

Data Path : Z:\HPCHEM1\BNA M\DATA\BM033117\  
 Data File : BM009487.D  
 Acq On : 31 Mar 2017 23:09  
 Operator : SJ/MA  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Apr 01 02:14:31 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 31 12:10:26 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.85  | 152  | 144653   | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 10.65 | 136  | 579687   | 20.00 | ng    | -0.02    |
| 38) Acenaphthene-d10      | 14.49 | 164  | 354016   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 17.24 | 188  | 859374   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 21.42 | 240  | 1156072  | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 23.74 | 264  | 1072600  | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.42  | 112 | 690861  | 79.61 | ng | -0.01 |
| 7) Phenol-d6             | 7.00  | 99  | 989667  | 83.63 | ng | -0.02 |
| 23) Nitrobenzene-d5      | 9.02  | 82  | 1266632 | 81.92 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 15.99 | 330 | 384264  | 87.37 | ng | -0.01 |
| 44) 2-Fluorobiphenyl     | 13.11 | 172 | 2370390 | 80.68 | ng | -0.01 |
| 78) Terphenyl-d14        | 19.86 | 244 | 4456175 | 80.55 | ng | 0.00  |

## Target Compounds

|                                |       |     |         |       |    | Qvalue |
|--------------------------------|-------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.36  | 88  | 155216  | 35.57 | ng | # 100  |
| 3) Pyridine                    | 3.75  | 79  | 486353  | 39.44 | ng | # 81   |
| 4) n-Nitrosodimethylamine      | 3.67  | 42  | 262493  | 39.98 | ng | # 63   |
| 6) Aniline                     | 7.18  | 93  | 668647  | 41.58 | ng | # 91   |
| 8) 2-Chlorophenol              | 7.41  | 128 | 360219  | 40.94 | ng | # 80   |
| 9) Benzaldehyde                | 7.00  | 77  | 341593  | 36.67 | ng | # 83   |
| 10) Phenol                     | 7.03  | 94  | 532618  | 41.54 | ng | # 88   |
| 11) bis(2-Chloroethyl)ether    | 7.27  | 93  | 421018  | 40.06 | ng | # 82   |
| 12) 1,3-Dichlorobenzene        | 7.73  | 146 | 417702  | 39.65 | ng | # 84   |
| 13) 1,4-Dichlorobenzene        | 7.88  | 146 | 429842  | 39.49 | ng | # 92   |
| 14) 1,2-Dichlorobenzene        | 8.20  | 146 | 417053  | 39.45 | ng | # 93   |
| 15) Benzyl Alcohol             | 8.09  | 79  | 430701  | 41.63 | ng | # 86   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.36  | 45  | 729955  | 39.96 | ng | # 93   |
| 17) 2-Methylphenol             | 8.28  | 107 | 358245  | 42.70 | ng | # 84   |
| 18) Hexachloroethane           | 8.92  | 117 | 183737  | 41.26 | ng | # 90   |
| 19) n-Nitroso-di-n-propylamine | 8.65  | 70  | 410469  | 43.02 | ng | # 88   |
| 20) 3+4-Methylphenols          | 8.61  | 107 | 482645  | 42.31 | ng | # 90   |
| 22) Acetophenone               | 8.67  | 105 | 663424  | 40.58 | ng | # 88   |
| 24) Nitrobenzene               | 9.06  | 77  | 617532  | 40.77 | ng | # 91   |
| 25) Isophorone                 | 9.57  | 82  | 1001824 | 42.48 | ng | # 88   |
| 26) 2-Nitrophenol              | 9.76  | 139 | 195042  | 42.69 | ng | # 54   |
| 27) 2,4-Dimethylphenol         | 9.81  | 122 | 349096  | 41.77 | ng | # 86   |
| 28) bis(2-Chloroethoxy)methane | 10.06 | 93  | 592487  | 40.57 | ng | # 99   |
| 29) 2,4-Dichlorophenol         | 10.29 | 162 | 364482  | 41.72 | ng | # 93   |
| 30) 1,2,4-Trichlorobenzene     | 10.50 | 180 | 430859  | 39.75 | ng | # 97   |
| 31) Naphthalene                | 10.69 | 128 | 1252178 | 40.70 | ng | # 99   |
| 32) Benzoic acid               | 9.95  | 122 | 218687  | 37.49 | ng | # 62   |
| 33) 4-Chloroaniline            | 10.81 | 127 | 507567  | 42.76 | ng | # 81   |
| 34) Hexachlorobutadiene        | 10.96 | 225 | 293970  | 39.60 | ng | # 97   |
| 35) Caprolactam                | 11.60 | 113 | 122500  | 45.93 | ng | # 60   |
| 36) 4-Chloro-3-methylphenol    | 11.92 | 107 | 426384  | 43.14 | ng | # 82   |
| 37) 2-Methylnaphthalene        | 12.30 | 142 | 894306  | 42.11 | ng | # 93   |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.67 | 216 | 527937  | 39.50 | ng | # 100  |
| 40) Hexachlorocyclopentadiene  | 12.65 | 237 | 281552  | 36.70 | ng | # 97   |

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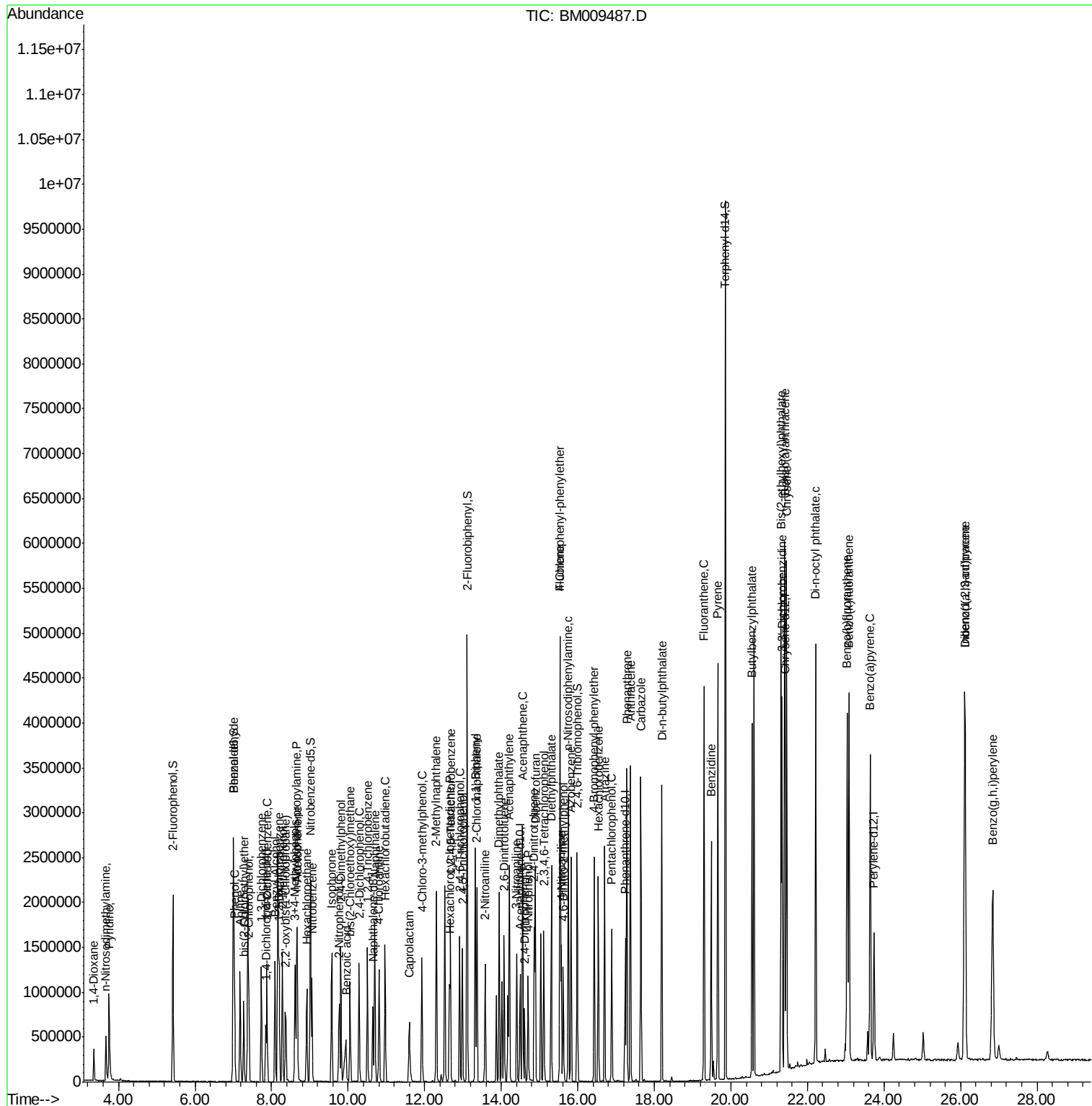
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 12.92 | 196  | 319621   | 41.82 | nq    | 96       |
| 43) 2,4,5-Trichlorophenol      | 12.99 | 196  | 353410   | 41.45 | nq #  | 90       |
| 45) 1,1'-Biphenyl              | 13.32 | 154  | 1195565  | 40.58 | nq    | 96       |
| 46) 2-Chloronaphthalene        | 13.36 | 162  | 920024   | 40.20 | nq    | 95       |
| 47) 2-Nitroaniline             | 13.58 | 65   | 380409   | 45.12 | nq #  | 70       |
| 48) Acenaphthylene             | 14.22 | 152  | 1568885  | 42.09 | nq    | 99       |
| 49) Dimethylphthalate          | 13.95 | 163  | 1130646  | 41.60 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.07 | 165  | 255279   | 43.58 | nq #  | 75       |
| 51) Acenaphthene               | 14.56 | 154  | 936195   | 41.63 | nq    | 99       |
| 52) 3-Nitroaniline             | 14.41 | 138  | 262409   | 45.47 | nq #  | 57       |
| 53) 2,4-Dinitrophenol          | 14.62 | 184  | 133425   | 36.93 | nq    | 93       |
| 54) Dibenzofuran               | 14.89 | 168  | 1384625  | 41.63 | nq    | 95       |
| 55) 4-Nitrophenol              | 14.70 | 139  | 206316   | 43.25 | nq #  | 16       |
| 56) 2,4-Dinitrotoluene         | 14.86 | 165  | 356088   | 44.93 | nq #  | 97       |
| 57) Fluorene                   | 15.54 | 166  | 1245451  | 41.66 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.12 | 232  | 310534   | 43.06 | nq #  | 100      |
| 59) Diethylphthalate           | 15.31 | 149  | 1188767  | 43.11 | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 15.53 | 204  | 639802   | 40.99 | nq    | 99       |
| 61) 4-Nitroaniline             | 15.57 | 138  | 292755   | 46.71 | nq #  | 30       |
| 62) Azobenzene                 | 15.83 | 77   | 1409595  | 43.79 | nq    | 85       |
| 64) 4,6-Dinitro-2-methylphenol | 15.62 | 198  | 216006   | 39.90 | nq    | 91       |
| 65) n-Nitrosodiphenylamine     | 15.75 | 169  | 1047269  | 40.12 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.43 | 248  | 401248   | 40.30 | nq #  | 90       |
| 67) Hexachlorobenzene          | 16.54 | 284  | 424655   | 38.91 | nq #  | 88       |
| 68) Atrazine                   | 16.70 | 200  | 409087   | 41.67 | nq    | 97       |
| 69) Pentachlorophenol          | 16.89 | 266  | 261600   | 39.24 | nq    | 96       |
| 70) Phenanthrene               | 17.28 | 178  | 1984099  | 40.38 | nq    | 99       |
| 71) Anthracene                 | 17.37 | 178  | 2053101  | 41.27 | nq    | 99       |
| 72) Carbazole                  | 17.65 | 167  | 2017530  | 42.34 | nq    | 98       |
| 73) Di-n-butylphthalate        | 18.20 | 149  | 2098602  | 43.12 | nq #  | 97       |
| 74) Fluoranthene               | 19.30 | 202  | 2484406  | 42.68 | nq    | 99       |
| 76) Benzidine                  | 19.49 | 184  | 1301899  | 37.79 | nq    | 99       |
| 77) Pyrene                     | 19.66 | 202  | 2615005  | 39.88 | nq    | 98       |
| 79) Butylbenzylphthalate       | 20.55 | 149  | 1032882  | 43.75 | nq #  | 77       |
| 80) Benzo(a)anthracene         | 21.40 | 228  | 2781513  | 41.20 | nq    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 21.34 | 252  | 1089468  | 43.09 | nq #  | 97       |
| 82) Chrysene                   | 21.46 | 228  | 2613944  | 40.54 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.32 | 149  | 1519084  | 43.11 | nq    | 99       |
| 84) Di-n-octyl phthalate       | 22.22 | 149  | 2608103  | 44.48 | nq #  | 91       |
| 85) Indeno(1,2,3-cd)pyrene     | 26.11 | 276  | 2978415  | 42.36 | nq #  | 100      |
| 87) Benzo(b)fluoranthene       | 23.04 | 252  | 2798868  | 41.17 | nq #  | 95       |
| 88) Benzo(k)fluoranthene       | 23.09 | 252  | 2685190  | 41.07 | nq #  | 98       |
| 89) Benzo(a)pyrene             | 23.64 | 252  | 2608534  | 41.43 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 26.12 | 278  | 2557595  | 41.47 | nq #  | 95       |
| 91) Benzo(g,h,i)perylene       | 26.84 | 276  | 2476457  | 41.19 | nq #  | 93       |

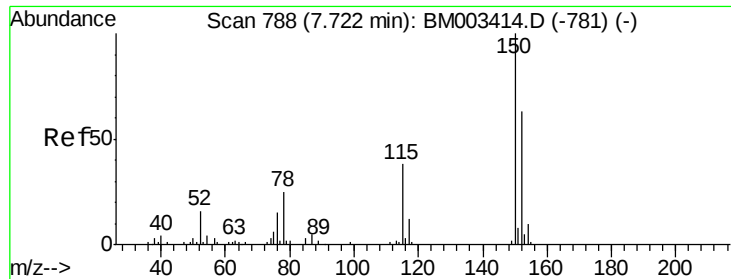
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.85 min Scan# 809

Delta R.T. -0.02 min

Lab File: BM009487.D

Acq: 31 Mar 2017 23:09

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

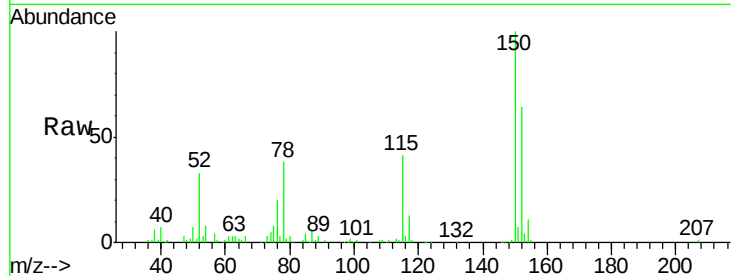
Tot Ion:152 Resp: 144653

Ion Ratio Lower Upper

152 100

150 156.7 119.5 179.3

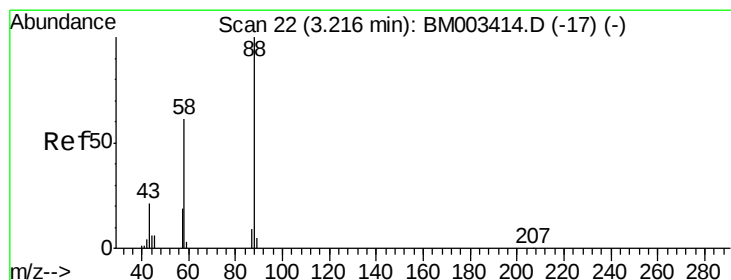
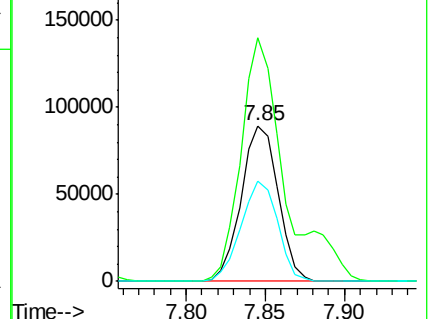
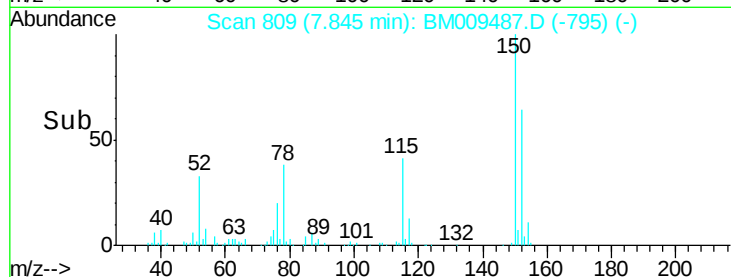
115 64.5 43.0 64.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.57 ng

RT: 3.36 min Scan# 46

Delta R.T. -0.01 min

Lab File: BM009487.D

Acq: 31 Mar 2017 23:09

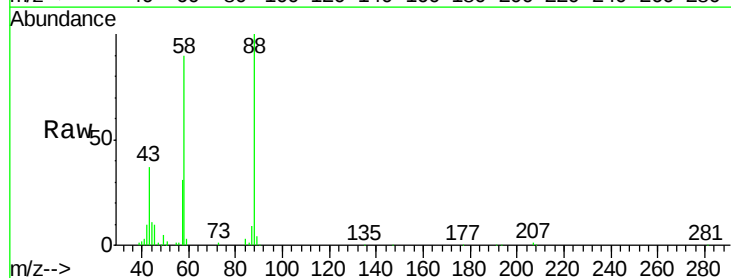
Tgt Ion: 88 Resp: 155216

Ion Ratio Lower Upper

88 100

58 84.6 0.0 0.0#

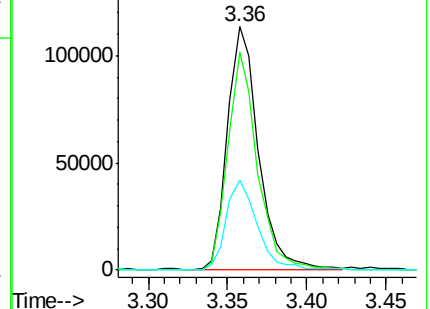
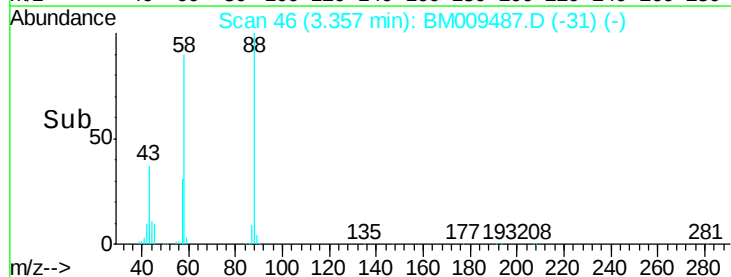
43 36.7 0.0 0.0#

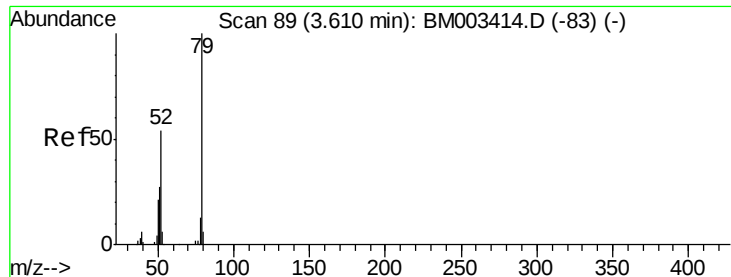


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 39.44 ng

RT: 3.75 min Scan# 113

Delta R.T. -0.01 min

Lab File: BM009487.D

Acq: 31 Mar 2017 23:09

Instrument :

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ClientSampleId :

SSTDCCC040

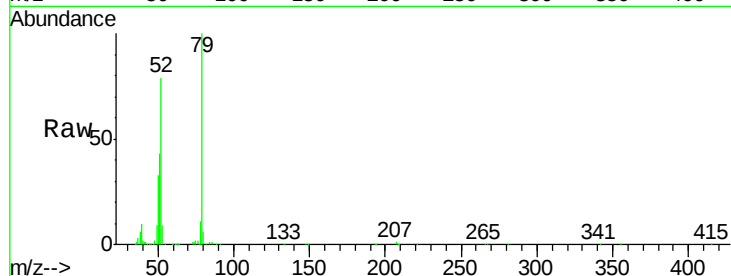
Tot Ion: 79 Resp: 486353

Ion Ratio Lower Upper

79 100

52 78.7 51.1 76.7#

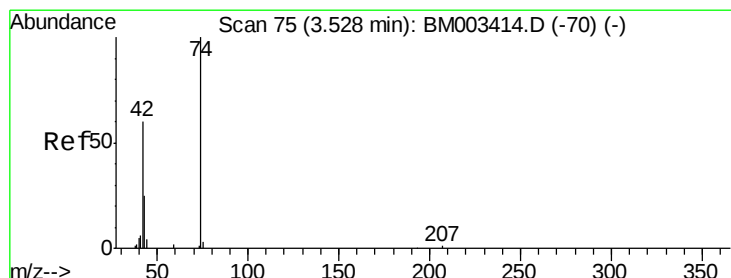
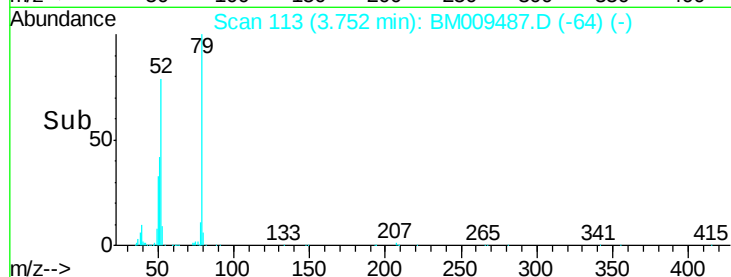
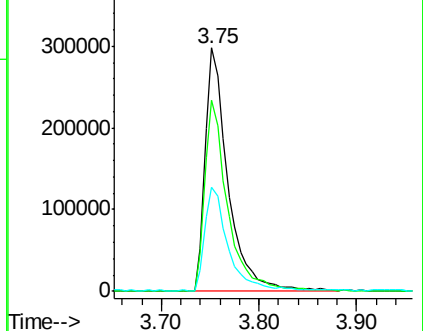
51 43.0 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM009487.D (-83) (-)

Ion 52.00 (51.70 to 52.70): BM009487.D (-83) (-)

Ion 51.00 (50.70 to 51.70): BM009487.D (-83) (-)



#4

n-Nitrosodimethylamine

Concen: 39.98 ng

RT: 3.67 min Scan# 99

Delta R.T. -0.01 min

Lab File: BM009487.D

Acq: 31 Mar 2017 23:09

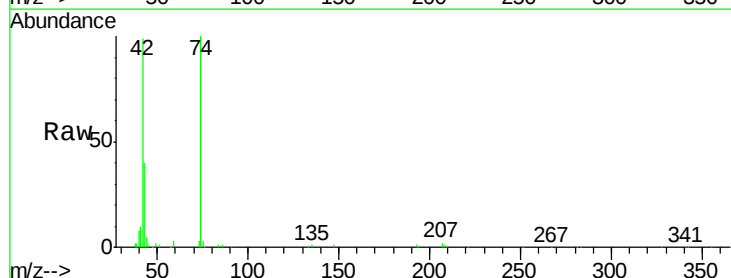
Tgt Ion: 42 Resp: 262493

Ion Ratio Lower Upper

42 100

74 100.7 119.3 178.9#

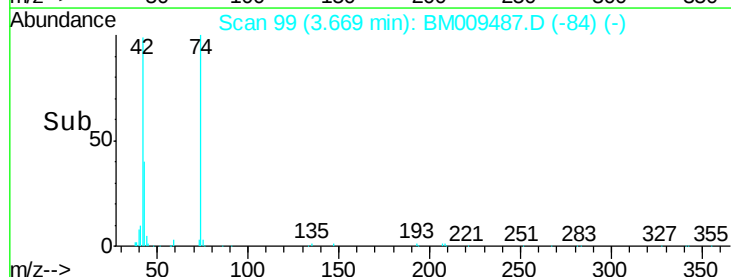
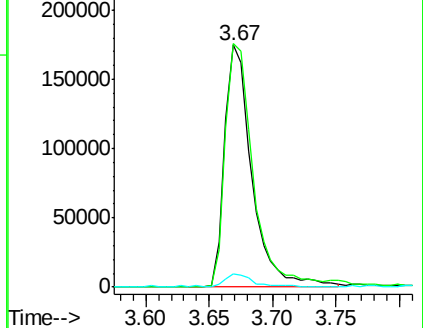
44 5.5 5.4 8.2

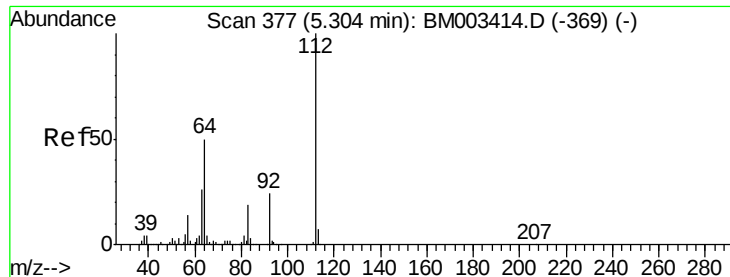


Abundance Ion 42.00 (41.70 to 42.70): BM009487.D (-84) (-)

Ion 74.00 (73.70 to 74.70): BM009487.D (-84) (-)

Ion 44.00 (43.70 to 44.70): BM009487.D (-84) (-)





#5

2-Fluorophenol

Concen: 79.61 ng

RT: 5.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BM009487.D

Acq: 31 Mar 2017 23:09

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ClientSampleId :

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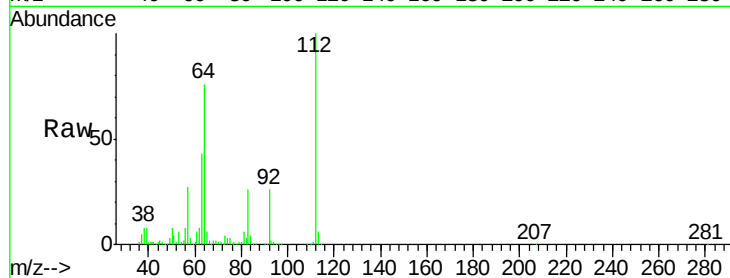
Tot Ion:112 Resp: 690861

Ion Ratio Lower Upper

112 100

64 75.6 38.6 57.8#

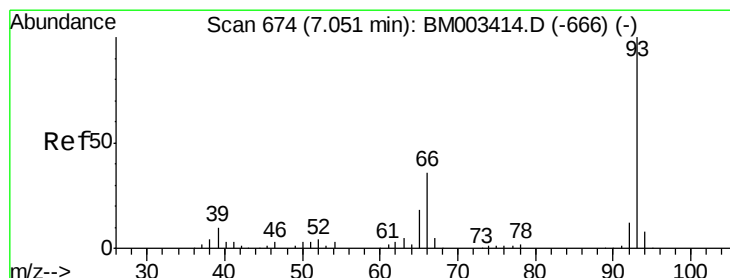
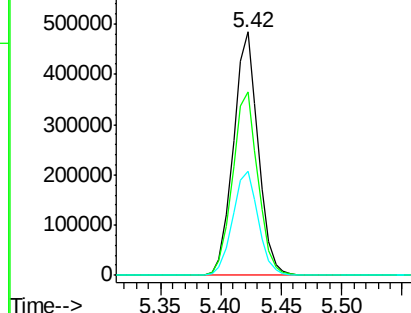
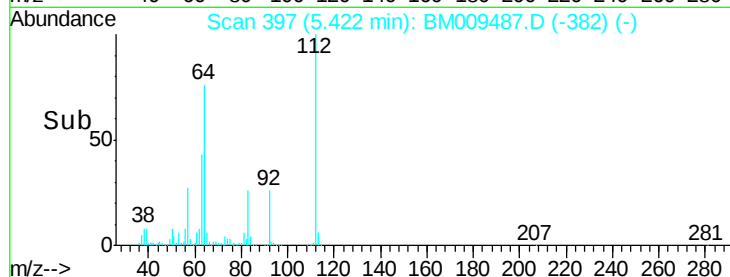
63 42.5 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 41.58 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BM009487.D

Acq: 31 Mar 2017 23:09

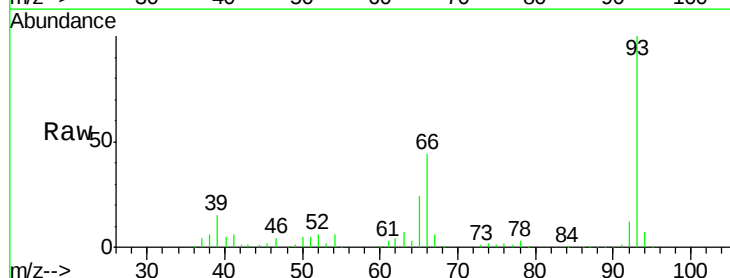
Tgt Ion: 93 Resp: 668647

Ion Ratio Lower Upper

93 100

66 43.9 30.8 46.2

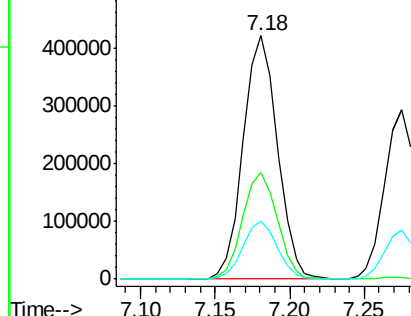
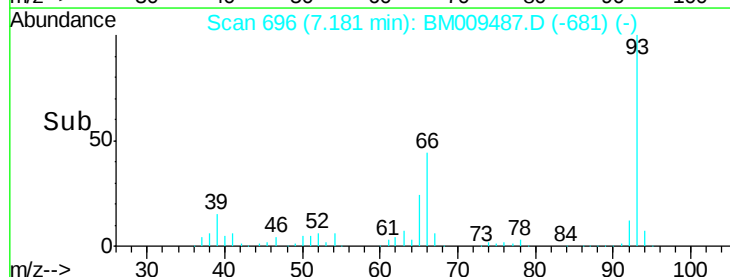
65 23.7 16.0 24.0

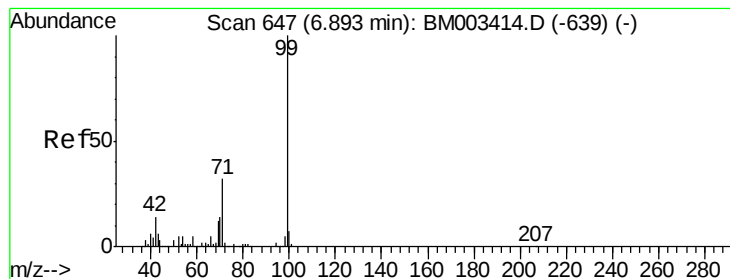


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 83.63 ng

RT: 7.00 min Scan# 666

Delta R.T. -0.02 min

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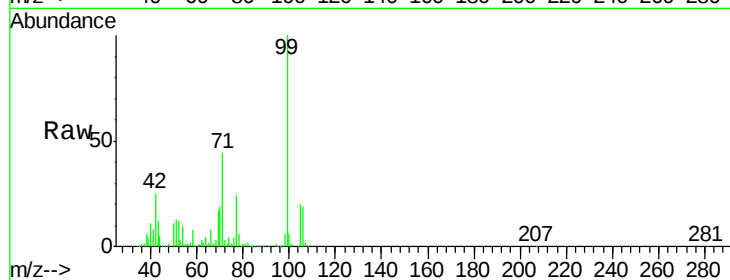
Tot Ion: 99 Resp: 989667

Ion Ratio Lower Upper

99 100

42 24.6 11.0 16.4#

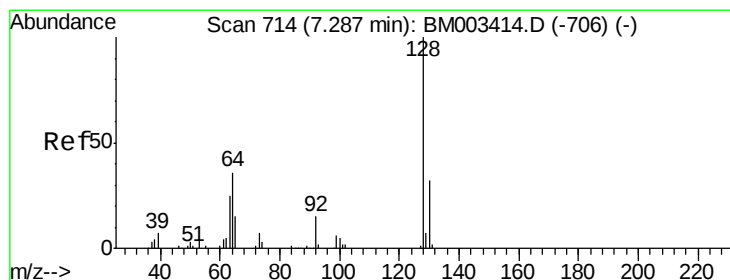
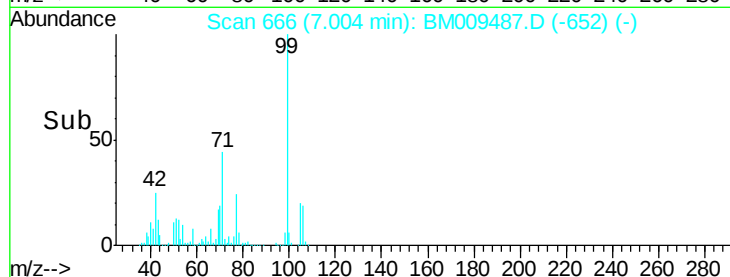
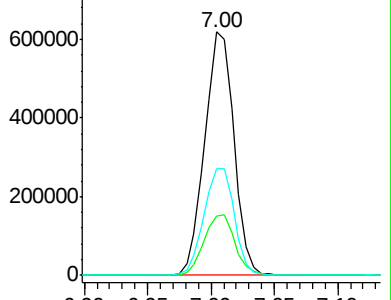
71 43.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM003414.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM003414.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM003414.D (-639) (-)



#8

2-Chlorophenol

Concen: 40.94 ng

RT: 7.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BM009487.D

Acq: 31 Mar 2017 23:09

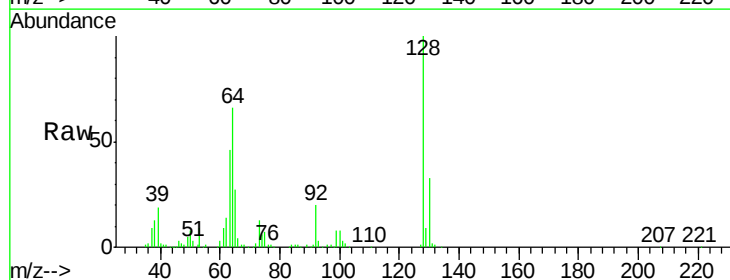
Tgt Ion: 128 Resp: 360219

Ion Ratio Lower Upper

128 100

130 32.5 12.0 52.0

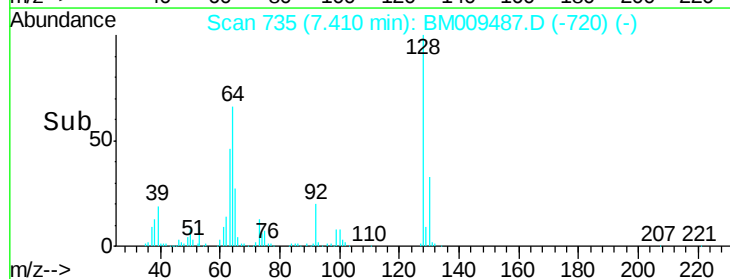
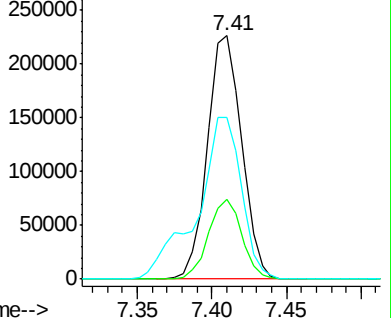
64 66.3 24.9 64.9#

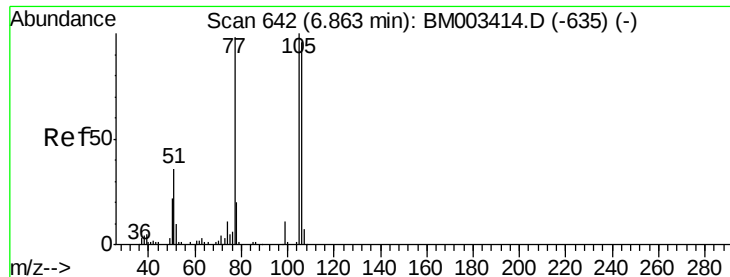


Abundance Ion 128.00 (127.70 to 128.70): BM003414.D (-706) (-)

Ion 130.00 (129.70 to 130.70): BM003414.D (-706) (-)

Ion 64.00 (63.70 to 64.70): BM003414.D (-706) (-)





#9

Benzaldehyde

Concen: 36.67 ng

RT: 7.00 min Scan# 665

Delta R.T. -0.01 min

Lab File: BM009487.D

Acq: 31 Mar 2017 23:09

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

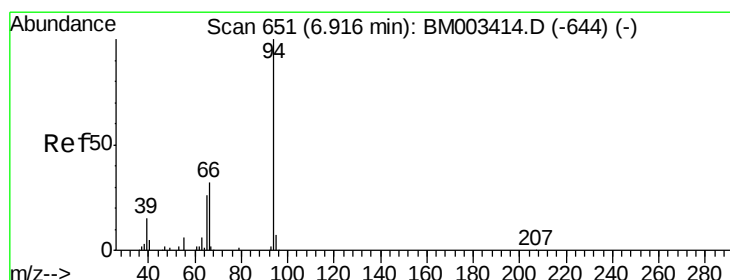
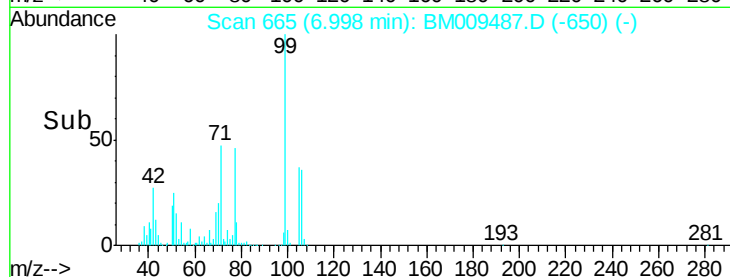
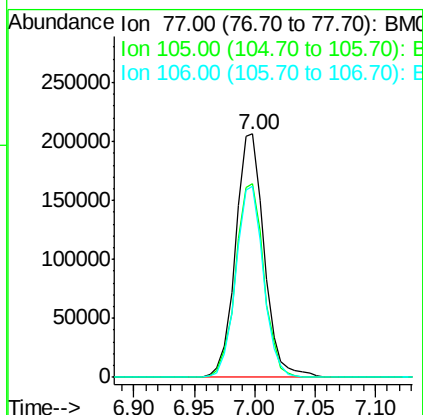
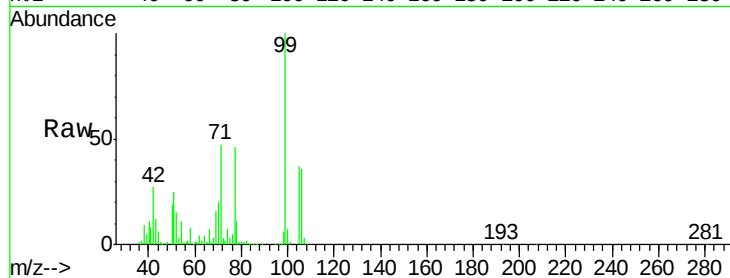
Tot Ion: 77 Resp: 341593

Ion Ratio Lower Upper

77 100

105 79.8 78.8 118.8

106 78.6 73.7 113.7



#10

Phenol

Concen: 41.54 ng

RT: 7.03 min Scan# 671

Delta R.T. -0.01 min

Lab File: BM009487.D

Acq: 31 Mar 2017 23:09

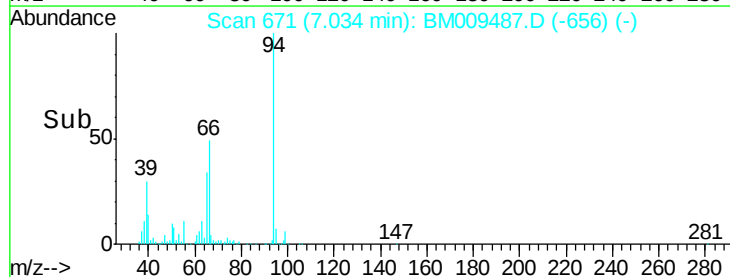
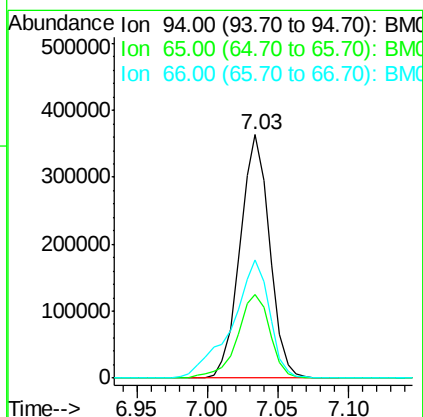
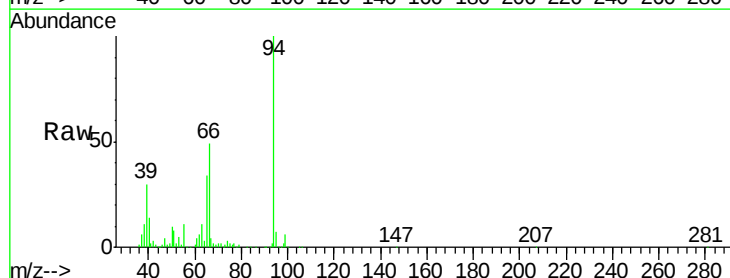
Tgt Ion: 94 Resp: 532618

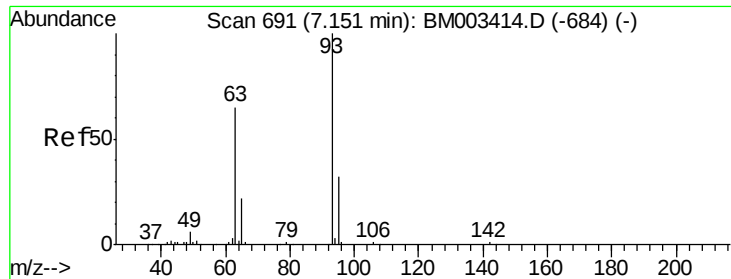
Ion Ratio Lower Upper

94 100

65 34.3 18.8 58.8

66 48.8 39.9 79.9

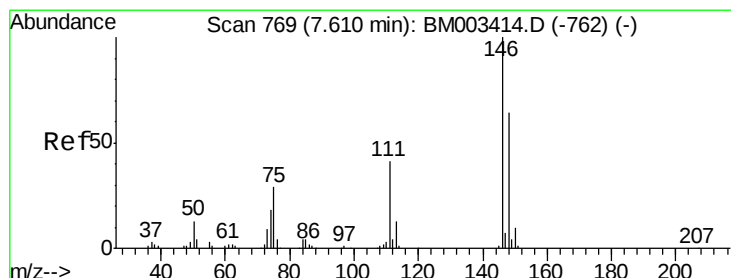
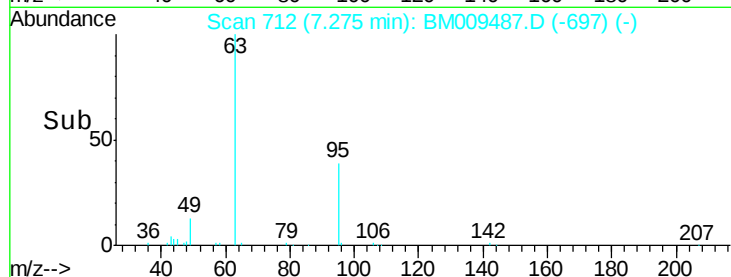
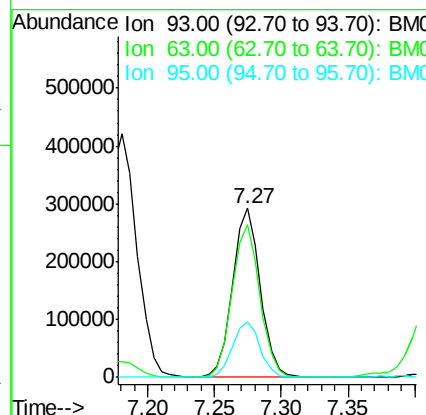
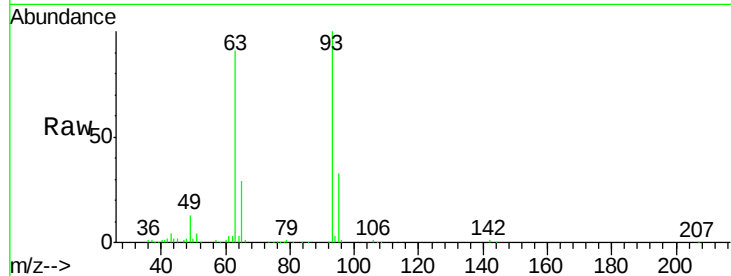




#11  
 bis(2-Chloroethyl)ether  
 Concen: 40.06 ng  
 RT: 7.27 min Scan# 712  
 Delta R.T. -0.01 min  
 Lab File: BM009487.D  
 Acq: 31 Mar 2017 23:09

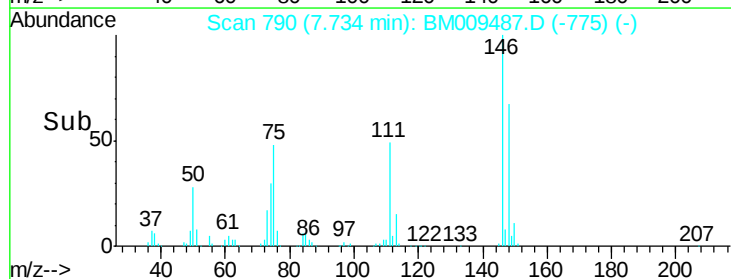
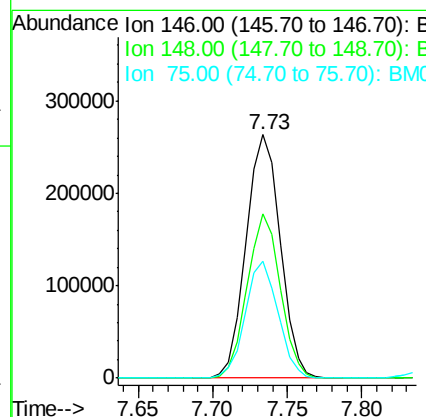
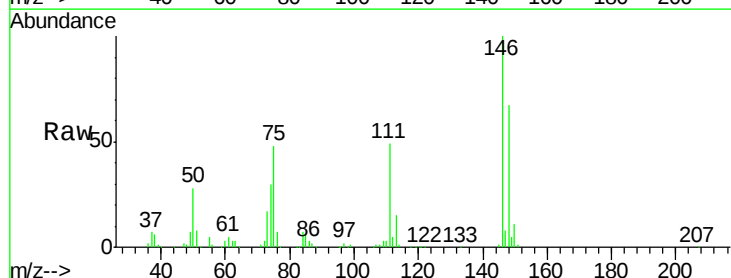
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

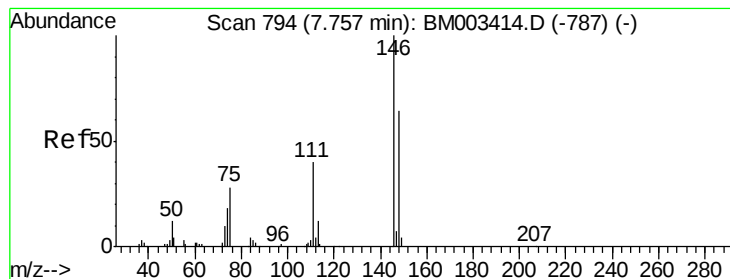
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 90.9  | 49.5  | 89.5# |
| 95      | 32.6  | 13.5  | 53.5  |



#12  
 1,3-Dichlorobenzene  
 Concen: 39.65 ng  
 RT: 7.73 min Scan# 790  
 Delta R.T. -0.01 min  
 Lab File: BM009487.D  
 Acq: 31 Mar 2017 23:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 67.4  | 50.9  | 76.3  |
| 75      | 47.9  | 21.4  | 32.2# |





#13

1,4-Dichlorobenzene

Concen: 39.49 ng

RT: 7.88 min Scan# 815

Delta R.T. -0.02 min

Lab File: BM009487.D

Acq: 31 Mar 2017 23:09

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

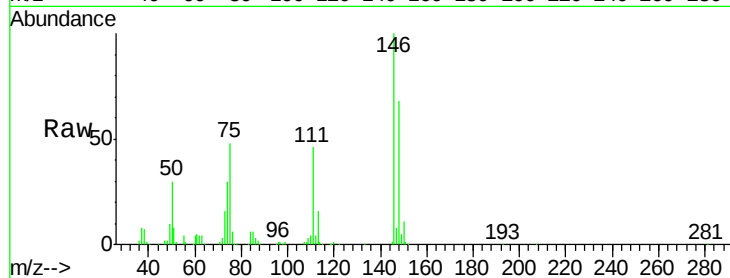
Tot Ion:146 Resp: 429842

Ion Ratio Lower Upper

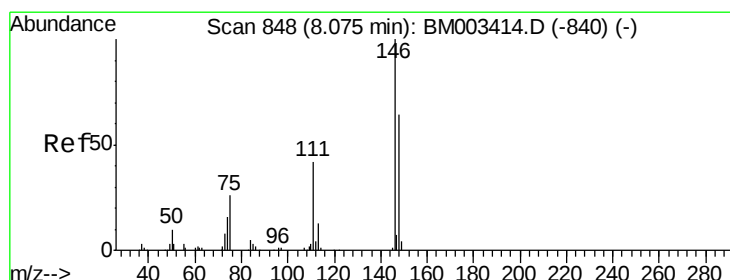
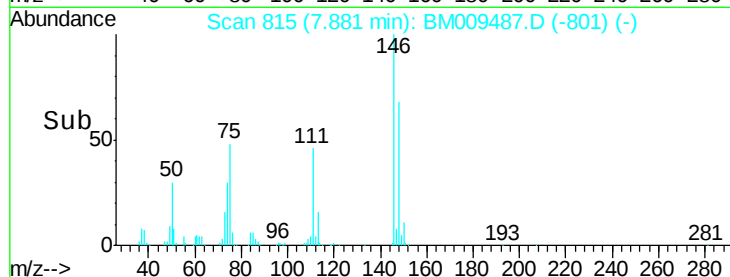
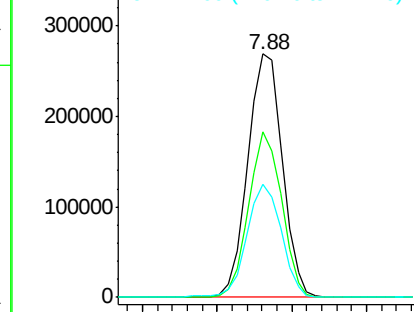
146 100

148 68.0 51.9 77.9

111 46.2 29.2 43.8#



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



#14

1,2-Dichlorobenzene

Concen: 39.45 ng

RT: 8.20 min Scan# 869

Delta R.T. -0.02 min

Lab File: BM009487.D

Acq: 31 Mar 2017 23:09

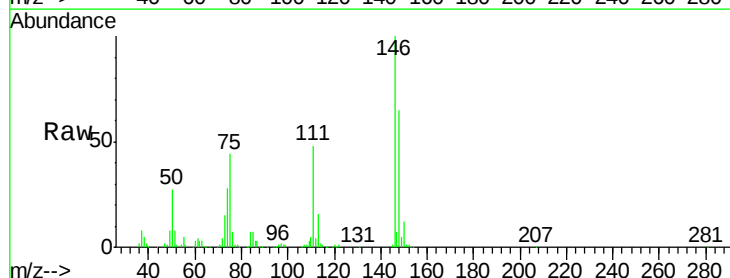
Tgt Ion:146 Resp: 417053

Ion Ratio Lower Upper

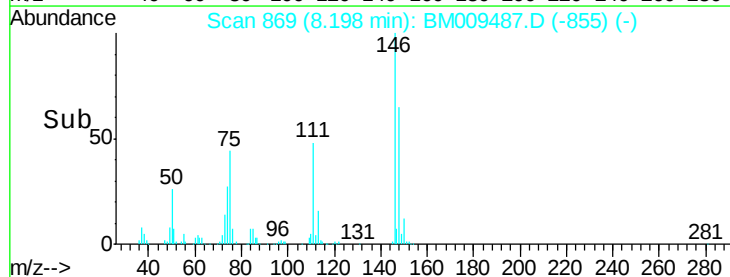
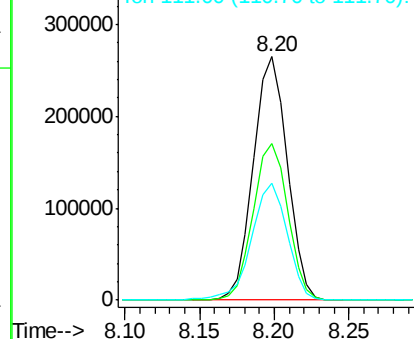
146 100

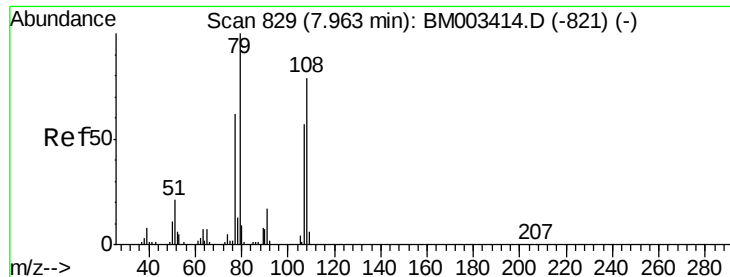
148 64.5 52.3 78.5

111 47.9 30.6 45.8#



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





#15

Benzyl Alcohol

Concen: 41.63 ng

RT: 8.09 min Scan# 850

Delta R.T. -0.02 min

Lab File: BM009487.D

Acq: 31 Mar 2017 23:09

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

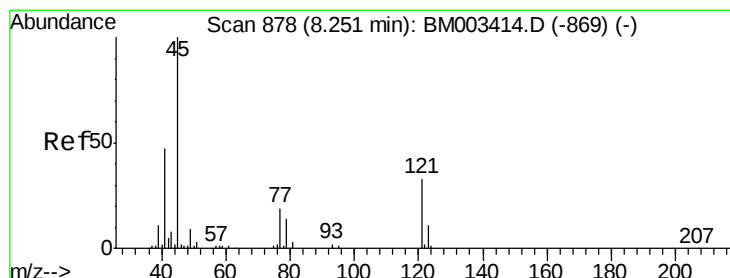
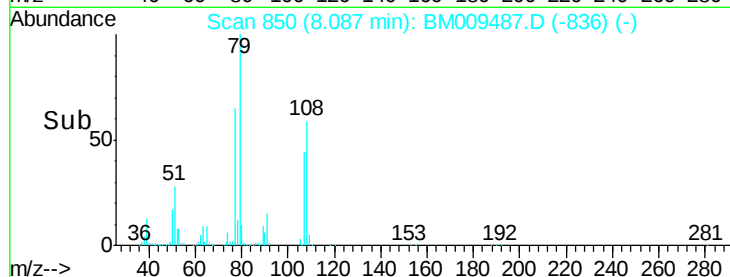
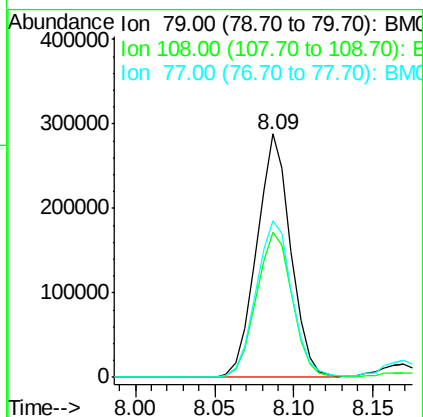
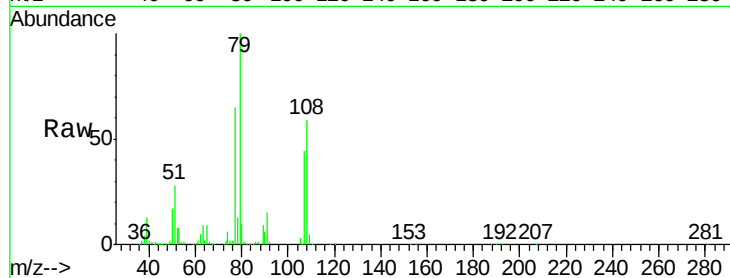
Tot Ion: 79 Resp: 430701

Ion Ratio Lower Upper

79 100

108 59.4 65.0 97.4#

77 64.6 53.0 79.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.96 ng

RT: 8.36 min Scan# 897

Delta R.T. -0.02 min

Lab File: BM009487.D

Acq: 31 Mar 2017 23:09

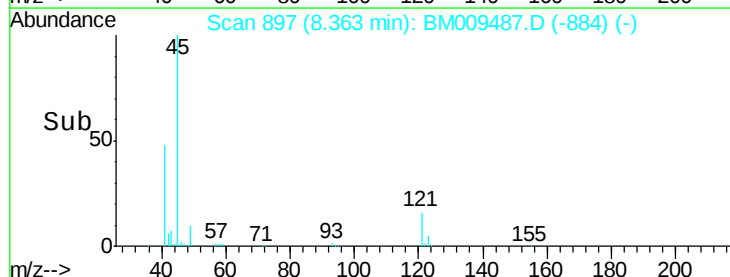
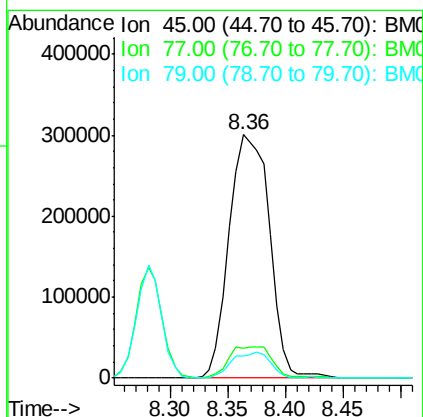
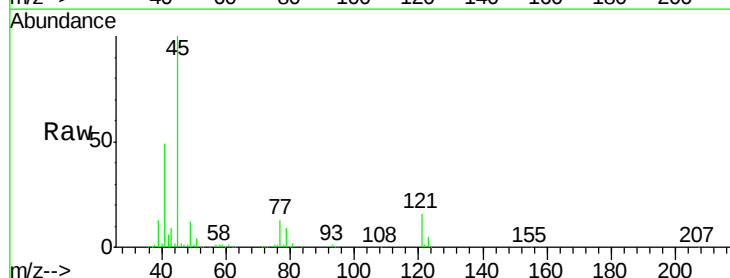
Tgt Ion: 45 Resp: 729955

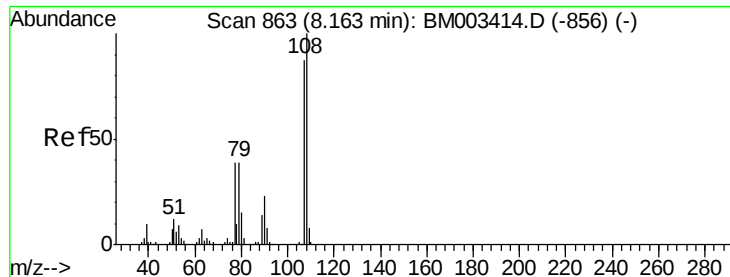
Ion Ratio Lower Upper

45 100

77 12.5 0.0 35.2

79 9.1 0.0 32.0





#17

2-Methylphenol

Concen: 42.70 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.02 min

Lab File: BM009487.D

Acq: 31 Mar 2017 23:09

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 358245

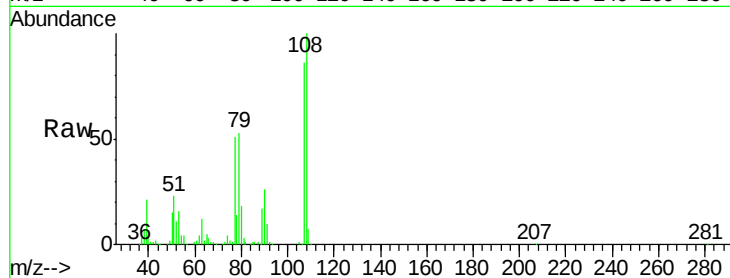
Ion Ratio Lower Upper

107 100

108 116.8 89.8 134.8

77 59.9 32.6 48.8#

79 61.6 32.8 49.2#



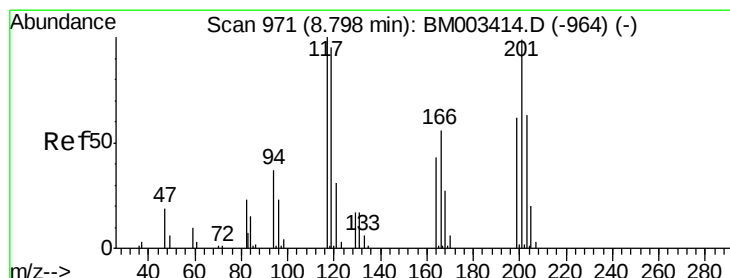
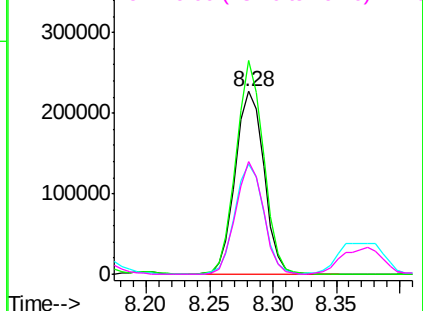
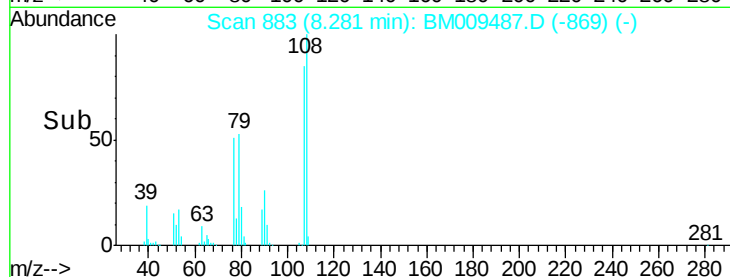
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 41.26 ng

RT: 8.92 min Scan# 991

Delta R.T. -0.02 min

Lab File: BM009487.D

Acq: 31 Mar 2017 23:09

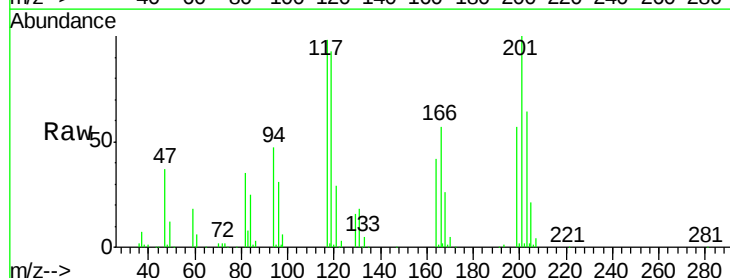
Tgt Ion:117 Resp: 183737

Ion Ratio Lower Upper

117 100

119 94.5 79.2 118.8

201 101.9 69.8 104.6

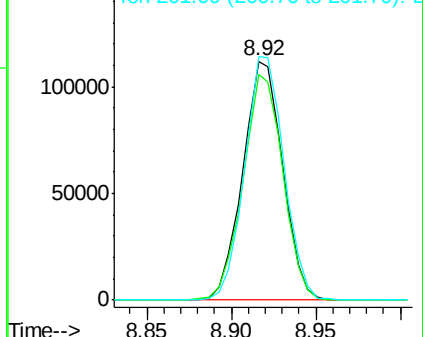
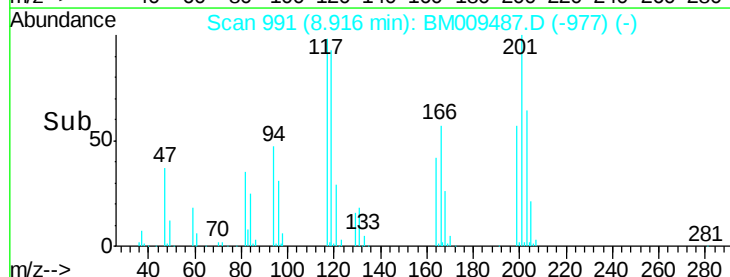


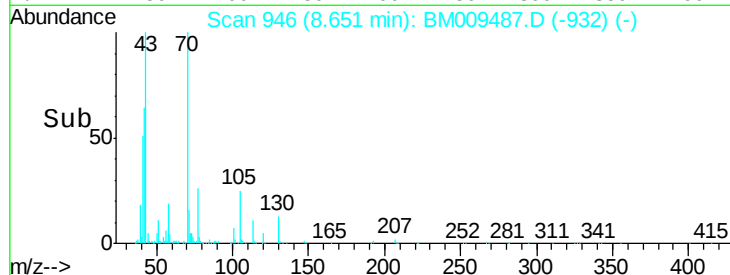
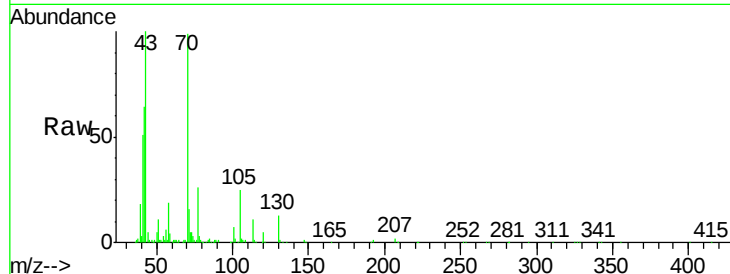
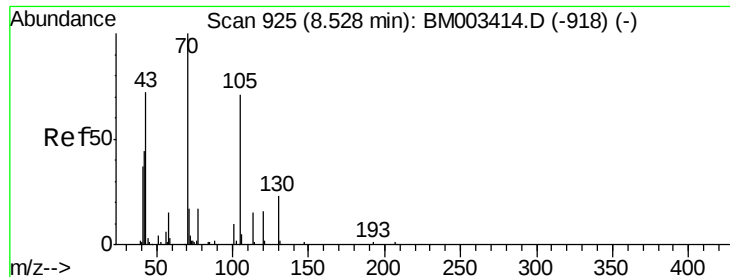
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

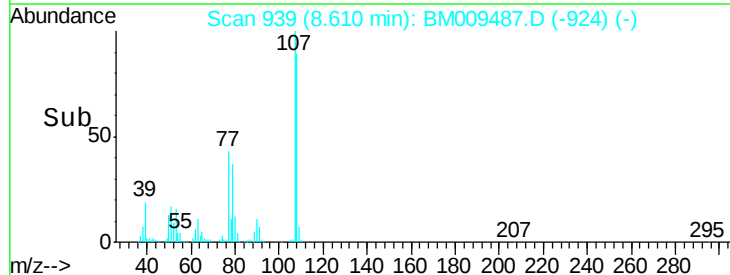
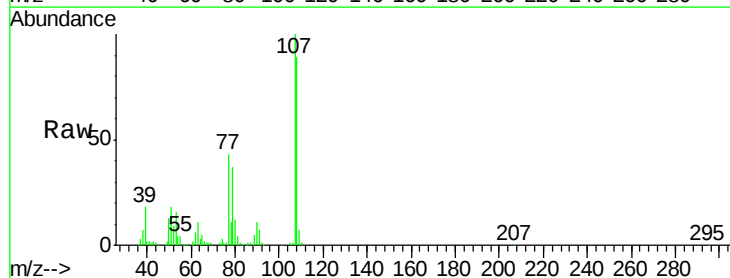
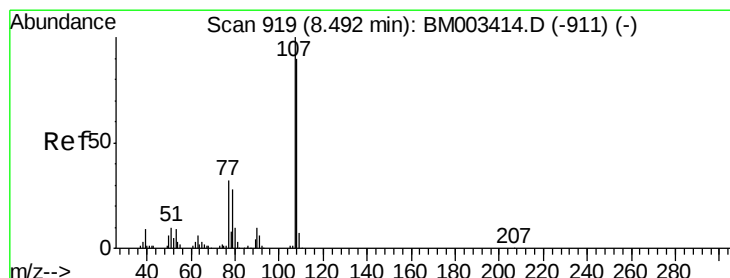
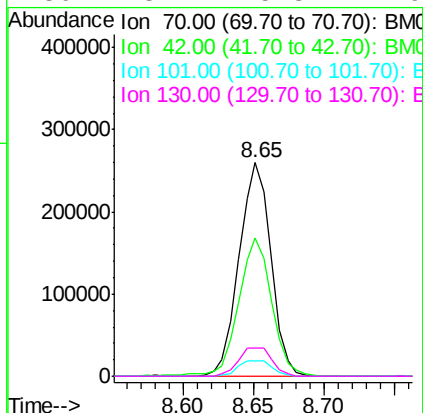




#19  
n-Nitroso-di-n-propylamine  
Concen: 43.02 ng  
RT: 8.65 min Scan# 946  
Delta R.T. -0.02 min  
Lab File: BM009487.D  
Acq: 31 Mar 2017 23:09

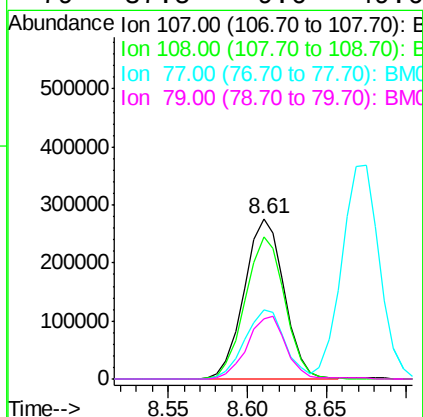
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

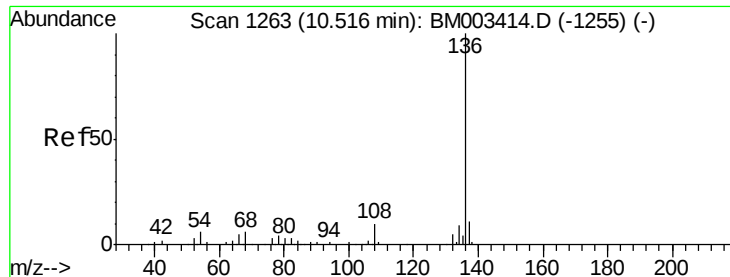
Tot Ion: 70 Resp: 410469  
Ion Ratio Lower Upper  
70 100  
42 64.6 44.5 66.7  
101 7.3 7.4 11.2#  
130 13.2 15.3 22.9#



#20  
3+4-Methylphenols  
Concen: 42.31 ng  
RT: 8.61 min Scan# 939  
Delta R.T. -0.01 min  
Lab File: BM009487.D  
Acq: 31 Mar 2017 23:09

Tgt Ion: 107 Resp: 482645  
Ion Ratio Lower Upper  
107 100  
108 88.9 73.2 113.2  
77 42.8 10.7 50.7  
79 37.5 9.6 49.6

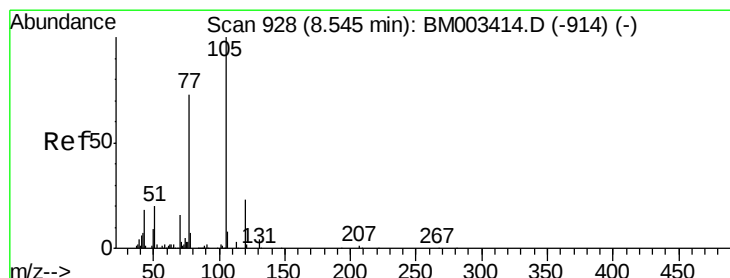
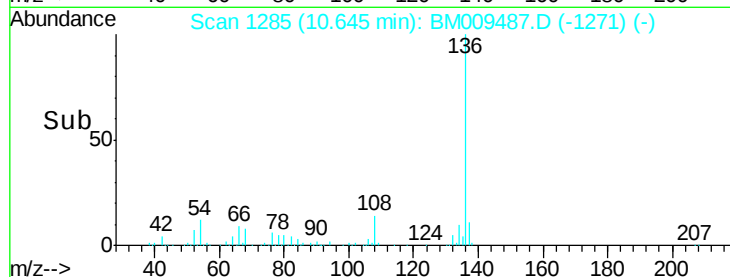
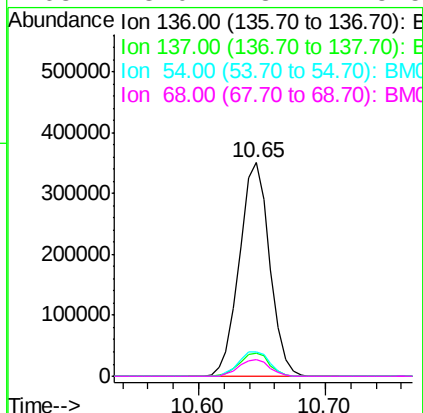
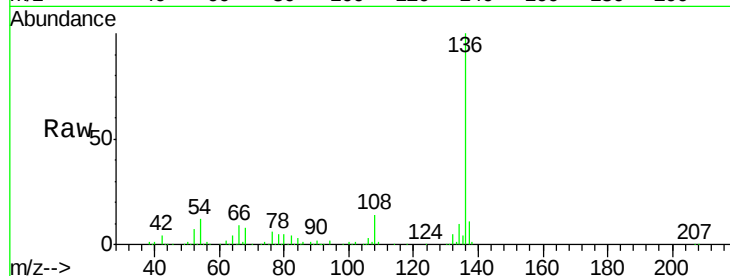




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.65 min Scan# 1285  
Delta R.T. -0.02 min  
Lab File: BM009487.D  
Acq: 31 Mar 2017 23:09

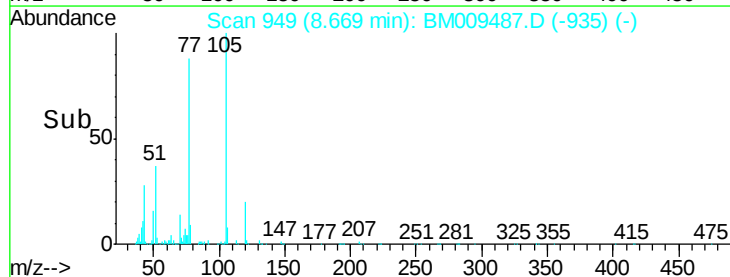
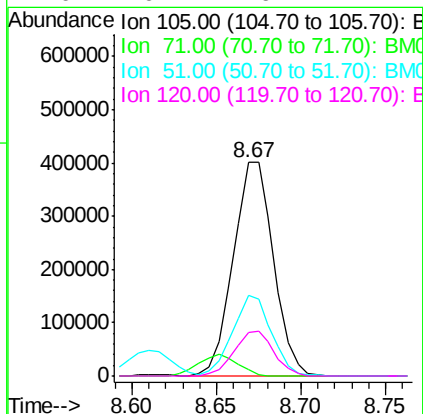
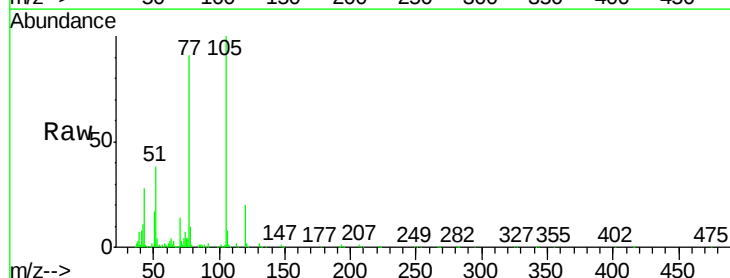
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

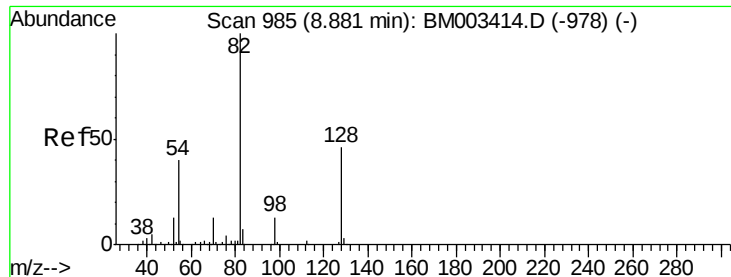
|             |       |             |
|-------------|-------|-------------|
| Tot Ion:136 | Resp: | 579687      |
| Ion         | Ratio | Lower Upper |
| 136         | 100   |             |
| 137         | 10.9  | 8.7 13.1    |
| 54          | 11.6  | 4.6 6.8#    |
| 68          | 8.0   | 3.7 5.5#    |



#22  
Acetophenone  
Concen: 40.58 ng  
RT: 8.67 min Scan# 949  
Delta R.T. -0.02 min  
Lab File: BM009487.D  
Acq: 31 Mar 2017 23:09

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:105 | Resp: | 663424      |
| Ion         | Ratio | Lower Upper |
| 105         | 100   |             |
| 71          | 2.9   | 0.6 1.0#    |
| 51          | 37.8  | 21.6 32.4#  |
| 120         | 20.1  | 16.1 24.1   |

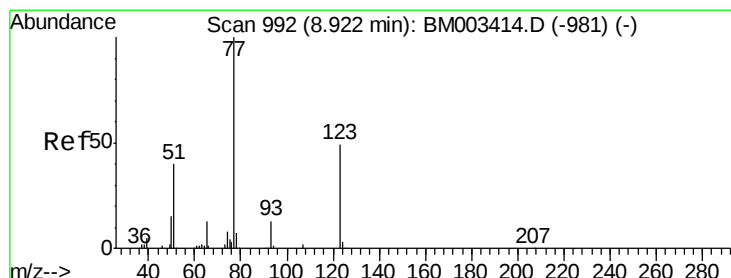
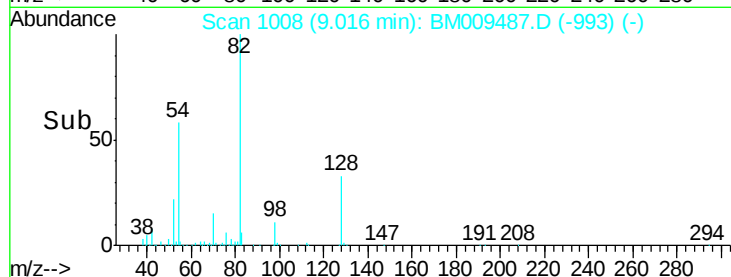
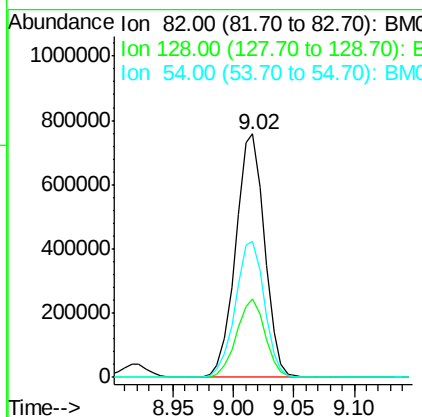
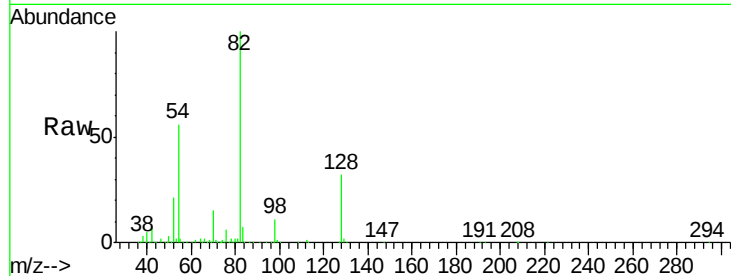




#23  
 Nitrobenzene-d5  
 Concen: 81.92 ng  
 RT: 9.02 min Scan# 1008  
 Delta R.T. -0.01 min  
 Lab File: BM009487.D  
 Acq: 31 Mar 2017 23:09

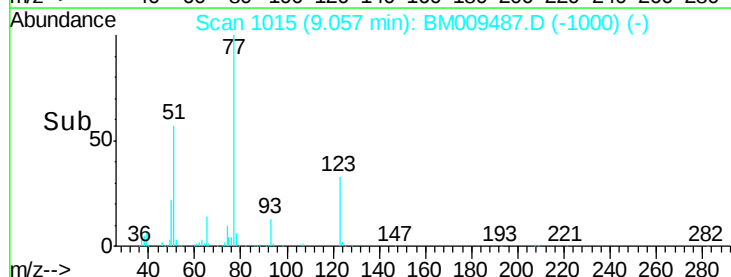
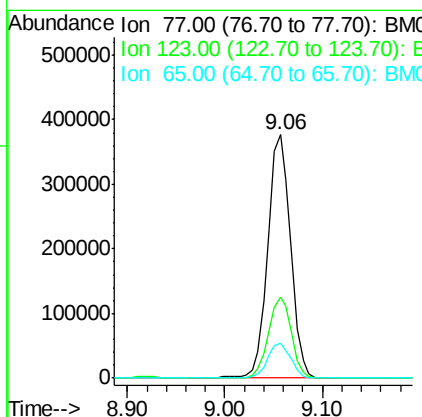
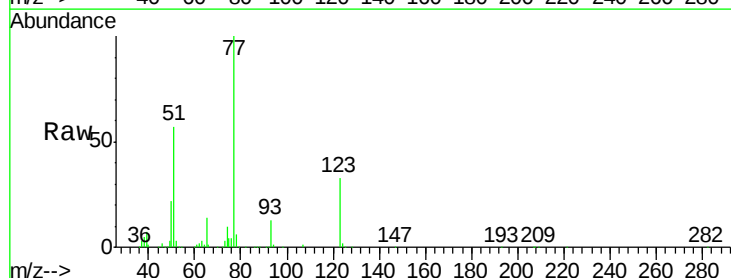
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

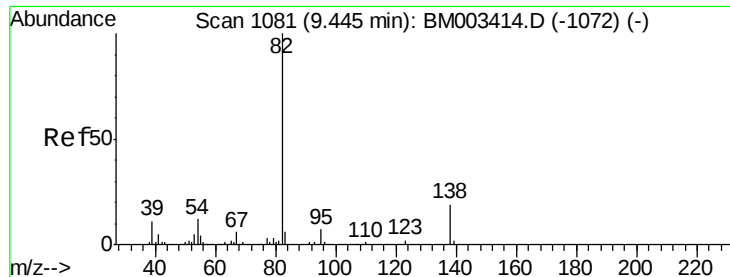
Tot Ion: 82 Resp: 1266632  
 Ion Ratio Lower Upper  
 82 100  
 128 32.2 32.8 49.2#  
 54 56.1 40.6 60.8



#24  
 Nitrobenzene  
 Concen: 40.77 ng  
 RT: 9.06 min Scan# 1015  
 Delta R.T. -0.01 min  
 Lab File: BM009487.D  
 Acq: 31 Mar 2017 23:09

Tgt Ion: 77 Resp: 617532  
 Ion Ratio Lower Upper  
 77 100  
 123 33.4 32.6 49.0  
 65 14.3 10.9 16.3





#25

Isophorone

Concen: 42.48 ng

RT: 9.57 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BM009487.D

Acq: 31 Mar 2017 23:09

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

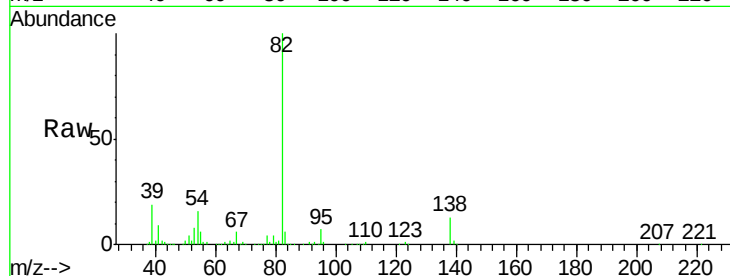
Tot Ion: 82 Resp: 1001824

Ion Ratio Lower Upper

82 100

95 7.5 5.8 8.6

138 12.8 16.3 24.5#

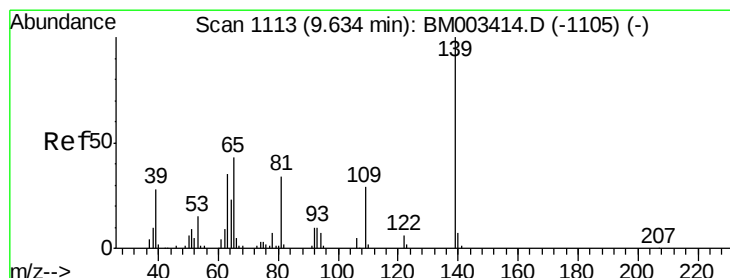
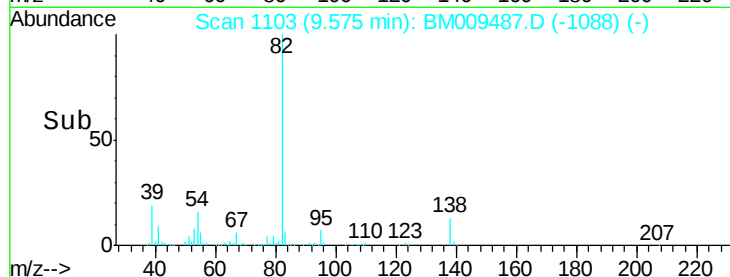


Abundance Ion 82.00 (81.70 to 82.70): BM009487.D (-1088) (-)

Ion 95.00 (94.70 to 95.70): BM009487.D (-1088) (-)

Ion 138.00 (137.70 to 138.70): BM009487.D (-1088) (-)

Time-->



#26

2-Nitrophenol

Concen: 42.69 ng

RT: 9.76 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BM009487.D

Acq: 31 Mar 2017 23:09

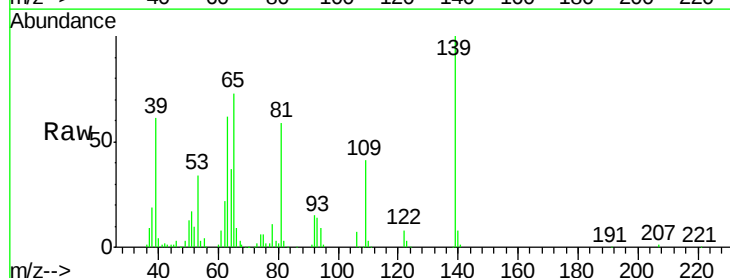
Tgt Ion: 139 Resp: 195042

Ion Ratio Lower Upper

139 100

109 41.2 20.1 30.1#

65 73.4 31.5 47.3#

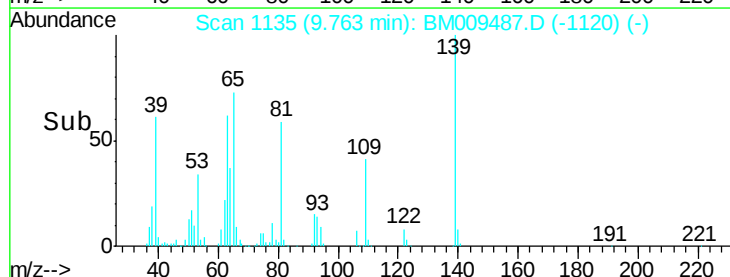


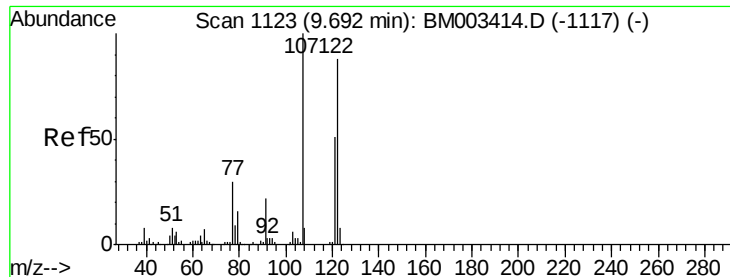
Abundance Ion 139.00 (138.70 to 139.70): BM009487.D (-1120) (-)

Ion 109.00 (108.70 to 109.70): BM009487.D (-1120) (-)

Ion 65.00 (64.70 to 65.70): BM009487.D (-1120) (-)

Time-->

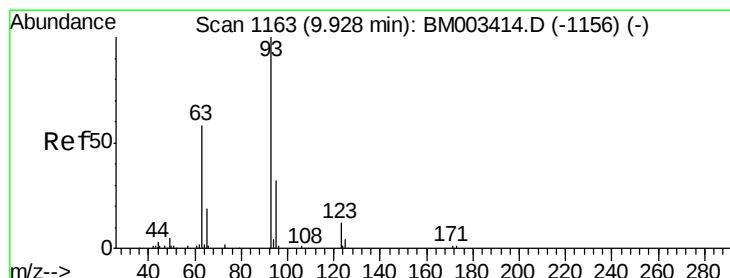
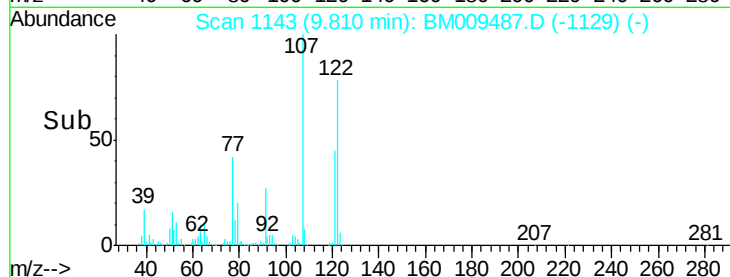
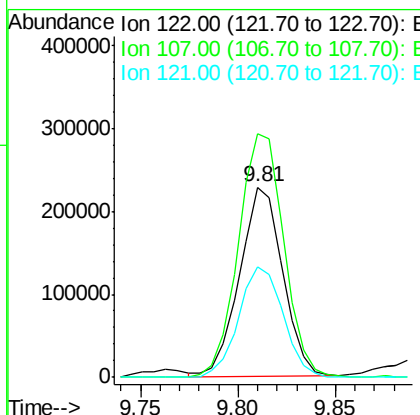
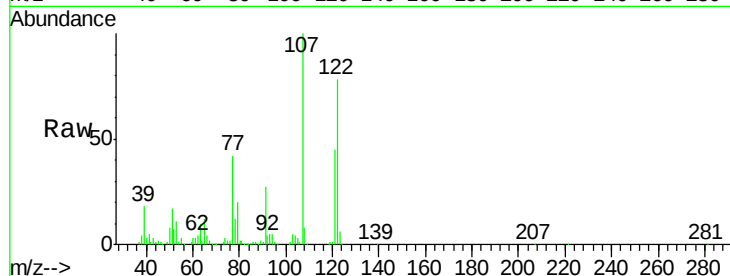




#27  
2,4-Dimethylphenol  
Concen: 41.77 ng  
RT: 9.81 min Scan# 1143  
Delta R.T. -0.02 min  
Lab File: BM009487.D  
Acq: 31 Mar 2017 23:09

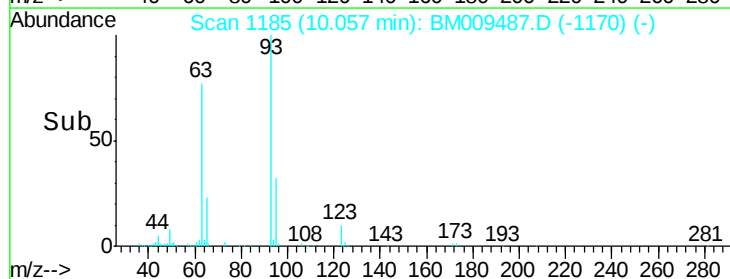
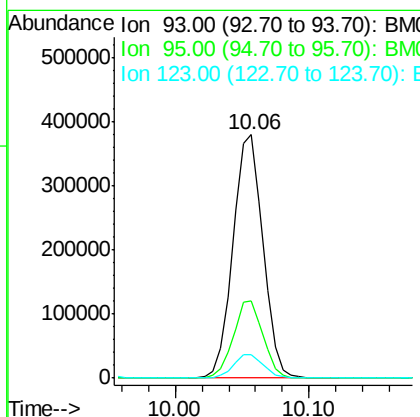
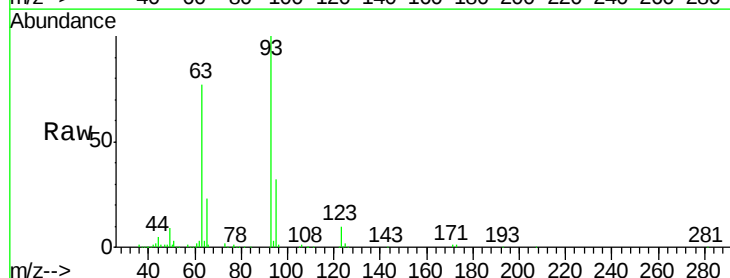
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

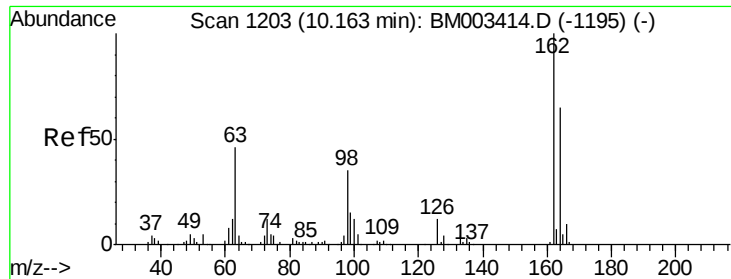
| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 107     | 128.1 | 84.7  | 127.1# |
| 121     | 57.9  | 46.6  | 69.8   |



#28  
bis(2-Chloroethoxy)methane  
Concen: 40.57 ng  
RT: 10.06 min Scan# 1185  
Delta R.T. -0.01 min  
Lab File: BM009487.D  
Acq: 31 Mar 2017 23:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 31.9  | 25.5  | 38.3  |
| 123     | 9.7   | 8.6   | 13.0  |

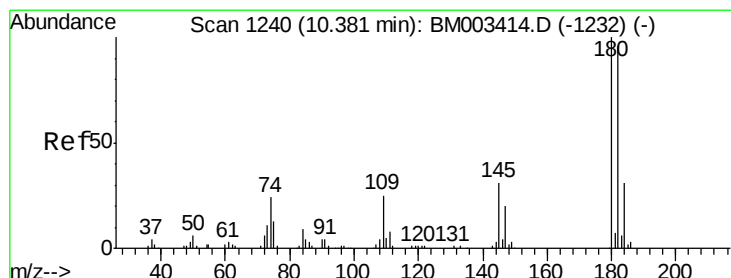
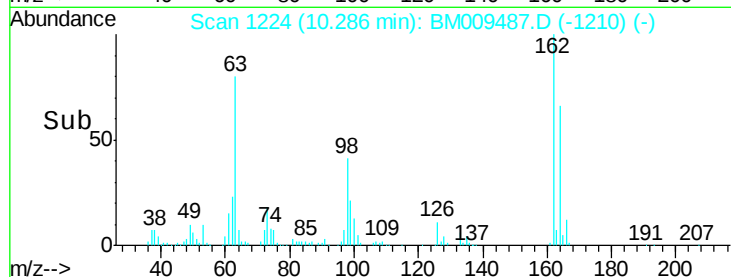
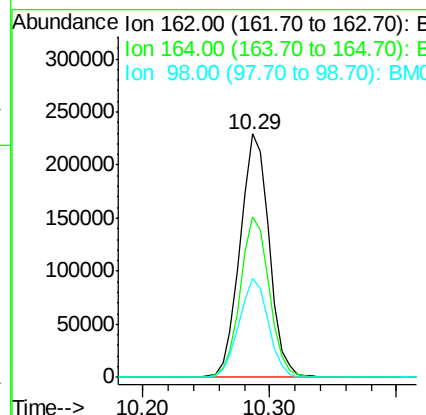
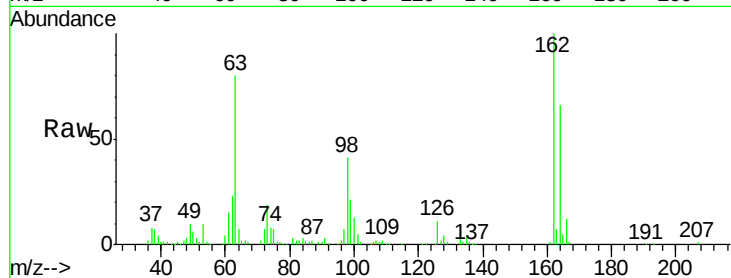




#29  
2,4-Dichlorophenol  
Concen: 41.72 ng  
RT: 10.29 min Scan# 1224  
Delta R.T. -0.02 min  
Lab File: BM009487.D  
Acq: 31 Mar 2017 23:09

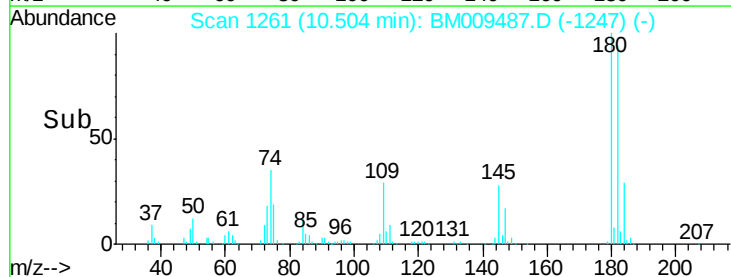
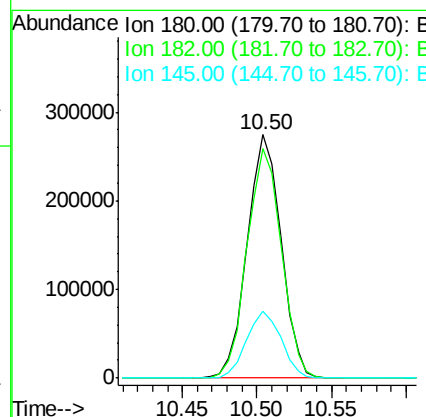
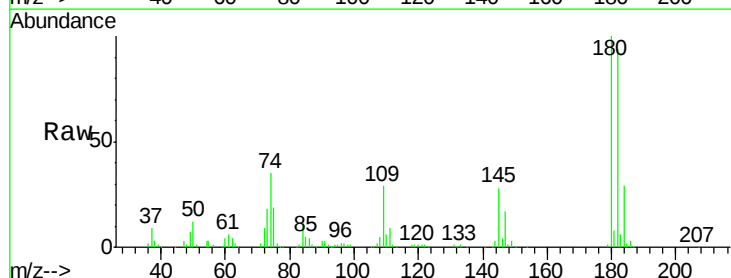
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

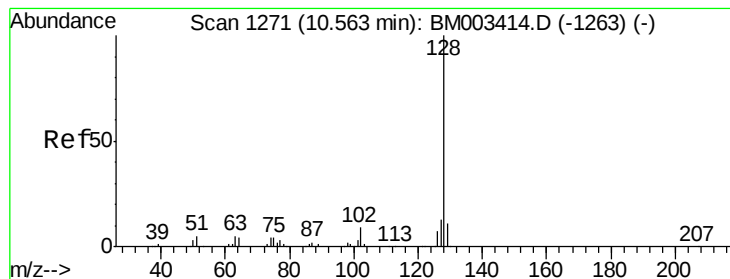
Tot Ion:162 Resp: 364482  
Ion Ratio Lower Upper  
162 100  
164 66.1 42.8 82.8  
98 40.7 14.5 54.5



#30  
1,2,4-Trichlorobenzene  
Concen: 39.75 ng  
RT: 10.50 min Scan# 1261  
Delta R.T. -0.02 min  
Lab File: BM009487.D  
Acq: 31 Mar 2017 23:09

Tgt Ion:180 Resp: 430859  
Ion Ratio Lower Upper  
180 100  
182 94.5 77.6 116.4  
145 27.6 23.4 35.2





#31

Naphthalene

Concen: 40.70 ng

RT: 10.69 min Scan# 1293

Delta R.T. -0.02 min

Lab File: BM009487.D

Acq: 31 Mar 2017 23:09

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

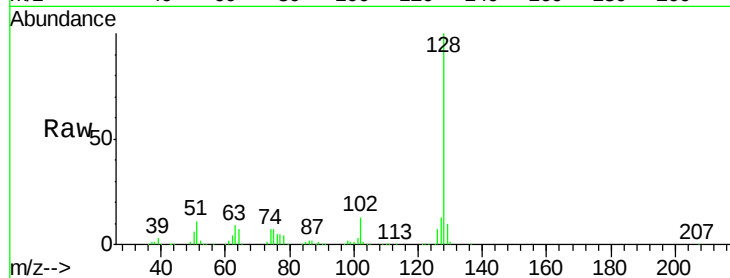
Tot Ion:128 Resp: 1252178

Ion Ratio Lower Upper

128 100

129 10.3 8.9 13.3

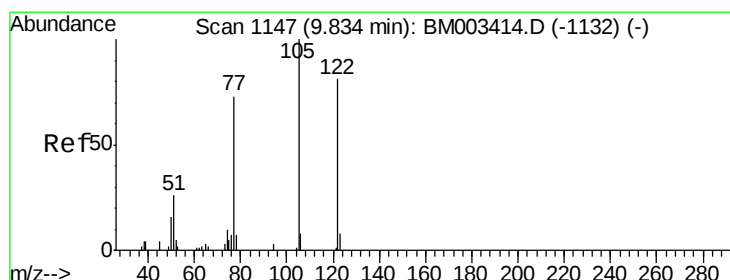
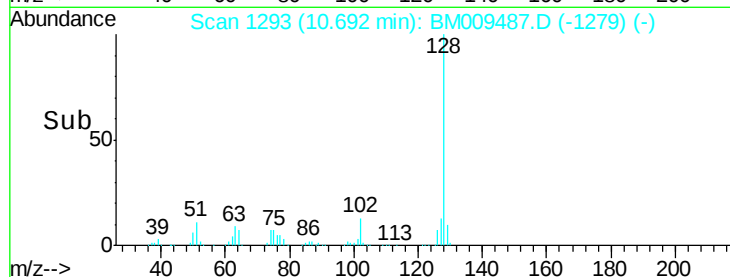
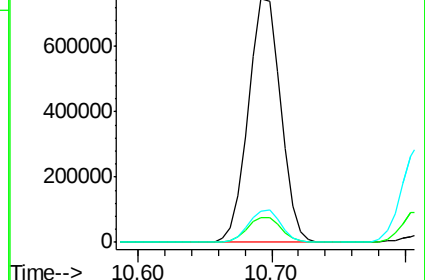
127 12.9 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.49 ng

RT: 9.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BM009487.D

Acq: 31 Mar 2017 23:09

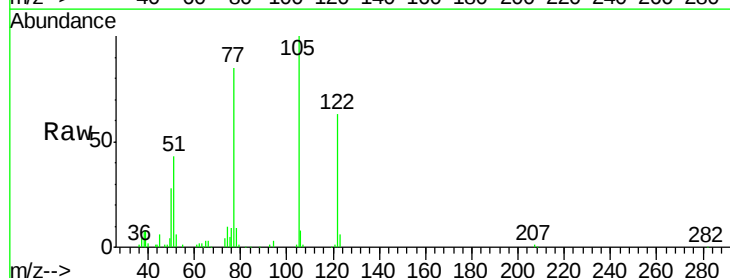
Tgt Ion:122 Resp: 218687

Ion Ratio Lower Upper

122 100

105 157.6 99.9 139.9#

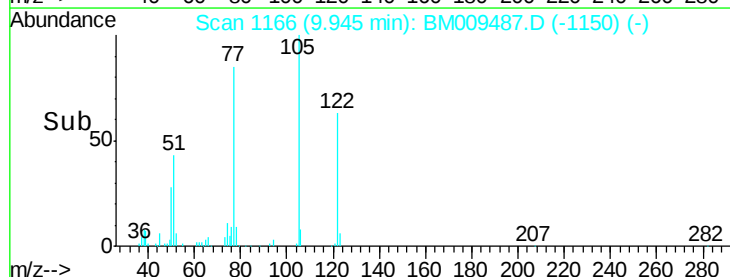
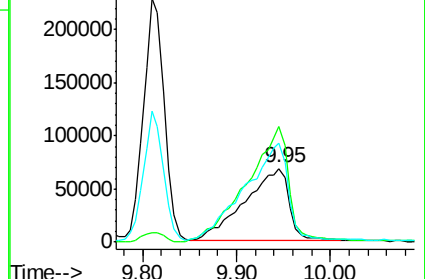
77 134.3 73.7 113.7#

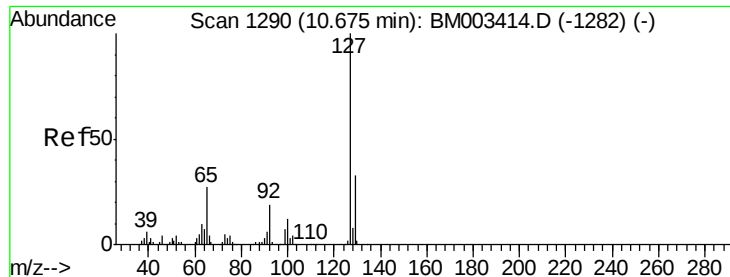


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

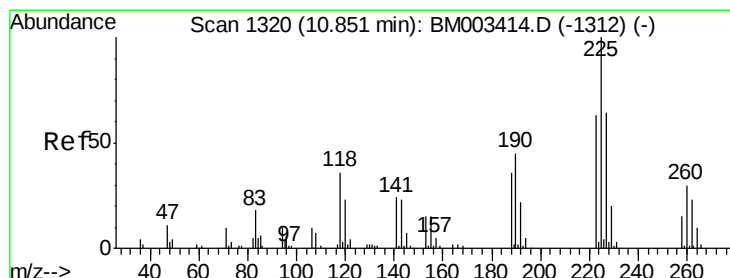
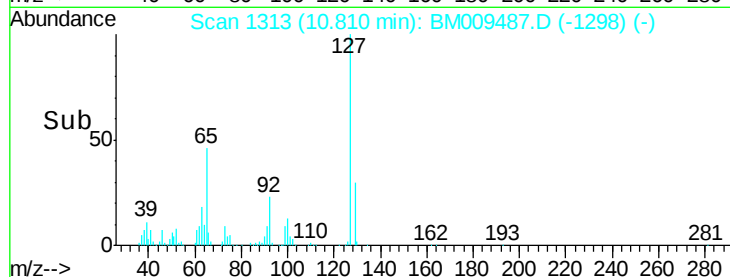
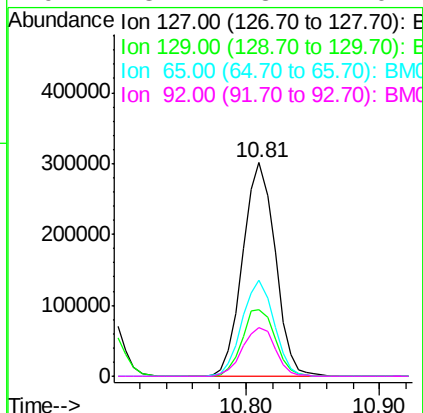
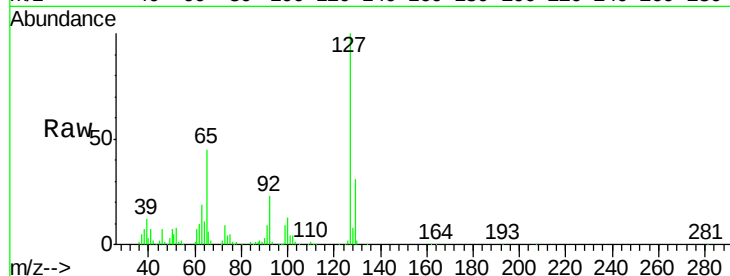




#33  
4-Chloroaniline  
Concen: 42.76 ng  
RT: 10.81 min Scan# 1313  
Delta R.T. -0.01 min  
Lab File: BM009487.D  
Acq: 31 Mar 2017 23:09

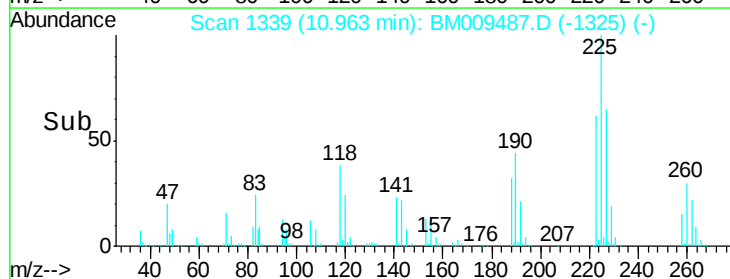
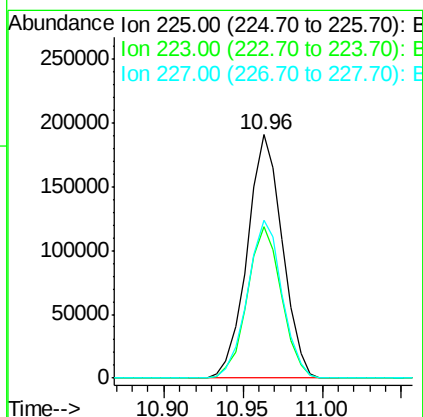
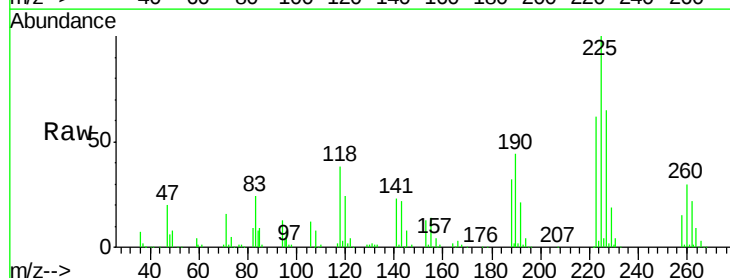
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

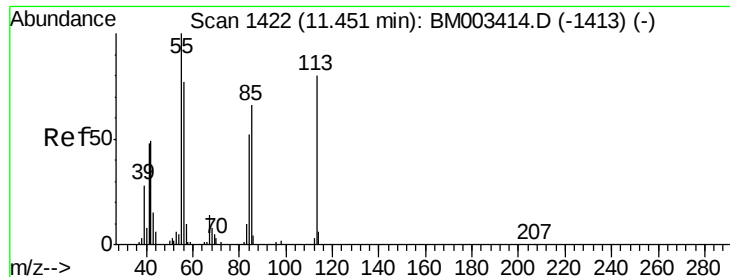
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 507567 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.3  | 25.3  | 37.9   |
| 65       | 45.1  | 17.6  | 26.4   |
| 92       | 23.1  | 13.1  | 19.7   |



#34  
Hexachlorobutadiene  
Concen: 39.60 ng  
RT: 10.96 min Scan# 1339  
Delta R.T. -0.02 min  
Lab File: BM009487.D  
Acq: 31 Mar 2017 23:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 293970 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.1  | 47.9  | 71.9   |
| 227      | 64.8  | 50.1  | 75.1   |





#35

Caprolactam

Concen: 45.93 ng

RT: 11.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BM009487.D

Acq: 31 Mar 2017 23:09

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

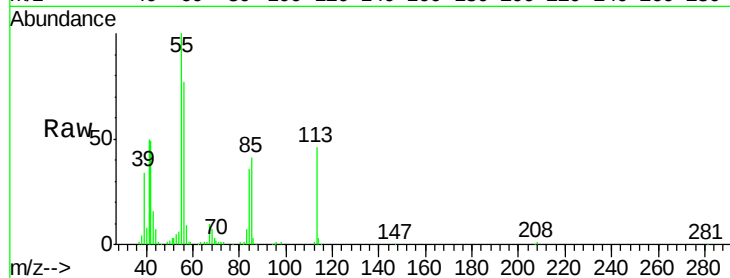
Tot Ion:113 Resp: 122500

Ion Ratio Lower Upper

113 100

55 216.9 145.9 185.9#

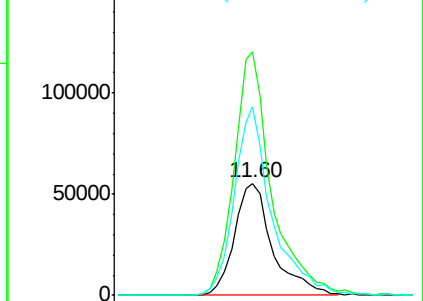
56 168.0 101.0 141.0#



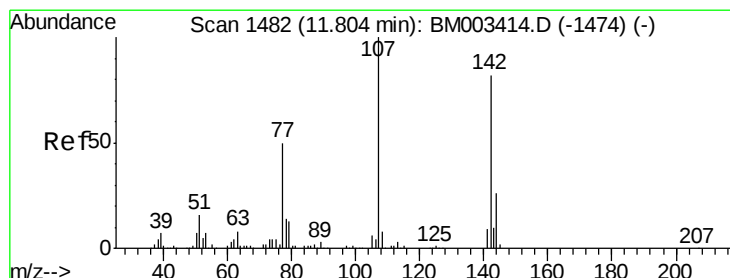
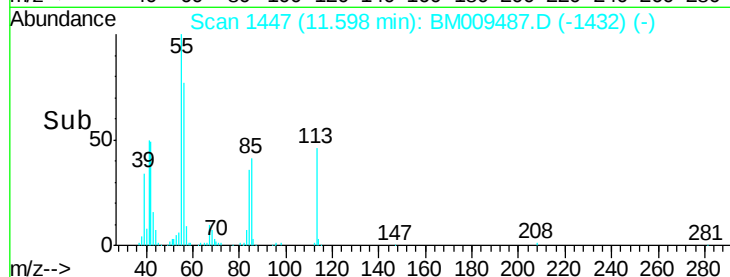
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



Time-->



#36

4-Chloro-3-methylphenol

Concen: 43.14 ng

RT: 11.92 min Scan# 1502

Delta R.T. -0.02 min

Lab File: BM009487.D

Acq: 31 Mar 2017 23:09

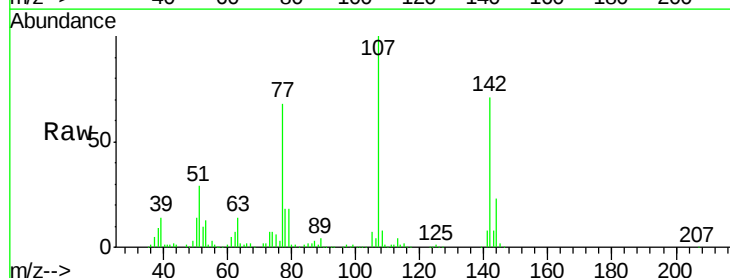
Tgt Ion:107 Resp: 426384

Ion Ratio Lower Upper

107 100

144 23.2 23.3 34.9#

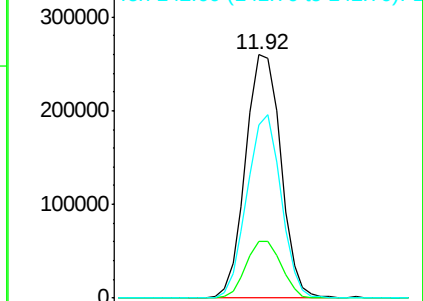
142 71.1 72.6 109.0#



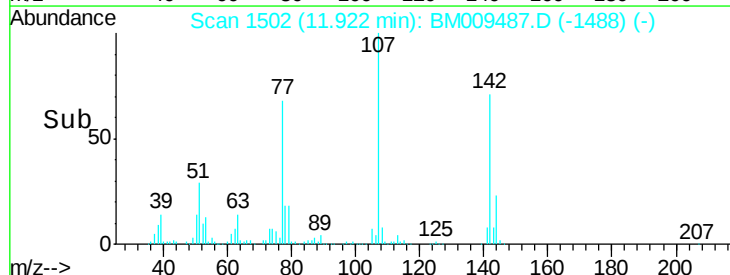
Abundance Ion 107.00 (106.70 to 107.70): E

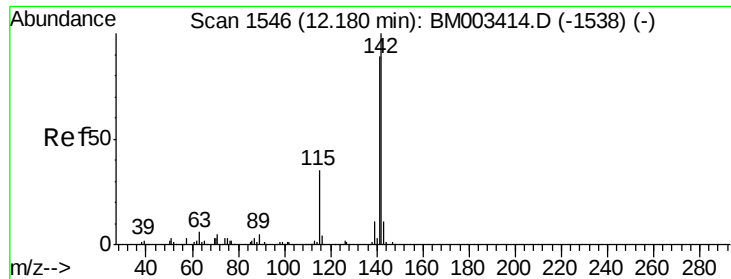
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



Time-->

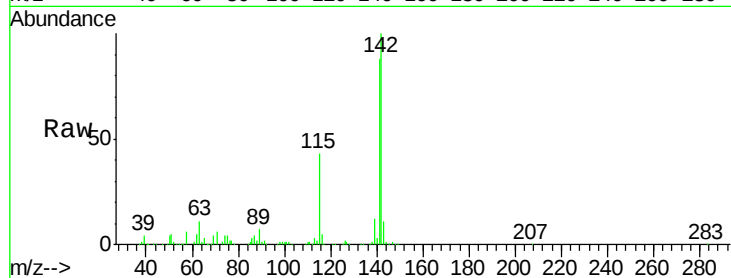




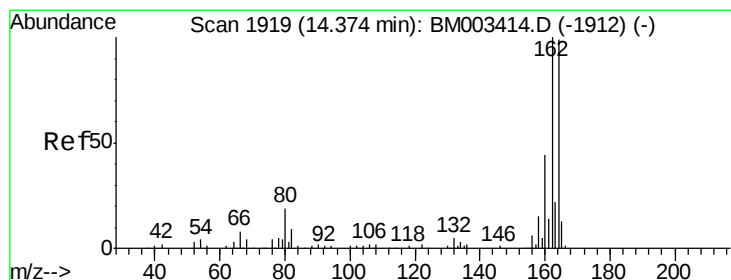
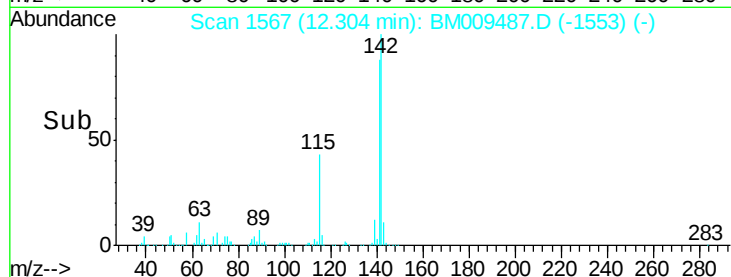
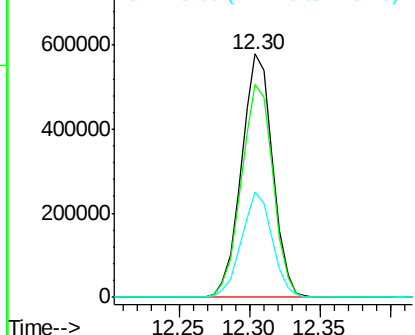
#37  
2-Methylnaphthalene  
Concen: 42.11 ng  
RT: 12.30 min Scan# 1567  
Delta R.T. -0.02 min  
Lab File: BM009487.D  
Acq: 31 Mar 2017 23:09

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 87.7  | 71.9  | 107.9 |
| 115     | 43.3  | 25.4  | 38.0  |

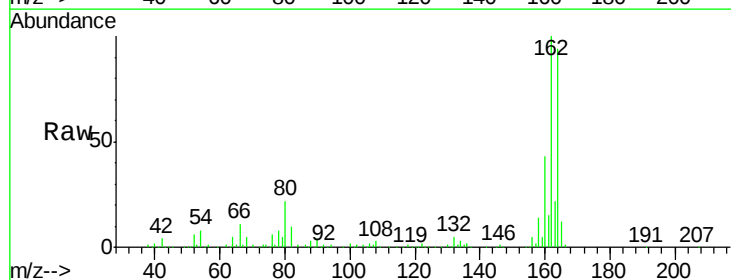


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

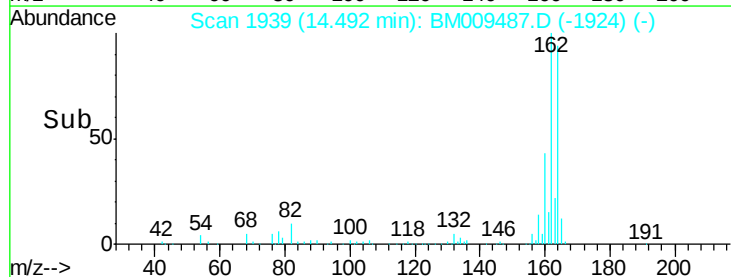
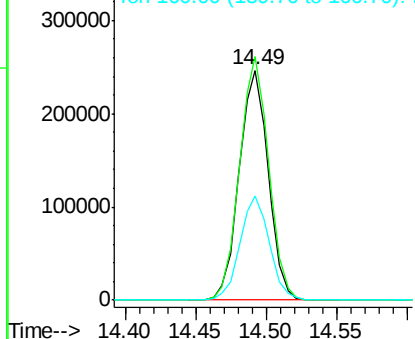


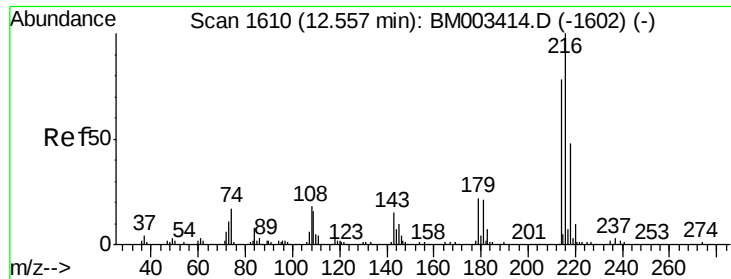
#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.49 min Scan# 1939  
Delta R.T. -0.01 min  
Lab File: BM009487.D  
Acq: 31 Mar 2017 23:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 105.9 | 82.4  | 123.6 |
| 160     | 45.5  | 35.8  | 53.6  |



Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.50 ng

RT: 12.67 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BM009487.D

Acq: 31 Mar 2017 23:09

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 527937

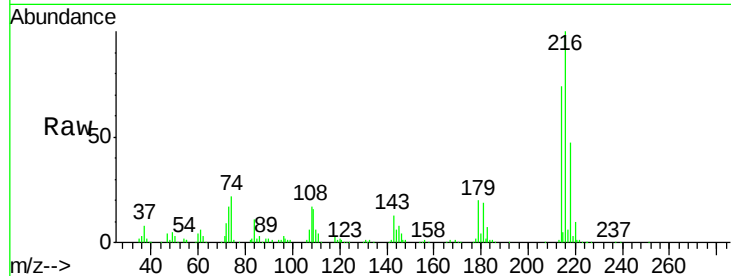
Ion Ratio Lower Upper

216 100

214 77.2 0.0 0.0#

179 20.5 0.0 0.0#

108 21.2 0.0 0.0#

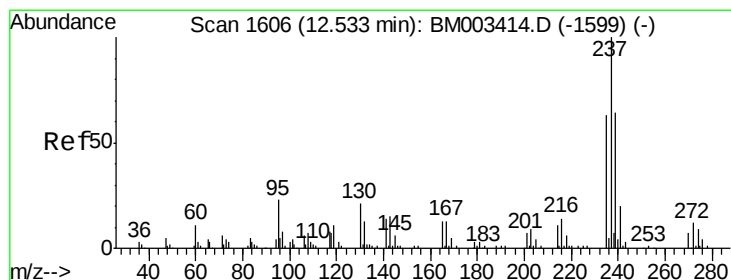
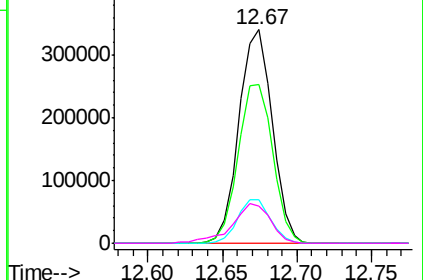
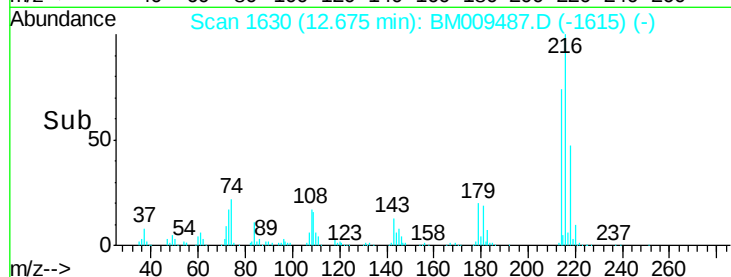


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 36.70 ng

RT: 12.65 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BM009487.D

Acq: 31 Mar 2017 23:09

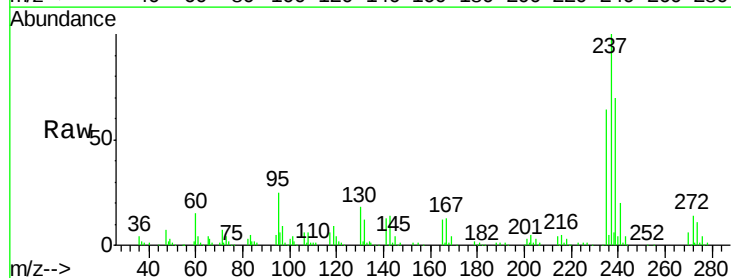
Tgt Ion:237 Resp: 281552

Ion Ratio Lower Upper

237 100

235 64.3 42.0 82.0

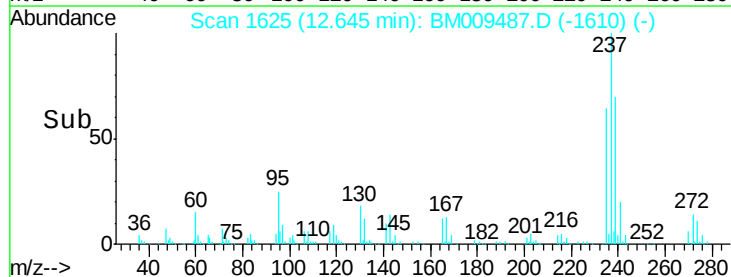
272 13.9 0.0 33.4



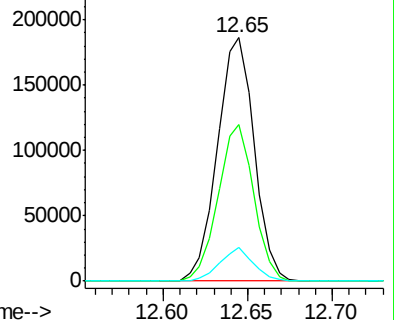
Abundance Ion 236.80 (236.50 to 237.50): E

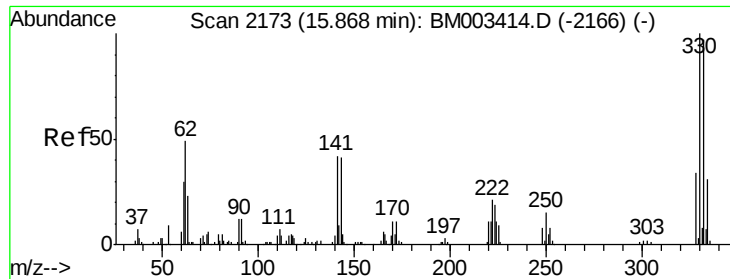
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

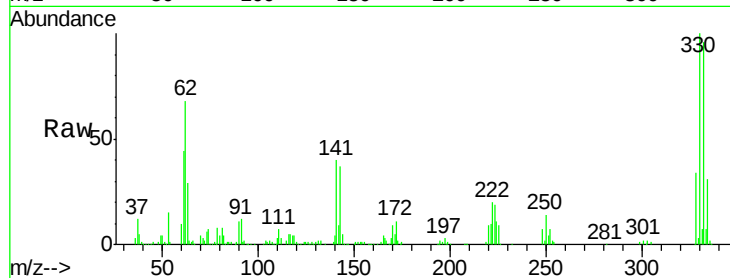




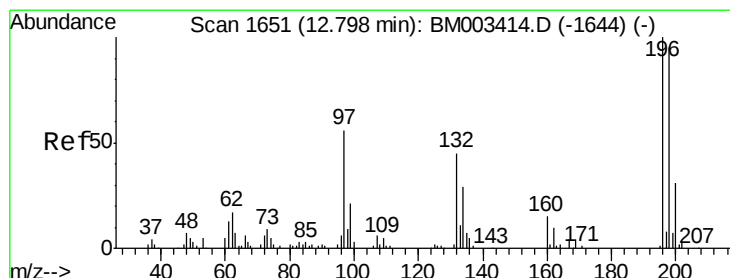
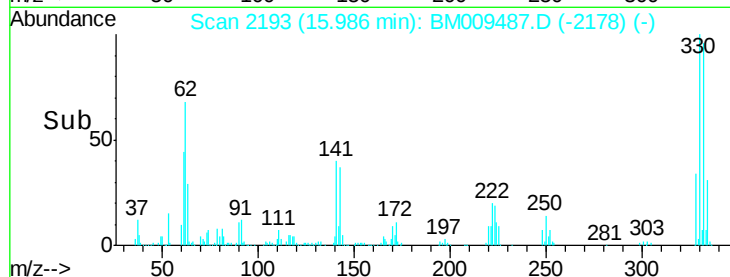
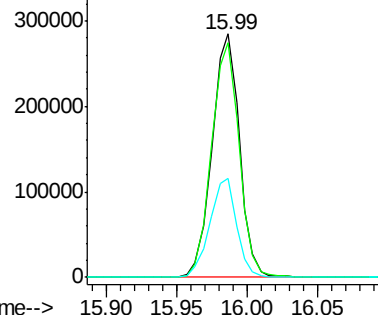
#41  
 2,4,6-Tribromophenol  
 Concen: 87.37 ng  
 RT: 15.99 min Scan# 2193  
 Delta R.T. -0.01 min  
 Lab File: BM009487.D  
 Acq: 31 Mar 2017 23:09

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:330 Resp: 384264  
 Ion Ratio Lower Upper  
 330 100  
 332 97.4 0.0 0.0#  
 141 40.0 0.0 0.0#

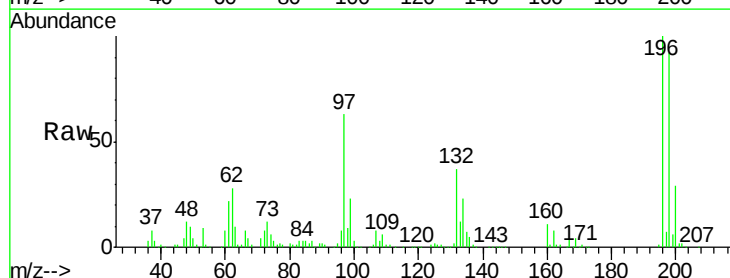


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

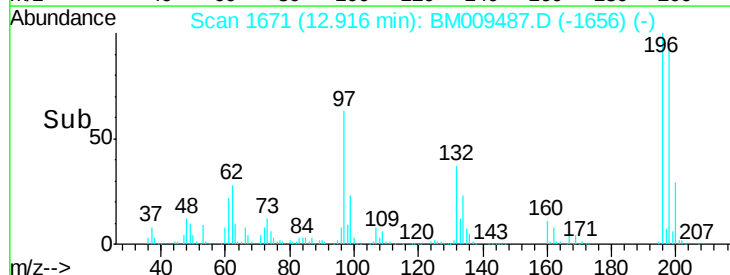
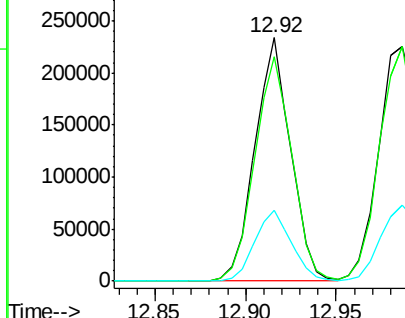


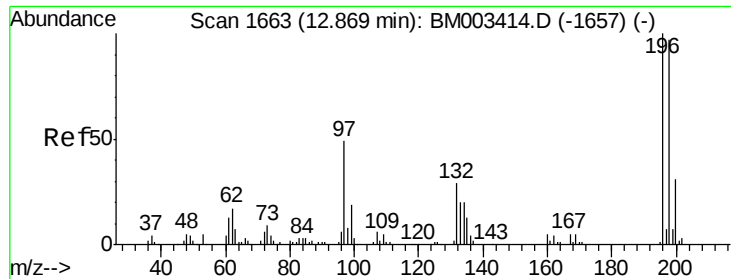
#42  
 2,4,6-Trichlorophenol  
 Concen: 41.82 ng  
 RT: 12.92 min Scan# 1671  
 Delta R.T. -0.01 min  
 Lab File: BM009487.D  
 Acq: 31 Mar 2017 23:09

Tgt Ion:196 Resp: 319621  
 Ion Ratio Lower Upper  
 196 100  
 198 92.1 76.3 114.5  
 200 29.0 25.6 38.4



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

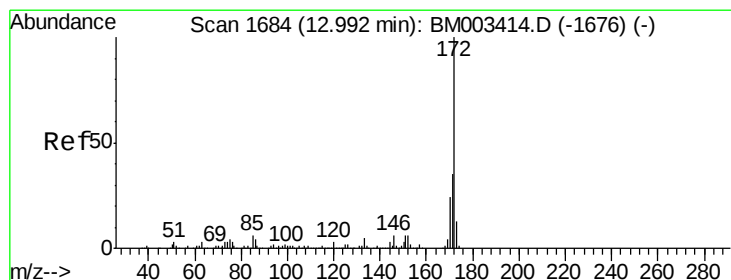
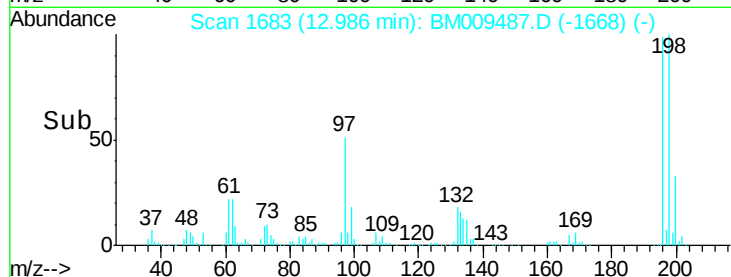
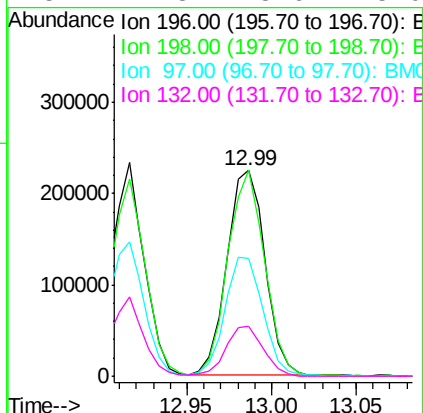
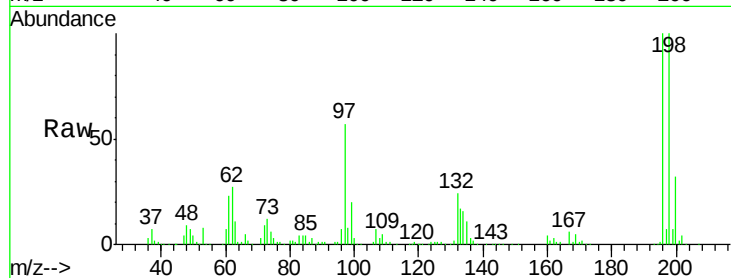




#43  
 2,4,5-Trichlorophenol  
 Concen: 41.45 ng  
 RT: 12.99 min Scan# 1683  
 Delta R.T. -0.01 min  
 Lab File: BM009487.D  
 Acq: 31 Mar 2017 23:09

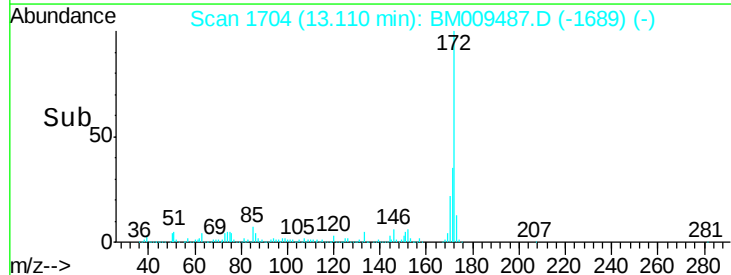
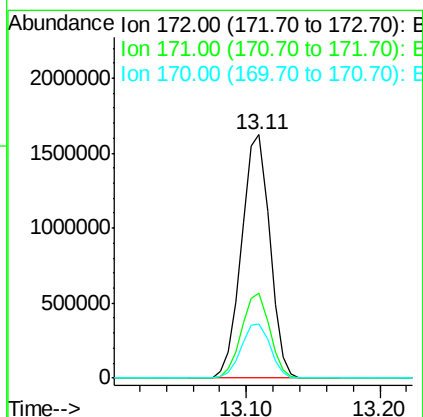
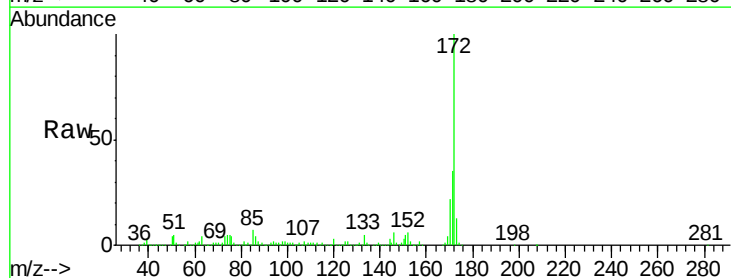
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

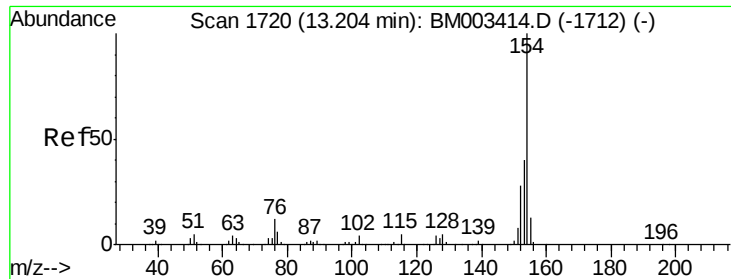
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 99.9  | 79.4  | 119.0 |
| 97      | 57.1  | 26.8  | 40.2  |
| 132     | 24.3  | 18.6  | 28.0  |



#44  
 2-Fluorobiphenyl  
 Concen: 80.68 ng  
 RT: 13.11 min Scan# 1704  
 Delta R.T. -0.01 min  
 Lab File: BM009487.D  
 Acq: 31 Mar 2017 23:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.1  | 28.5  | 42.7  |
| 170     | 22.4  | 18.8  | 28.2  |

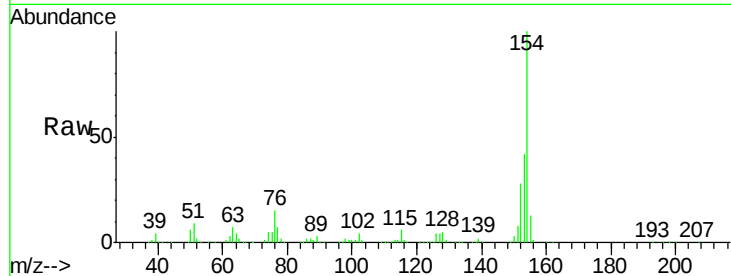




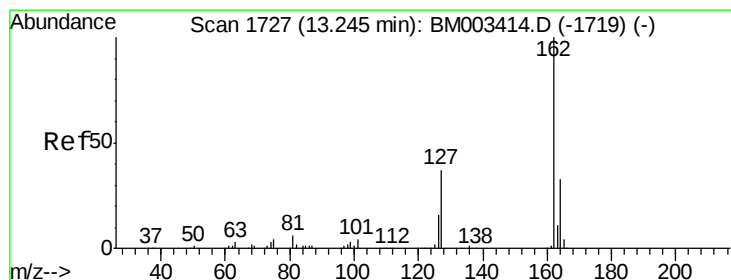
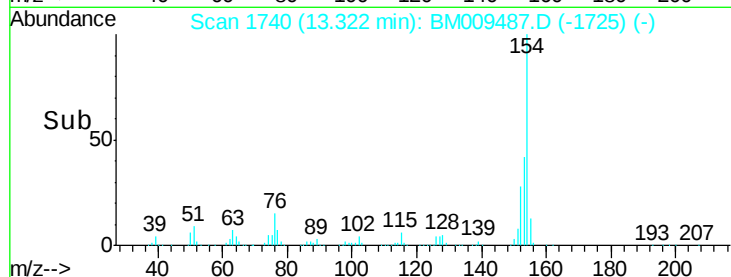
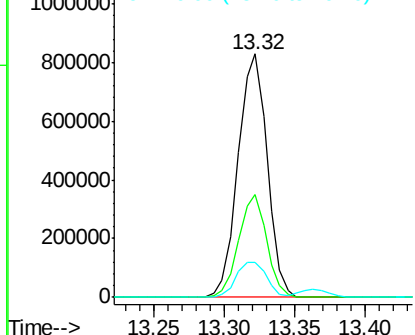
#45  
 1,1'-Biphenyl  
 Concen: 40.58 ng  
 RT: 13.32 min Scan# 1740  
 Delta R.T. -0.01 min  
 Lab File: BM009487.D  
 Acq: 31 Mar 2017 23:09

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTCCCC040

Tot Ion:154 Resp: 1195565  
 Ion Ratio Lower Upper  
 154 100  
 153 42.1 20.7 60.7  
 76 14.6 0.0 30.9

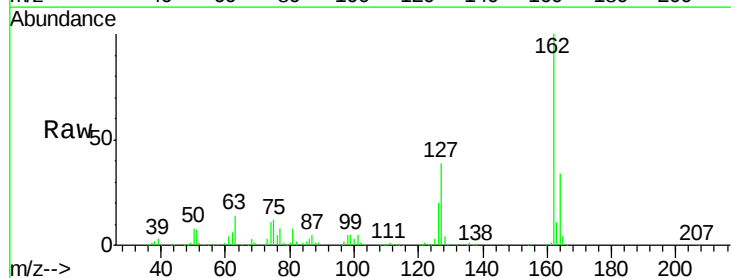


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BM

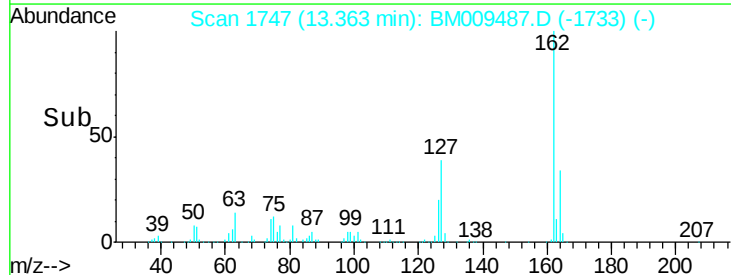
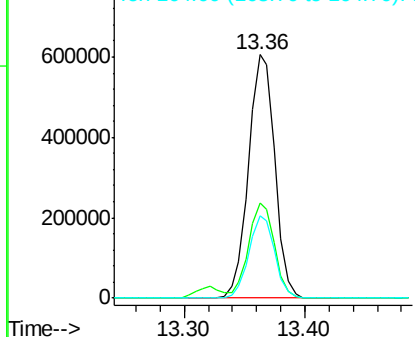


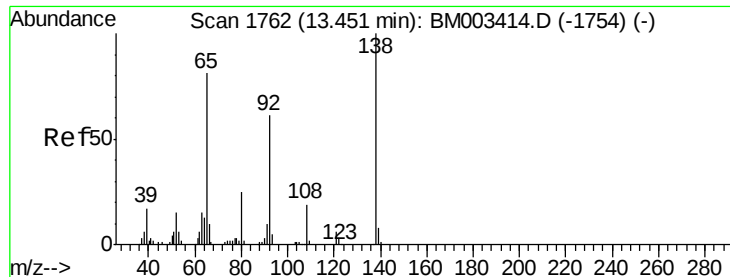
#46  
 2-Chloronaphthalene  
 Concen: 40.20 ng  
 RT: 13.36 min Scan# 1747  
 Delta R.T. -0.02 min  
 Lab File: BM009487.D  
 Acq: 31 Mar 2017 23:09

Tgt Ion:162 Resp: 920024  
 Ion Ratio Lower Upper  
 162 100  
 127 39.1 26.9 40.3  
 164 33.7 26.8 40.2



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

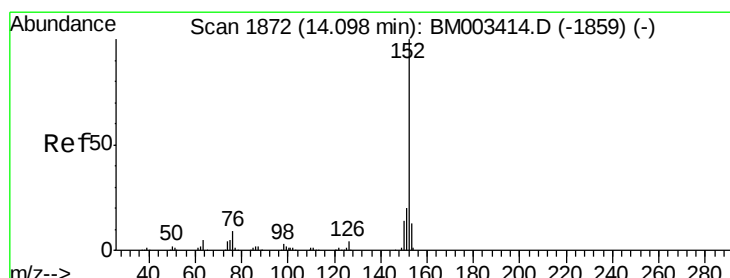
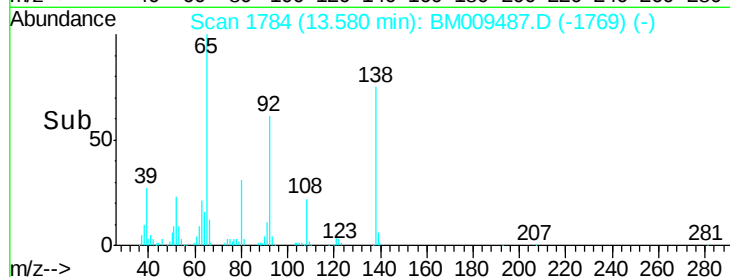
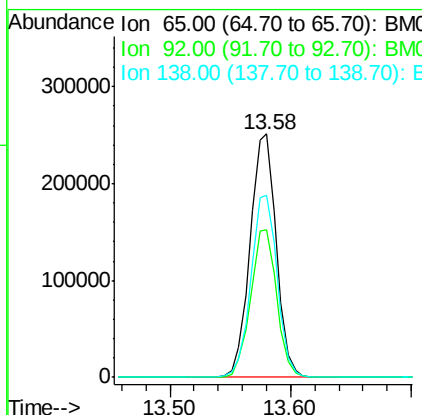
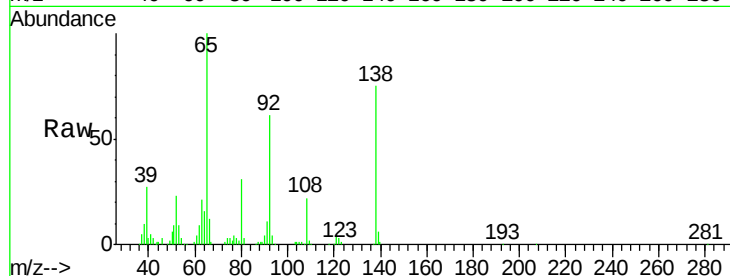




#47  
2-Nitroaniline  
Concen: 45.12 ng  
RT: 13.58 min Scan# 1784  
Delta R.T. -0.01 min  
Lab File: BM009487.D  
Acq: 31 Mar 2017 23:09

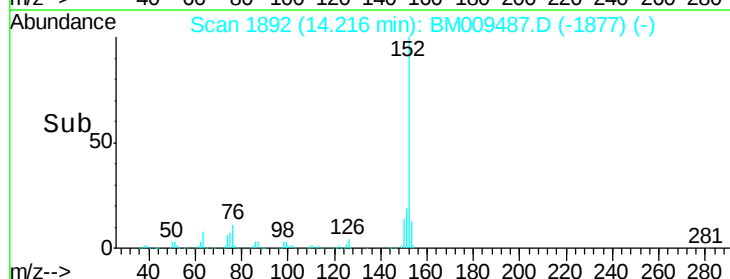
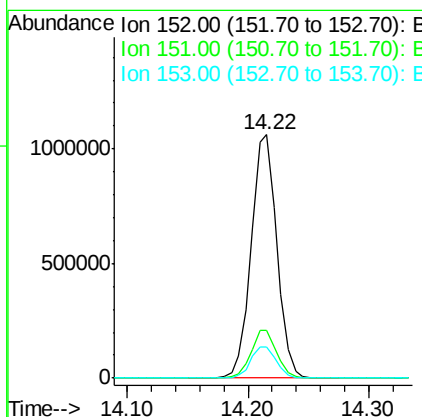
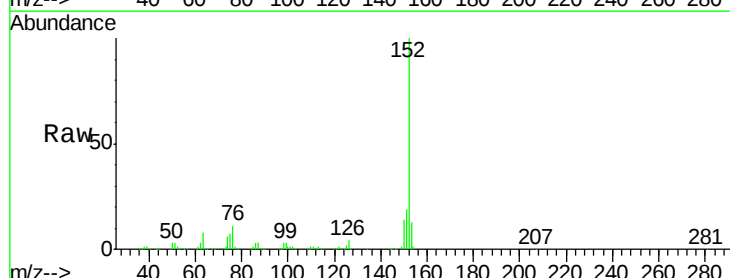
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

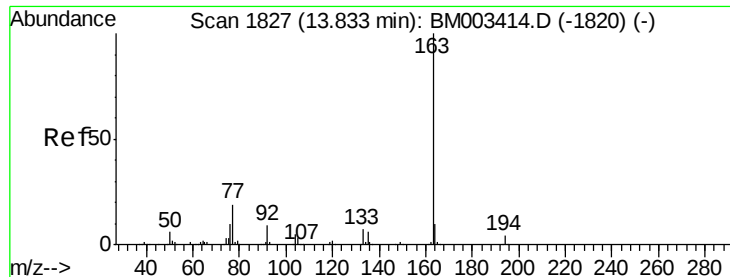
Tot Ion: 65 Resp: 380409  
Ion Ratio Lower Upper  
65 100  
92 60.7 59.1 88.7  
138 74.8 93.9 140.9#



#48  
Acenaphthylene  
Concen: 42.09 ng  
RT: 14.22 min Scan# 1892  
Delta R.T. -0.01 min  
Lab File: BM009487.D  
Acq: 31 Mar 2017 23:09

Tgt Ion: 152 Resp: 1568885  
Ion Ratio Lower Upper  
152 100  
151 19.4 15.9 23.9  
153 13.0 10.6 16.0





#49

Dimethylphthalate

Concen: 41.60 ng

RT: 13.95 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BM009487.D

Acq: 31 Mar 2017 23:09

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

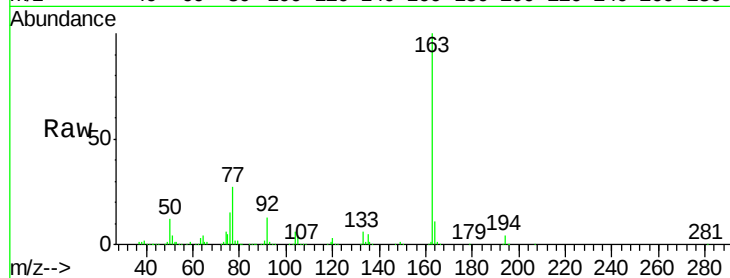
Tot Ion:163 Resp: 1130646

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1

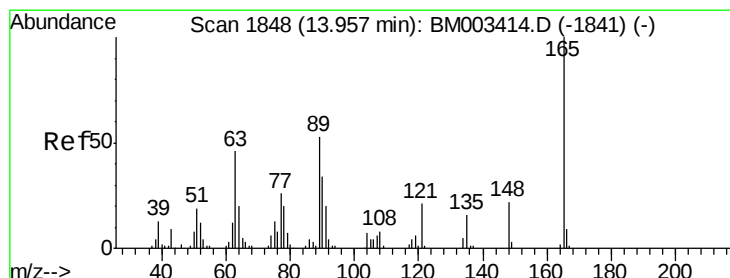
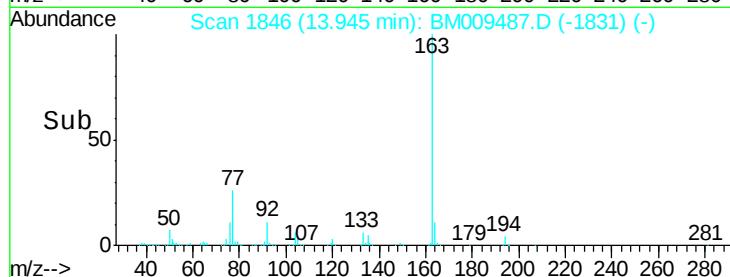
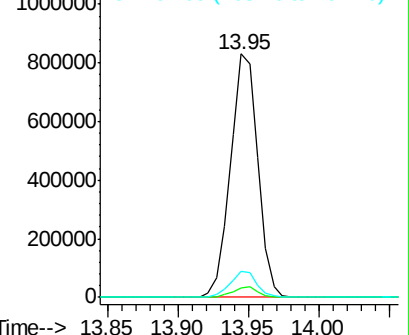
164 10.7 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 43.58 ng

RT: 14.07 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BM009487.D

Acq: 31 Mar 2017 23:09

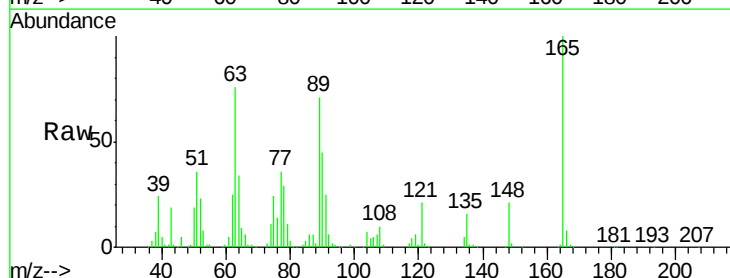
Tgt Ion:165 Resp: 255279

Ion Ratio Lower Upper

165 100

63 75.6 44.1 66.1#

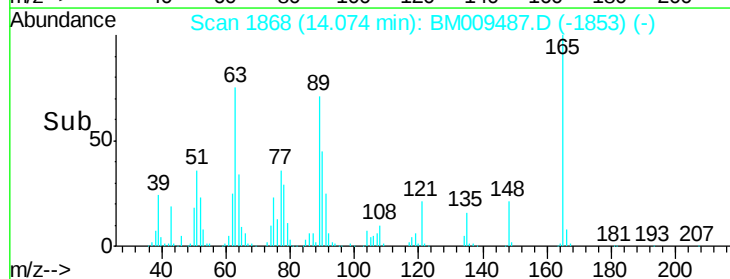
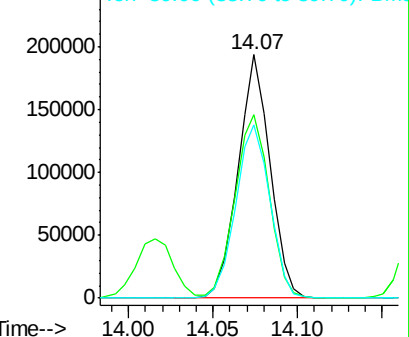
89 71.3 44.3 66.5#

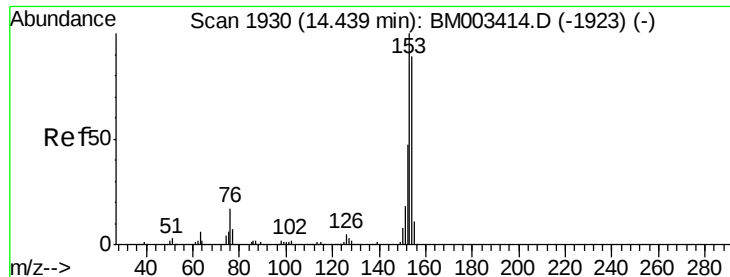


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM





#51

Acenaphthene

Concen: 41.63 ng

RT: 14.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BM009487.D

Acq: 31 Mar 2017 23:09

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

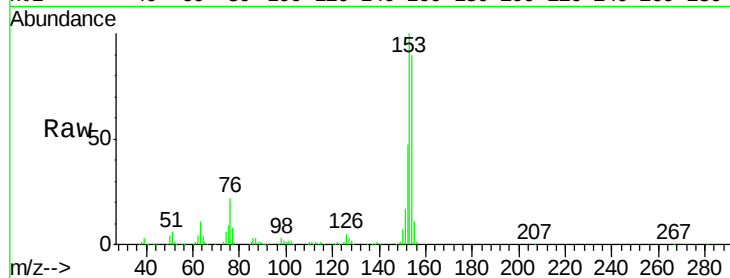
Tot Ion:154 Resp: 936195

Ion Ratio Lower Upper

154 100

153 110.8 90.0 135.0

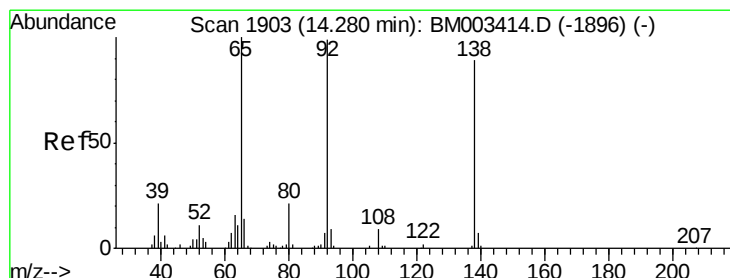
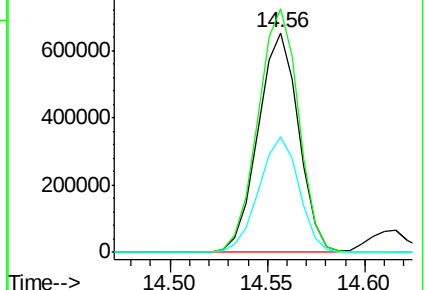
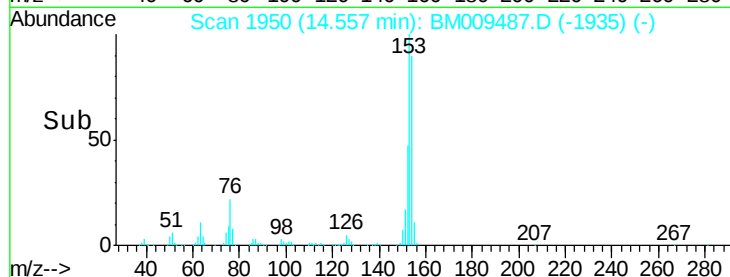
152 52.6 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 45.47 ng

RT: 14.41 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM009487.D

Acq: 31 Mar 2017 23:09

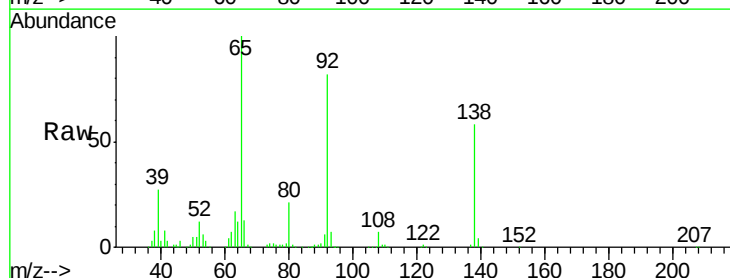
Tgt Ion:138 Resp: 262409

Ion Ratio Lower Upper

138 100

108 11.9 7.3 10.9#

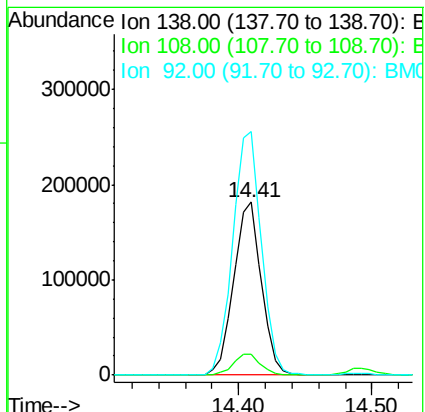
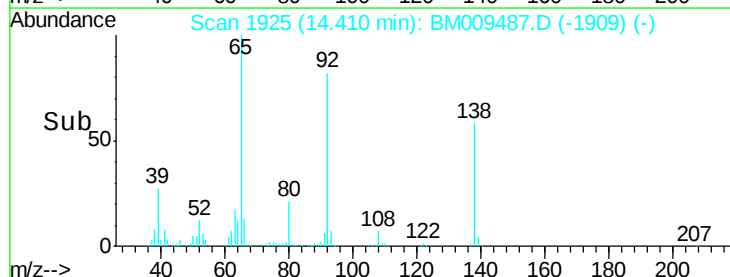
92 140.9 76.6 114.8#

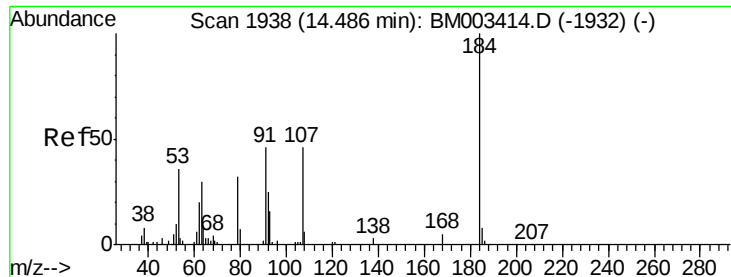


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

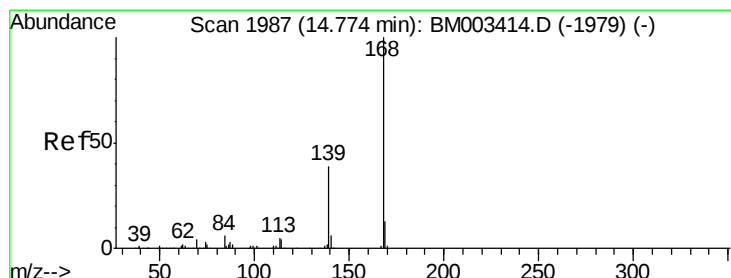
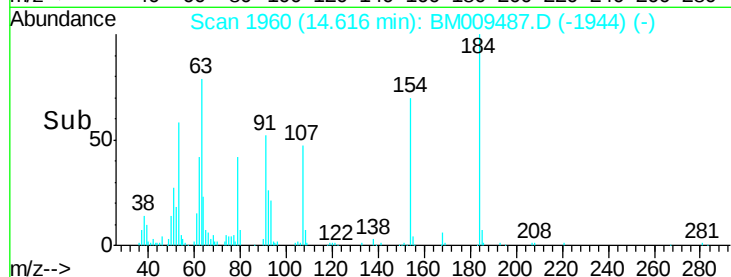
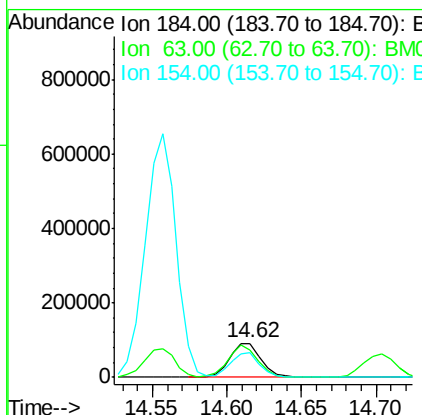
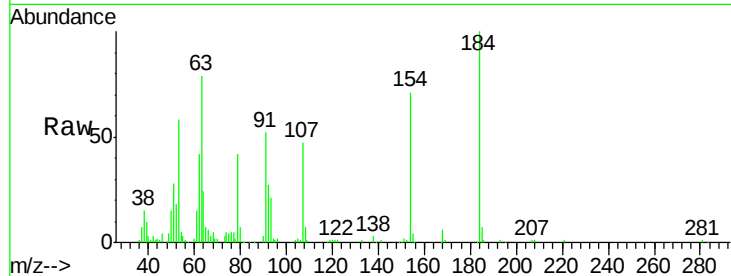




#53  
 2,4-Dinitrophenol  
 Concen: 36.93 ng  
 RT: 14.62 min Scan# 1960  
 Delta R.T. -0.01 min  
 Lab File: BM009487.D  
 Acq: 31 Mar 2017 23:09

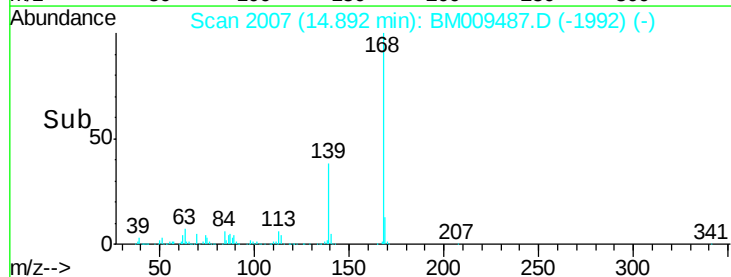
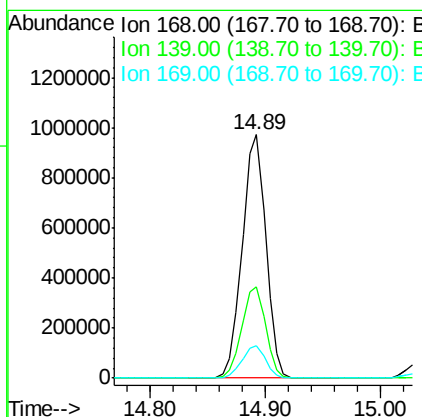
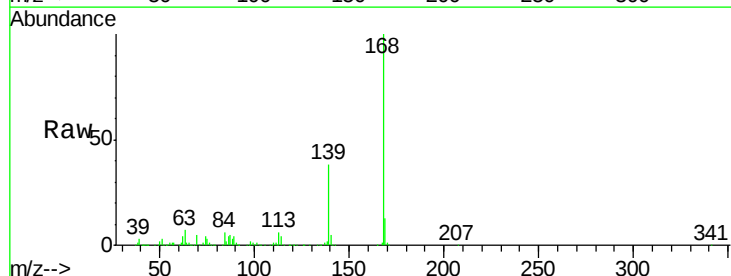
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

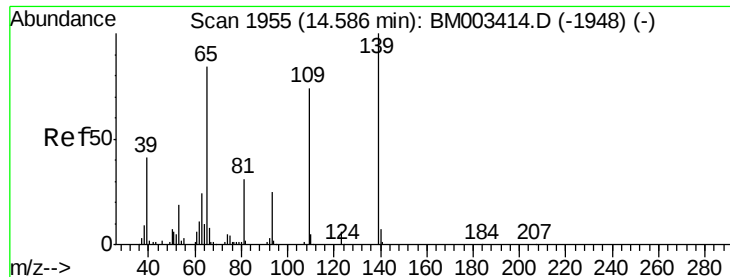
Tot Ion:184 Resp: 133425  
 Ion Ratio Lower Upper  
 184 100  
 63 78.9 69.2 103.8  
 154 71.5 53.3 79.9



#54  
 Dibenzofuran  
 Concen: 41.63 ng  
 RT: 14.89 min Scan# 2007  
 Delta R.T. -0.01 min  
 Lab File: BM009487.D  
 Acq: 31 Mar 2017 23:09

Tgt Ion:168 Resp: 1384625  
 Ion Ratio Lower Upper  
 168 100  
 139 37.7 27.3 40.9  
 169 13.1 10.6 16.0

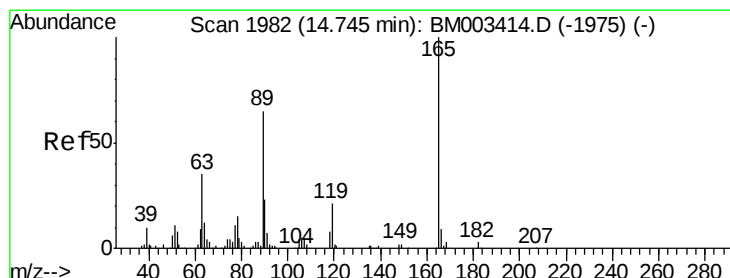
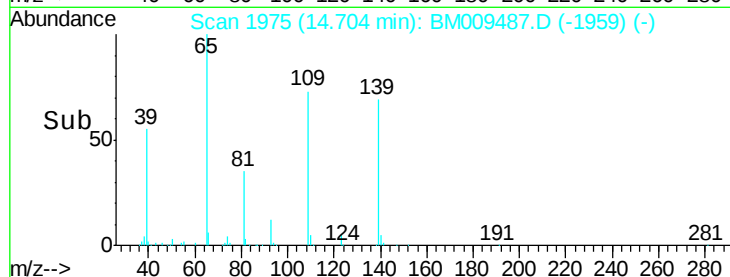
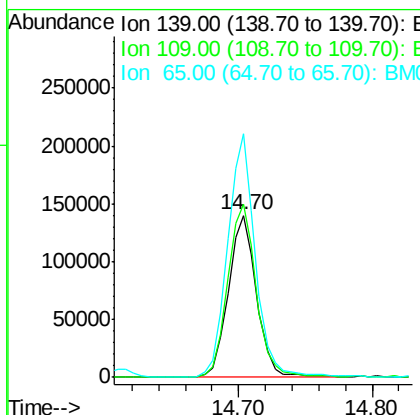
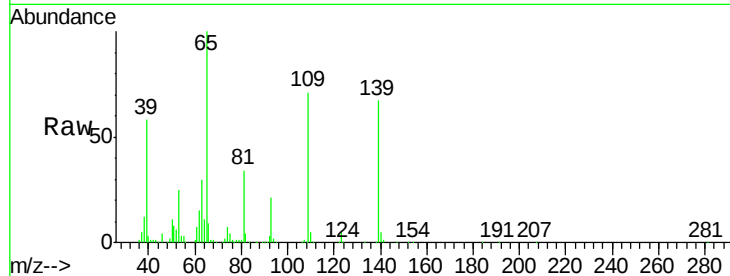




#55  
4-Nitrophenol  
Concen: 43.25 ng  
RT: 14.70 min Scan# 1975  
Delta R.T. -0.01 min  
Lab File: BM009487.D  
Acq: 31 Mar 2017 23:09

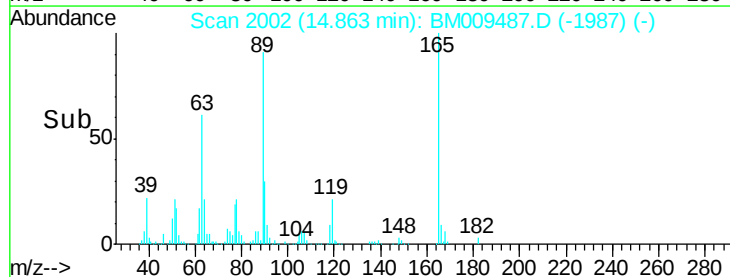
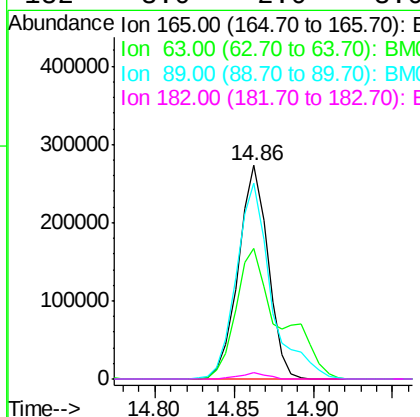
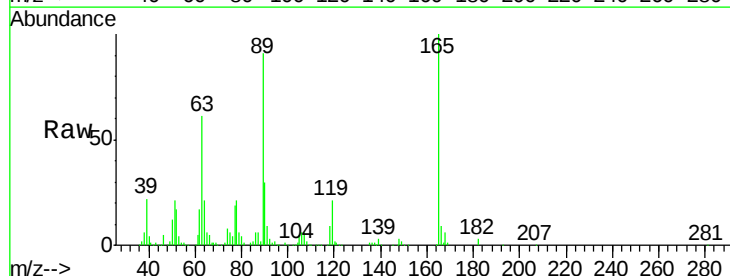
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

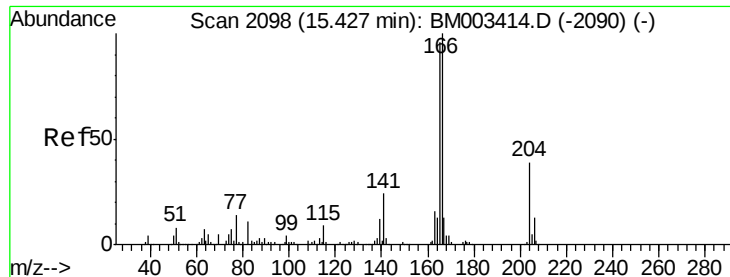
Tot Ion:139 Resp: 206316  
Ion Ratio Lower Upper  
139 100  
109 107.2 37.7 77.7#  
65 150.2 49.9 89.9#



#56  
2,4-Dinitrotoluene  
Concen: 44.93 ng  
RT: 14.86 min Scan# 2002  
Delta R.T. -0.01 min  
Lab File: BM009487.D  
Acq: 31 Mar 2017 23:09

Tgt Ion:165 Resp: 356088  
Ion Ratio Lower Upper  
165 100  
63 61.3 52.4 78.6  
89 91.4 72.4 108.6  
182 3.0 2.0 3.0#





#57

Fluorene

Concen: 41.66 ng

RT: 15.54 min Scan# 2117

Delta R.T. -0.01 min

Lab File: BM009487.D

Acq: 31 Mar 2017 23:09

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

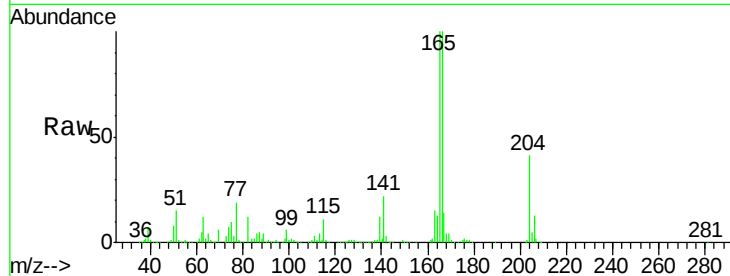
Tot Ion:166 Resp: 1245451

Ion Ratio Lower Upper

166 100

165 99.7 79.0 118.4

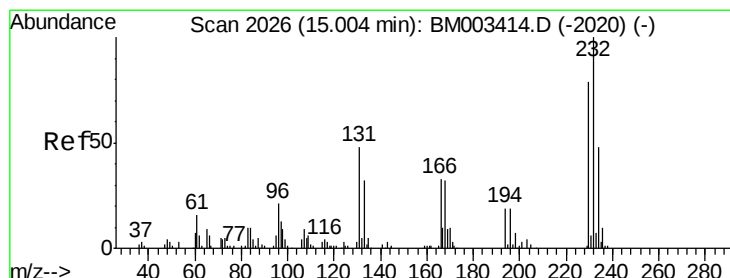
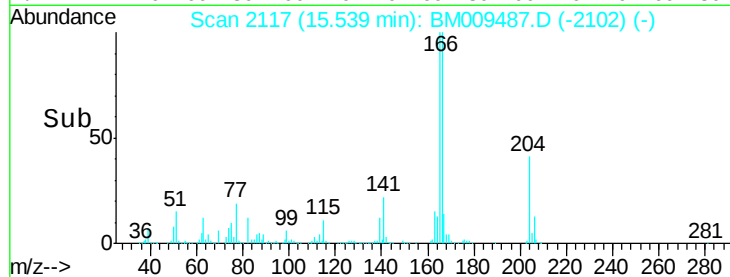
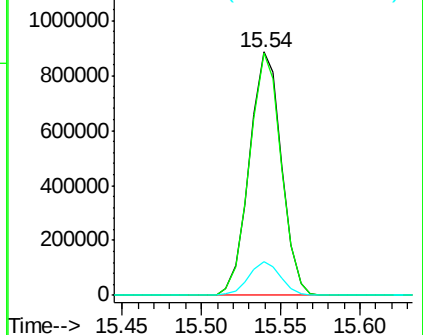
167 14.0 10.3 15.5



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.06 ng

RT: 15.12 min Scan# 2045

Delta R.T. -0.01 min

Lab File: BM009487.D

Acq: 31 Mar 2017 23:09

Tgt Ion:232 Resp: 310534

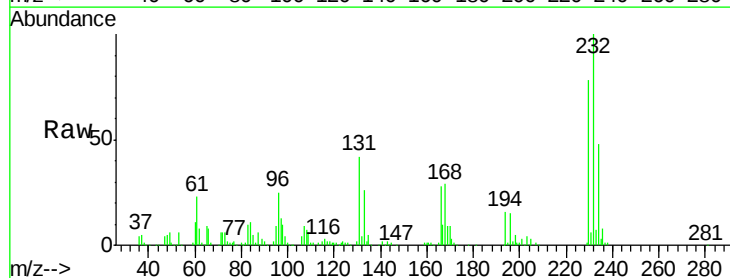
Ion Ratio Lower Upper

232 100

131 43.5 0.0 0.0#

130 2.6 0.0 0.0#

166 29.2 0.0 0.0#

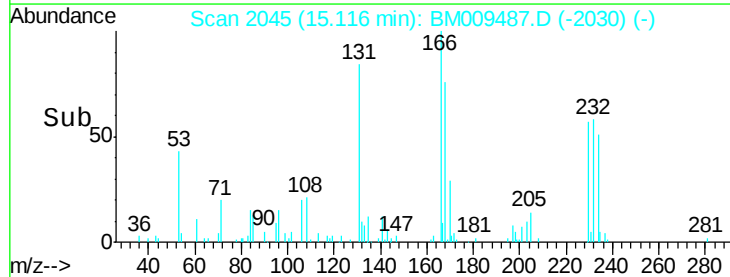
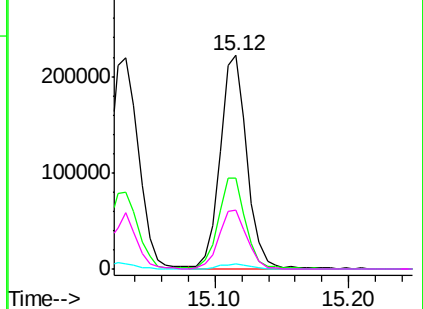


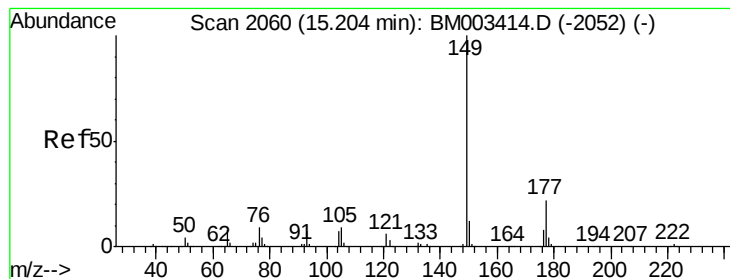
Abundance Ion 232.00 (231.70 to 232.70): E

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





#59

Diethylphthalate

Concen: 43.11 ng

RT: 15.31 min Scan# 2078

Delta R.T. -0.01 min

Lab File: BM009487.D

Acq: 31 Mar 2017 23:09

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

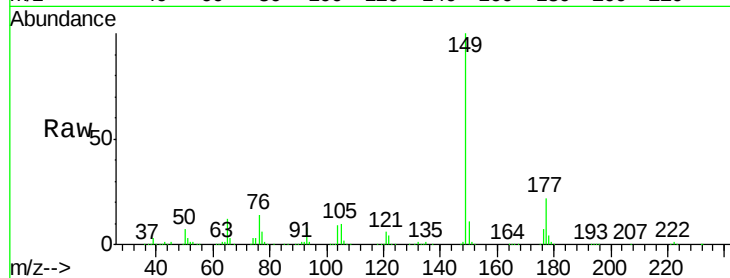
Tot Ion:149 Resp: 1188767

Ion Ratio Lower Upper

149 100

177 22.2 18.3 27.5

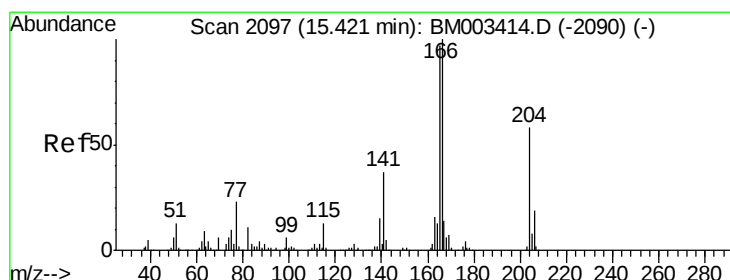
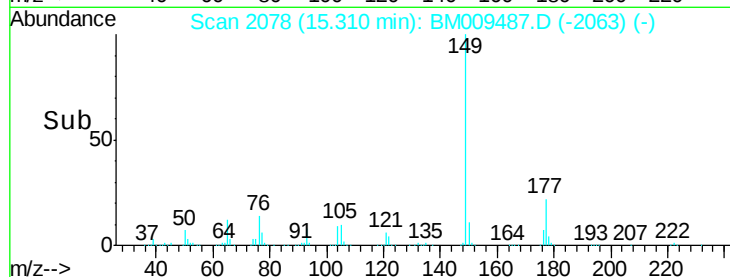
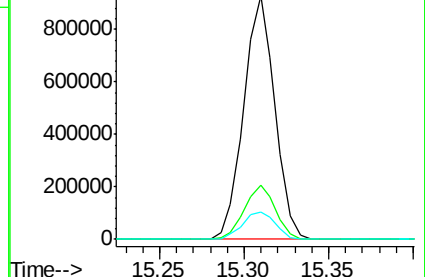
150 11.3 9.8 14.8



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



#60

4-Chlorophenyl-phenylether

Concen: 40.99 ng

RT: 15.53 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BM009487.D

Acq: 31 Mar 2017 23:09

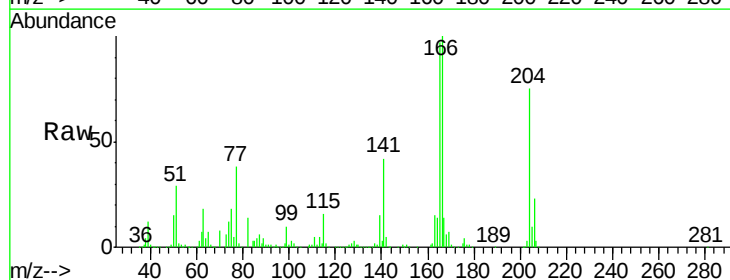
Tgt Ion:204 Resp: 639802

Ion Ratio Lower Upper

204 100

206 31.2 26.6 39.8

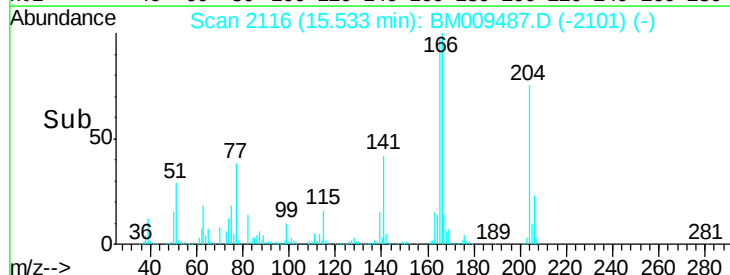
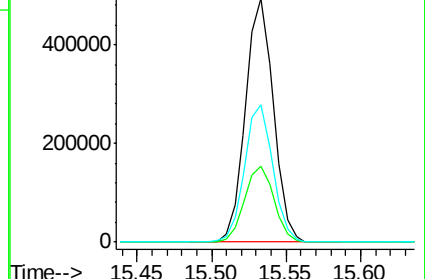
141 56.4 45.2 67.8

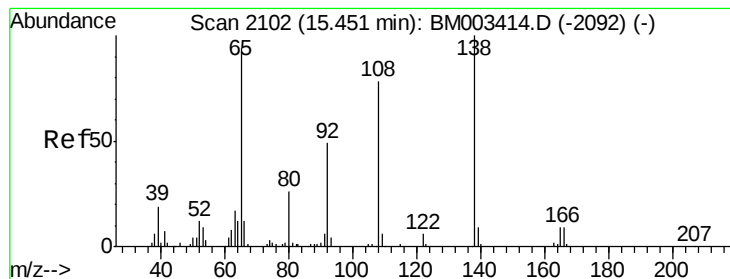


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 46.71 ng

RT: 15.57 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BM009487.D

Acq: 31 Mar 2017 23:09

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

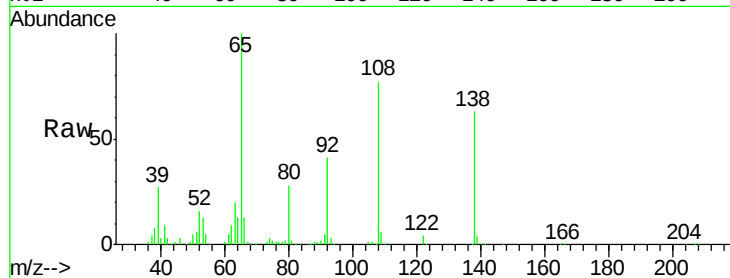
Tot Ion:138 Resp: 292755

Ion Ratio Lower Upper

138 100

92 64.2 16.7 56.7#

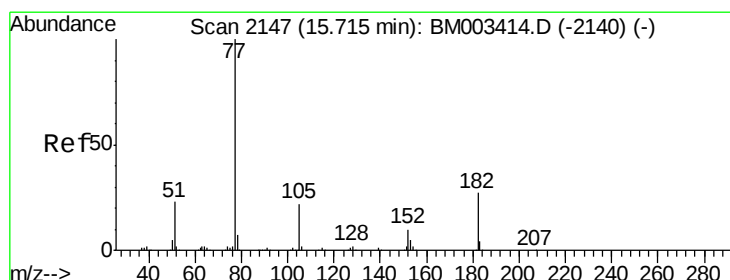
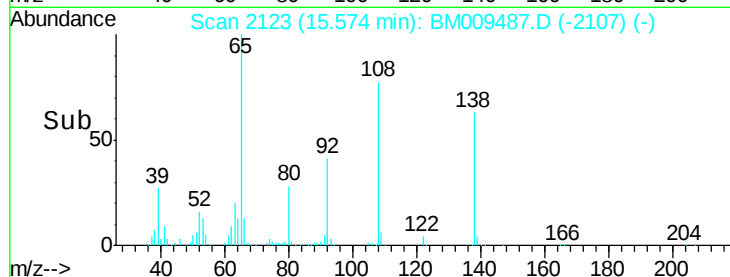
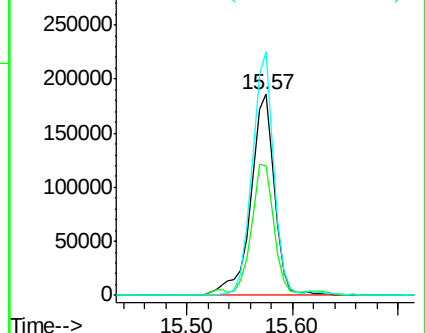
108 121.1 37.6 77.6#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 43.79 ng

RT: 15.83 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BM009487.D

Acq: 31 Mar 2017 23:09

Tgt Ion: 77 Resp: 1409595

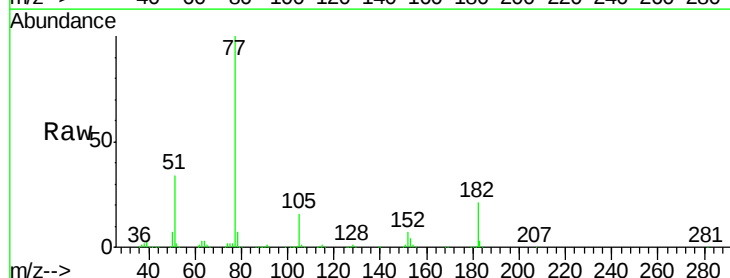
Ion Ratio Lower Upper

77 100

182 20.6 6.5 46.5

105 16.0 3.8 43.8

51 34.4 5.5 45.5

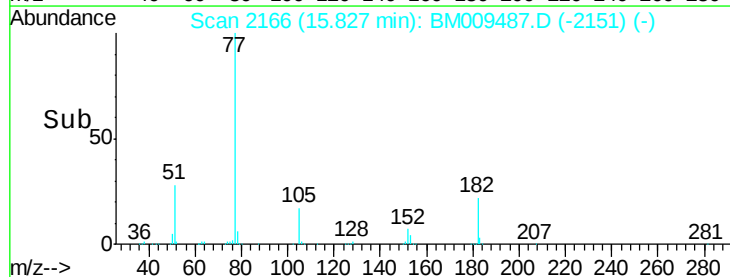
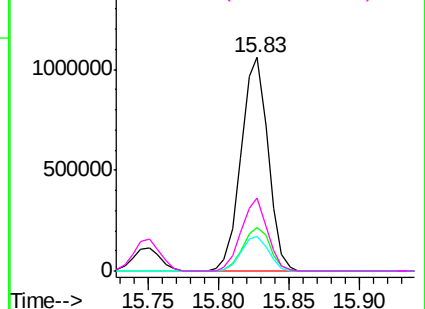


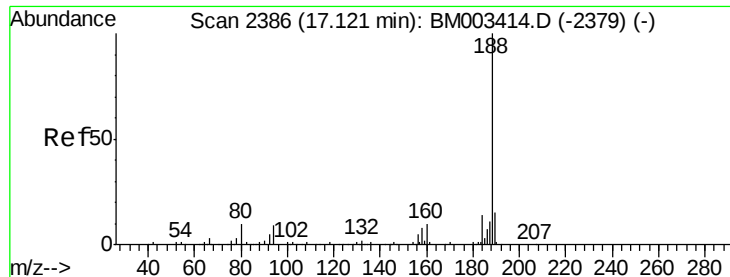
Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM

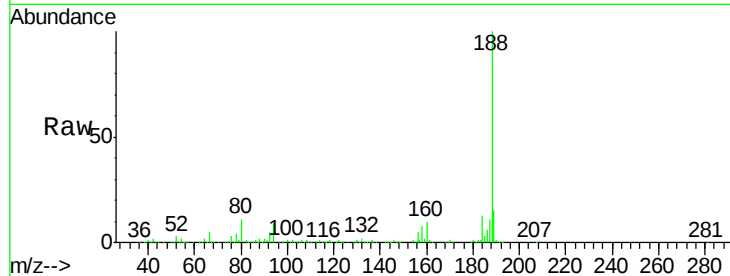




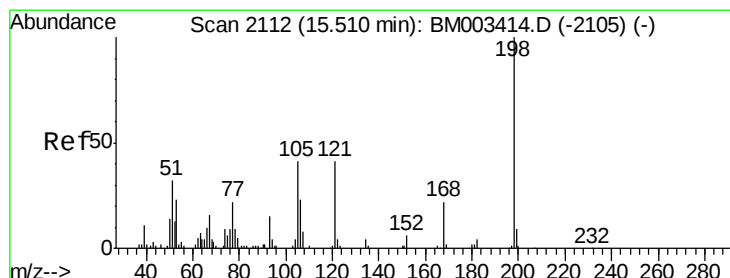
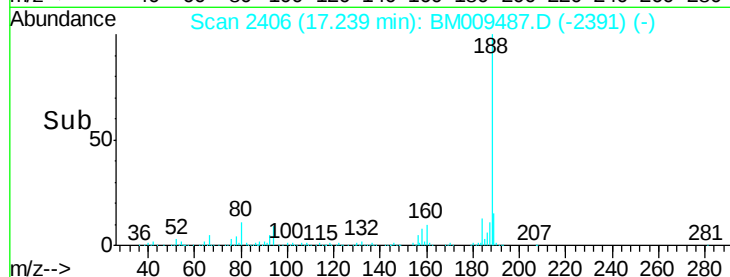
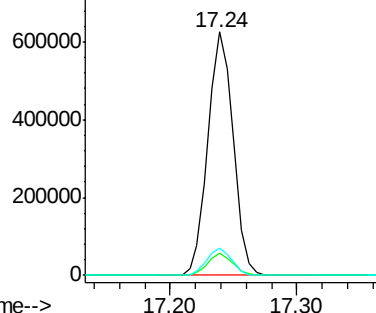
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.24 min Scan# 2406  
Delta R.T. -0.01 min  
Lab File: BM009487.D  
Acq: 31 Mar 2017 23:09

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

Tot Ion:188 Resp: 859374  
Ion Ratio Lower Upper  
188 100  
94 9.0 8.7 13.1  
80 11.0 9.3 13.9

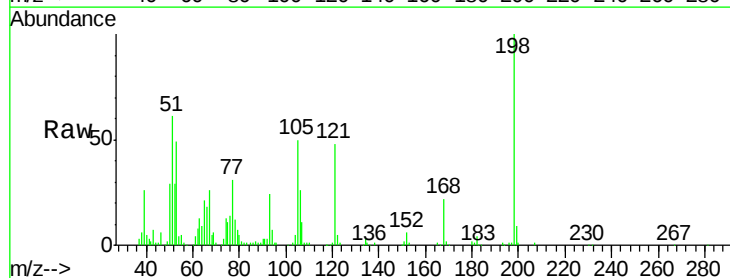


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BM  
Ion 80.00 (79.70 to 80.70): BM

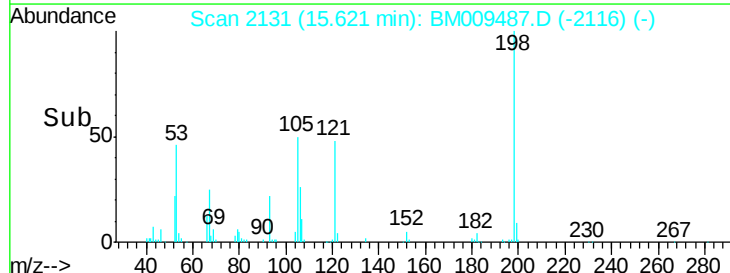
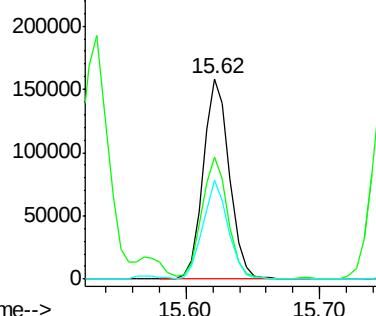


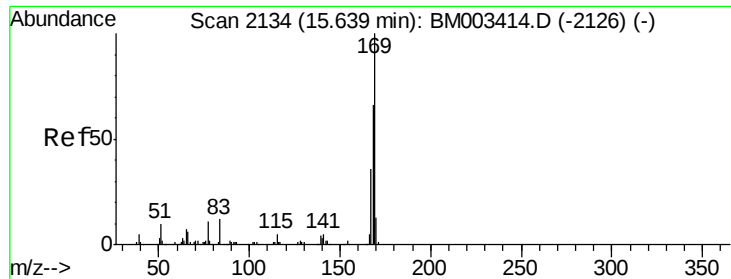
#64  
4,6-Dinitro-2-methylphenol  
Concen: 39.90 ng  
RT: 15.62 min Scan# 2131  
Delta R.T. -0.01 min  
Lab File: BM009487.D  
Acq: 31 Mar 2017 23:09

Tgt Ion:198 Resp: 216006  
Ion Ratio Lower Upper  
198 100  
51 60.7 28.8 68.8  
105 49.7 30.5 70.5



Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BM  
Ion 105.00 (104.70 to 105.70): E

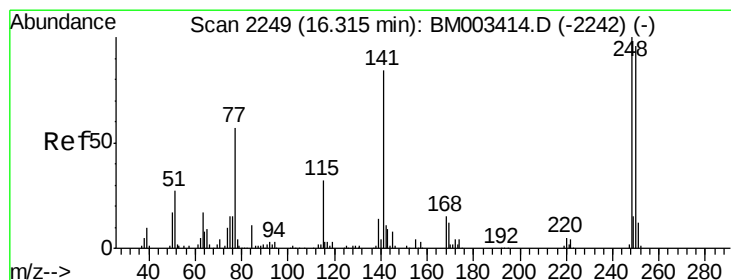
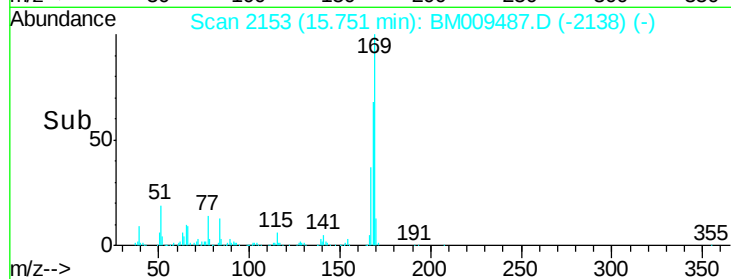
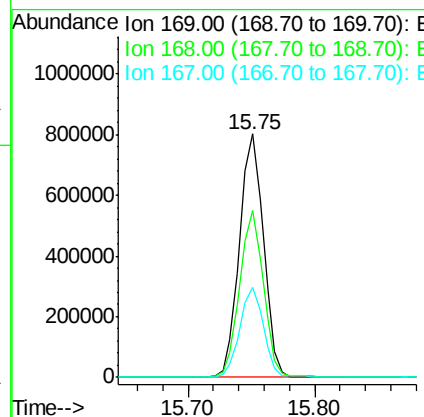
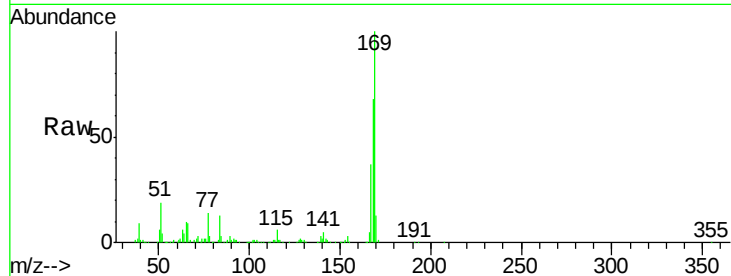




#65  
n-Nitrosodiphenylamine  
Concen: 40.12 ng  
RT: 15.75 min Scan# 2153  
Delta R.T. -0.01 min  
Lab File: BM009487.D  
Acq: 31 Mar 2017 23:09

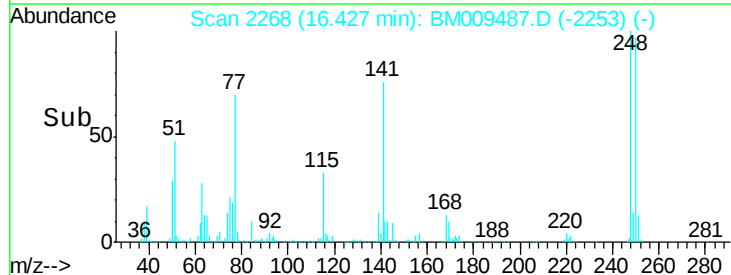
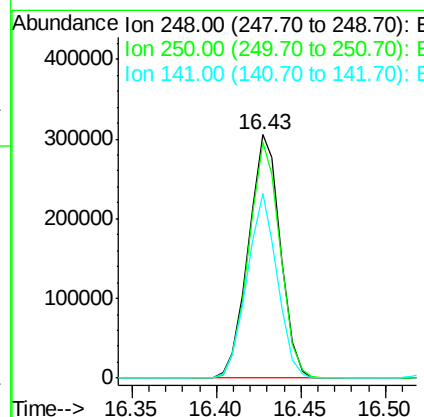
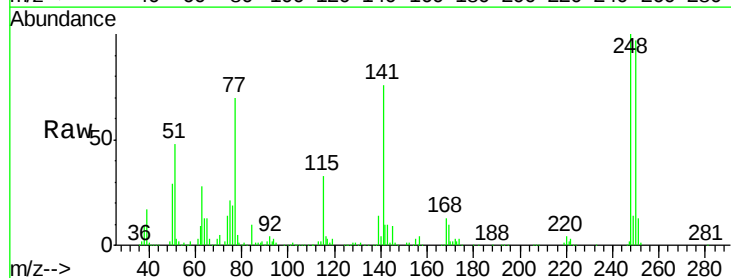
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

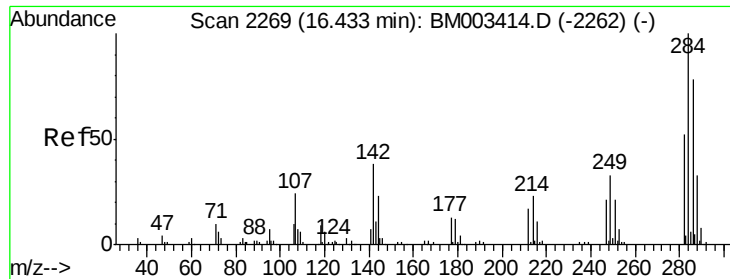
Tot Ion:169 Resp: 1047269  
Ion Ratio Lower Upper  
169 100  
168 68.4 53.9 80.9  
167 37.1 28.9 43.3



#66  
4-Bromophenyl-phenylether  
Concen: 40.30 ng  
RT: 16.43 min Scan# 2268  
Delta R.T. -0.01 min  
Lab File: BM009487.D  
Acq: 31 Mar 2017 23:09

Tgt Ion:248 Resp: 401248  
Ion Ratio Lower Upper  
248 100  
250 97.1 77.4 116.0  
141 75.7 45.2 67.8#





#67

Hexachlorobenzene

Concen: 38.91 ng

RT: 16.54 min Scan# 2287

Delta R.T. -0.01 min

Lab File: BM009487.D

Acq: 31 Mar 2017 23:09

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

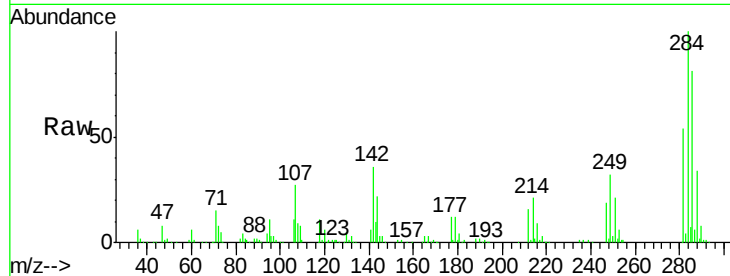
Tot Ion:284 Resp: 424655

Ion Ratio Lower Upper

284 100

142 35.5 20.4 30.6#

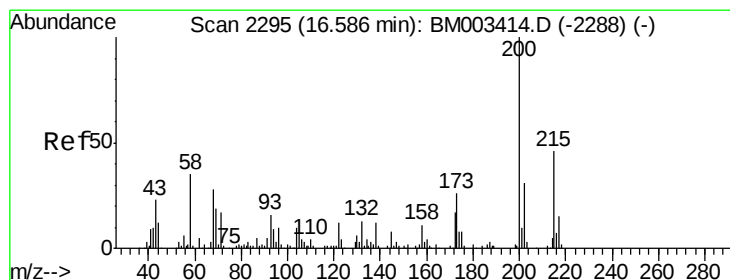
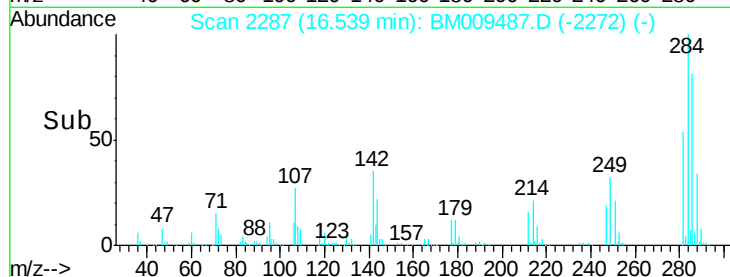
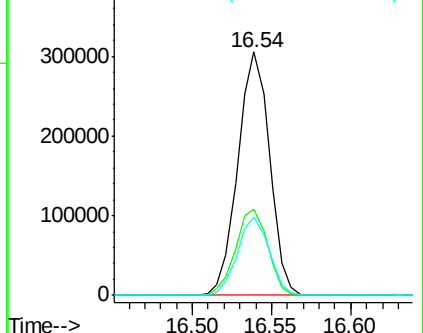
249 32.3 23.8 35.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.67 ng

RT: 16.70 min Scan# 2314

Delta R.T. -0.01 min

Lab File: BM009487.D

Acq: 31 Mar 2017 23:09

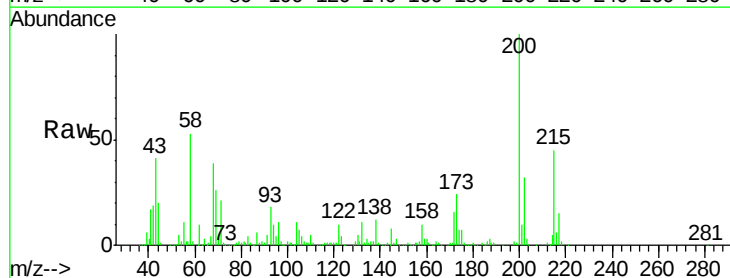
Tgt Ion:200 Resp: 409087

Ion Ratio Lower Upper

200 100

173 24.1 4.8 44.8

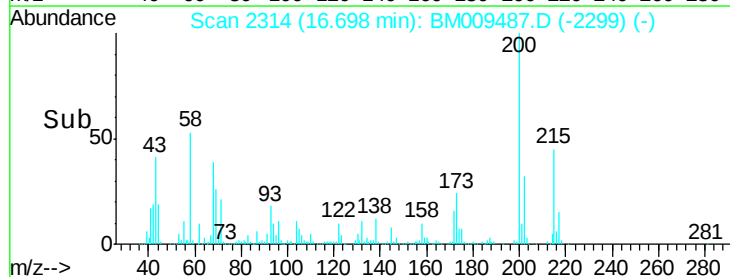
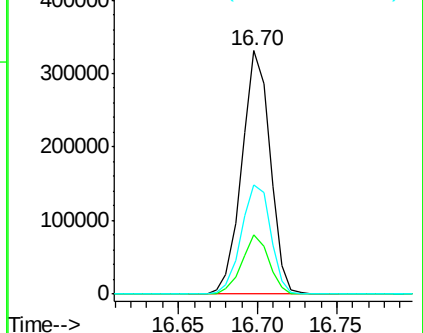
215 44.8 26.9 66.9

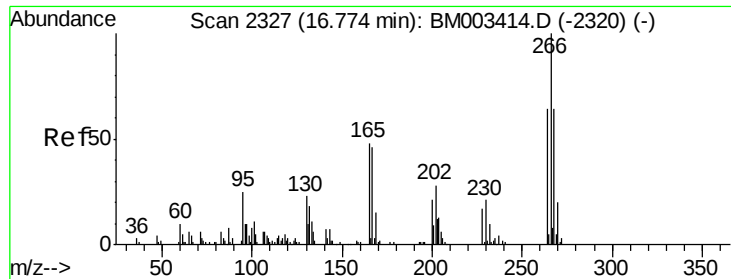


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

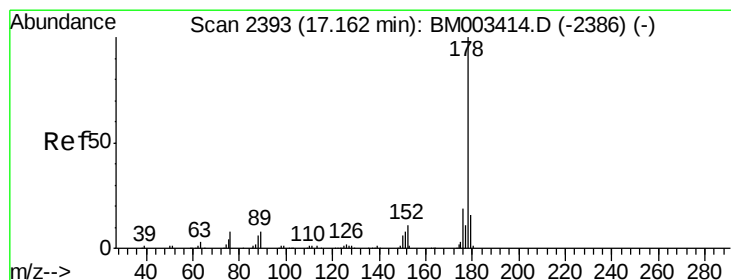
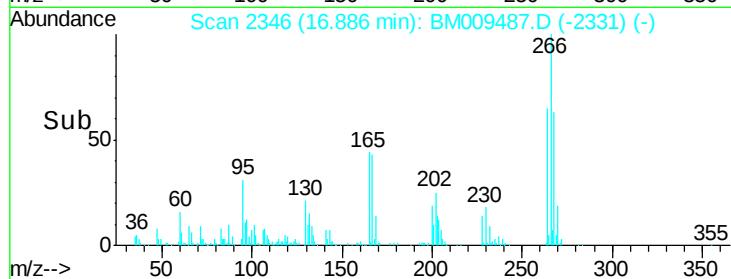
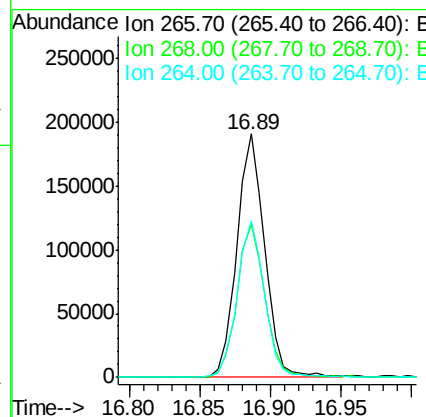
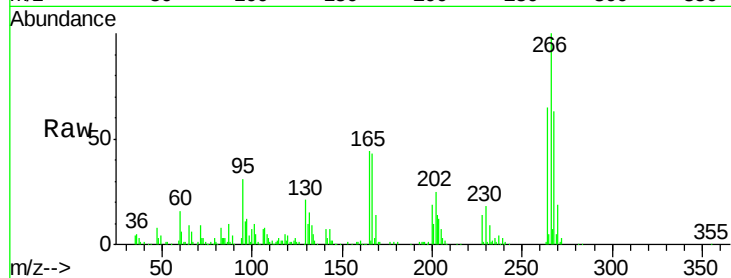




#69  
 Pentachlorophenol  
 Concen: 39.24 ng  
 RT: 16.89 min Scan# 2346  
 Delta R.T. -0.01 min  
 Lab File: BM009487.D  
 Acq: 31 Mar 2017 23:09

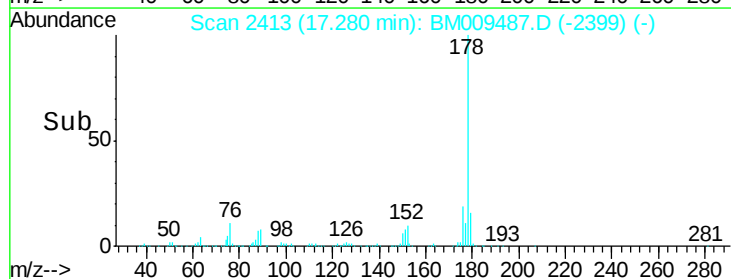
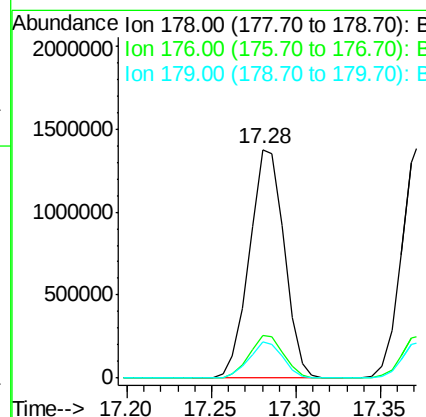
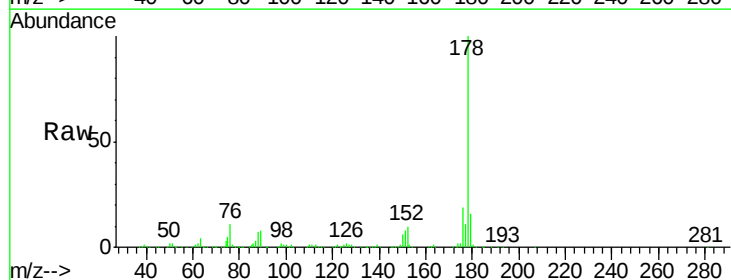
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTCCCC040

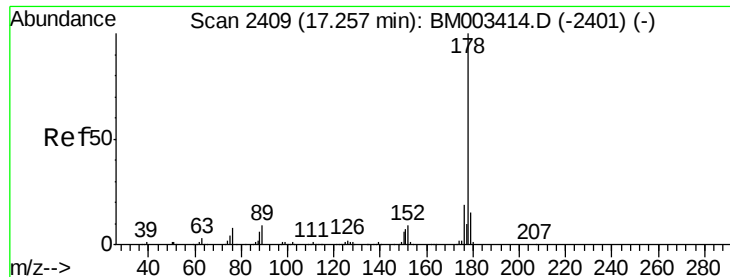
Tot Ion:266 Resp: 261600  
 Ion Ratio Lower Upper  
 266 100  
 268 62.7 52.0 78.0  
 264 64.5 49.0 73.4



#70  
 Phenanthrene  
 Concen: 40.38 ng  
 RT: 17.28 min Scan# 2413  
 Delta R.T. -0.02 min  
 Lab File: BM009487.D  
 Acq: 31 Mar 2017 23:09

Tgt Ion:178 Resp: 1984099  
 Ion Ratio Lower Upper  
 178 100  
 176 18.8 15.2 22.8  
 179 15.6 12.1 18.1

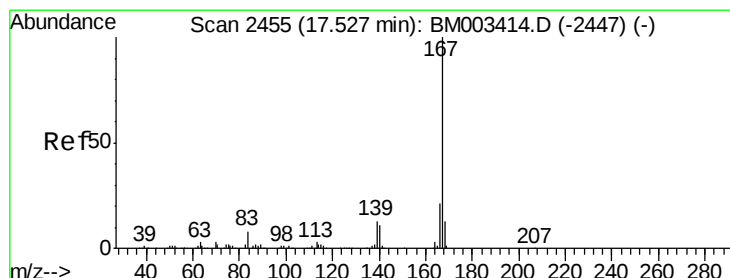
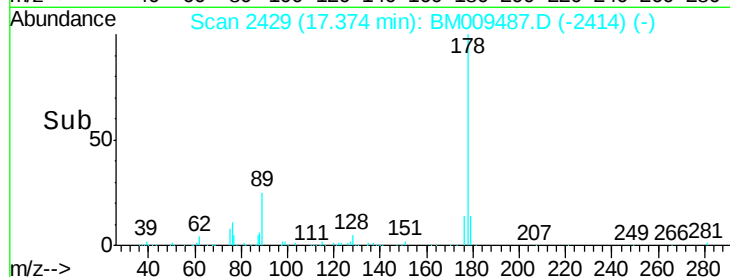
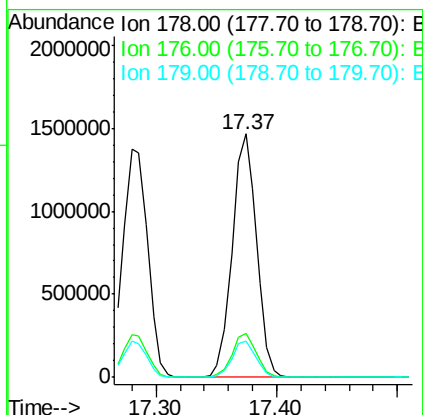
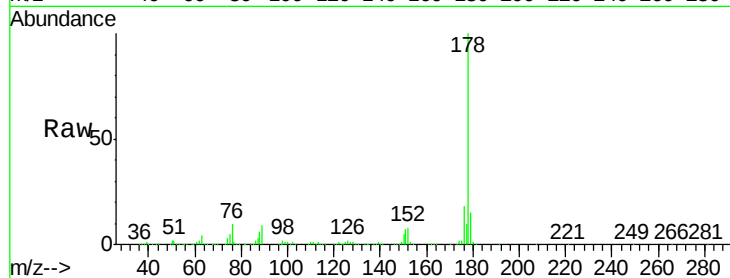




#71  
 Anthracene  
 Concen: 41.27 ng  
 RT: 17.37 min Scan# 2429  
 Delta R.T. -0.01 min  
 Lab File: BM009487.D  
 Acq: 31 Mar 2017 23:09

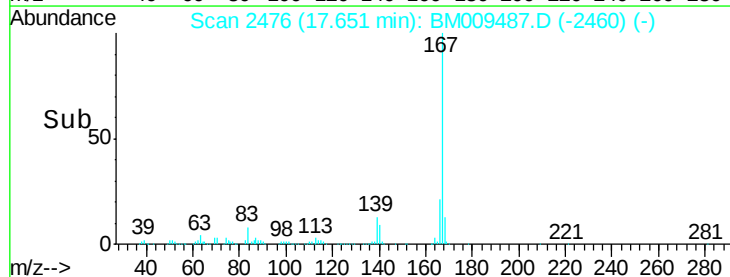
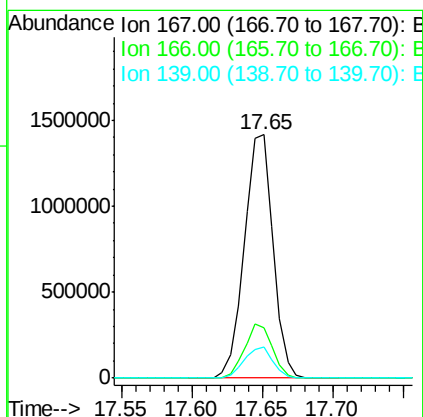
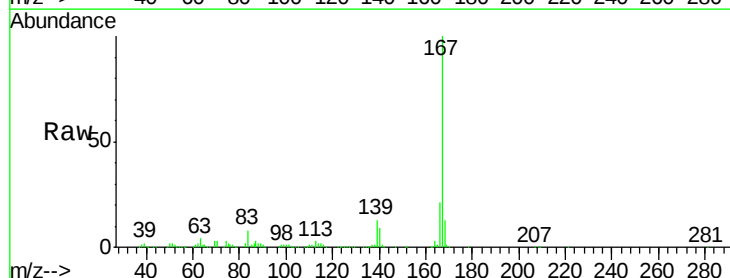
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

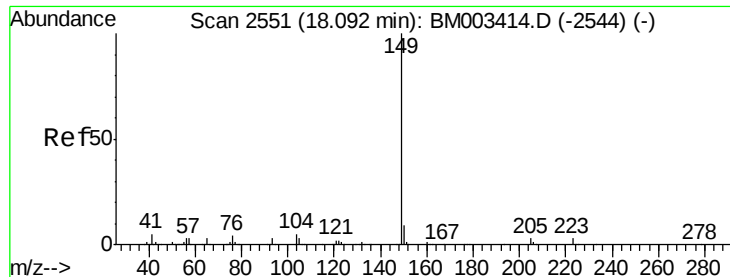
Tot Ion:178 Resp: 2053101  
 Ion Ratio Lower Upper  
 178 100  
 176 18.0 14.6 22.0  
 179 15.1 12.6 19.0



#72  
 Carbazole  
 Concen: 42.34 ng  
 RT: 17.65 min Scan# 2476  
 Delta R.T. -0.01 min  
 Lab File: BM009487.D  
 Acq: 31 Mar 2017 23:09

Tgt Ion:167 Resp: 2017530  
 Ion Ratio Lower Upper  
 167 100  
 166 20.7 17.2 25.8  
 139 12.6 10.8 16.2

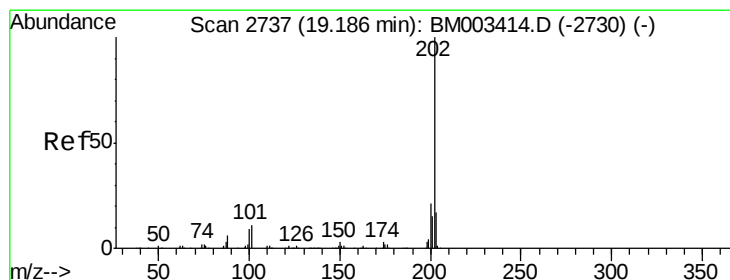
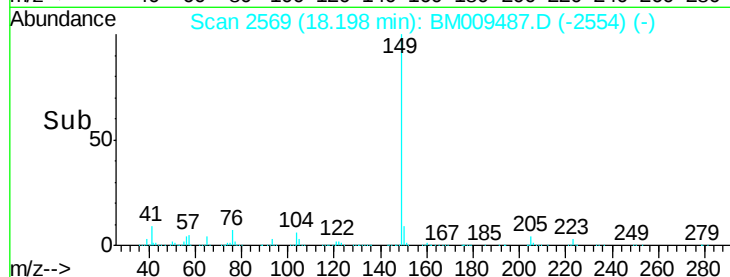
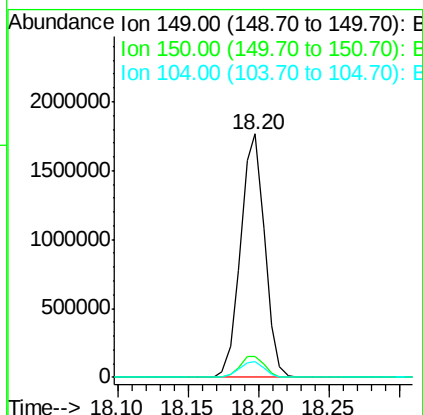
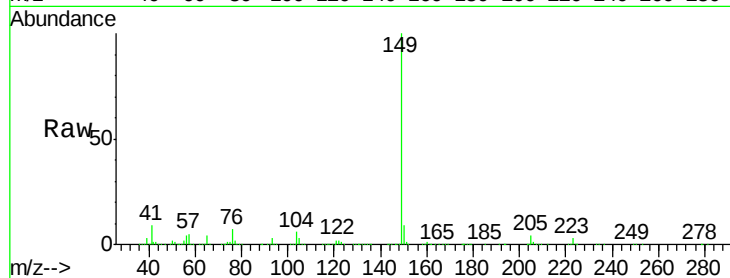




#73  
Di-n-butylphthalate  
Concen: 43.12 ng  
RT: 18.20 min Scan# 2569  
Delta R.T. -0.01 min  
Lab File: BM009487.D  
Acq: 31 Mar 2017 23:09

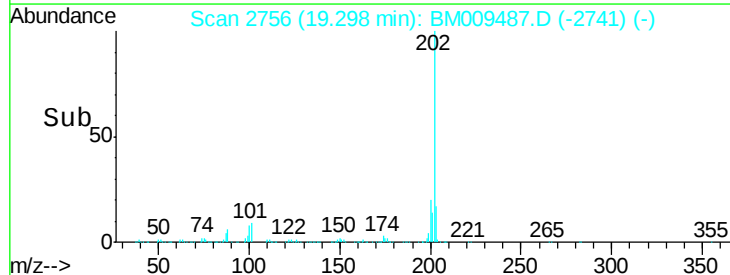
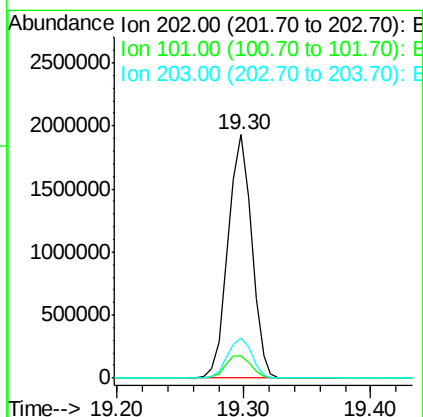
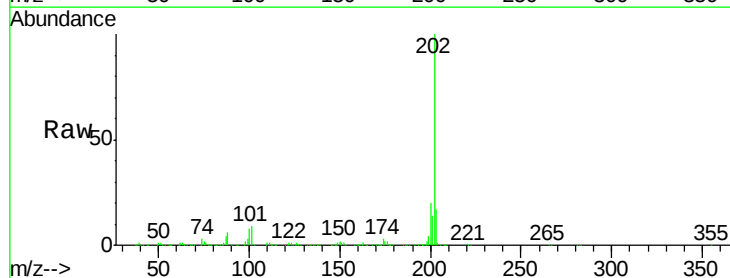
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

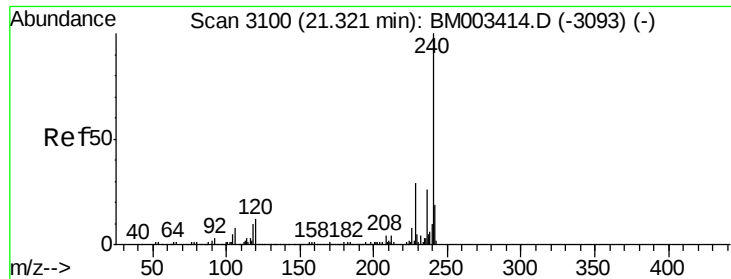
Tot Ion:149 Resp: 2098602  
Ion Ratio Lower Upper  
149 100  
150 8.6 7.5 11.3  
104 6.3 3.7 5.5#



#74  
Fluoranthene  
Concen: 42.68 ng  
RT: 19.30 min Scan# 2756  
Delta R.T. -0.01 min  
Lab File: BM009487.D  
Acq: 31 Mar 2017 23:09

Tgt Ion:202 Resp: 2484406  
Ion Ratio Lower Upper  
202 100  
101 9.4 0.0 28.7  
203 16.6 0.0 37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.42 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BM009487.D

Acq: 31 Mar 2017 23:09

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

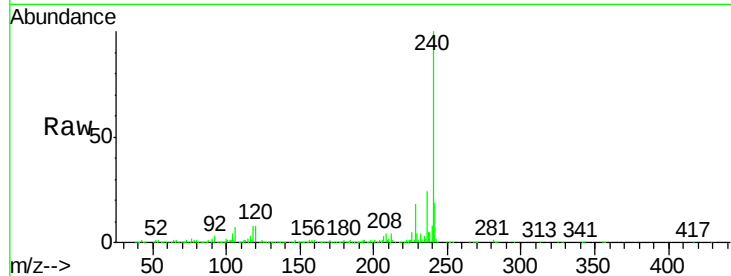
Tot Ion:240 Resp: 1156072

Ion Ratio Lower Upper

240 100

120 7.9 8.2 12.2#

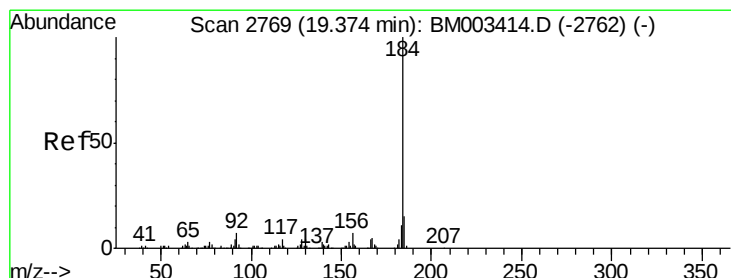
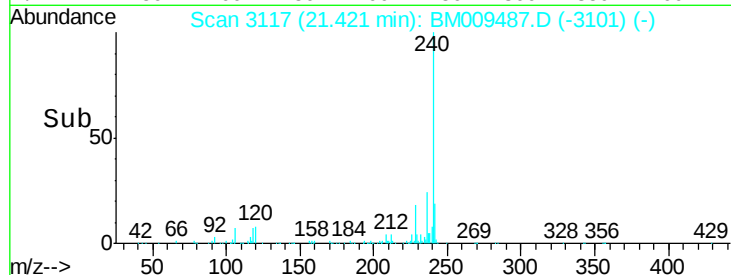
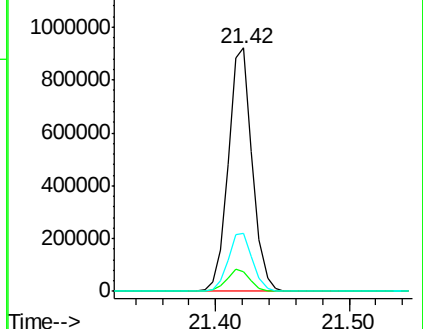
236 23.7 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.79 ng

RT: 19.49 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BM009487.D

Acq: 31 Mar 2017 23:09

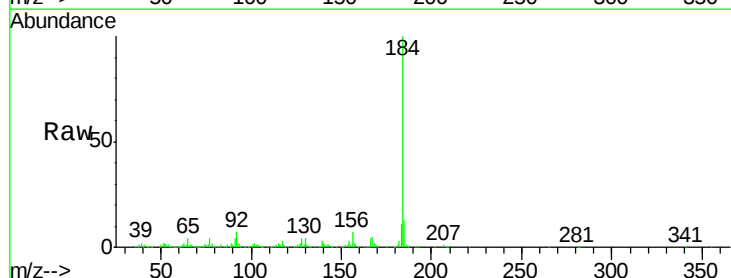
Tgt Ion:184 Resp: 1301899

Ion Ratio Lower Upper

184 100

185 13.3 11.3 16.9

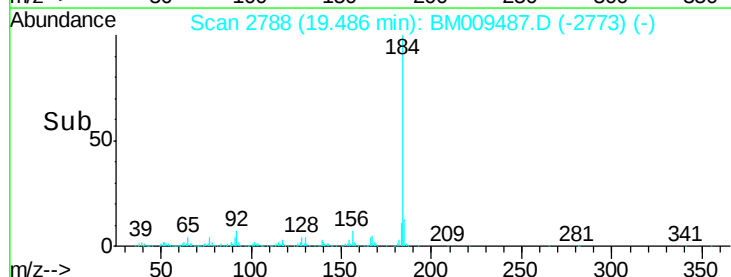
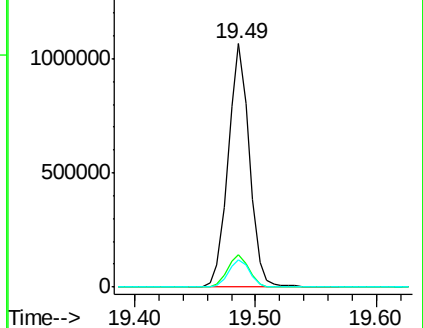
183 11.0 8.9 13.3

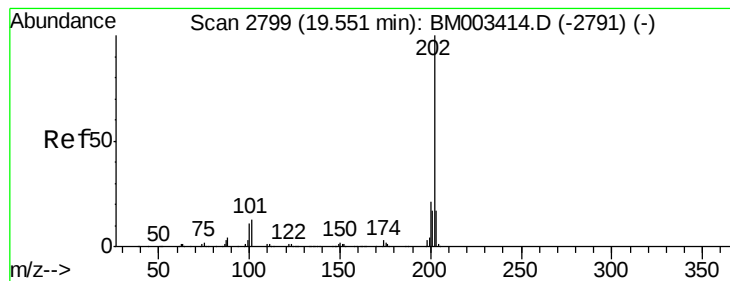


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.88 ng

RT: 19.66 min Scan# 2818

Delta R.T. -0.01 min

Lab File: BM009487.D

Acq: 31 Mar 2017 23:09

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

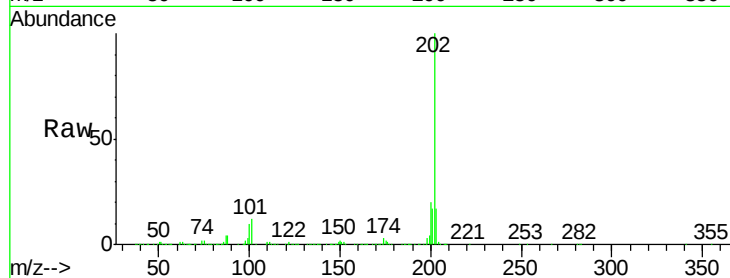
Tot Ion:202 Resp: 2615005

Ion Ratio Lower Upper

202 100

200 20.2 16.9 25.3

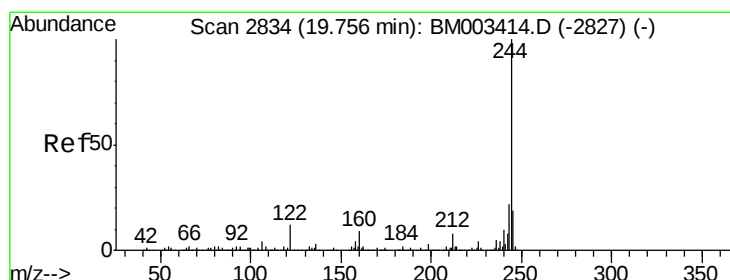
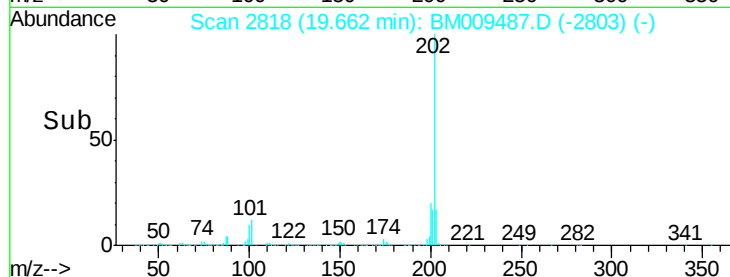
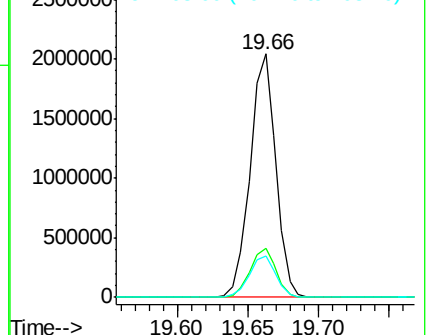
203 17.1 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 80.55 ng

RT: 19.86 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BM009487.D

Acq: 31 Mar 2017 23:09

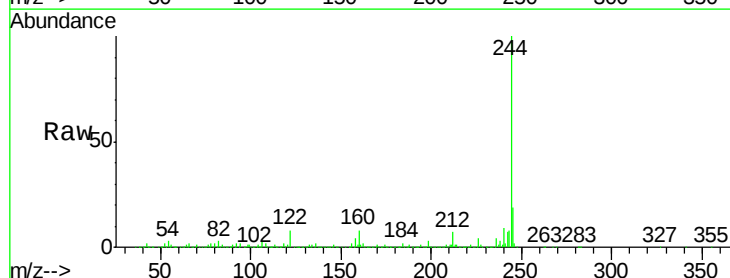
Tgt Ion:244 Resp: 4456175

Ion Ratio Lower Upper

244 100

212 7.1 4.9 7.3

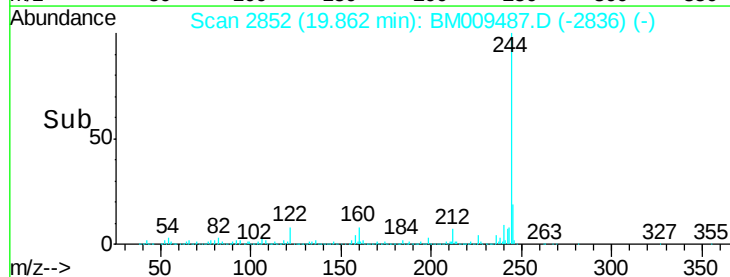
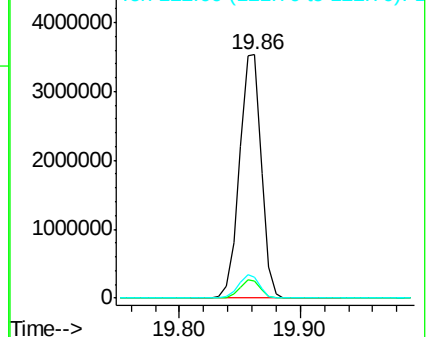
122 8.3 6.2 9.4

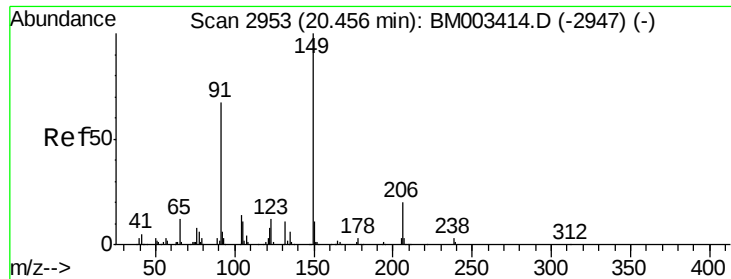


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

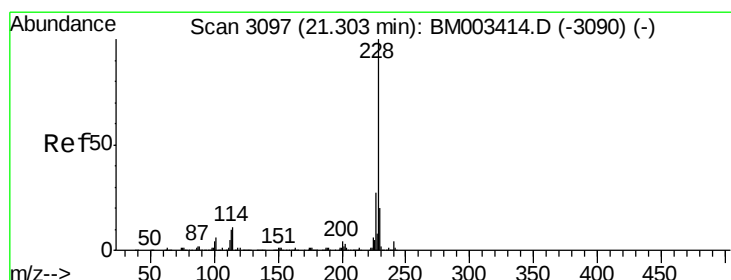
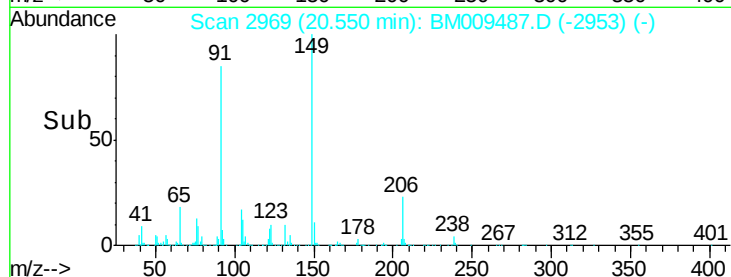
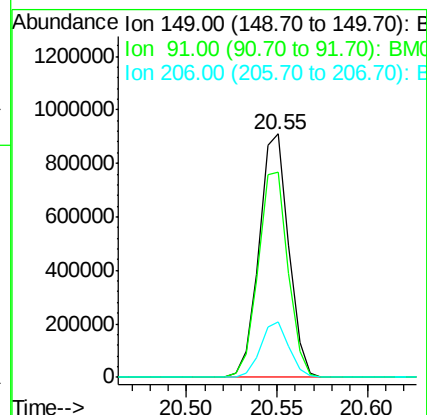
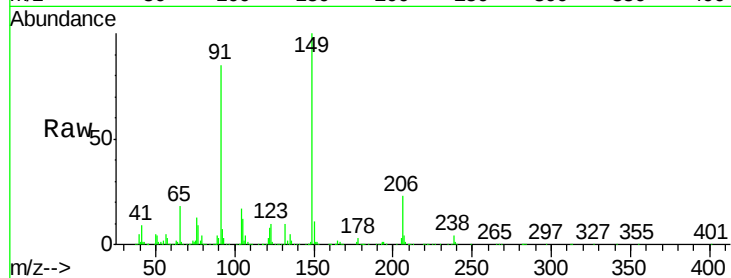




#79  
Butylbenzylphthalate  
Concen: 43.75 ng  
RT: 20.55 min Scan# 2969  
Delta R.T. -0.01 min  
Lab File: BM009487.D  
Acq: 31 Mar 2017 23:09

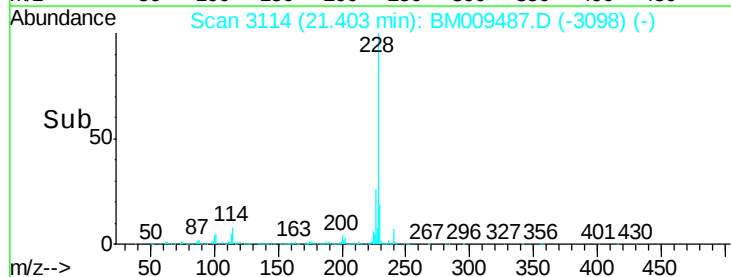
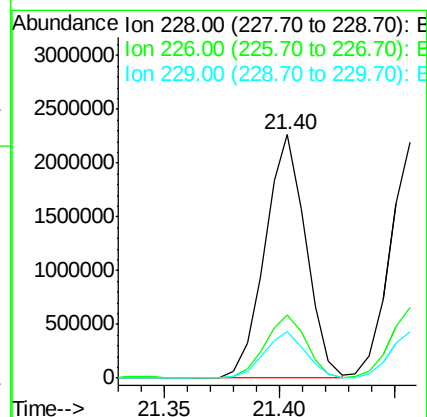
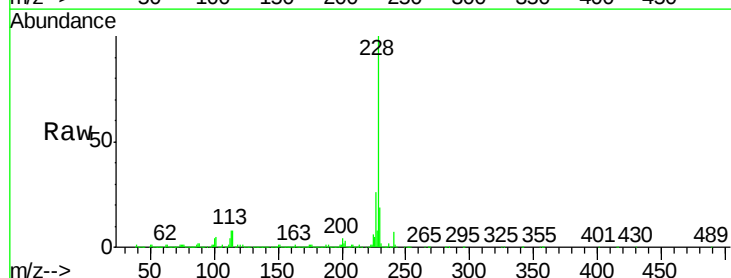
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

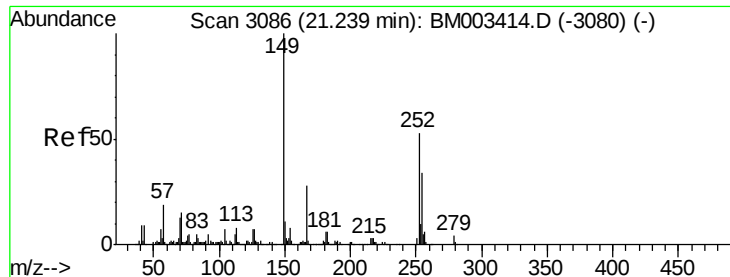
Tot Ion:149 Resp: 1032882  
Ion Ratio Lower Upper  
149 100  
91 84.5 50.1 75.1#  
206 23.0 16.2 24.2



#80  
Benzo(a)anthracene  
Concen: 41.20 ng  
RT: 21.40 min Scan# 3114  
Delta R.T. -0.01 min  
Lab File: BM009487.D  
Acq: 31 Mar 2017 23:09

Tgt Ion:228 Resp: 2781513  
Ion Ratio Lower Upper  
228 100  
226 25.9 21.7 32.5  
229 19.3 16.0 24.0

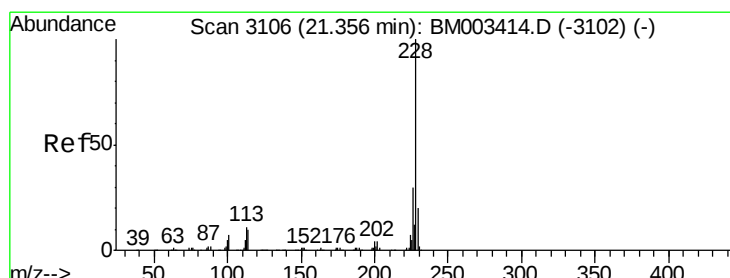
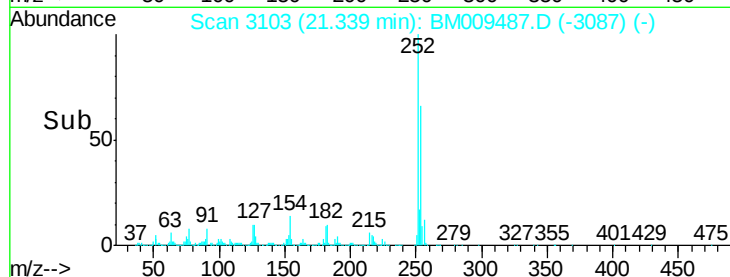
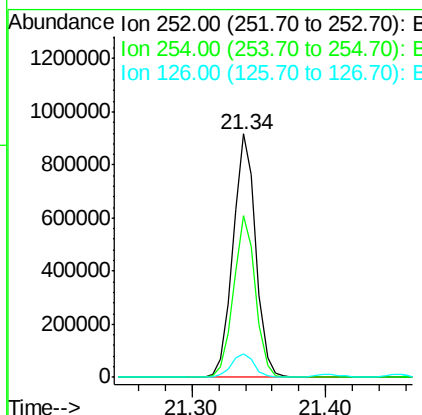
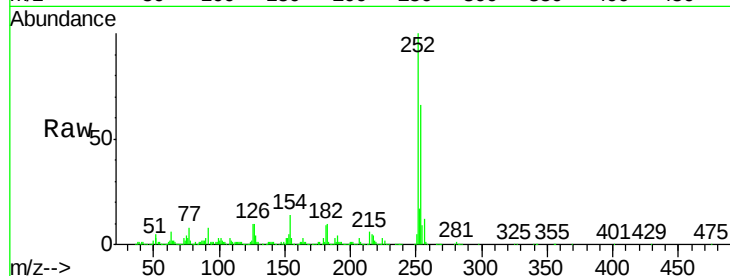




#81  
 3,3'-Dichlorobenzidine  
 Concen: 43.09 ng  
 RT: 21.34 min Scan# 3103  
 Delta R.T. -0.01 min  
 Lab File: BM009487.D  
 Acq: 31 Mar 2017 23:09

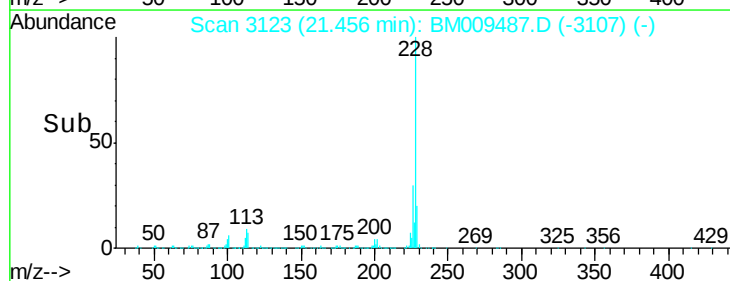
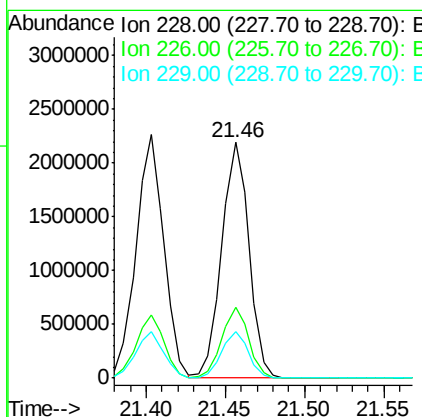
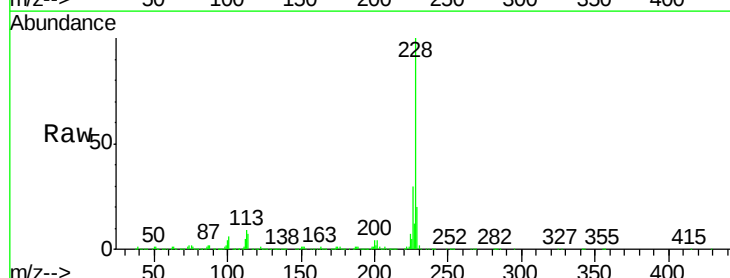
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

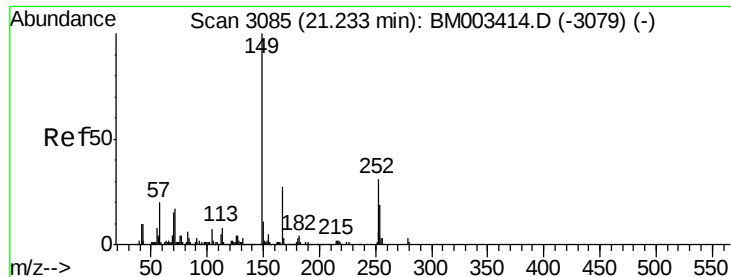
Tot Ion:252 Resp: 1089468  
 Ion Ratio Lower Upper  
 252 100  
 254 66.2 51.9 77.9  
 126 9.7 9.8 14.8#



#82  
 Chrysene  
 Concen: 40.54 ng  
 RT: 21.46 min Scan# 3123  
 Delta R.T. -0.01 min  
 Lab File: BM009487.D  
 Acq: 31 Mar 2017 23:09

Tgt Ion:228 Resp: 2613944  
 Ion Ratio Lower Upper  
 228 100  
 226 29.8 24.1 36.1  
 229 19.7 15.5 23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.11 ng

RT: 21.32 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM009487.D

Acq: 31 Mar 2017 23:09

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

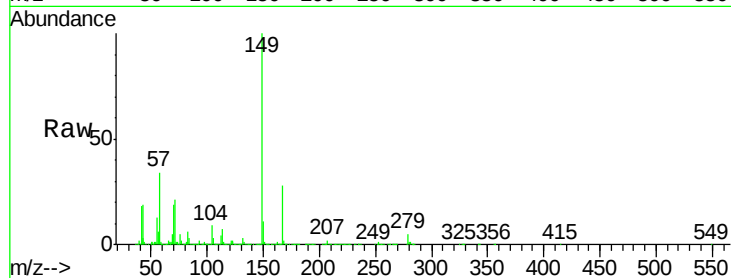
Tot Ion:149 Resp: 1519084

Ion Ratio Lower Upper

149 100

167 28.2 22.4 33.6

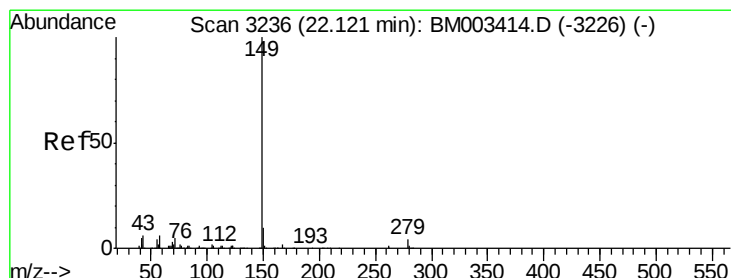
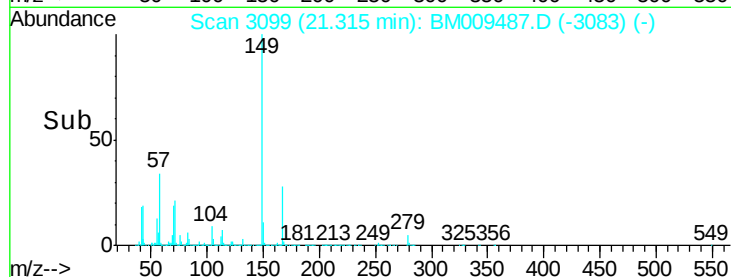
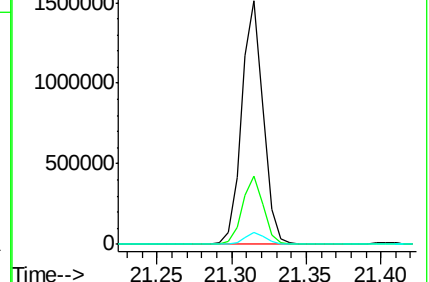
279 4.9 3.4 5.0



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



#84

Di-n-octyl phthalate

Concen: 44.48 ng

RT: 22.22 min Scan# 3252

Delta R.T. -0.01 min

Lab File: BM009487.D

Acq: 31 Mar 2017 23:09

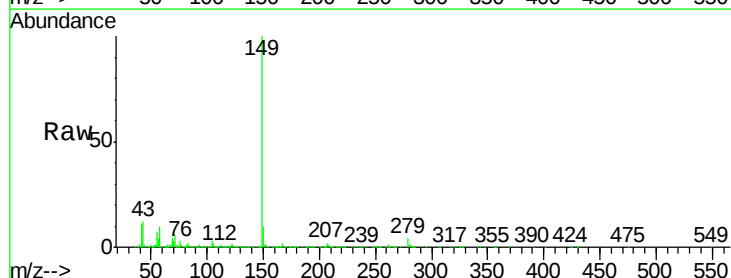
Tgt Ion:149 Resp: 2608103

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

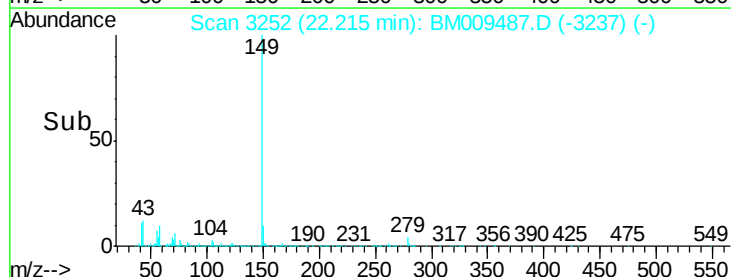
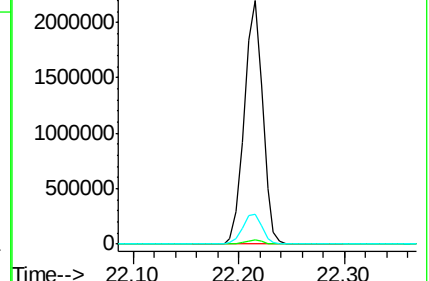
43 12.8 7.3 10.9#

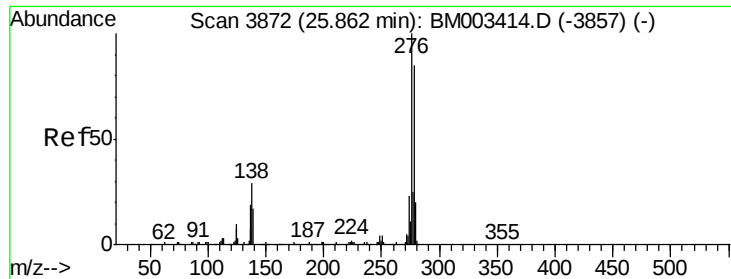


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0

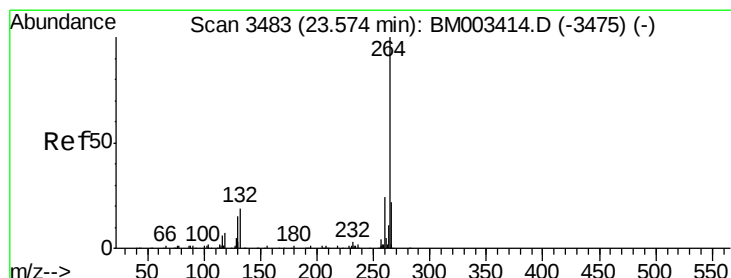
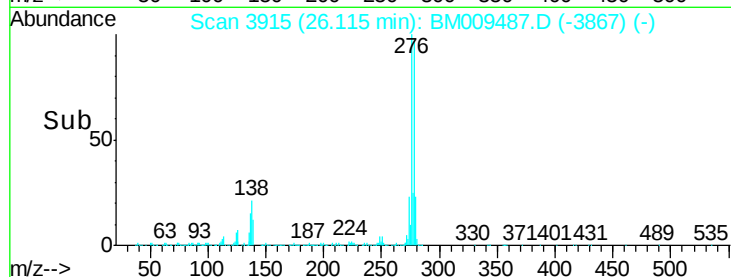
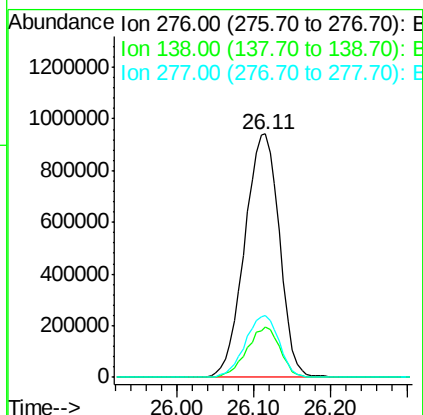
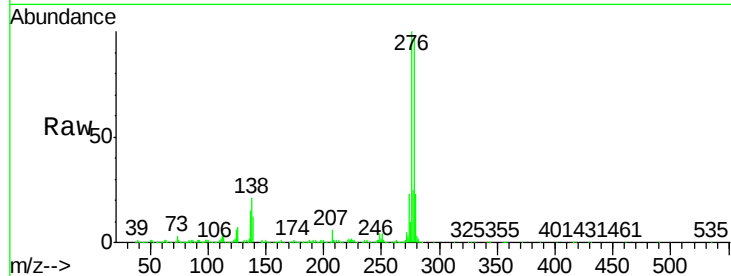




#85  
Indeno(1,2,3-cd)pyrene  
Concen: 42.36 ng  
RT: 26.11 min Scan# 3915  
Delta R.T. -0.02 min  
Lab File: BM009487.D  
Acq: 31 Mar 2017 23:09

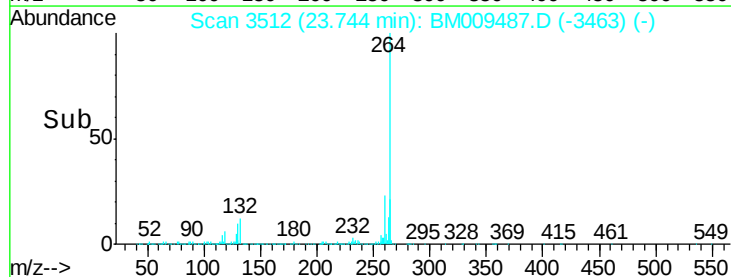
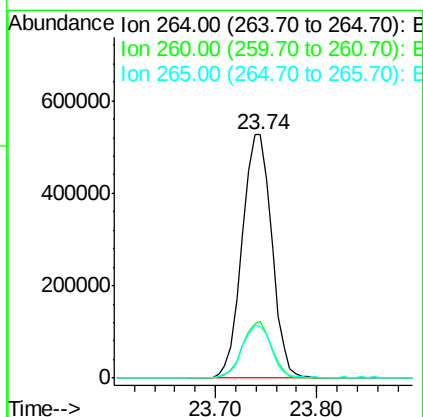
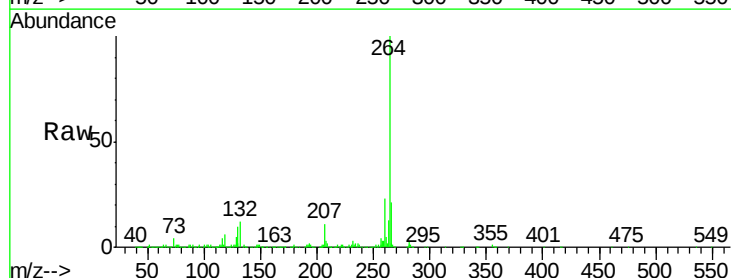
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

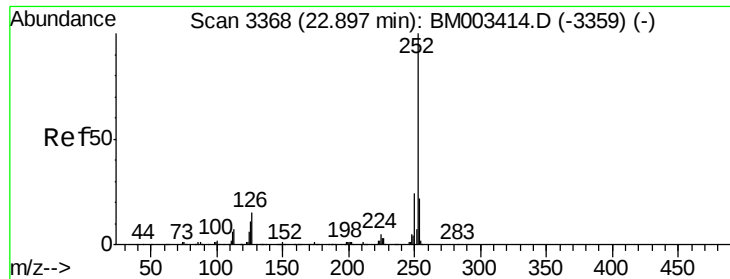
Tot Ion:276 Resp: 2978415  
Ion Ratio Lower Upper  
276 100  
138 19.9 0.0 0.0#  
277 24.9 0.0 0.0#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.74 min Scan# 3512  
Delta R.T. -0.01 min  
Lab File: BM009487.D  
Acq: 31 Mar 2017 23:09

Tgt Ion:264 Resp: 1072600  
Ion Ratio Lower Upper  
264 100  
260 23.1 18.6 27.8  
265 21.0 17.3 25.9

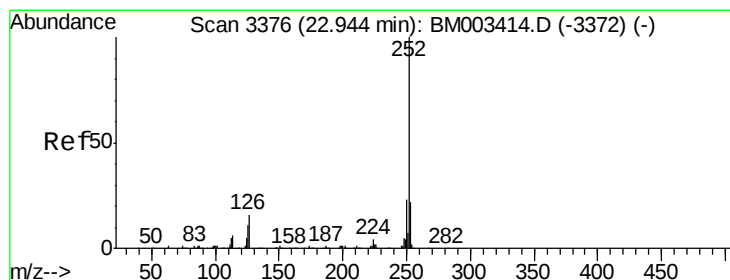
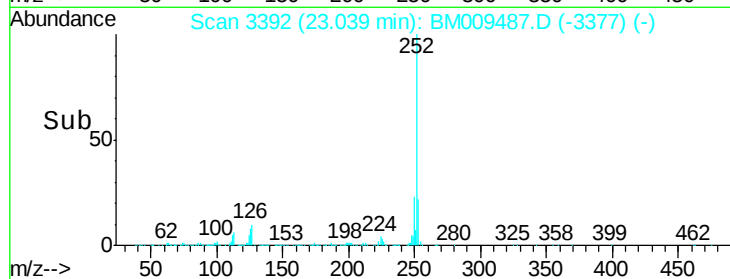
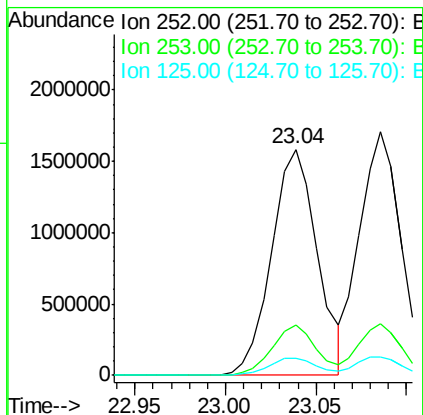
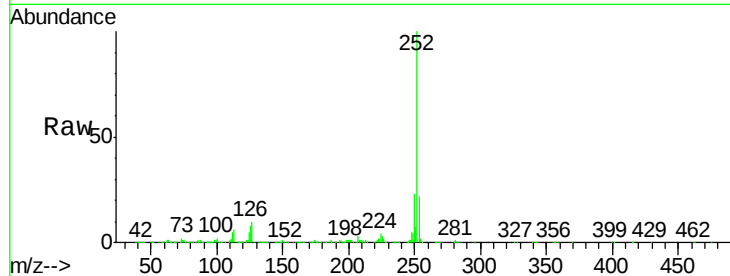




#87  
Benzo(b)fluoranthene  
Concen: 41.17 ng  
RT: 23.04 min Scan# 3392  
Delta R.T. -0.01 min  
Lab File: BM009487.D  
Acq: 31 Mar 2017 23:09

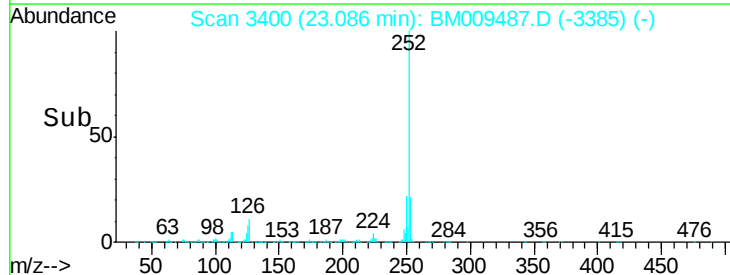
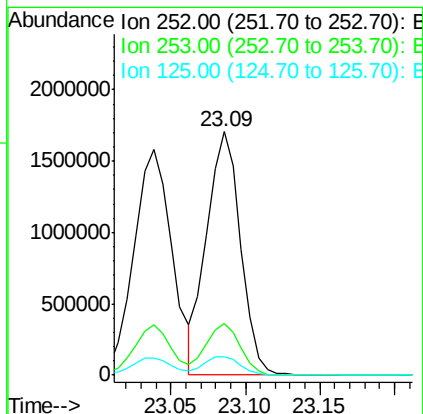
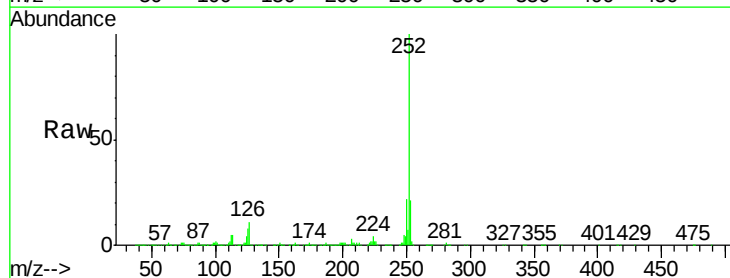
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

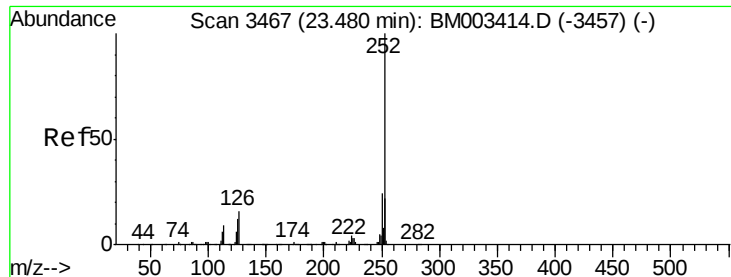
Tot Ion:252 Resp: 2798868  
Ion Ratio Lower Upper  
252 100  
253 22.0 18.0 27.0  
125 7.8 9.9 14.9#



#88  
Benzo(k)fluoranthene  
Concen: 41.07 ng  
RT: 23.09 min Scan# 3400  
Delta R.T. -0.01 min  
Lab File: BM009487.D  
Acq: 31 Mar 2017 23:09

Tgt Ion:252 Resp: 2685190  
Ion Ratio Lower Upper  
252 100  
253 21.3 17.2 25.8  
125 7.6 8.1 12.1#





#89

Benzo(a)pyrene

Concen: 41.43 ng

RT: 23.64 min Scan# 3494

Delta R.T. -0.02 min

Lab File: BM009487.D

Acq: 31 Mar 2017 23:09

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

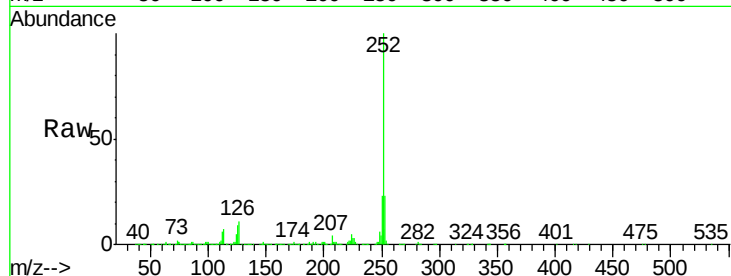
Tot Ion:252 Resp: 2608534

Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

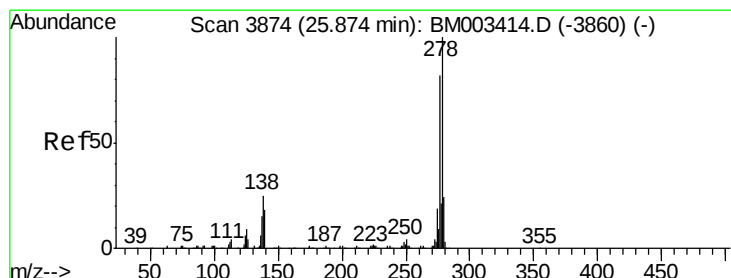
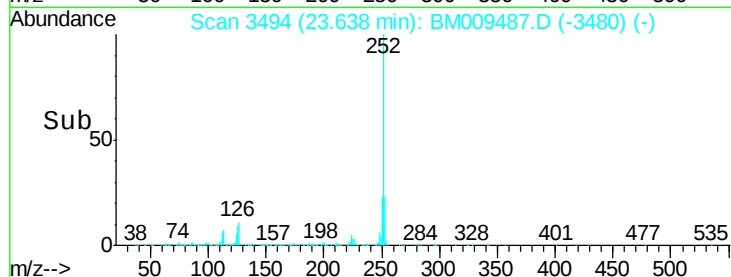
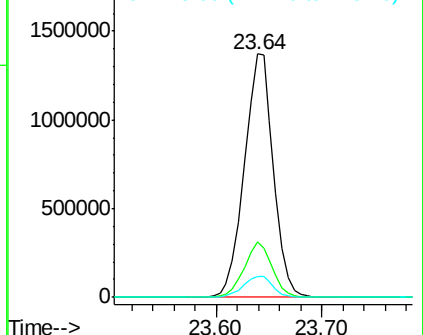
125 8.8 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.47 ng

RT: 26.12 min Scan# 3916

Delta R.T. -0.02 min

Lab File: BM009487.D

Acq: 31 Mar 2017 23:09

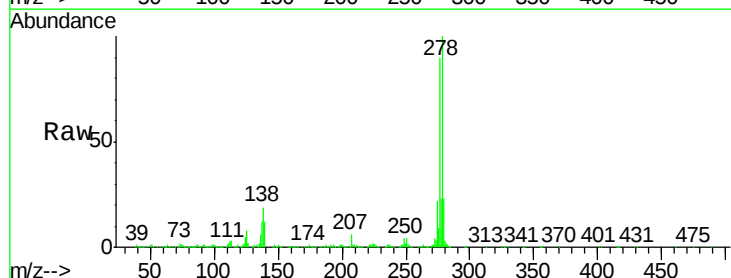
Tgt Ion:278 Resp: 2557595

Ion Ratio Lower Upper

278 100

139 12.1 13.4 20.0#

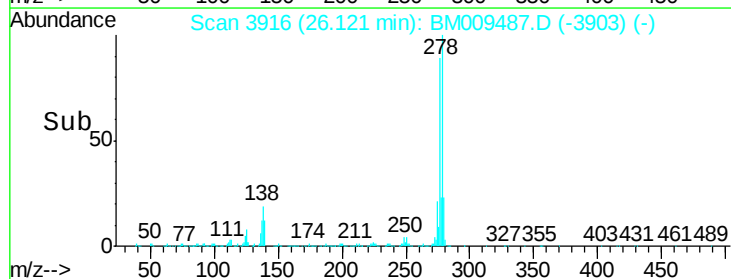
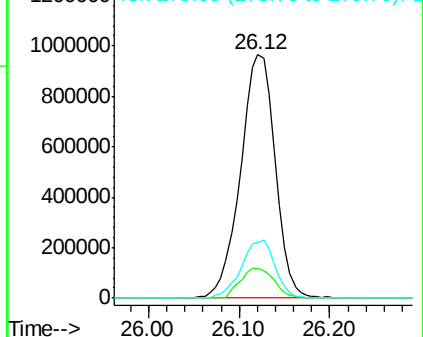
279 23.0 19.0 28.4

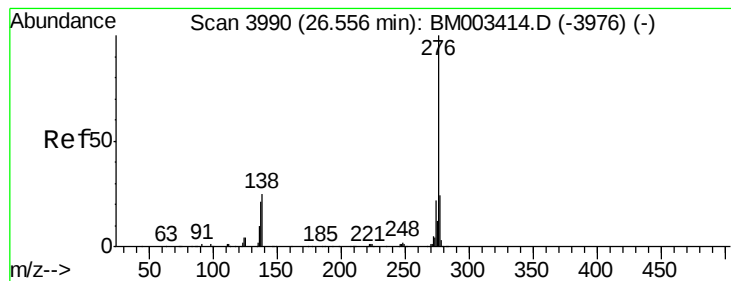


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 41.19 ng

RT: 26.84 min Scan# 4038

Delta R.T. -0.02 min

Lab File: BM009487.D

Acq: 31 Mar 2017 23:09

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 2476457

Ion Ratio Lower Upper

276 100

277 23.2 18.5 27.7

138 17.0 19.0 28.6#

