

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM050916\  
 Data File : BM005367.D  
 Acq On : 09 May 2016 19:53  
 Operator : UM/SJ  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02058

Quant Time: May 10 04:26:18 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM050516.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue May 10 04:23:52 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.77  | 152  | 99459    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.56 | 136  | 452729   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.41 | 164  | 274711   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.16 | 188  | 634597   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.36 | 240  | 651157   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.63 | 264  | 539426   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.27  | 96  | 15706  | 7.42  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.94  | 99  | 177628 | 19.69 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.10  | 67  | 99939  | 19.42 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.30  | 132 | 138995 | 20.40 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.48  | 113 | 143382 | 19.23 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.93  | 128 | 68854  | 21.30 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.65  | 143 | 80498  | 22.00 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.18 | 165 | 144694 | 21.27 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.70 | 131 | 191217 | 23.36 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.82 | 166 | 434289 | 19.72 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.10 | 160 | 537631 | 20.82 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.63 | 143 | 73930  | 18.39 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.40 | 176 | 380750 | 20.02 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.54 | 200 | 71447  | 20.01 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.26 | 188 | 599495 | 21.37 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.56 | 212 | 666249 | 22.17 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.48 | 264 | 503960 | 21.11 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |       |        | Qvalue |
|--------------------------------|-------|-----|--------|-------|--------|--------|
| 2) 1,4-Dioxane                 | 3.30  | 88  | 28248  | 7.32  | ng/uL# | 94     |
| 4) Benzaldehyde                | 6.92  | 77  | 112452 | 25.73 | ng/ul  | 99     |
| 6) Phenol                      | 6.97  | 94  | 182862 | 19.61 | ng/ul  | 99     |
| 8) Bis(2-Chloroethyl)ether     | 7.20  | 93  | 136746 | 19.48 | ng/ul  | 98     |
| 10) 2-Chlorophenol             | 7.33  | 128 | 139779 | 20.06 | ng/ul  | 99     |
| 11) 2-Methylphenol             | 8.21  | 108 | 140896 | 19.55 | ng/ul  | 96     |
| 12) 2,2'-oxybis(1-Chloropropan | 8.30  | 45  | 184347 | 19.36 | ng/ul  | 99     |
| 14) Acetophenone               | 8.59  | 105 | 221586 | 20.06 | ng/ul  | 98     |
| 15) N-Nitroso-di-n-propylamine | 8.57  | 70  | 111694 | 19.35 | ng/ul  | 97     |
| 16) 4-Methylphenol             | 8.54  | 108 | 156212 | 19.53 | ng/ul  | 97     |
| 17) Hexachloroethane           | 8.84  | 117 | 54567  | 20.81 | ng/ul  | 93     |
| 20) Nitrobenzene               | 8.97  | 77  | 166856 | 20.62 | ng/ul  | 97     |
| 21) Isophorone                 | 9.49  | 82  | 317742 | 20.22 | ng/ul  | 99     |
| 23) 2-Nitrophenol              | 9.67  | 139 | 83996  | 21.30 | ng/ul  | 99     |
| 24) 2,4-Dimethylphenol         | 9.73  | 107 | 173081 | 20.69 | ng/ul  | 97     |
| 25) Bis(2-Chloroethoxy)methane | 9.97  | 93  | 188702 | 19.28 | ng/ul  | 99     |
| 27) 2,4-Dichlorophenol         | 10.21 | 162 | 146664 | 21.05 | ng/ul  | 98     |
| 28) Naphthalene                | 10.60 | 128 | 465748 | 20.45 | ng/ul  | 99     |
| 30) 4-Chloroaniline            | 10.72 | 127 | 192042 | 23.00 | ng/ul  | 98     |
| 31) Hexachlorobutadiene        | 10.89 | 225 | 91657  | 22.14 | ng/ul  | 99     |
| 32) Caprolactam                | 11.49 | 113 | 33991  | 13.10 | ng/ul  | 96     |
| 33) 4-Chloro-3-methylphenol    | 11.85 | 107 | 169309 | 20.27 | ng/ul  | 99     |
| 34) 2-Methylnaphthalene        | 12.22 | 142 | 343256 | 20.15 | ng/ul  | 100    |

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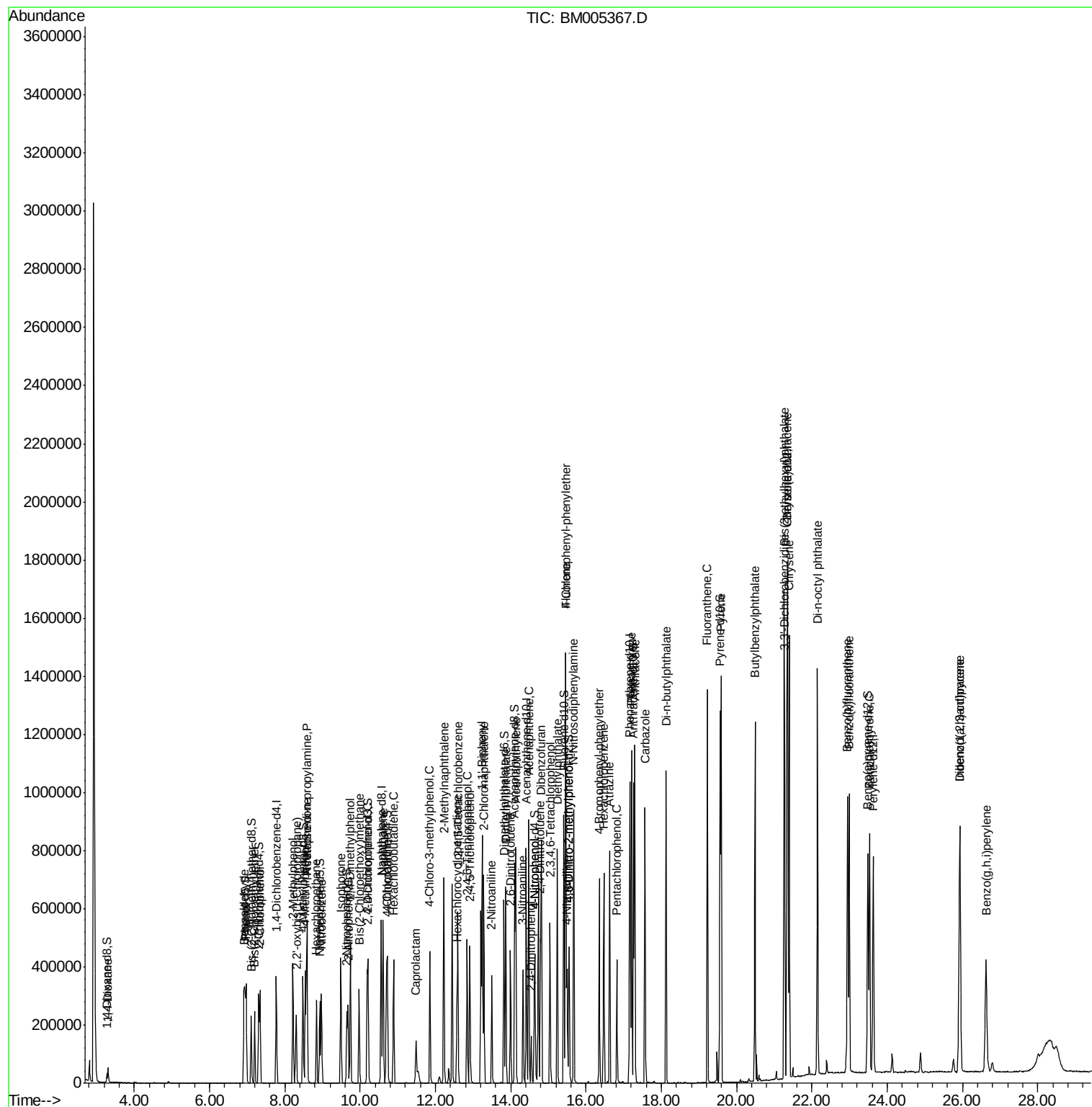
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.59 | 216  | 180596   | 21.61 | ng/ul  | 98       |
| 37) Hexachlorocyclopentadiene  | 12.57 | 237  | 77530    | 18.16 | ng/ul  | 98       |
| 38) 2,4,6-Trichlorophenol      | 12.84 | 196  | 118894   | 21.36 | ng/ul  | 95       |
| 39) 2,4,5-Trichlorophenol      | 12.91 | 196  | 128753   | 20.85 | ng/ul  | 98       |
| 40) 1,1'-Biphenyl              | 13.24 | 154  | 447923   | 20.58 | ng/ul  | 100      |
| 41) 2-Chloronaphthalene        | 13.28 | 162  | 347145   | 21.10 | ng/ul  | 98       |
| 42) 2-Nitroaniline             | 13.49 | 65   | 109260   | 21.57 | ng/ul  | 95       |
| 44) Dimethylphthalate          | 13.87 | 163  | 432594   | 19.66 | ng/ul  | 100      |
| 45) 2,6-Dinitrotoluene         | 13.99 | 165  | 93114    | 21.46 | ng/ul# | 91       |
| 47) Acenaphthylene             | 14.13 | 152  | 568243   | 20.80 | ng/ul  | 100      |
| 48) 3-Nitroaniline             | 14.33 | 138  | 99859    | 21.59 | ng/ul  | 99       |
| 49) Acenaphthene               | 14.47 | 153  | 370243   | 20.56 | ng/ul  | 99       |
| 50) 2,4-Dinitrophenol          | 14.54 | 184  | 39203    | 15.70 | ng/ul  | 97       |
| 52) 4-Nitrophenol              | 14.64 | 109  | 64082    | 19.18 | ng/ul  | 93       |
| 53) Dibenzofuran               | 14.81 | 168  | 532470   | 20.38 | ng/ul  | 99       |
| 54) 2,4-Dinitrotoluene         | 14.79 | 165  | 135760   | 20.98 | ng/ul  | 97       |
| 55) 2,3,4,6-Tetrachlorophenol  | 15.04 | 232  | 109907   | 20.93 | ng/ul# | 96       |
| 56) Diethylphthalate           | 15.23 | 149  | 441667   | 19.87 | ng/ul  | 99       |
| 58) Fluorene                   | 15.46 | 166  | 416760   | 20.40 | ng/ul  | 100      |
| 59) 4-Chlorophenyl-phenylether | 15.46 | 204  | 207149   | 20.47 | ng/ul  | 98       |
| 60) 4-Nitroaniline             | 15.49 | 138  | 103040   | 21.02 | ng/ul  | 96       |
| 63) 4,6-Dinitro-2-methylphenol | 15.55 | 198  | 73208    | 19.52 | ng/ul# | 92       |
| 64) N-Nitrosodiphenylamine     | 15.67 | 169  | 371597   | 21.38 | ng/ul  | 99       |
| 65) 4-Bromophenyl-phenylether  | 16.35 | 248  | 133470   | 21.94 | ng/ul  | 96       |
| 66) Hexachlorobenzene          | 16.47 | 284  | 148178   | 21.71 | ng/ul  | 98       |
| 67) Atrazine                   | 16.62 | 200  | 141880   | 22.37 | ng/ul  | 100      |
| 68) Pentachlorophenol          | 16.82 | 266  | 79730    | 21.03 | ng/ul  | 97       |
| 69) Phenanthrene               | 17.20 | 178  | 690937   | 20.71 | ng/ul  | 100      |
| 71) Anthracene                 | 17.29 | 178  | 704059   | 21.16 | ng/ul  | 100      |
| 72) Carbazole                  | 17.57 | 167  | 641922   | 21.93 | ng/ul  | 99       |
| 73) Di-n-butylphthalate        | 18.12 | 149  | 767363   | 21.49 | ng/ul  | 100      |
| 74) Fluoranthene               | 19.22 | 202  | 824522   | 22.30 | ng/ul  | 98       |
| 77) Pyrene                     | 19.59 | 202  | 831129   | 22.01 | ng/ul  | 98       |
| 78) Butylbenzylphthalate       | 20.49 | 149  | 368508   | 23.50 | ng/ul  | 97       |
| 79) 3,3'-Dichlorobenzidine     | 21.27 | 252  | 253217   | 21.63 | ng/ul  | 99       |
| 80) Benzo(a)anthracene         | 21.34 | 228  | 770472   | 20.57 | ng/ul  | 99       |
| 81) Bis(2-ethylhexyl)phthalate | 21.26 | 149  | 518267   | 23.79 | ng/ul  | 99       |
| 82) Chrysene                   | 21.39 | 228  | 740858   | 20.85 | ng/ul  | 99       |
| 84) Di-n-octyl phthalate       | 22.14 | 149  | 922351   | 29.27 | ng/ul  | 98       |
| 85) Benzo(b)fluoranthene       | 22.94 | 252  | 692650   | 21.97 | ng/ul  | 98       |
| 86) Benzo(k)fluoranthene       | 22.99 | 252  | 673017   | 22.67 | ng/ul  | 99       |
| 88) Benzo(a)pyrene             | 23.53 | 252  | 626888   | 21.02 | ng/ul  | 99       |
| 89) Indeno(1,2,3-cd)pyrene     | 25.92 | 276  | 592806   | 18.22 | ng/ul  | 98       |
| 90) Dibenzo(a,h)anthracene     | 25.93 | 278  | 507023   | 18.62 | ng/ul  | 98       |
| 91) Benzo(g,h,i)perylene       | 26.62 | 276  | 481379   | 17.47 | ng/ul  | 98       |

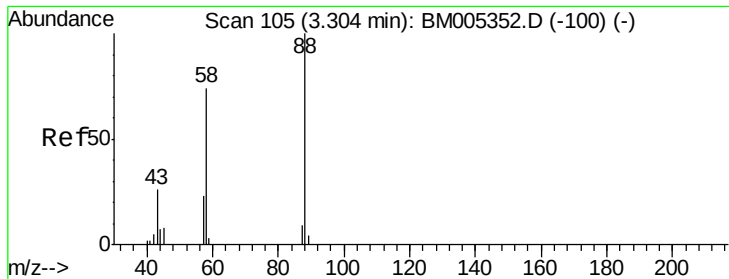
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 7.32 ng/uL

RT: 3.30 min Scan# 105

Delta R.T. -0.00 min

Lab File: BM005367.D

Acq: 09 May 2016 19:53

Instrument :

BNA\_M

ClientSampleId :

SSTD02058

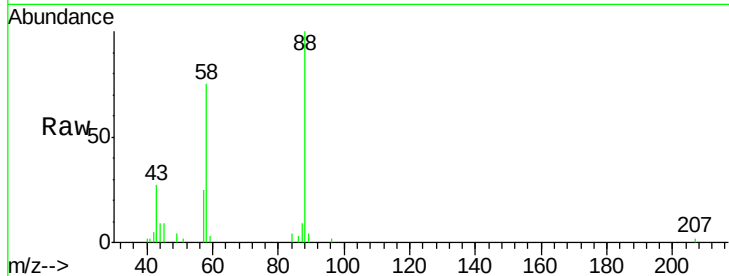
Tgt Ion: 88 Resp: 28248

Ion Ratio Lower Upper

88 100

43 29.8 19.3 28.9#

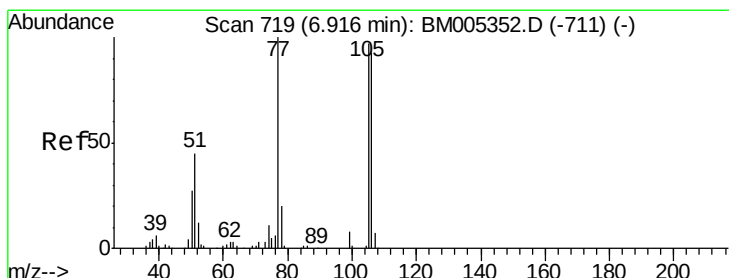
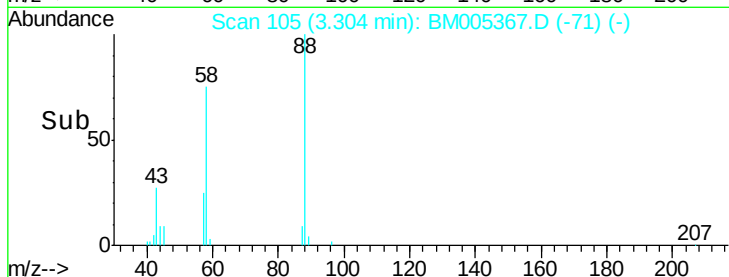
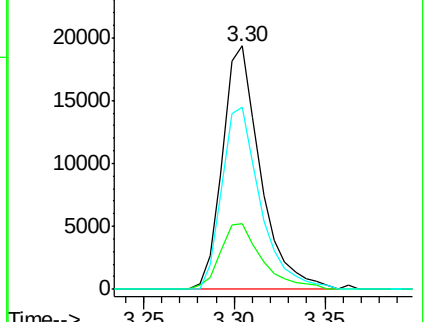
58 75.9 57.9 86.9



Abundance Ion 88.00 (87.70 to 88.70): BM005367.D (-71) (-)

Ion 43.00 (42.70 to 43.70): BM005367.D (-71) (-)

Ion 58.00 (57.70 to 58.70): BM005367.D (-71) (-)



#4

Benzaldehyde

Concen: 25.73 ng/uL

RT: 6.92 min Scan# 719

Delta R.T. -0.00 min

Lab File: BM005367.D

Acq: 09 May 2016 19:53

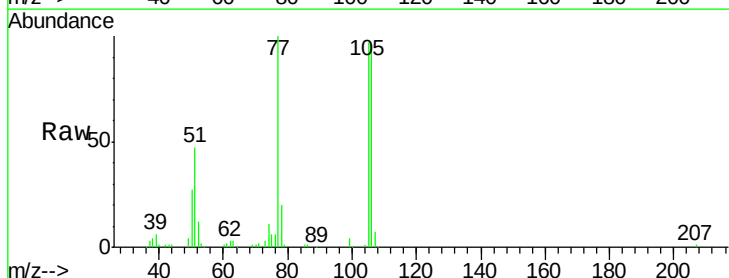
Tgt Ion: 77 Resp: 112452

Ion Ratio Lower Upper

77 100

105 97.4 77.6 116.4

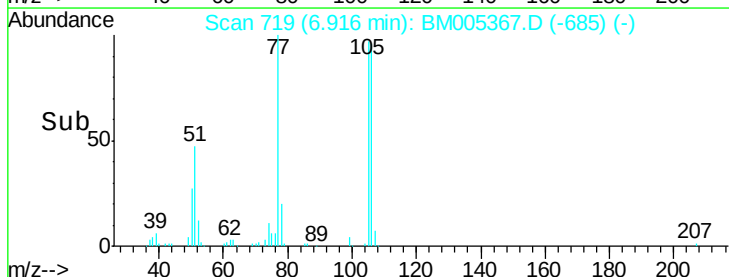
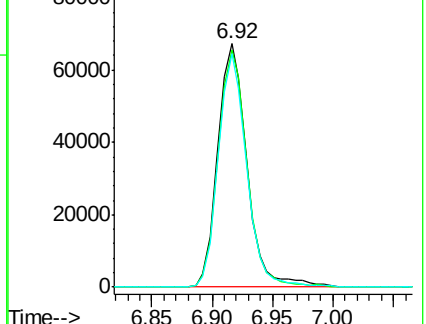
106 95.8 77.9 116.9

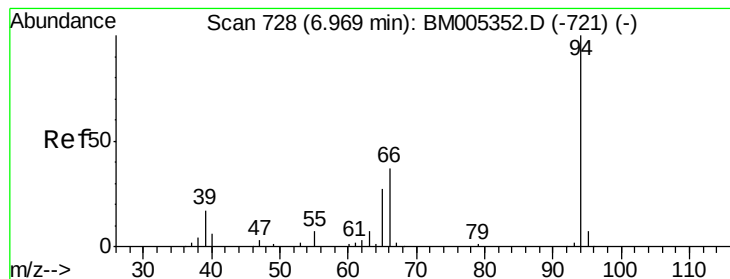


Abundance Ion 77.00 (76.70 to 77.70): BM005367.D (-685) (-)

Ion 105.00 (104.70 to 105.70): BM005367.D (-685) (-)

Ion 106.00 (105.70 to 106.70): BM005367.D (-685) (-)





#6

Phenol

Concen: 19.61 ng/ul

RT: 6.97 min Scan# 728

Delta R.T. -0.00 min

Lab File: BM005367.D

Acq: 09 May 2016 19:53

Instrument :

BNA\_M

ClientSampleId :

SSTD02058

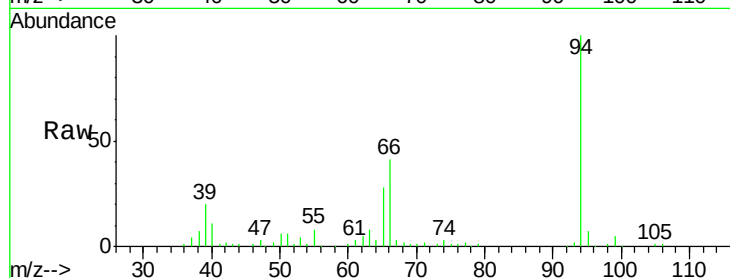
Tgt Ion: 94 Resp: 182862

Ion Ratio Lower Upper

94 100

65 28.4 22.7 34.1

66 40.6 31.7 47.5



Abundance Ion 94.00 (93.70 to 94.70): BM005352.D (-721) (-)

Ion 65.00 (64.70 to 65.70): BM005352.D (-721) (-)

Ion 66.00 (65.70 to 66.70): BM005352.D (-721) (-)

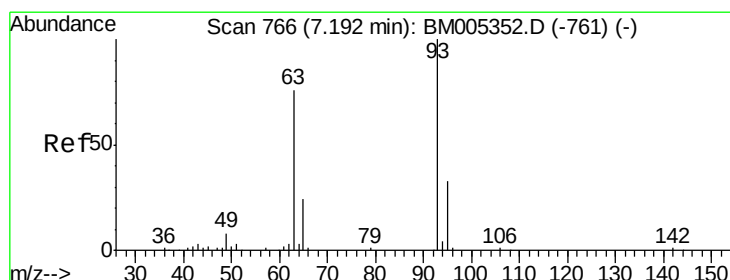
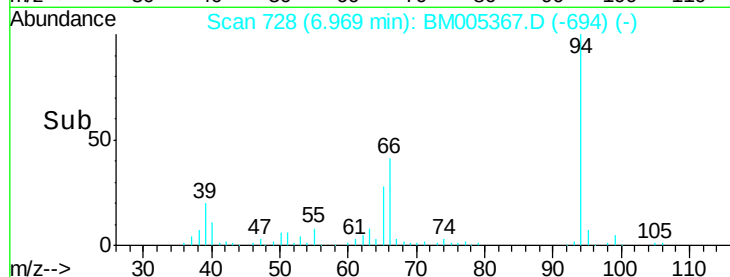
6.97

100000

50000

0

Time-->



#8

Bis(2-Chloroethyl)ether

Concen: 19.48 ng/ul

RT: 7.20 min Scan# 767

Delta R.T. 0.01 min

Lab File: BM005367.D

Acq: 09 May 2016 19:53

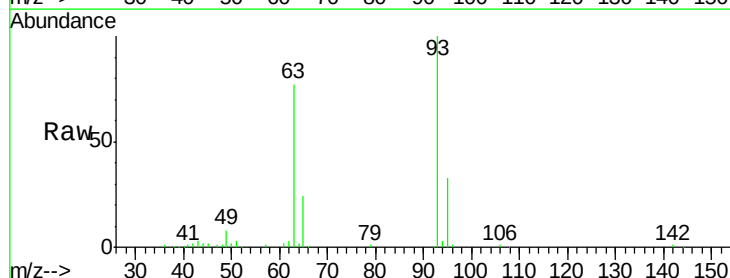
Tgt Ion: 93 Resp: 136746

Ion Ratio Lower Upper

93 100

63 76.7 60.6 90.8

95 32.6 24.2 36.4



Abundance Ion 93.00 (92.70 to 93.70): BM005352.D (-761) (-)

Ion 63.00 (62.70 to 63.70): BM005352.D (-761) (-)

Ion 95.00 (94.70 to 95.70): BM005352.D (-761) (-)

7.20

120000

100000

80000

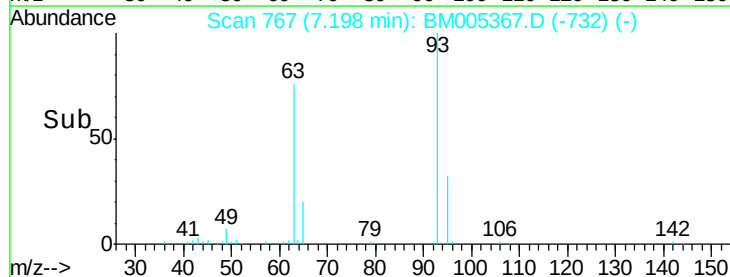
60000

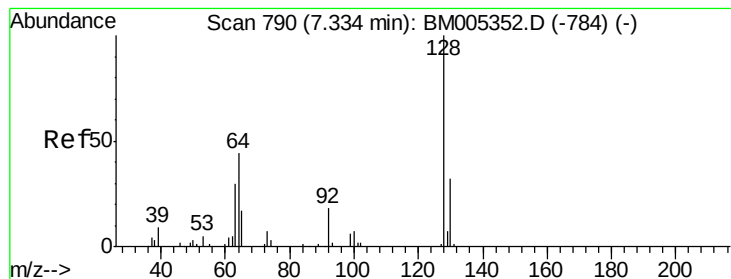
40000

20000

0

Time-->





#10

2-Chlorophenol

Concen: 20.06 ng/ul

RT: 7.33 min Scan# 790

Delta R.T. -0.00 min

Lab File: BM005367.D

Acq: 09 May 2016 19:53

Instrument :

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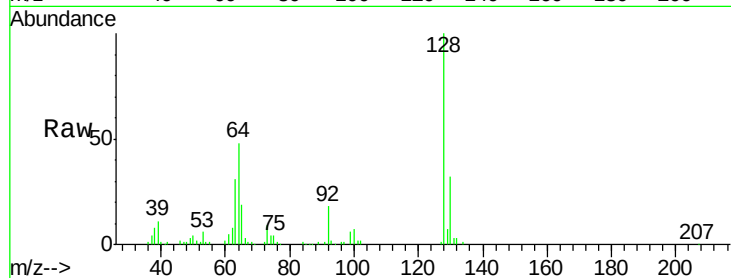
Tgt Ion:128 Resp: 139779

Ion Ratio Lower Upper

128 100

64 48.1 37.8 56.8

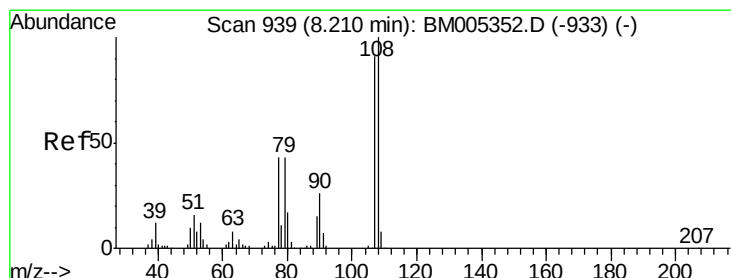
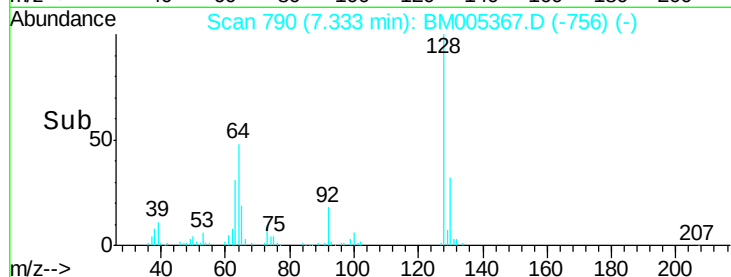
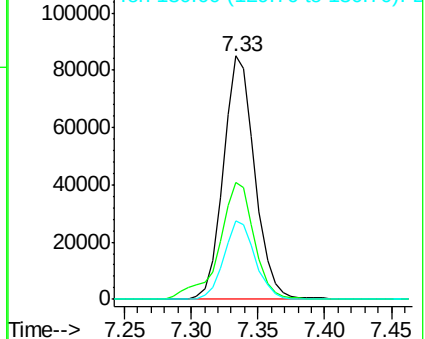
130 32.0 24.9 37.3



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: 19.55 ng/ul

RT: 8.21 min Scan# 939

Delta R.T. -0.00 min

Lab File: BM005367.D

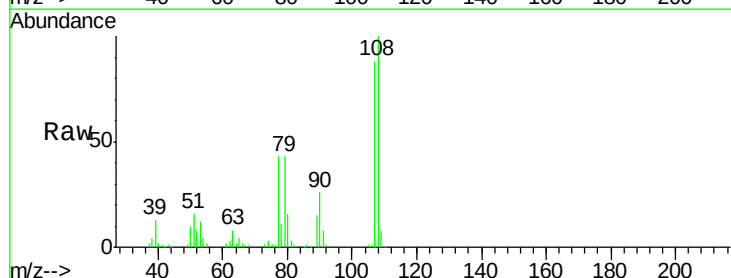
Acq: 09 May 2016 19:53

Tgt Ion:108 Resp: 140896

Ion Ratio Lower Upper

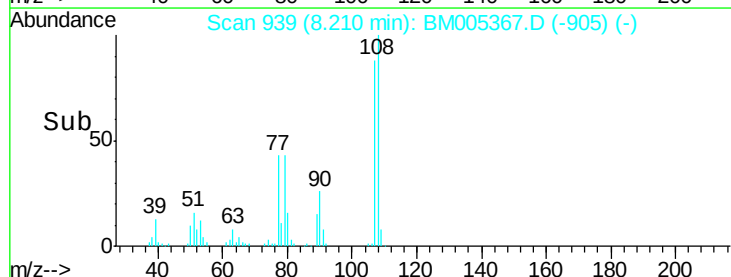
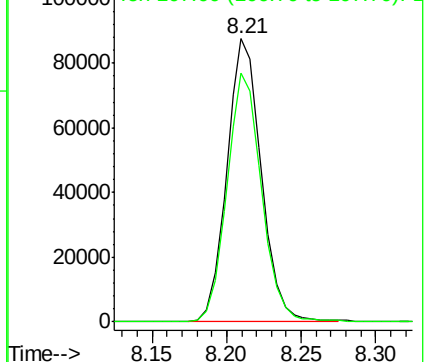
108 100

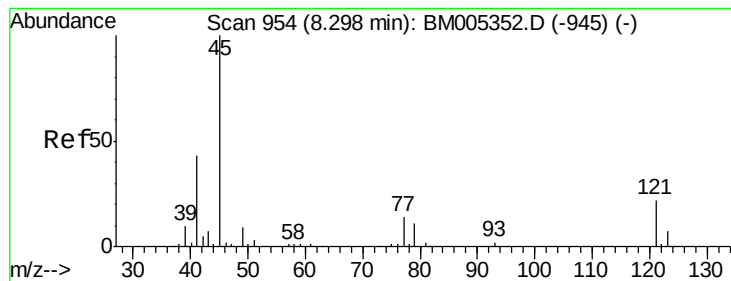
107 87.9 73.4 110.0



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: 19.36 ng/ul

RT: 8.30 min Scan# 955

Delta R.T. 0.01 min

Lab File: BM005367.D

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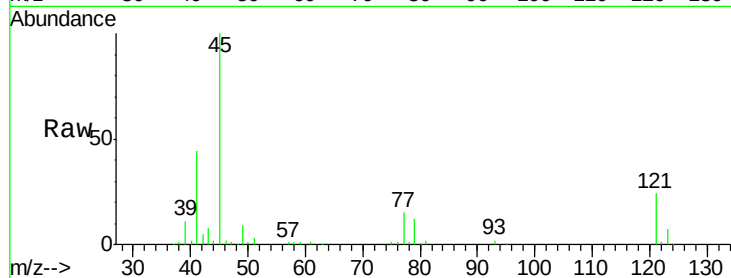
Tgt Ion: 45 Resp: 184347

Ion Ratio Lower Upper

45 100

77 14.8 12.1 18.1

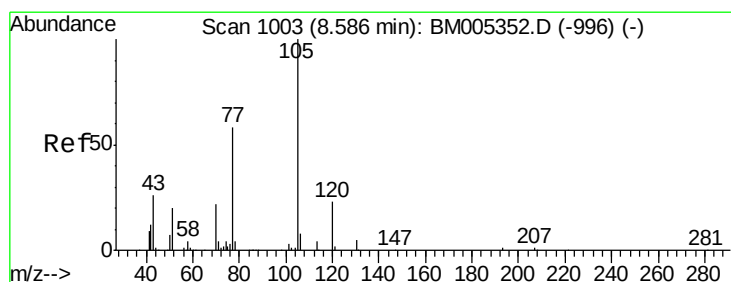
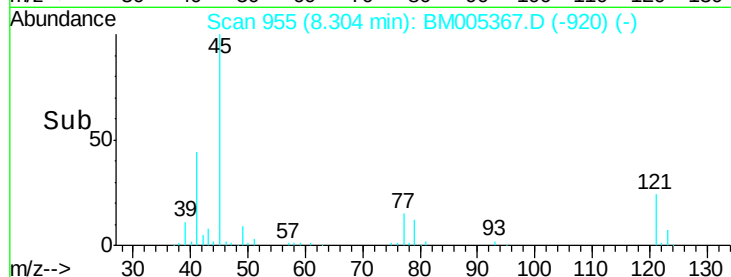
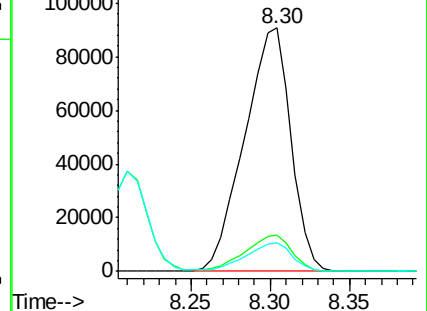
79 11.6 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): BM005352.D (-945) (-)

Ion 77.00 (76.70 to 77.70): BM005352.D (-945) (-)

Ion 79.00 (78.70 to 79.70): BM005352.D (-945) (-)



#14

Acetophenone

Concen: 20.06 ng/ul

RT: 8.59 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BM005367.D

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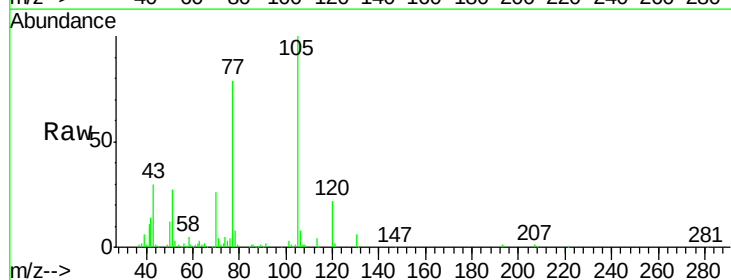
Tgt Ion: 105 Resp: 221586

Ion Ratio Lower Upper

105 100

77 78.9 61.2 91.8

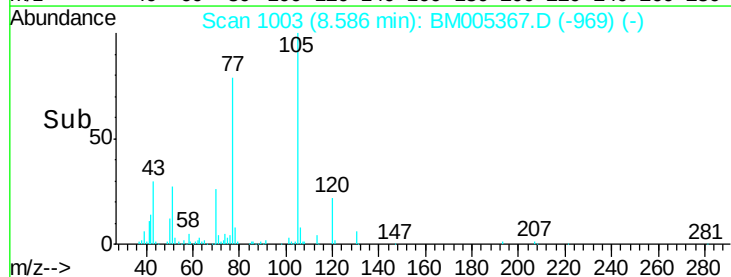
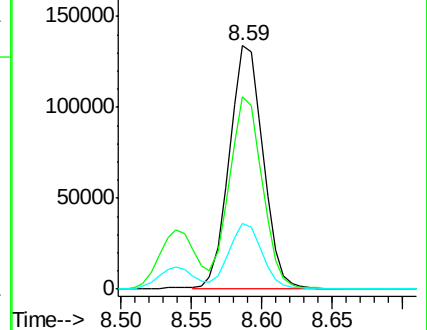
51 27.0 21.2 31.8



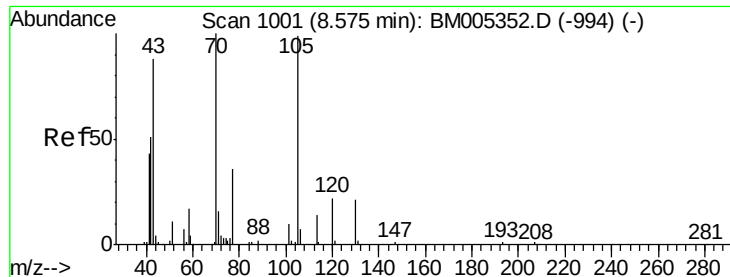
Abundance Ion 105.00 (104.70 to 105.70): BM005352.D (-996) (-)

Ion 77.00 (76.70 to 77.70): BM005352.D (-996) (-)

Ion 51.00 (50.70 to 51.70): BM005352.D (-996) (-)



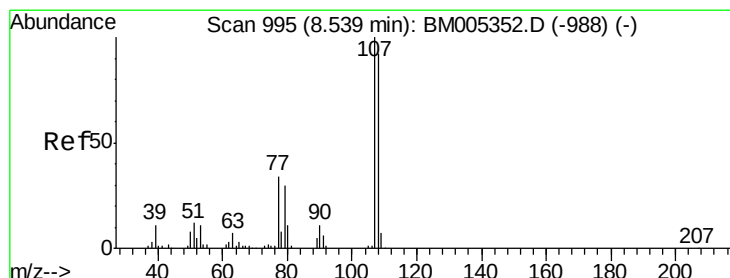
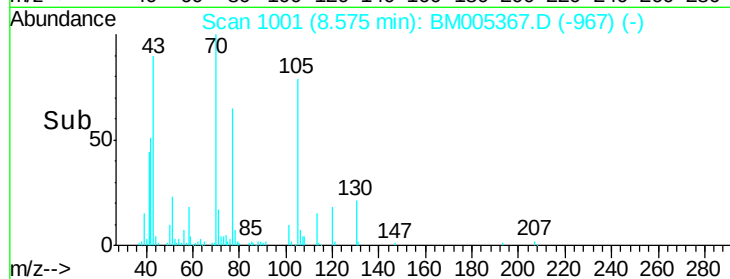
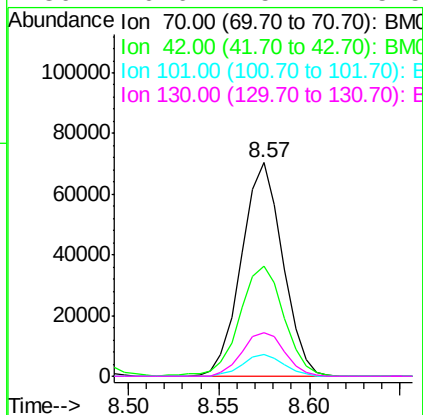
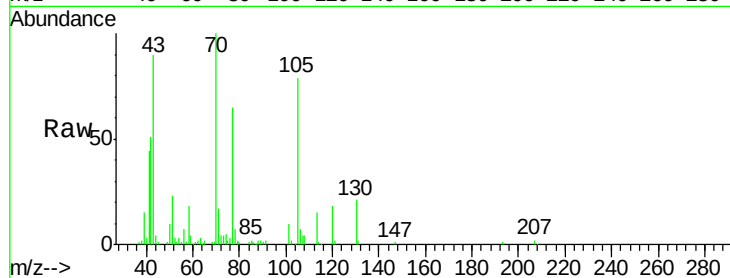




#15  
N-Nitroso-di-n-propylamine  
Concen: 19.35 ng/ul  
RT: 8.57 min Scan# 1001  
Delta R.T. -0.00 min  
Lab File: BM005367.D  
Acq: 09 May 2016 19:53

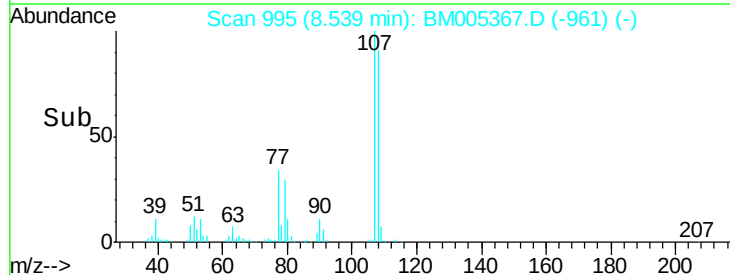
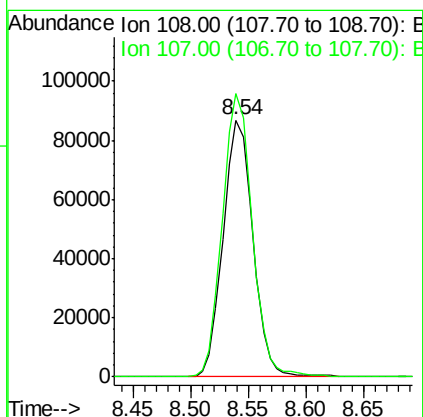
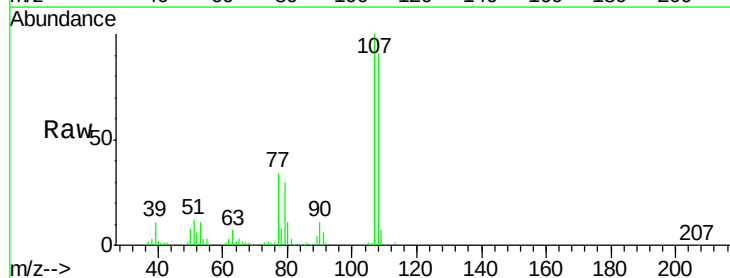
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02058

Tgt Ion: 70 Resp: 111694  
Ion Ratio Lower Upper  
70 100  
42 51.4 42.8 64.2  
101 9.9 7.8 11.6  
130 20.6 15.7 23.5

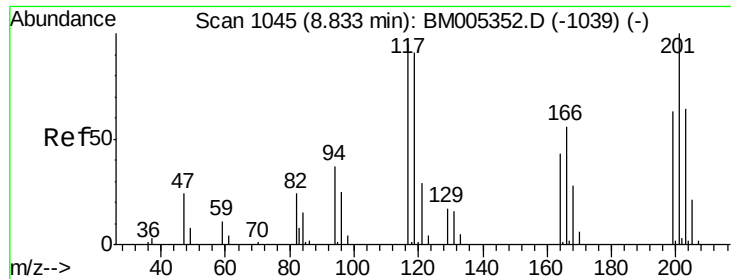


#16  
4-Methylphenol  
Concen: 19.53 ng/ul  
RT: 8.54 min Scan# 995  
Delta R.T. -0.00 min  
Lab File: BM005367.D  
Acq: 09 May 2016 19:53

Tgt Ion: 108 Resp: 156212  
Ion Ratio Lower Upper  
108 100  
107 110.2 91.1 136.7







#17

Hexachloroethane

Concen: 20.81 ng/ul

RT: 8.84 min Scan# 1046

Delta R.T. 0.01 min

Lab File: BM005367.D

Acq: 09 May 2016 19:53

Instrument :

BNA\_M

ClientSampleId :

SSTD02058

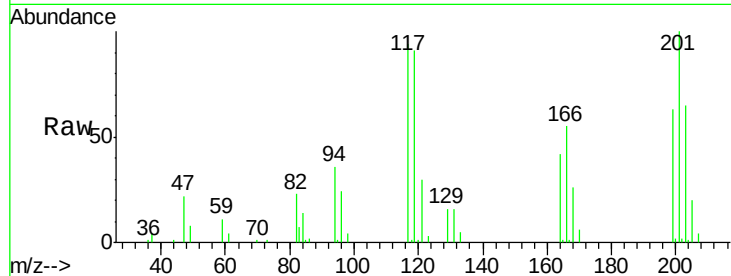
Tgt Ion:117 Resp: 54567

Ion Ratio Lower Upper

117 100

201 106.0 78.1 117.1

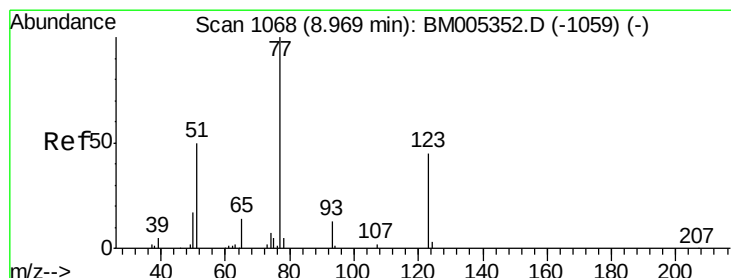
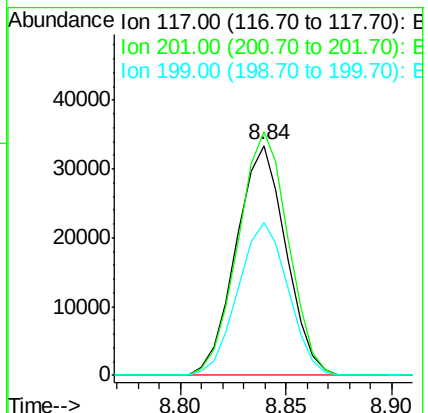
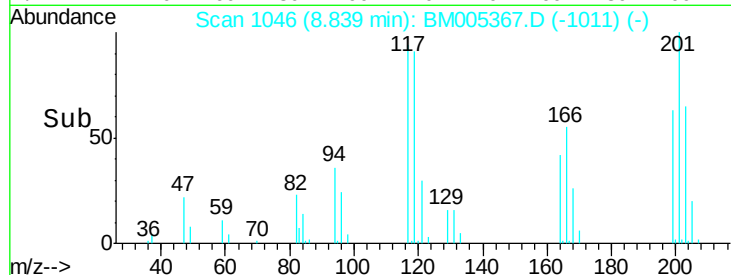
199 66.7 50.2 75.2



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: 20.62 ng/ul

RT: 8.97 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BM005367.D

Acq: 09 May 2016 19:53

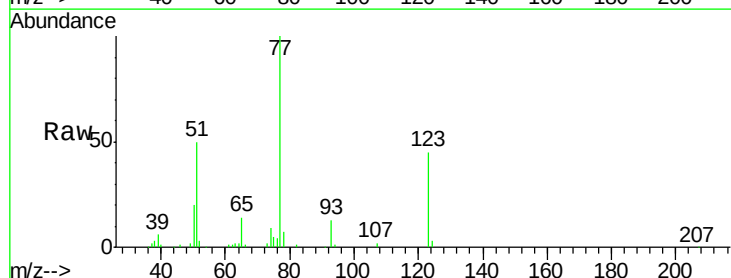
Tgt Ion: 77 Resp: 166856

Ion Ratio Lower Upper

77 100

123 45.4 34.1 51.1

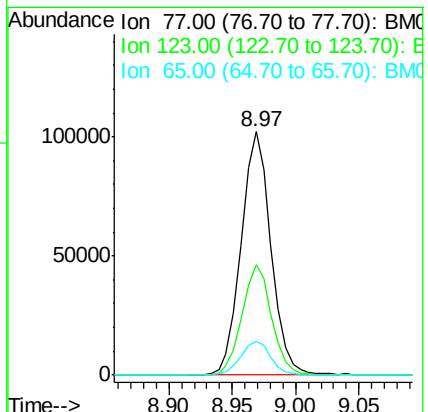
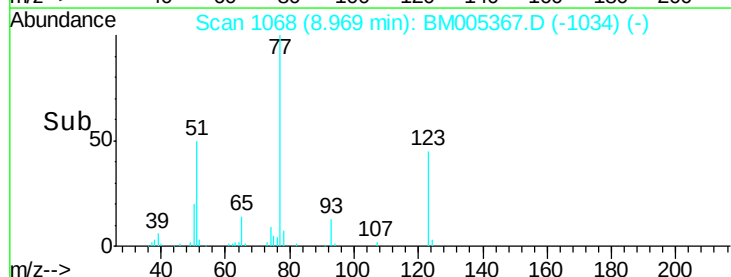
65 13.6 11.0 16.4

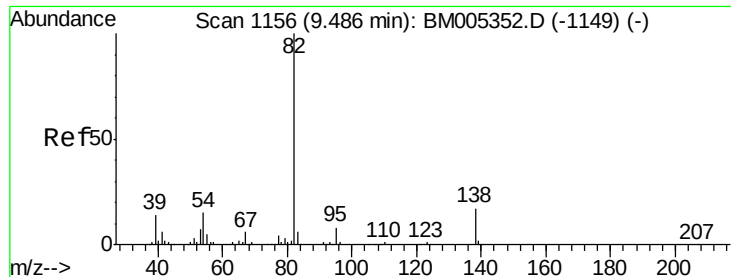


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM





#21

Isophorone

Concen: 20.22 ng/ul

RT: 9.49 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BM005367.D

Acq: 09 May 2016 19:53

Instrument :

BNA\_M

ClientSampleId :

SSTD02058

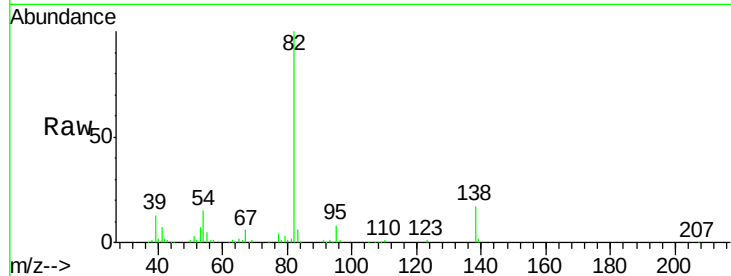
Tgt Ion: 82 Resp: 317742

Ion Ratio Lower Upper

82 100

95 7.8 5.4 8.0

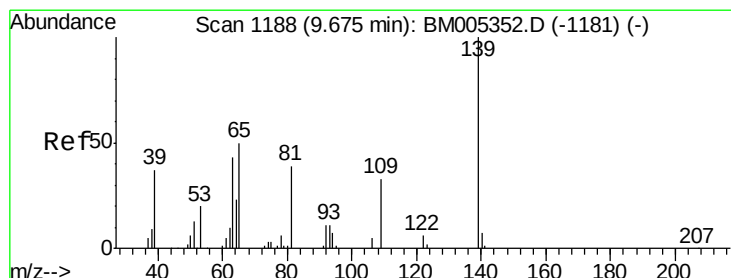
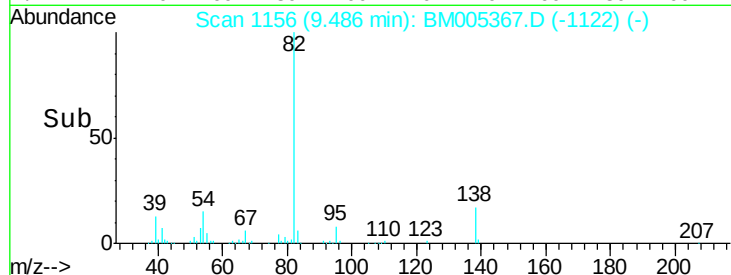
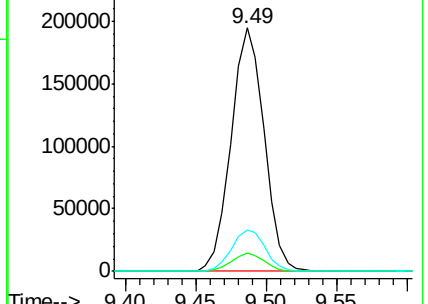
138 16.9 13.4 20.2



Abundance Ion 82.00 (81.70 to 82.70): BM005352.D (-1149) (-)

Ion 95.00 (94.70 to 95.70): BM005352.D (-1149) (-)

Ion 138.00 (137.70 to 138.70): BM005352.D (-1149) (-)



#23

2-Nitrophenol

Concen: 21.30 ng/ul

RT: 9.67 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BM005367.D

Acq: 09 May 2016 19:53

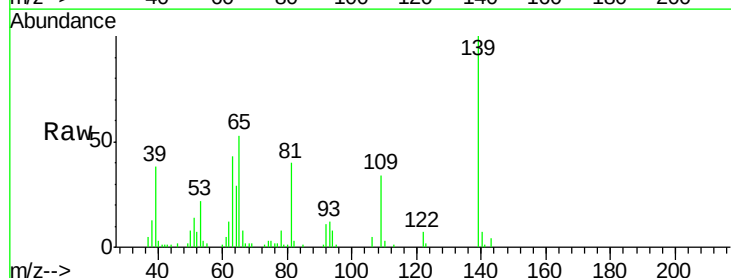
Tgt Ion: 139 Resp: 83996

Ion Ratio Lower Upper

139 100

65 52.7 41.7 62.5

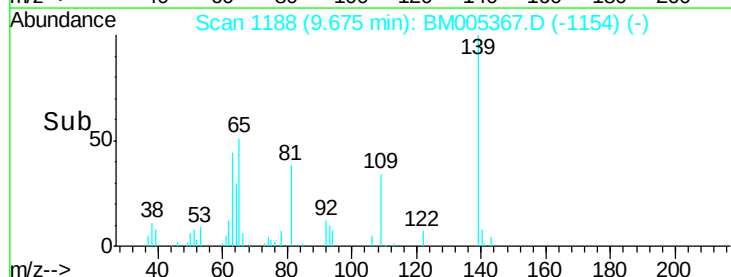
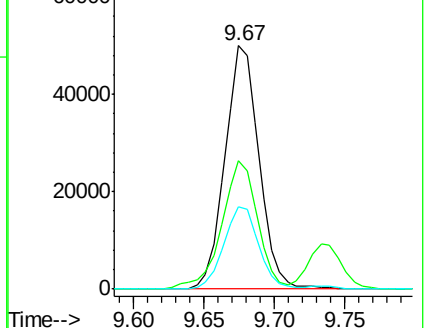
109 33.8 26.2 39.4

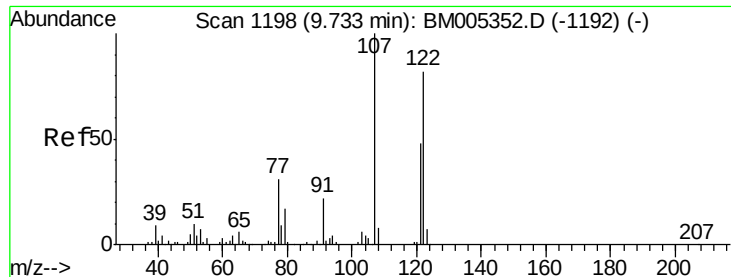


Abundance Ion 139.00 (138.70 to 139.70): BM005352.D (-1181) (-)

Ion 65.00 (64.70 to 65.70): BM005352.D (-1181) (-)

Ion 109.00 (108.70 to 109.70): BM005352.D (-1181) (-)





#24

2,4-Dimethylphenol

Concen: 20.69 ng/ul

RT: 9.73 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BM005367.D

Acq: 09 May 2016 19:53

Instrument :

BNA\_M

ClientSampleId :

SSTD02058

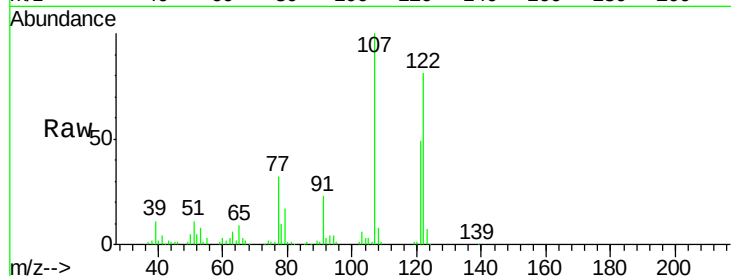
Tgt Ion: 107 Resp: 173081

Ion Ratio Lower Upper

107 100

121 49.3 39.1 58.7

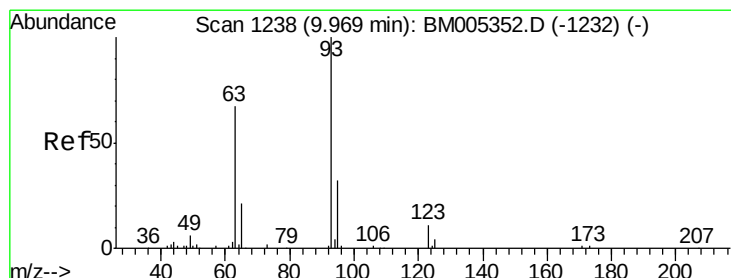
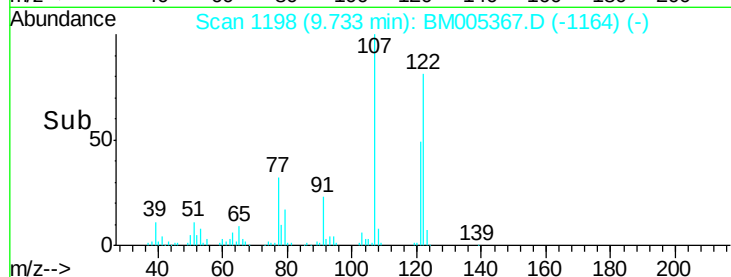
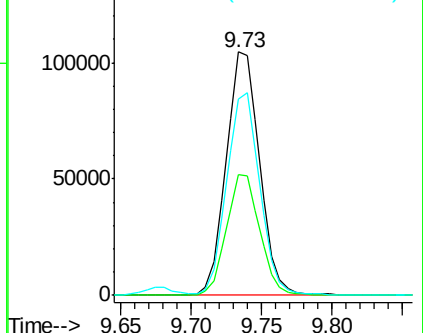
122 80.6 67.8 101.6



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: 19.28 ng/ul

RT: 9.97 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BM005367.D

Acq: 09 May 2016 19:53

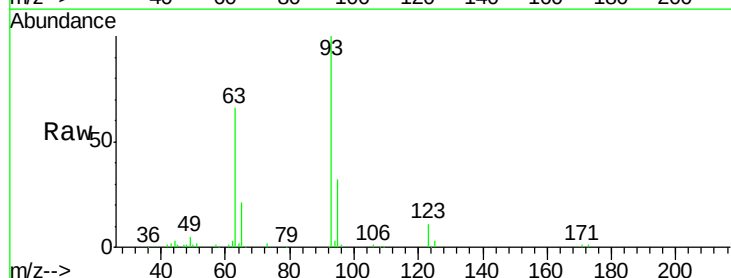
Tgt Ion: 93 Resp: 188702

Ion Ratio Lower Upper

93 100

95 31.7 25.2 37.8

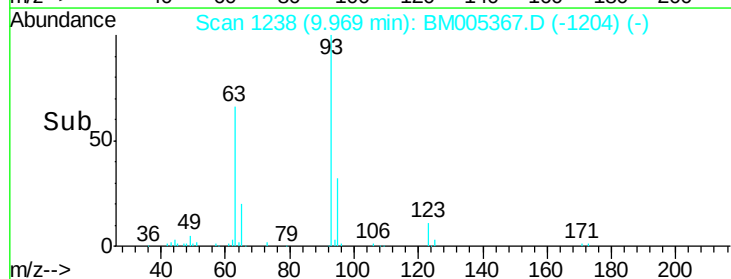
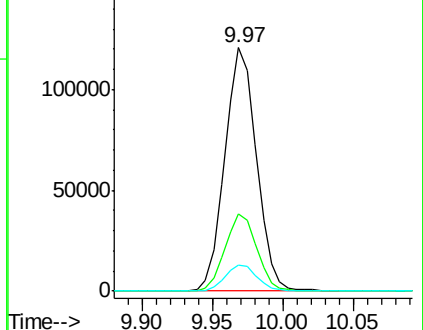
123 10.7 9.0 13.6

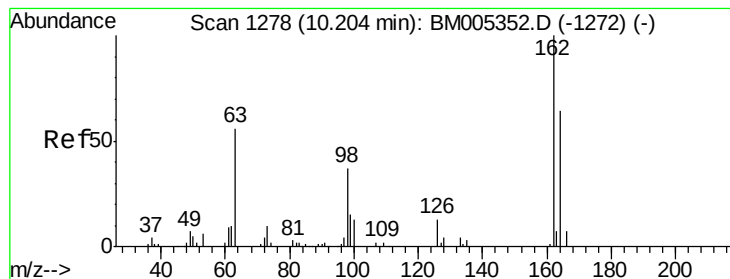


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 21.05 ng/ul

RT: 10.21 min Scan# 1279

Delta R.T. 0.01 min

Lab File: BM005367.D

Acq: 09 May 2016 19:53

Instrument :

BNA\_M

ClientSampleId :

SSTD02058

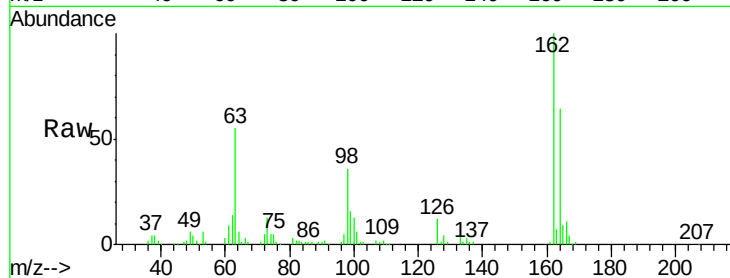
Tgt Ion:162 Resp: 146664

Ion Ratio Lower Upper

162 100

164 63.9 51.5 77.3

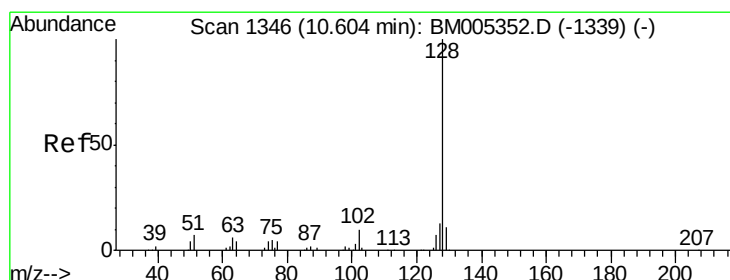
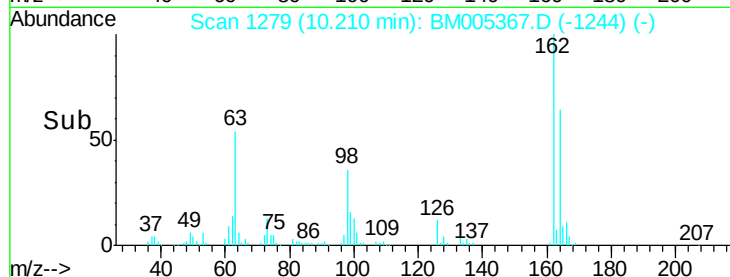
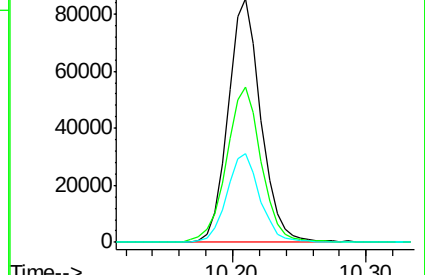
98 36.4 31.2 46.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#28

Naphthalene

Concen: 20.45 ng/ul

RT: 10.60 min Scan# 1346

Delta R.T. -0.00 min

Lab File: BM005367.D

Acq: 09 May 2016 19:53

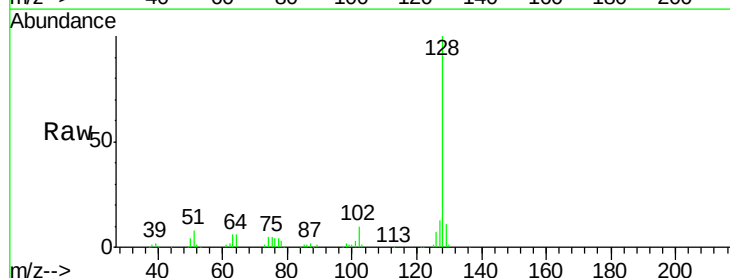
Tgt Ion:128 Resp: 465748

Ion Ratio Lower Upper

128 100

129 11.2 8.4 12.6

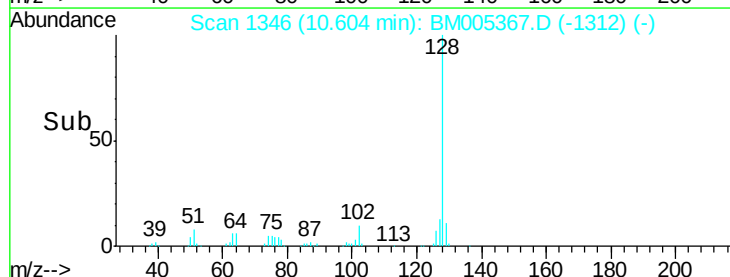
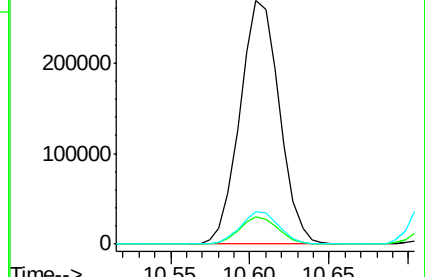
127 13.3 10.8 16.2

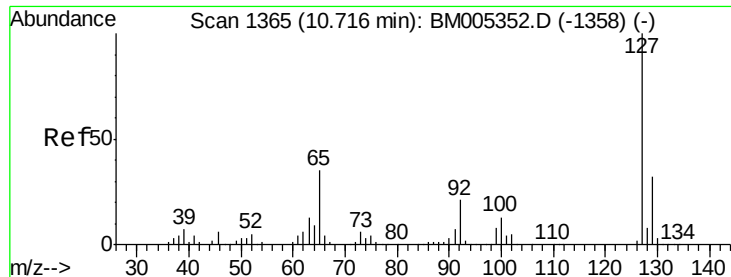


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

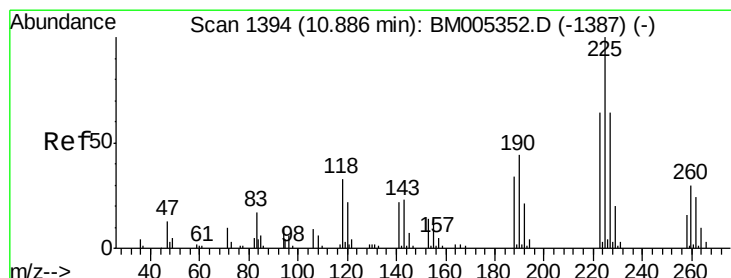
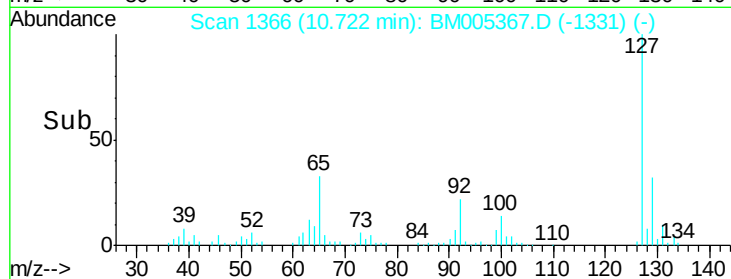
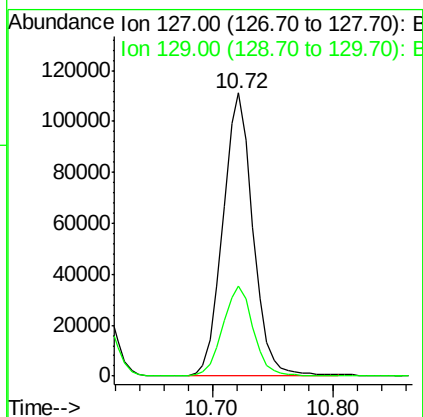
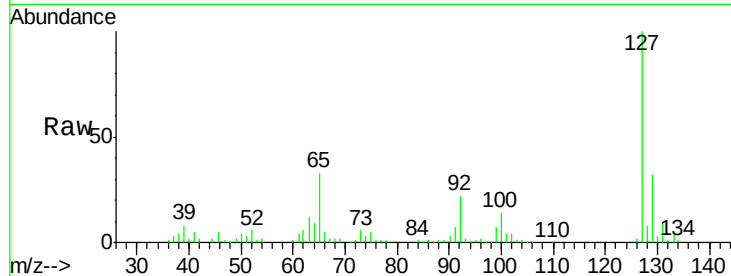




#30  
4-Chloroaniline  
Concen: 23.00 ng/ul  
RT: 10.72 min Scan# 1366  
Delta R.T. 0.01 min  
Lab File: BM005367.D  
Acq: 09 May 2016 19:53

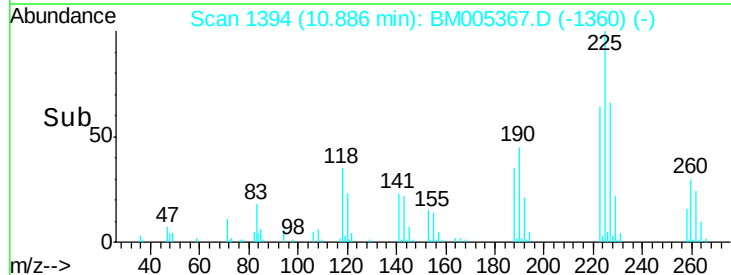
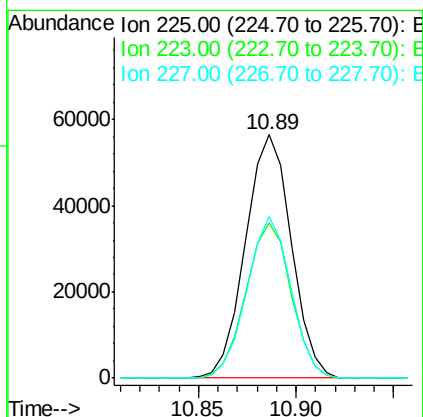
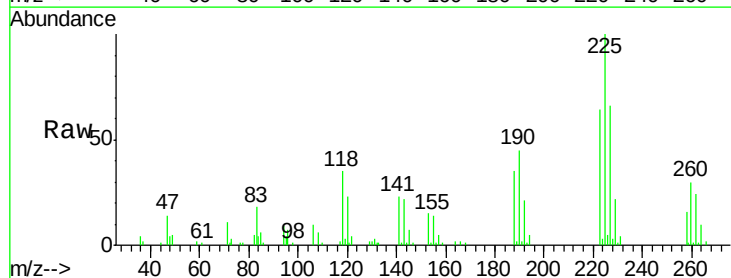
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02058

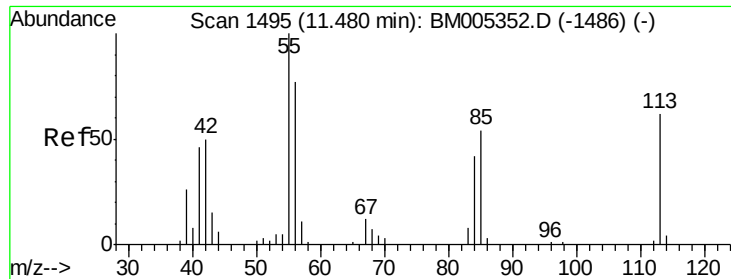
Tgt Ion:127 Resp: 192042  
Ion Ratio Lower Upper  
127 100  
129 32.0 26.5 39.7



#31  
Hexachlorobutadiene  
Concen: 22.14 ng/ul  
RT: 10.89 min Scan# 1394  
Delta R.T. -0.00 min  
Lab File: BM005367.D  
Acq: 09 May 2016 19:53

Tgt Ion:225 Resp: 91657  
Ion Ratio Lower Upper  
225 100  
223 63.8 51.5 77.3  
227 66.2 51.8 77.6





#32

Caprolactam

Concen: 13.10 ng/ul

RT: 11.49 min Scan# 1496

Delta R.T. 0.01 min

Lab File: BM005367.D

Acq: 09 May 2016 19:53

Instrument :

BNA\_M

ClientSampleId :

SSTD02058

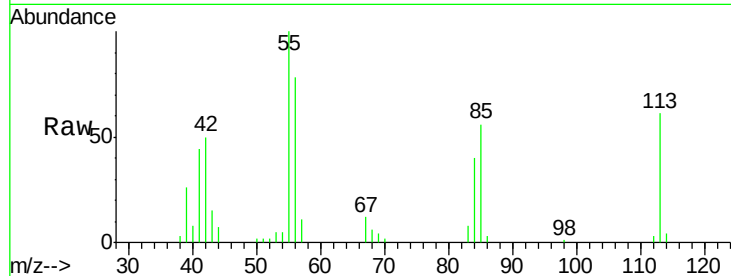
Tgt Ion:113 Resp: 33991

Ion Ratio Lower Upper

113 100

55 164.1 134.6 201.8

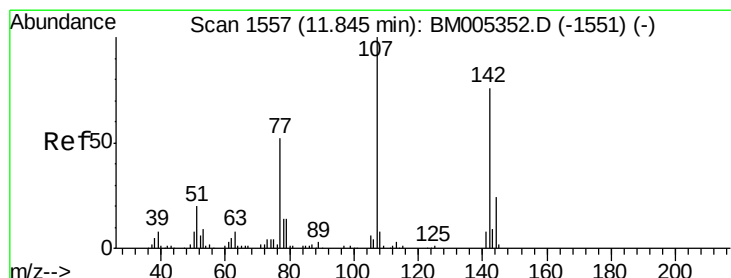
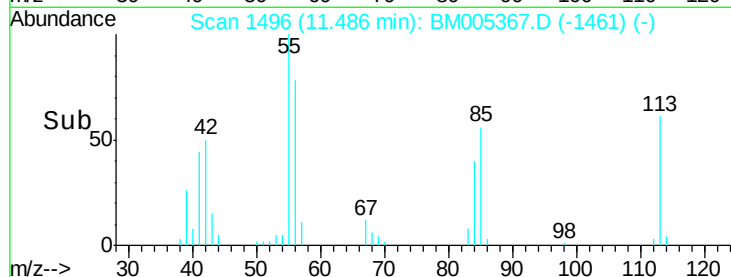
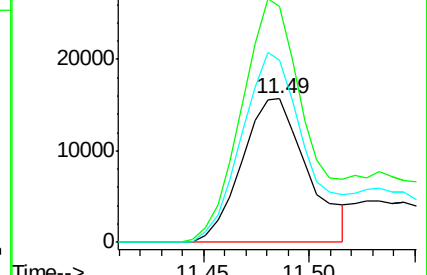
56 127.2 96.6 145.0



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: 20.27 ng/ul

RT: 11.85 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BM005367.D

Acq: 09 May 2016 19:53

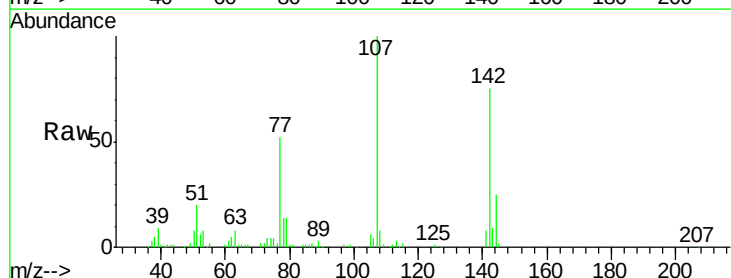
Tgt Ion:107 Resp: 169309

Ion Ratio Lower Upper

107 100

144 25.1 19.3 28.9

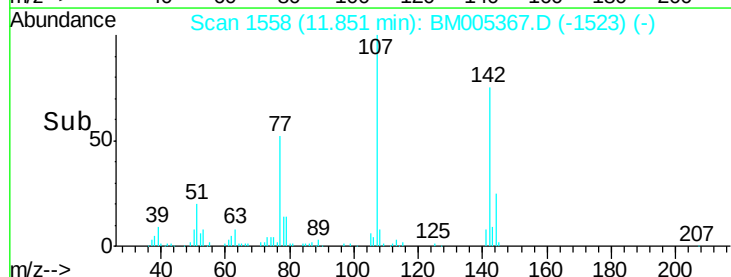
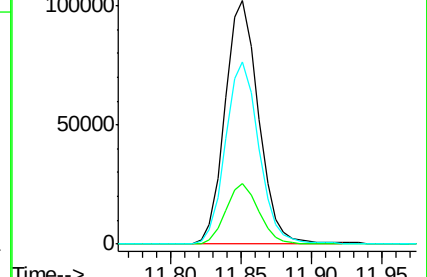
142 75.0 60.8 91.2

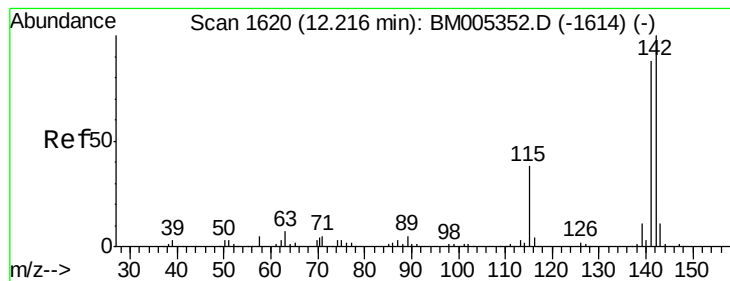


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 20.15 ng/ul

RT: 12.22 min Scan# 1621

Delta R.T. 0.01 min

Lab File: BM005367.D

Acq: 09 May 2016 19:53

Instrument :

BNA\_M

ClientSampleId :

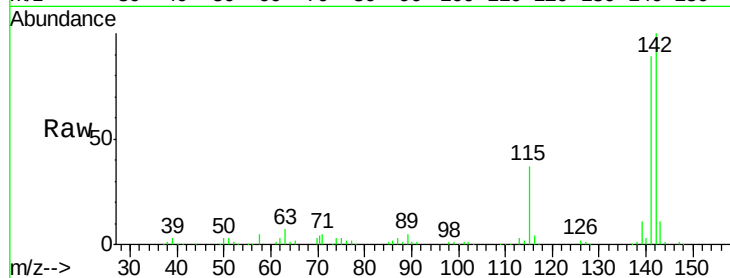
SSTD02058

Tgt Ion:142 Resp: 343256

Ion Ratio Lower Upper

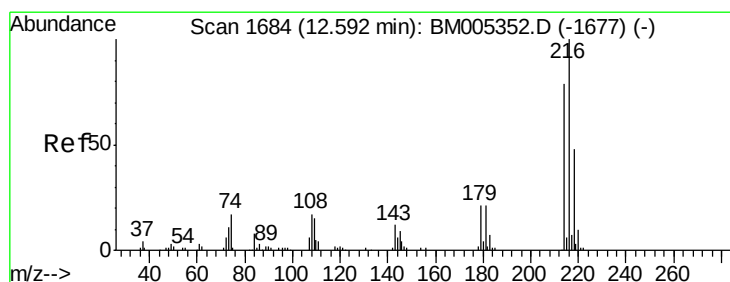
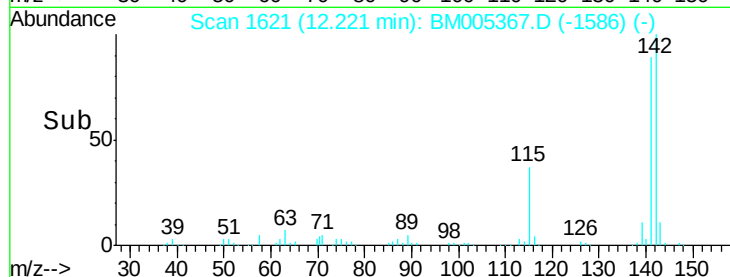
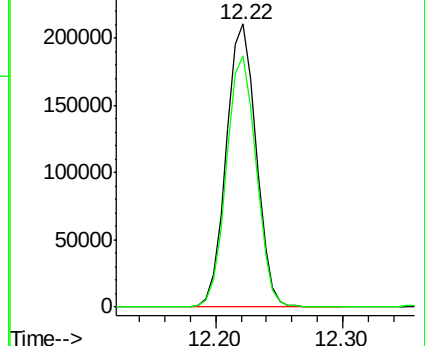
142 100

141 89.0 71.3 106.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#36

1,2,4,5-Tetrachlorobenzene

Concen: 21.61 ng/ul

RT: 12.59 min Scan# 1684

Delta R.T. -0.00 min

Lab File: BM005367.D

Acq: 09 May 2016 19:53

Tgt Ion:216 Resp: 180596

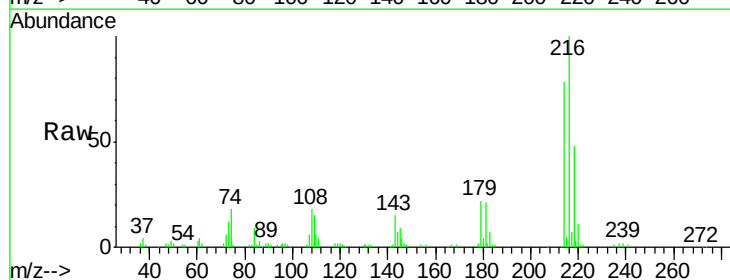
Ion Ratio Lower Upper

216 100

214 77.6 63.4 95.0

179 22.2 17.4 26.0

108 18.0 14.9 22.3

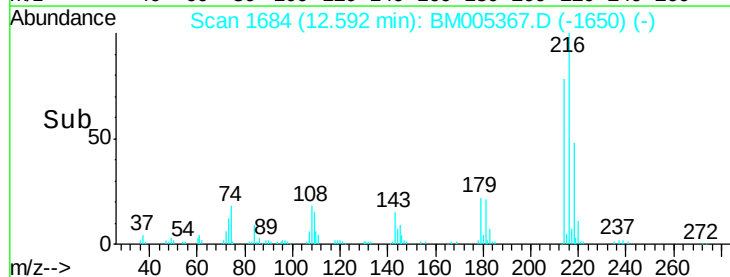
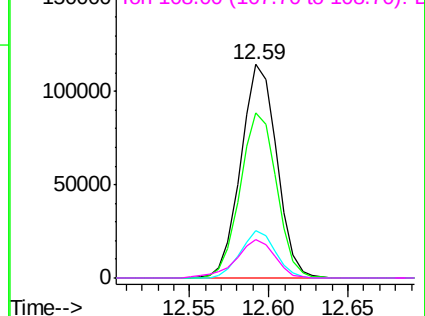


Abundance Ion 216.00 (215.70 to 216.70): E

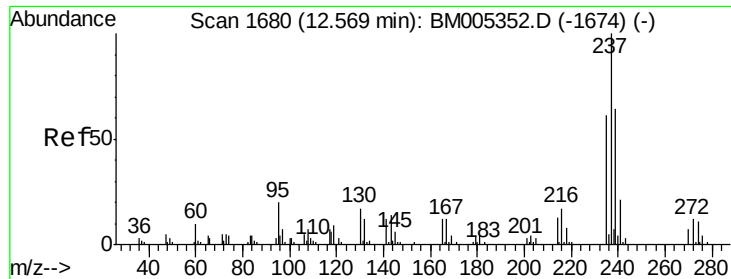
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



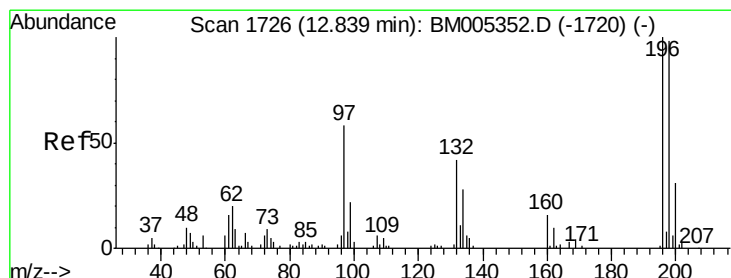
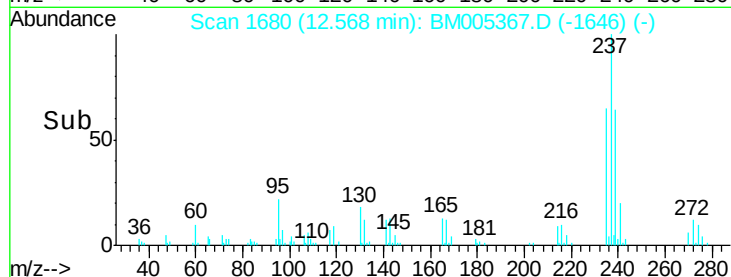
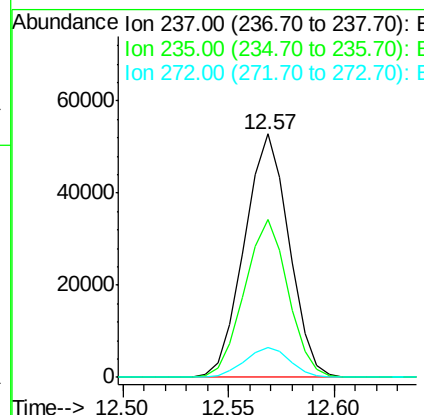
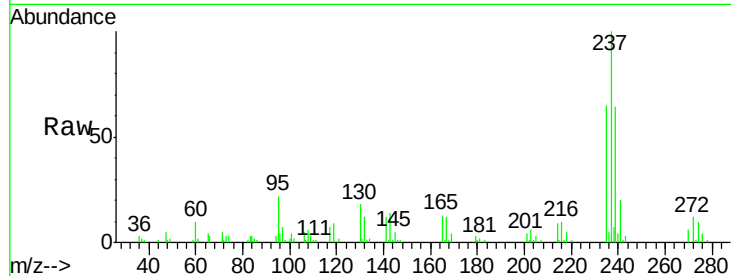




#37  
Hexachlorocyclopentadiene  
Concen: 18.16 ng/ul  
RT: 12.57 min Scan# 1680  
Delta R.T. -0.00 min  
Lab File: BM005367.D  
Acq: 09 May 2016 19:53

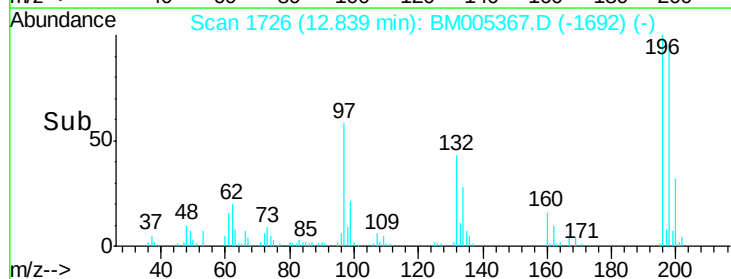
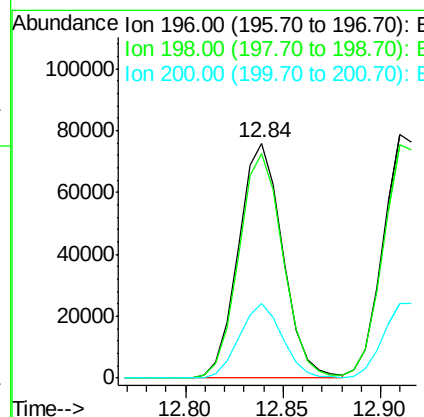
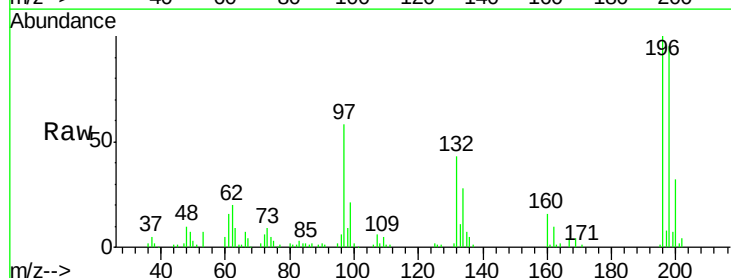
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02058

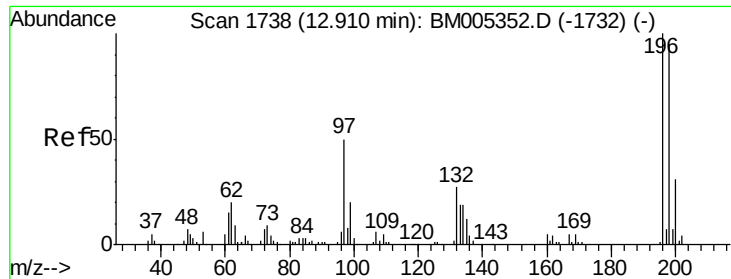
Tgt Ion:237 Resp: 77530  
Ion Ratio Lower Upper  
237 100  
235 64.9 53.5 80.3  
272 12.3 10.6 15.8



#38  
2,4,6-Trichlorophenol  
Concen: 21.36 ng/ul  
RT: 12.84 min Scan# 1726  
Delta R.T. -0.00 min  
Lab File: BM005367.D  
Acq: 09 May 2016 19:53

Tgt Ion:196 Resp: 118894  
Ion Ratio Lower Upper  
196 100  
198 95.3 72.3 108.5  
200 31.7 23.9 35.9

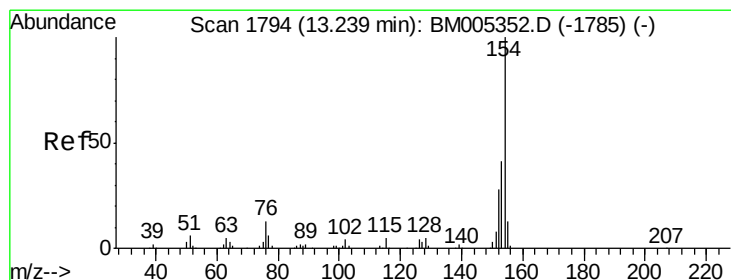
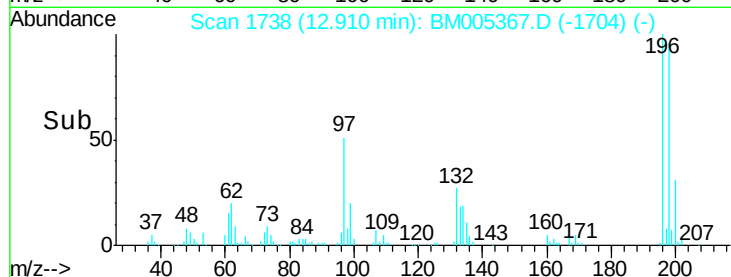
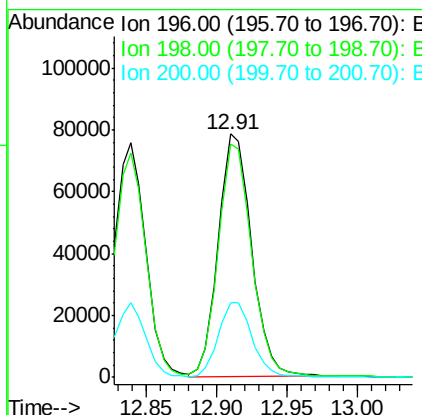
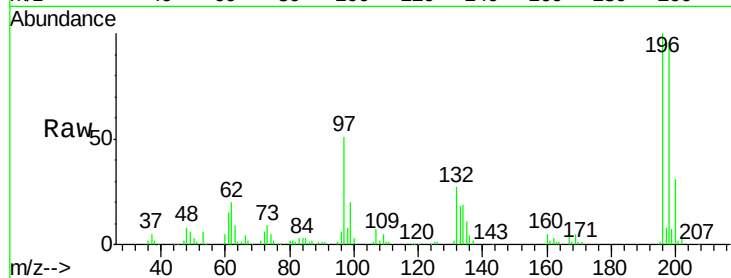




#39  
 2,4,5-Trichlorophenol  
 Concen: 20.85 ng/ul  
 RT: 12.91 min Scan# 1738  
 Delta R.T. -0.00 min  
 Lab File: BM005367.D  
 Acq: 09 May 2016 19:53

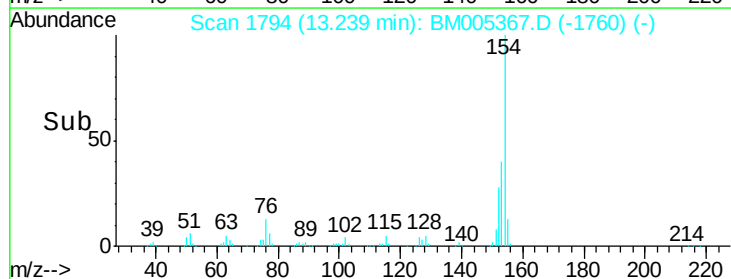
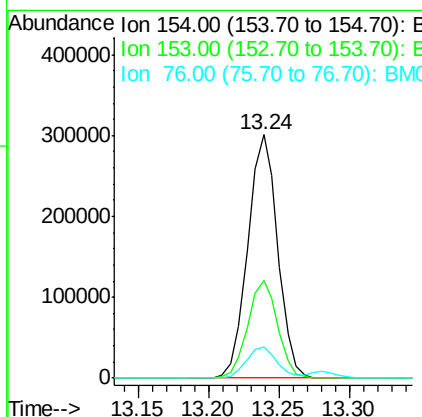
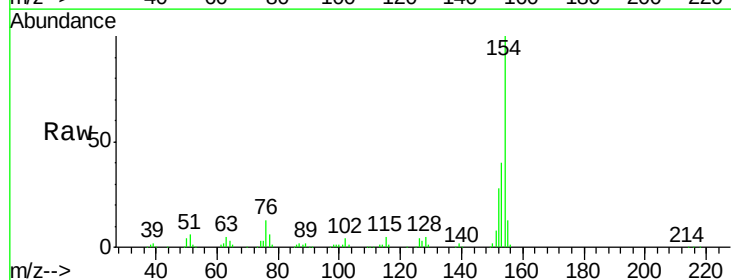
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02058

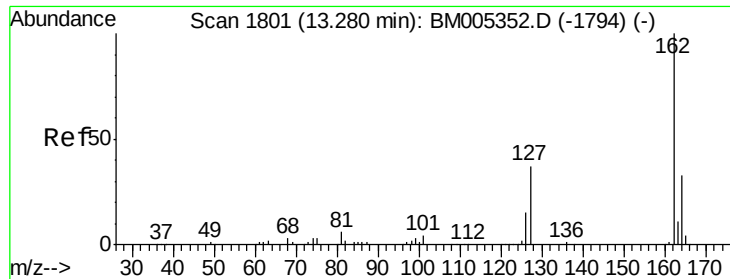
Tgt Ion:196 Resp: 128753  
 Ion Ratio Lower Upper  
 196 100  
 198 95.8 78.5 117.7  
 200 30.5 25.4 38.2



#40  
 1,1'-Biphenyl  
 Concen: 20.58 ng/ul  
 RT: 13.24 min Scan# 1794  
 Delta R.T. -0.00 min  
 Lab File: BM005367.D  
 Acq: 09 May 2016 19:53

Tgt Ion:154 Resp: 447923  
 Ion Ratio Lower Upper  
 154 100  
 153 40.0 32.1 48.1  
 76 12.6 10.6 15.8

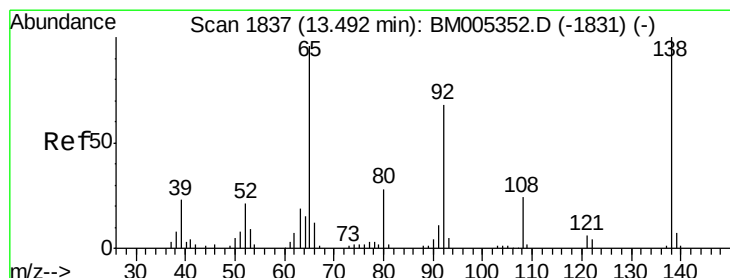
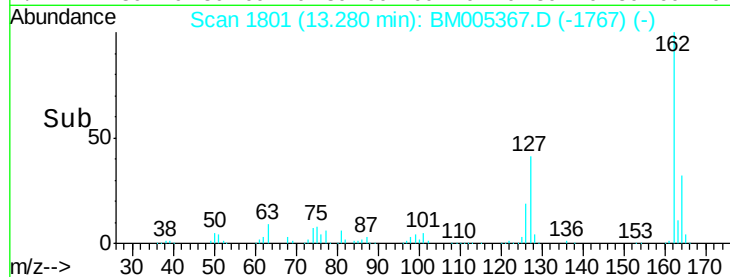
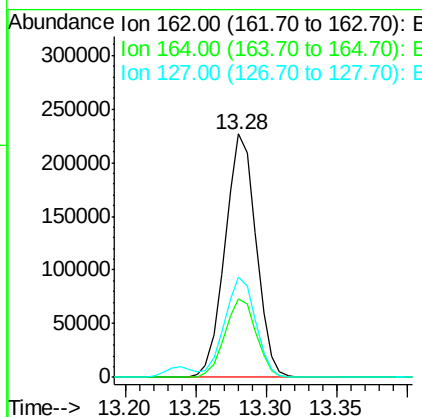
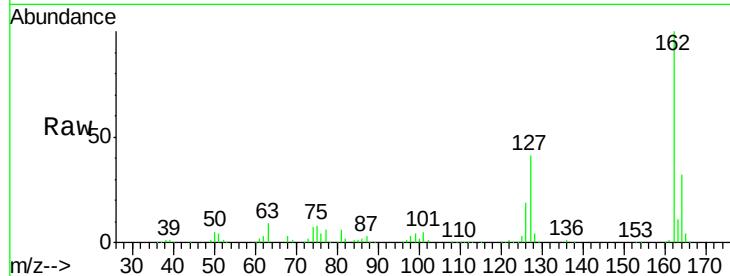




#41  
 2-Chloronaphthalene  
 Concen: 21.10 ng/ul  
 RT: 13.28 min Scan# 1801  
 Delta R.T. -0.00 min  
 Lab File: BM005367.D  
 Acq: 09 May 2016 19:53

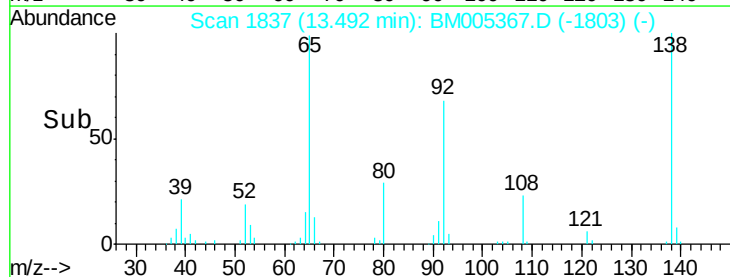
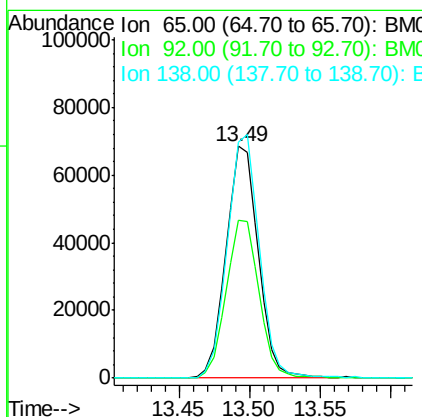
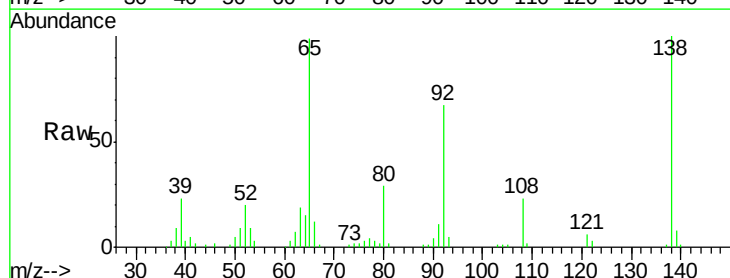
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02058

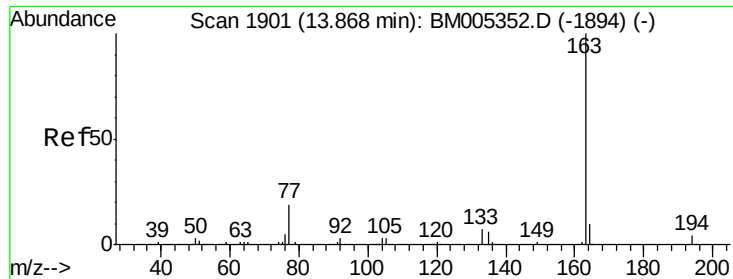
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 162   | Resp: | 347145 |
| Ion      | Ratio | Lower | Upper  |
| 162      | 100   |       |        |
| 164      | 32.4  | 25.5  | 38.3   |
| 127      | 41.1  | 31.9  | 47.9   |



#42  
 2-Nitroaniline  
 Concen: 21.57 ng/ul  
 RT: 13.49 min Scan# 1837  
 Delta R.T. -0.00 min  
 Lab File: BM005367.D  
 Acq: 09 May 2016 19:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 109260 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 92       | 68.3  | 60.1  | 90.1   |
| 138      | 101.4 | 84.0  | 126.0  |

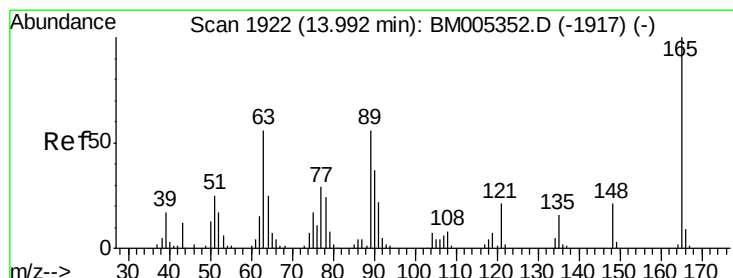
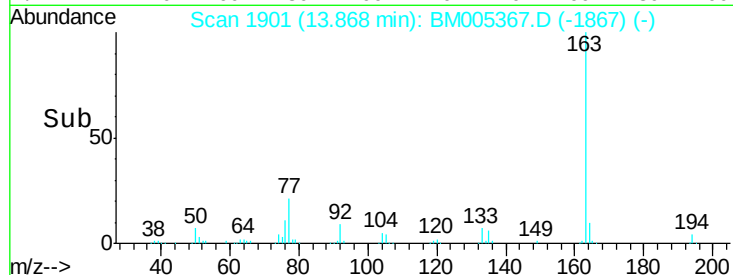
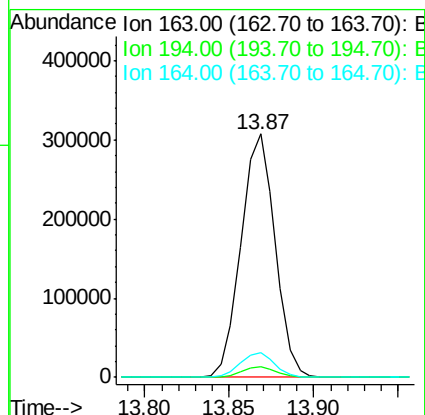
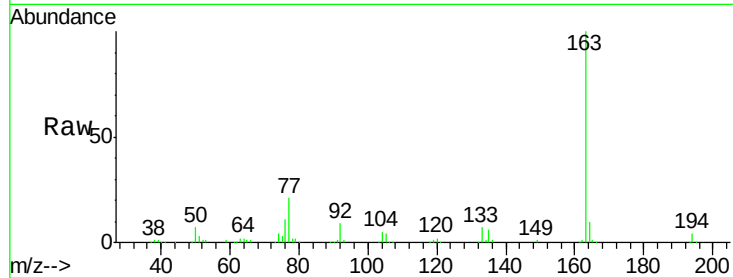




#44  
Dimethylphthalate  
Concen: 19.66 ng/ul  
RT: 13.87 min Scan# 1901  
Delta R.T. -0.00 min  
Lab File: BM005367.D  
Acq: 09 May 2016 19:53

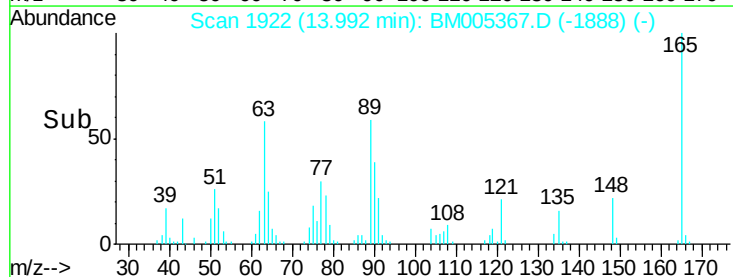
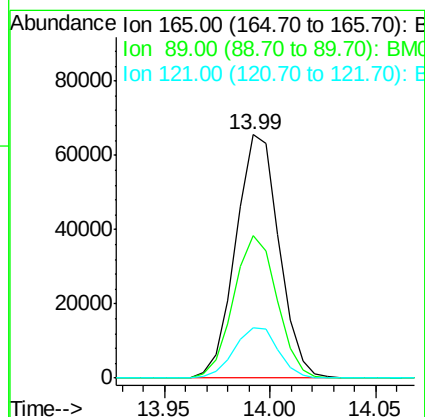
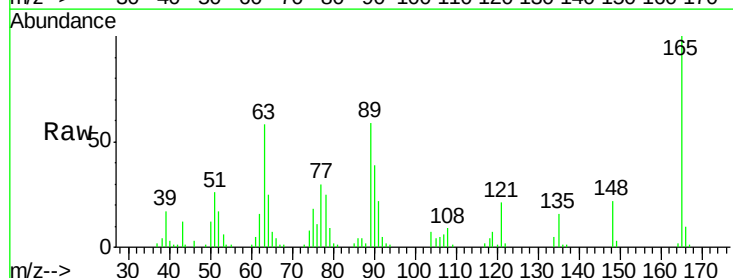
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02058

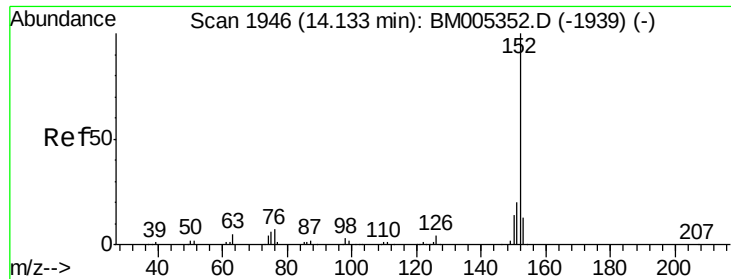
Tgt Ion:163 Resp: 432594  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.4 5.0  
164 10.1 7.9 11.9



#45  
2,6-Dinitrotoluene  
Concen: 21.46 ng/ul  
RT: 13.99 min Scan# 1922  
Delta R.T. -0.00 min  
Lab File: BM005367.D  
Acq: 09 May 2016 19:53

Tgt Ion:165 Resp: 93114  
Ion Ratio Lower Upper  
165 100  
89 58.7 52.2 78.4  
121 20.8 21.0 31.4#





#47

Acenaphthylene

Concen: 20.80 ng/ul

RT: 14.13 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BM005367.D

Acq: 09 May 2016 19:53

Instrument :

BNA\_M

ClientSampleId :

SSTD02058

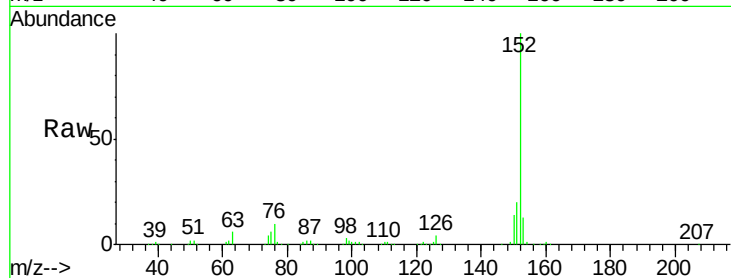
Tgt Ion:152 Resp: 568243

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

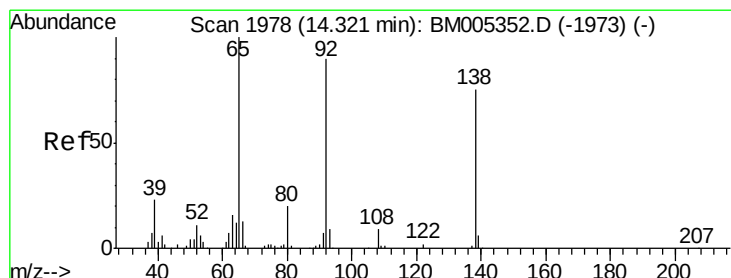
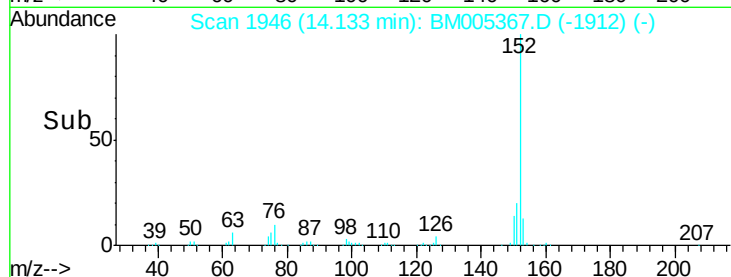
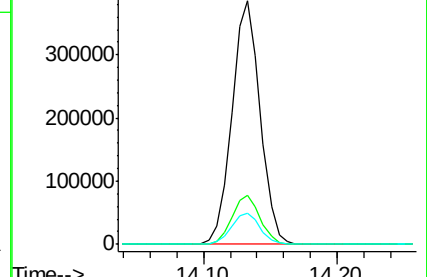
153 12.7 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#48

3-Nitroaniline

Concen: 21.59 ng/ul

RT: 14.33 min Scan# 1979

Delta R.T. 0.01 min

Lab File: BM005367.D

Acq: 09 May 2016 19:53

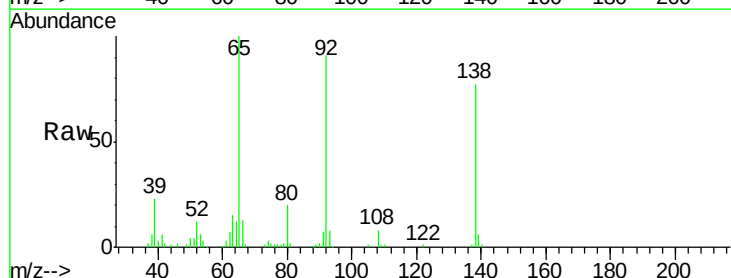
Tgt Ion:138 Resp: 99859

Ion Ratio Lower Upper

138 100

108 10.9 8.6 13.0

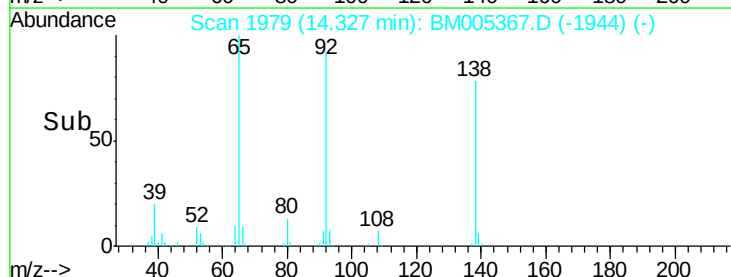
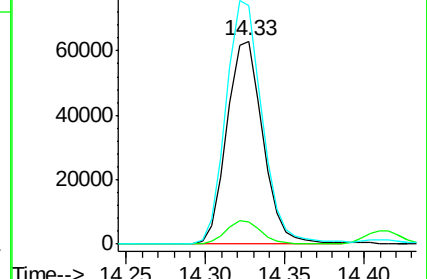
92 117.8 93.5 140.3

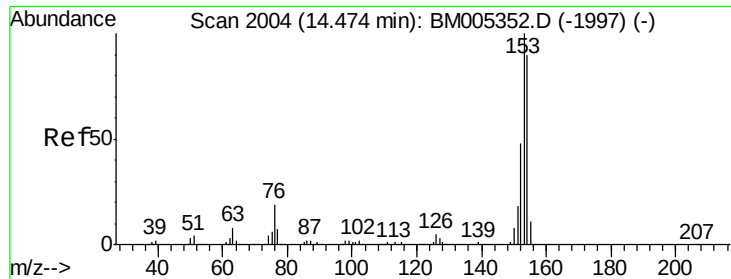


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 20.56 ng/ul

RT: 14.47 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BM005367.D

Acq: 09 May 2016 19:53

Instrument :

BNA\_M

ClientSampleId :

SSTD02058

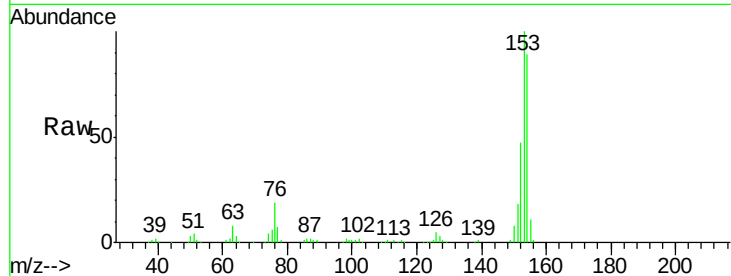
Tgt Ion:153 Resp: 370243

Ion Ratio Lower Upper

153 100

152 47.0 38.9 58.3

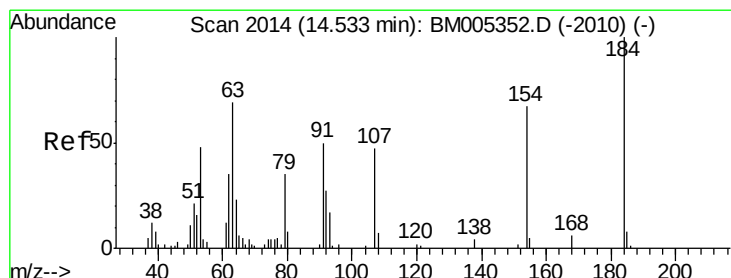
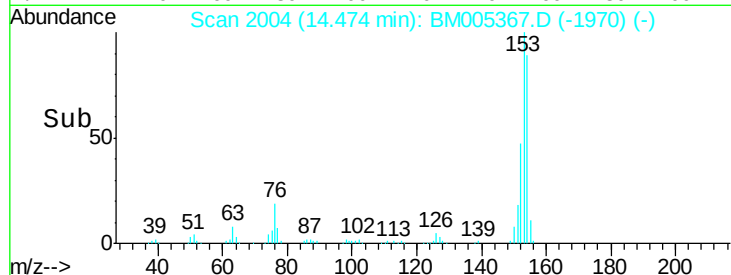
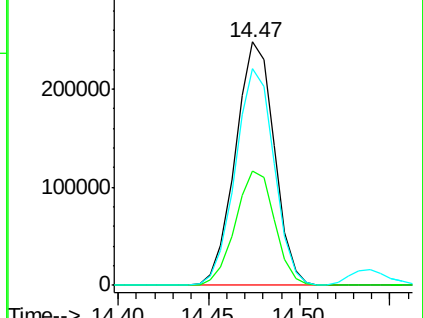
154 88.8 70.3 105.5



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: 15.70 ng/ul

RT: 14.54 min Scan# 2015

Delta R.T. 0.01 min

Lab File: BM005367.D

Acq: 09 May 2016 19:53

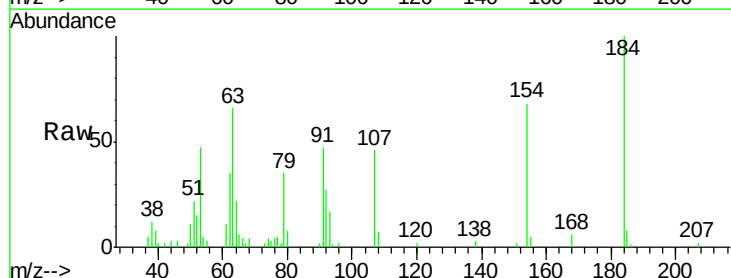
Tgt Ion:184 Resp: 39203

Ion Ratio Lower Upper

184 100

63 65.8 56.9 85.3

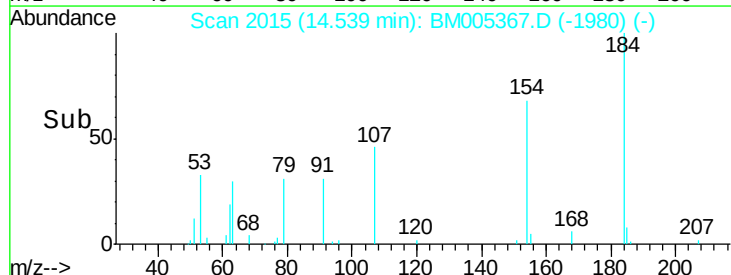
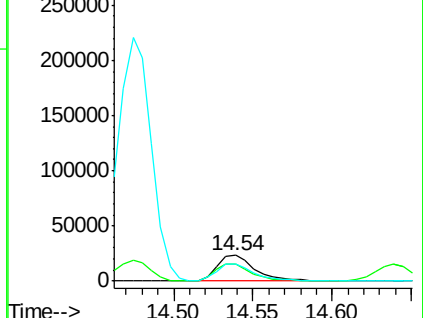
154 68.0 54.6 82.0

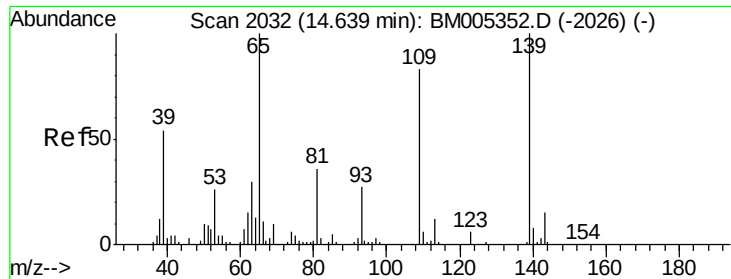


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 19.18 ng/ul

RT: 14.64 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BM005367.D

Acq: 09 May 2016 19:53

Instrument :

BNA\_M

ClientSampleId :

SSTD02058

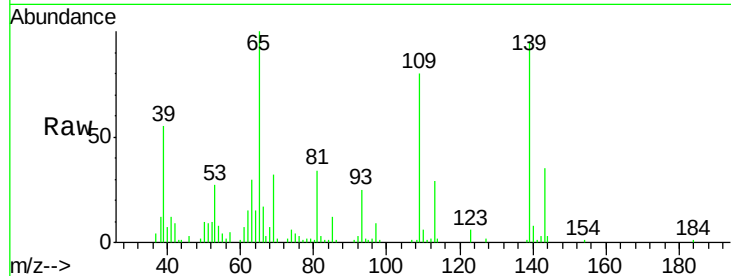
Tgt Ion:109 Resp: 64082

Ion Ratio Lower Upper

109 100

139 119.2 103.6 155.4

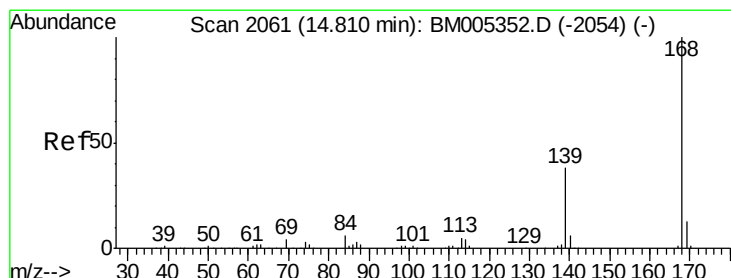
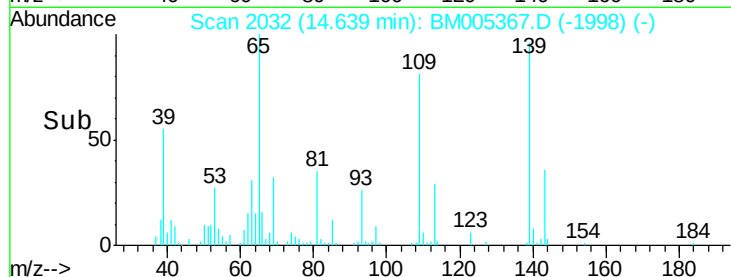
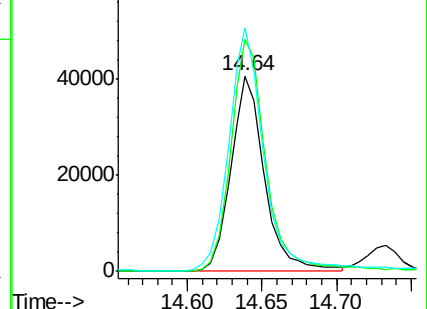
65 124.9 104.7 157.1



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: 20.38 ng/ul

RT: 14.81 min Scan# 2061

Delta R.T. -0.00 min

Lab File: BM005367.D

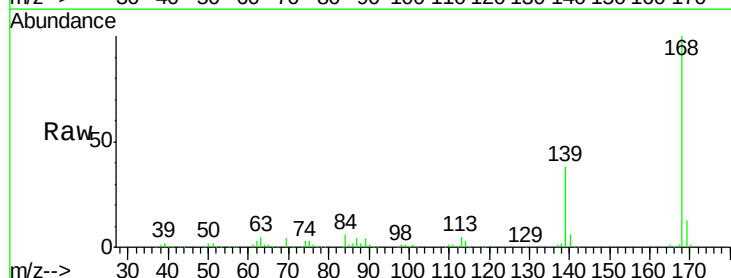
Acq: 09 May 2016 19:53

Tgt Ion:168 Resp: 532470

Ion Ratio Lower Upper

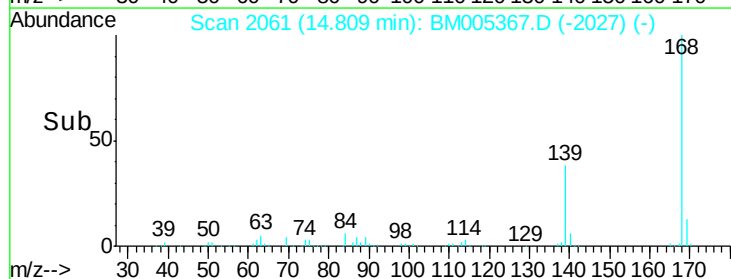
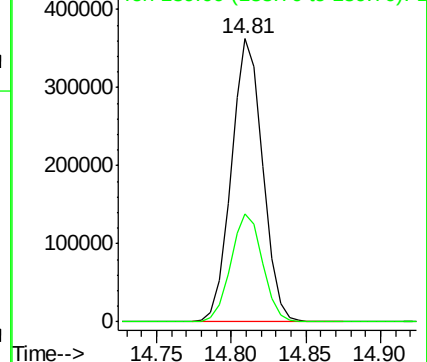
168 100

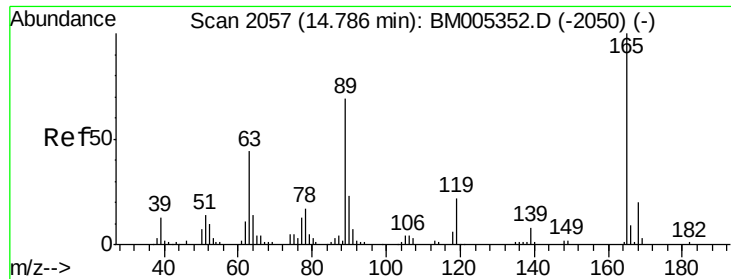
139 38.3 30.3 45.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

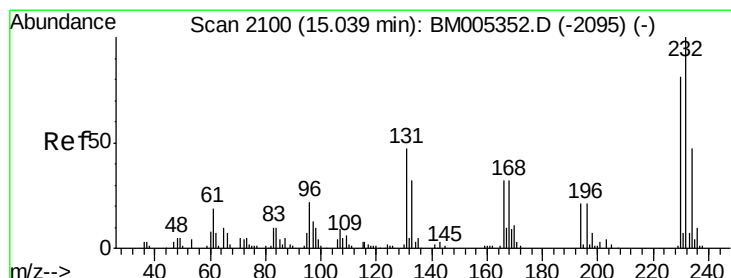
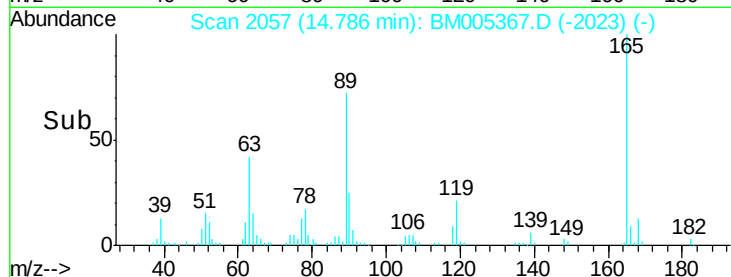
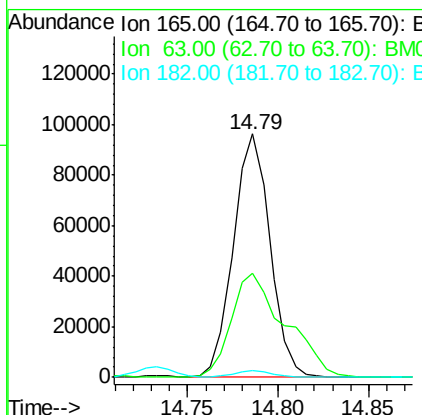
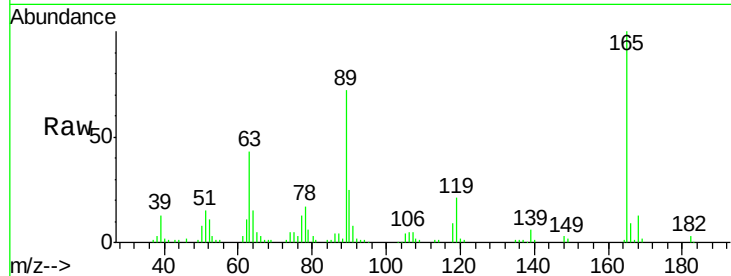




#54  
 2,4-Dinitrotoluene  
 Concen: 20.98 ng/ul  
 RT: 14.79 min Scan# 2057  
 Delta R.T. -0.00 min  
 Lab File: BM005367.D  
 Acq: 09 May 2016 19:53

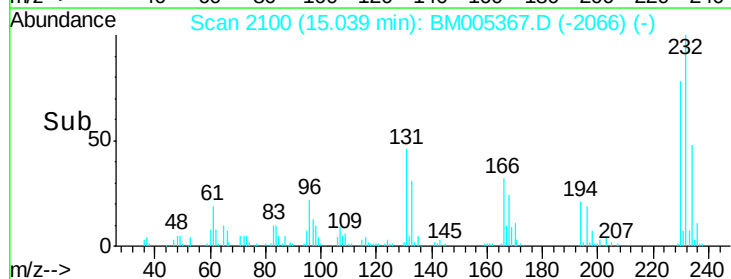
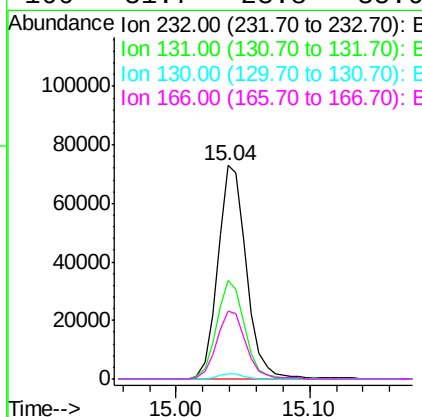
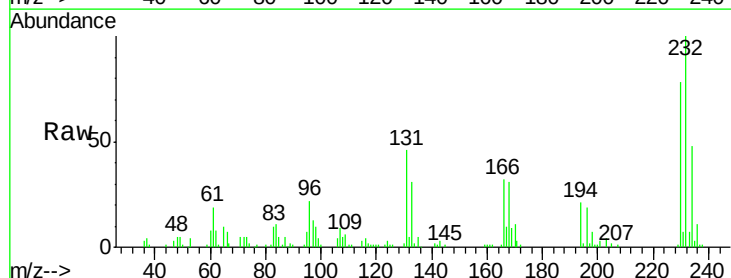
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02058

Tgt Ion:165 Resp: 135760  
 Ion Ratio Lower Upper  
 165 100  
 63 43.0 36.2 54.4  
 182 3.0 2.5 3.7

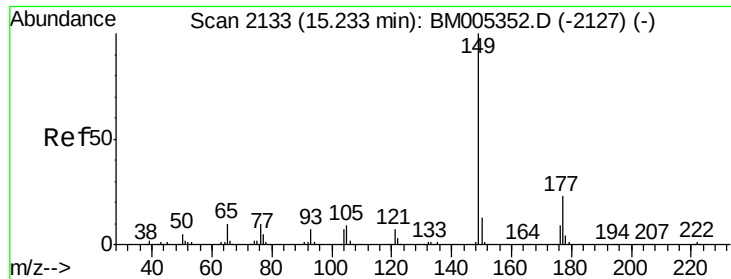


#55  
 2,3,4,6-Tetrachlorophenol  
 Concen: 20.93 ng/ul  
 RT: 15.04 min Scan# 2100  
 Delta R.T. -0.00 min  
 Lab File: BM005367.D  
 Acq: 09 May 2016 19:53

Tgt Ion:232 Resp: 109907  
 Ion Ratio Lower Upper  
 232 100  
 131 46.2 35.0 52.6  
 130 2.4 0.0 0.0#  
 166 31.7 23.8 35.6







#56

Diethylphthalate

Concen: 19.87 ng/ul

RT: 15.23 min Scan# 2133

Delta R.T. -0.00 min

Lab File: BM005367.D

Acq: 09 May 2016 19:53

Instrument :

BNA\_M

ClientSampleId :

SSTD02058

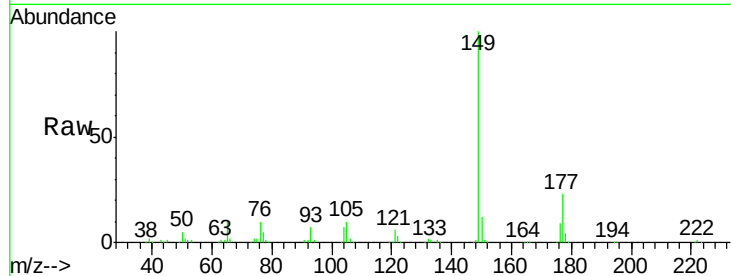
Tgt Ion:149 Resp: 441667

Ion Ratio Lower Upper

149 100

177 22.7 17.6 26.4

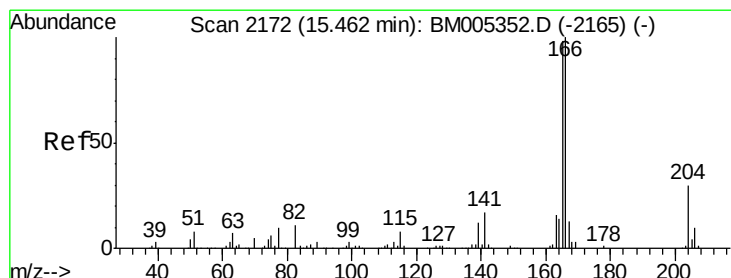
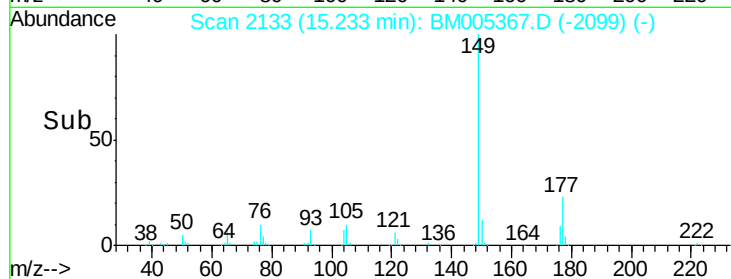
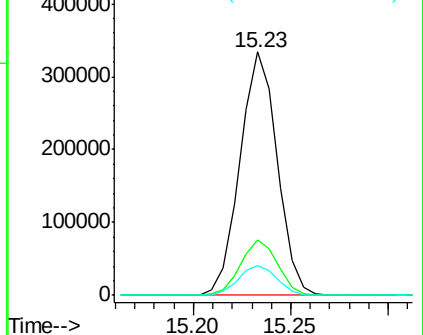
150 12.4 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#58

Fluorene

Concen: 20.40 ng/ul

RT: 15.46 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BM005367.D

Acq: 09 May 2016 19:53

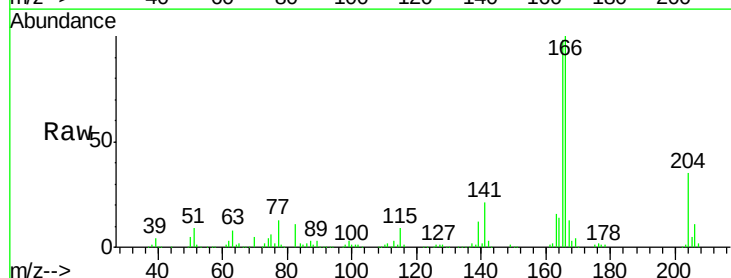
Tgt Ion:166 Resp: 416760

Ion Ratio Lower Upper

166 100

165 97.7 77.9 116.9

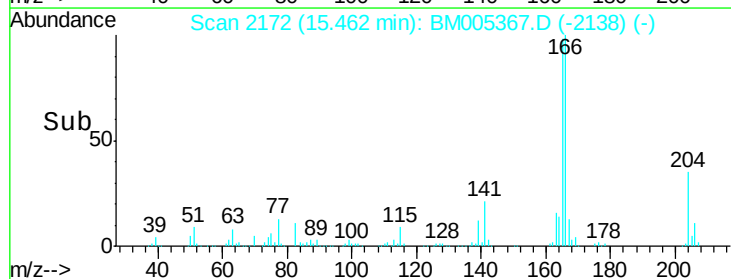
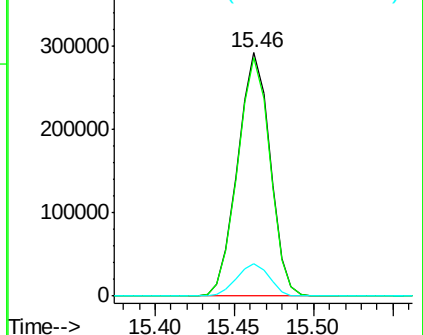
167 13.4 10.6 16.0

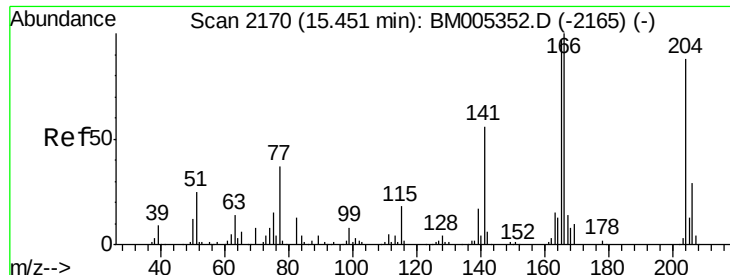


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

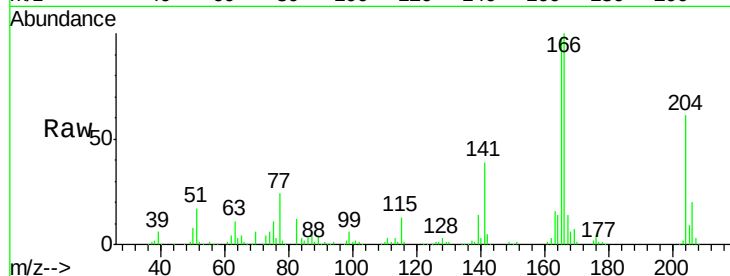




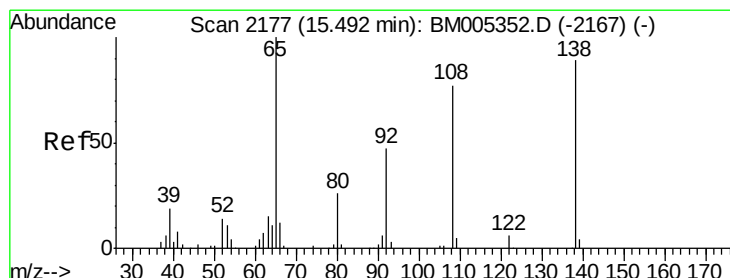
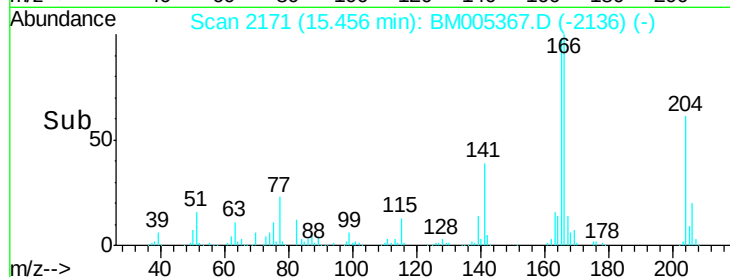
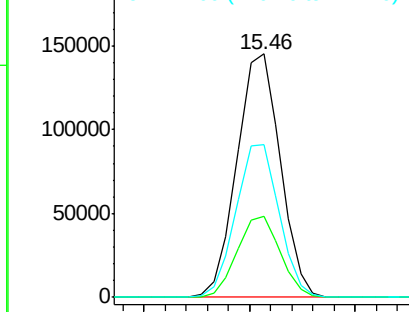
#59  
 4-Chlorophenyl-phenylether  
 Concen: 20.47 ng/ul  
 RT: 15.46 min Scan# 2171  
 Delta R.T. 0.01 min  
 Lab File: BM005367.D  
 Acq: 09 May 2016 19:53

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02058

Tgt Ion:204 Resp: 207149  
 Ion Ratio Lower Upper  
 204 100  
 206 33.1 25.8 38.6  
 141 62.9 48.9 73.3

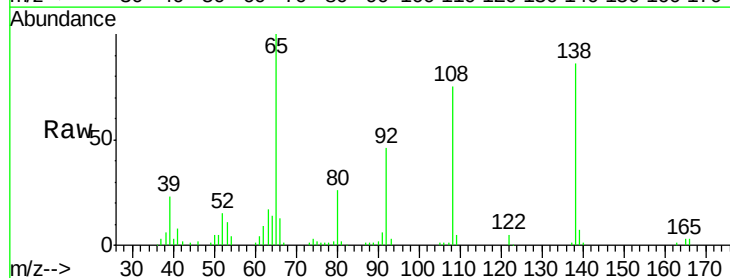


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

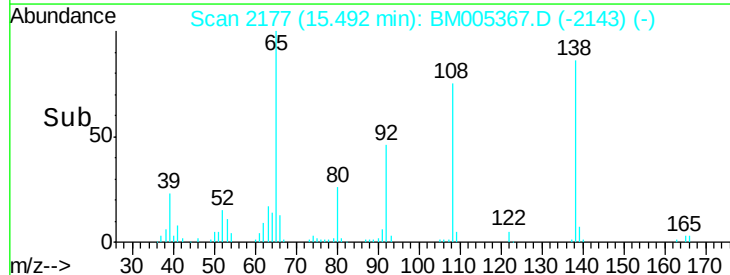
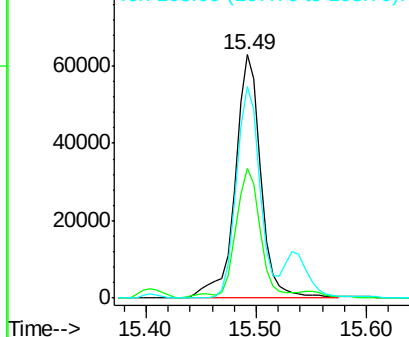


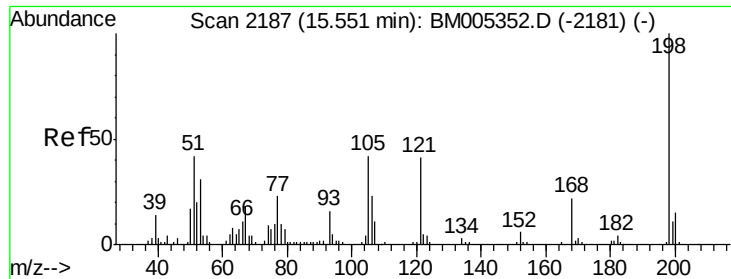
#60  
 4-Nitroaniline  
 Concen: 21.02 ng/ul  
 RT: 15.49 min Scan# 2177  
 Delta R.T. -0.00 min  
 Lab File: BM005367.D  
 Acq: 09 May 2016 19:53

Tgt Ion:138 Resp: 103040  
 Ion Ratio Lower Upper  
 138 100  
 92 53.2 44.3 66.5  
 108 87.1 66.3 99.5



Abundance Ion 138.00 (137.70 to 138.70): E  
 Ion 92.00 (91.70 to 92.70): BM0  
 Ion 108.00 (107.70 to 108.70): E

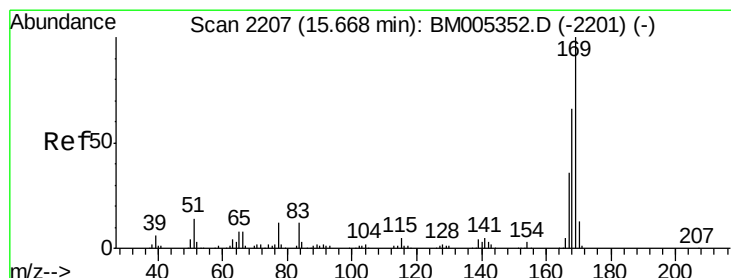
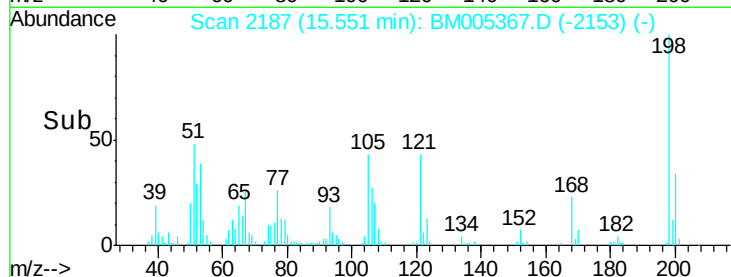
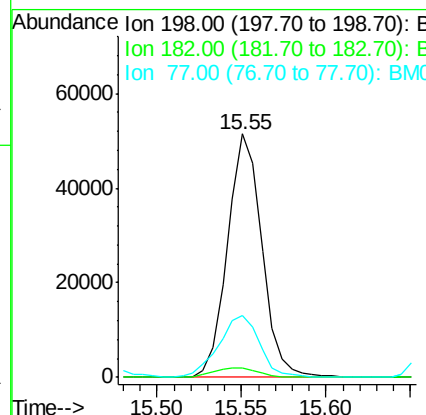
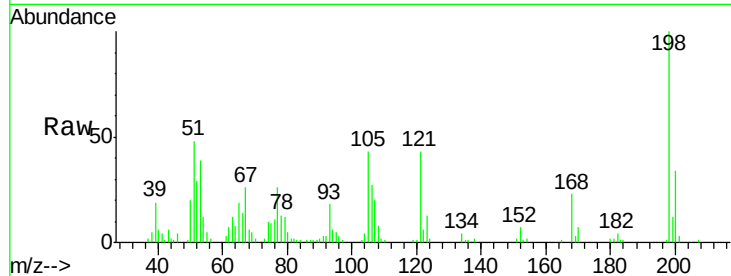




#63  
 4,6-Dinitro-2-methylphenol  
 Concen: 19.52 ng/ul  
 RT: 15.55 min Scan# 2187  
 Delta R.T. -0.00 min  
 Lab File: BM005367.D  
 Acq: 09 May 2016 19:53

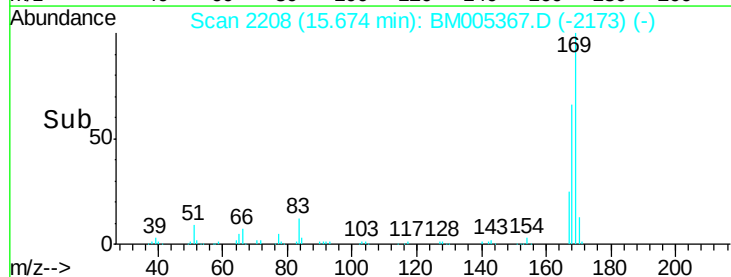
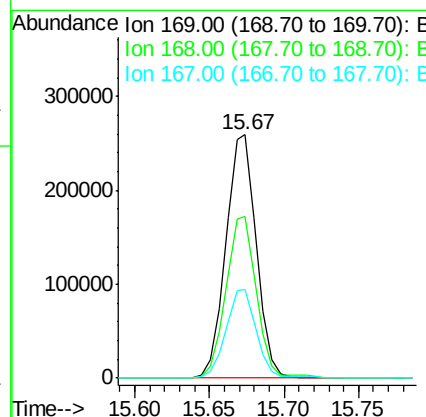
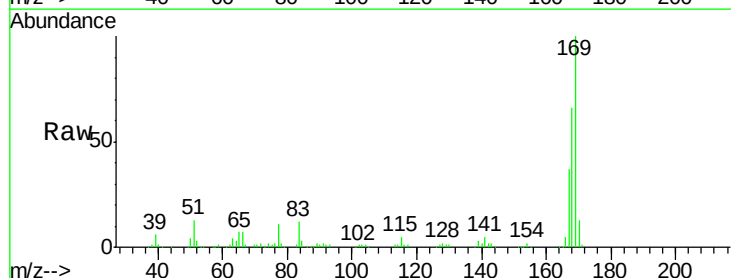
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SST02058

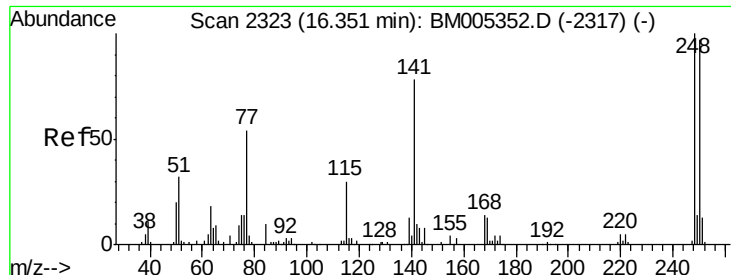
Tgt Ion:198 Resp: 73208  
 Ion Ratio Lower Upper  
 198 100  
 182 4.1 5.5 8.3#  
 77 25.6 24.2 36.2



#64  
 N-Nitrosodiphenylamine  
 Concen: 21.38 ng/ul  
 RT: 15.67 min Scan# 2208  
 Delta R.T. 0.01 min  
 Lab File: BM005367.D  
 Acq: 09 May 2016 19:53

Tgt Ion:169 Resp: 371597  
 Ion Ratio Lower Upper  
 169 100  
 168 66.3 52.9 79.3  
 167 36.5 28.2 42.4

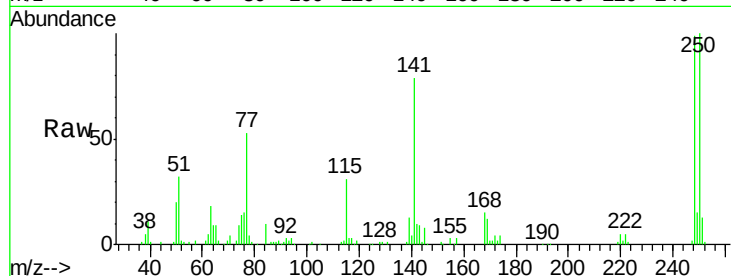




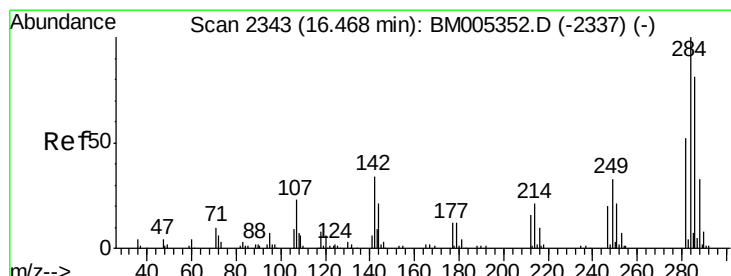
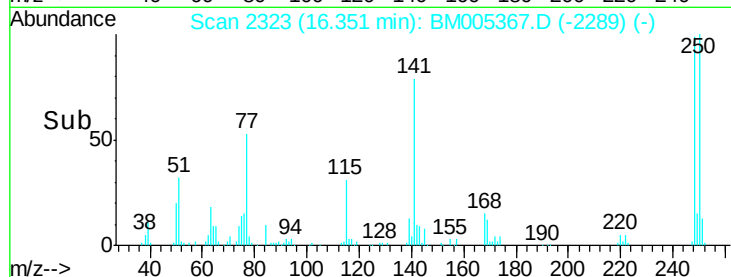
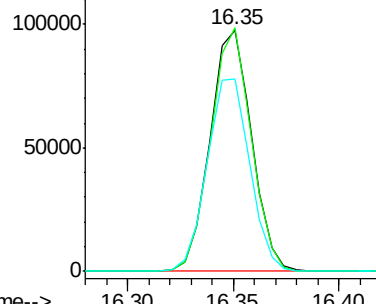
#65  
4-Bromophenyl-phenylether  
Concen: 21.94 ng/ul  
RT: 16.35 min Scan# 2323  
Delta R.T. -0.00 min  
Lab File: BM005367.D  
Acq: 09 May 2016 19:53

Instrument :  
BNA\_M  
ClientSampled :  
SSTD02058

Tgt Ion:248 Resp: 133470  
Ion Ratio Lower Upper  
248 100  
250 100.8 78.4 117.6  
141 79.7 67.0 100.4

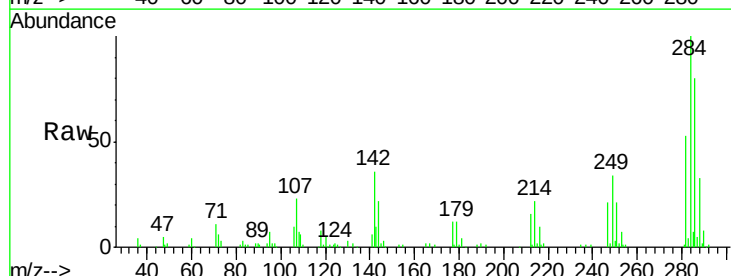


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

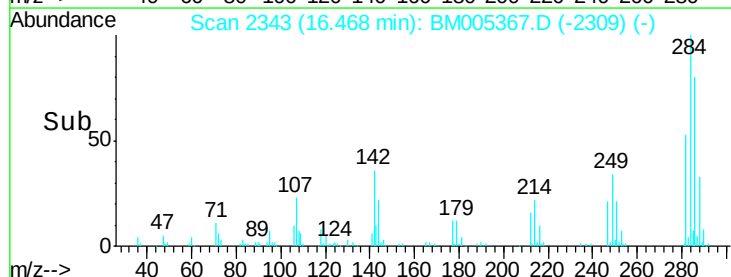
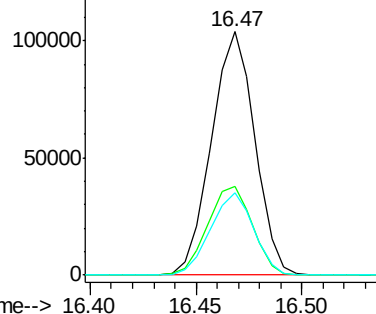


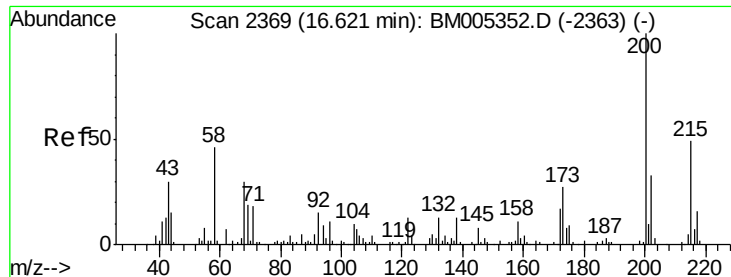
#66  
Hexachlorobenzene  
Concen: 21.71 ng/ul  
RT: 16.47 min Scan# 2343  
Delta R.T. -0.00 min  
Lab File: BM005367.D  
Acq: 09 May 2016 19:53

Tgt Ion:284 Resp: 148178  
Ion Ratio Lower Upper  
284 100  
142 36.3 31.0 46.6  
249 33.9 26.9 40.3



Abundance Ion 284.00 (283.70 to 284.70): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

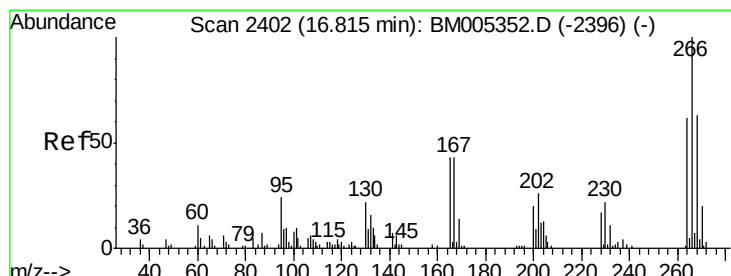
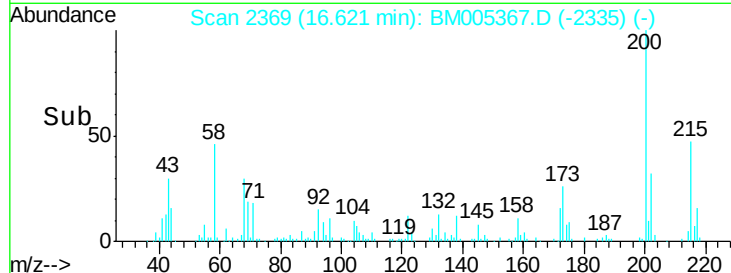
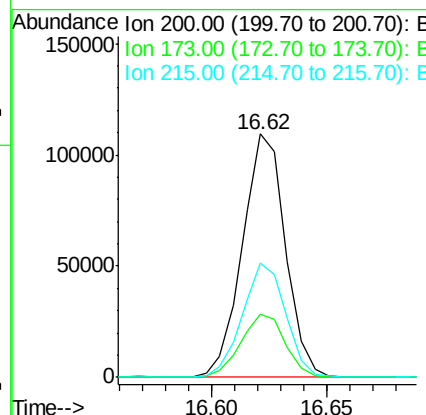
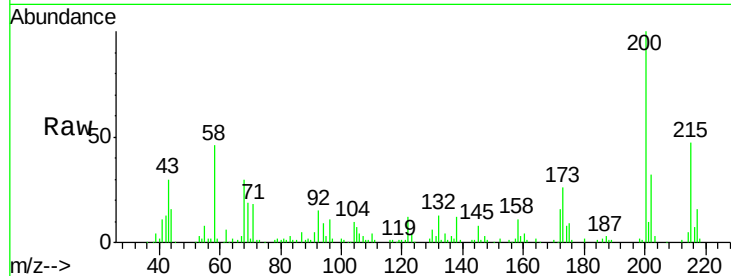




#67  
 Atrazine  
 Concen: 22.37 ng/ul  
 RT: 16.62 min Scan# 2369  
 Delta R.T. -0.00 min  
 Lab File: BM005367.D  
 Acq: 09 May 2016 19:53

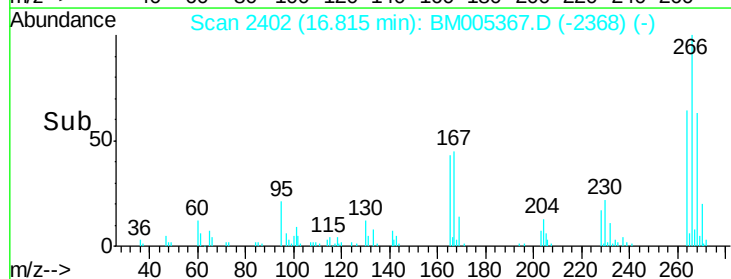
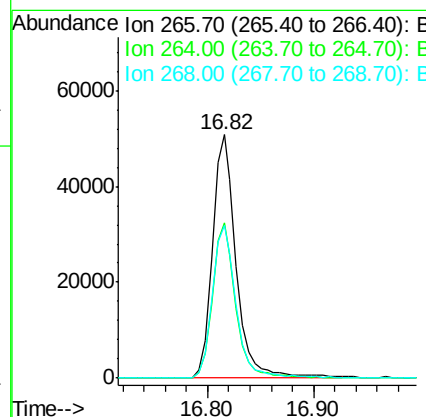
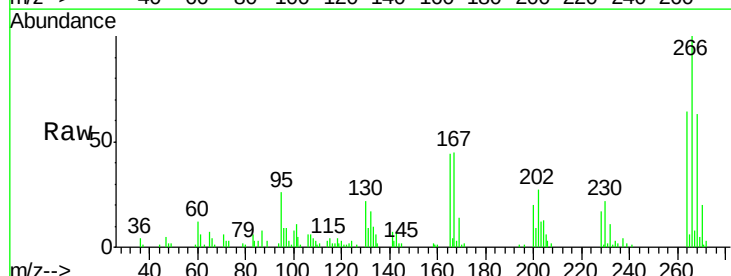
Instrument :  
 BNA\_M  
 ClientSampled :  
 SST02058

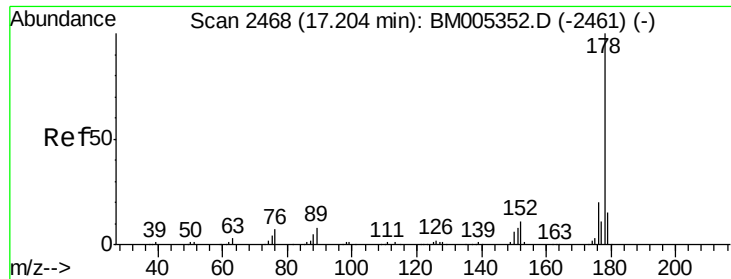
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 26.2  | 21.0  | 31.4  |
| 215     | 47.2  | 37.4  | 56.2  |



#68  
 Pentachlorophenol  
 Concen: 21.03 ng/ul  
 RT: 16.82 min Scan# 2402  
 Delta R.T. -0.00 min  
 Lab File: BM005367.D  
 Acq: 09 May 2016 19:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 63.6  | 52.0  | 78.0  |
| 268     | 62.6  | 53.0  | 79.6  |





#69

Phenanthrene

Concen: 20.71 ng/ul

RT: 17.20 min Scan# 2468

Delta R.T. -0.00 min

Lab File: BM005367.D

Acq: 09 May 2016 19:53

Instrument :

BNA\_M

ClientSampleId :

SSTD02058

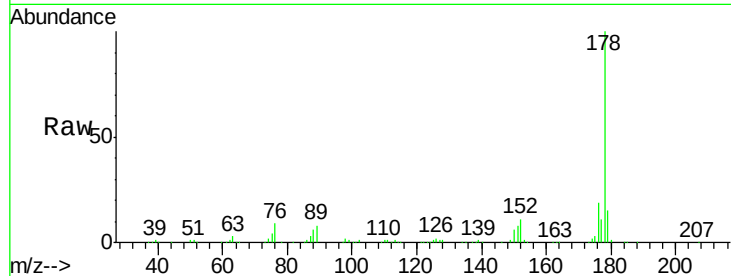
Tgt Ion:178 Resp: 690937

Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

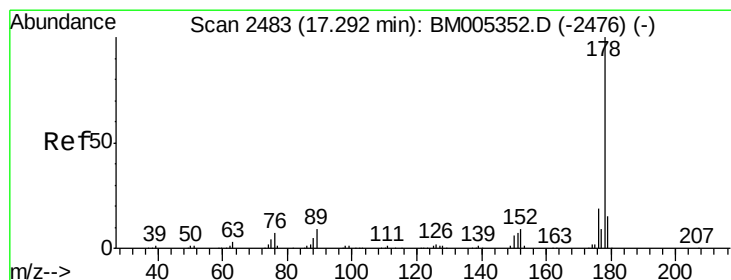
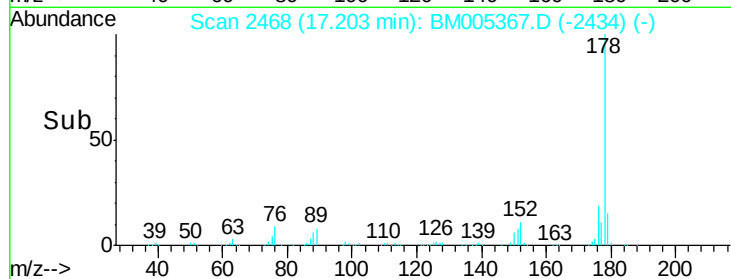
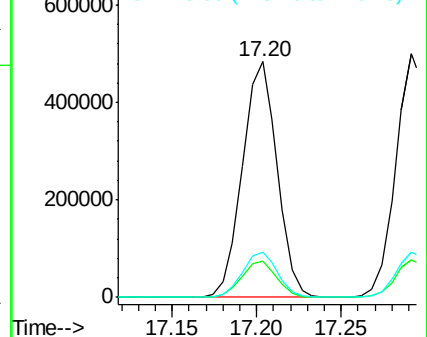
176 19.2 15.2 22.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 21.16 ng/ul

RT: 17.29 min Scan# 2483

Delta R.T. -0.00 min

Lab File: BM005367.D

Acq: 09 May 2016 19:53

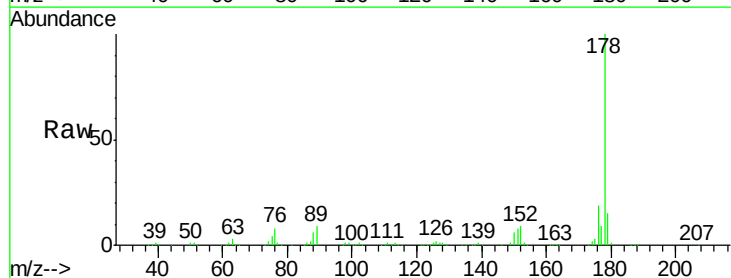
Tgt Ion:178 Resp: 704059

Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

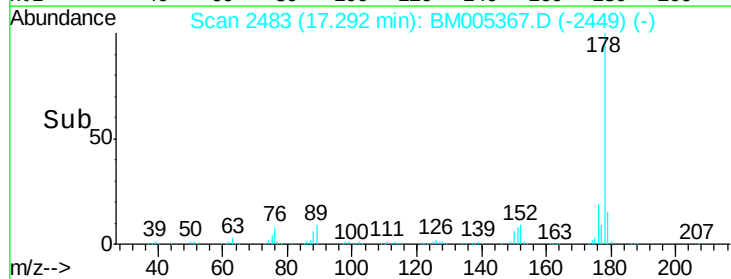
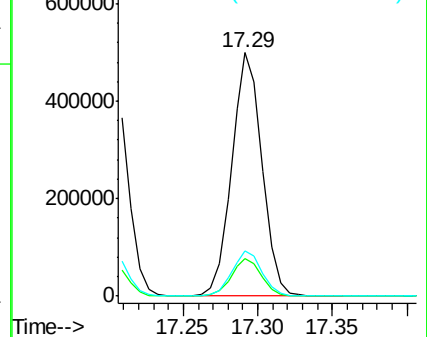
176 18.7 15.1 22.7

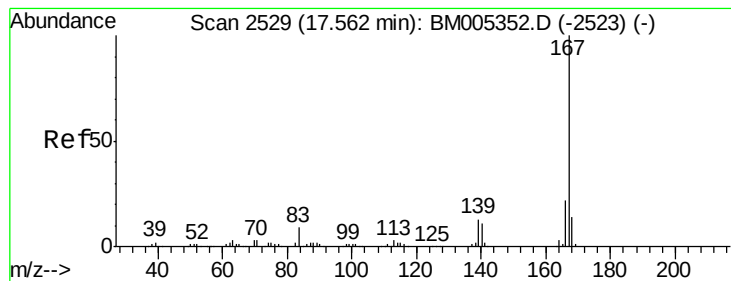


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 21.93 ng/ul

RT: 17.57 min Scan# 2530

Delta R.T. 0.01 min

Lab File: BM005367.D

Acq: 09 May 2016 19:53

Instrument :

BNA\_M

ClientSampleId :

SSTD02058

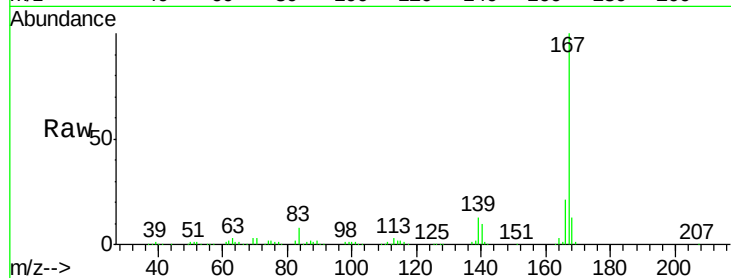
Tgt Ion:167 Resp: 641922

Ion Ratio Lower Upper

167 100

166 21.2 17.1 25.7

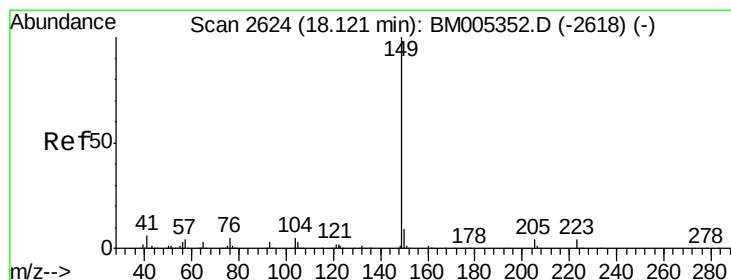
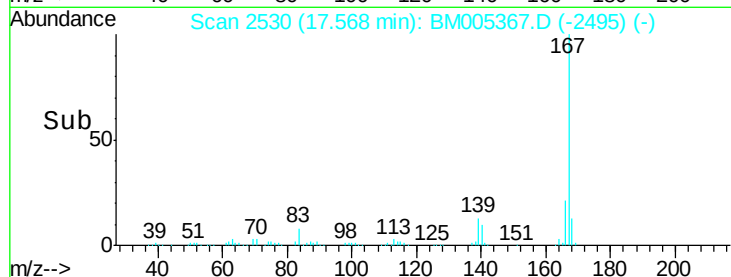
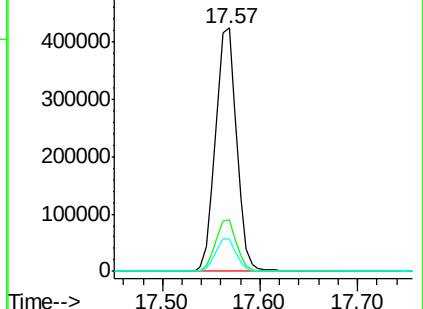
139 13.2 10.2 15.2



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: 21.49 ng/ul

RT: 18.12 min Scan# 2624

Delta R.T. -0.00 min

Lab File: BM005367.D

Acq: 09 May 2016 19:53

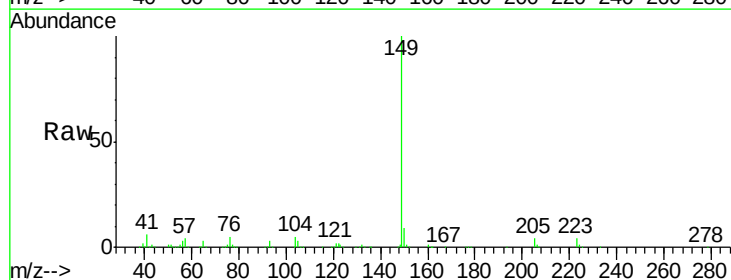
Tgt Ion:149 Resp: 767363

Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

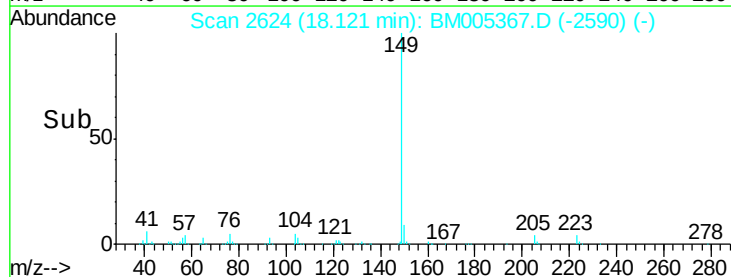
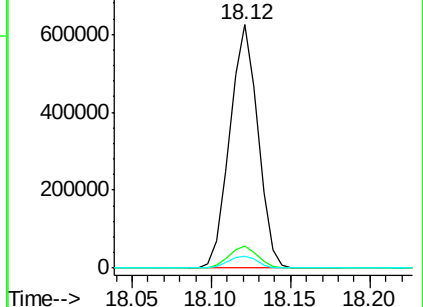
104 5.1 4.1 6.1

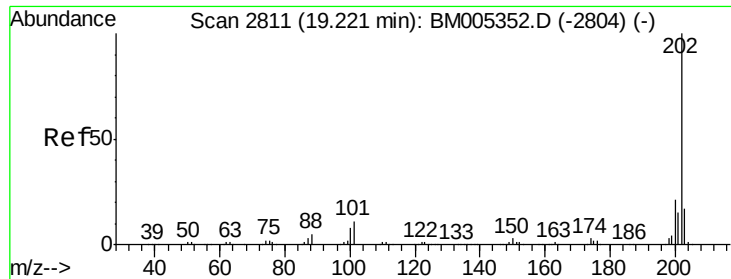


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

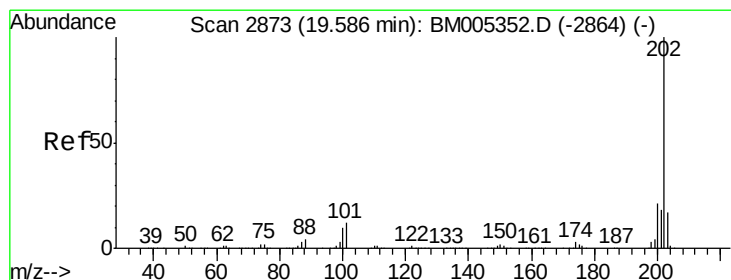
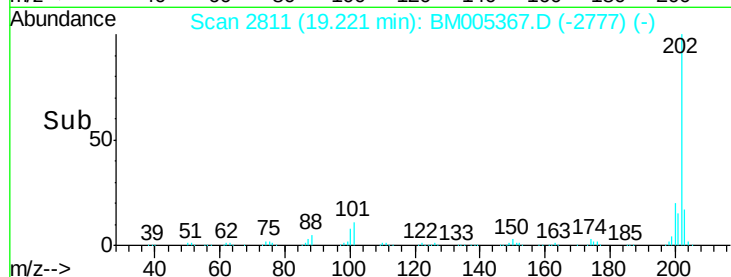
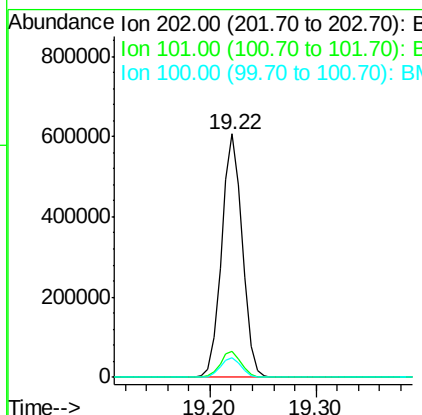
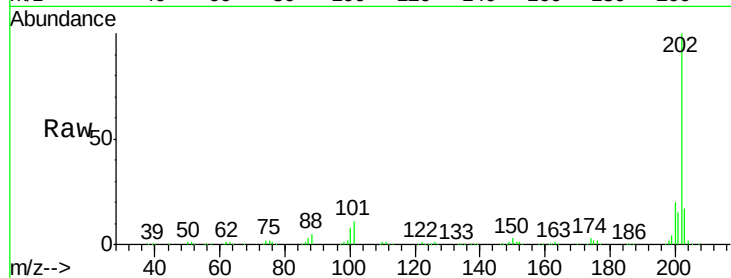




#74  
 Fluoranthene  
 Concen: 22.30 ng/ul  
 RT: 19.22 min Scan# 2811  
 Delta R.T. -0.00 min  
 Lab File: BM005367.D  
 Acq: 09 May 2016 19:53

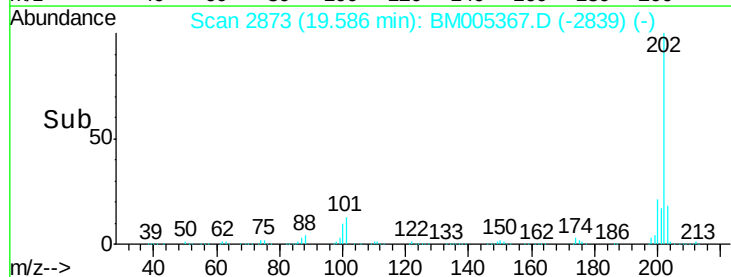
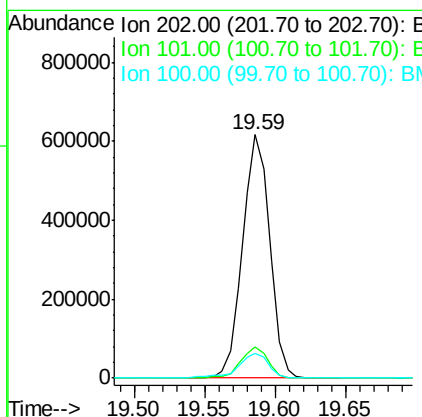
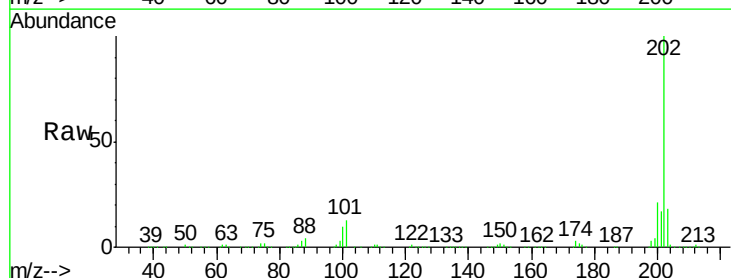
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02058

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 10.7  | 9.2   | 13.8  |
| 100     | 8.0   | 7.1   | 10.7  |

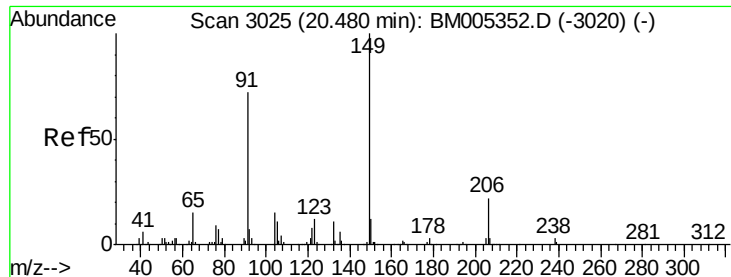


#77  
 Pyrene  
 Concen: 22.01 ng/ul  
 RT: 19.59 min Scan# 2873  
 Delta R.T. -0.00 min  
 Lab File: BM005367.D  
 Acq: 09 May 2016 19:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 12.6  | 10.8  | 16.2  |
| 100     | 10.1  | 8.4   | 12.6  |



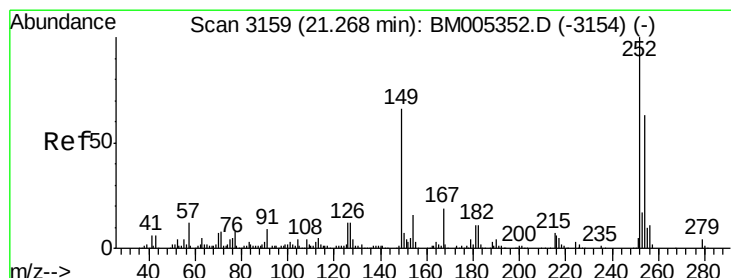
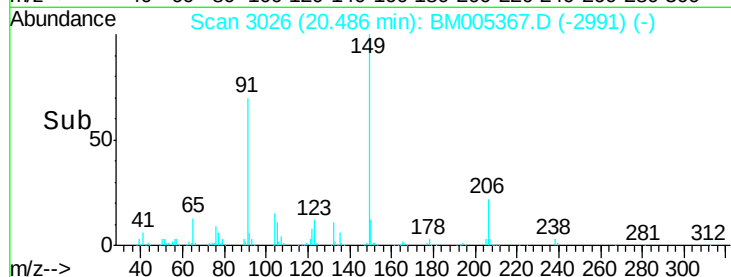
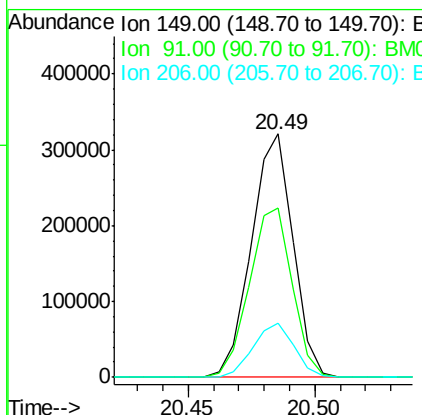
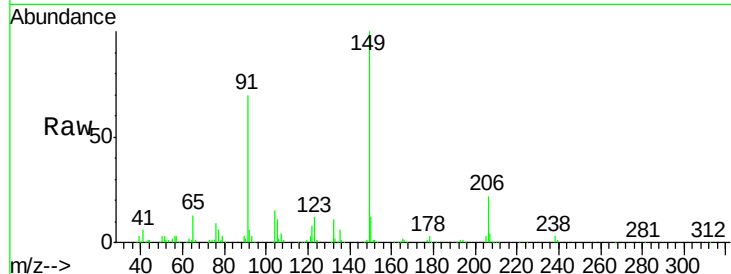




#78  
Butylbenzylphthalate  
Concen: 23.50 ng/ul  
RT: 20.49 min Scan# 3026  
Delta R.T. 0.01 min  
Lab File: BM005367.D  
Acq: 09 May 2016 19:53

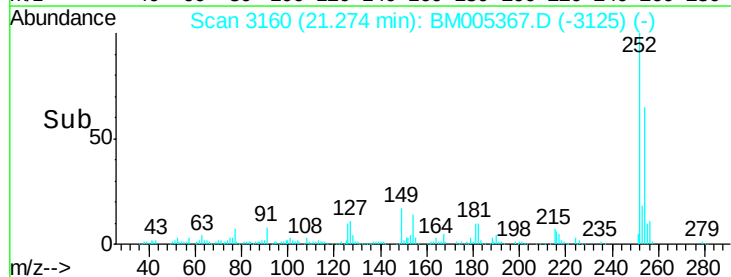
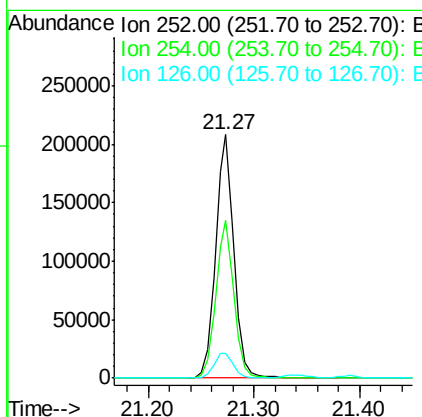
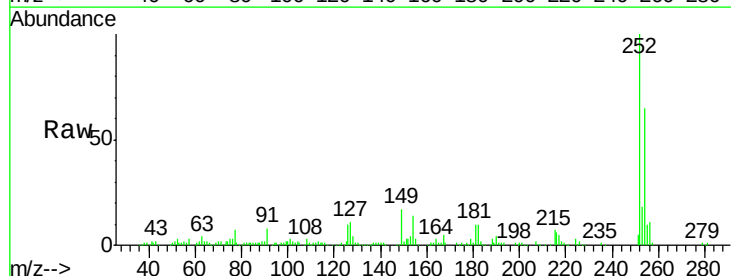
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02058

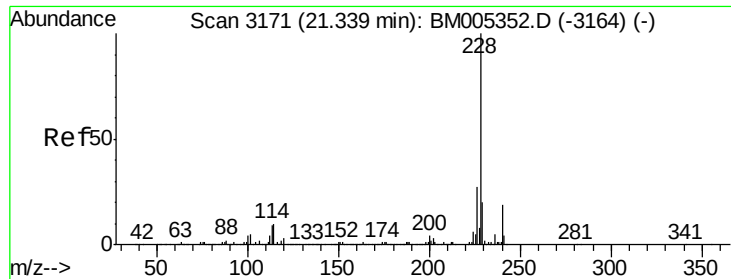
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 69.7  | 58.4  | 87.6  |
| 206     | 22.5  | 17.3  | 25.9  |



#79  
3,3'-Dichlorobenzidine  
Concen: 21.63 ng/ul  
RT: 21.27 min Scan# 3160  
Delta R.T. 0.01 min  
Lab File: BM005367.D  
Acq: 09 May 2016 19:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.9  | 52.1  | 78.1  |
| 126     | 10.3  | 9.8   | 14.8  |





#80

Benzo(a)anthracene

Concen: 20.57 ng/ul

RT: 21.34 min Scan# 3171

Delta R.T. -0.00 min

Lab File: BM005367.D

Acq: 09 May 2016 19:53

Instrument :

BNA\_M

ClientSampleId :

SSTD02058

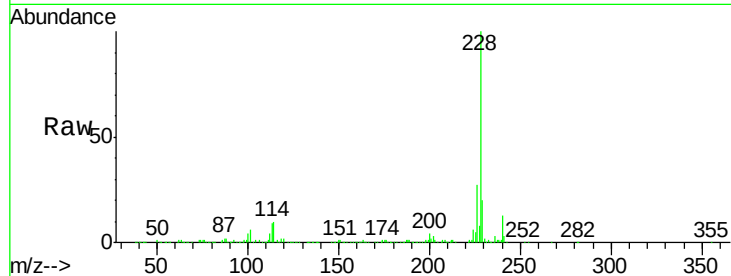
Tgt Ion:228 Resp: 770472

Ion Ratio Lower Upper

228 100

229 19.8 15.5 23.3

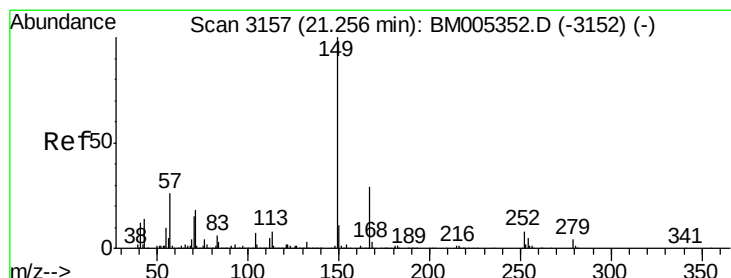
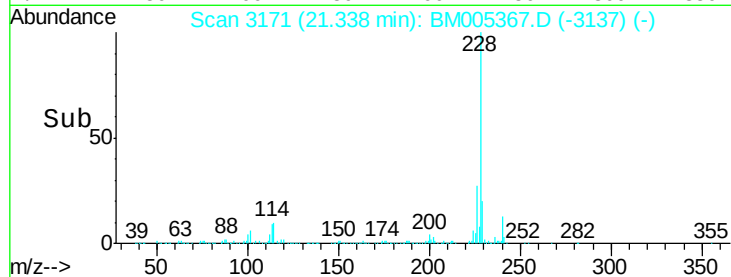
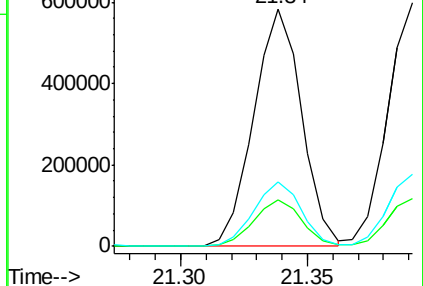
226 27.0 21.8 32.8



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: 23.79 ng/ul

RT: 21.26 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BM005367.D

Acq: 09 May 2016 19:53

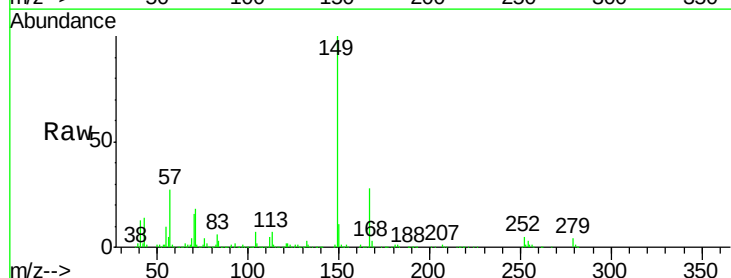
Tgt Ion:149 Resp: 518267

Ion Ratio Lower Upper

149 100

167 28.0 21.9 32.9

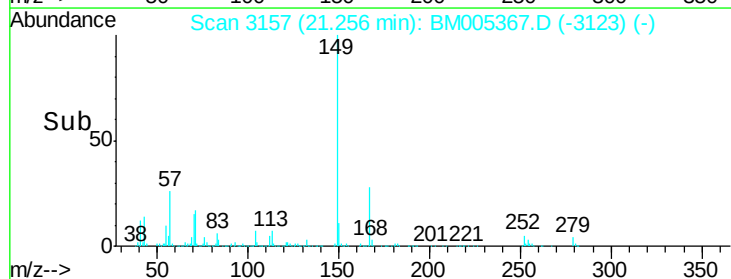
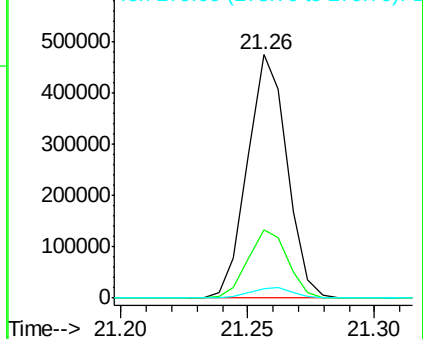
279 4.1 3.0 4.4

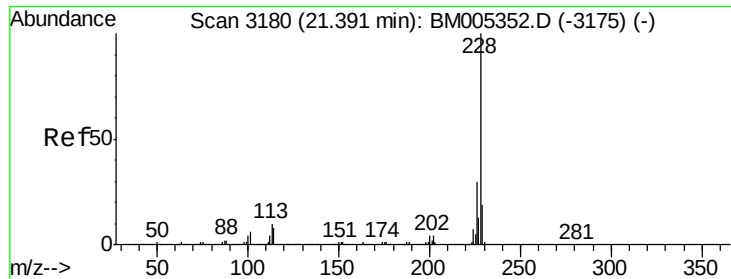


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

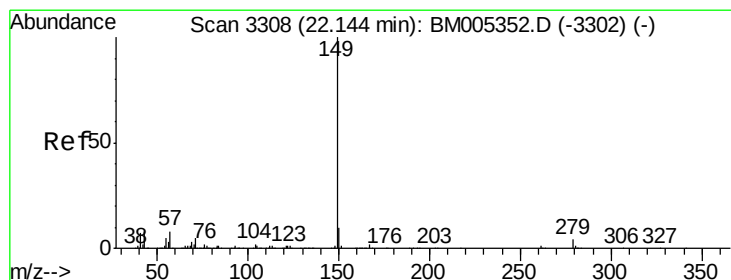
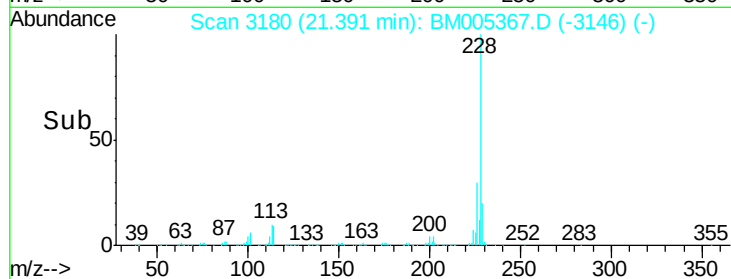
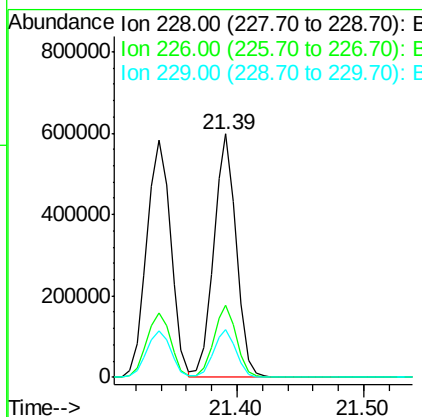
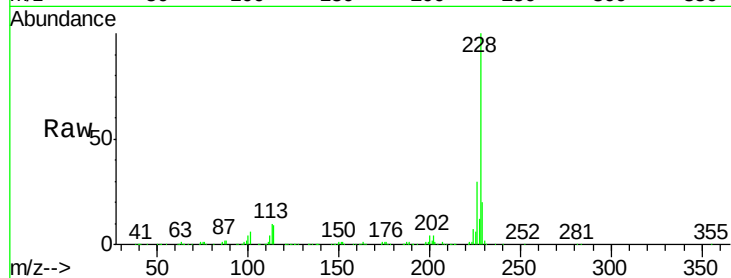




#82  
 Chrysene  
 Concen: 20.85 ng/ul  
 RT: 21.39 min Scan# 3180  
 Delta R.T. -0.00 min  
 Lab File: BM005367.D  
 Acq: 09 May 2016 19:53

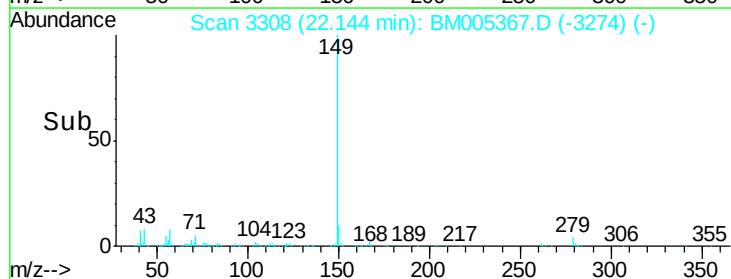
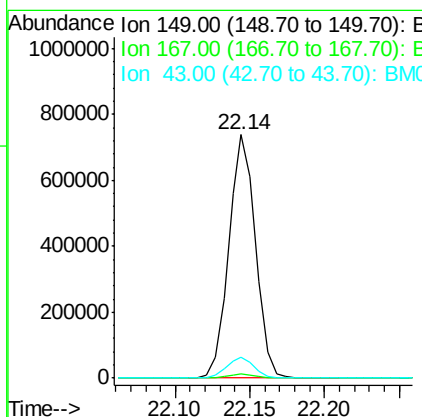
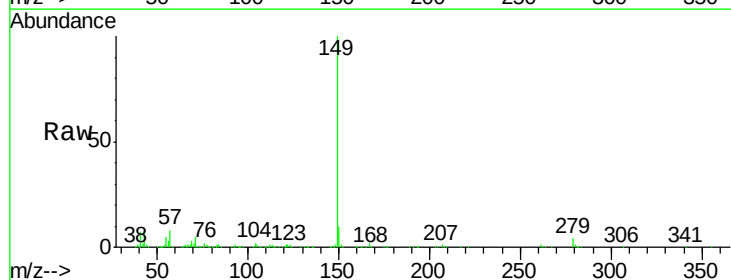
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02058

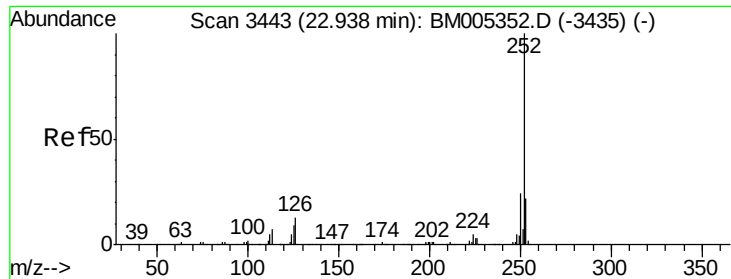
Tgt Ion: 228 Resp: 740858  
 Ion Ratio Lower Upper  
 228 100  
 226 29.8 23.6 35.4  
 229 19.7 15.4 23.0



#84  
 Di-n-octyl phthalate  
 Concen: 29.27 ng/ul  
 RT: 22.14 min Scan# 3308  
 Delta R.T. -0.00 min  
 Lab File: BM005367.D  
 Acq: 09 May 2016 19:53

Tgt Ion: 149 Resp: 922351  
 Ion Ratio Lower Upper  
 149 100  
 167 1.5 1.3 1.9  
 43 8.4 7.4 11.0

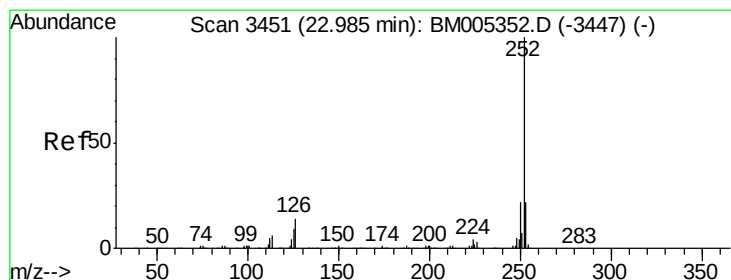
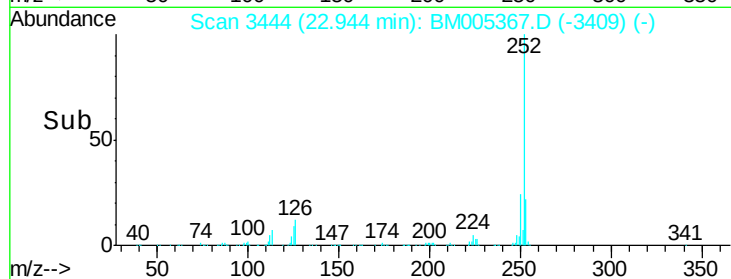
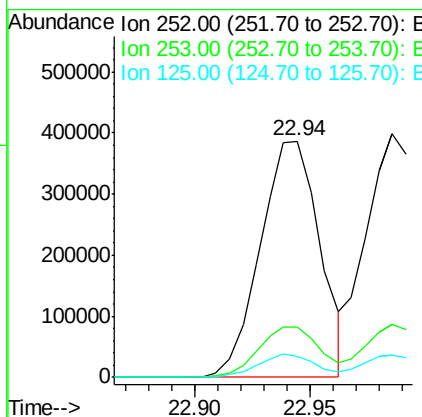
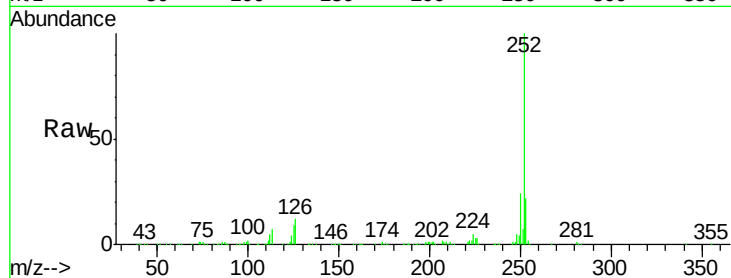




#85  
Benzo(b)fluoranthene  
Concen: 21.97 ng/ul  
RT: 22.94 min Scan# 3444  
Delta R.T. 0.01 min  
Lab File: BM005367.D  
Acq: 09 May 2016 19:53

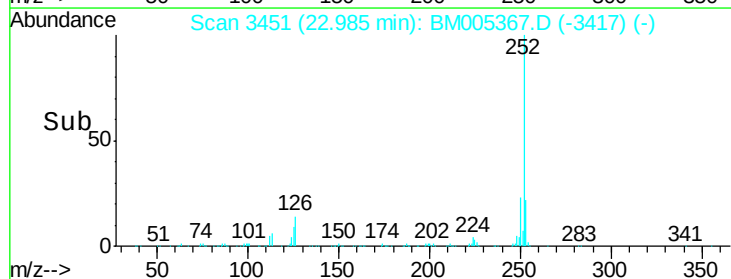
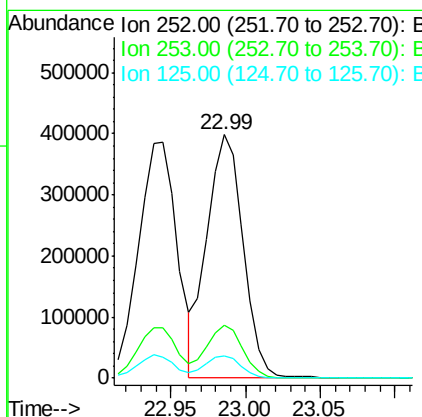
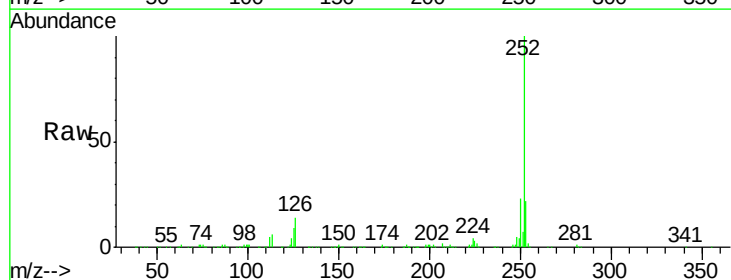
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02058

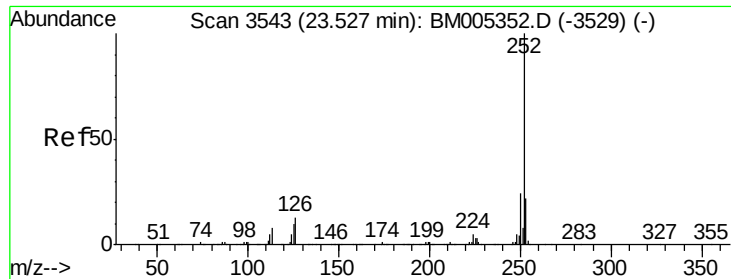
Tgt Ion:252 Resp: 692650  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.4 26.2  
125 9.1 8.4 12.6



#86  
Benzo(k)fluoranthene  
Concen: 22.67 ng/ul  
RT: 22.99 min Scan# 3451  
Delta R.T. -0.00 min  
Lab File: BM005367.D  
Acq: 09 May 2016 19:53

Tgt Ion:252 Resp: 673017  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.3 25.9  
125 9.3 8.0 12.0





#88

Benzo(a)pyrene

Concen: 21.02 ng/ul

RT: 23.53 min Scan# 3543

Delta R.T. -0.00 min

Lab File: BM005367.D

Acq: 09 May 2016 19:53

Instrument :

BNA\_M

ClientSampleId :

SSTD02058

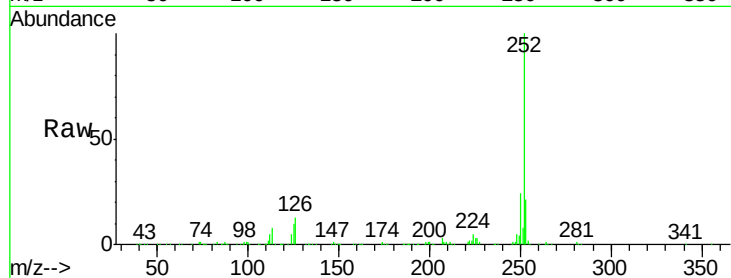
Tgt Ion:252 Resp: 626888

Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

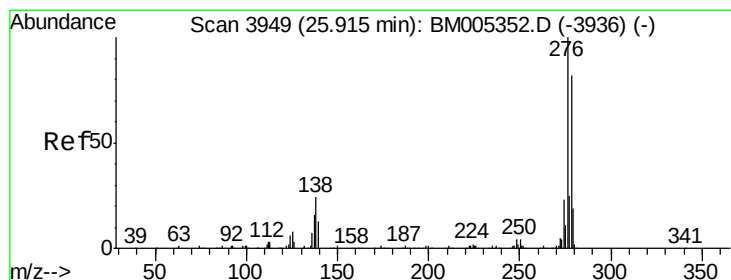
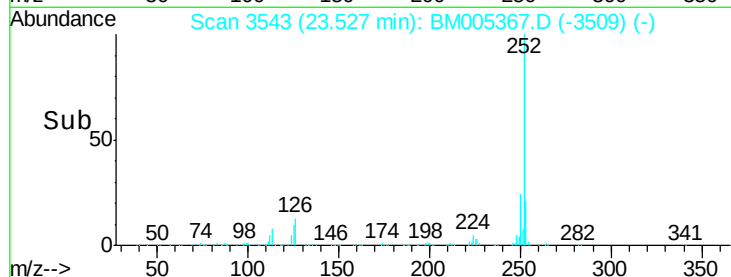
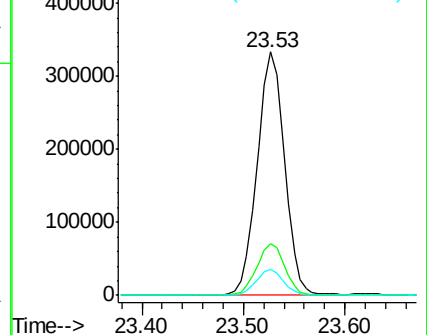
125 10.5 8.7 13.1



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: 18.22 ng/ul

RT: 25.92 min Scan# 3950

Delta R.T. 0.01 min

Lab File: BM005367.D

Acq: 09 May 2016 19:53

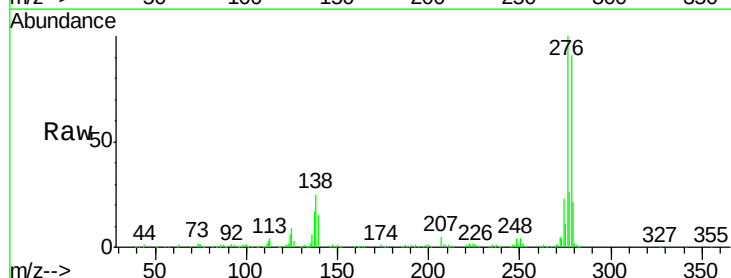
Tgt Ion:276 Resp: 592806

Ion Ratio Lower Upper

276 100

138 24.7 21.0 31.6

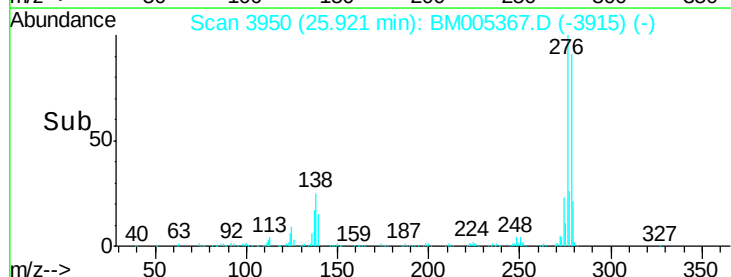
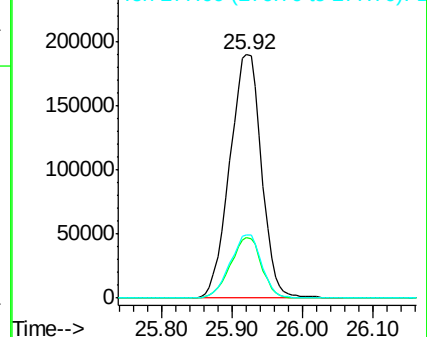
277 25.8 19.9 29.9

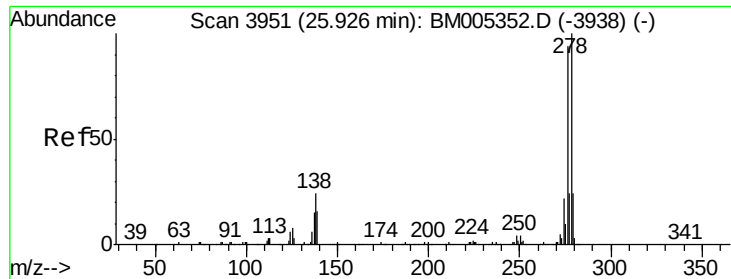


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 18.62 ng/ul

RT: 25.93 min Scan# 3951

Delta R.T. -0.00 min

Lab File: BM005367.D

Acq: 09 May 2016 19:53

Instrument :

BNA\_M

ClientSampleId :

SSTD02058

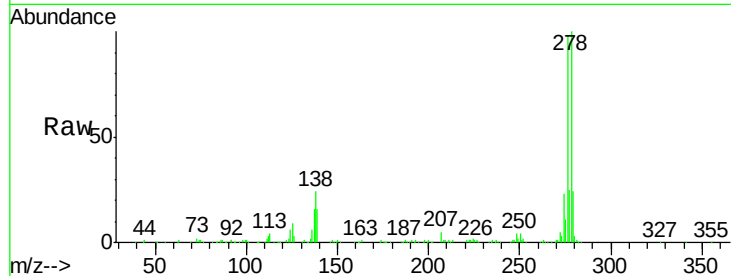
Tgt Ion:278 Resp: 507023

Ion Ratio Lower Upper

278 100

139 15.6 13.8 20.6

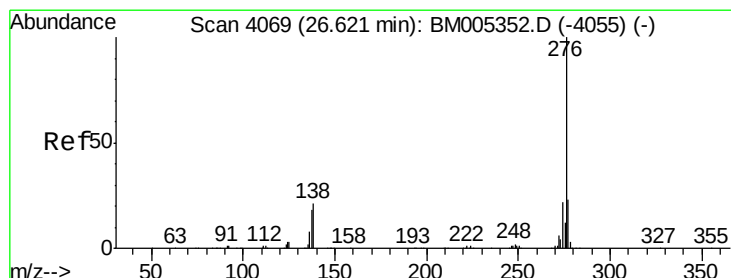
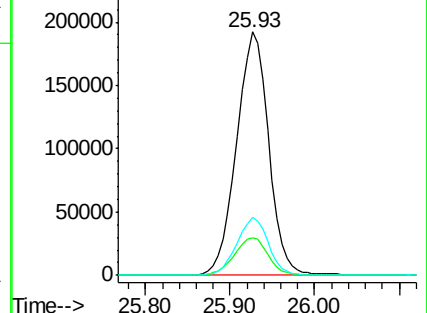
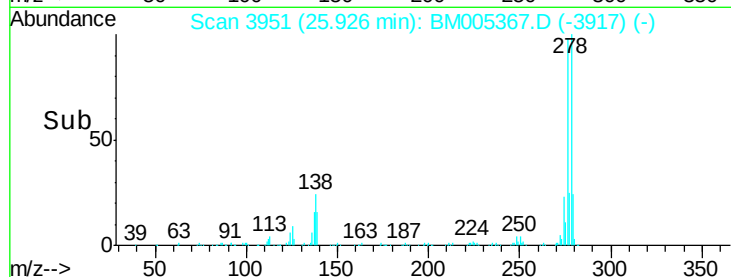
279 23.6 18.9 28.3



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: 17.47 ng/ul

RT: 26.62 min Scan# 4069

Delta R.T. -0.00 min

Lab File: BM005367.D

Acq: 09 May 2016 19:53

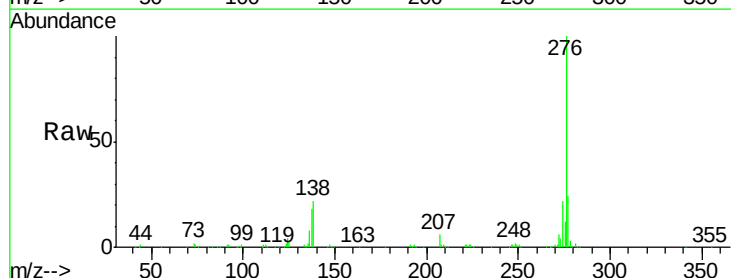
Tgt Ion:276 Resp: 481379

Ion Ratio Lower Upper

276 100

138 21.6 18.2 27.4

277 23.7 19.4 29.2



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

