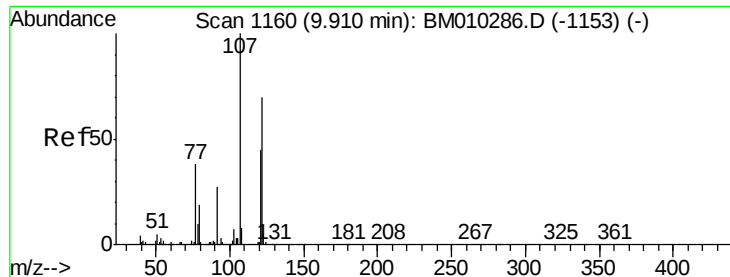
Ion Ratio Lower Upper

139 100

65 66.2 55.4 83.0

109 54.1 42.2 63.2

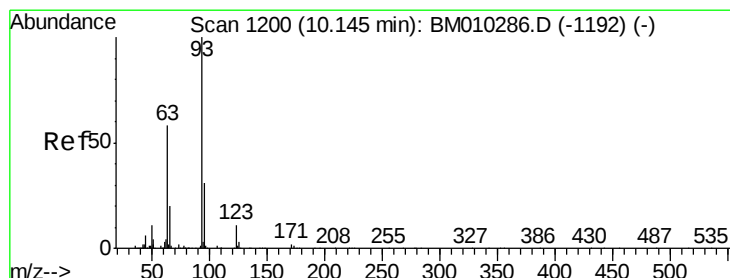
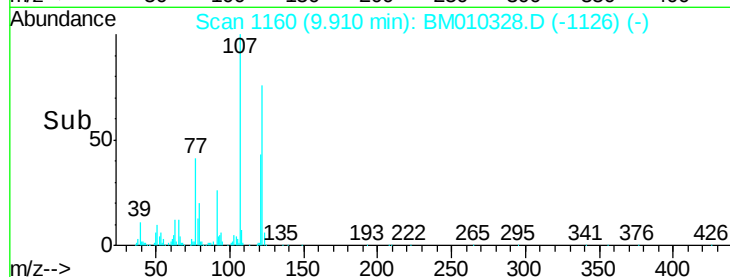
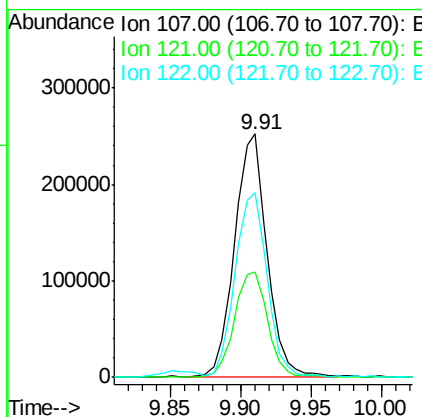
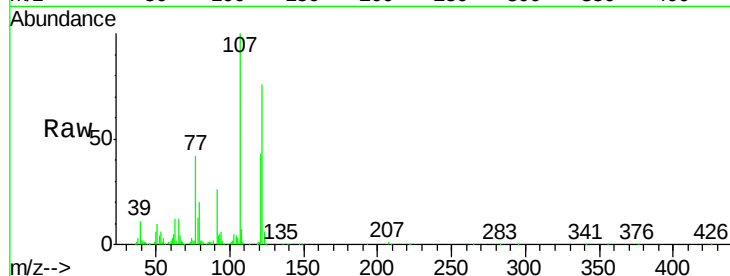




#24  
 2,4-Dimethylphenol  
 Concen: 20.22 ng/ul  
 RT: 9.91 min Scan# 1160  
 Delta R.T. 0.00 min  
 Lab File: BM010328.D  
 Acq: 31 May 2017 12:56

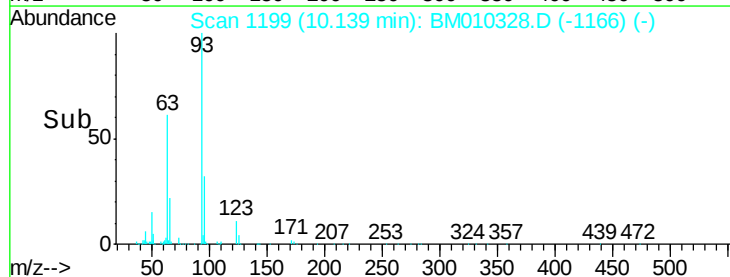
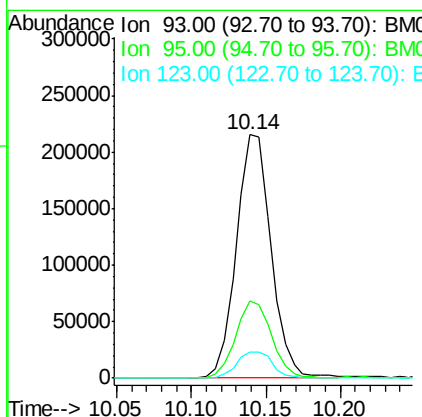
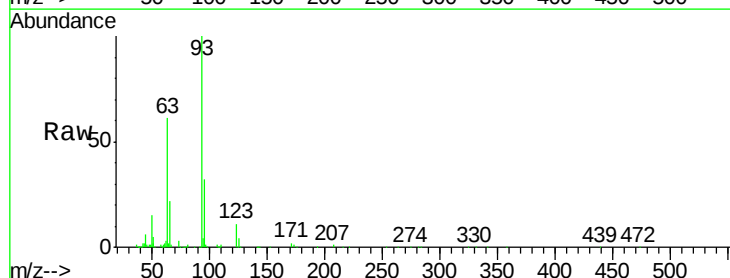
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02009

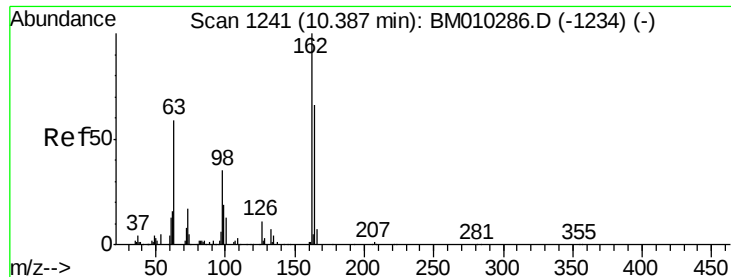
Tgt Ion: 107 Resp: 401403  
 Ion Ratio Lower Upper  
 107 100  
 121 43.3 31.9 47.9  
 122 76.1 57.8 86.6



#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 20.26 ng/ul  
 RT: 10.14 min Scan# 1199  
 Delta R.T. -0.01 min  
 Lab File: BM010328.D  
 Acq: 31 May 2017 12:56

Tgt Ion: 93 Resp: 347850  
 Ion Ratio Lower Upper  
 93 100  
 95 31.6 28.5 42.7  
 123 10.9 8.9 13.3

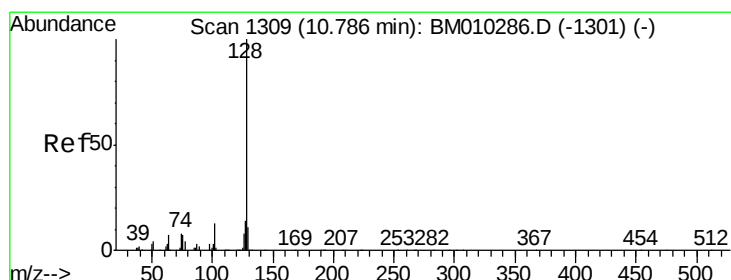
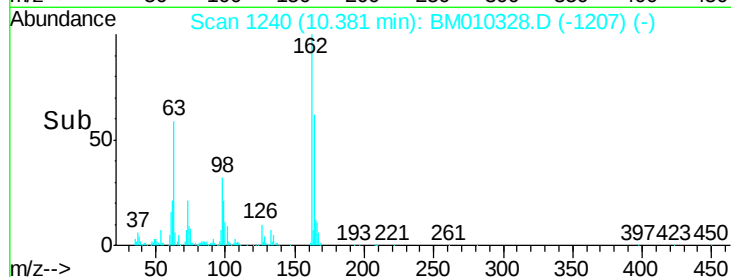
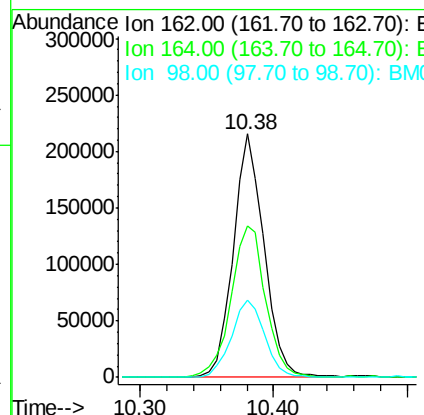
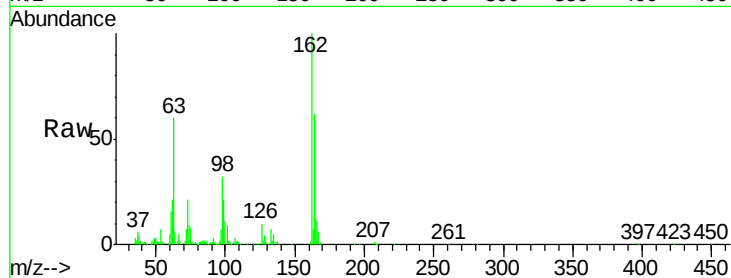




#27  
2,4-Dichlorophenol  
Concen: 21.42 ng/ul  
RT: 10.38 min Scan# 1240  
Delta R.T. -0.01 min  
Lab File: BM010328.D  
Acq: 31 May 2017 12:56

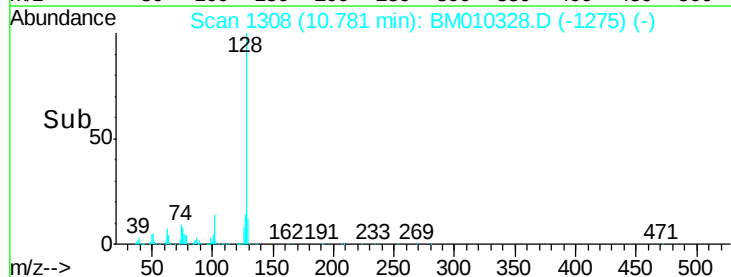
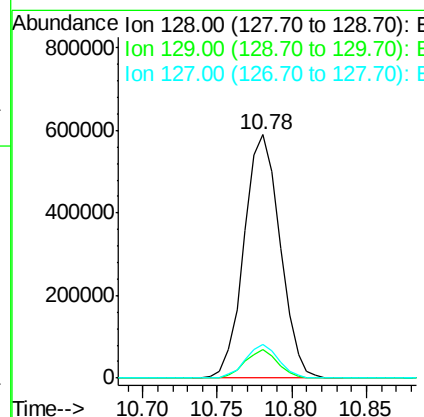
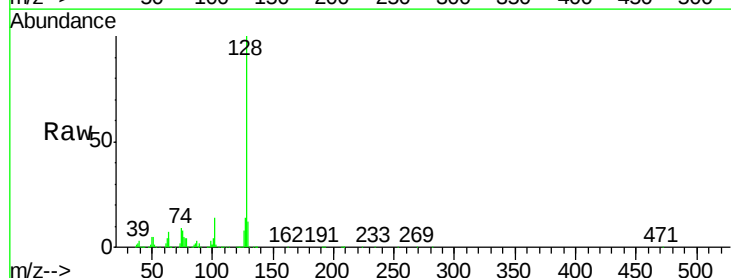
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02009

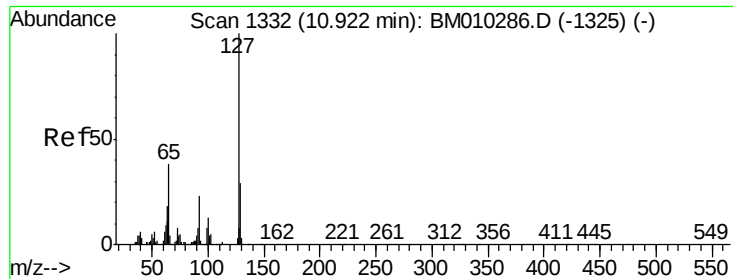
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 162   | Resp: | 347282 |
| Ion      | Ratio | Lower | Upper  |
| 162      | 100   |       |        |
| 164      | 62.4  | 47.8  | 71.6   |
| 98       | 32.0  | 23.0  | 34.4   |



#28  
Naphthalene  
Concen: 20.69 ng/ul  
RT: 10.78 min Scan# 1308  
Delta R.T. -0.01 min  
Lab File: BM010328.D  
Acq: 31 May 2017 12:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 984947 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 129      | 11.6  | 8.8   | 13.2   |
| 127      | 13.9  | 10.6  | 16.0   |

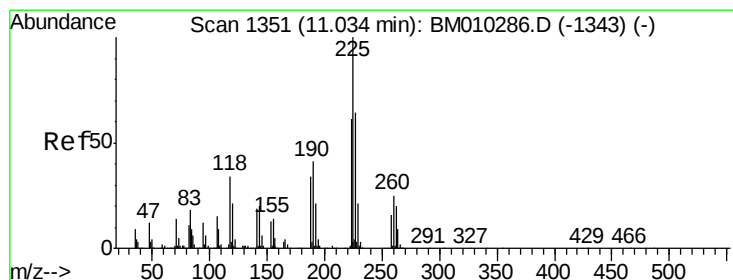
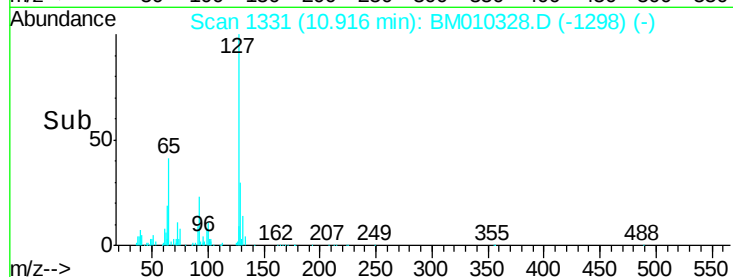
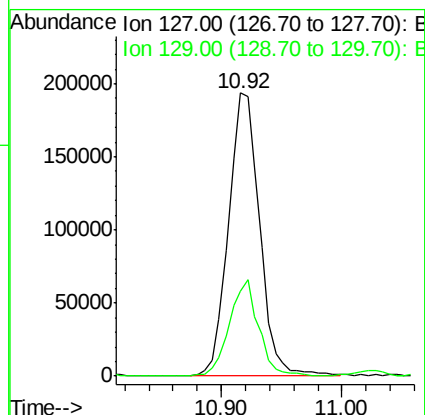
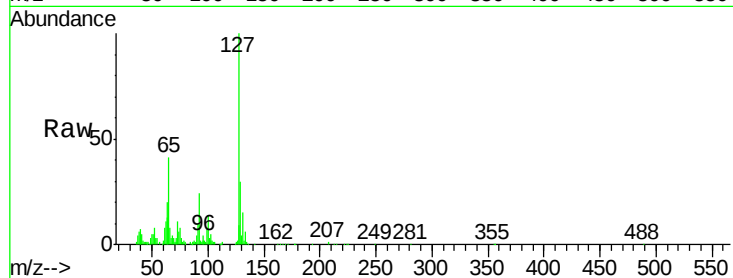




#30  
4-Chloroaniline  
Concen: 22.59 ng/ul  
RT: 10.92 min Scan# 1331  
Delta R.T. -0.01 min  
Lab File: BM010328.D  
Acq: 31 May 2017 12:56

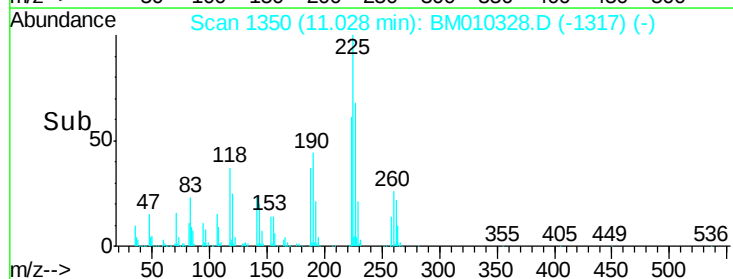
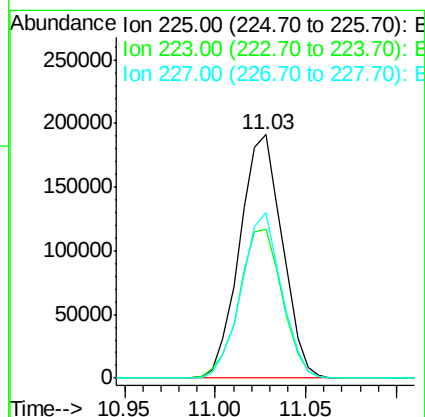
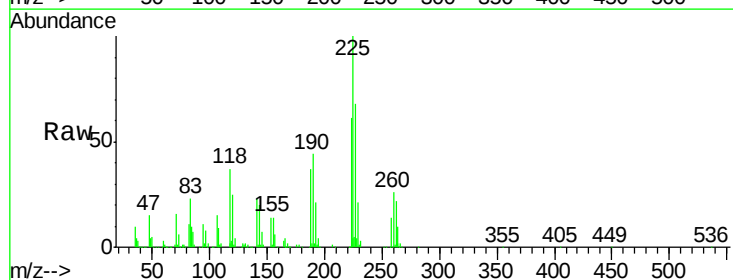
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02009

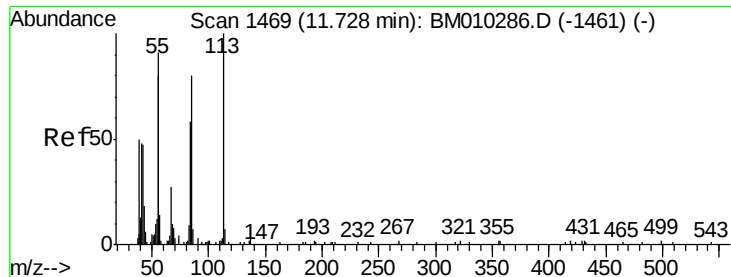
Tgt Ion:127 Resp: 347944  
Ion Ratio Lower Upper  
127 100  
129 30.2 28.4 42.6



#31  
Hexachlorobutadiene  
Concen: 21.02 ng/ul  
RT: 11.03 min Scan# 1350  
Delta R.T. -0.01 min  
Lab File: BM010328.D  
Acq: 31 May 2017 12:56

Tgt Ion:225 Resp: 312160  
Ion Ratio Lower Upper  
225 100  
223 61.0 49.4 74.2  
227 67.8 45.4 68.2





#32

Caprolactam

Concen: 7.89 ng/ul

RT: 11.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BM010328.D

Acq: 31 May 2017 12:56

Instrument :

BNA\_M

ClientSampleId :

SSTD02009

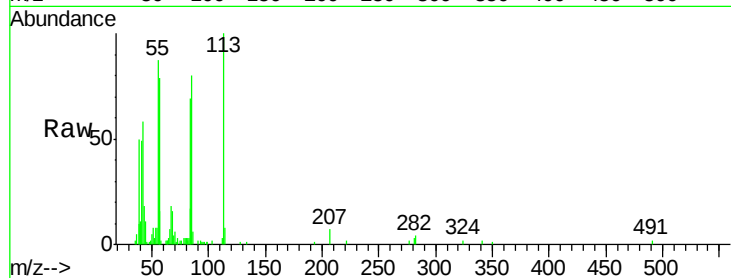
Tgt Ion:113 Resp: 31999

Ion Ratio Lower Upper

113 100

55 87.0 94.8 142.2#

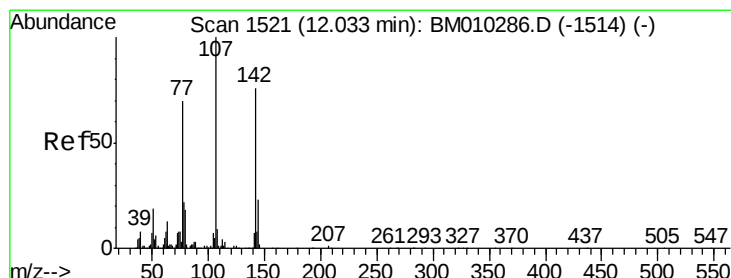
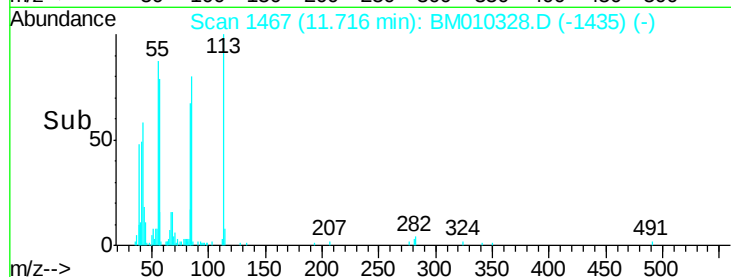
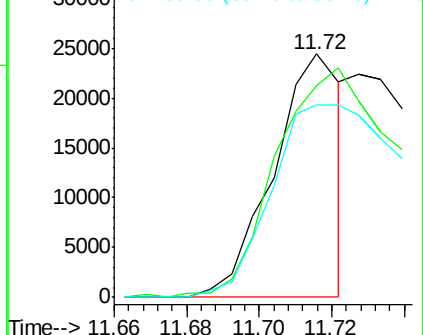
56 79.0 86.0 129.0#



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: 21.39 ng/ul

RT: 12.03 min Scan# 1520

Delta R.T. -0.01 min

Lab File: BM010328.D

Acq: 31 May 2017 12:56

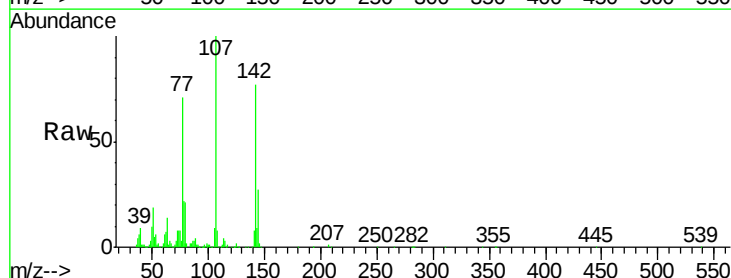
Tgt Ion:107 Resp: 333717

Ion Ratio Lower Upper

107 100

144 26.7 20.4 30.6

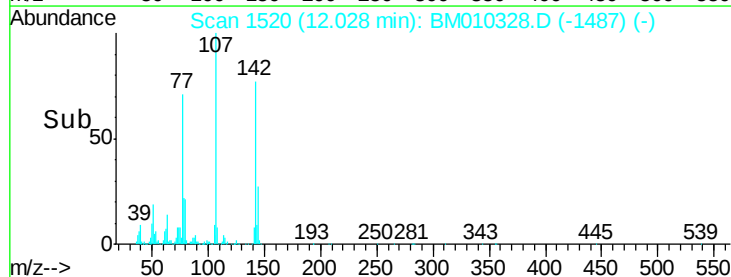
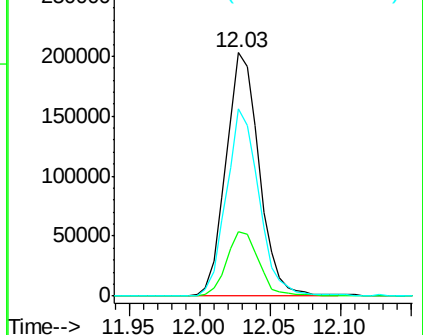
142 76.8 60.5 90.7

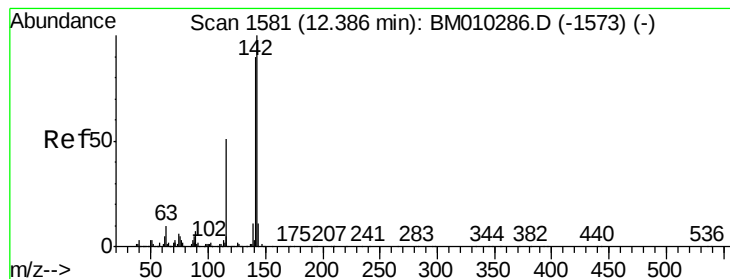


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 20.95 ng/ul

RT: 12.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BM010328.D

Acq: 31 May 2017 12:56

Instrument :

BNA\_M

ClientSampleId :

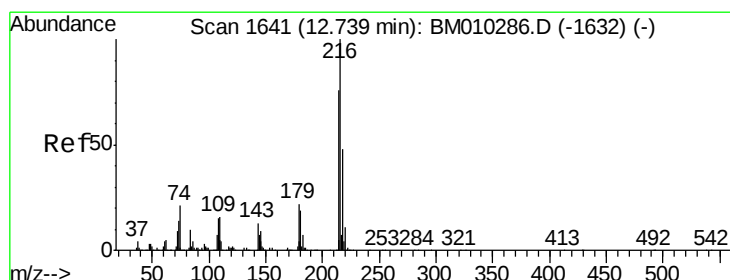
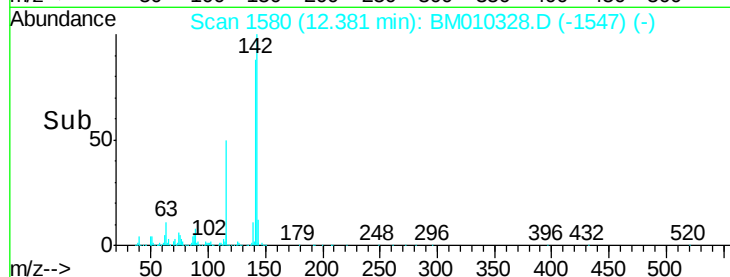
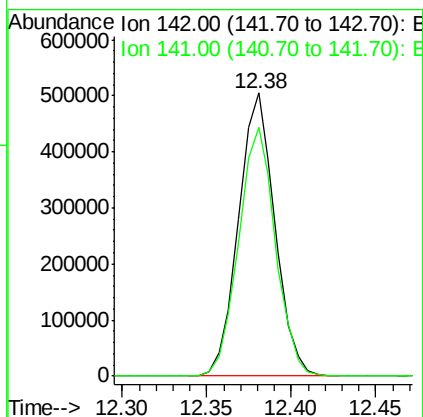
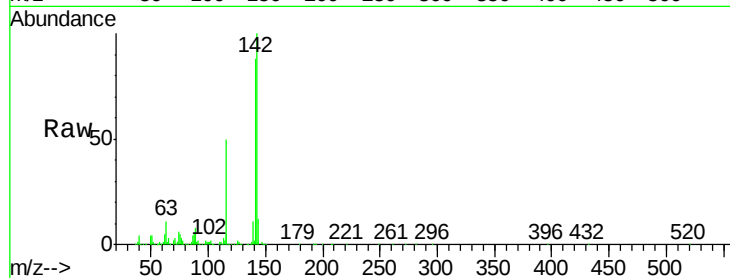
SSTD02009

Tgt Ion:142 Resp: 756299

Ion Ratio Lower Upper

142 100

141 87.8 74.1 111.1



#36

1,2,4,5-Tetrachlorobenzene

Concen: 21.28 ng/ul

RT: 12.73 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BM010328.D

Acq: 31 May 2017 12:56

Tgt Ion:216 Resp: 525159

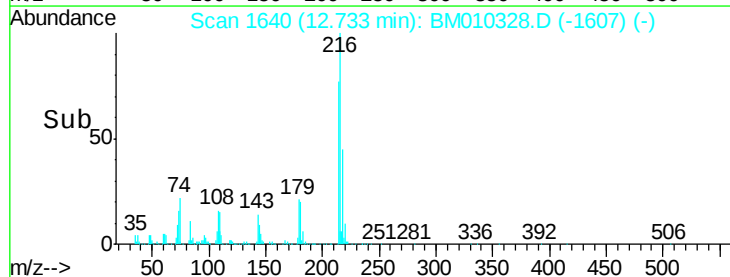
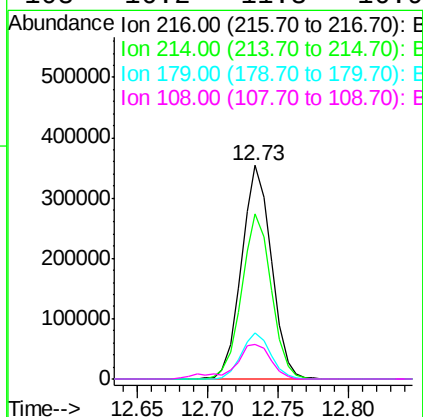
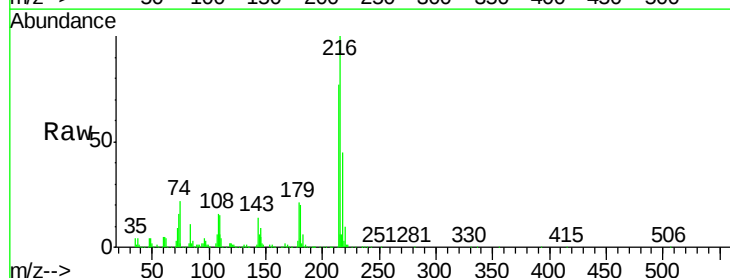
Ion Ratio Lower Upper

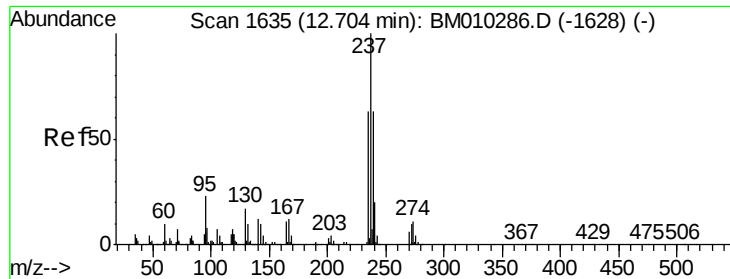
216 100

214 77.4 60.6 90.8

179 21.5 17.5 26.3

108 16.2 11.3 16.9

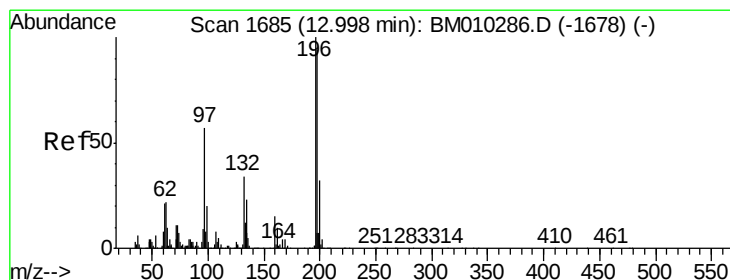
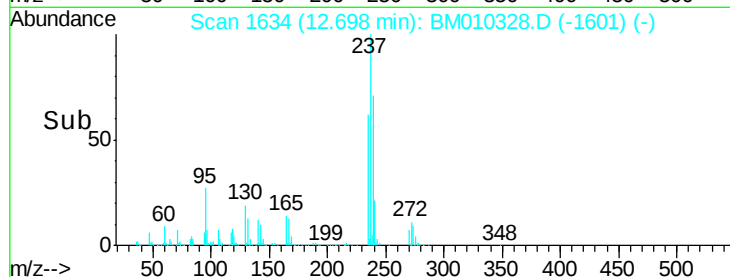
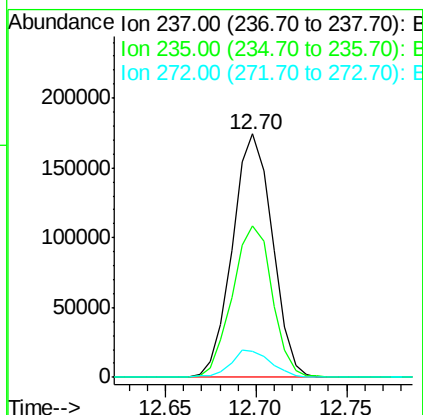
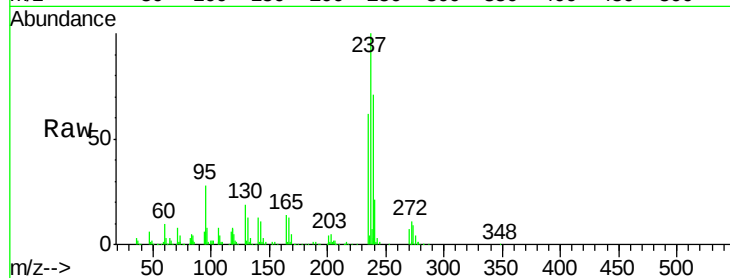




#37  
Hexachlorocyclopentadiene  
Concen: 16.14 ng/ul  
RT: 12.70 min Scan# 1634  
Delta R.T. -0.01 min  
Lab File: BM010328.D  
Acq: 31 May 2017 12:56

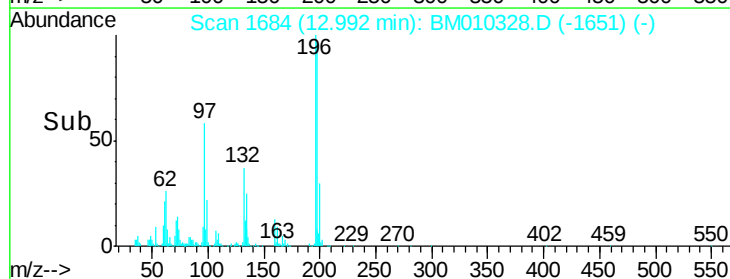
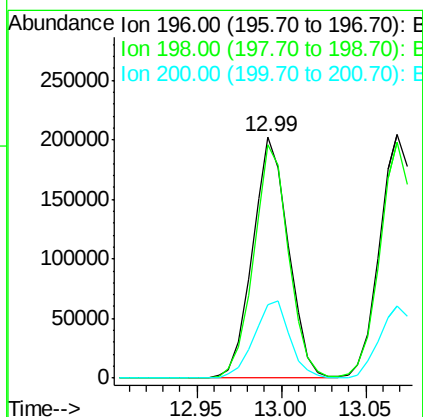
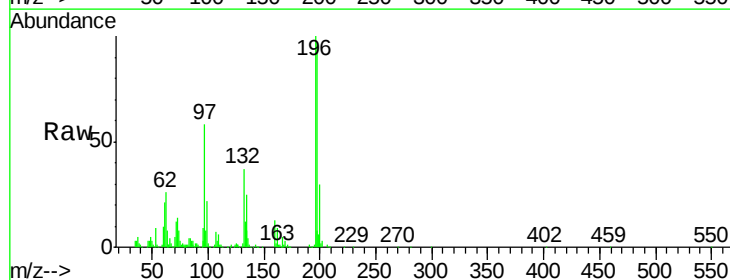
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02009

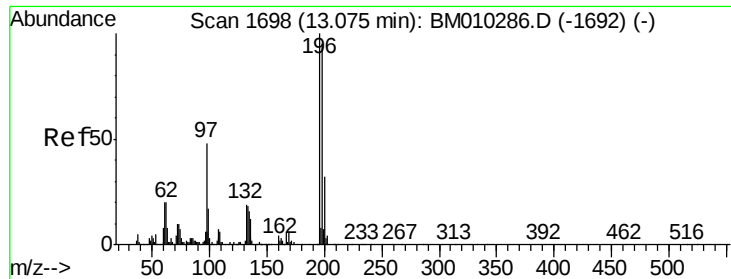
Tgt Ion:237 Resp: 267166  
Ion Ratio Lower Upper  
237 100  
235 62.0 50.2 75.4  
272 10.7 11.0 16.6#



#38  
2,4,6-Trichlorophenol  
Concen: 21.23 ng/ul  
RT: 12.99 min Scan# 1684  
Delta R.T. -0.01 min  
Lab File: BM010328.D  
Acq: 31 May 2017 12:56

Tgt Ion:196 Resp: 297867  
Ion Ratio Lower Upper  
196 100  
198 96.8 74.1 111.1  
200 30.4 25.2 37.8

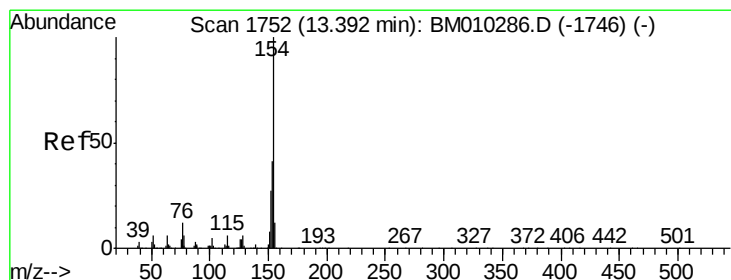
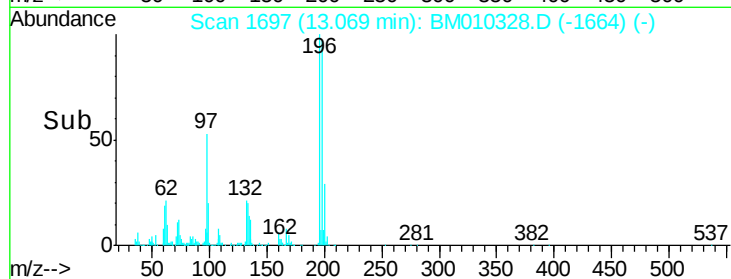
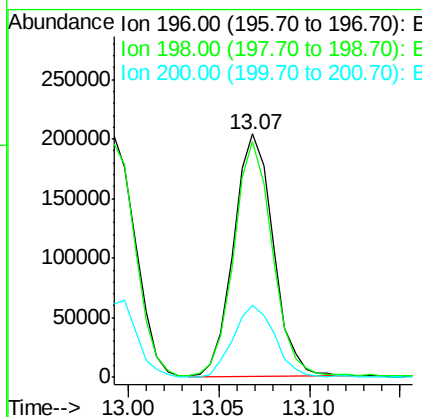
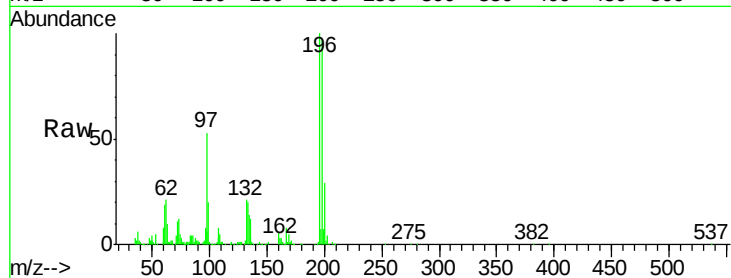




#39  
 2,4,5-Trichlorophenol  
 Concen: 21.90 ng/ul  
 RT: 13.07 min Scan# 1697  
 Delta R.T. -0.01 min  
 Lab File: BM010328.D  
 Acq: 31 May 2017 12:56

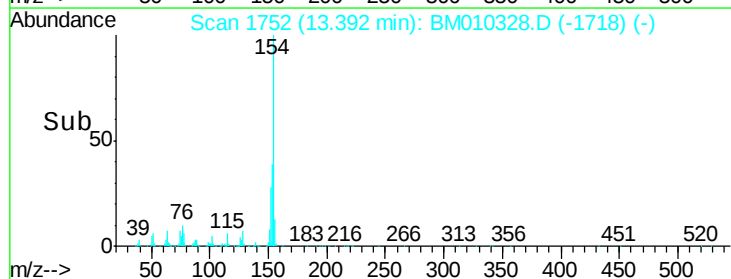
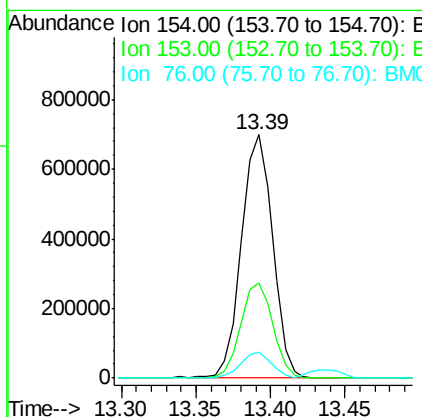
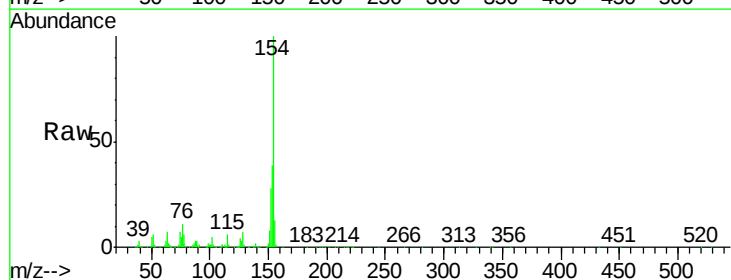
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02009

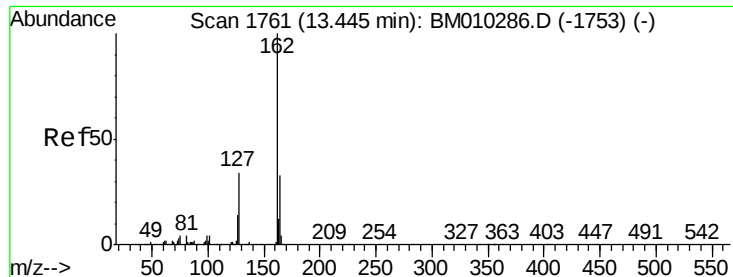
Tgt Ion:196 Resp: 309878  
 Ion Ratio Lower Upper  
 196 100  
 198 96.7 75.6 113.4  
 200 29.4 25.5 38.3



#40  
 1,1'-Biphenyl  
 Concen: 21.01 ng/ul  
 RT: 13.39 min Scan# 1752  
 Delta R.T. 0.00 min  
 Lab File: BM010328.D  
 Acq: 31 May 2017 12:56

Tgt Ion:154 Resp: 1011136  
 Ion Ratio Lower Upper  
 154 100  
 153 39.1 32.6 48.8  
 76 10.5 8.5 12.7

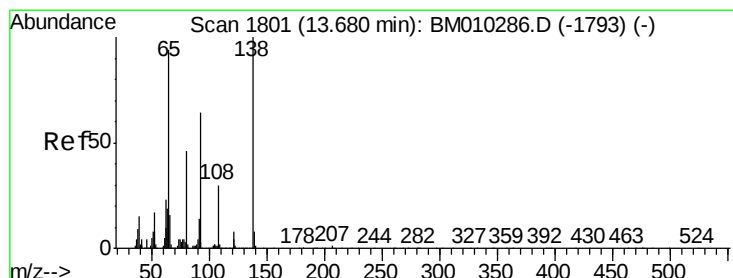
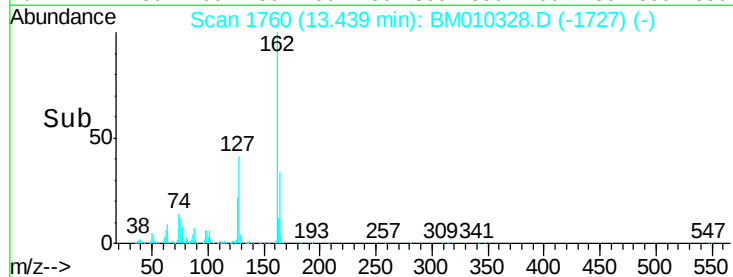
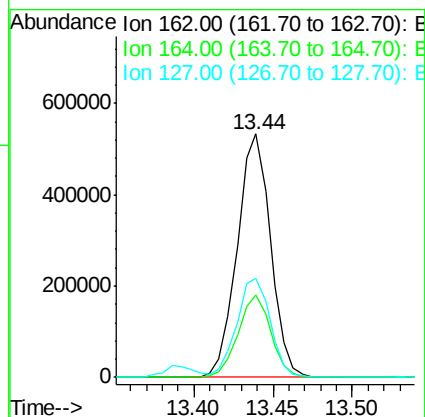
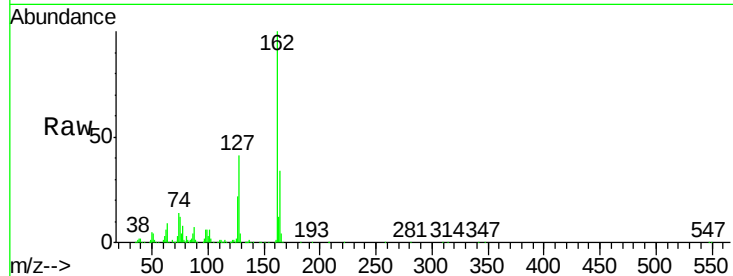




#41  
2-Chloronaphthalene  
Concen: 20.51 ng/ul  
RT: 13.44 min Scan# 1760  
Delta R.T. -0.01 min  
Lab File: BM010328.D  
Acq: 31 May 2017 12:56

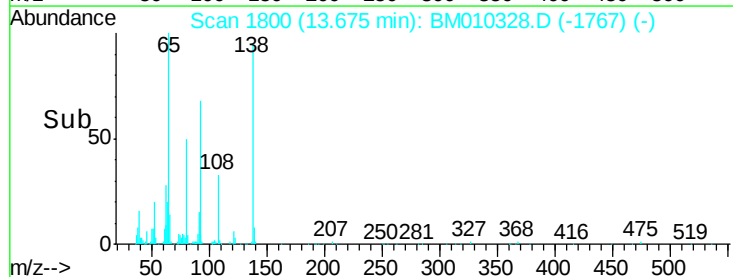
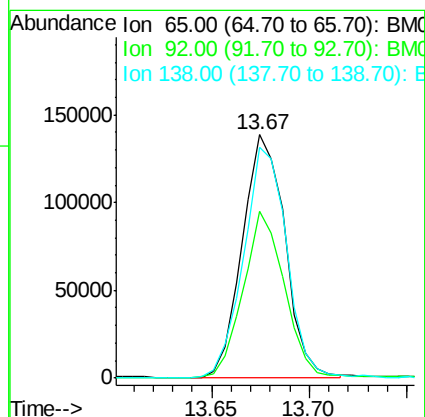
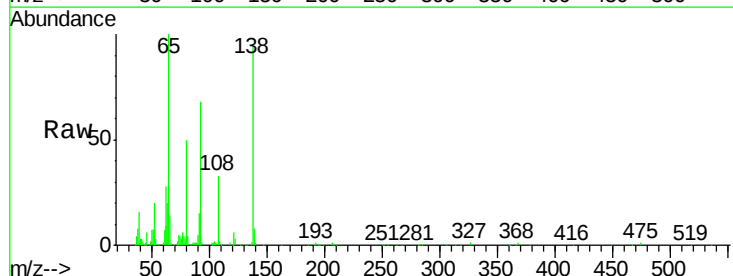
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02009

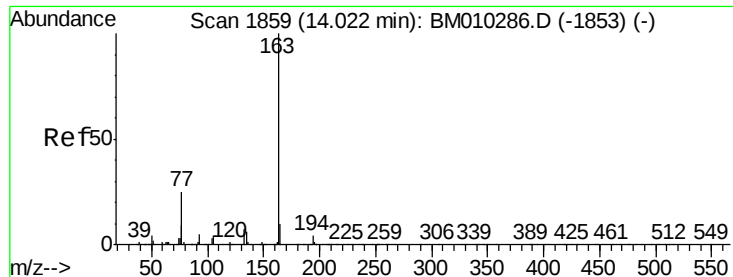
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 34.0  | 25.9  | 38.9  |
| 127     | 40.7  | 29.4  | 44.2  |



#42  
2-Nitroaniline  
Concen: 21.88 ng/ul  
RT: 13.67 min Scan# 1800  
Delta R.T. -0.01 min  
Lab File: BM010328.D  
Acq: 31 May 2017 12:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 68.3  | 51.8  | 77.6  |
| 138     | 94.8  | 74.2  | 111.4 |

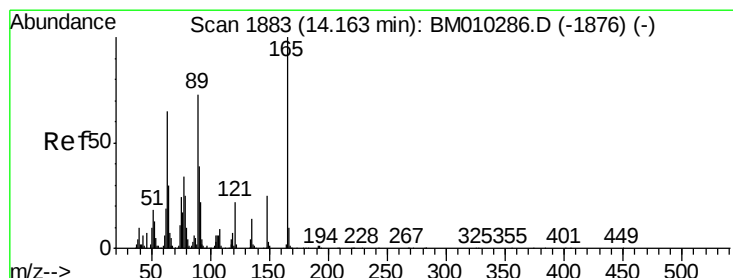
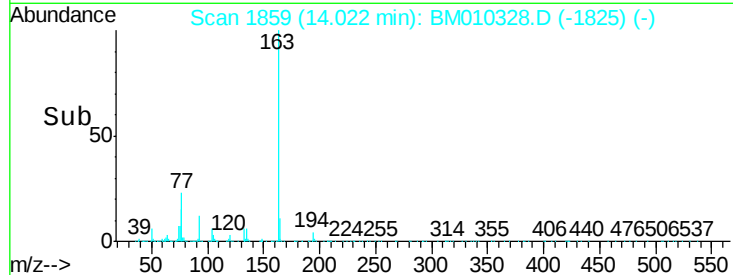
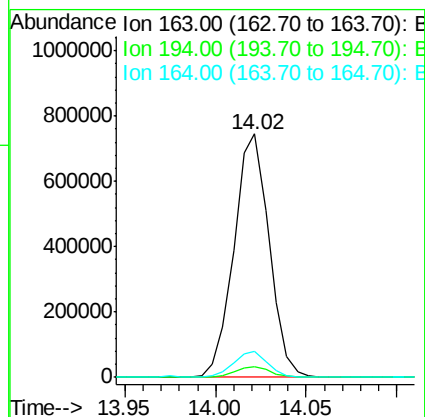
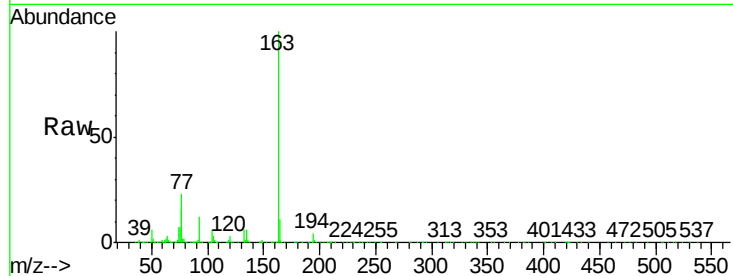




#44  
Dimethylphthalate  
Concen: 20.67 ng/ul  
RT: 14.02 min Scan# 1859  
Delta R.T. 0.00 min  
Lab File: BM010328.D  
Acq: 31 May 2017 12:56

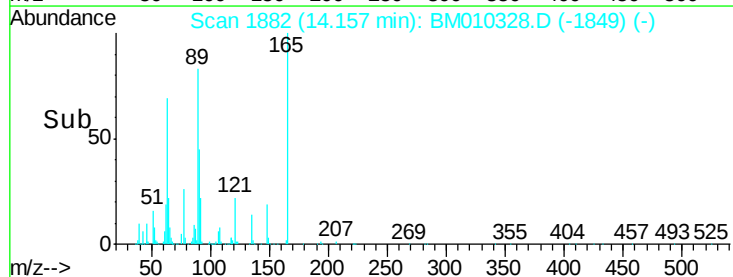
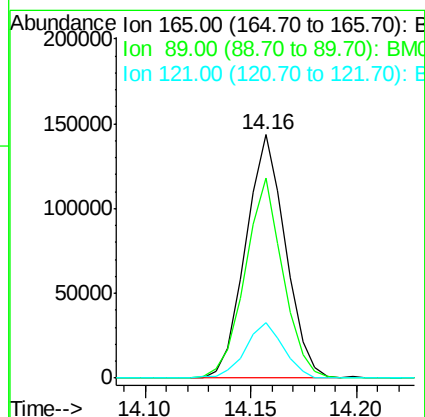
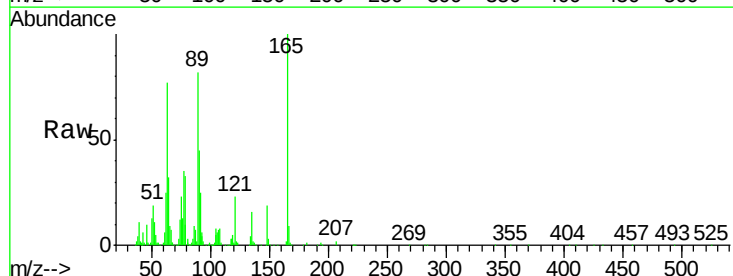
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02009

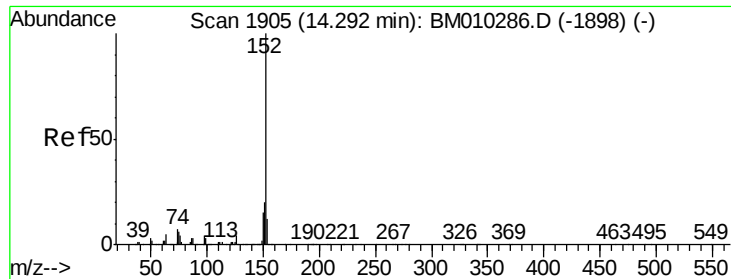
Tgt Ion:163 Resp: 1002272  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.5 5.3  
164 10.8 8.2 12.4



#45  
2,6-Dinitrotoluene  
Concen: 21.13 ng/ul  
RT: 14.16 min Scan# 1882  
Delta R.T. -0.01 min  
Lab File: BM010328.D  
Acq: 31 May 2017 12:56

Tgt Ion:165 Resp: 187741  
Ion Ratio Lower Upper  
165 100  
89 82.2 52.6 79.0#  
121 22.6 14.6 22.0#





#47

Acenaphthylene

Concen: 21.17 ng/ul

RT: 14.29 min Scan# 1904

Delta R.T. -0.01 min

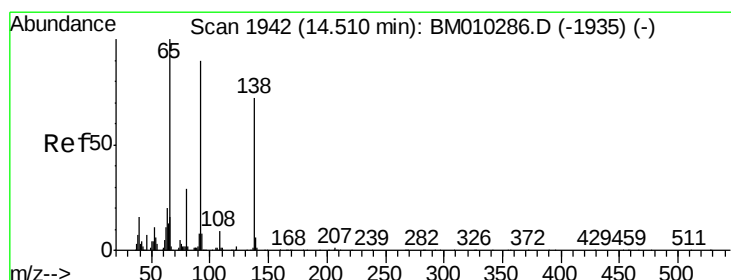
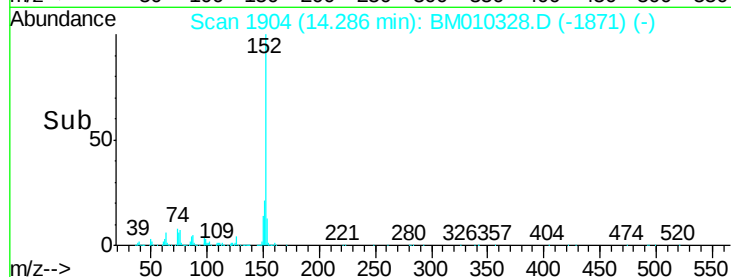
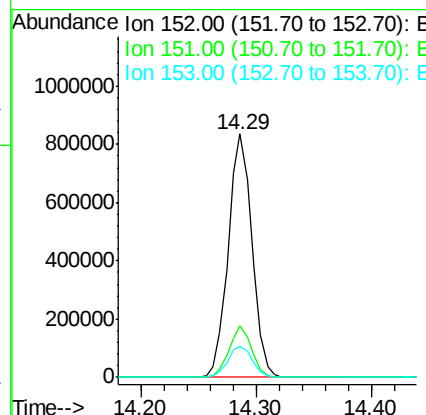
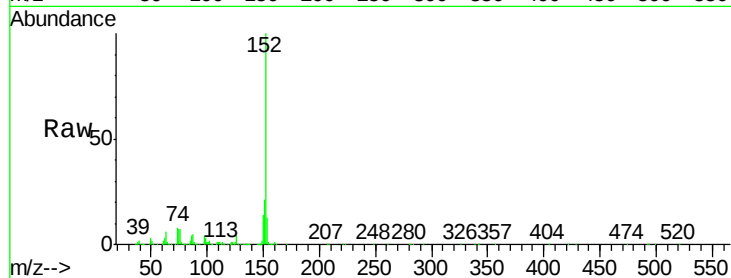
Lab File: BM010328.D

Acq: 31 May 2017 12:56

Instrument :  
BNA\_M  
ClientSampled :  
SSTD02009

Tgt Ion:152 Resp: 1189619

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 21.0  | 16.3  | 24.5  |
| 153 | 12.7  | 10.2  | 15.4  |



#48

3-Nitroaniline

Concen: 18.60 ng/ul

RT: 14.50 min Scan# 1941

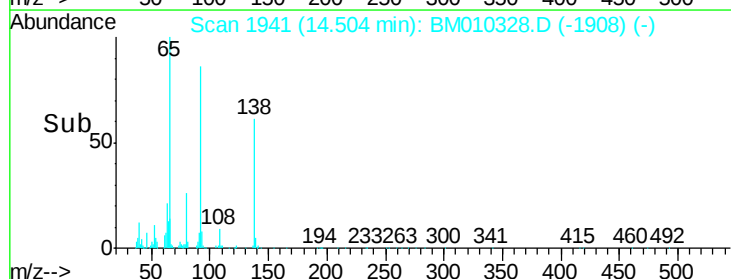
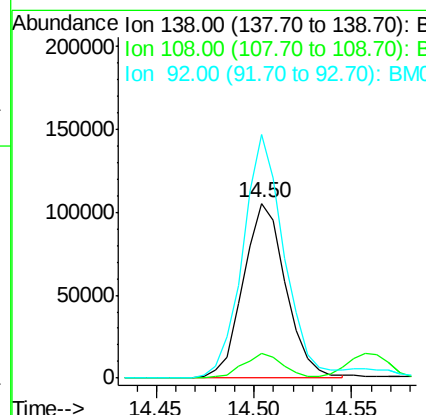
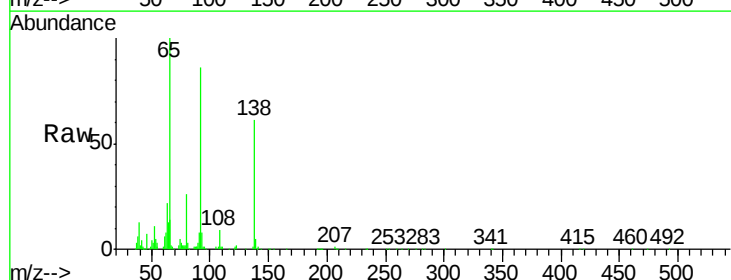
Delta R.T. -0.01 min

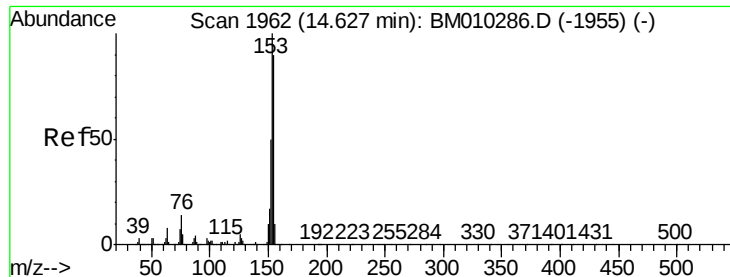
Lab File: BM010328.D

Acq: 31 May 2017 12:56

Tgt Ion:138 Resp: 159231

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 138 | 100   |       |       |
| 108 | 14.0  | 9.9   | 14.9  |
| 92  | 139.2 | 105.0 | 157.4 |





#49

Acenaphthene

Concen: 20.62 ng/ul

RT: 14.62 min Scan# 1961

Delta R.T. -0.01 min

Lab File: BM010328.D

Acq: 31 May 2017 12:56

Instrument :

BNA\_M

ClientSampleId :

SSTD02009

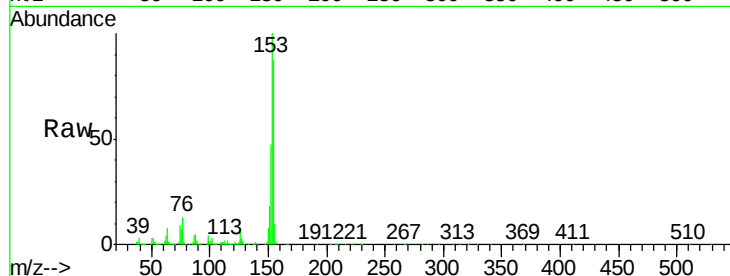
Tgt Ion:153 Resp: 812754

Ion Ratio Lower Upper

153 100

152 47.1 37.6 56.4

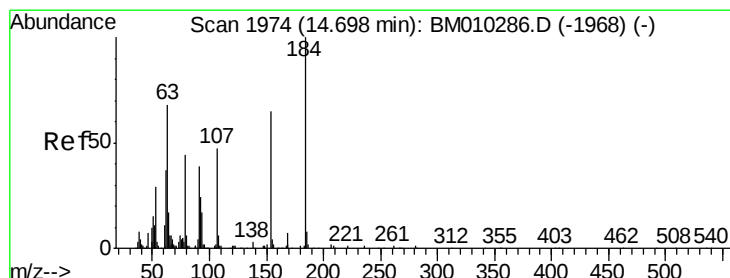
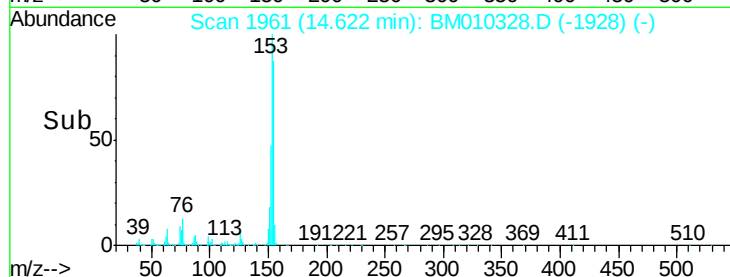
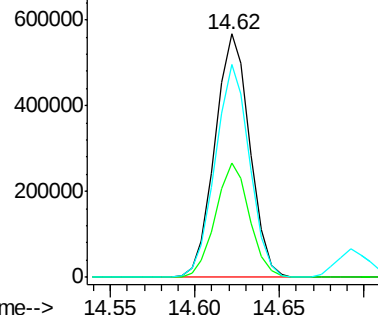
154 87.4 70.4 105.6



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: 18.84 ng/ul

RT: 14.69 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BM010328.D

Acq: 31 May 2017 12:56

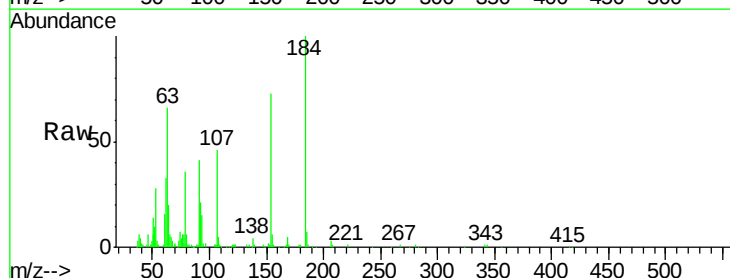
Tgt Ion:184 Resp: 126544

Ion Ratio Lower Upper

184 100

63 66.0 50.1 75.1

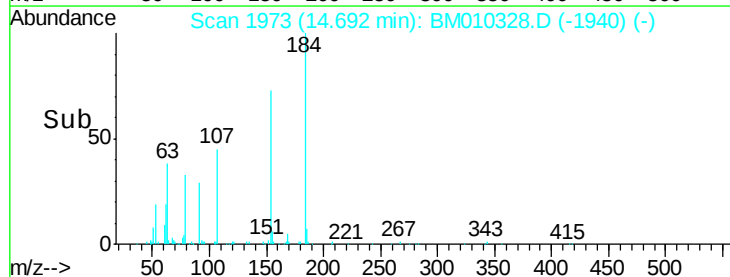
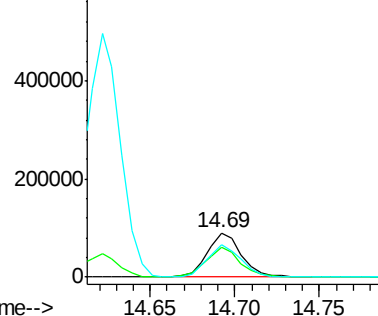
154 73.1 54.5 81.7

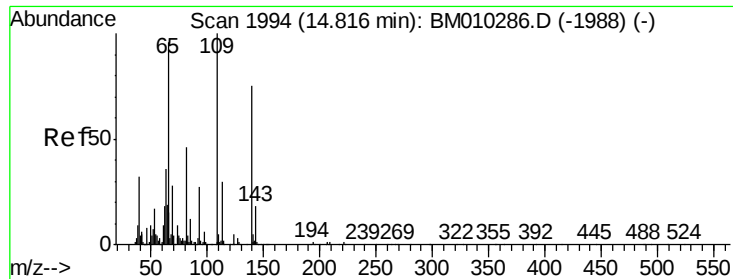


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E

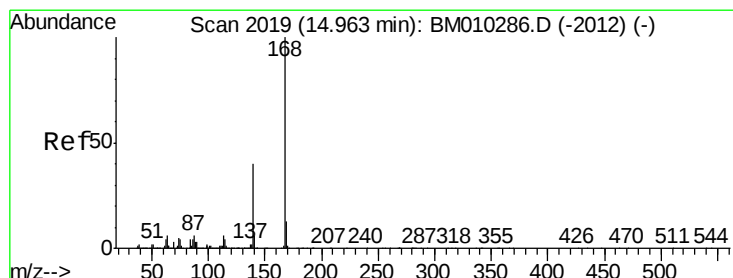
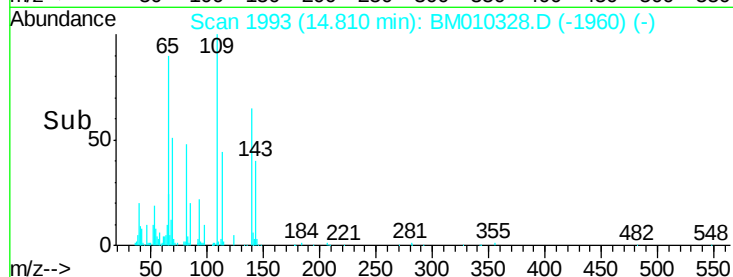
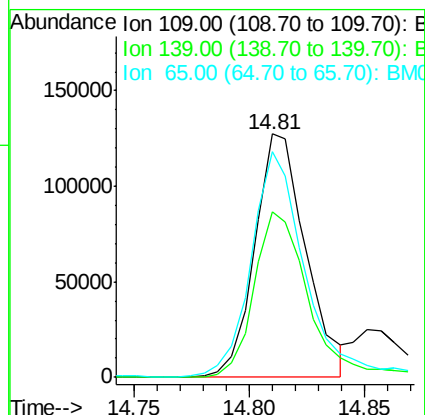
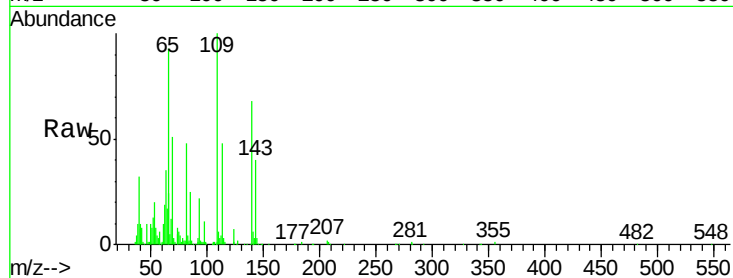




#52  
4-Nitrophenol  
Concen: 19.38 ng/ul  
RT: 14.81 min Scan# 1993  
Delta R.T. -0.01 min  
Lab File: BM010328.D  
Acq: 31 May 2017 12:56

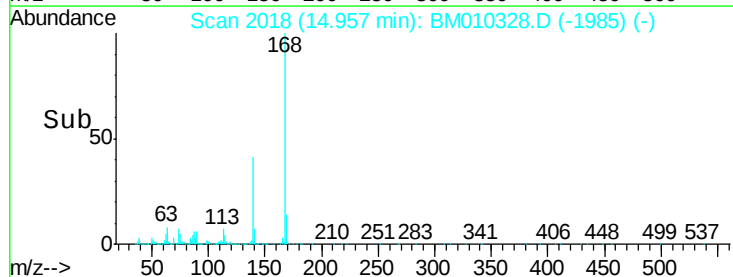
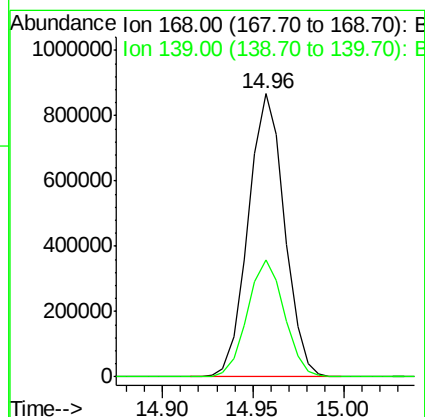
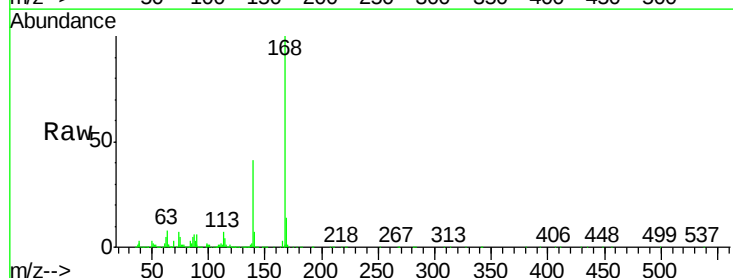
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02009

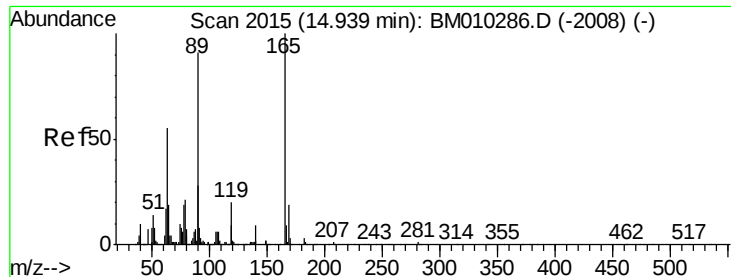
Tgt Ion: 109 Resp: 195921  
Ion Ratio Lower Upper  
109 100  
139 68.0 66.6 100.0  
65 92.6 78.3 117.5



#53  
Dibenzofuran  
Concen: 20.70 ng/ul  
RT: 14.96 min Scan# 2018  
Delta R.T. -0.01 min  
Lab File: BM010328.D  
Acq: 31 May 2017 12:56

Tgt Ion: 168 Resp: 1206656  
Ion Ratio Lower Upper  
168 100  
139 41.4 30.8 46.2

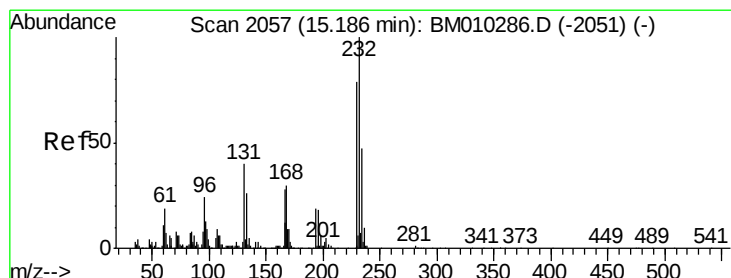
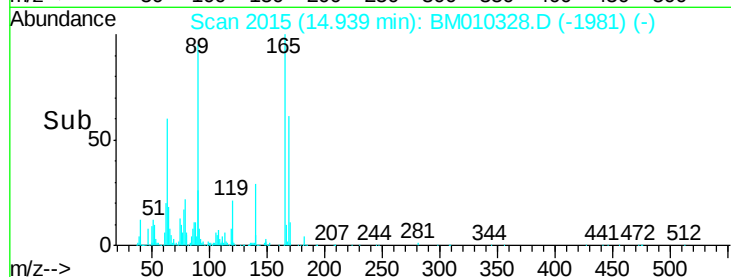
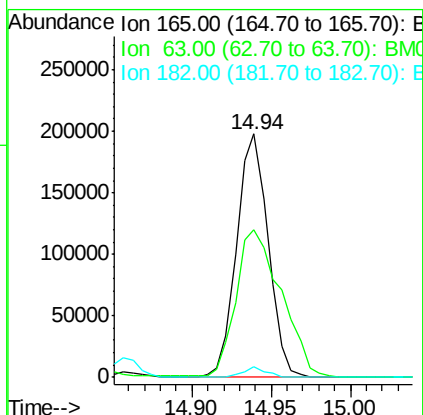
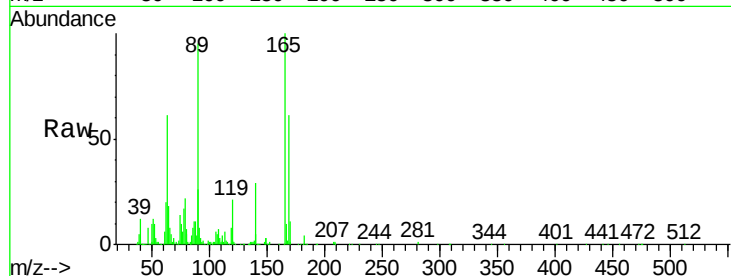




#54  
2,4-Dinitrotoluene  
Concen: 20.93 ng/ul  
RT: 14.94 min Scan# 2015  
Delta R.T. 0.00 min  
Lab File: BM010328.D  
Acq: 31 May 2017 12:56

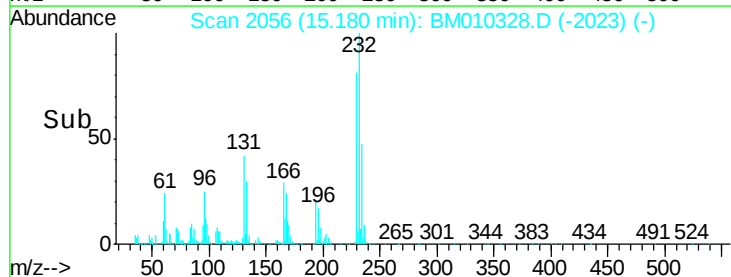
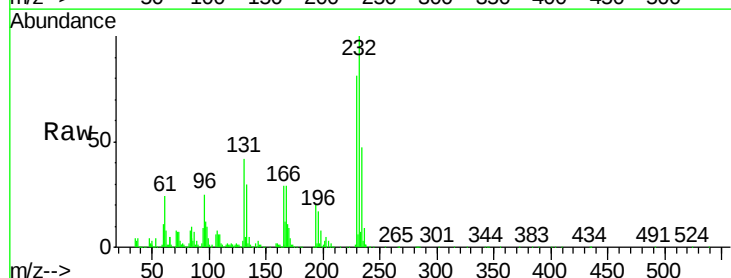
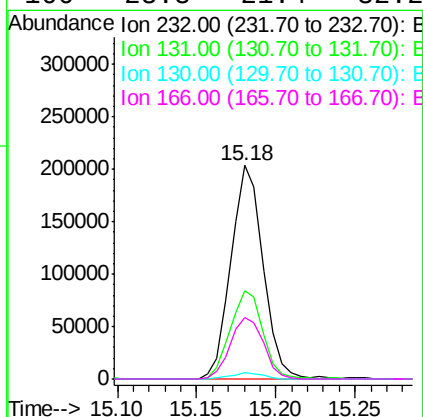
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02009

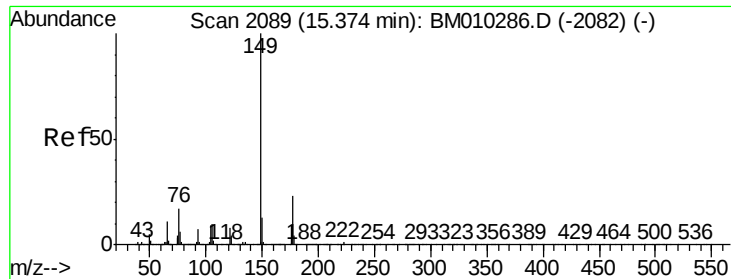
Tgt Ion:165 Resp: 273092  
Ion Ratio Lower Upper  
165 100  
63 60.5 45.8 68.8  
182 4.1 2.6 4.0#



#55  
2,3,4,6-Tetrachlorophenol  
Concen: 21.03 ng/ul  
RT: 15.18 min Scan# 2056  
Delta R.T. -0.01 min  
Lab File: BM010328.D  
Acq: 31 May 2017 12:56

Tgt Ion:232 Resp: 285929  
Ion Ratio Lower Upper  
232 100  
131 41.5 29.0 43.4  
130 2.7 2.0 3.0  
166 28.8 21.4 32.2

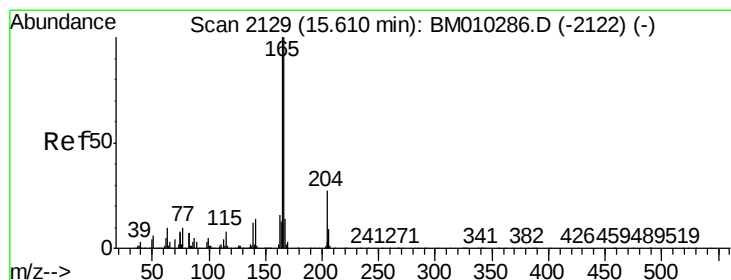
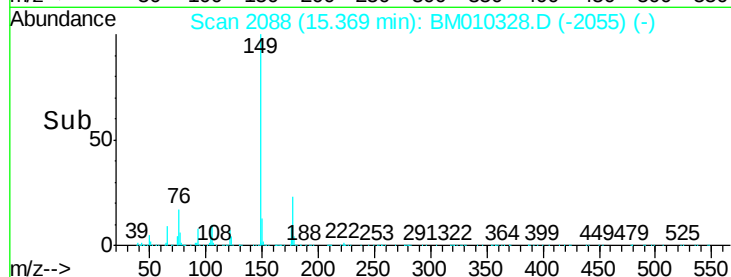
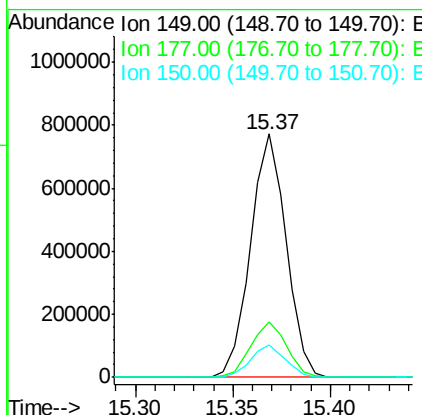
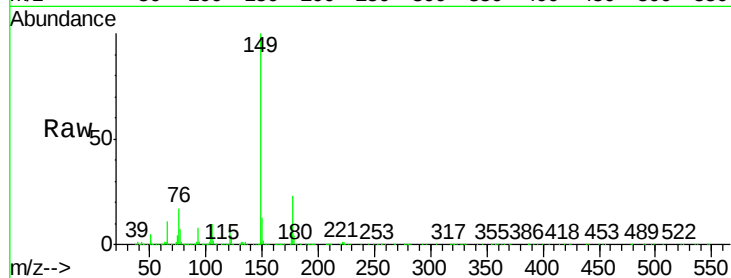




#56  
Diethylphthalate  
Concen: 20.82 ng/ul  
RT: 15.37 min Scan# 2088  
Delta R.T. -0.01 min  
Lab File: BM010328.D  
Acq: 31 May 2017 12:56

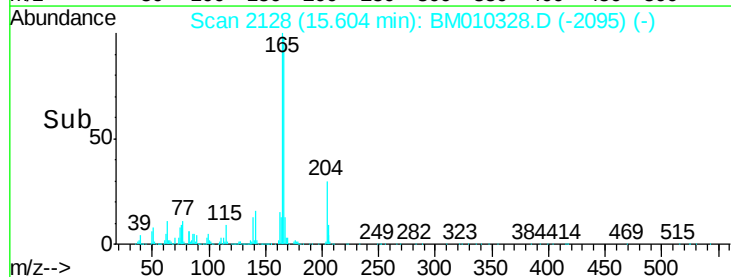
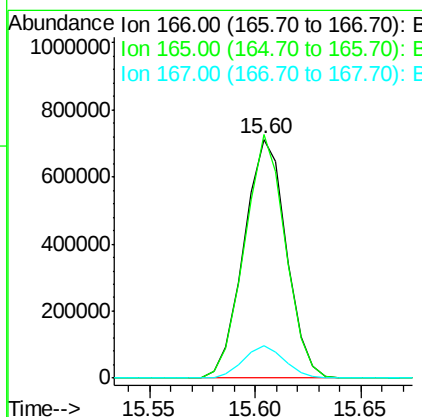
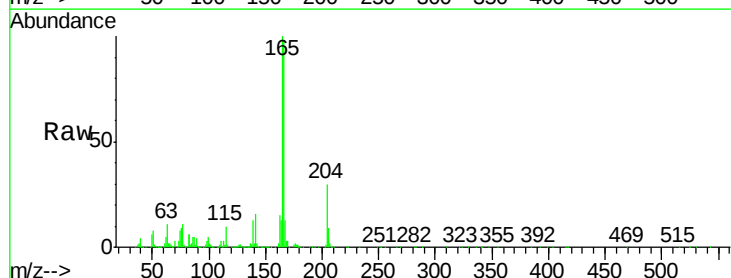
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02009

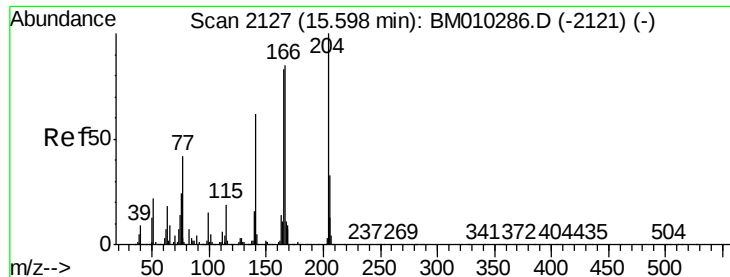
Tgt Ion:149 Resp: 976308  
Ion Ratio Lower Upper  
149 100  
177 22.6 20.5 30.7  
150 13.3 10.6 15.8



#58  
Fluorene  
Concen: 20.74 ng/ul  
RT: 15.60 min Scan# 2128  
Delta R.T. -0.01 min  
Lab File: BM010328.D  
Acq: 31 May 2017 12:56

Tgt Ion:166 Resp: 991406  
Ion Ratio Lower Upper  
166 100  
165 102.0 77.9 116.9  
167 13.7 10.6 16.0

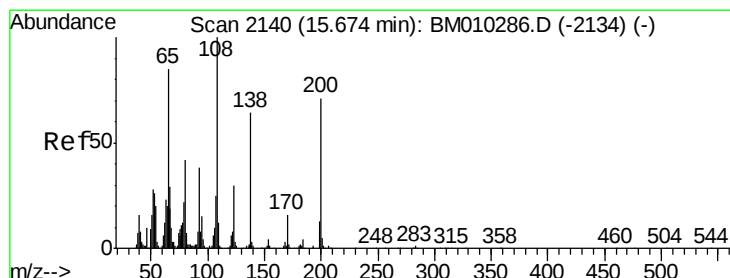
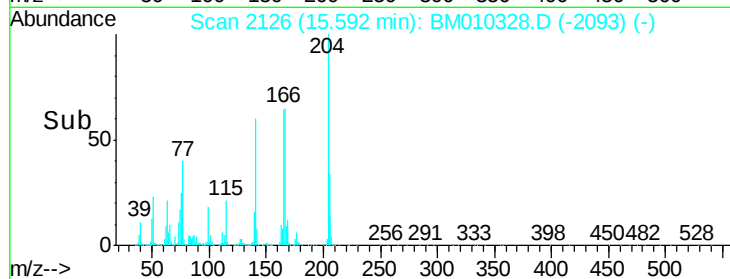
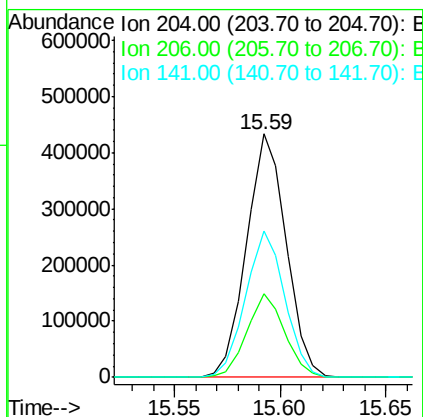
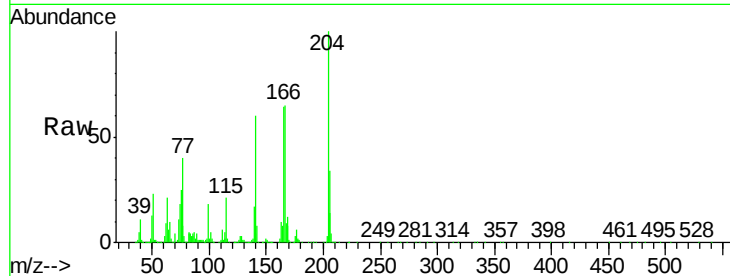




#59  
4-Chlorophenyl-phenylether  
Concen: 20.70 ng/ul  
RT: 15.59 min Scan# 2126  
Delta R.T. -0.01 min  
Lab File: BM010328.D  
Acq: 31 May 2017 12:56

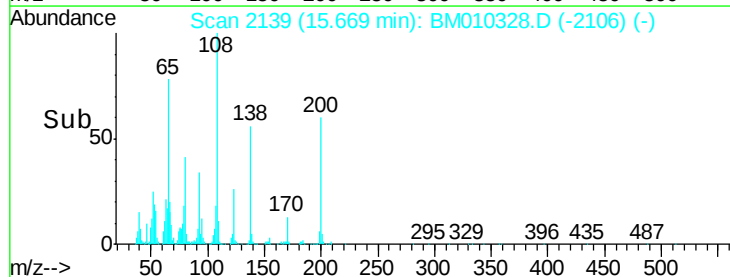
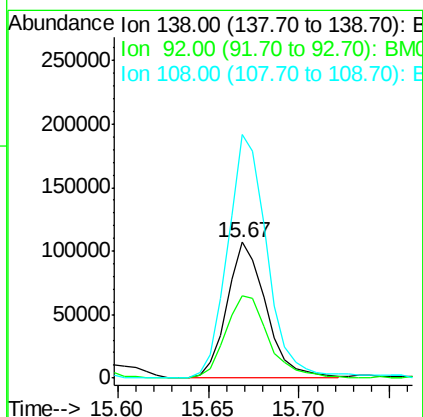
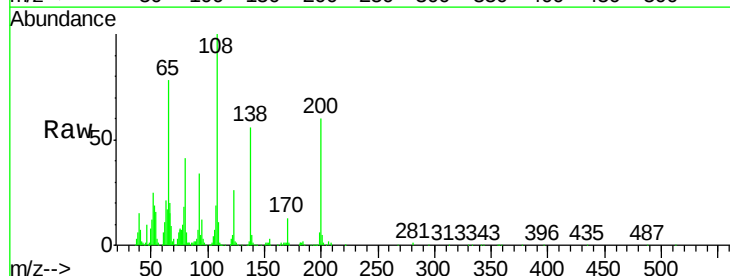
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02009

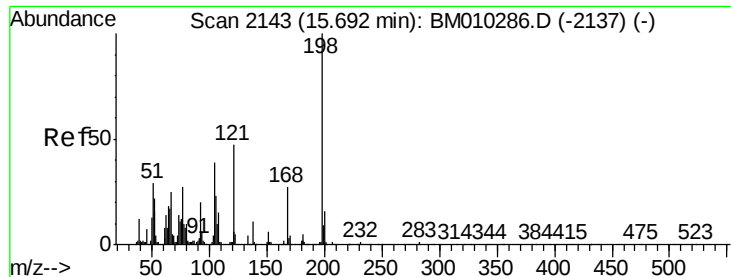
Tgt Ion:204 Resp: 565691  
Ion Ratio Lower Upper  
204 100  
206 34.4 24.8 37.2  
141 60.1 44.3 66.5



#60  
4-Nitroaniline  
Concen: 17.96 ng/ul  
RT: 15.67 min Scan# 2139  
Delta R.T. -0.01 min  
Lab File: BM010328.D  
Acq: 31 May 2017 12:56

Tgt Ion:138 Resp: 160998  
Ion Ratio Lower Upper  
138 100  
92 60.9 52.7 79.1  
108 179.1 140.4 210.6

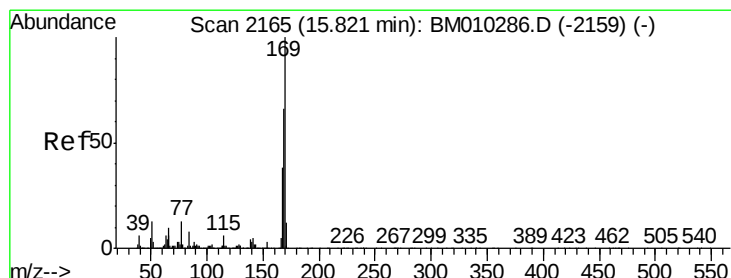
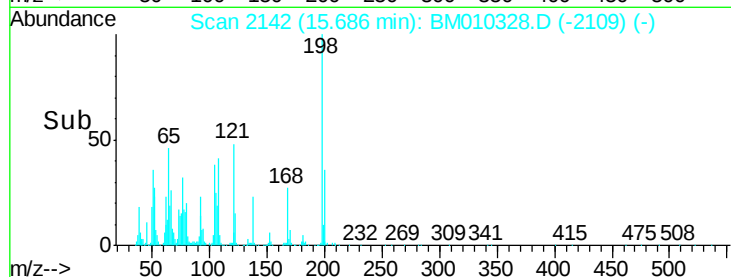
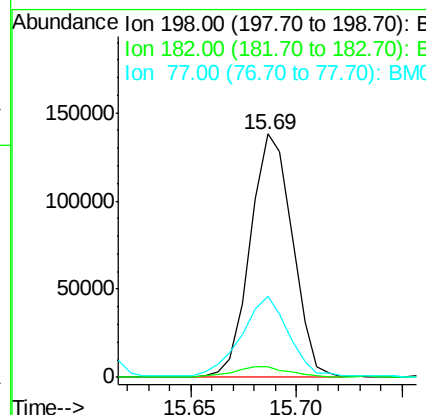
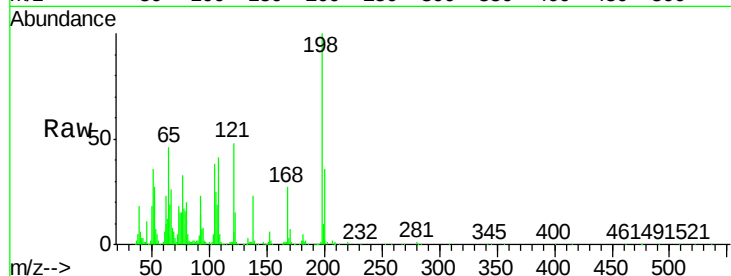




#63  
4,6-Dinitro-2-methylphenol  
Concen: 18.33 ng/ul  
RT: 15.69 min Scan# 2142  
Delta R.T. -0.01 min  
Lab File: BM010328.D  
Acq: 31 May 2017 12:56

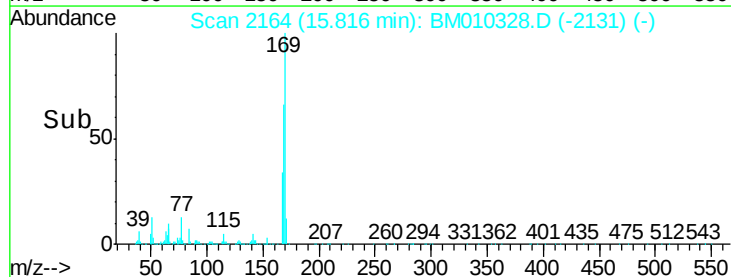
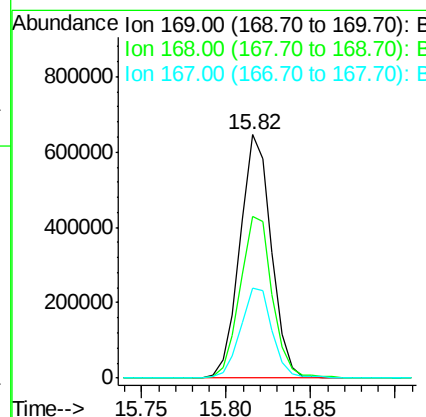
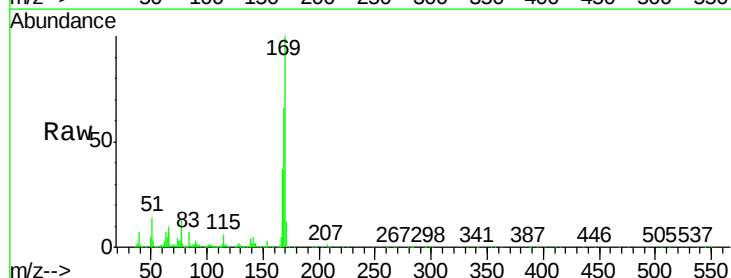
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02009

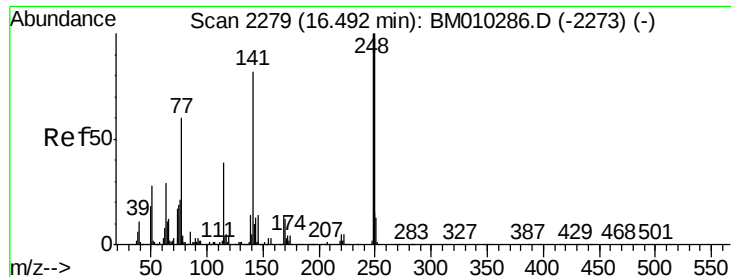
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 182     | 4.5   | 3.8   | 5.6   |
| 77      | 33.1  | 25.2  | 37.8  |



#64  
N-Nitrosodiphenylamine  
Concen: 20.55 ng/ul  
RT: 15.82 min Scan# 2164  
Delta R.T. -0.01 min  
Lab File: BM010328.D  
Acq: 31 May 2017 12:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 66.5  | 54.0  | 81.0  |
| 167     | 36.7  | 29.1  | 43.7  |

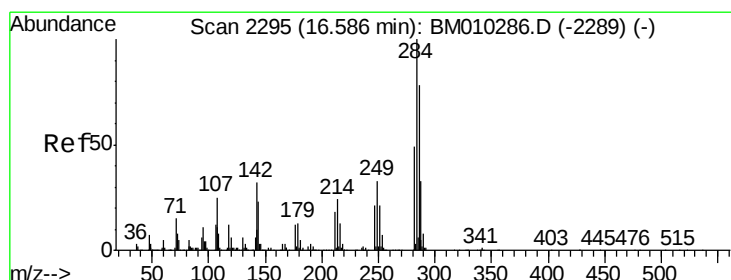
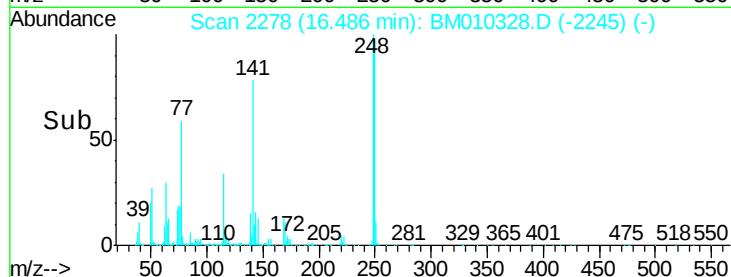
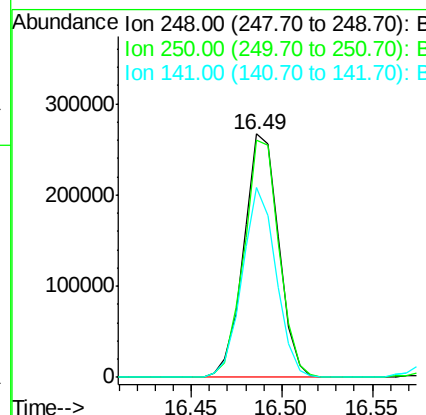
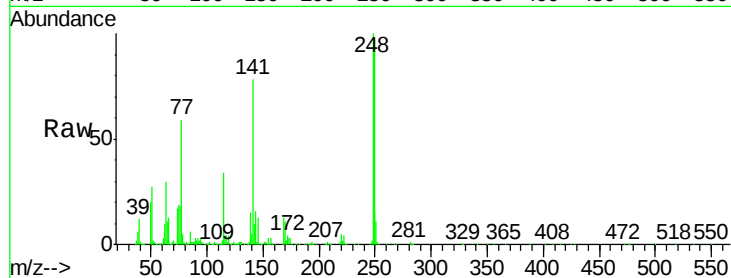




#65  
4-Bromophenyl-phenylether  
Concen: 20.77 ng/ul  
RT: 16.49 min Scan# 2278  
Delta R.T. -0.01 min  
Lab File: BM010328.D  
Acq: 31 May 2017 12:56

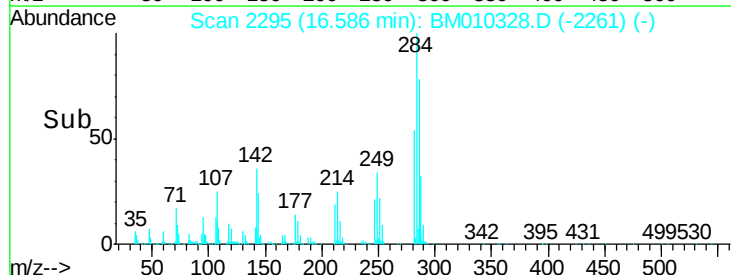
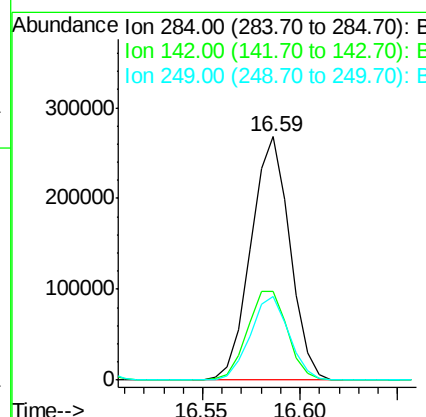
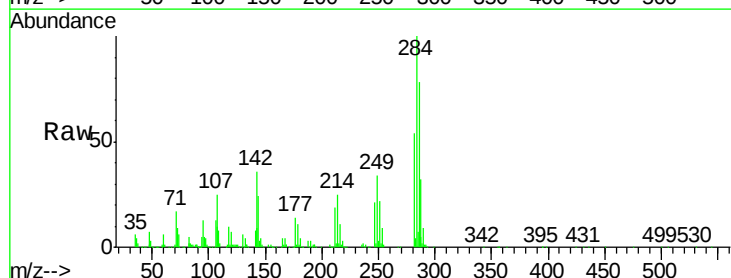
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02009

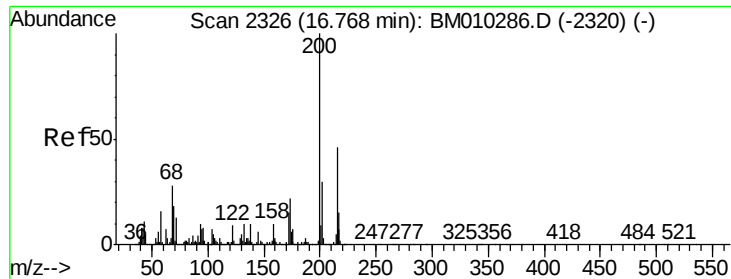
Tgt Ion:248 Resp: 356557  
Ion Ratio Lower Upper  
248 100  
250 97.2 80.5 120.7  
141 77.9 53.6 80.4



#66  
Hexachlorobenzene  
Concen: 20.58 ng/ul  
RT: 16.59 min Scan# 2295  
Delta R.T. 0.00 min  
Lab File: BM010328.D  
Acq: 31 May 2017 12:56

Tgt Ion:284 Resp: 370071  
Ion Ratio Lower Upper  
284 100  
142 36.3 21.2 31.8#  
249 34.1 24.5 36.7

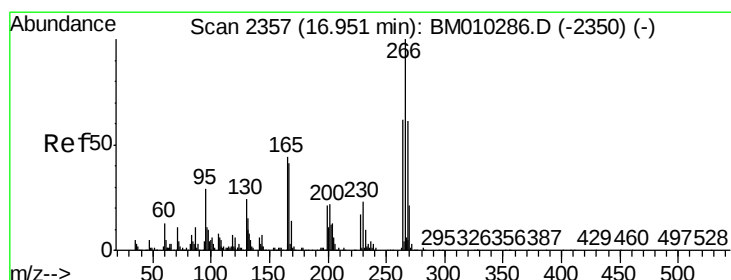
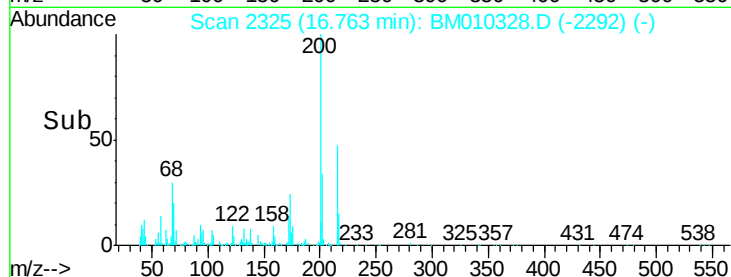
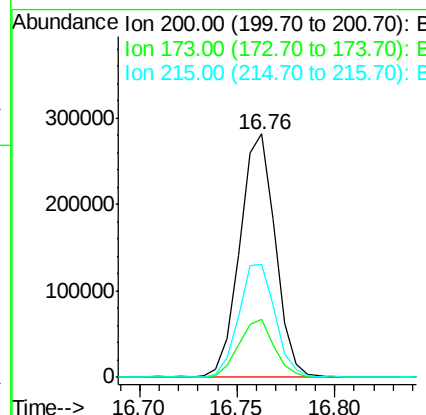
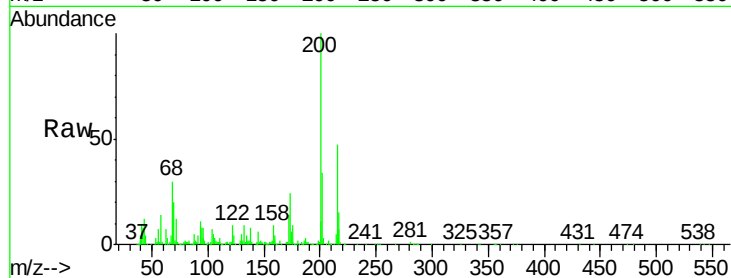




#67  
Atrazine  
Concen: 20.11 ng/ul  
RT: 16.76 min Scan# 2325  
Delta R.T. -0.01 min  
Lab File: BM010328.D  
Acq: 31 May 2017 12:56

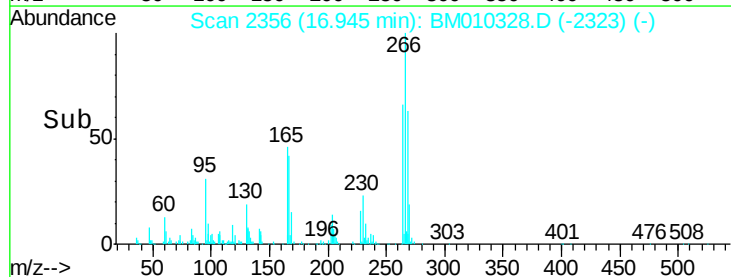
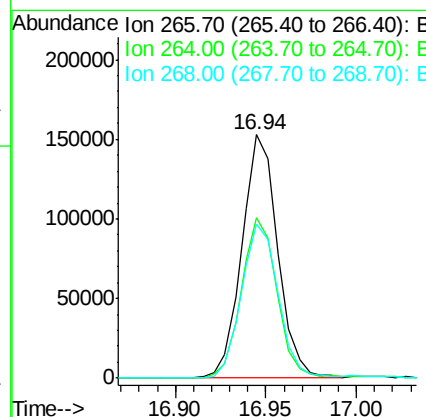
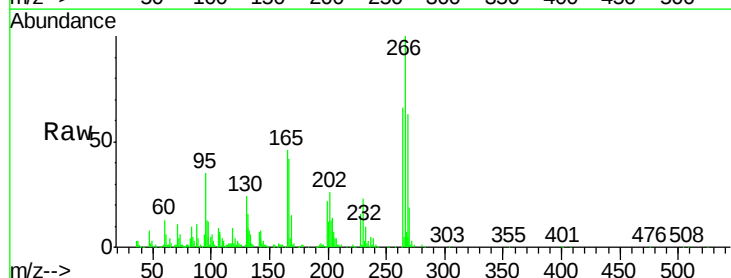
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02009

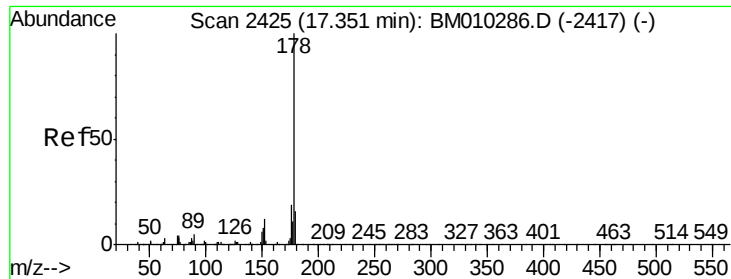
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 24.0  | 18.2  | 27.2  |
| 215     | 46.6  | 35.0  | 52.4  |



#68  
Pentachlorophenol  
Concen: 18.33 ng/ul  
RT: 16.94 min Scan# 2356  
Delta R.T. -0.01 min  
Lab File: BM010328.D  
Acq: 31 May 2017 12:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 65.6  | 49.3  | 73.9  |
| 268     | 63.4  | 52.6  | 78.8  |





#69

Phenanthrene

Concen: 20.33 ng/ul

RT: 17.34 min Scan# 2424

Delta R.T. -0.01 min

Lab File: BM010328.D

Acq: 31 May 2017 12:56

Instrument :

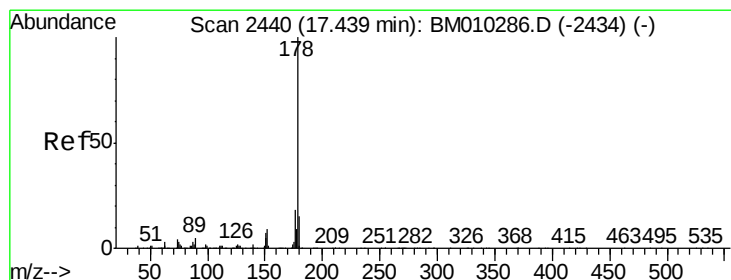
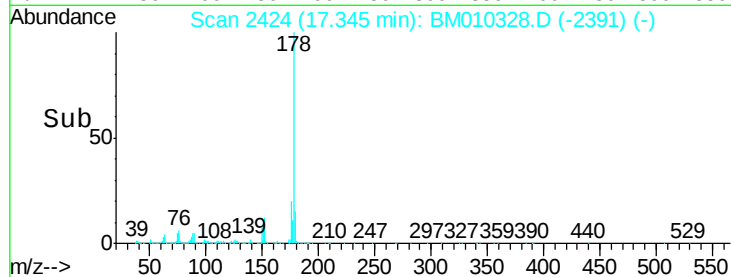
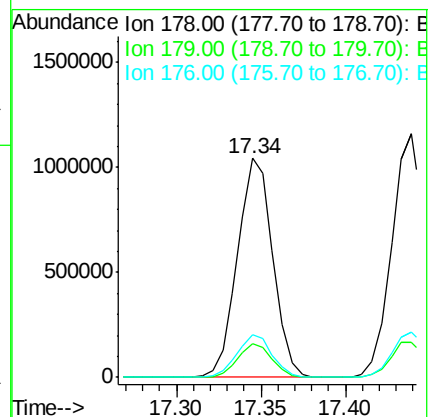
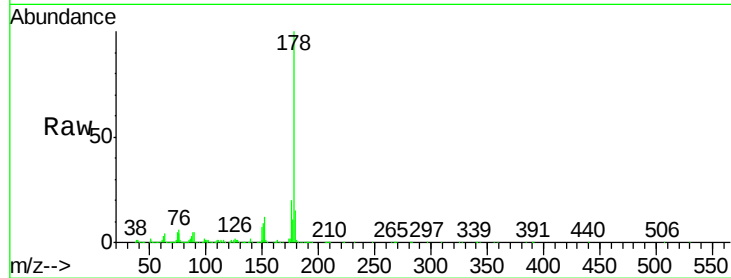
BNA\_M

ClientSampleId :

SSTD02009

Tgt Ion:178 Resp: 1513980

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 15.1  | 12.6  | 19.0  |
| 176 | 19.7  | 14.9  | 22.3  |



#71

Anthracene

Concen: 20.59 ng/ul

RT: 17.44 min Scan# 2440

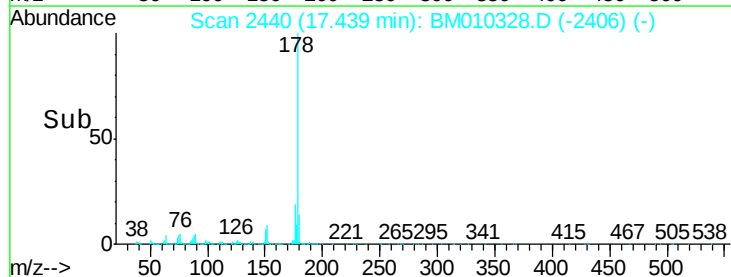
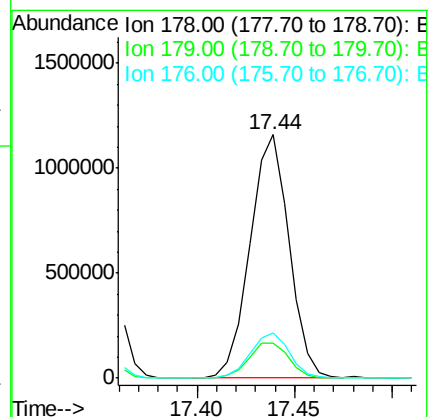
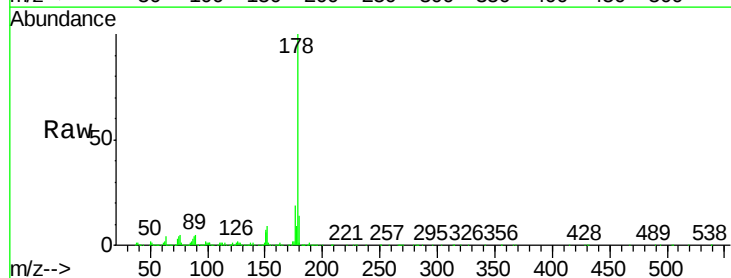
Delta R.T. 0.00 min

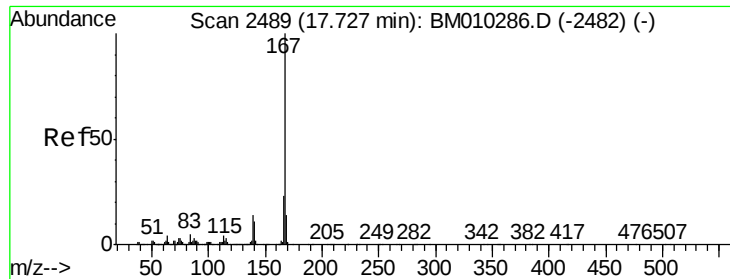
Lab File: BM010328.D

Acq: 31 May 2017 12:56

Tgt Ion:178 Resp: 1601502

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 14.2  | 11.7  | 17.5  |
| 176 | 18.7  | 14.6  | 21.8  |

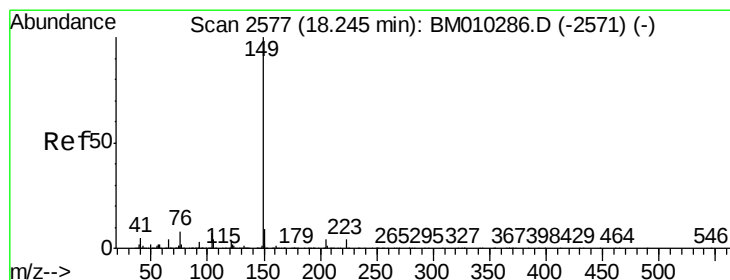
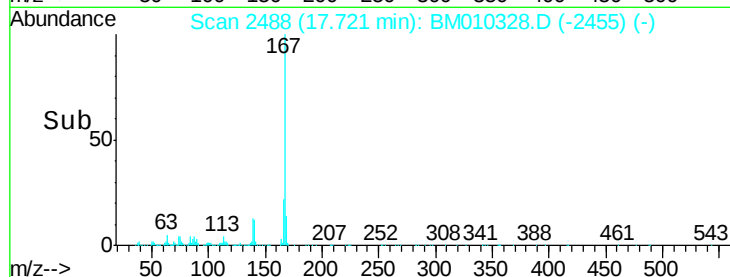
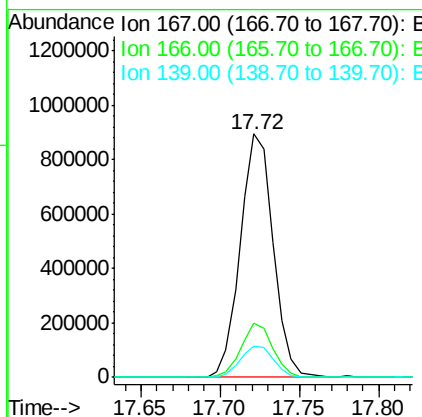
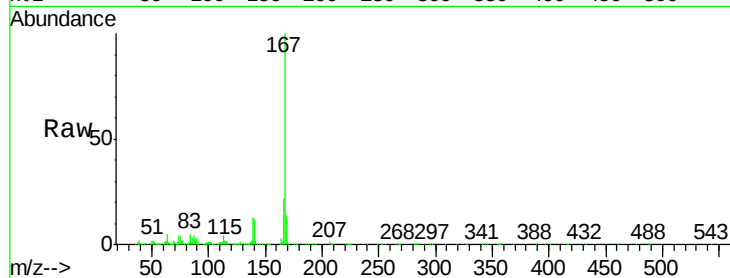




#72  
 Carbazole  
 Concen: 19.60 ng/ul  
 RT: 17.72 min Scan# 2488  
 Delta R.T. -0.01 min  
 Lab File: BM010328.D  
 Acq: 31 May 2017 12:56

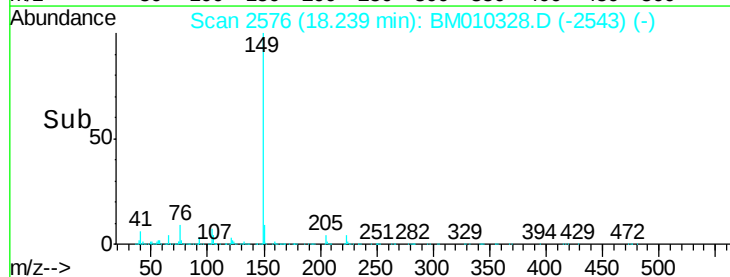
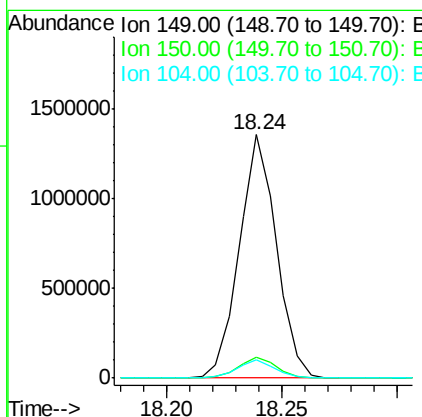
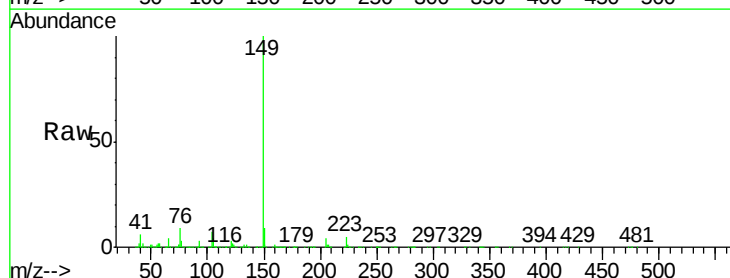
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SST02009

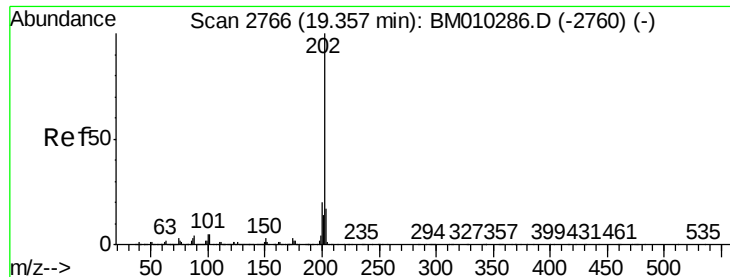
Tgt Ion:167 Resp: 1290366  
 Ion Ratio Lower Upper  
 167 100  
 166 22.3 17.1 25.7  
 139 13.0 10.0 15.0



#73  
 Di-n-butylphthalate  
 Concen: 20.46 ng/ul  
 RT: 18.24 min Scan# 2576  
 Delta R.T. -0.01 min  
 Lab File: BM010328.D  
 Acq: 31 May 2017 12:56

Tgt Ion:149 Resp: 1520455  
 Ion Ratio Lower Upper  
 149 100  
 150 8.6 7.1 10.7  
 104 7.3 5.6 8.4

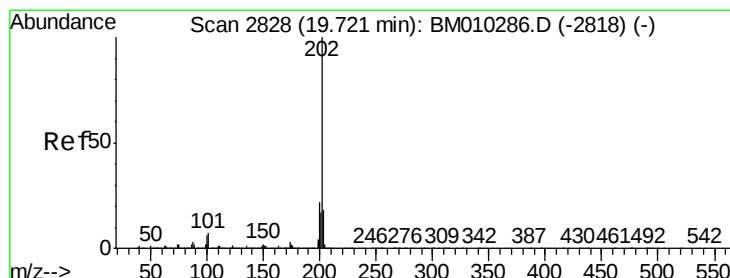
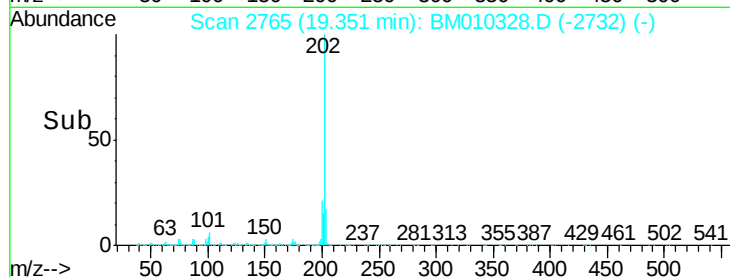
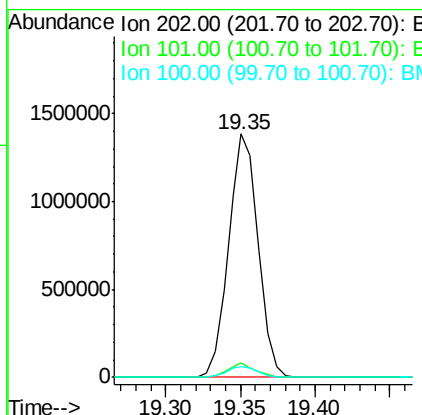
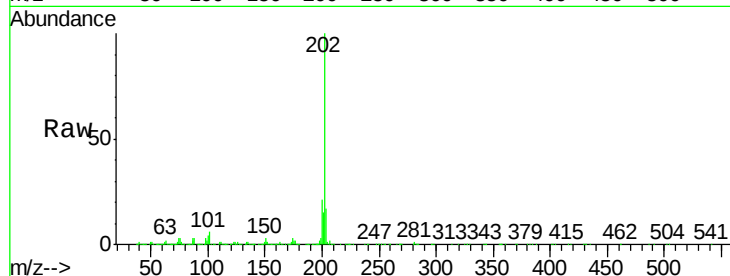




#74  
Fluoranthene  
Concen: 20.84 ng/ul  
RT: 19.35 min Scan# 2765  
Delta R.T. -0.01 min  
Lab File: BM010328.D  
Acq: 31 May 2017 12:56

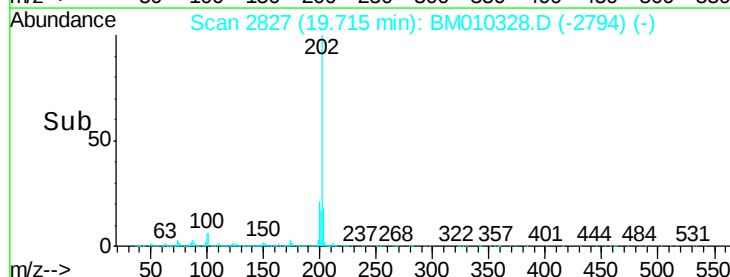
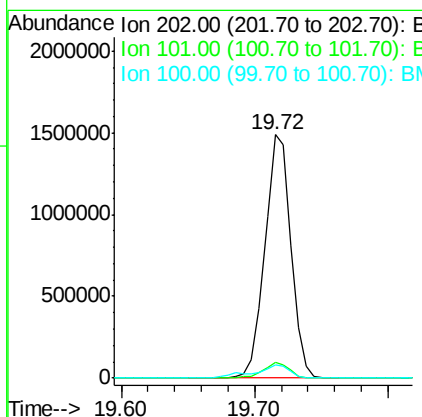
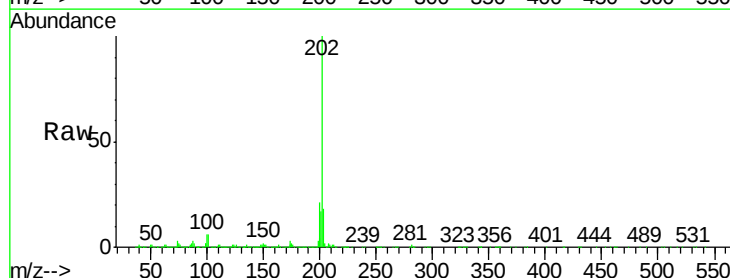
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02009

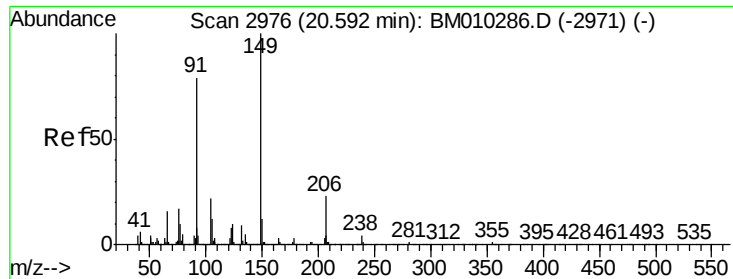
Tgt Ion:202 Resp: 1909175  
Ion Ratio Lower Upper  
202 100  
101 6.1 4.6 7.0  
100 4.4 3.4 5.2



#77  
Pyrene  
Concen: 21.04 ng/ul  
RT: 19.72 min Scan# 2827  
Delta R.T. -0.01 min  
Lab File: BM010328.D  
Acq: 31 May 2017 12:56

Tgt Ion:202 Resp: 2015840  
Ion Ratio Lower Upper  
202 100  
101 6.3 5.1 7.7  
100 5.6 4.9 7.3

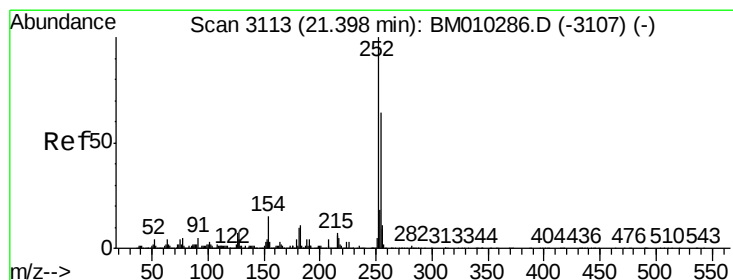
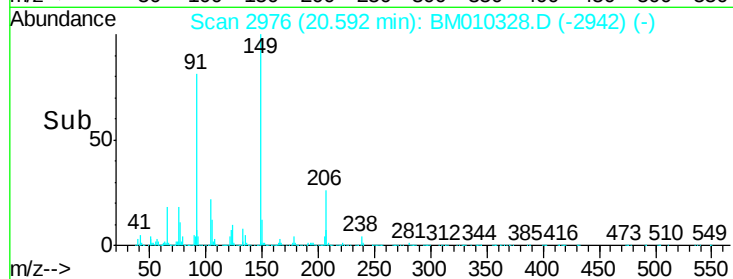
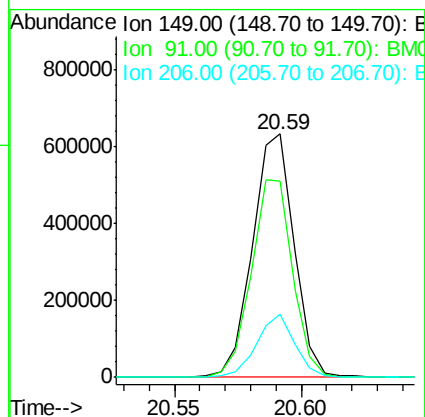
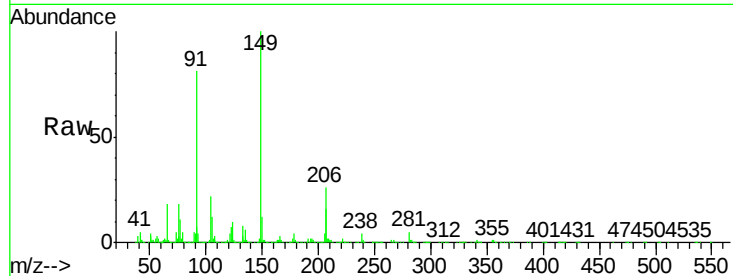




#78  
Butylbenzylphthalate  
Concen: 21.84 ng/ul  
RT: 20.59 min Scan# 2976  
Delta R.T. 0.00 min  
Lab File: BM010328.D  
Acq: 31 May 2017 12:56

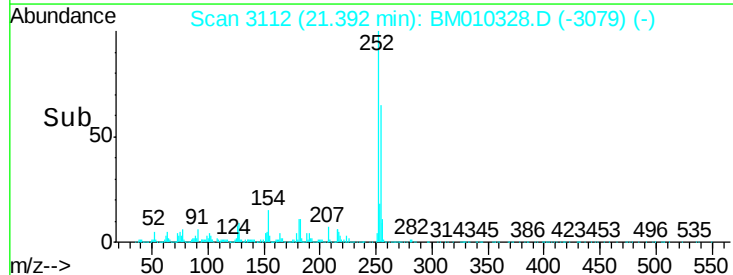
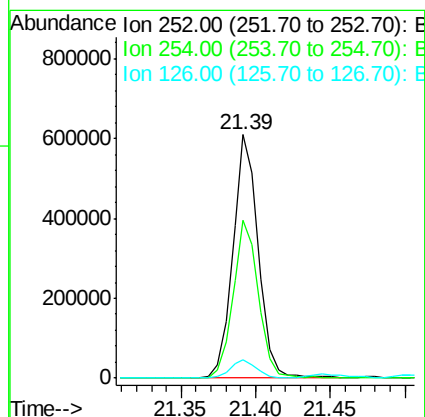
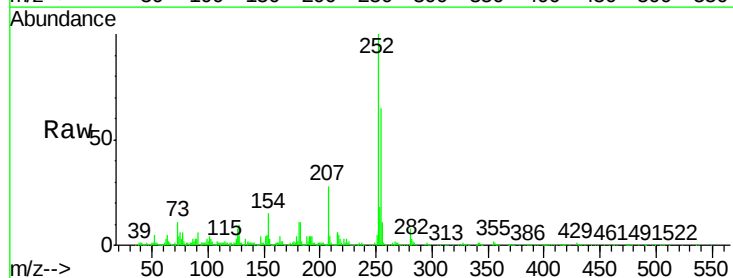
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02009

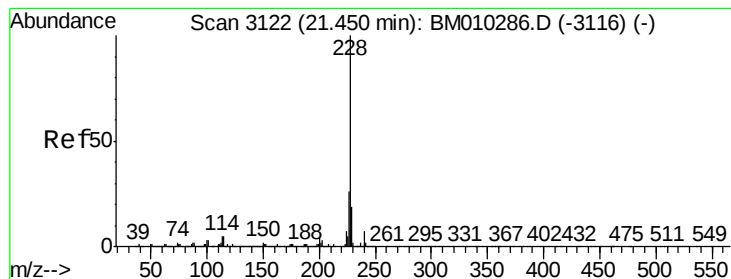
Tgt Ion:149 Resp: 722994  
Ion Ratio Lower Upper  
149 100  
91 80.8 62.7 94.1  
206 25.7 20.8 31.2



#79  
3,3'-Dichlorobenzidine  
Concen: 19.82 ng/ul  
RT: 21.39 min Scan# 3112  
Delta R.T. -0.01 min  
Lab File: BM010328.D  
Acq: 31 May 2017 12:56

Tgt Ion:252 Resp: 723320  
Ion Ratio Lower Upper  
252 100  
254 64.7 54.5 81.7  
126 7.8 5.8 8.8





#80

Benzo(a)anthracene

Concen: 20.71 ng/ul

RT: 21.45 min Scan# 3122

Delta R.T. 0.00 min

Lab File: BM010328.D

Acq: 31 May 2017 12:56

Instrument :

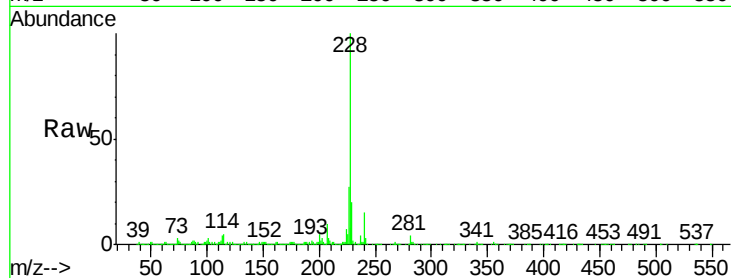
BNA\_M

ClientSampleId :

SSTD02009

Tgt Ion:228 Resp: 2171039

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 229 | 19.9  | 15.4  | 23.0  |
| 226 | 26.8  | 21.4  | 32.0  |

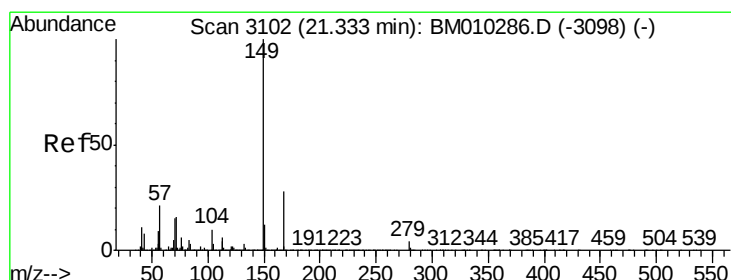
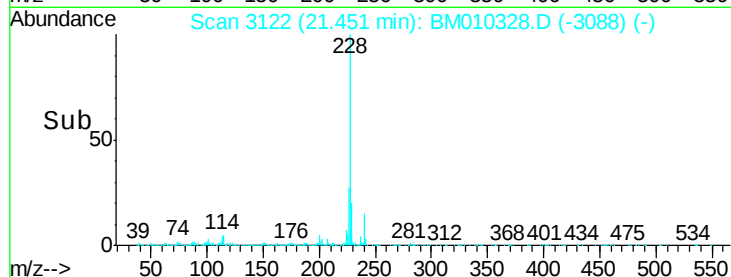
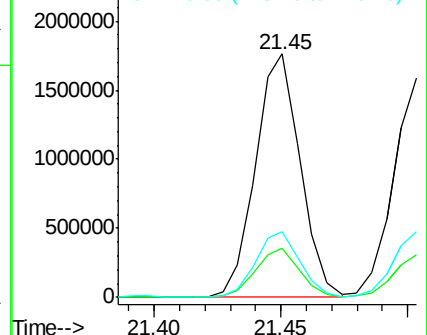


Abundance

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: 21.57 ng/ul

RT: 21.33 min Scan# 3102

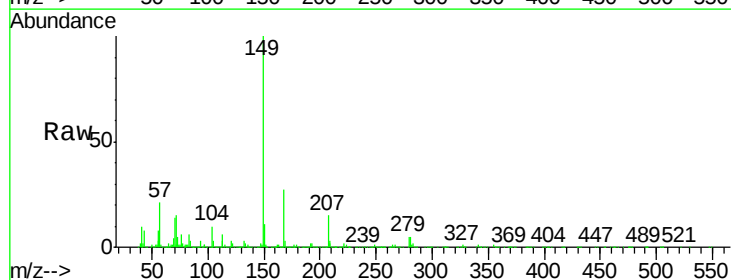
Delta R.T. 0.00 min

Lab File: BM010328.D

Acq: 31 May 2017 12:56

Tgt Ion:149 Resp: 1062797

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 27.0  | 22.8  | 34.2  |
| 279 | 5.4   | 4.9   | 7.3   |

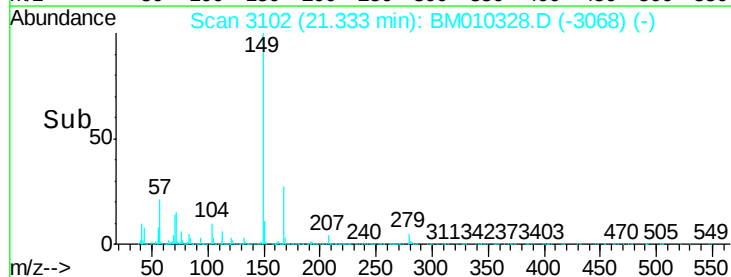
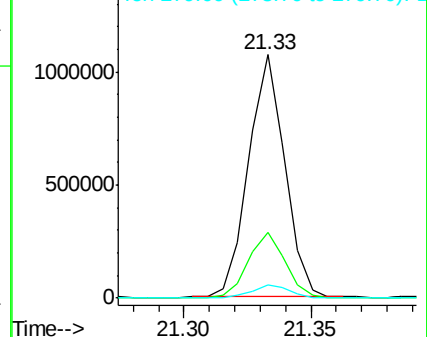


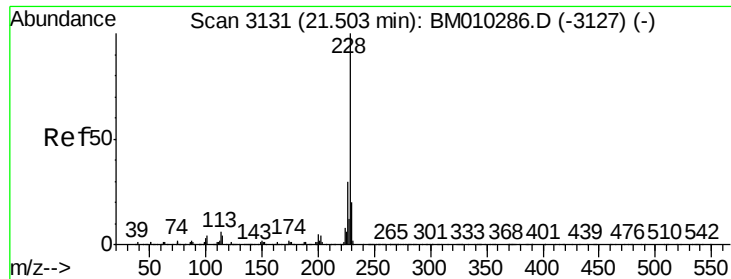
Abundance

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: 20.81 ng/ul

RT: 21.50 min Scan# 3131

Delta R.T. 0.00 min

Lab File: BM010328.D

Acq: 31 May 2017 12:56

Instrument :

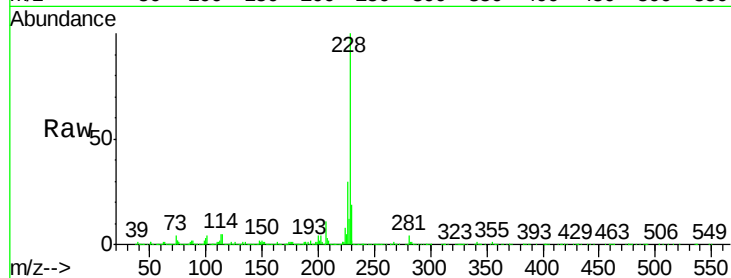
BNA\_M

ClientSampleId :

SSTD02009

Tgt Ion:228 Resp: 1972474

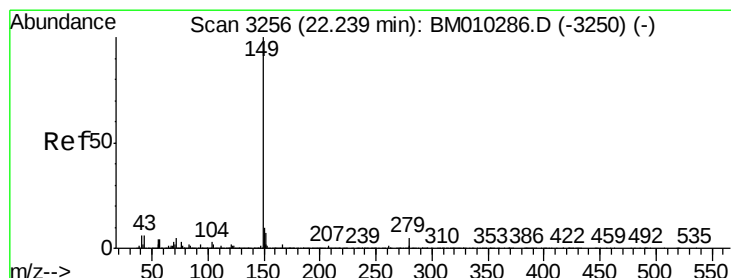
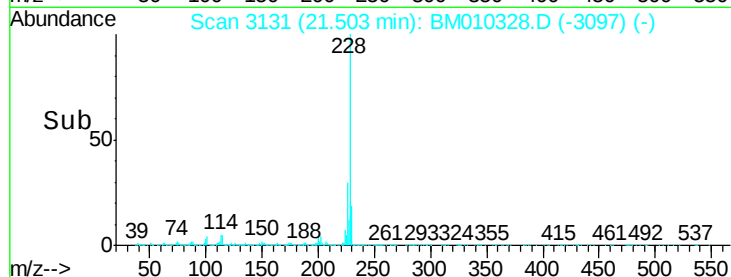
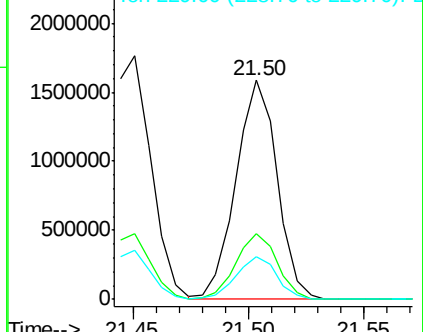
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.9  | 23.4  | 35.2  |
| 229 | 19.3  | 15.5  | 23.3  |



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: 21.73 ng/ul

RT: 22.23 min Scan# 3255

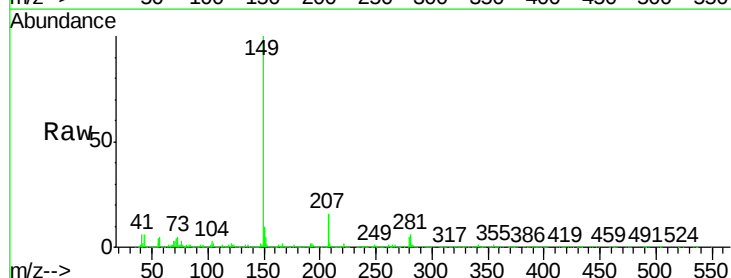
Delta R.T. -0.01 min

Lab File: BM010328.D

Acq: 31 May 2017 12:56

Tgt Ion:149 Resp: 1983215

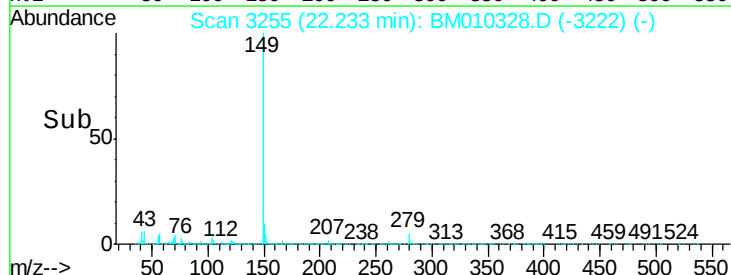
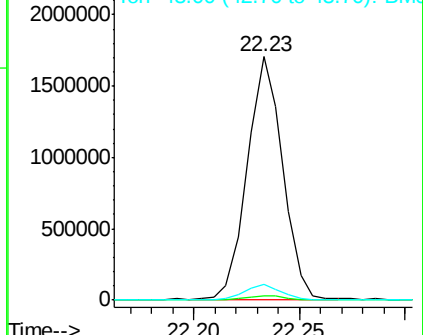
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 1.6   | 1.3   | 1.9   |
| 43  | 6.3   | 7.3   | 10.9  |

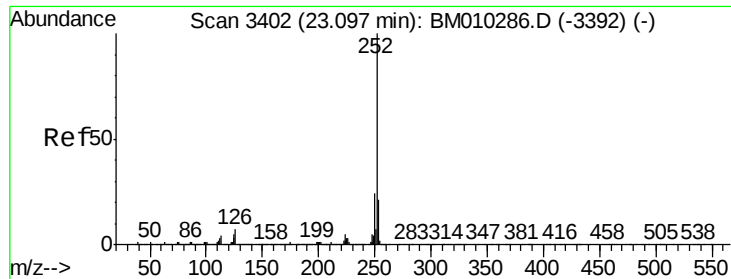


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0

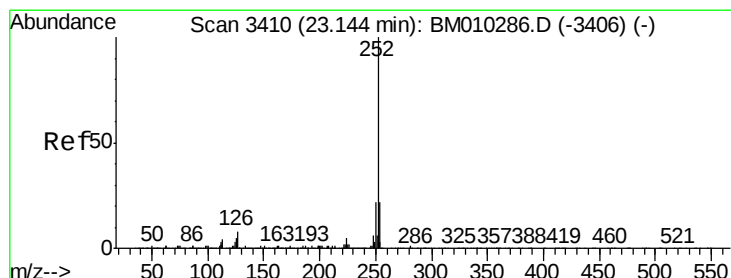
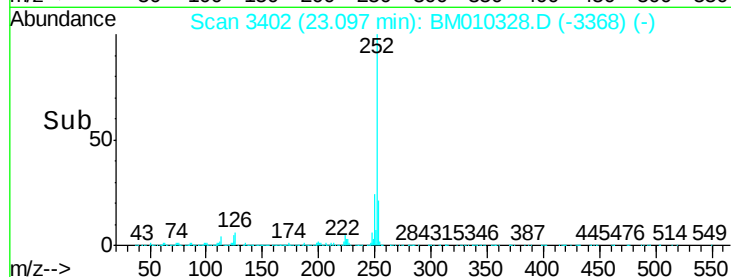
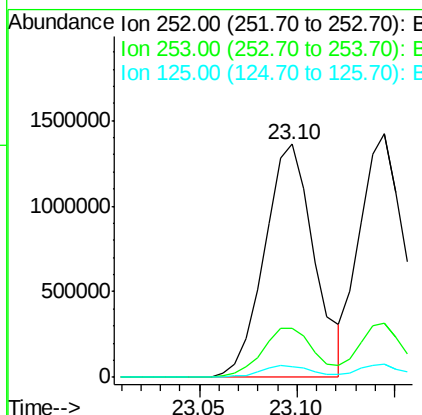
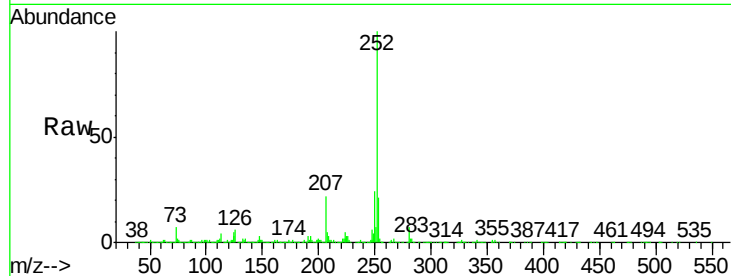




#85  
Benzo(b)fluoranthene  
Concen: 20.78 ng/ul  
RT: 23.10 min Scan# 3402  
Delta R.T. 0.00 min  
Lab File: BM010328.D  
Acq: 31 May 2017 12:56

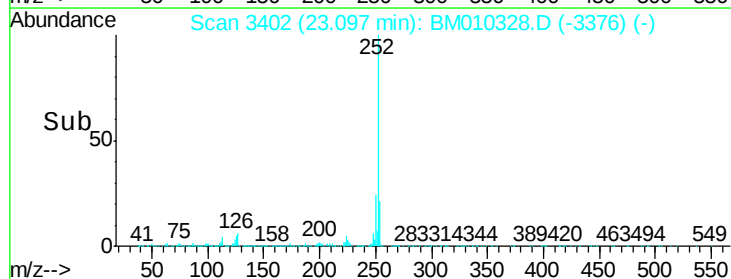
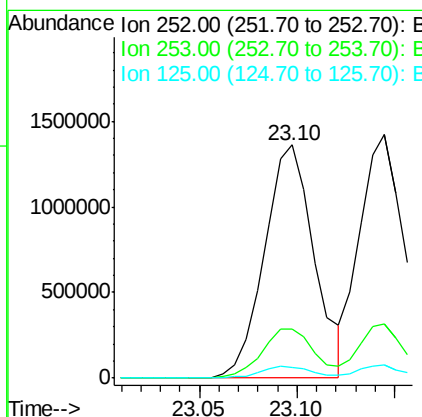
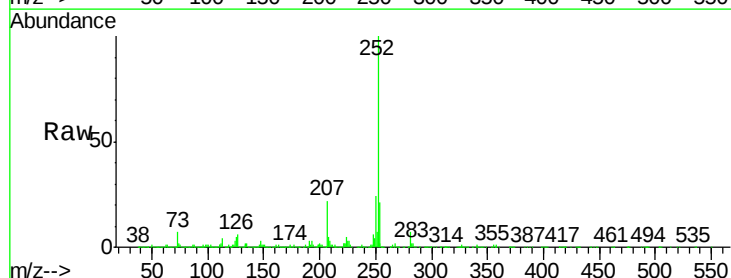
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02009

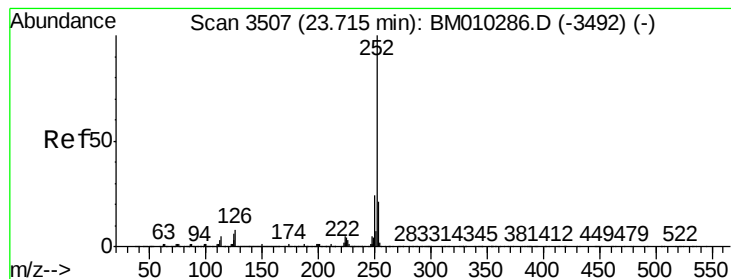
Tgt Ion:252 Resp: 2397690  
Ion Ratio Lower Upper  
252 100  
253 21.3 17.9 26.9  
125 4.7 3.6 5.4



#86  
Benzo(k)fluoranthene  
Concen: 21.75 ng/ul  
RT: 23.10 min Scan# 3402  
Delta R.T. -0.05 min  
Lab File: BM010328.D  
Acq: 31 May 2017 12:56

Tgt Ion:252 Resp: 2397690  
Ion Ratio Lower Upper  
252 100  
253 21.3 17.1 25.7  
125 4.7 3.4 5.2





#88

Benzo(a)pyrene

Concen: 20.17 ng/ul

RT: 23.71 min Scan# 3506

Delta R.T. -0.01 min

Lab File: BM010328.D

Acq: 31 May 2017 12:56

Instrument :

BNA\_M

ClientSampleId :

SSTD02009

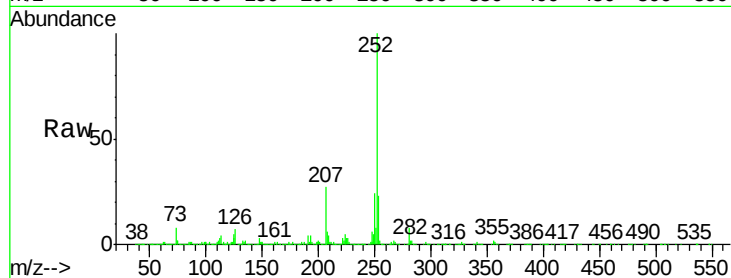
Tgt Ion:252 Resp: 2307810

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.2

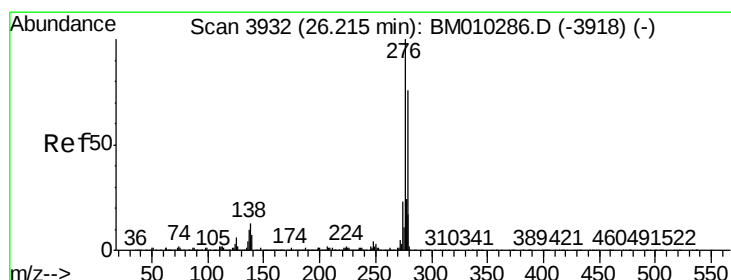
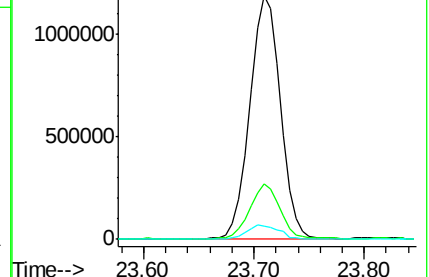
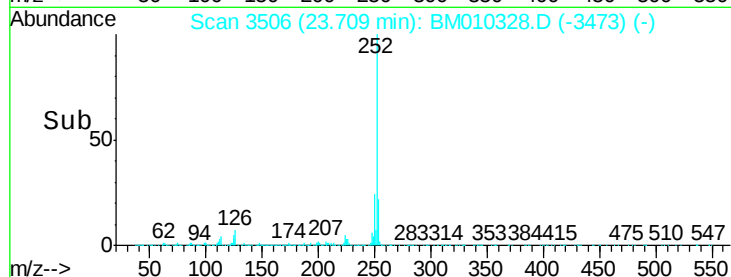
125 5.3 4.0 6.0



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 20.45 ng/ul

RT: 26.21 min Scan# 3931

Delta R.T. -0.01 min

Lab File: BM010328.D

Acq: 31 May 2017 12:56

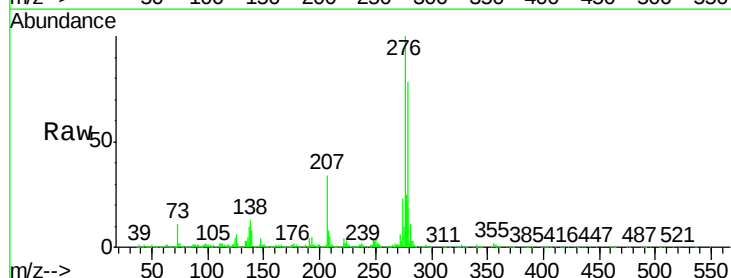
Tgt Ion:276 Resp: 2956222

Ion Ratio Lower Upper

276 100

138 12.9 9.3 13.9

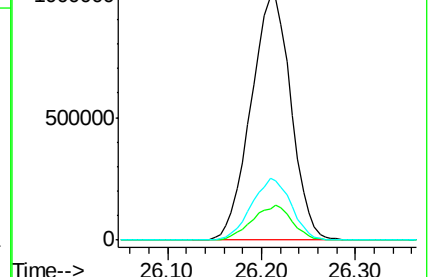
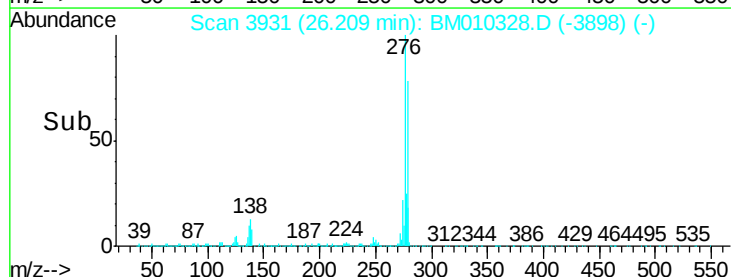
277 25.2 19.9 29.9

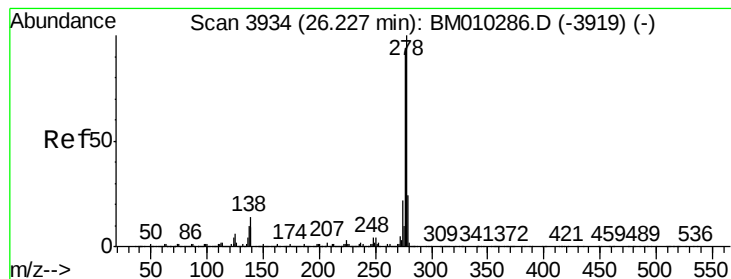


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 20.52 ng/ul

RT: 26.22 min Scan# 3933

Delta R.T. -0.01 min

Lab File: BM010328.D

Acq: 31 May 2017 12:56

Instrument :

BNA\_M

ClientSampleId :

SSTD02009

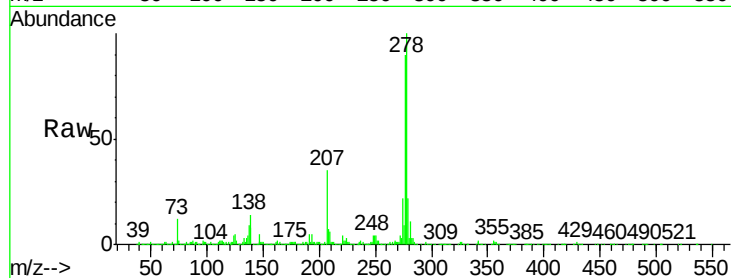
Tgt Ion:278 Resp: 2554072

Ion Ratio Lower Upper

278 100

139 8.2 5.8 8.8

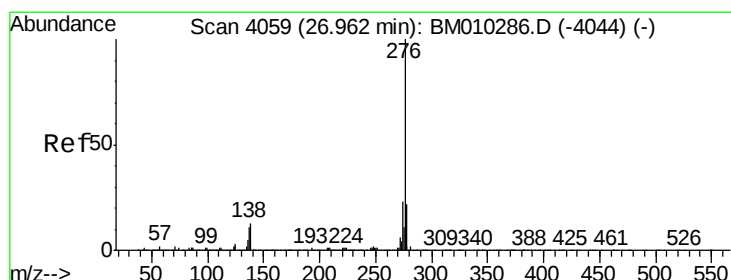
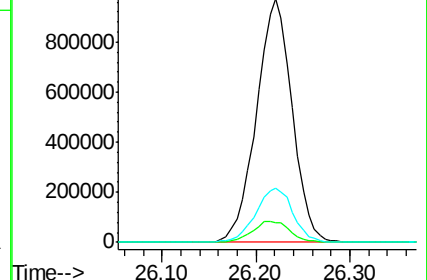
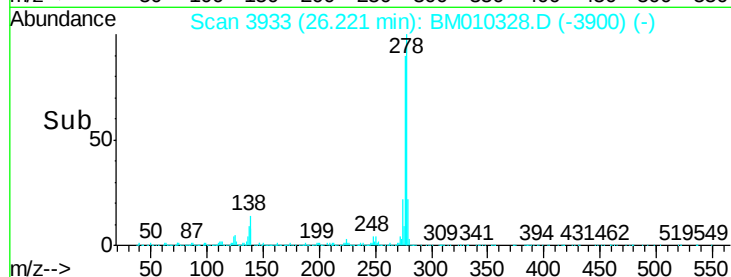
279 22.5 18.6 27.8



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



#91

Benzo(g,h,i)perylene

Concen: 20.50 ng/ul

RT: 26.96 min Scan# 4058

Delta R.T. -0.01 min

Lab File: BM010328.D

Acq: 31 May 2017 12:56

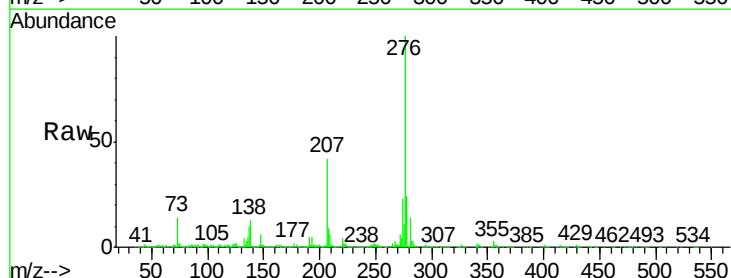
Tgt Ion:276 Resp: 2440458

Ion Ratio Lower Upper

276 100

138 13.2 8.5 12.7#

277 24.4 18.6 28.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

