

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM081116\  
 Data File : BM007032.D  
 Acq On : 11 Aug 2016 21:23  
 Operator : UM/SJ  
 Sample : SSTD16051  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD16051

Quant Time: Aug 12 01:31:36 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM081116.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Aug 12 01:29:35 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.82  | 152  | 205822   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.60 | 136  | 891094   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.44 | 164  | 559640   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.19 | 188  | 1380217  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.37 | 240  | 1556102  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.64 | 264  | 1773515  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |          |        |       |      |
|--------------------------------|-------|-----|----------|--------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.32  | 96  | 268993   | 68.41  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.99  | 99  | 2699539  | 173.46 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.16  | 67  | 1479985  | 148.41 | ng/ul | 0.01 |
| 9) 2-Chlorophenol-d4           | 7.35  | 132 | 2142532  | 175.67 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.53  | 113 | 2235299  | 176.11 | ng/ul | 0.02 |
| 19) Nitrobenzene-d5            | 8.97  | 128 | 1065438  | 172.09 | ng/ul | 0.01 |
| 22) 2-Nitrophenol-d4           | 9.69  | 143 | 1225501  | 169.77 | ng/ul | 0.01 |
| 26) 2,4-Dichlorophenol-d3      | 10.23 | 165 | 2304626  | 155.04 | ng/ul | 0.01 |
| 29) 4-Chloroaniline-d4         | 10.74 | 131 | 2343848  | 147.33 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.87 | 166 | 6772781  | 146.07 | ng/ul | 0.01 |
| 46) Acenaphthylene-d8          | 14.14 | 160 | 8139357  | 143.70 | ng/ul | 0.01 |
| 51) 4-Nitrophenol-d4           | 14.66 | 143 | 1324648  | 132.97 | ng/ul | 0.03 |
| 57) Fluorene-d10               | 15.44 | 176 | 5695836  | 133.82 | ng/ul | 0.01 |
| 62) 4,6-Dinitro-2-methylphenol | 15.57 | 200 | 1359628  | 155.82 | ng/ul | 0.02 |
| 70) Anthracene-d10             | 17.30 | 188 | 8800857  | 133.49 | ng/ul | 0.01 |
| 76) Pyrene-d10                 | 19.59 | 212 | 10086126 | 131.48 | ng/ul | 0.01 |
| 87) Benzo(a)pyrene-d12         | 23.51 | 264 | 11867241 | 138.49 | ng/ul | 0.02 |

## Target Compounds

|                                |       |     |         |        |       | Qvalue |
|--------------------------------|-------|-----|---------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.35  | 88  | 282357  | 65.12  | ng/ul | 96     |
| 4) Benzaldehyde                | 6.96  | 77  | 1216263 | 119.23 | ng/ul | 100    |
| 6) Phenol                      | 7.02  | 94  | 2791035 | 169.68 | ng/ul | 98     |
| 8) Bis(2-Chloroethyl)ether     | 7.25  | 93  | 2011098 | 170.80 | ng/ul | 100    |
| 10) 2-Chlorophenol             | 7.39  | 128 | 2161235 | 174.61 | ng/ul | 98     |
| 11) 2-Methylphenol             | 8.26  | 108 | 2136730 | 168.53 | ng/ul | 100    |
| 12) 2,2'-oxybis(1-Chloropropan | 8.35  | 45  | 2291220 | 99.22  | ng/ul | 99     |
| 14) Acetophenone               | 8.64  | 105 | 3249930 | 148.02 | ng/ul | 97     |
| 15) N-Nitroso-di-n-propylamine | 8.65  | 70  | 1662300 | 153.81 | ng/ul | 98     |
| 16) 4-Methylphenol             | 8.60  | 108 | 2318983 | 167.54 | ng/ul | 100    |
| 17) Hexachloroethane           | 8.89  | 117 | 891537  | 143.90 | ng/ul | 99     |
| 20) Nitrobenzene               | 9.02  | 77  | 2624728 | 140.18 | ng/ul | 99     |
| 21) Isophorone                 | 9.55  | 82  | 4825615 | 157.88 | ng/ul | 99     |
| 23) 2-Nitrophenol              | 9.73  | 139 | 1291951 | 168.89 | ng/ul | 97     |
| 24) 2,4-Dimethylphenol         | 9.79  | 107 | 2680625 | 144.84 | ng/ul | 99     |
| 25) Bis(2-Chloroethoxy)methane | 10.03 | 93  | 2811603 | 166.69 | ng/ul | 98     |
| 27) 2,4-Dichlorophenol         | 10.26 | 162 | 2264318 | 160.23 | ng/ul | 99     |
| 28) Naphthalene                | 10.66 | 128 | 6531281 | 147.34 | ng/ul | 99     |
| 30) 4-Chloroaniline            | 10.77 | 127 | 2402369 | 147.32 | ng/ul | 97     |
| 31) Hexachlorobutadiene        | 10.94 | 225 | 1590914 | 123.40 | ng/ul | 98     |
| 32) Caprolactam                | 11.57 | 113 | 438507  | 104.30 | ng/ul | 96     |
| 33) 4-Chloro-3-methylphenol    | 11.90 | 107 | 2495045 | 156.14 | ng/ul | 97     |
| 34) 2-Methylnaphthalene        | 12.27 | 142 | 4993954 | 141.03 | ng/ul | 98     |

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM081116\  
 Data File : BM007032.D  
 Acq On : 11 Aug 2016 21:23  
 Operator : UM/SJ  
 Sample : SSTD16051  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

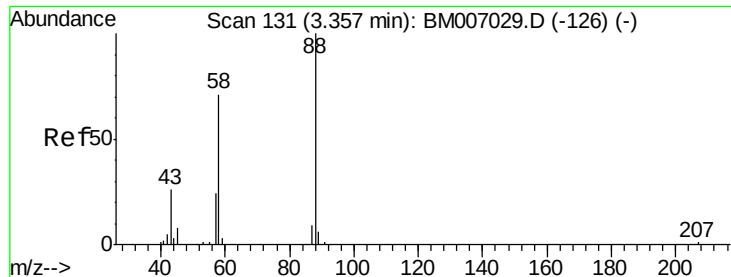
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD16051

Quant Time: Aug 12 01:31:36 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM081116.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Aug 12 01:29:35 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.63 | 216  | 2888153  | 132.61 | ng/ul  | 98       |
| 37) Hexachlorocyclopentadiene  | 12.62 | 237  | 2016990  | 158.19 | ng/ul  | 99       |
| 38) 2,4,6-Trichlorophenol      | 12.87 | 196  | 2039579  | 152.31 | ng/ul  | 99       |
| 39) 2,4,5-Trichlorophenol      | 12.95 | 196  | 2113650  | 163.41 | ng/ul  | 99       |
| 40) 1,1'-Biphenyl              | 13.29 | 154  | 6431140  | 140.19 | ng/ul  | 97       |
| 41) 2-Chloronaphthalene        | 13.33 | 162  | 5130089  | 142.77 | ng/ul  | 99       |
| 42) 2-Nitroaniline             | 13.53 | 65   | 1724635  | 137.70 | ng/ul  | 99       |
| 44) Dimethylphthalate          | 13.92 | 163  | 6621180  | 144.21 | ng/ul  | 99       |
| 45) 2,6-Dinitrotoluene         | 14.03 | 165  | 1526346  | 169.81 | ng/ul  | 95       |
| 47) Acenaphthylene             | 14.17 | 152  | 8076635  | 140.40 | ng/ul  | 98       |
| 48) 3-Nitroaniline             | 14.36 | 138  | 1283764  | 161.61 | ng/ul  | 98       |
| 49) Acenaphthene               | 14.52 | 153  | 5372040  | 143.34 | ng/ul  | 99       |
| 50) 2,4-Dinitrophenol          | 14.56 | 184  | 1040081  | 190.94 | ng/ul# | 87       |
| 52) 4-Nitrophenol              | 14.68 | 109  | 1354526  | 106.02 | ng/ul  | 91       |
| 53) Dibenzofuran               | 14.85 | 168  | 7666401  | 132.83 | ng/ul  | 94       |
| 54) 2,4-Dinitrotoluene         | 14.82 | 165  | 2189992  | 155.50 | ng/ul  | 100      |
| 55) 2,3,4,6-Tetrachlorophenol  | 15.07 | 232  | 2031176  | 147.85 | ng/ul  | 95       |
| 56) Diethylphthalate           | 15.29 | 149  | 6801861  | 142.28 | ng/ul  | 100      |
| 58) Fluorene                   | 15.50 | 166  | 5766970  | 119.92 | ng/ul  | 98       |
| 59) 4-Chlorophenyl-phenylether | 15.49 | 204  | 3026037  | 112.85 | ng/ul  | 93       |
| 60) 4-Nitroaniline             | 15.54 | 138  | 1615678  | 190.63 | ng/ul  | 93       |
| 63) 4,6-Dinitro-2-methylphenol | 15.59 | 198  | 1435438  | 157.63 | ng/ul  | 99       |
| 64) N-Nitrosodiphenylamine     | 15.71 | 169  | 5571575  | 140.84 | ng/ul  | 99       |
| 65) 4-Bromophenyl-phenylether  | 16.39 | 248  | 2322247  | 139.29 | ng/ul  | 97       |
| 66) Hexachlorobenzene          | 16.50 | 284  | 2539195  | 139.94 | ng/ul  | 95       |
| 67) Atrazine                   | 16.67 | 200  | 2350743  | 139.43 | ng/ul  | 98       |
| 68) Pentachlorophenol          | 16.84 | 266  | 1780868  | 171.19 | ng/ul  | 99       |
| 69) Phenanthrene               | 17.24 | 178  | 10137926 | 133.51 | ng/ul  | 97       |
| 71) Anthracene                 | 17.33 | 178  | 10095948 | 129.09 | ng/ul  | 96       |
| 72) Carbazole                  | 17.60 | 167  | 9356248  | 137.37 | ng/ul  | 97       |
| 73) Di-n-butylphthalate        | 18.16 | 149  | 10953971 | 146.56 | ng/ul  | 98       |
| 74) Fluoranthene               | 19.25 | 202  | 12158216 | 124.51 | ng/ul  | 100      |
| 77) Pyrene                     | 19.62 | 202  | 12004054 | 121.39 | ng/ul  | 99       |
| 78) Butylbenzylphthalate       | 20.52 | 149  | 5427750  | 155.15 | ng/ul  | 98       |
| 79) 3,3'-Dichlorobenzidine     | 21.29 | 252  | 3663731  | 123.75 | ng/ul  | 99       |
| 80) Benzo(a)anthracene         | 21.36 | 228  | 12545094 | 132.98 | ng/ul  | 94       |
| 81) Bis(2-ethylhexyl)phthalate | 21.29 | 149  | 6827674  | 139.79 | ng/ul  | 99       |
| 82) Chrysene                   | 21.41 | 228  | 11315428 | 135.54 | ng/ul  | 93       |
| 84) Di-n-octyl phthalate       | 22.19 | 149  | 12764277 | 117.41 | ng/ul# | 98       |
| 85) Benzo(b)fluoranthene       | 22.97 | 252  | 14761682 | 131.81 | ng/ul  | 97       |
| 86) Benzo(k)fluoranthene       | 23.01 | 252  | 12973415 | 120.88 | ng/ul  | 97       |
| 88) Benzo(a)pyrene             | 23.56 | 252  | 13706505 | 129.55 | ng/ul  | 98       |
| 89) Indeno(1,2,3-cd)pyrene     | 25.97 | 276  | 17361793 | 137.40 | ng/ul  | 99       |
| 90) Dibenzo(a,h)anthracene     | 25.99 | 278  | 13726402 | 126.57 | ng/ul  | 99       |
| 91) Benzo(g,h,i)perylene       | 26.69 | 276  | 15432949 | 150.54 | ng/ul  | 98       |

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





#2

1,4-Dioxane

Concen: 65.12 ng/uL

RT: 3.35 min Scan# 130

Delta R.T. -0.01 min

Lab File: BM007032.D

Acq: 11 Aug 2016 21:23

Instrument :

BNA\_M

ClientSampled :

SSTD16051

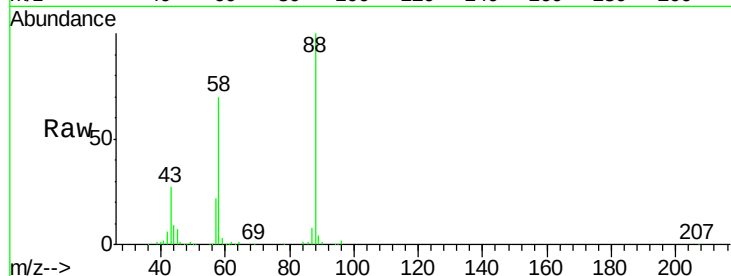
Tgt Ion: 88 Resp: 282357

Ion Ratio Lower Upper

88 100

43 26.0 22.6 34.0

58 67.9 57.3 85.9

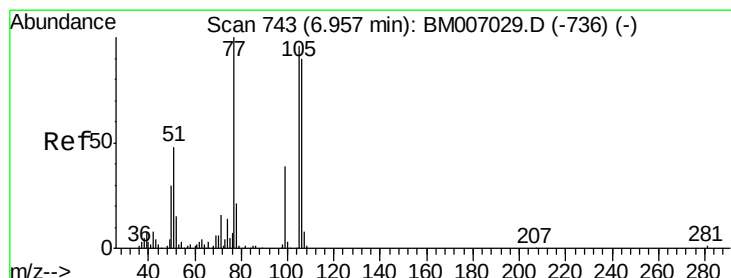
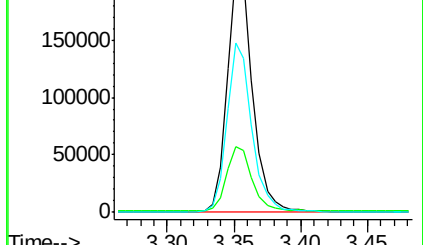
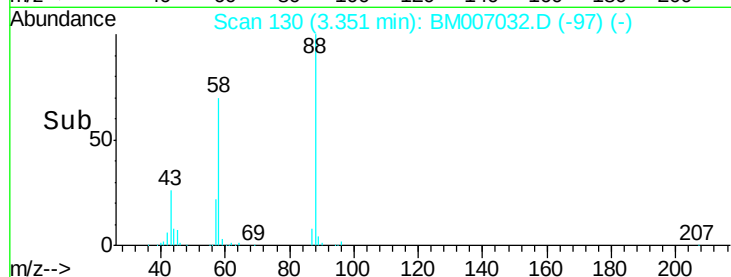


Abundance Ion 88.00 (87.70 to 88.70): BM007029.D (-126) (-)

Ion 43.00 (42.70 to 43.70): BM007029.D (-126) (-)

Ion 58.00 (57.70 to 58.70): BM007029.D (-126) (-)

Time-->



#4

Benzaldehyde

Concen: 119.23 ng/uL

RT: 6.96 min Scan# 744

Delta R.T. 0.01 min

Lab File: BM007032.D

Acq: 11 Aug 2016 21:23

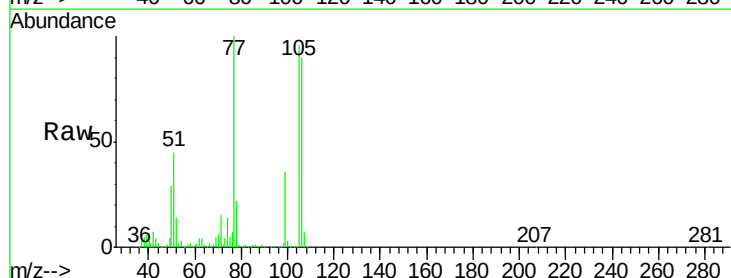
Tgt Ion: 77 Resp: 1216263

Ion Ratio Lower Upper

77 100

105 96.1 76.9 115.3

106 89.7 71.8 107.8

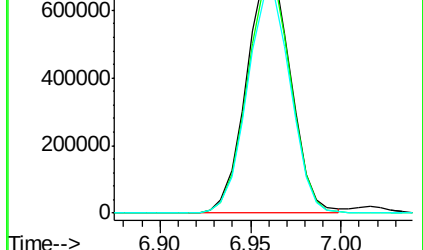
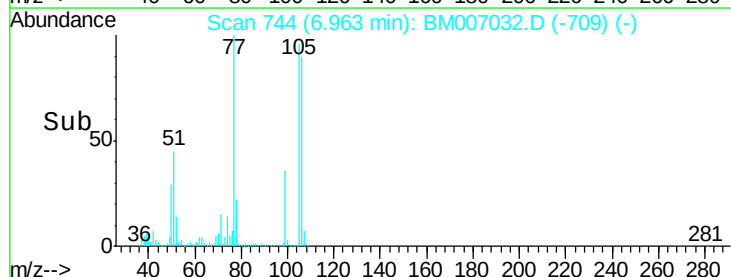


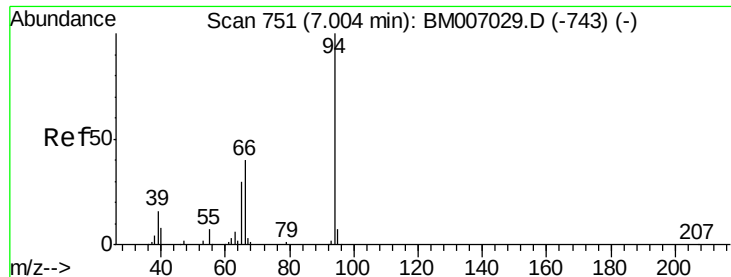
Abundance Ion 77.00 (76.70 to 77.70): BM007029.D (-736) (-)

Ion 105.00 (104.70 to 105.70): BM007029.D (-736) (-)

Ion 106.00 (105.70 to 106.70): BM007029.D (-736) (-)

Time-->





#6

Phenol

Concen: 169.68 ng/ul

RT: 7.02 min Scan# 753

Delta R.T. 0.01 min

Lab File: BM007032.D

Acq: 11 Aug 2016 21:23

Instrument :

BNA\_M

ClientSampleId :

SSTD16051

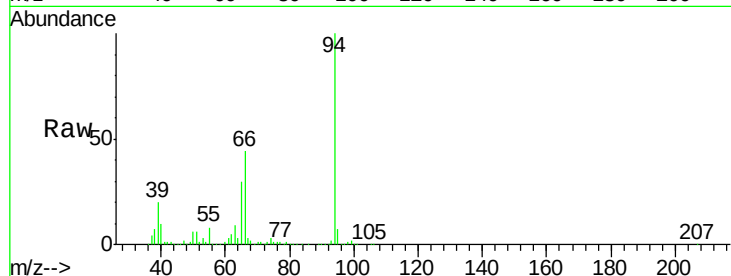
Tgt Ion: 94 Resp: 2791035

Ion Ratio Lower Upper

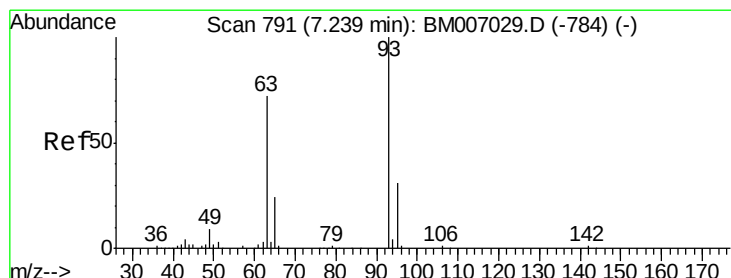
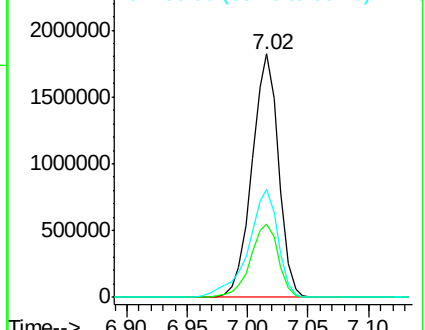
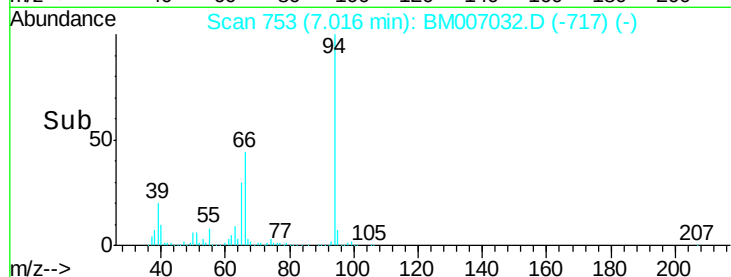
94 100

65 30.2 23.9 35.9

66 44.3 33.5 50.3



Abundance Ion 94.00 (93.70 to 94.70): BM007032.D (-717) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 170.80 ng/ul

RT: 7.25 min Scan# 793

Delta R.T. 0.01 min

Lab File: BM007032.D

Acq: 11 Aug 2016 21:23

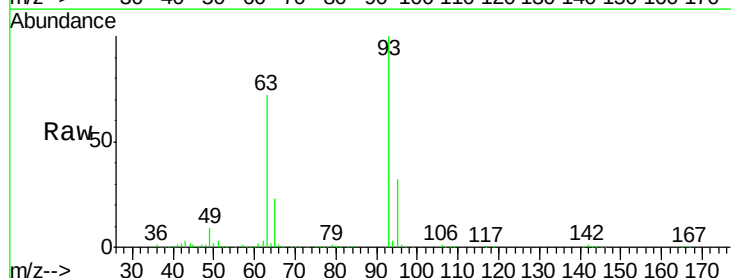
Tgt Ion: 93 Resp: 2011098

Ion Ratio Lower Upper

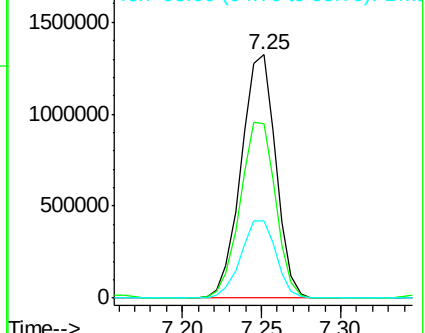
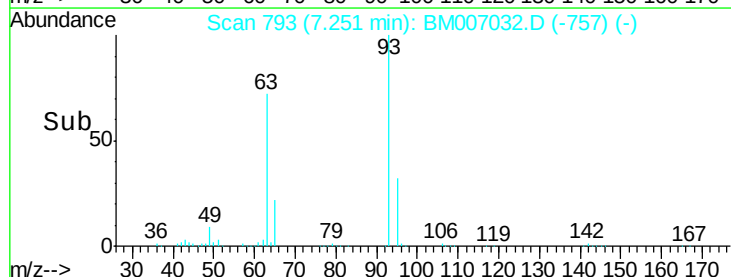
93 100

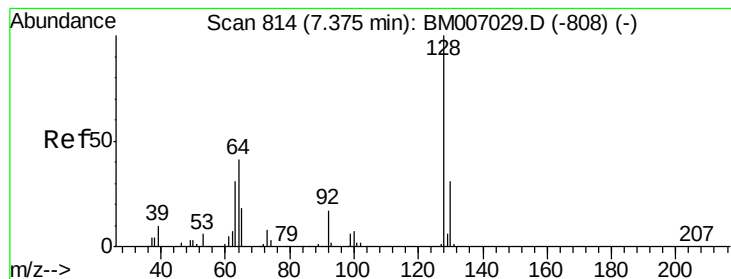
63 71.9 57.3 85.9

95 31.8 25.1 37.7



Abundance Ion 93.00 (92.70 to 93.70): BM007032.D (-757) (-)





#10

2-Chlorophenol

Concen: 174.61 ng/ul

RT: 7.39 min Scan# 816

Delta R.T. 0.01 min

Lab File: BM007032.D

Acq: 11 Aug 2016 21:23

Instrument :

BNA\_M

ClientSampleId :

SSTD16051

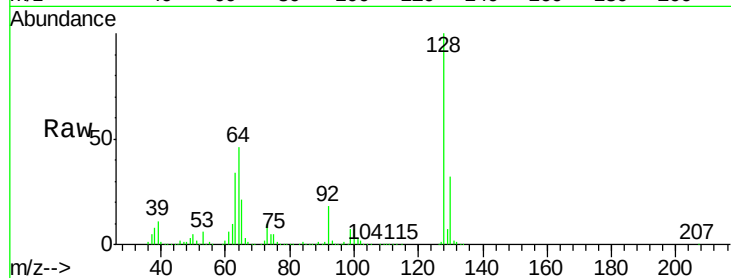
Tgt Ion:128 Resp: 2161235

Ion Ratio Lower Upper

128 100

64 46.2 37.5 56.3

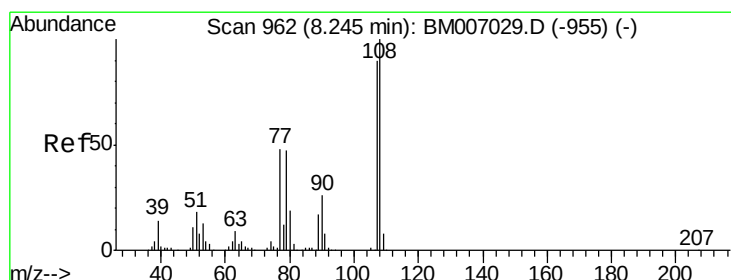
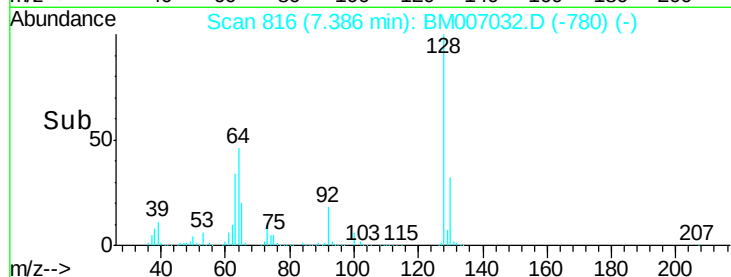
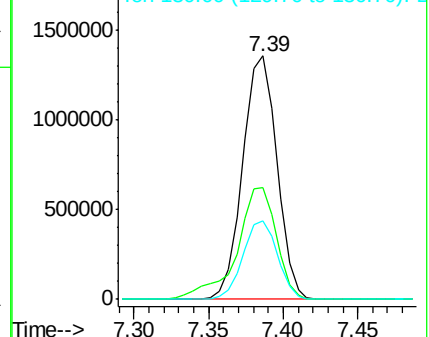
130 32.4 25.0 37.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 168.53 ng/ul

RT: 8.26 min Scan# 964

Delta R.T. 0.01 min

Lab File: BM007032.D

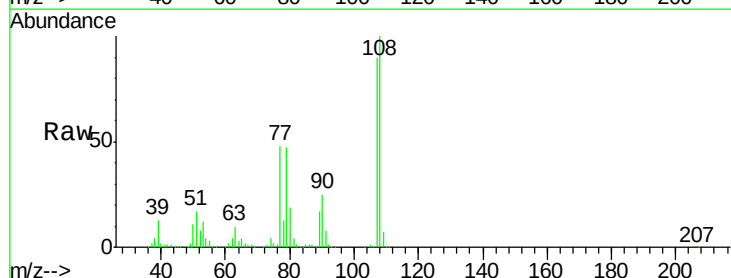
Acq: 11 Aug 2016 21:23

Tgt Ion:108 Resp: 2136730

Ion Ratio Lower Upper

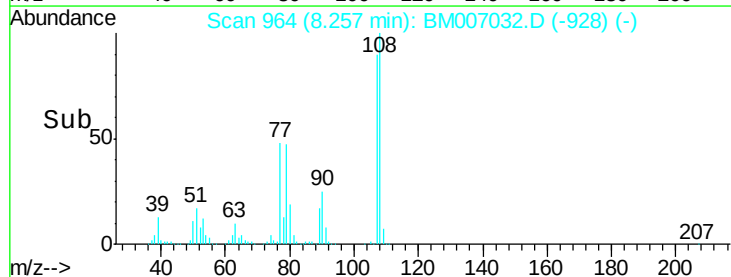
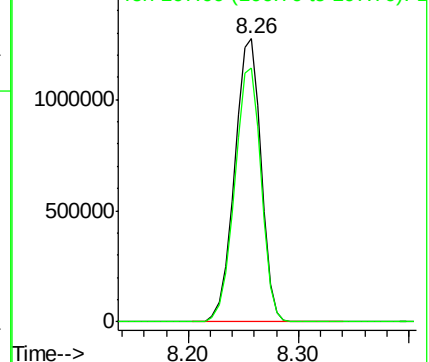
108 100

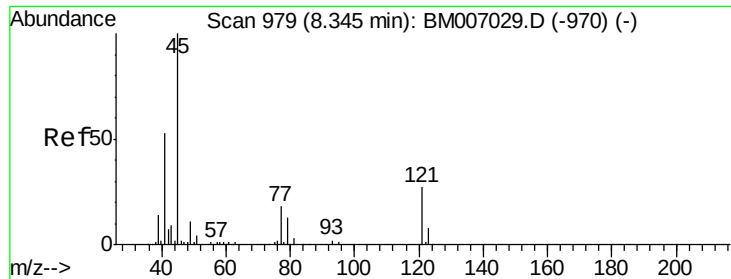
107 89.5 71.8 107.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

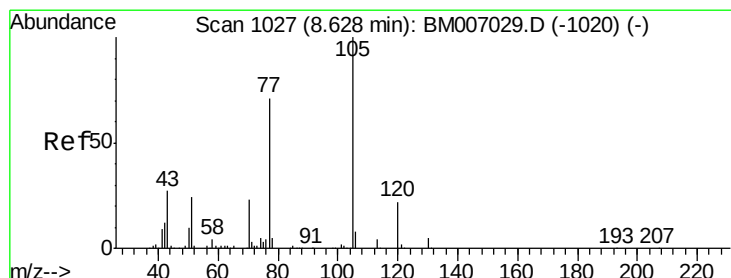
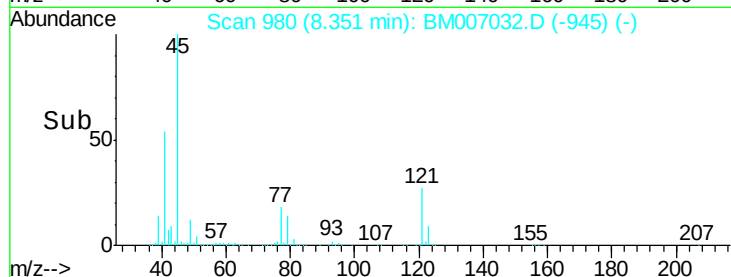
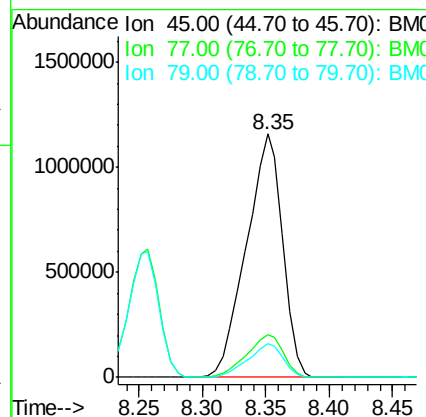
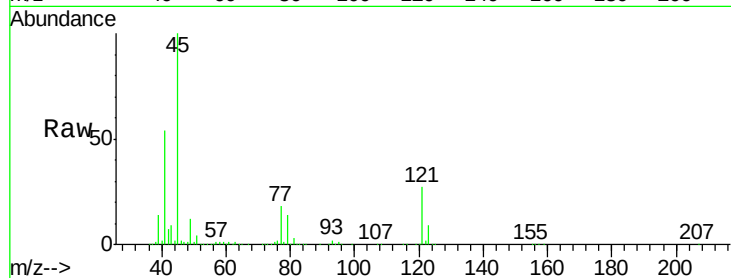




#12  
 2,2'-oxybis(1-Chloropropane)  
 Concen: 99.22 ng/ul  
 RT: 8.35 min Scan# 980  
 Delta R.T. 0.01 min  
 Lab File: BM007032.D  
 Acq: 11 Aug 2016 21:23

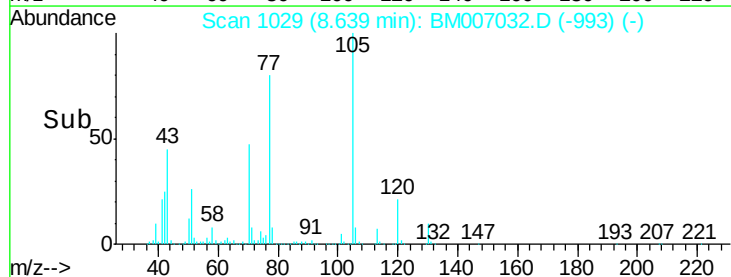
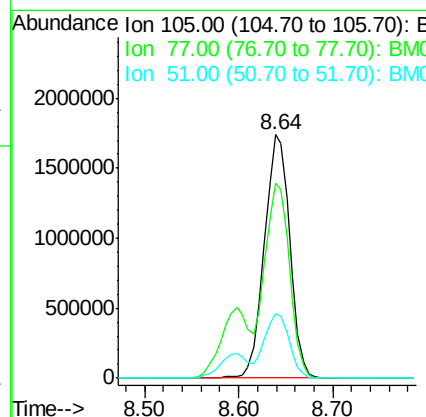
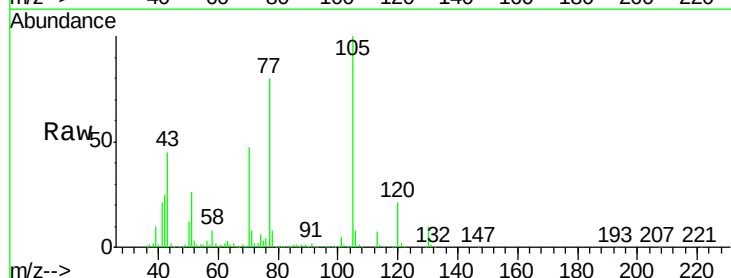
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD16051

Tgt Ion: 45 Resp: 2291220  
 Ion Ratio Lower Upper  
 45 100  
 77 17.7 14.1 21.1  
 79 13.8 10.4 15.6

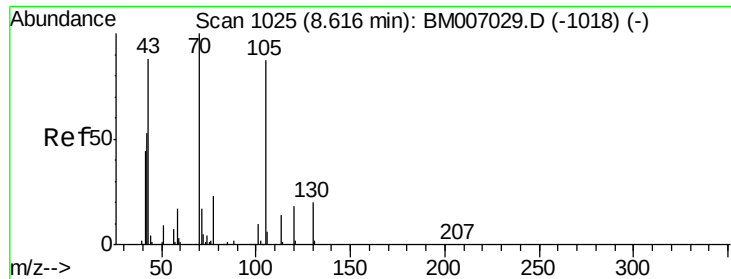


#14  
 Acetophenone  
 Concen: 148.02 ng/ul  
 RT: 8.64 min Scan# 1029  
 Delta R.T. 0.01 min  
 Lab File: BM007032.D  
 Acq: 11 Aug 2016 21:23

Tgt Ion: 105 Resp: 3249930  
 Ion Ratio Lower Upper  
 105 100  
 77 80.1 65.9 98.9  
 51 26.3 22.2 33.2



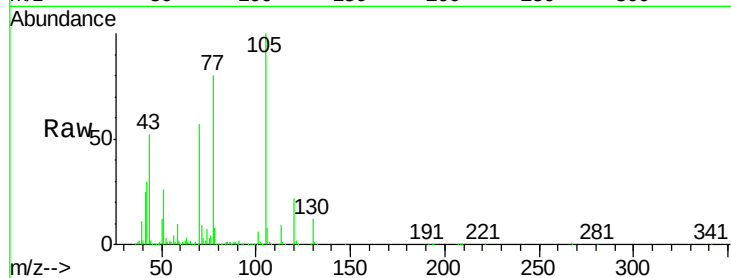




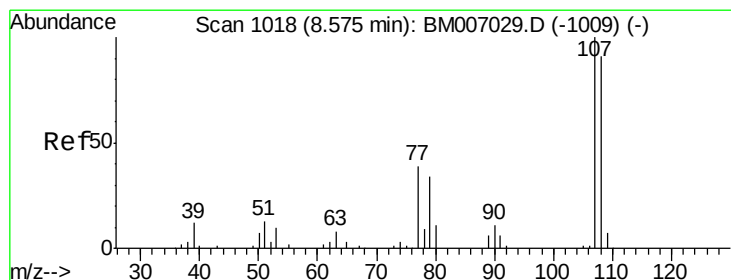
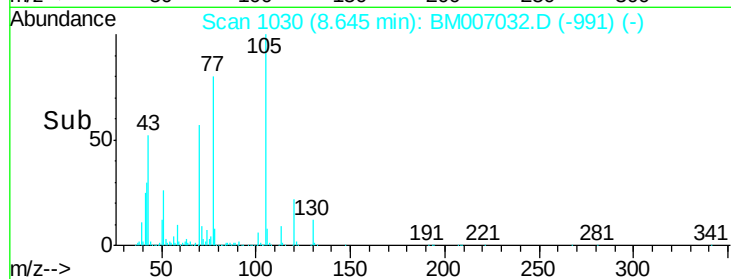
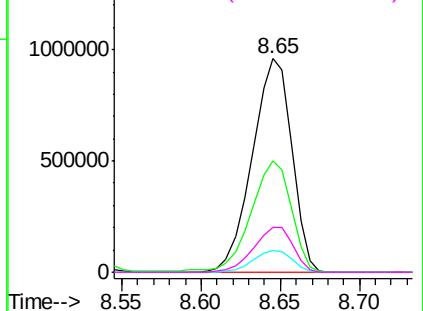
#15  
N-Nitroso-di-n-propylamine  
Concen: 153.81 ng/ul  
RT: 8.65 min Scan# 1030  
Delta R.T. 0.03 min  
Lab File: BM007032.D  
Acq: 11 Aug 2016 21:23

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD16051

Tgt Ion: 70 Resp: 1662300  
Ion Ratio Lower Upper  
70 100  
42 52.1 43.4 65.2  
101 10.0 7.8 11.6  
130 20.8 16.2 24.4

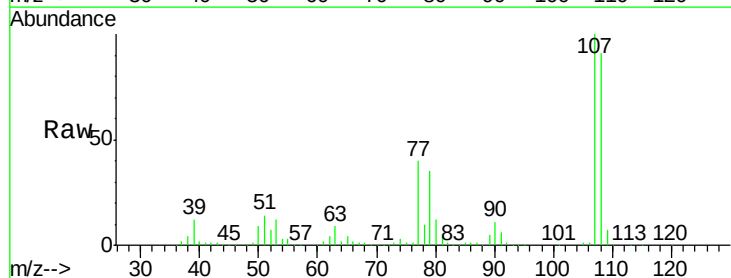


Abundance Ion 70.00 (69.70 to 70.70): BM007032.D (-991) (-)  
Ion 42.00 (41.70 to 42.70): BM007032.D (-991) (-)  
Ion 101.00 (100.70 to 101.70): BM007032.D (-991) (-)  
Ion 130.00 (129.70 to 130.70): BM007032.D (-991) (-)

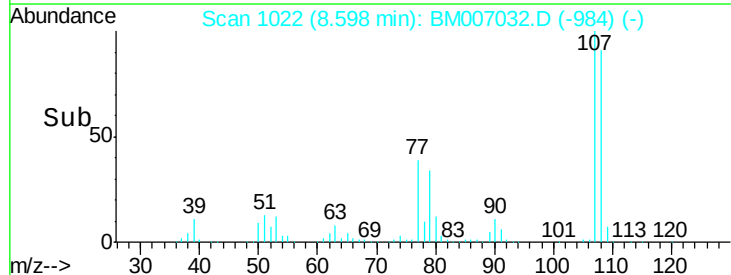
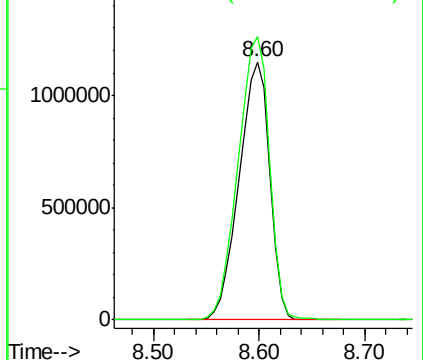


#16  
4-Methylphenol  
Concen: 167.54 ng/ul  
RT: 8.60 min Scan# 1022  
Delta R.T. 0.02 min  
Lab File: BM007032.D  
Acq: 11 Aug 2016 21:23

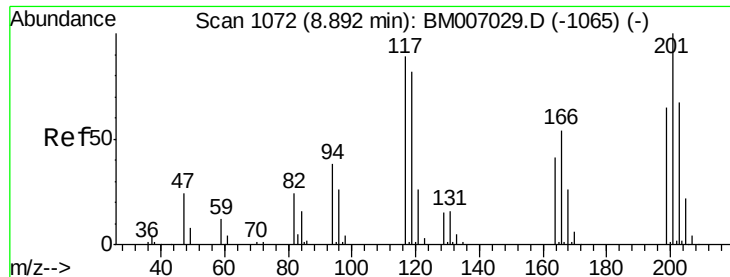
Tgt Ion: 108 Resp: 2318983  
Ion Ratio Lower Upper  
108 100  
107 109.7 87.8 131.8



Abundance Ion 108.00 (107.70 to 108.70): BM007032.D (-984) (-)  
Ion 107.00 (106.70 to 107.70): BM007032.D (-984) (-)



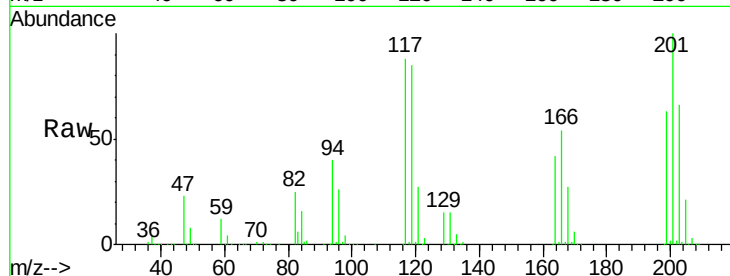




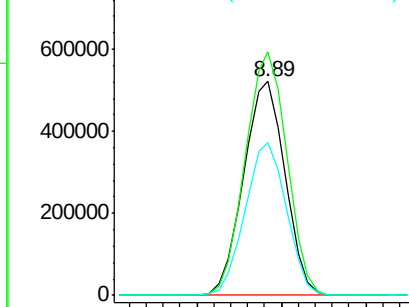
#17  
Hexachloroethane  
Concen: 143.90 ng/ul  
RT: 8.89 min Scan# 1072  
Delta R.T. -0.00 min  
Lab File: BM007032.D  
Acq: 11 Aug 2016 21:23

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD16051

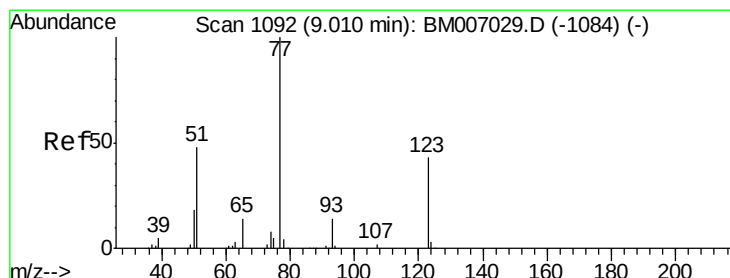
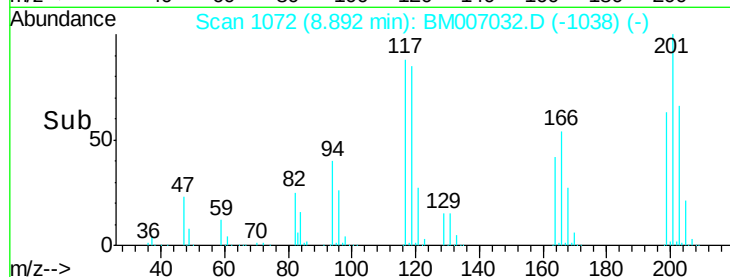
Tgt Ion:117 Resp: 891537  
Ion Ratio Lower Upper  
117 100  
201 114.0 90.3 135.5  
199 71.4 58.5 87.7



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

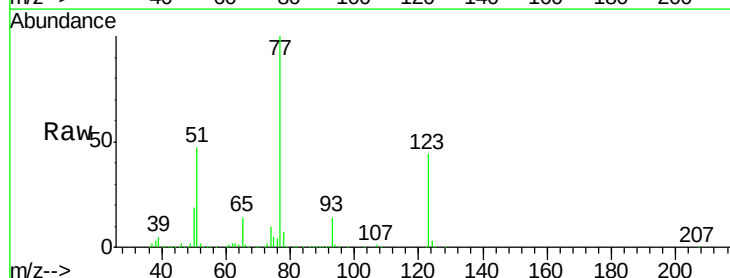


Time-->

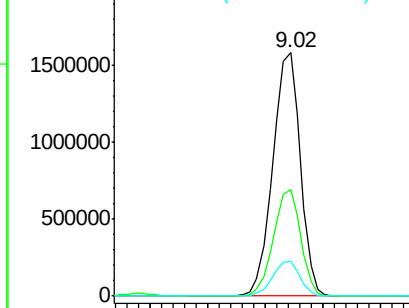


#20  
Nitrobenzene  
Concen: 140.18 ng/ul  
RT: 9.02 min Scan# 1094  
Delta R.T. 0.01 min  
Lab File: BM007032.D  
Acq: 11 Aug 2016 21:23

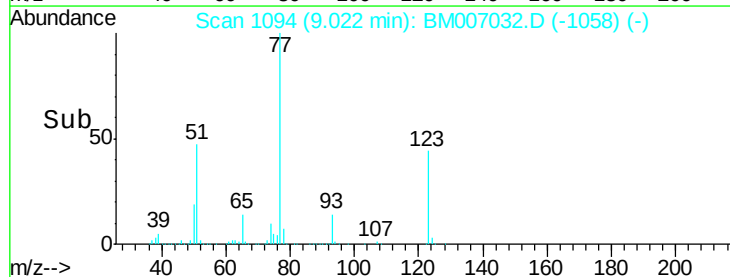
Tgt Ion: 77 Resp: 2624728  
Ion Ratio Lower Upper  
77 100  
123 43.7 34.2 51.4  
65 14.3 11.0 16.6

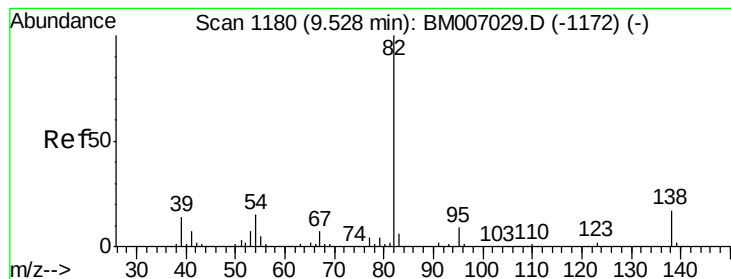


Abundance Ion 77.00 (76.70 to 77.70): BM  
Ion 123.00 (122.70 to 123.70): E  
Ion 65.00 (64.70 to 65.70): BM



Time-->





#21

Isophorone

Concen: 157.88 ng/ul

RT: 9.55 min Scan# 1184

Delta R.T. 0.02 min

Lab File: BM007032.D

Acq: 11 Aug 2016 21:23

Instrument :

BNA\_M

ClientSampleId :

SSTD16051

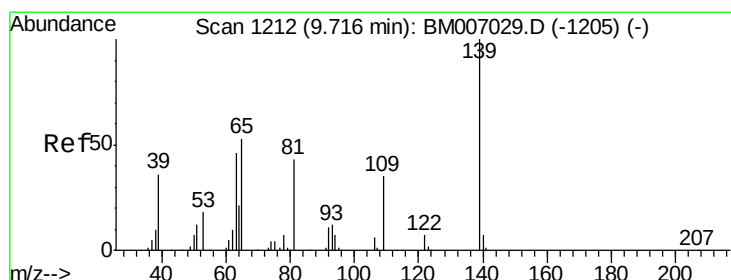
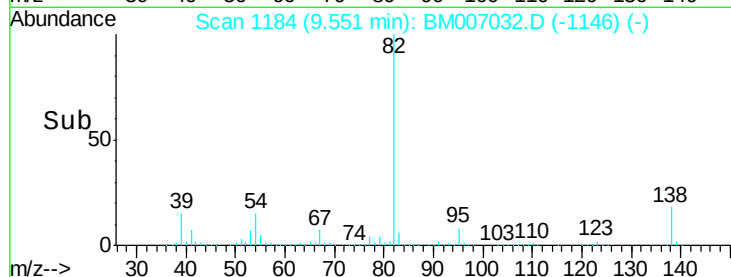
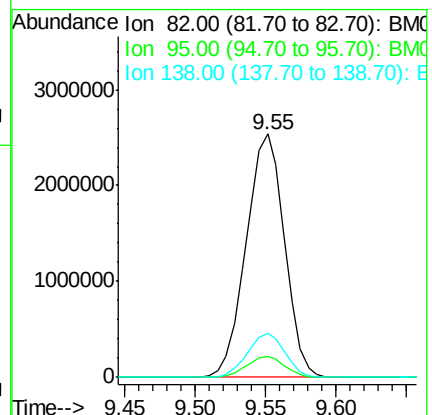
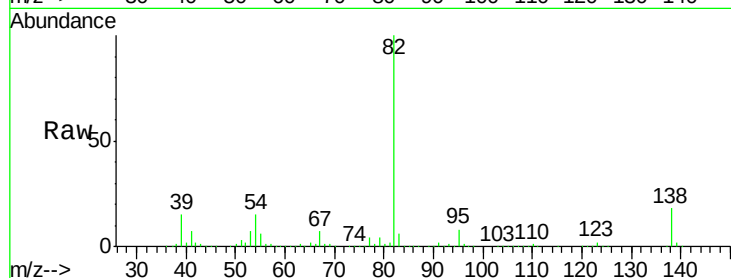
Tgt Ion: 82 Resp: 4825615

Ion Ratio Lower Upper

82 100

95 8.5 6.9 10.3

138 17.8 13.8 20.8



#23

2-Nitrophenol

Concen: 168.89 ng/ul

RT: 9.73 min Scan# 1214

Delta R.T. 0.01 min

Lab File: BM007032.D

Acq: 11 Aug 2016 21:23

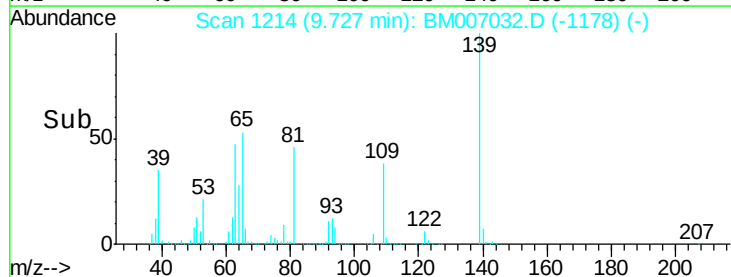
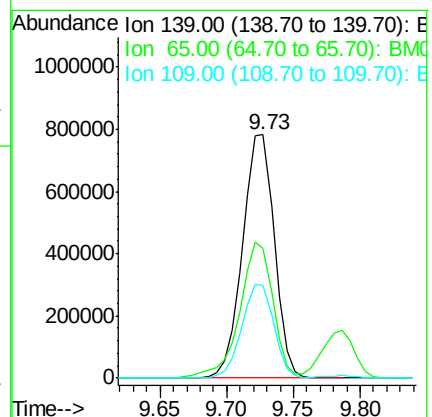
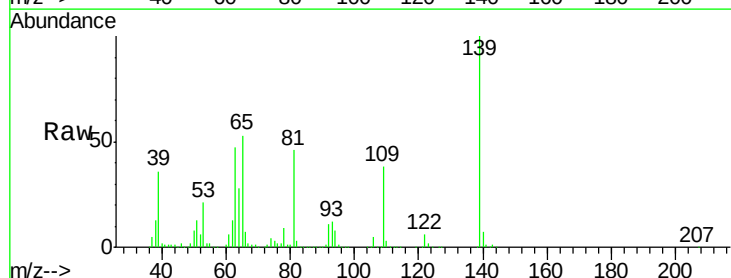
Tgt Ion: 139 Resp: 1291951

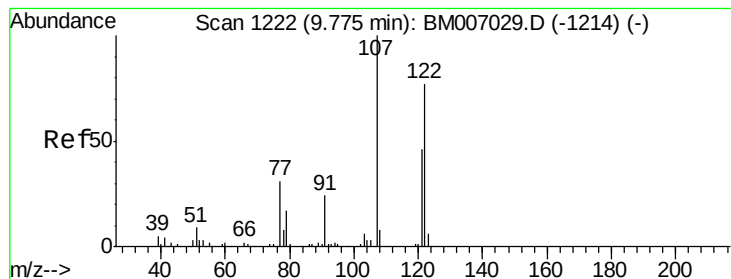
Ion Ratio Lower Upper

139 100

65 53.4 44.2 66.4

109 37.9 28.2 42.4





#24

2,4-Dimethylphenol

Concen: 144.84 ng/ul

RT: 9.79 min Scan# 1224

Delta R.T. 0.01 min

Lab File: BM007032.D

Acq: 11 Aug 2016 21:23

Instrument :

BNA\_M

ClientSampleId :

SSTD16051

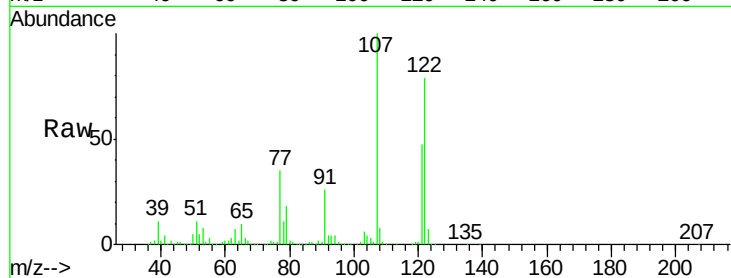
Tgt Ion: 107 Resp: 2680625

Ion Ratio Lower Upper

107 100

121 47.4 37.1 55.7

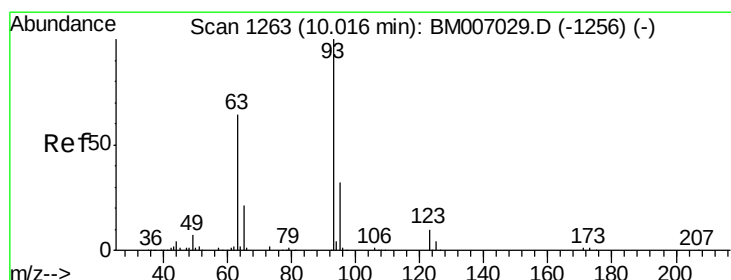
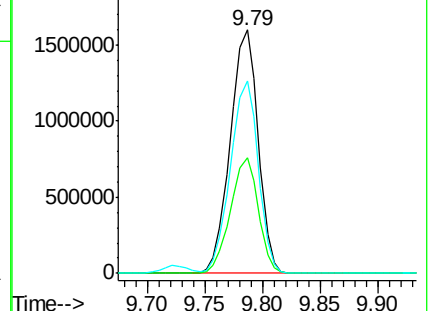
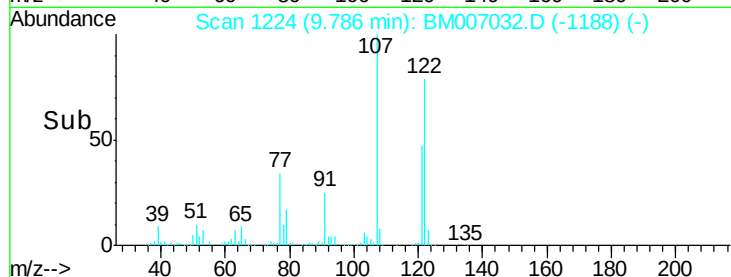
122 79.1 62.8 94.2



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 166.69 ng/ul

RT: 10.03 min Scan# 1265

Delta R.T. 0.01 min

Lab File: BM007032.D

Acq: 11 Aug 2016 21:23

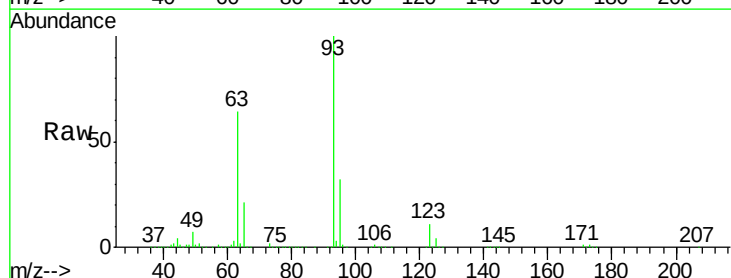
Tgt Ion: 93 Resp: 2811603

Ion Ratio Lower Upper

93 100

95 32.5 25.4 38.0

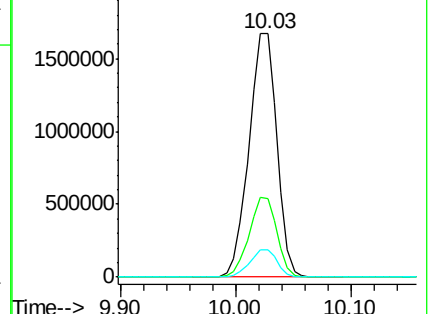
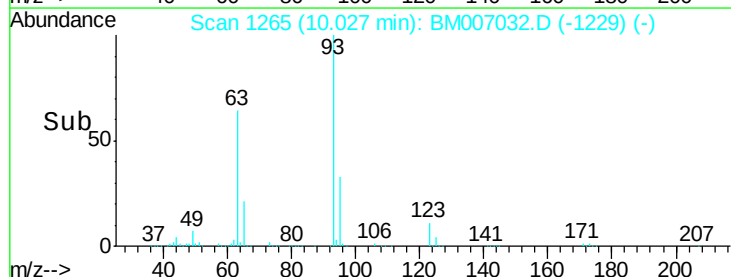
123 11.1 8.3 12.5

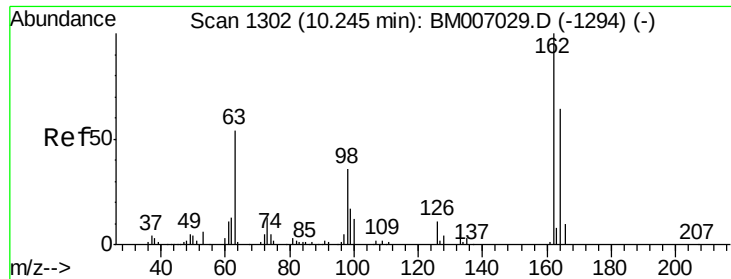


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

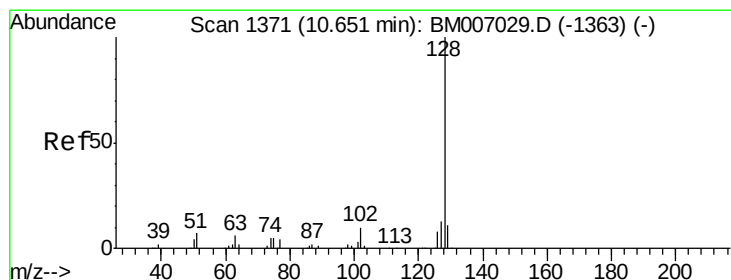
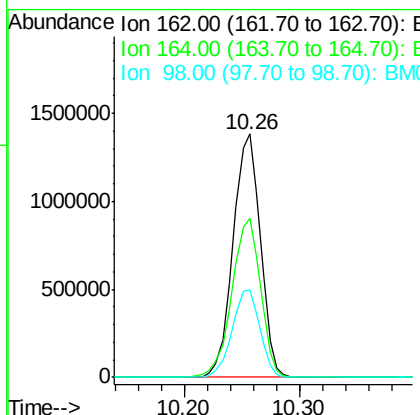
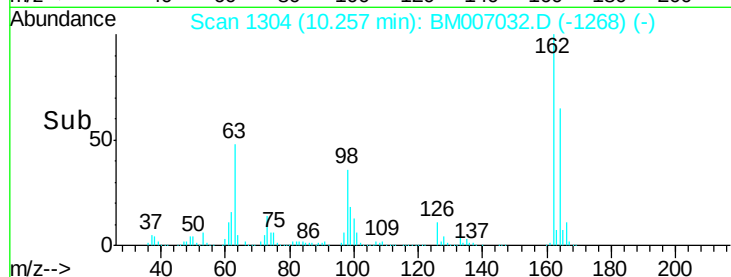
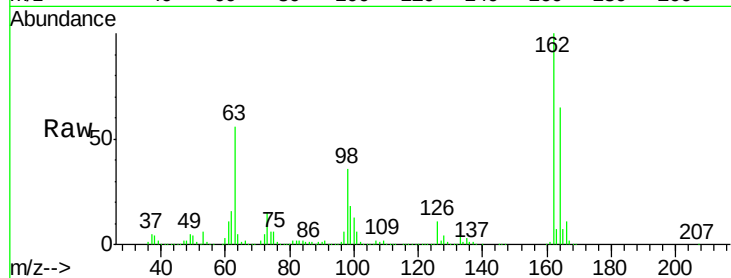




#27  
2,4-Dichlorophenol  
Concen: 160.23 ng/ul  
RT: 10.26 min Scan# 1304  
Delta R.T. 0.01 min  
Lab File: BM007032.D  
Acq: 11 Aug 2016 21:23

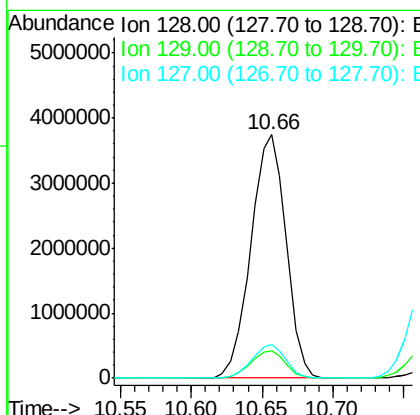
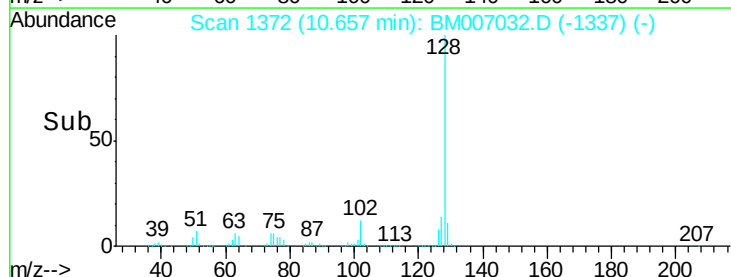
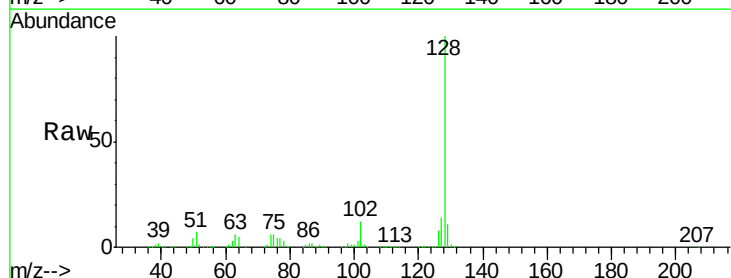
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD16051

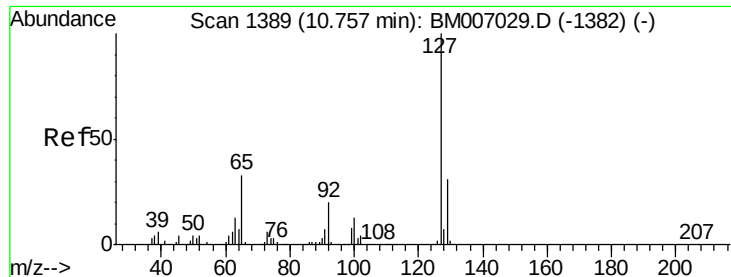
Tgt Ion:162 Resp: 2264318  
Ion Ratio Lower Upper  
162 100  
164 65.3 51.6 77.4  
98 35.7 28.4 42.6



#28  
Naphthalene  
Concen: 147.34 ng/ul  
RT: 10.66 min Scan# 1372  
Delta R.T. 0.01 min  
Lab File: BM007032.D  
Acq: 11 Aug 2016 21:23

Tgt Ion:128 Resp: 6531281  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.6 12.8  
127 13.6 10.6 15.8

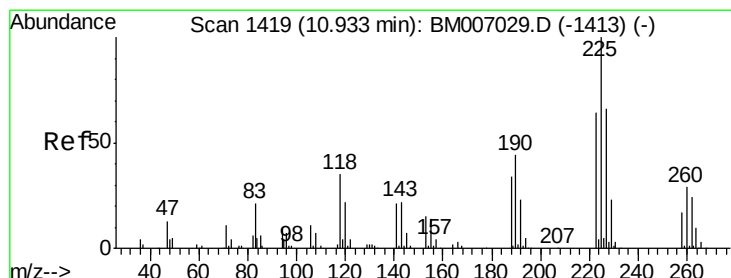
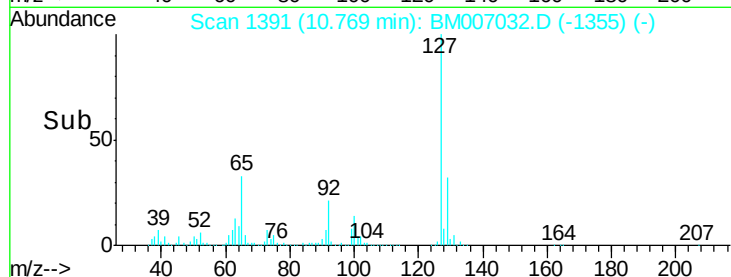
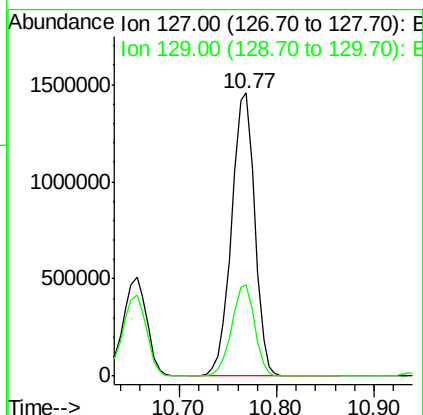
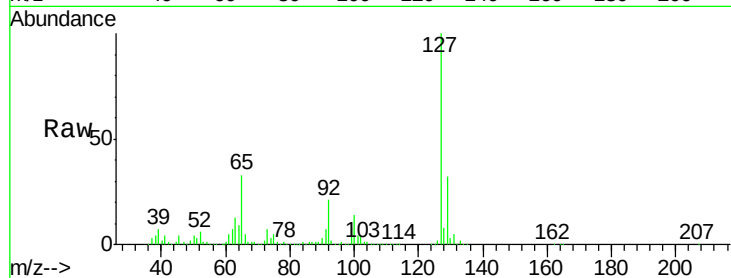




#30  
4-Chloroaniline  
Concen: 147.32 ng/ul  
RT: 10.77 min Scan# 1391  
Delta R.T. 0.01 min  
Lab File: BM007032.D  
Acq: 11 Aug 2016 21:23

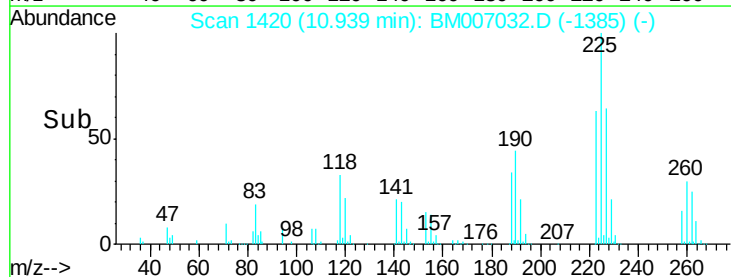
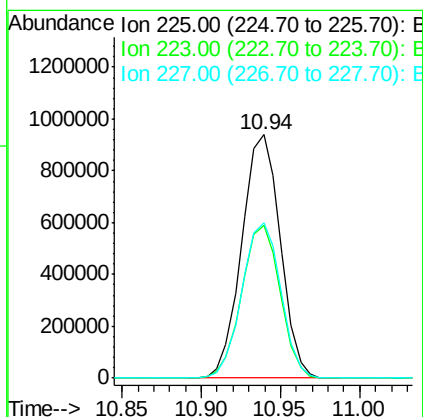
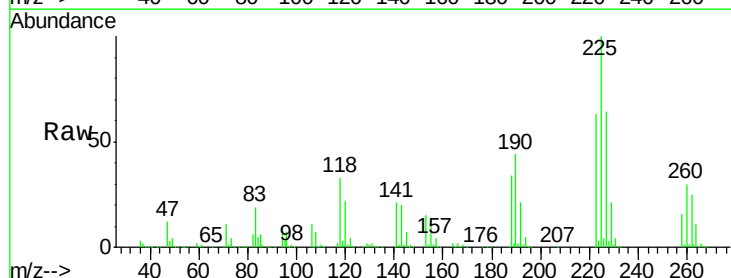
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD16051

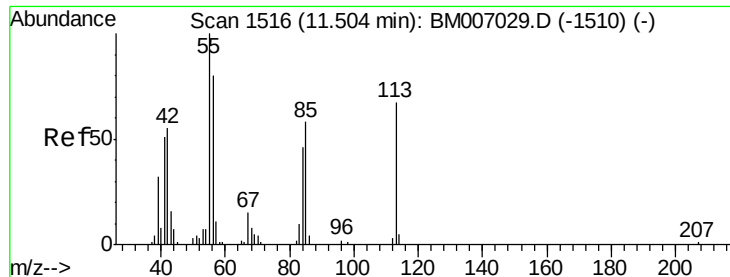
Tgt Ion:127 Resp: 2402369  
Ion Ratio Lower Upper  
127 100  
129 32.4 24.6 37.0



#31  
Hexachlorobutadiene  
Concen: 123.40 ng/ul  
RT: 10.94 min Scan# 1420  
Delta R.T. 0.01 min  
Lab File: BM007032.D  
Acq: 11 Aug 2016 21:23

Tgt Ion:225 Resp: 1590914  
Ion Ratio Lower Upper  
225 100  
223 62.8 51.2 76.8  
227 64.0 52.5 78.7





#32

Caprolactam

Concen: 104.30 ng/ul

RT: 11.57 min Scan# 1528

Delta R.T. 0.07 min

Lab File: BM007032.D

Acq: 11 Aug 2016 21:23

Instrument :

BNA\_M

ClientSampleId :

SSTD16051

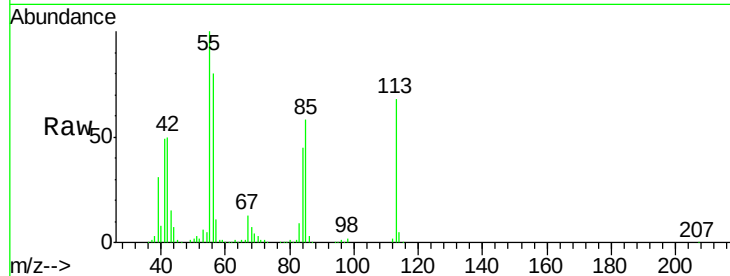
Tgt Ion:113 Resp: 438507

Ion Ratio Lower Upper

113 100

55 146.9 121.9 182.9

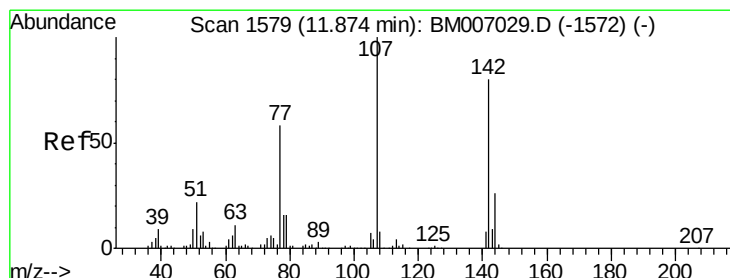
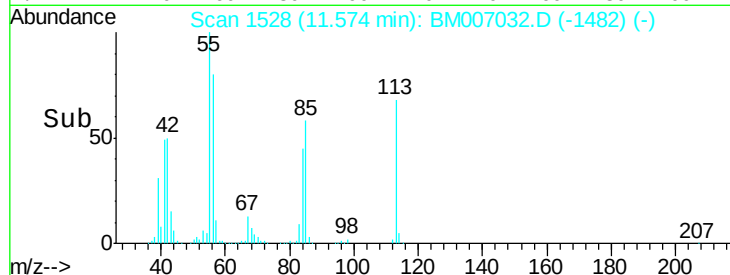
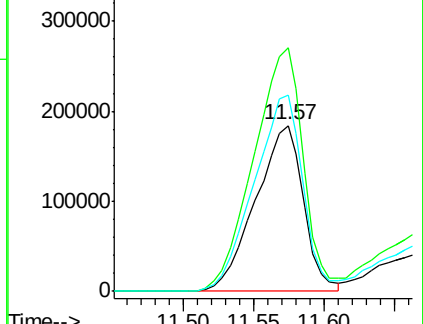
56 118.0 97.4 146.0



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: 156.14 ng/ul

RT: 11.90 min Scan# 1583

Delta R.T. 0.02 min

Lab File: BM007032.D

Acq: 11 Aug 2016 21:23

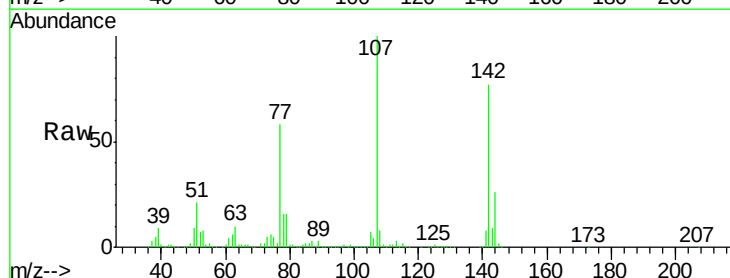
Tgt Ion:107 Resp: 2495045

Ion Ratio Lower Upper

107 100

144 25.6 21.1 31.7

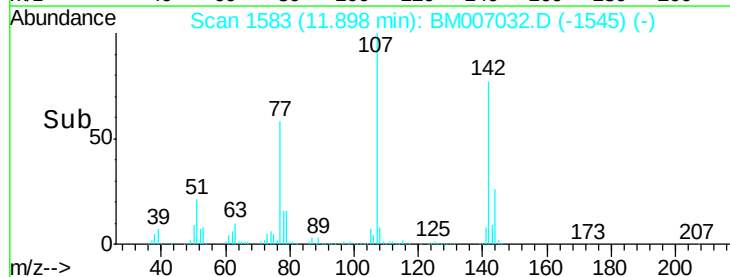
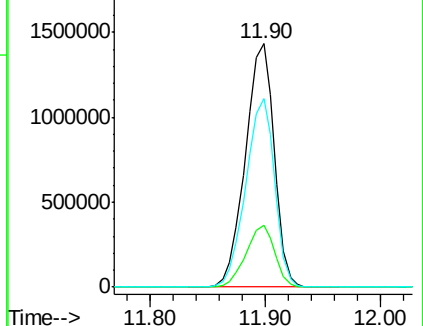
142 77.2 64.1 96.1

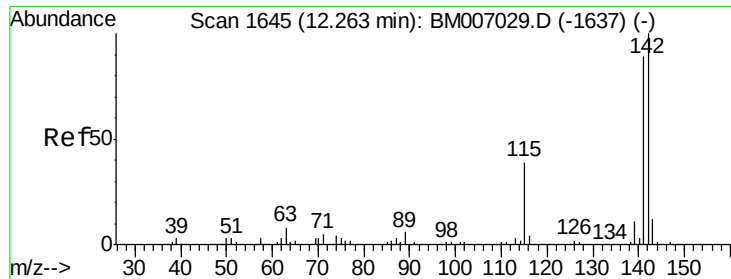


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

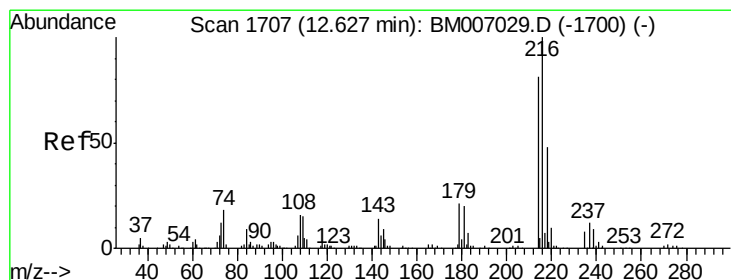
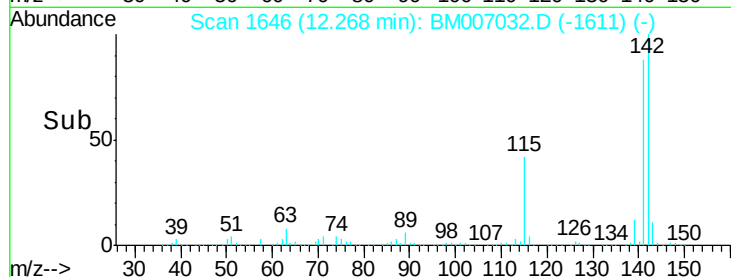
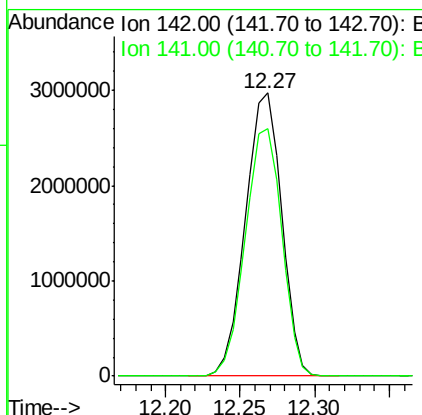
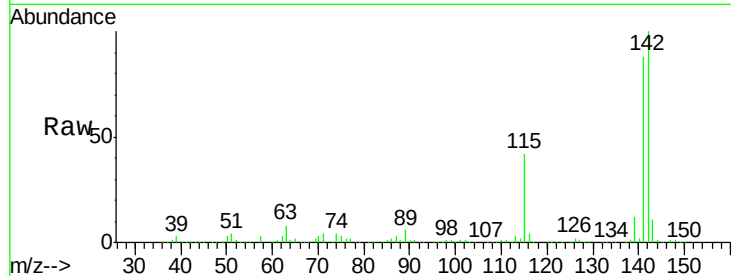




#34  
 2-Methylnaphthalene  
 Concen: 141.03 ng/ul  
 RT: 12.27 min Scan# 1646  
 Delta R.T. 0.01 min  
 Lab File: BM007032.D  
 Acq: 11 Aug 2016 21:23

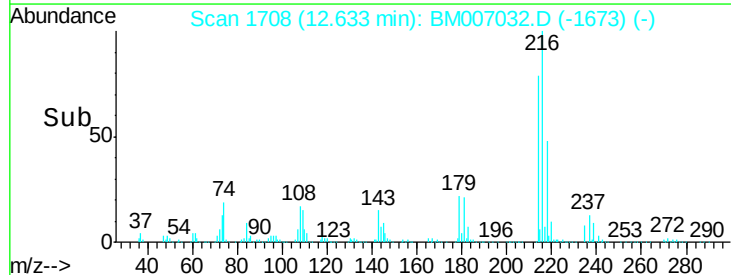
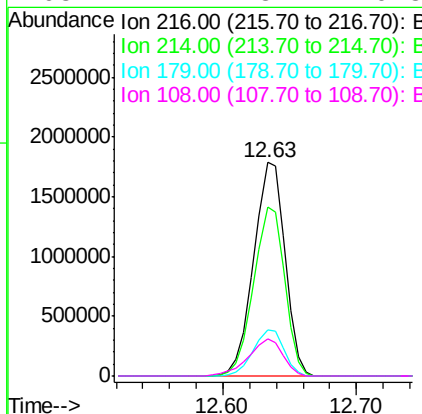
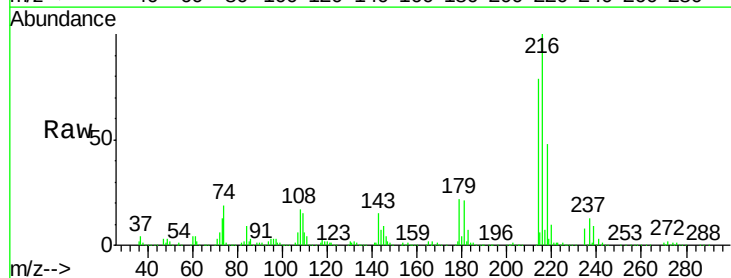
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD16051

Tgt Ion:142 Resp: 4993954  
 Ion Ratio Lower Upper  
 142 100  
 141 87.6 71.3 106.9

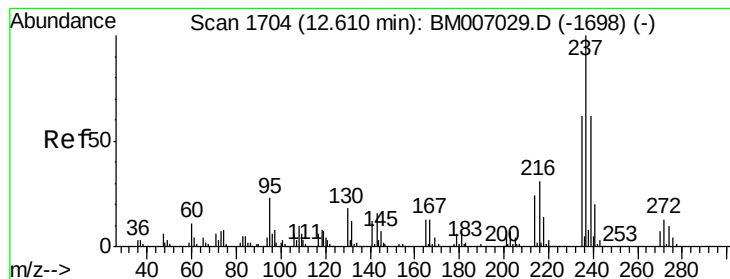


#36  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 132.61 ng/ul  
 RT: 12.63 min Scan# 1708  
 Delta R.T. 0.01 min  
 Lab File: BM007032.D  
 Acq: 11 Aug 2016 21:23

Tgt Ion:216 Resp: 2888153  
 Ion Ratio Lower Upper  
 216 100  
 214 79.1 64.8 97.2  
 179 21.5 16.7 25.1  
 108 17.4 13.2 19.8







#37

Hexachlorocyclopentadiene

Concen: 158.19 ng/ul

RT: 12.62 min Scan# 1705

Delta R.T. 0.01 min

Lab File: BM007032.D

Acq: 11 Aug 2016 21:23

Instrument :

BNA\_M

ClientSampleId :

SSTD16051

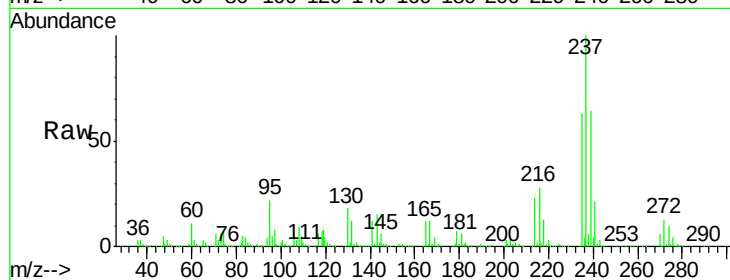
Tgt Ion:237 Resp: 2016990

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 237 | 100   |       |       |
| 235 | 63.2  | 49.6  | 74.4  |
| 272 | 12.7  | 10.4  | 15.6  |

237 100

235 63.2 49.6 74.4

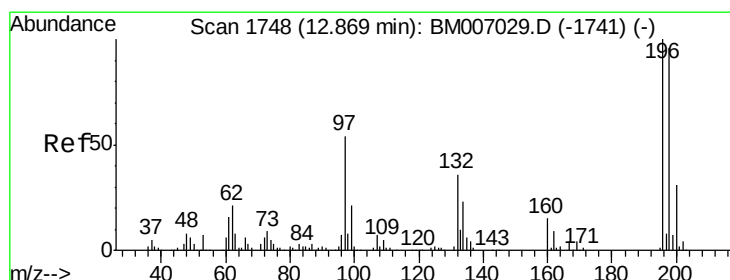
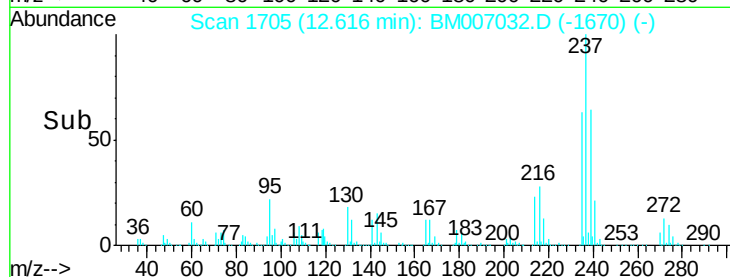
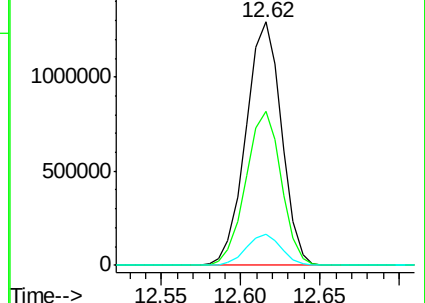
272 12.7 10.4 15.6



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: 152.31 ng/ul

RT: 12.87 min Scan# 1749

Delta R.T. 0.01 min

Lab File: BM007032.D

Acq: 11 Aug 2016 21:23

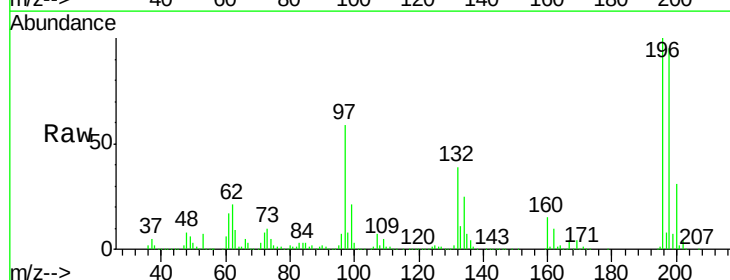
Tgt Ion:196 Resp: 2039579

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 196 | 100   |       |       |
| 198 | 95.2  | 76.9  | 115.3 |
| 200 | 30.9  | 25.1  | 37.7  |

196 100

198 95.2 76.9 115.3

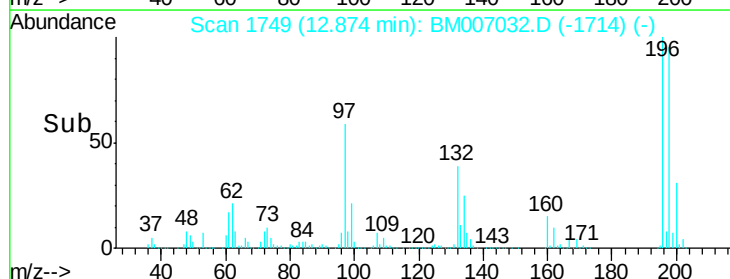
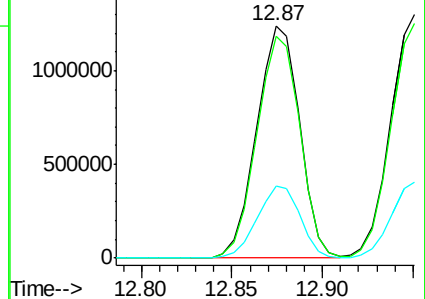
200 30.9 25.1 37.7

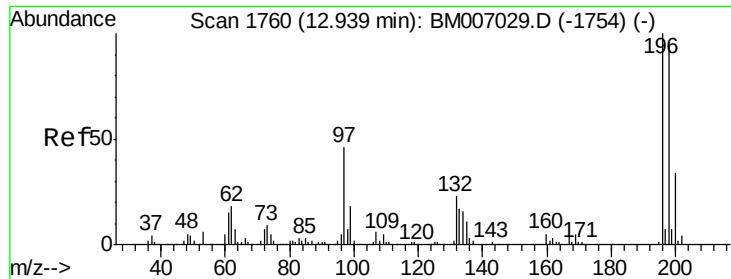


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

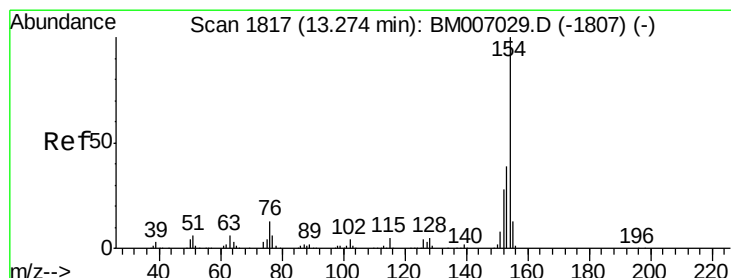
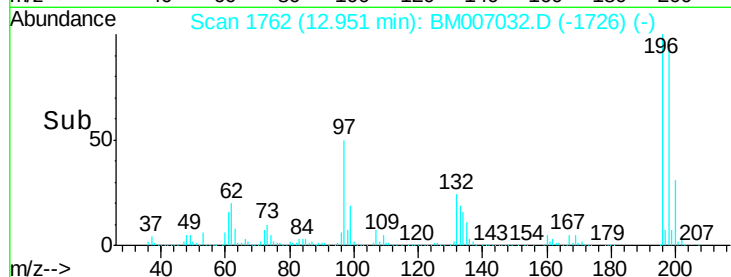
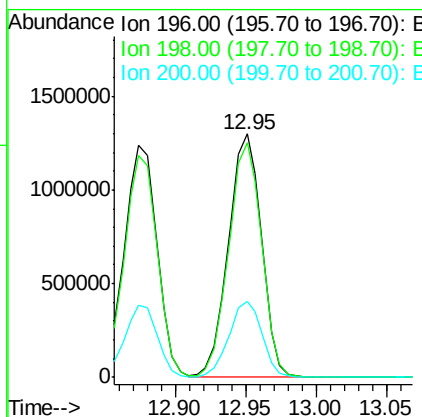
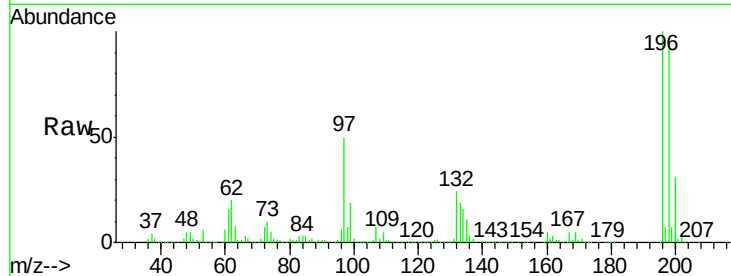




#39  
 2,4,5-Trichlorophenol  
 Concen: 163.41 ng/ul  
 RT: 12.95 min Scan# 1762  
 Delta R.T. 0.01 min  
 Lab File: BM007032.D  
 Acq: 11 Aug 2016 21:23

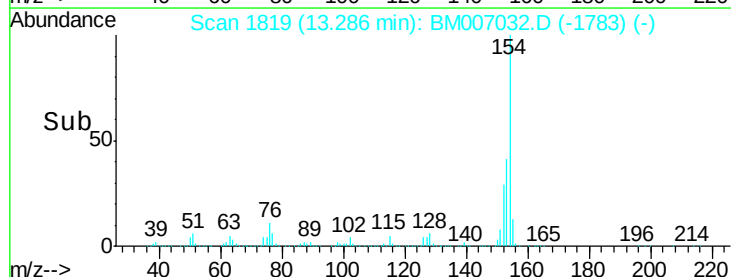
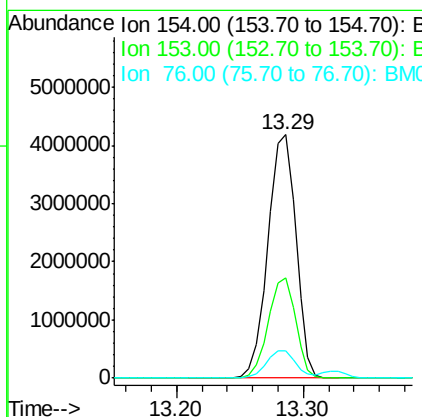
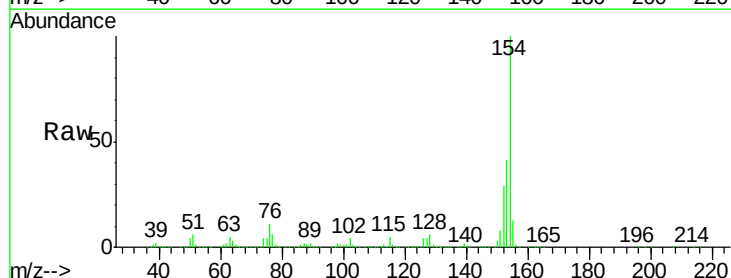
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD16051

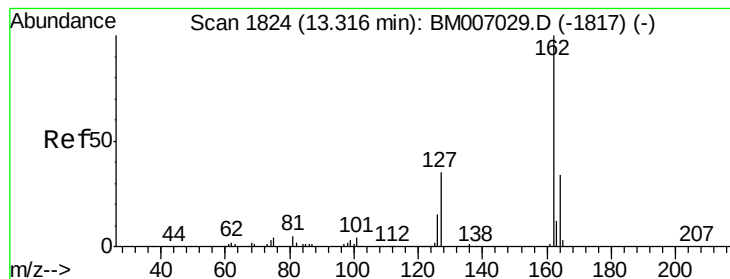
Tgt Ion:196 Resp: 2113650  
 Ion Ratio Lower Upper  
 196 100  
 198 96.6 76.8 115.2  
 200 31.4 27.0 40.4



#40  
 1,1'-Biphenyl  
 Concen: 140.19 ng/ul  
 RT: 13.29 min Scan# 1819  
 Delta R.T. 0.01 min  
 Lab File: BM007032.D  
 Acq: 11 Aug 2016 21:23

Tgt Ion:154 Resp: 6431140  
 Ion Ratio Lower Upper  
 154 100  
 153 41.0 31.3 46.9  
 76 11.3 10.0 15.0

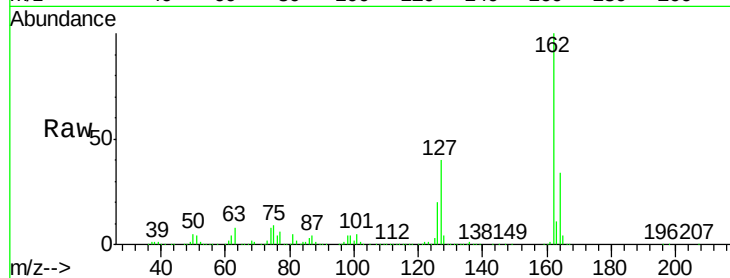




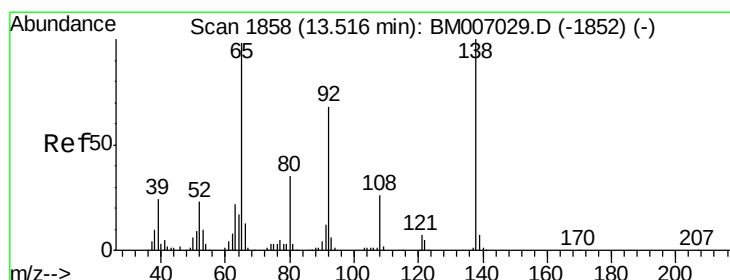
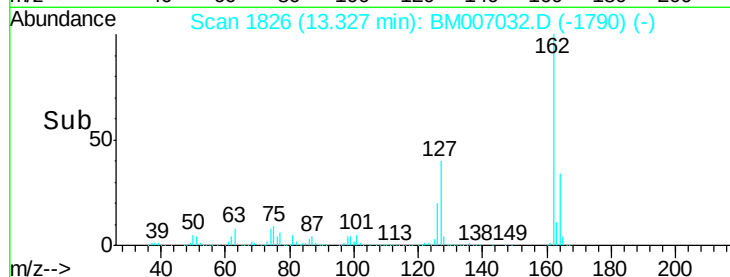
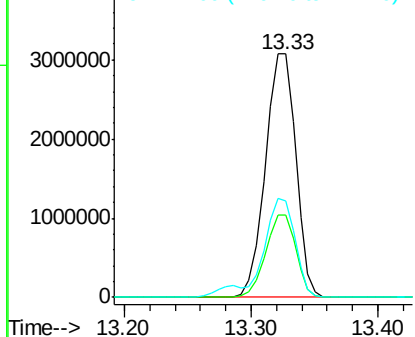
#41  
 2-Chloronaphthalene  
 Concen: 142.77 ng/ul  
 RT: 13.33 min Scan# 1826  
 Delta R.T. 0.01 min  
 Lab File: BM007032.D  
 Acq: 11 Aug 2016 21:23

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD16051

Tgt Ion: 162 Resp: 5130089  
 Ion Ratio Lower Upper  
 162 100  
 164 33.6 26.9 40.3  
 127 39.7 31.2 46.8

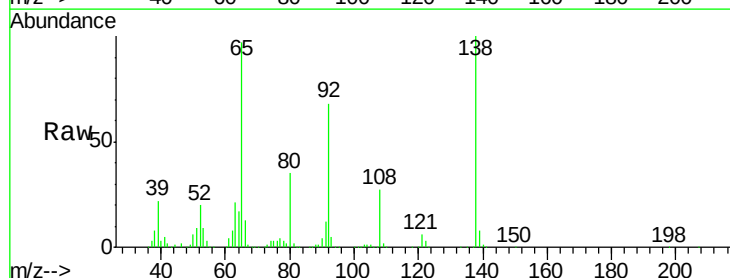


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 127.00 (126.70 to 127.70): E

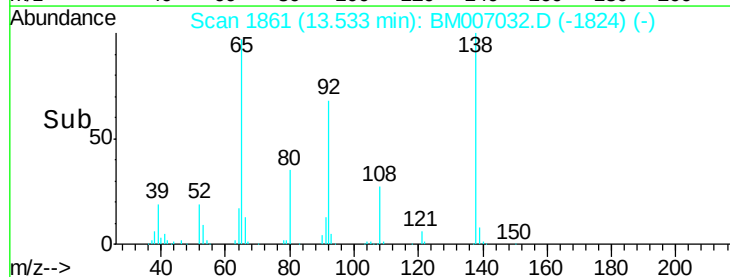
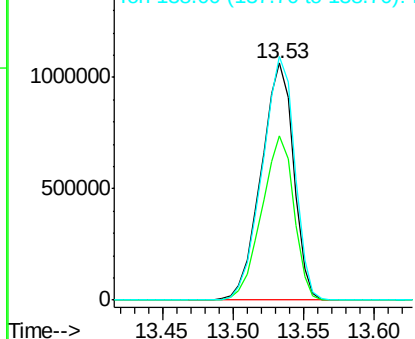


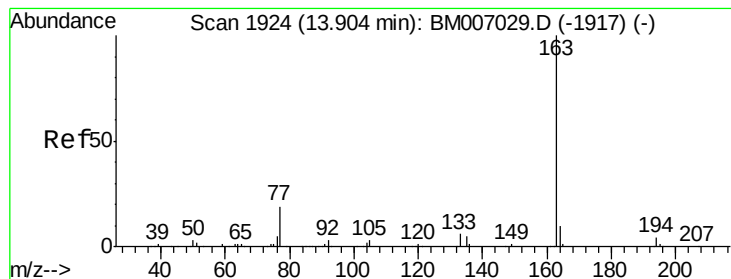
#42  
 2-Nitroaniline  
 Concen: 137.70 ng/ul  
 RT: 13.53 min Scan# 1861  
 Delta R.T. 0.02 min  
 Lab File: BM007032.D  
 Acq: 11 Aug 2016 21:23

Tgt Ion: 65 Resp: 1724635  
 Ion Ratio Lower Upper  
 65 100  
 92 69.6 55.6 83.4  
 138 102.9 81.3 121.9



Abundance Ion 65.00 (64.70 to 65.70): BM0  
 Ion 92.00 (91.70 to 92.70): BM0  
 Ion 138.00 (137.70 to 138.70): E





#44

Dimethylphthalate

Concen: 144.21 ng/ul

RT: 13.92 min Scan# 1926

Delta R.T. 0.01 min

Lab File: BM007032.D

Acq: 11 Aug 2016 21:23

Instrument :

BNA\_M

ClientSampleId :

SSTD16051

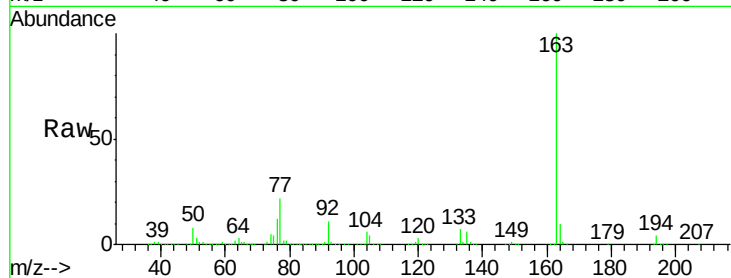
Tgt Ion:163 Resp: 6621180

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

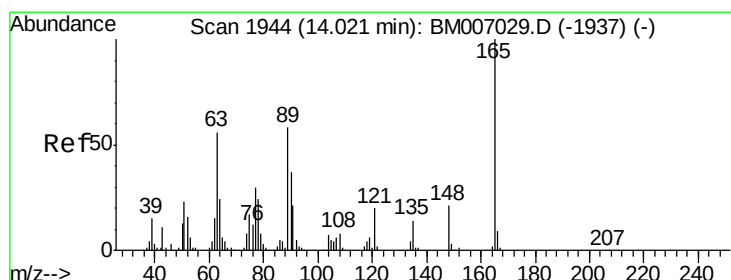
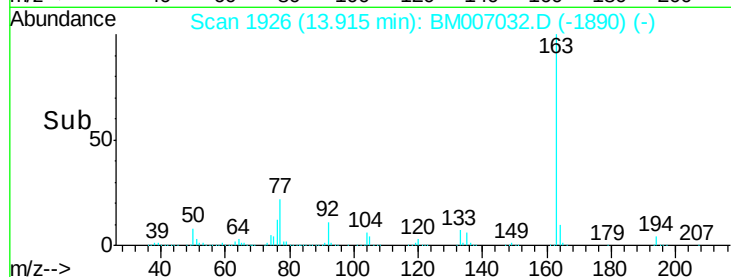
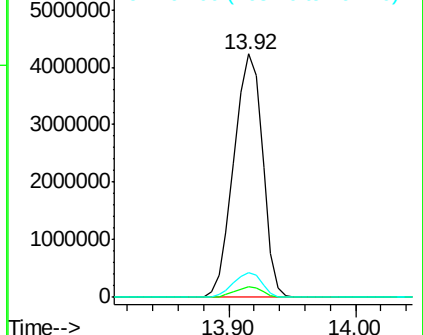
164 10.4 7.8 11.8



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: 169.81 ng/ul

RT: 14.03 min Scan# 1946

Delta R.T. 0.01 min

Lab File: BM007032.D

Acq: 11 Aug 2016 21:23

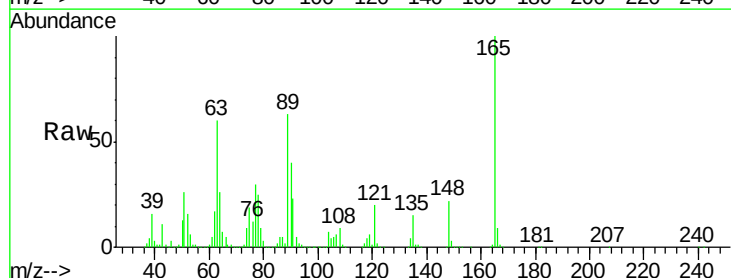
Tgt Ion:165 Resp: 1526346

Ion Ratio Lower Upper

165 100

89 62.5 46.6 69.8

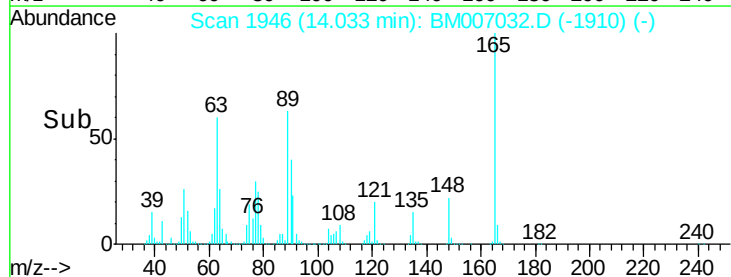
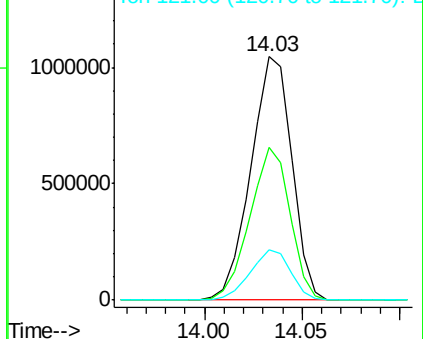
121 20.5 16.0 24.0

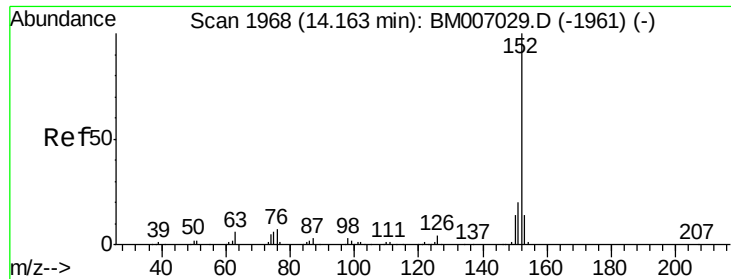


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E

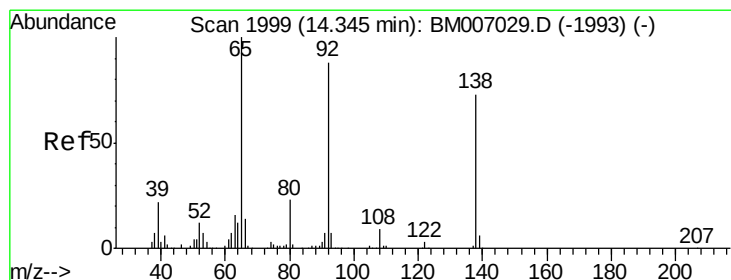
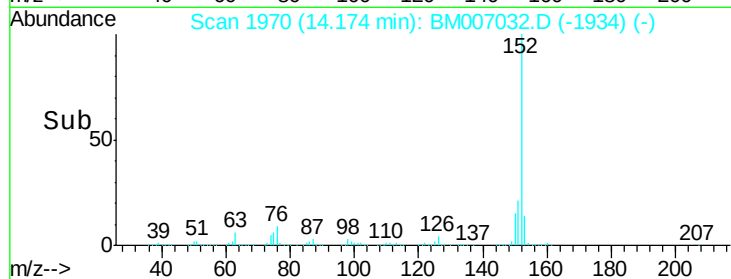
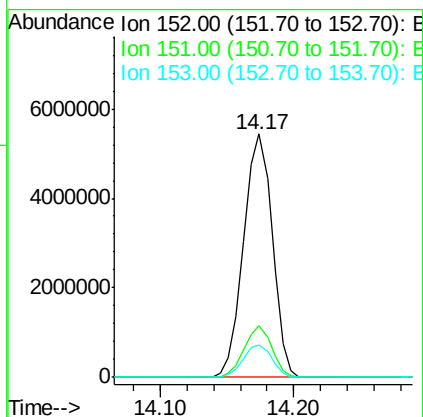
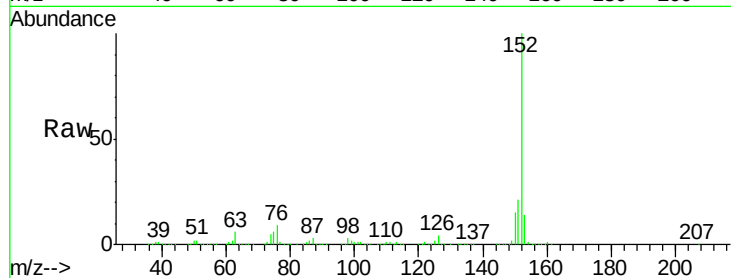




#47  
Acenaphthylene  
Concen: 140.40 ng/ul  
RT: 14.17 min Scan# 1970  
Delta R.T. 0.01 min  
Lab File: BM007032.D  
Acq: 11 Aug 2016 21:23

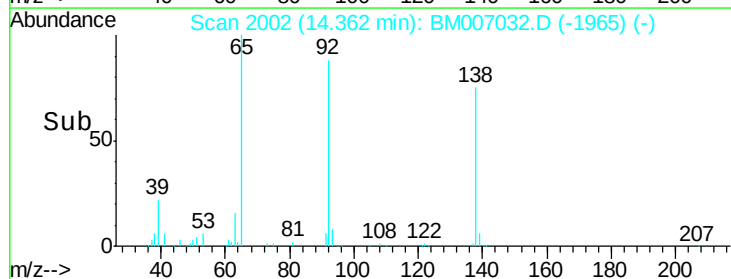
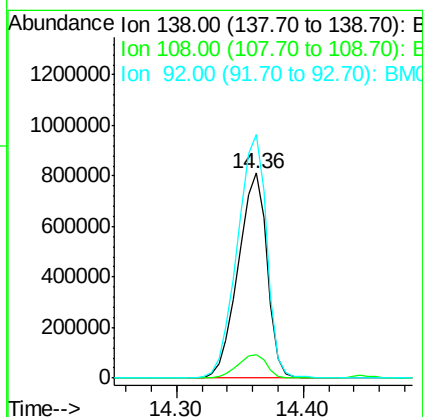
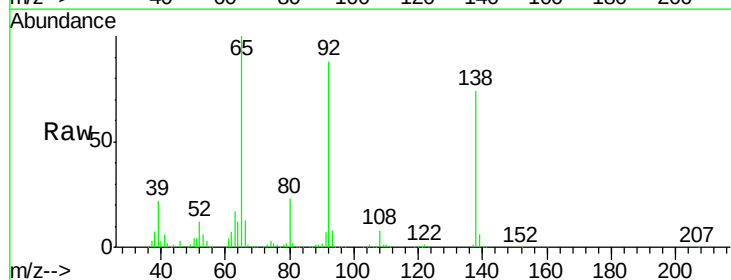
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD16051

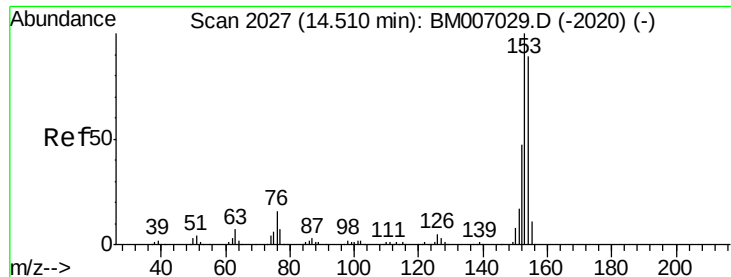
Tgt Ion:152 Resp: 8076635  
Ion Ratio Lower Upper  
152 100  
151 21.0 16.0 24.0  
153 13.5 11.0 16.6



#48  
3-Nitroaniline  
Concen: 161.61 ng/ul  
RT: 14.36 min Scan# 2002  
Delta R.T. 0.02 min  
Lab File: BM007032.D  
Acq: 11 Aug 2016 21:23

Tgt Ion:138 Resp: 1283764  
Ion Ratio Lower Upper  
138 100  
108 11.1 9.4 14.0  
92 118.7 96.6 145.0





#49

Acenaphthene

Concen: 143.34 ng/ul

RT: 14.52 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BM007032.D

Acq: 11 Aug 2016 21:23

Instrument :

BNA\_M

ClientSampleId :

SSTD16051

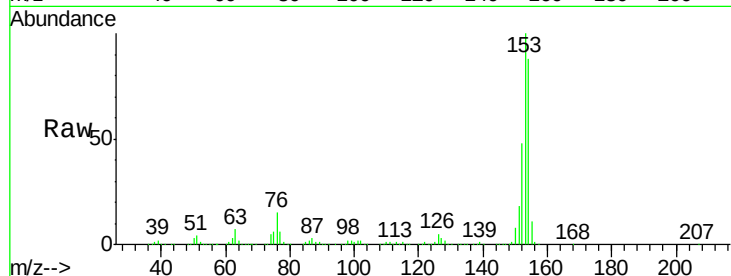
Tgt Ion:153 Resp: 5372040

Ion Ratio Lower Upper

153 100

152 47.8 37.8 56.6

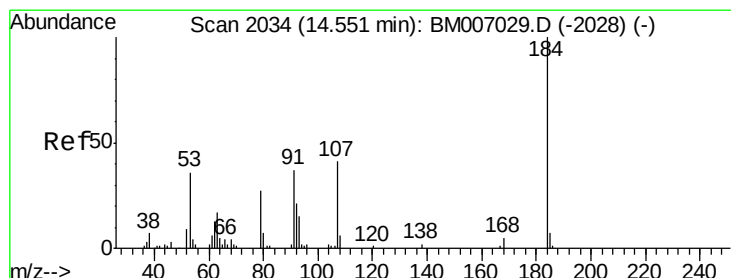
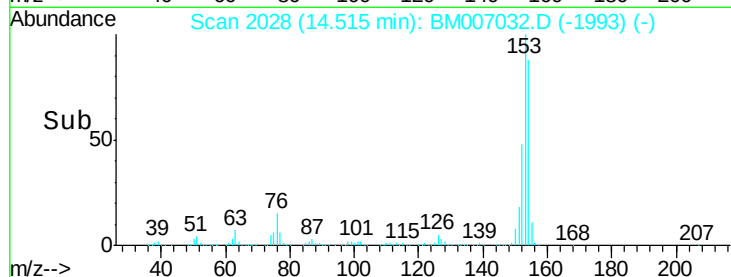
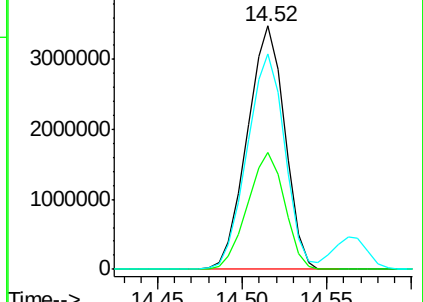
154 88.4 71.4 107.0



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: 190.94 ng/ul

RT: 14.56 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BM007032.D

Acq: 11 Aug 2016 21:23

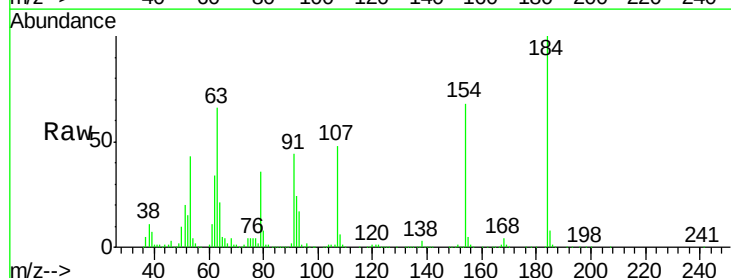
Tgt Ion:184 Resp: 1040081

Ion Ratio Lower Upper

184 100

63 65.5 43.4 65.0#

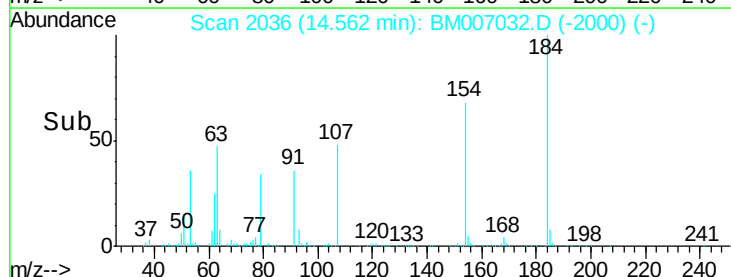
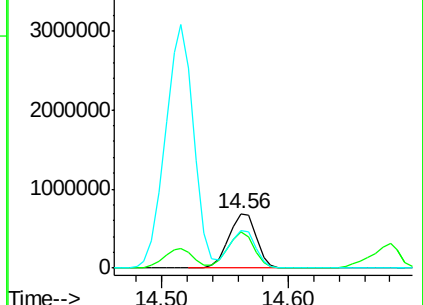
154 68.1 48.2 72.4

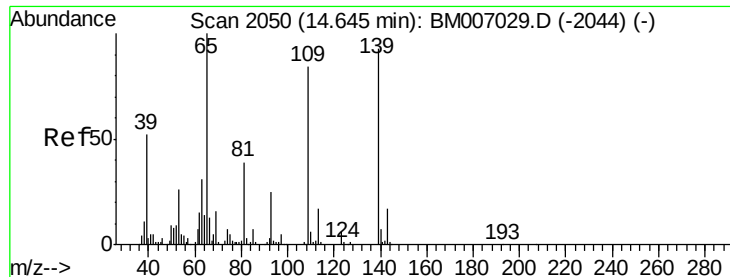


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 106.02 ng/ul

RT: 14.68 min Scan# 2056

Delta R.T. 0.04 min

Lab File: BM007032.D

Acq: 11 Aug 2016 21:23

Instrument :

BNA\_M

ClientSampleId :

SSTD16051

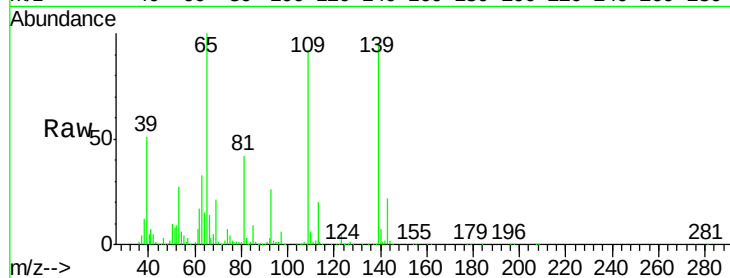
Tgt Ion:109 Resp: 1354526

Ion Ratio Lower Upper

109 100

139 102.7 88.7 133.1

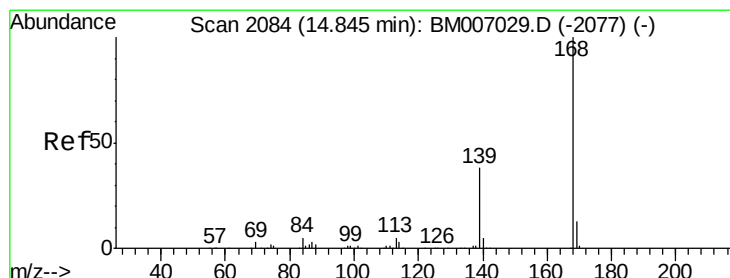
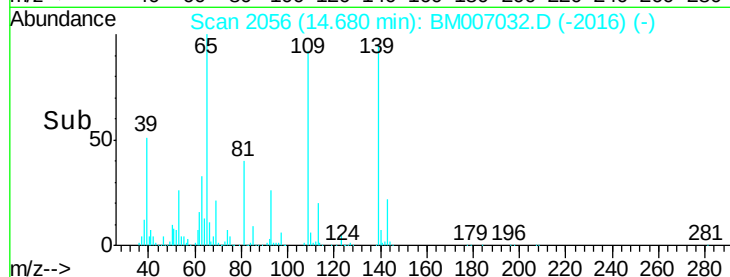
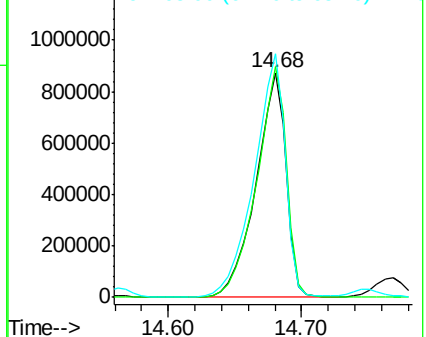
65 108.4 96.4 144.6



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: 132.83 ng/ul

RT: 14.85 min Scan# 2085

Delta R.T. 0.01 min

Lab File: BM007032.D

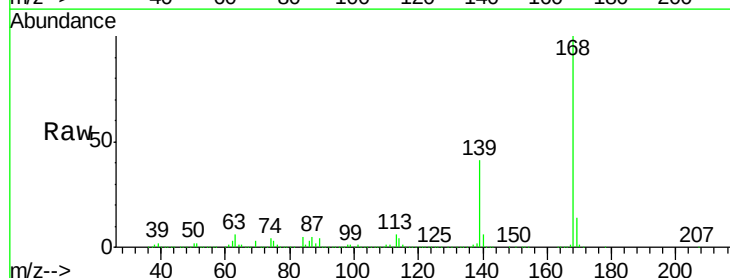
Acq: 11 Aug 2016 21:23

Tgt Ion:168 Resp: 7666401

Ion Ratio Lower Upper

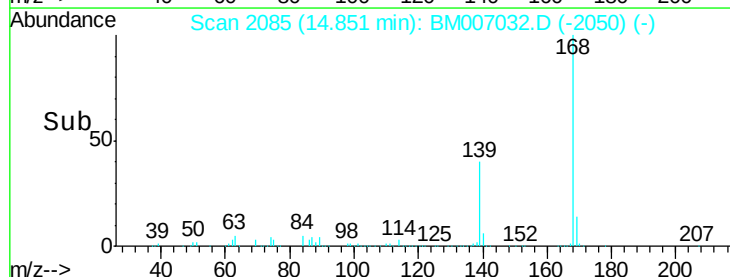
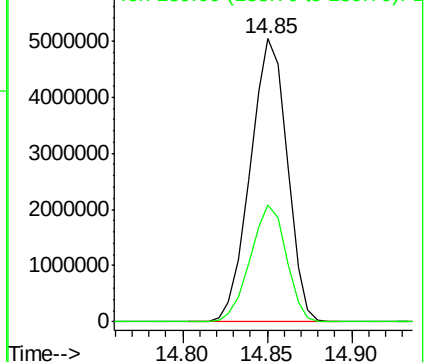
168 100

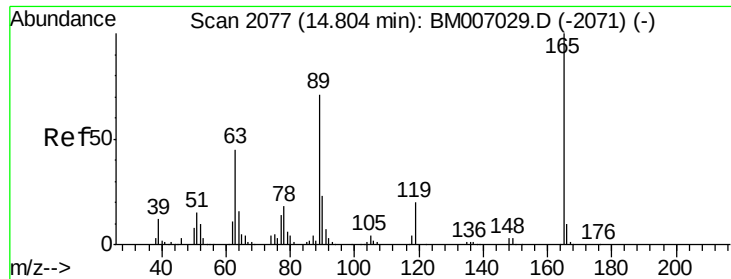
139 41.1 30.1 45.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#54

2,4-Dinitrotoluene

Concen: 155.50 ng/ul

RT: 14.82 min Scan# 2080

Delta R.T. 0.02 min

Lab File: BM007032.D

Acq: 11 Aug 2016 21:23

Instrument :

BNA\_M

ClientSampleId :

SSTD16051

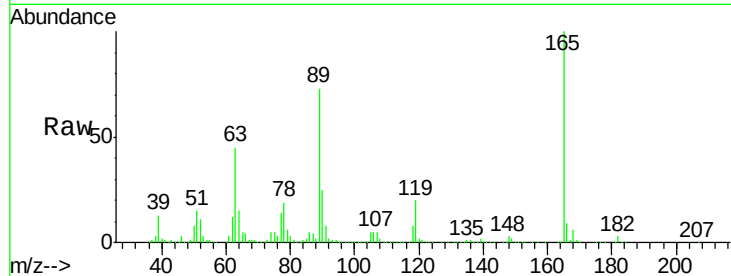
Tgt Ion:165 Resp: 2189992

Ion Ratio Lower Upper

165 100

63 45.4 36.2 54.2

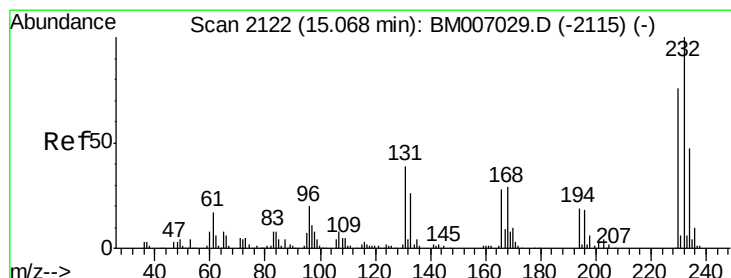
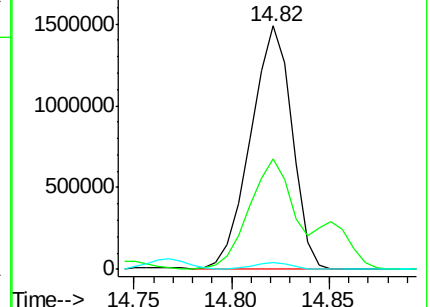
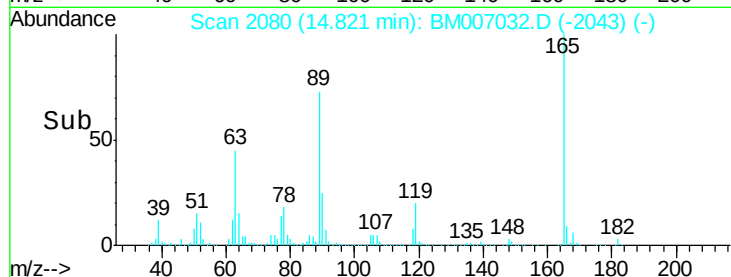
182 2.8 2.2 3.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 147.85 ng/ul

RT: 15.07 min Scan# 2123

Delta R.T. 0.01 min

Lab File: BM007032.D

Acq: 11 Aug 2016 21:23

Tgt Ion:232 Resp: 2031176

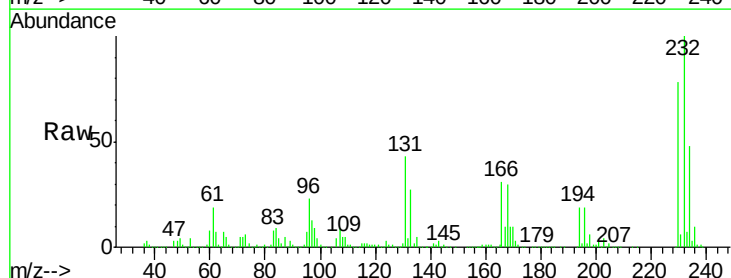
Ion Ratio Lower Upper

232 100

131 42.9 31.4 47.0

130 2.3 1.6 2.4

166 30.7 22.6 33.8

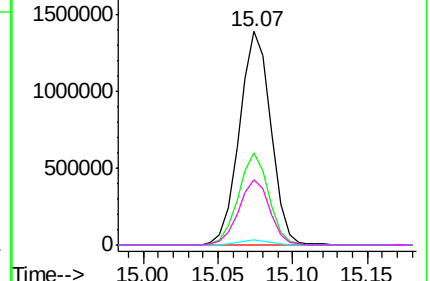
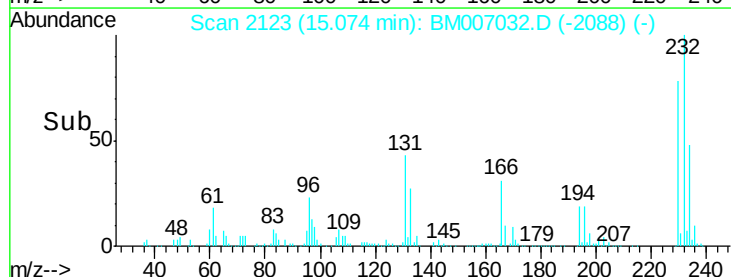


Abundance Ion 232.00 (231.70 to 232.70): E

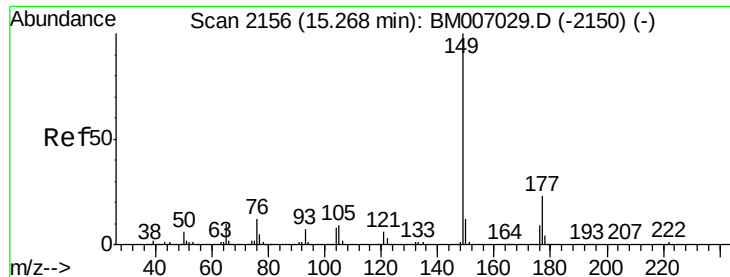
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



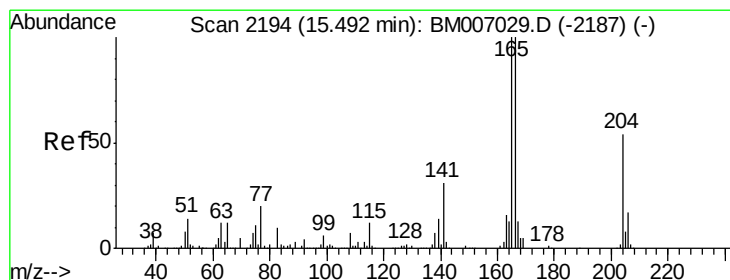
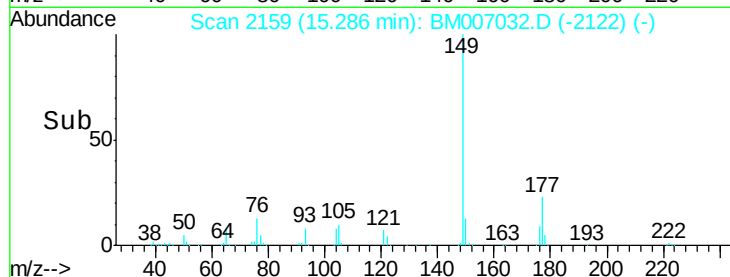
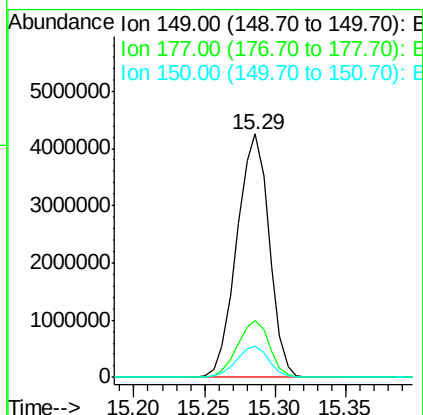
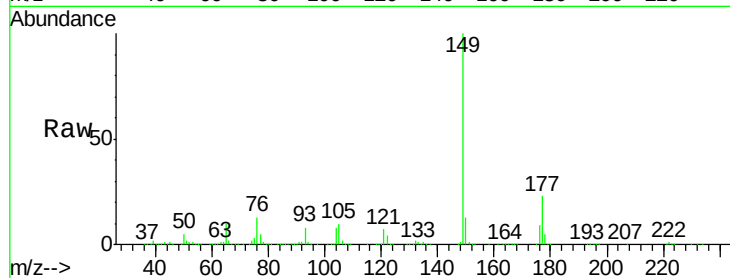




#56  
Diethylphthalate  
Concen: 142.28 ng/ul  
RT: 15.29 min Scan# 2159  
Delta R.T. 0.02 min  
Lab File: BM007032.D  
Acq: 11 Aug 2016 21:23

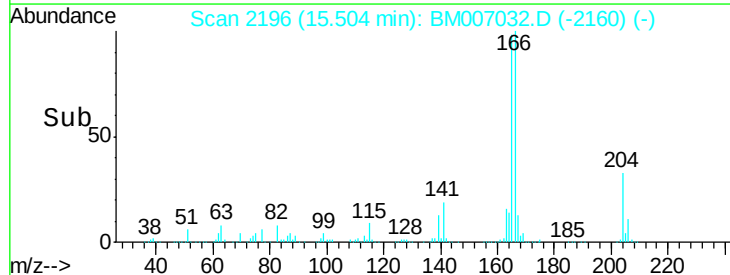
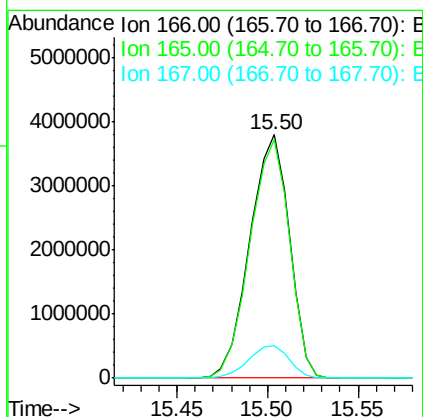
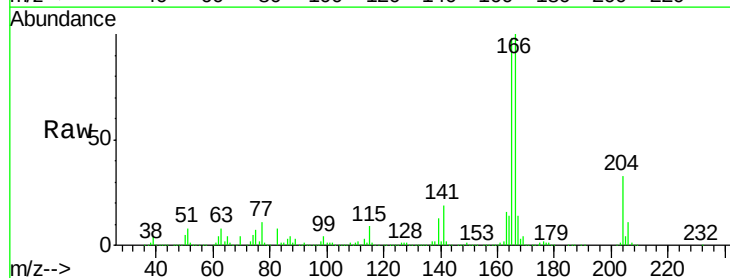
Instrument :  
BNA\_M  
ClientSampled :  
SSTD16051

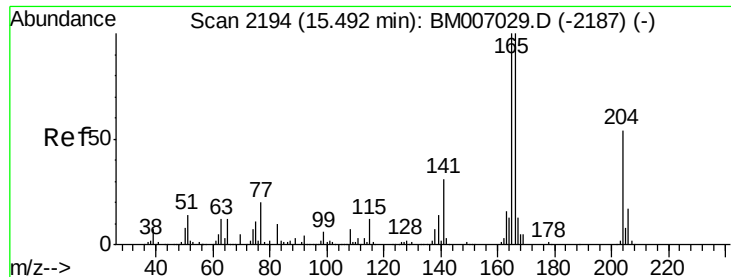
Tgt Ion:149 Resp: 6801861  
Ion Ratio Lower Upper  
149 100  
177 23.3 18.6 28.0  
150 12.9 10.0 15.0



#58  
Fluorene  
Concen: 119.92 ng/ul  
RT: 15.50 min Scan# 2196  
Delta R.T. 0.01 min  
Lab File: BM007032.D  
Acq: 11 Aug 2016 21:23

Tgt Ion:166 Resp: 5766970  
Ion Ratio Lower Upper  
166 100  
165 98.1 79.9 119.9  
167 13.5 10.5 15.7

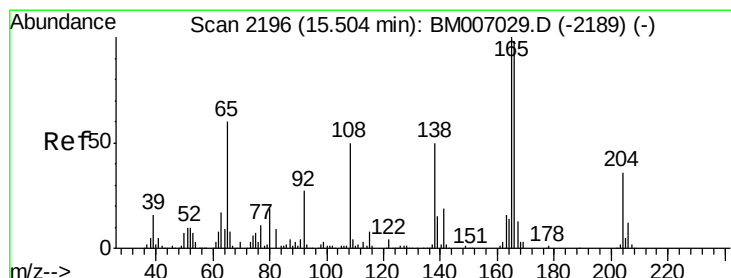
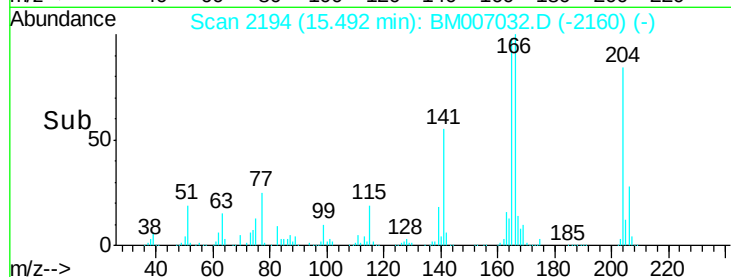
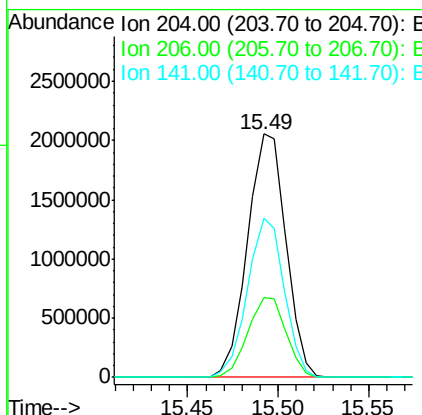
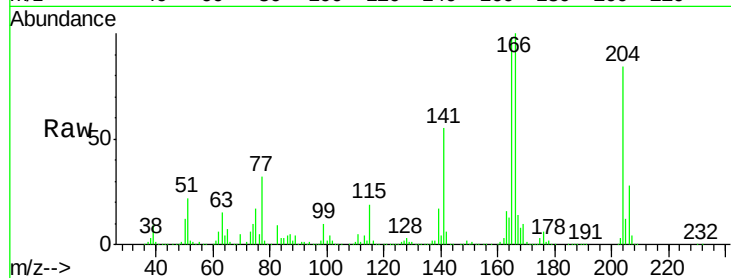




#59  
4-Chlorophenyl-phenylether  
Concen: 112.85 ng/ul  
RT: 15.49 min Scan# 2194  
Delta R.T. -0.00 min  
Lab File: BM007032.D  
Acq: 11 Aug 2016 21:23

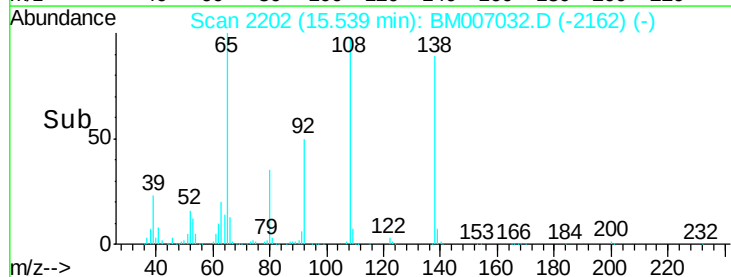
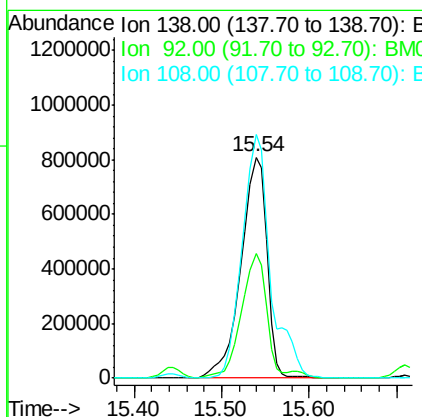
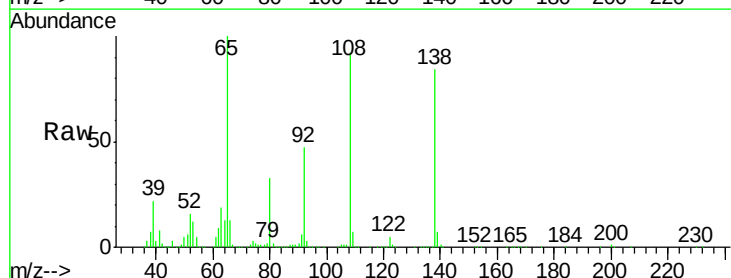
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD16051

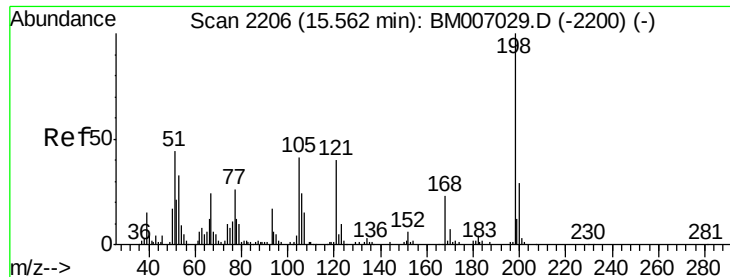
Tgt Ion:204 Resp: 3026037  
Ion Ratio Lower Upper  
204 100  
206 32.9 25.9 38.9  
141 65.4 46.1 69.1



#60  
4-Nitroaniline  
Concen: 190.63 ng/ul  
RT: 15.54 min Scan# 2202  
Delta R.T. 0.04 min  
Lab File: BM007032.D  
Acq: 11 Aug 2016 21:23

Tgt Ion:138 Resp: 1615678  
Ion Ratio Lower Upper  
138 100  
92 56.3 43.5 65.3  
108 110.3 80.3 120.5

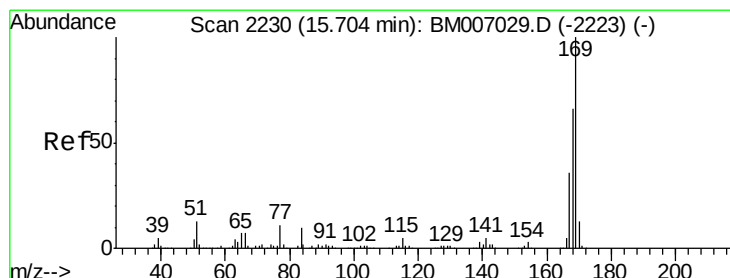
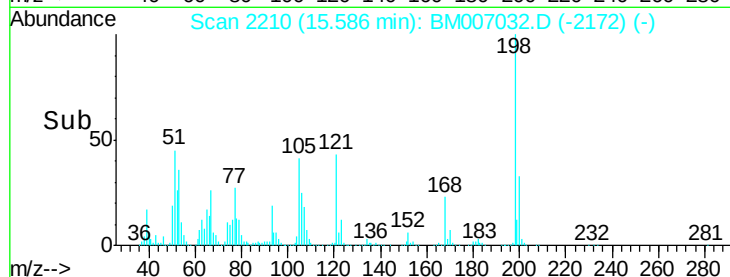
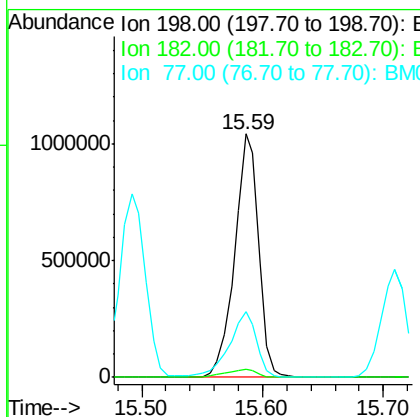
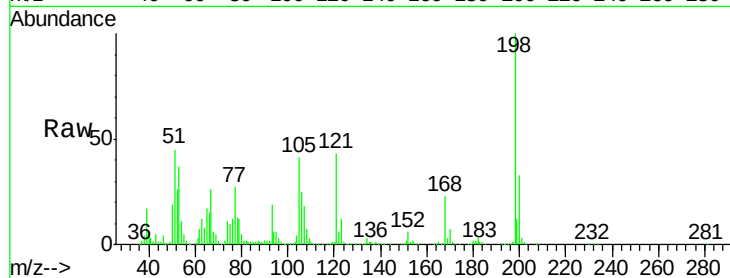




#63  
 4,6-Dinitro-2-methylphenol  
 Concen: 157.63 ng/ul  
 RT: 15.59 min Scan# 2210  
 Delta R.T. 0.02 min  
 Lab File: BM007032.D  
 Acq: 11 Aug 2016 21:23

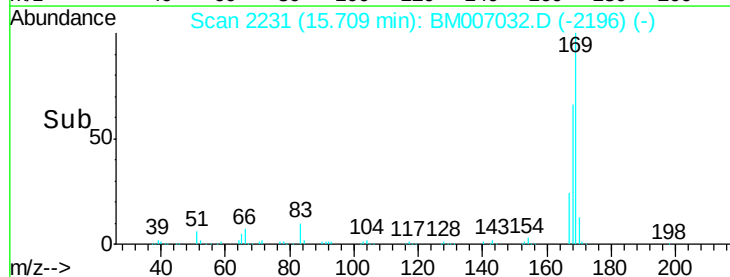
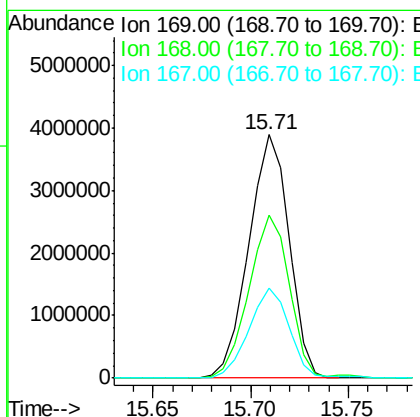
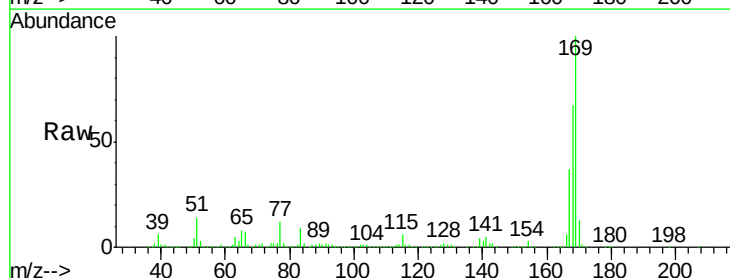
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD16051

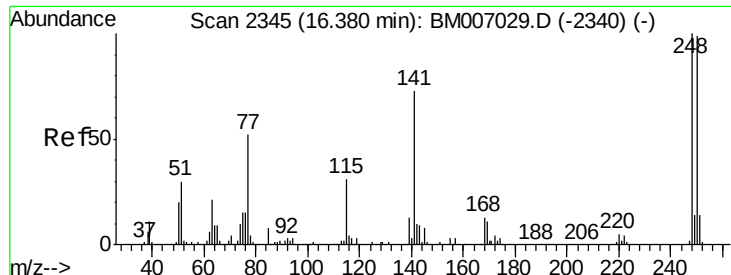
Tgt Ion:198 Resp: 1435438  
 Ion Ratio Lower Upper  
 198 100  
 182 3.4 3.3 4.9  
 77 26.9 21.8 32.6



#64  
 N-Nitrosodiphenylamine  
 Concen: 140.84 ng/ul  
 RT: 15.71 min Scan# 2231  
 Delta R.T. 0.01 min  
 Lab File: BM007032.D  
 Acq: 11 Aug 2016 21:23

Tgt Ion:169 Resp: 5571575  
 Ion Ratio Lower Upper  
 169 100  
 168 66.9 52.6 79.0  
 167 36.7 28.6 43.0

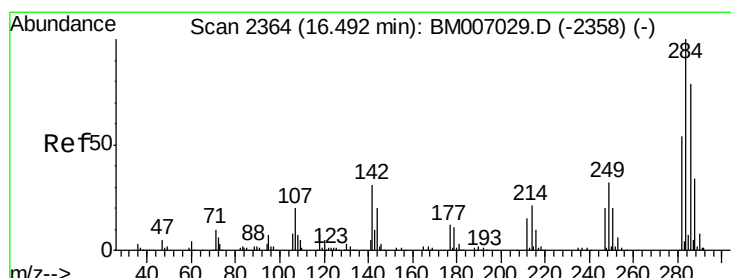
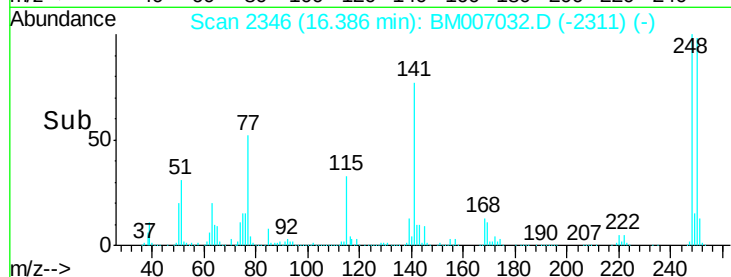
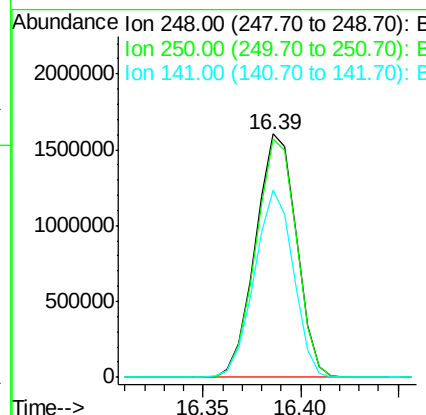
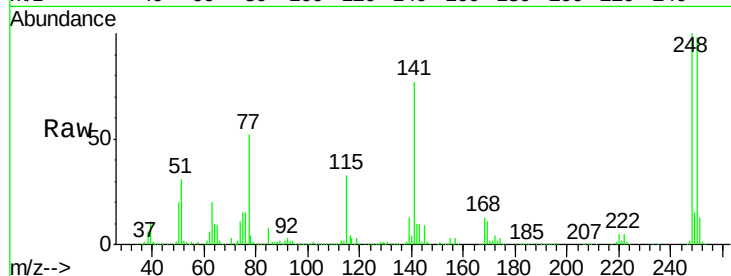




#65  
4-Bromophenyl-phenylether  
Concen: 139.29 ng/ul  
RT: 16.39 min Scan# 2346  
Delta R.T. 0.01 min  
Lab File: BM007032.D  
Acq: 11 Aug 2016 21:23

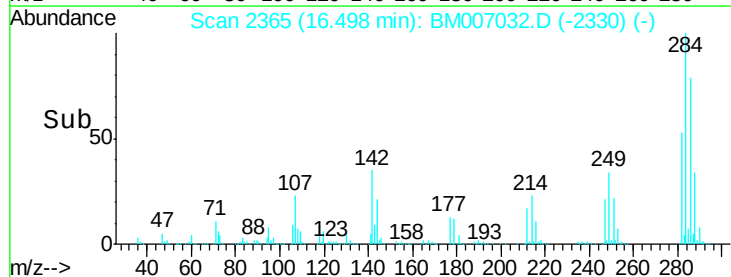
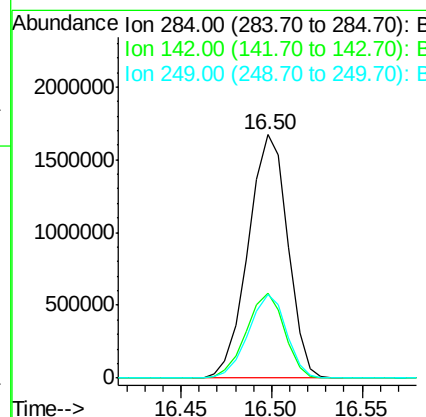
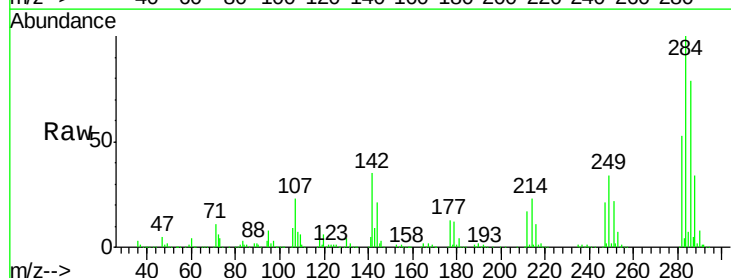
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD16051

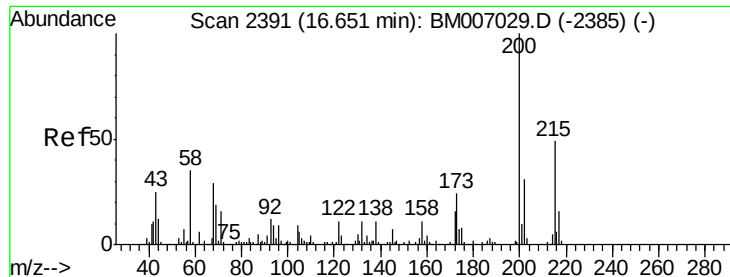
Tgt Ion:248 Resp: 2322247  
Ion Ratio Lower Upper  
248 100  
250 98.2 79.7 119.5  
141 77.2 58.3 87.5



#66  
Hexachlorobenzene  
Concen: 139.94 ng/ul  
RT: 16.50 min Scan# 2365  
Delta R.T. 0.01 min  
Lab File: BM007032.D  
Acq: 11 Aug 2016 21:23

Tgt Ion:284 Resp: 2539195  
Ion Ratio Lower Upper  
284 100  
142 34.9 24.9 37.3  
249 34.1 25.5 38.3

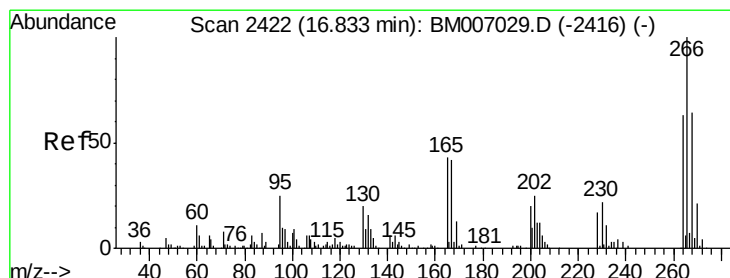
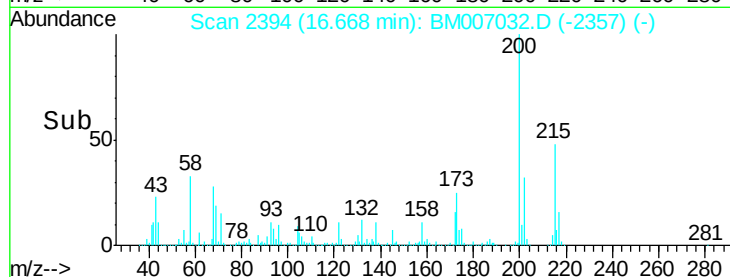
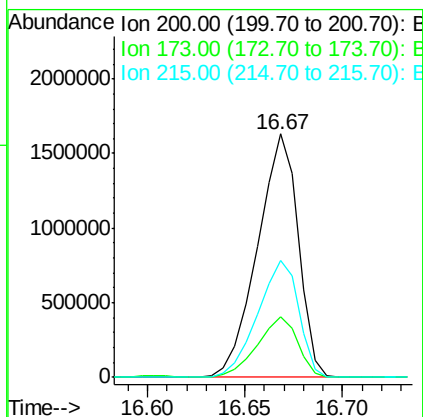
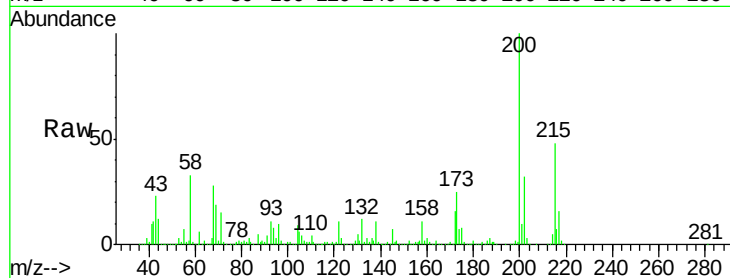




#67  
Atrazine  
Concen: 139.43 ng/ul  
RT: 16.67 min Scan# 2394  
Delta R.T. 0.02 min  
Lab File: BM007032.D  
Acq: 11 Aug 2016 21:23

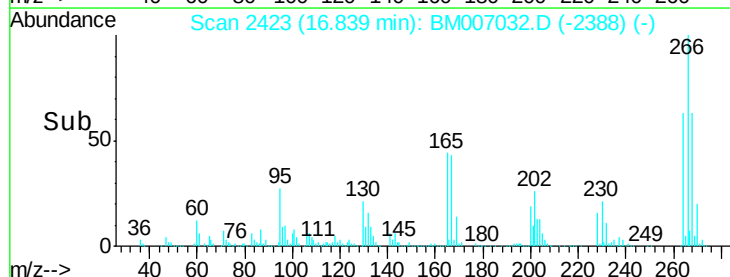
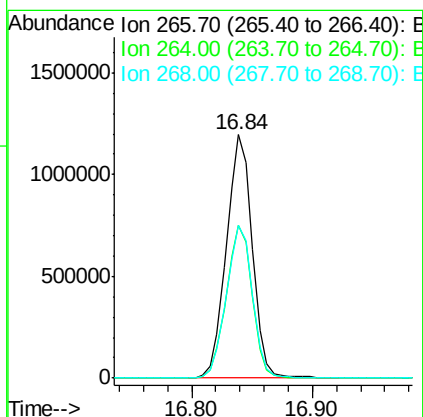
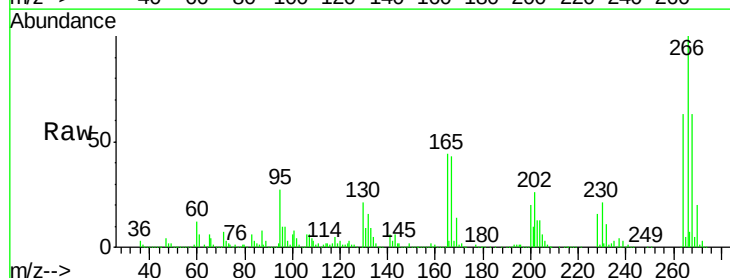
Instrument :  
BNA\_M  
ClientSampled :  
SSTD16051

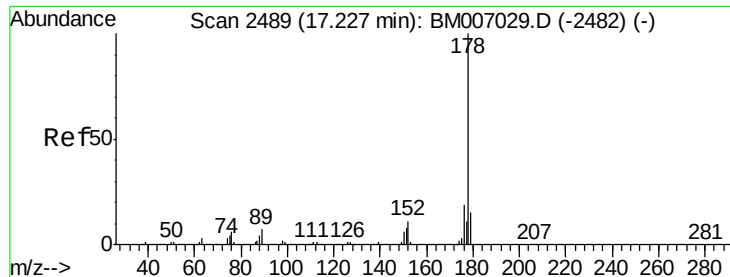
Tgt Ion:200 Resp: 2350743  
Ion Ratio Lower Upper  
200 100  
173 24.7 18.9 28.3  
215 47.8 39.5 59.3



#68  
Pentachlorophenol  
Concen: 171.19 ng/ul  
RT: 16.84 min Scan# 2423  
Delta R.T. 0.01 min  
Lab File: BM007032.D  
Acq: 11 Aug 2016 21:23

Tgt Ion:266 Resp: 1780868  
Ion Ratio Lower Upper  
266 100  
264 62.9 50.6 75.8  
268 62.8 51.0 76.6

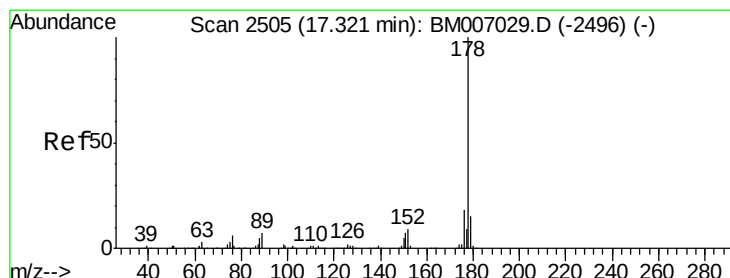
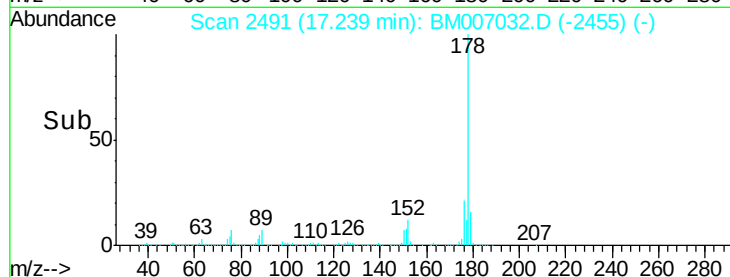
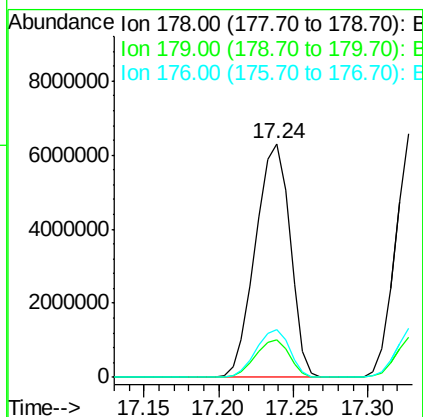
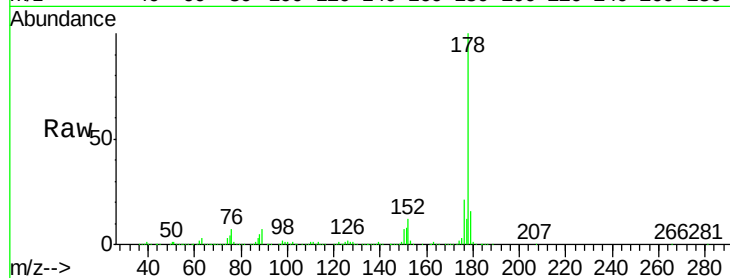




#69  
 Phenanthrene  
 Concen: 133.51 ng/ul  
 RT: 17.24 min Scan# 2491  
 Delta R.T. 0.01 min  
 Lab File: BM007032.D  
 Acq: 11 Aug 2016 21:23

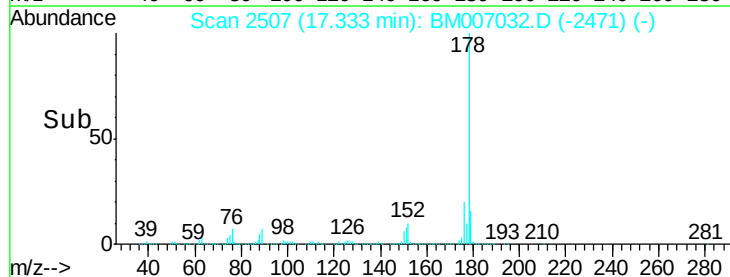
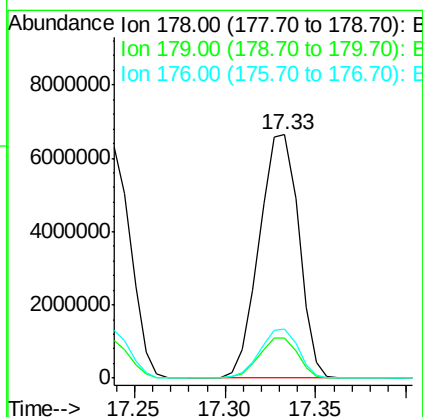
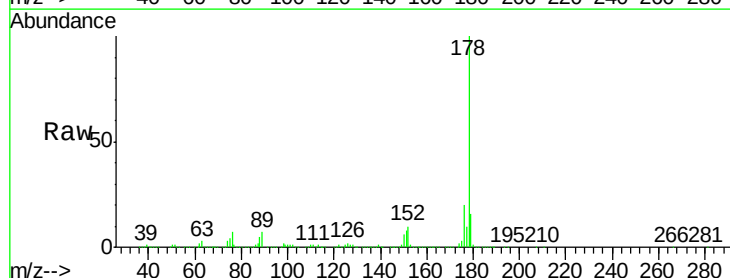
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD16051

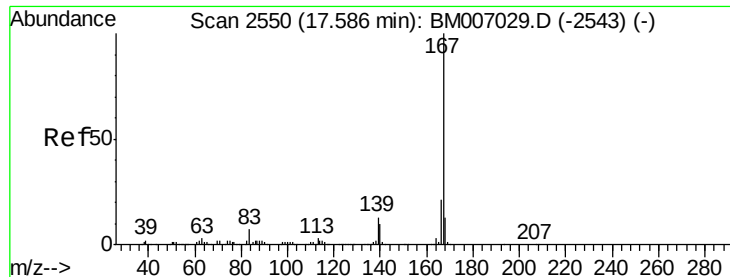
Tgt Ion:178 Resp:10137926  
 Ion Ratio Lower Upper  
 178 100  
 179 16.3 12.2 18.2  
 176 20.6 15.1 22.7



#71  
 Anthracene  
 Concen: 129.09 ng/ul  
 RT: 17.33 min Scan# 2507  
 Delta R.T. 0.01 min  
 Lab File: BM007032.D  
 Acq: 11 Aug 2016 21:23

Tgt Ion:178 Resp:10095948  
 Ion Ratio Lower Upper  
 178 100  
 179 16.3 12.1 18.1  
 176 20.1 14.5 21.7





#72

Carbazole

Concen: 137.37 ng/ul

RT: 17.60 min Scan# 2552

Delta R.T. 0.01 min

Lab File: BM007032.D

Acq: 11 Aug 2016 21:23

Instrument :

BNA\_M

ClientSampleId :

SSTD16051

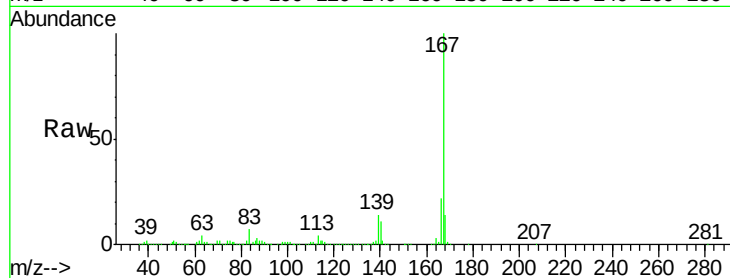
Tgt Ion:167 Resp: 9356248

Ion Ratio Lower Upper

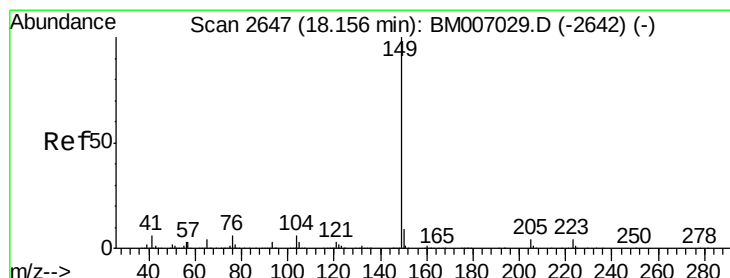
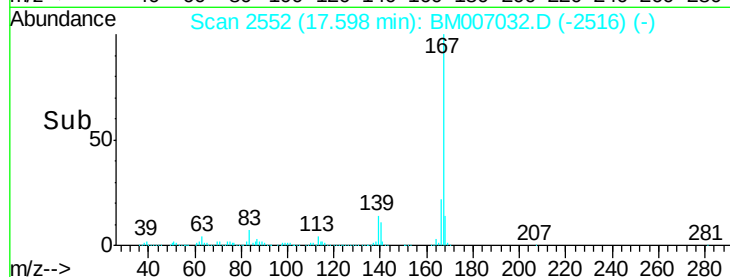
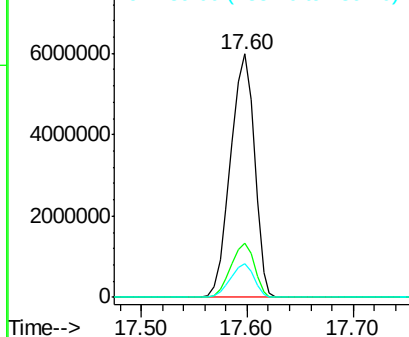
167 100

166 22.3 16.6 25.0

139 13.9 10.2 15.4



Abundance Ion 167.00 (166.70 to 167.70): E  
Ion 166.00 (165.70 to 166.70): E  
Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 146.56 ng/ul

RT: 18.16 min Scan# 2648

Delta R.T. 0.01 min

Lab File: BM007032.D

Acq: 11 Aug 2016 21:23

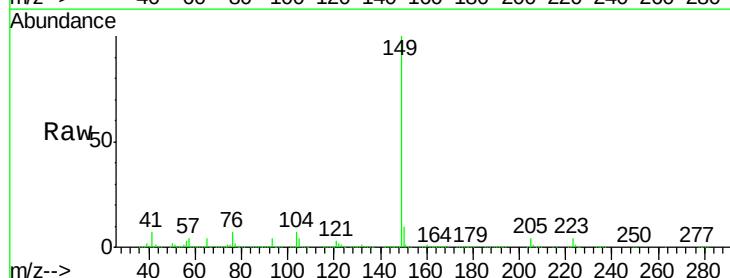
Tgt Ion:149 Resp:10953971

Ion Ratio Lower Upper

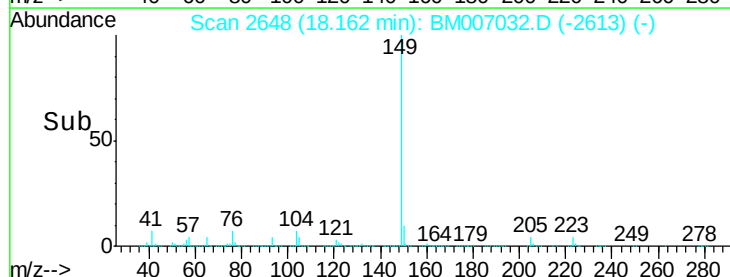
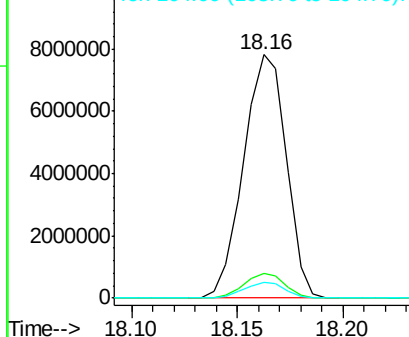
149 100

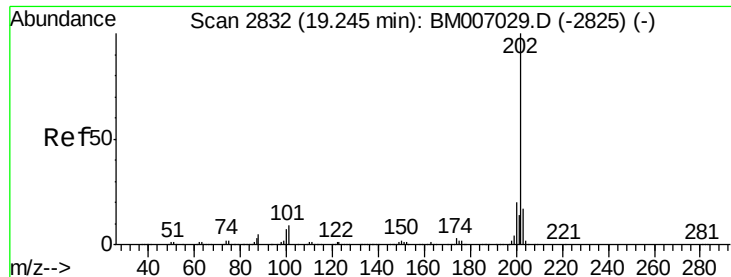
150 10.0 7.6 11.4

104 6.7 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 124.51 ng/ul

RT: 19.25 min Scan# 2833

Delta R.T. 0.01 min

Lab File: BM007032.D

Acq: 11 Aug 2016 21:23

Instrument :

BNA\_M

ClientSampleId :

SSTD16051

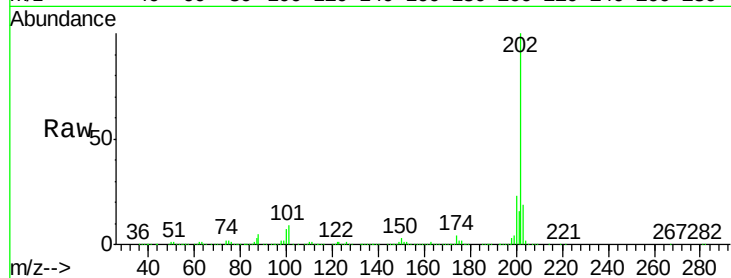
Tgt Ion:202 Resp:12158216

Ion Ratio Lower Upper

202 100

101 8.7 6.9 10.3

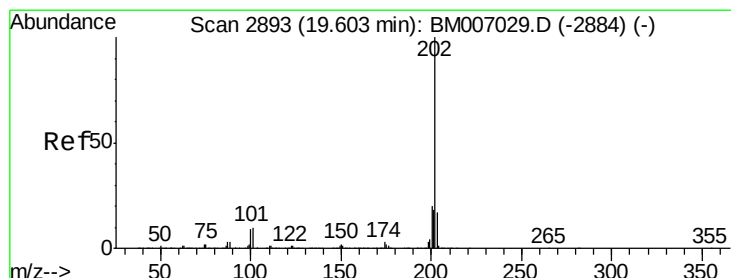
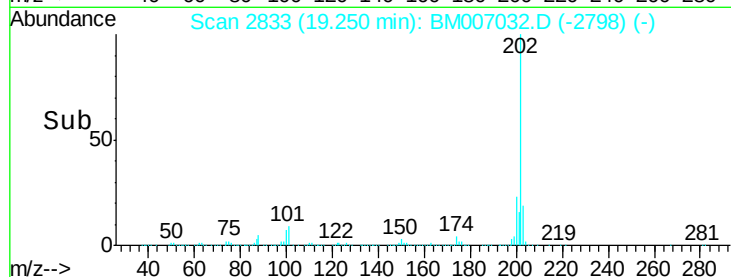
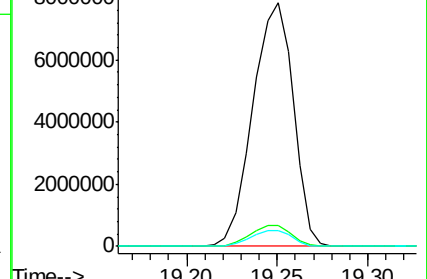
100 6.7 5.4 8.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 121.39 ng/ul

RT: 19.62 min Scan# 2895

Delta R.T. 0.01 min

Lab File: BM007032.D

Acq: 11 Aug 2016 21:23

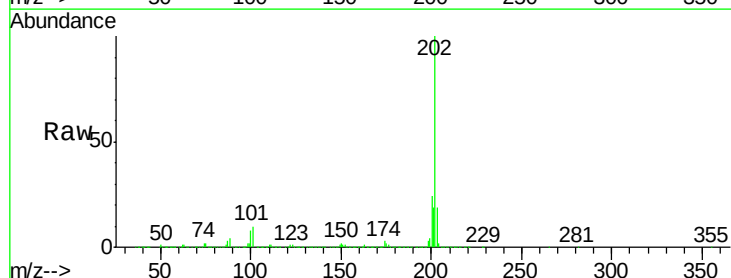
Tgt Ion:202 Resp:12004054

Ion Ratio Lower Upper

202 100

101 10.3 8.4 12.6

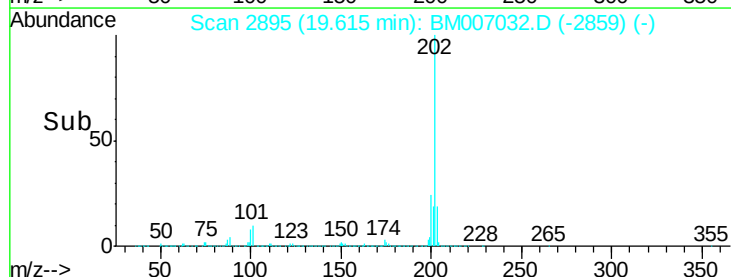
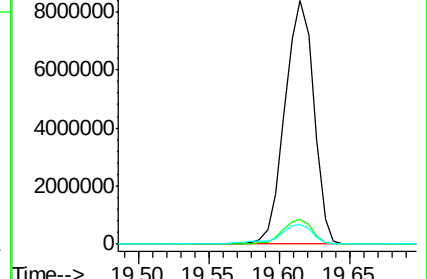
100 8.3 6.9 10.3



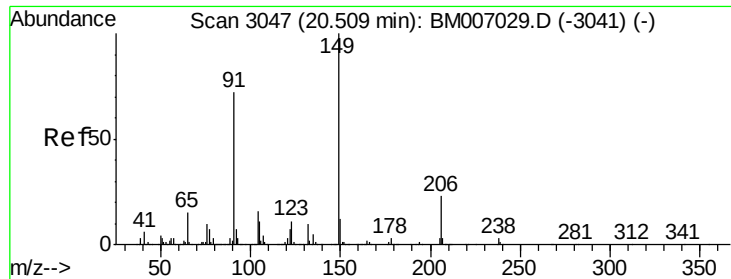
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



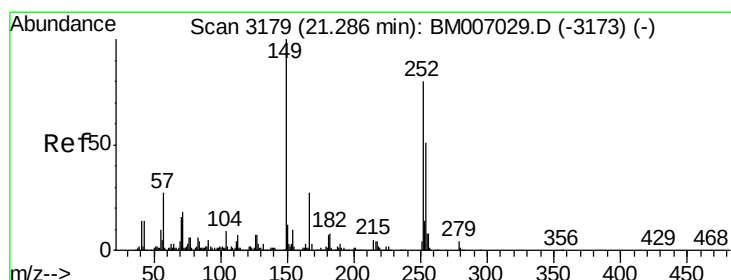
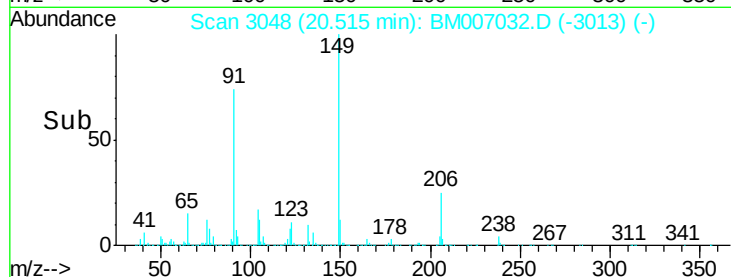
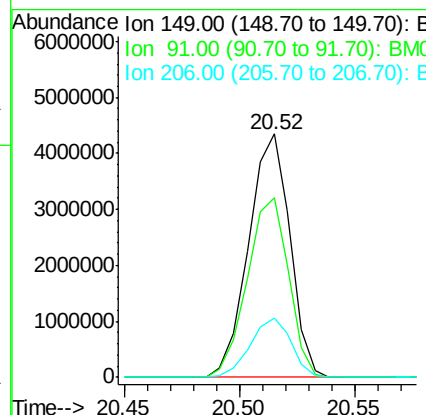
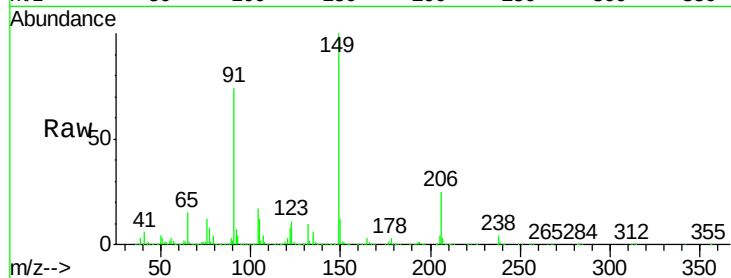




#78  
Butylbenzylphthalate  
Concen: 155.15 ng/ul  
RT: 20.52 min Scan# 3048  
Delta R.T. 0.01 min  
Lab File: BM007032.D  
Acq: 11 Aug 2016 21:23

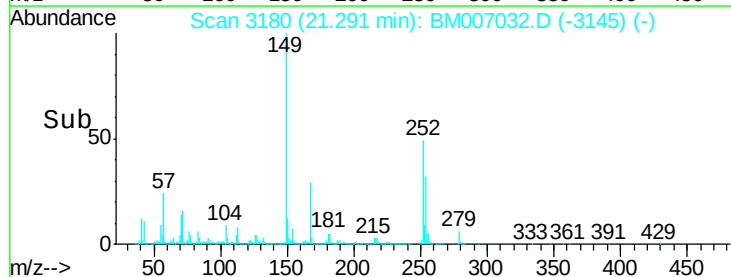
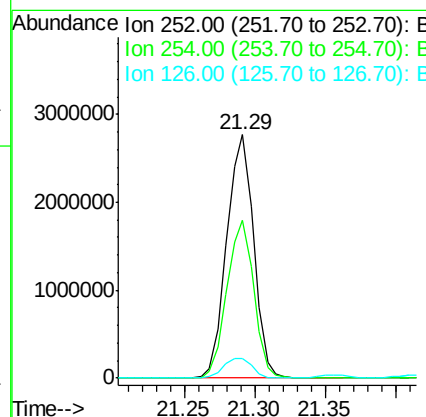
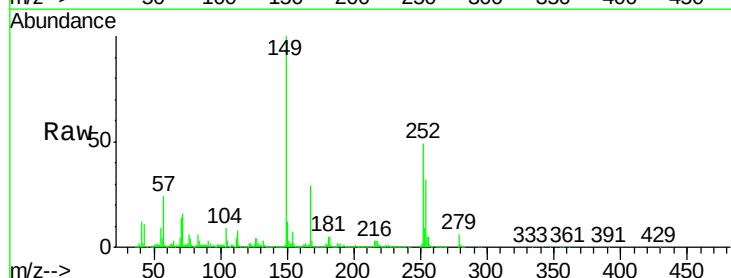
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD16051

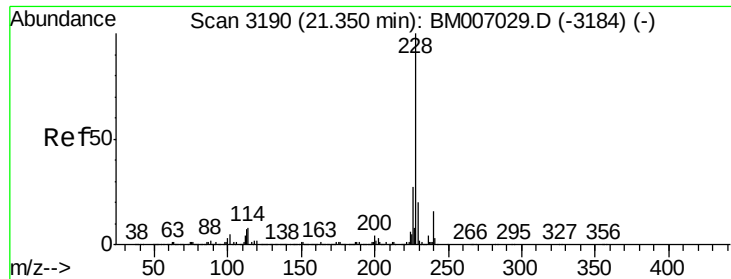
Tgt Ion:149 Resp: 5427750  
Ion Ratio Lower Upper  
149 100  
91 73.6 57.3 85.9  
206 24.6 18.6 27.8



#79  
3,3'-Dichlorobenzidine  
Concen: 123.75 ng/ul  
RT: 21.29 min Scan# 3180  
Delta R.T. 0.01 min  
Lab File: BM007032.D  
Acq: 11 Aug 2016 21:23

Tgt Ion:252 Resp: 3663731  
Ion Ratio Lower Upper  
252 100  
254 64.9 51.0 76.4  
126 8.3 7.1 10.7





#80

Benzo(a)anthracene

Concen: 132.98 ng/ul

RT: 21.36 min Scan# 3191

Delta R.T. 0.01 min

Lab File: BM007032.D

Acq: 11 Aug 2016 21:23

Instrument :

BNA\_M

ClientSampleId :

SSTD16051

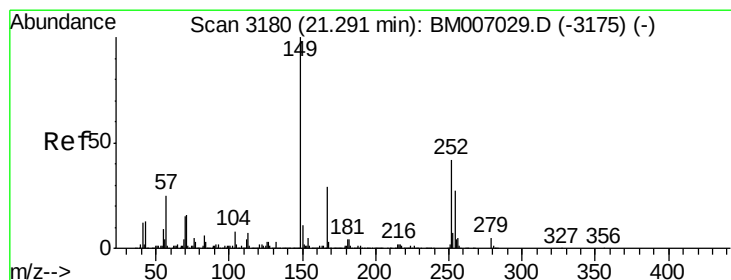
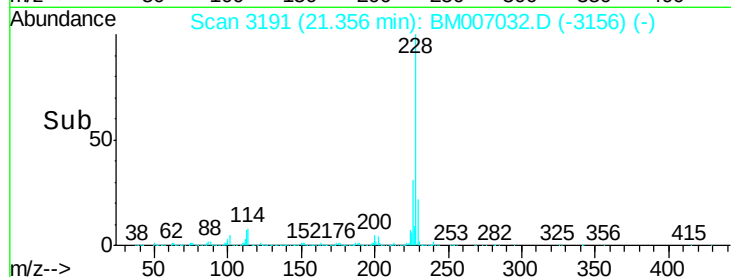
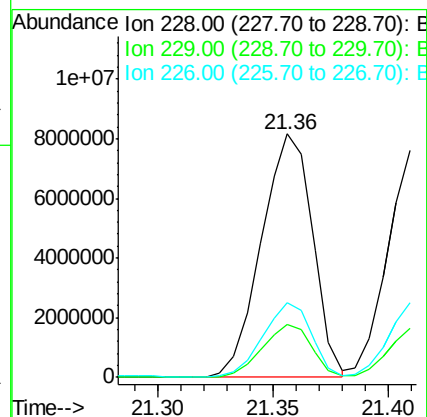
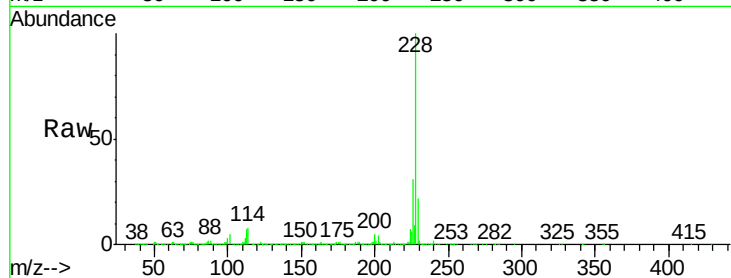
Tgt Ion:228 Resp:12545094

Ion Ratio Lower Upper

228 100

229 21.9 15.6 23.4

226 30.7 21.8 32.8



#81

Bis(2-ethylhexyl)phthalate

Concen: 139.79 ng/ul

RT: 21.29 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BM007032.D

Acq: 11 Aug 2016 21:23

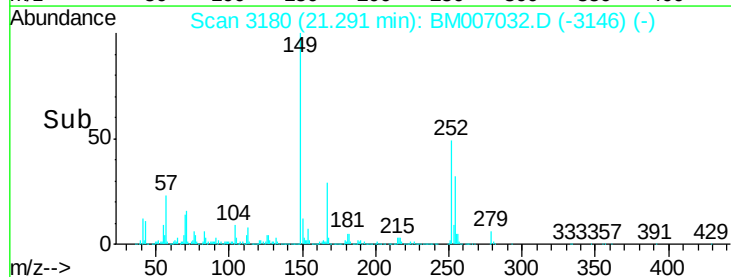
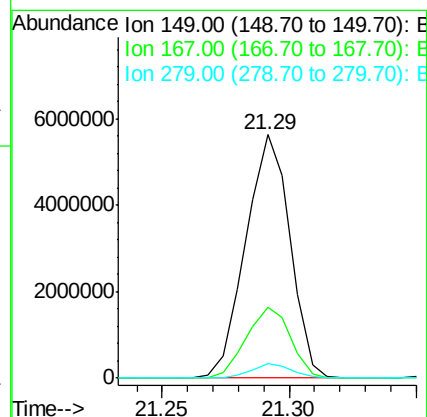
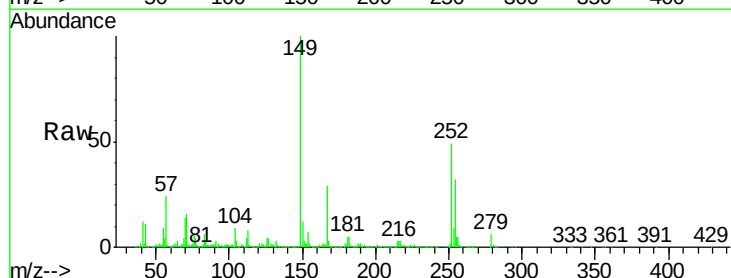
Tgt Ion:149 Resp: 6827674

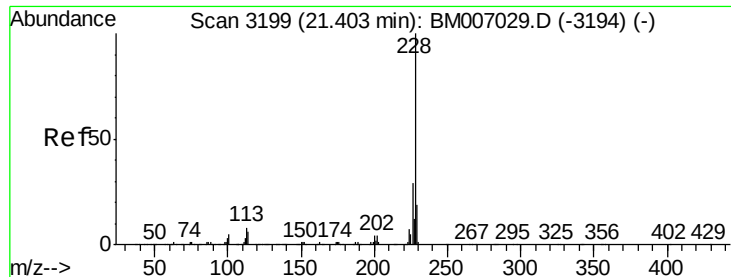
Ion Ratio Lower Upper

149 100

167 29.3 23.2 34.8

279 5.7 4.1 6.1

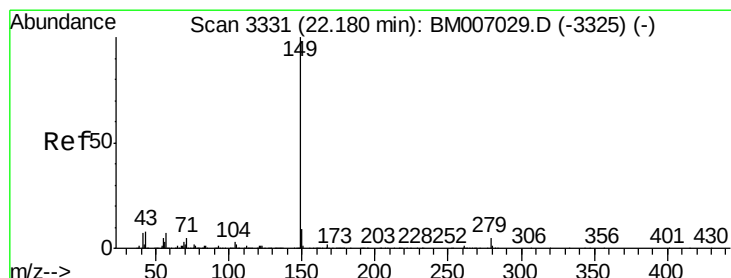
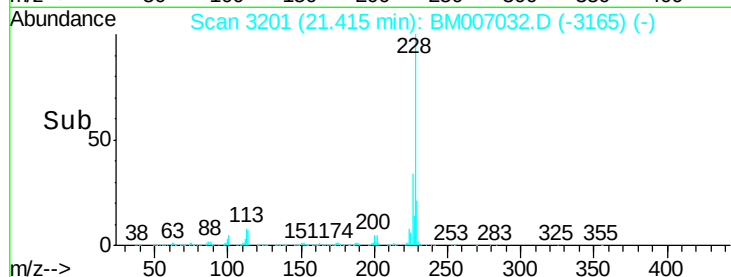
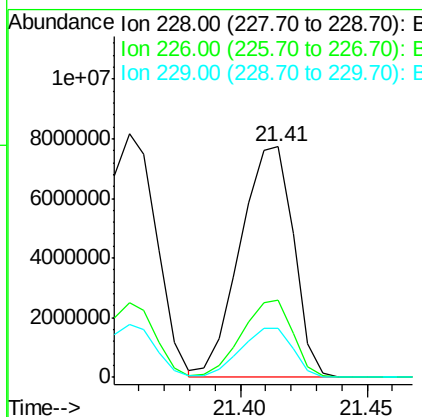
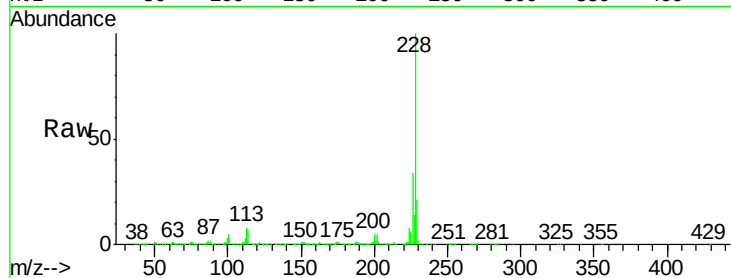




#82  
Chrysene  
Concen: 135.54 ng/ul  
RT: 21.41 min Scan# 3201  
Delta R.T. 0.01 min  
Lab File: BM007032.D  
Acq: 11 Aug 2016 21:23

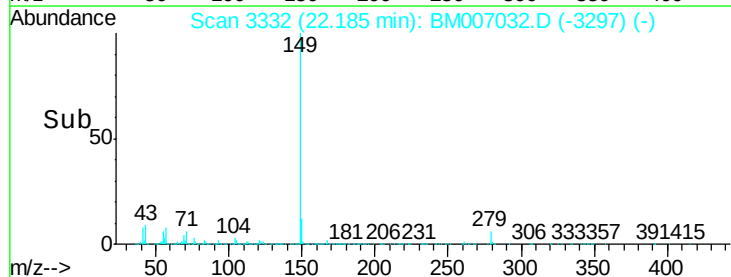
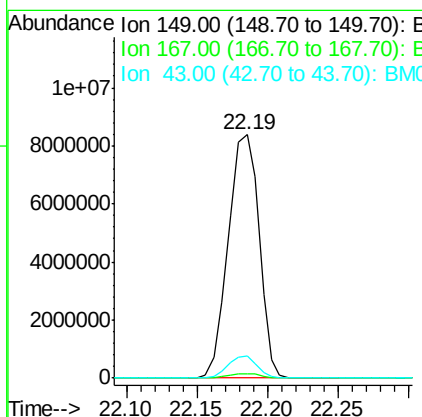
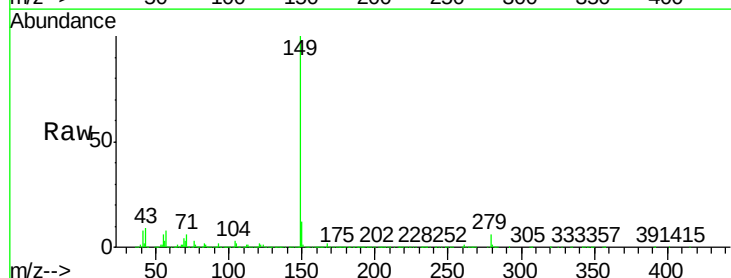
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD16051

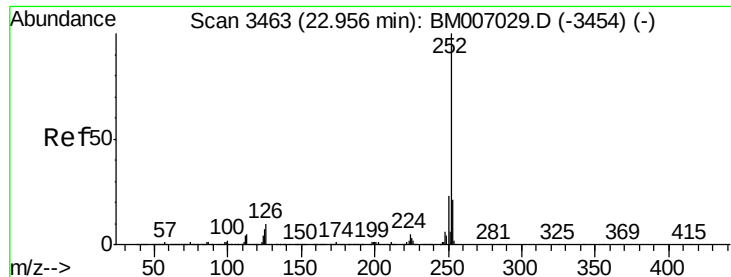
Tgt Ion:228 Resp:11315428  
Ion Ratio Lower Upper  
228 100  
226 33.8 23.4 35.2  
229 21.3 15.5 23.3



#84  
Di-n-octyl phthalate  
Concen: 117.41 ng/ul  
RT: 22.19 min Scan# 3332  
Delta R.T. 0.01 min  
Lab File: BM007032.D  
Acq: 11 Aug 2016 21:23

Tgt Ion:149 Resp:12764277  
Ion Ratio Lower Upper  
149 100  
167 2.0 1.3 1.9#  
43 9.2 6.6 10.0

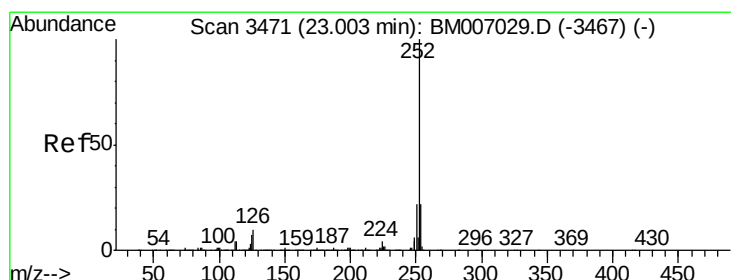
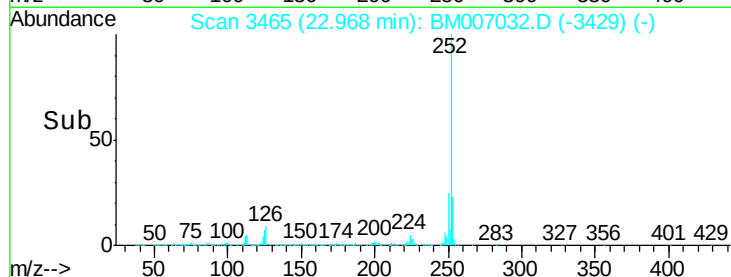
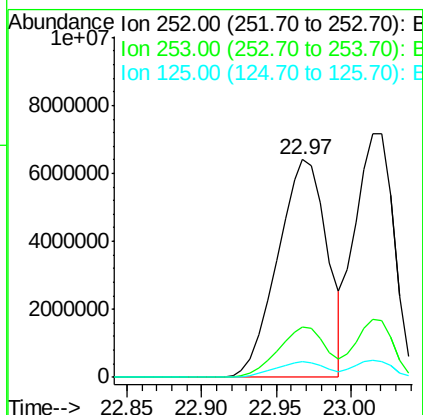
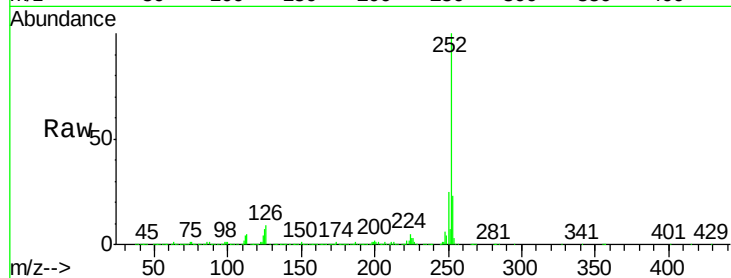




#85  
Benzo(b)fluoranthene  
Concen: 131.81 ng/ul  
RT: 22.97 min Scan# 3465  
Delta R.T. 0.01 min  
Lab File: BM007032.D  
Acq: 11 Aug 2016 21:23

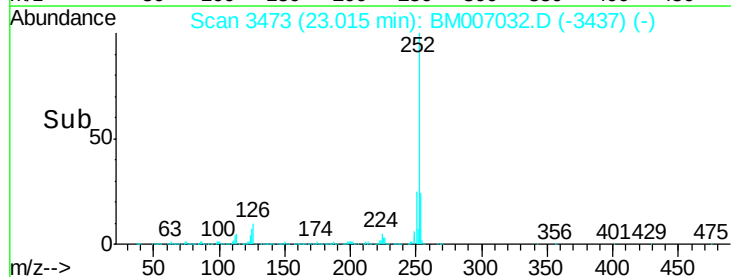
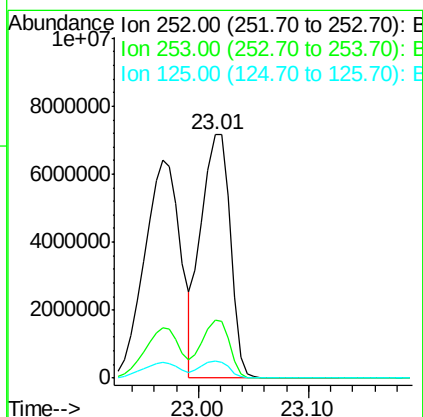
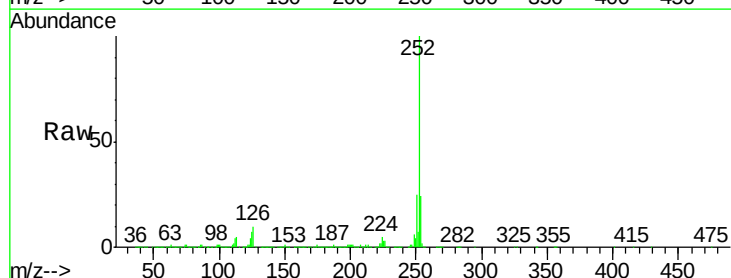
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD16051

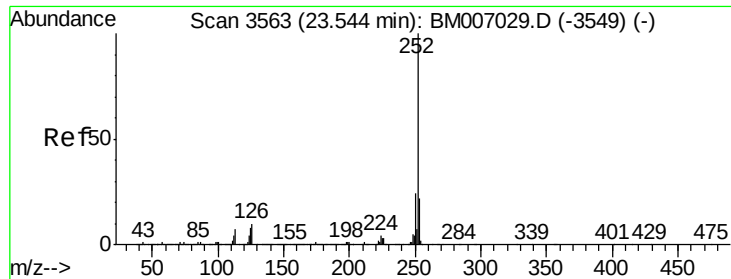
Tgt Ion:252 Resp:14761682  
Ion Ratio Lower Upper  
252 100  
253 23.1 17.1 25.7  
125 7.1 5.8 8.8



#86  
Benzo(k)fluoranthene  
Concen: 120.88 ng/ul  
RT: 23.01 min Scan# 3473  
Delta R.T. 0.01 min  
Lab File: BM007032.D  
Acq: 11 Aug 2016 21:23

Tgt Ion:252 Resp:12973415  
Ion Ratio Lower Upper  
252 100  
253 23.8 17.6 26.4  
125 7.3 5.7 8.5





#88

Benzo(a)pyrene

Concen: 129.55 ng/ul

RT: 23.56 min Scan# 3566

Delta R.T. 0.02 min

Lab File: BM007032.D

Acq: 11 Aug 2016 21:23

Instrument :

BNA\_M

ClientSampleId :

SSTD16051

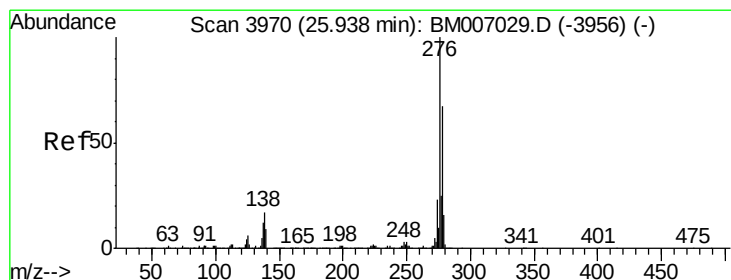
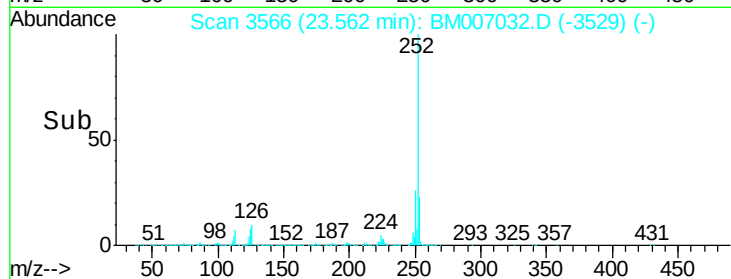
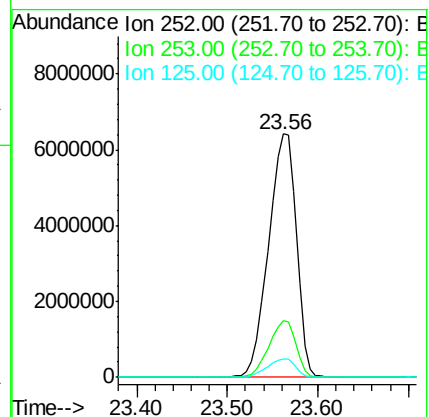
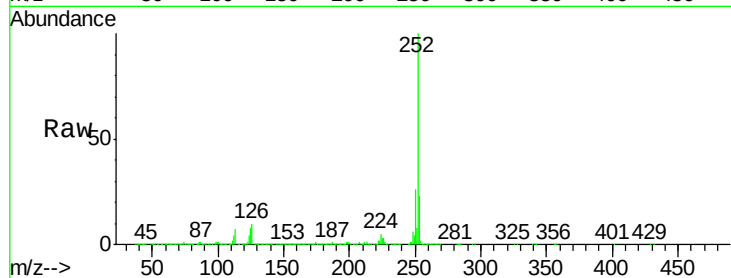
Tgt Ion:252 Resp:13706505

Ion Ratio Lower Upper

252 100

253 23.1 17.7 26.5

125 7.8 6.6 9.8



#89

Indeno(1,2,3-cd)pyrene

Concen: 137.40 ng/ul

RT: 25.97 min Scan# 3975

Delta R.T. 0.03 min

Lab File: BM007032.D

Acq: 11 Aug 2016 21:23

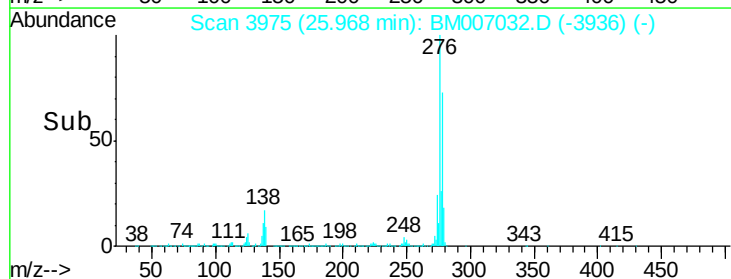
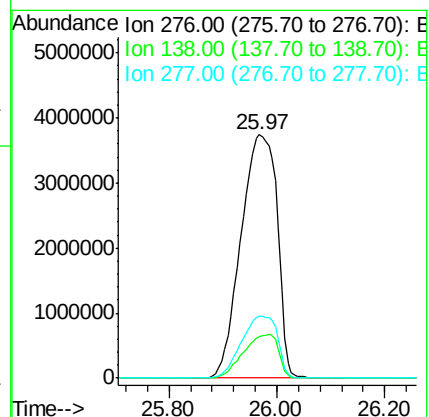
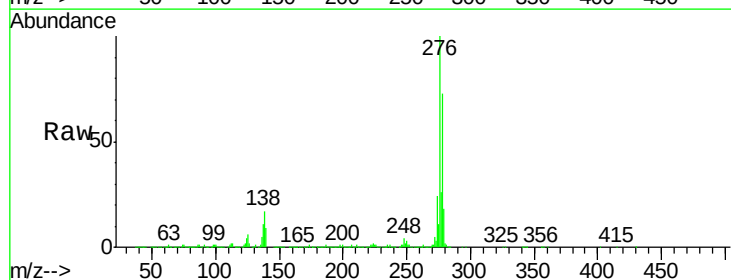
Tgt Ion:276 Resp:17361793

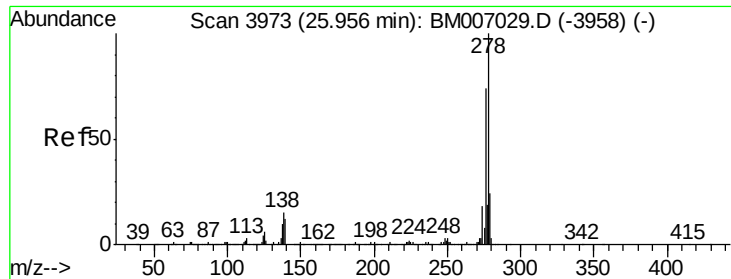
Ion Ratio Lower Upper

276 100

138 16.9 13.9 20.9

277 25.5 20.1 30.1





#90

Dibenzo(a,h)anthracene

Concen: 126.57 ng/ul

RT: 25.99 min Scan# 3979

Delta R.T. 0.04 min

Lab File: BM007032.D

Acq: 11 Aug 2016 21:23

Instrument :

BNA\_M

ClientSampleId :

SSTD16051

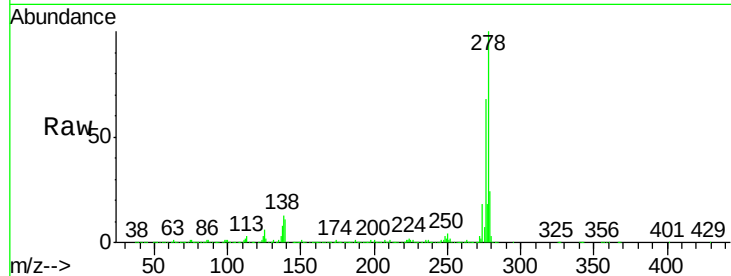
Tgt Ion:278 Resp:13726402

Ion Ratio Lower Upper

278 100

139 11.3 9.5 14.3

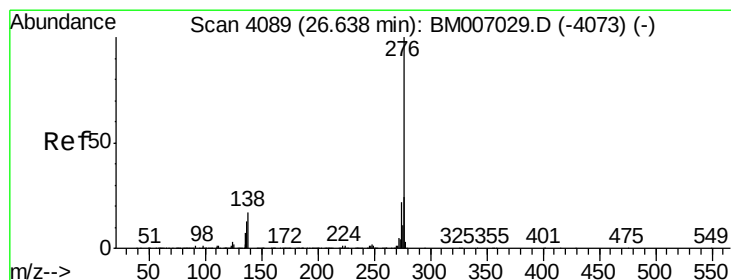
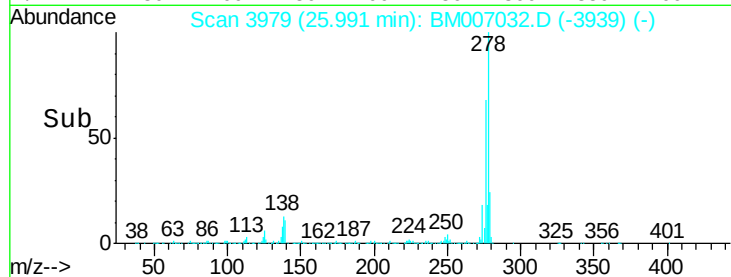
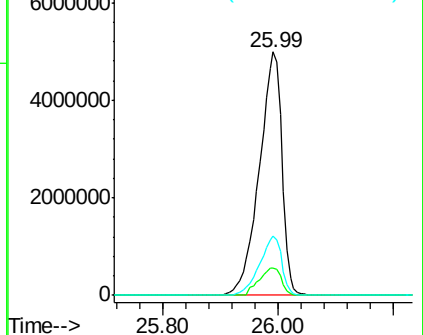
279 24.2 19.1 28.7



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: 150.54 ng/ul

RT: 26.69 min Scan# 4097

Delta R.T. 0.05 min

Lab File: BM007032.D

Acq: 11 Aug 2016 21:23

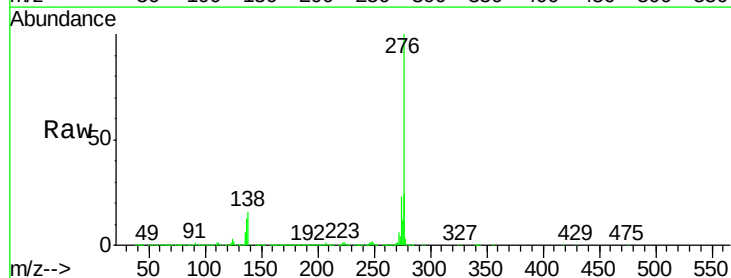
Tgt Ion:276 Resp:15432949

Ion Ratio Lower Upper

276 100

138 15.5 13.5 20.3

277 23.9 19.3 28.9



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

