

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072617\  
 Data File : BM010964.D  
 Acq On : 26 Jul 2017 10:53  
 Operator : SJ/JU  
 Sample : SSTDICC2.5  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC2.5

Quant Time: Jul 26 15:10:35 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 26 13:34:33 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.39  | 152  | 173146   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.15 | 136  | 686120   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.05 | 164  | 495811   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 16.80 | 188  | 1328474  | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.03 | 240  | 1719600  | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 23.14 | 264  | 1633413  | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 5) 2-Fluorophenol           | 5.03  | 112  | 49600    | 4.75 | ng    | 0.00     |
| 7) Phenol-d6                | 6.58  | 99   | 66871    | 4.64 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 8.53  | 82   | 84821    | 4.75 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 15.55 | 330  | 36770    | 4.85 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 12.66 | 172  | 193665   | 4.86 | ng    | 0.00     |
| 78) Terphenyl-d14           | 19.47 | 244  | 406847   | 4.58 | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|-------|------|----------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 3.03  | 88   | 13080    | 2.836 | ng    | # 100  |
| 3) Pyridine                    | 3.43  | 79   | 29163    | 2.313 | ng    | # 78   |
| 4) n-Nitrosodimethylamine      | 3.33  | 42   | 14679    | 2.278 | ng    | # 60   |
| 6) Aniline                     | 6.73  | 93   | 43682    | 2.420 | ng    | 97     |
| 8) 2-Chlorophenol              | 6.96  | 128  | 23347    | 2.256 | ng    | 78     |
| 10) Phenol                     | 6.61  | 94   | 38244    | 2.510 | ng    | 90     |
| 11) bis(2-Chloroethyl)ether    | 6.84  | 93   | 29449    | 2.510 | ng    | 85     |
| 12) 1,3-Dichlorobenzene        | 7.28  | 146  | 32293    | 2.525 | ng    | # 79   |
| 13) 1,4-Dichlorobenzene        | 7.43  | 146  | 33071    | 2.506 | ng    | # 95   |
| 14) 1,2-Dichlorobenzene        | 7.73  | 146  | 31639    | 2.516 | ng    | # 87   |
| 15) Benzyl Alcohol             | 7.63  | 79   | 33700    | 2.470 | ng    | # 80   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.92  | 45   | 28081    | 2.760 | ng    | 71     |
| 17) 2-Methylphenol             | 7.85  | 107  | 24097    | 2.446 | ng    | # 80   |
| 18) Hexachloroethane           | 8.45  | 117  | 14510    | 2.621 | ng    | 90     |
| 19) n-Nitroso-di-n-propylamine | 8.19  | 70   | 30553    | 2.677 | ng    | # 77   |
| 20) 3+4-Methylphenols          | 8.16  | 107  | 33525    | 2.449 | ng    | # 66   |
| 22) Acetophenone               | 8.21  | 105  | 52109    | 2.522 | ng    | # 91   |
| 24) Nitrobenzene               | 8.58  | 77   | 45937    | 2.511 | ng    | # 80   |
| 25) Isophorone                 | 9.10  | 82   | 74494    | 2.547 | ng    | # 83   |
| 26) 2-Nitrophenol              | 9.28  | 139  | 13421    | 2.205 | ng    | # 19   |
| 27) 2,4-Dimethylphenol         | 9.35  | 122  | 24888    | 2.291 | ng    | # 61   |
| 28) bis(2-Chloroethoxy)methane | 9.59  | 93   | 44141    | 2.693 | ng    | # 92   |
| 29) 2,4-Dichlorophenol         | 9.81  | 162  | 27303    | 2.225 | ng    | 92     |
| 30) 1,2,4-Trichlorobenzene     | 10.02 | 180  | 37256    | 2.483 | ng    | 99     |
| 31) Naphthalene                | 10.20 | 128  | 86061    | 2.467 | ng    | 96     |
| 33) 4-Chloroaniline            | 10.32 | 127  | 31847    | 2.266 | ng    | # 81   |
| 34) Hexachlorobutadiene        | 10.49 | 225  | 28516    | 2.449 | ng    | 95     |
| 35) Caprolactam                | 11.09 | 113  | 8522     | 2.608 | ng    | # 87   |
| 36) 4-Chloro-3-methylphenol    | 11.46 | 107  | 35416    | 2.386 | ng    | 89     |
| 37) 2-Methylnaphthalene        | 11.83 | 142  | 60811    | 2.427 | ng    | # 70   |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.21 | 216  | 51800    | 2.397 | ng    | # 100  |
| 40) Hexachlorocyclopentadiene  | 12.19 | 237  | 25981    | 2.097 | ng    | 85     |
| 42) 2,4,6-Trichlorophenol      | 12.46 | 196  | 28243    | 2.122 | ng    | 94     |
| 43) 2,4,5-Trichlorophenol      | 12.53 | 196  | 29848    | 2.272 | ng    | # 82   |

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 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

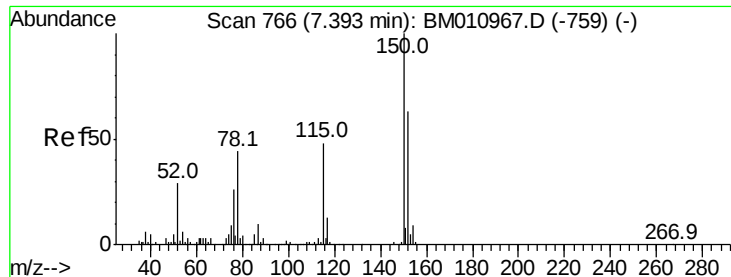
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC2.5

Quant Time: Jul 26 15:10:35 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M  
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 QLast Update : Wed Jul 26 13:34:33 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 45) 1,1'-Biphenyl              | 12.87 | 154  | 102273   | 2.368 | nq    | 89       |
| 46) 2-Chloronaphthalene        | 12.90 | 162  | 76231    | 2.407 | nq #  | 92       |
| 47) 2-Nitroaniline             | 13.13 | 65   | 23323    | 2.240 | nq #  | 64       |
| 48) Acenaphthylene             | 13.76 | 152  | 104742   | 2.223 | nq    | 96       |
| 49) Dimethylphthalate          | 13.52 | 163  | 108536   | 2.573 | nq #  | 96       |
| 50) 2,6-Dinitrotoluene         | 13.64 | 165  | 18561    | 2.243 | nq #  | 75       |
| 51) Acenaphthene               | 14.12 | 154  | 70777    | 2.459 | nq    | 92       |
| 52) 3-Nitroaniline             | 13.97 | 138  | 16843    | 2.239 | nq #  | 77       |
| 54) Dibenzofuran               | 14.45 | 168  | 116701   | 2.506 | nq #  | 90       |
| 55) 4-Nitrophenol              | 14.29 | 139  | 14047    | 2.150 | nq #  | 8        |
| 56) 2,4-Dinitrotoluene         | 14.43 | 165  | 24001    | 2.091 | nq #  | 58       |
| 57) Fluorene                   | 15.10 | 166  | 97833    | 2.444 | nq    | 88       |
| 58) 2,3,4,6-Tetrachlorophenol  | 14.69 | 232  | 28027    | 2.296 | nq #  | 100      |
| 59) Diethylphthalate           | 14.90 | 149  | 107616   | 2.583 | nq    | 93       |
| 60) 4-Chlorophenyl-phenylether | 15.12 | 204  | 61814    | 2.514 | nq    | 93       |
| 61) 4-Nitroaniline             | 15.13 | 138  | 18636    | 2.371 | nq #  | 1        |
| 62) Azobenzene                 | 15.40 | 77   | 108108   | 2.556 | nq    | 89       |
| 64) 4,6-Dinitro-2-methylphenol | 15.19 | 198  | 18989    | 2.168 | nq    | 88       |
| 65) n-Nitrosodiphenylamine     | 15.33 | 169  | 91305    | 2.402 | nq    | 93       |
| 66) 4-Bromophenyl-phenylether  | 16.01 | 248  | 41651    | 2.474 | nq #  | 89       |
| 67) Hexachlorobenzene          | 16.11 | 284  | 47248    | 2.454 | nq #  | 89       |
| 68) Atrazine                   | 16.29 | 200  | 34396    | 2.185 | nq    | 93       |
| 69) Pentachlorophenol          | 16.46 | 266  | 25460    | 2.063 | nq    | 89       |
| 70) Phenanthrene               | 16.84 | 178  | 167970   | 2.430 | nq    | 99       |
| 71) Anthracene                 | 16.94 | 178  | 162715   | 2.372 | nq    | 99       |
| 72) Carbazole                  | 17.22 | 167  | 141930   | 2.349 | nq    | 98       |
| 73) Di-n-butylphthalate        | 17.80 | 149  | 161201   | 2.255 | nq #  | 99       |
| 74) Fluoranthene               | 18.88 | 202  | 214256   | 2.503 | nq    | 97       |
| 77) Pvrene                     | 19.24 | 202  | 222710   | 2.234 | nq    | 97       |
| 80) Benzo(a)anthracene         | 21.01 | 228  | 237541   | 2.384 | nq    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 20.96 | 252  | 83141    | 2.122 | nq #  | 98       |
| 82) Chrysene                   | 21.06 | 228  | 238284   | 2.511 | nq    | 96       |
| 83) Bis(2-ethylhexyl)phthalate | 20.97 | 149  | 107578   | 2.117 | nq    | 93       |
| 84) Di-n-octyl phthalate       | 21.82 | 149  | 188936   | 2.269 | nq    | 98       |
| 85) Indeno(1,2,3-cd)pvrene     | 25.21 | 276  | 267683   | 2.460 | nq #  | 100      |
| 87) Benzo(b)fluoranthene       | 22.52 | 252  | 237102   | 2.285 | nq #  | 92       |
| 88) Benzo(k)fluoranthene       | 22.56 | 252  | 234693   | 2.368 | nq #  | 96       |
| 89) Benzo(a)pyrene             | 23.04 | 252  | 222283   | 2.354 | nq #  | 94       |
| 90) Dibenzo(a,h)anthracene     | 25.23 | 278  | 230799   | 2.518 | nq #  | 95       |
| 91) Benzo(g,h,i)perylene       | 25.83 | 276  | 228257   | 2.533 | nq #  | 83       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.39 min Scan# 766

Delta R.T. 0.00 min

Lab File: BM010964.D

Acq: 26 Jul 2017 10:53

Instrument :

BNA\_M

ClientSampleId :

SSTDIC2.5

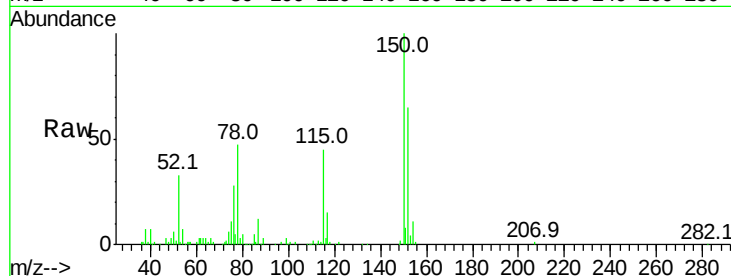
Tot Ion:152 Resp: 173146

Ion Ratio Lower Upper

152 100

150 153.3 119.5 179.3

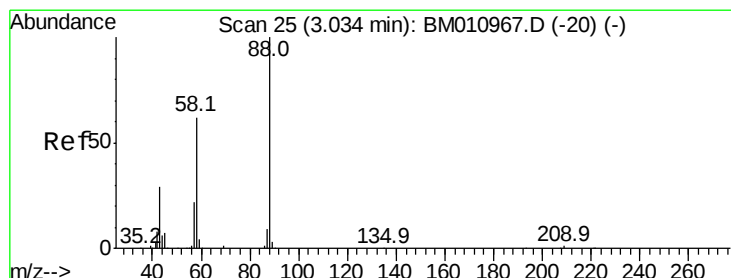
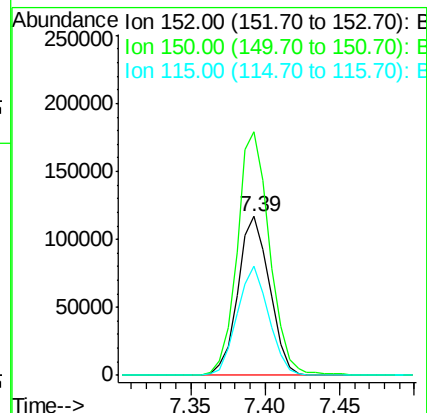
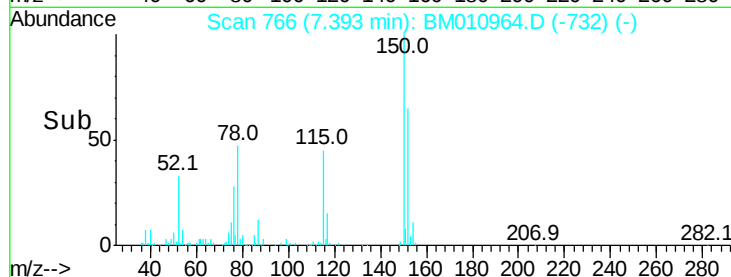
115 69.0 43.0 64.4#



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: 2.836 ng

RT: 3.03 min Scan# 25

Delta R.T. 0.00 min

Lab File: BM010964.D

Acq: 26 Jul 2017 10:53

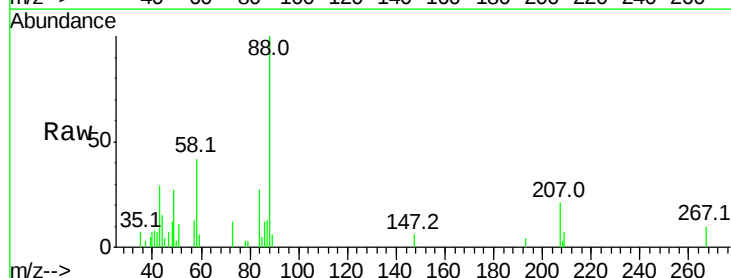
Tgt Ion: 88 Resp: 13080

Ion Ratio Lower Upper

88 100

58 51.3 0.0 0.0#

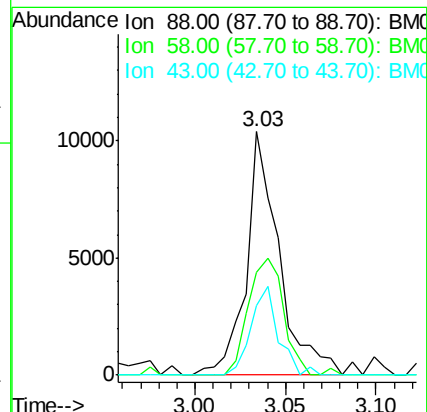
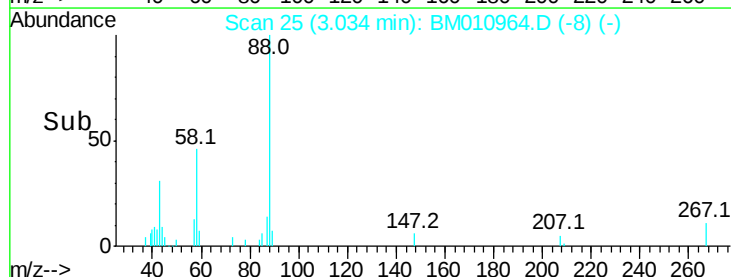
43 30.3 0.0 0.0#

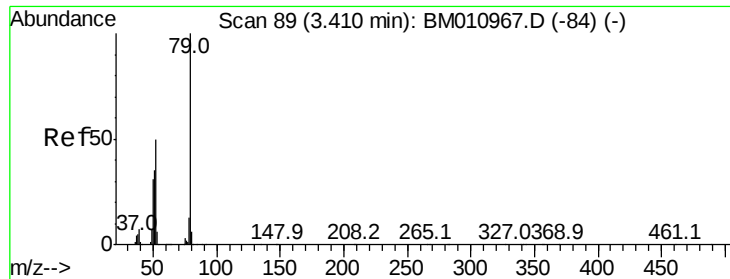


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0

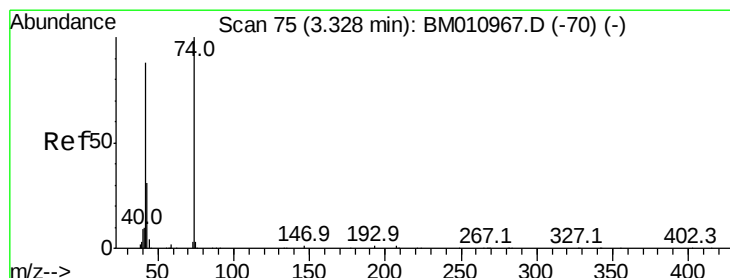
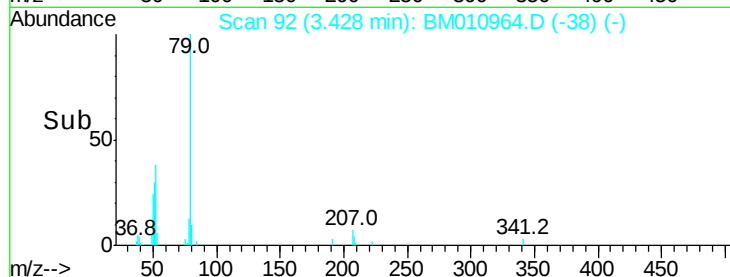
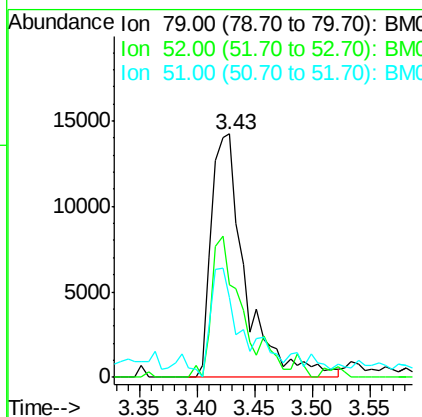
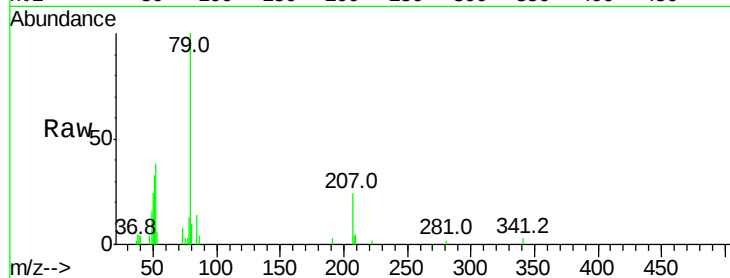




#3  
 Pvridine  
 Concen: 2.313 ng  
 RT: 3.43 min Scan# 92  
 Delta R.T. 0.02 min  
 Lab File: BM010964.D  
 Acq: 26 Jul 2017 10:53

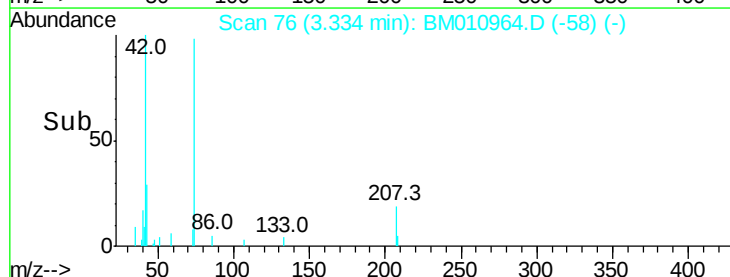
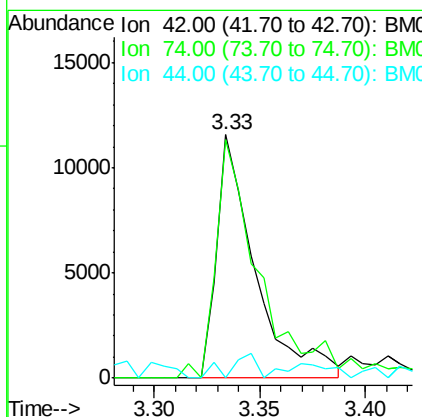
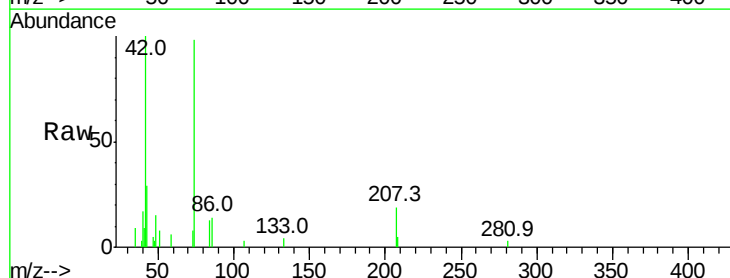
Instrument :  
 BNA\_M  
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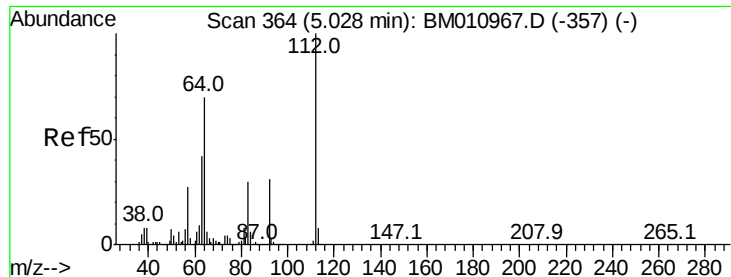
Tot Ion: 79 Resp: 29163  
 Ion Ratio Lower Upper  
 79 100  
 52 37.9 51.1 76.7#  
 51 32.8 26.1 39.1



#4  
 n-Nitrosodimethylamine  
 Concen: 2.278 ng  
 RT: 3.33 min Scan# 76  
 Delta R.T. 0.01 min  
 Lab File: BM010964.D  
 Acq: 26 Jul 2017 10:53

Tgt Ion: 42 Resp: 14679  
 Ion Ratio Lower Upper  
 42 100  
 74 97.8 119.3 178.9#  
 44 0.0 5.4 8.2#





#5

2-Fluorophenol

Concen: 4.745 ng

RT: 5.03 min Scan# 364

Delta R.T. 0.00 min

Lab File: BM010964.D

Acq: 26 Jul 2017 10:53

Instrument :

BNA\_M

ClientSampleId :

SSTDICC2.5

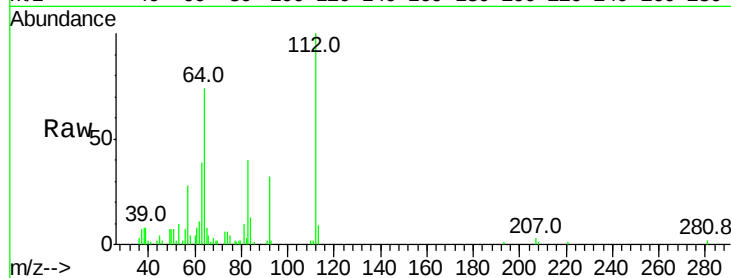
Tot Ion:112 Resp: 49600

Ion Ratio Lower Upper

112 100

64 74.5 38.6 57.8#

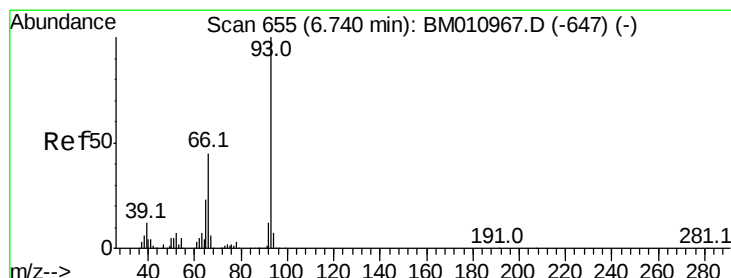
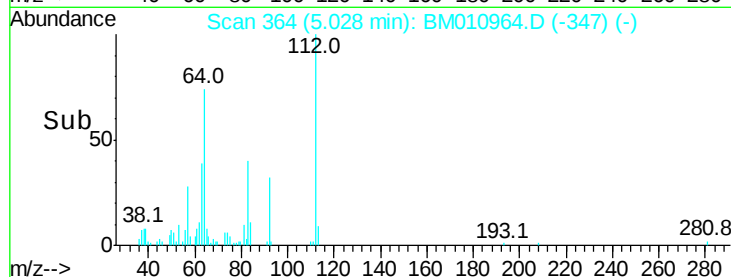
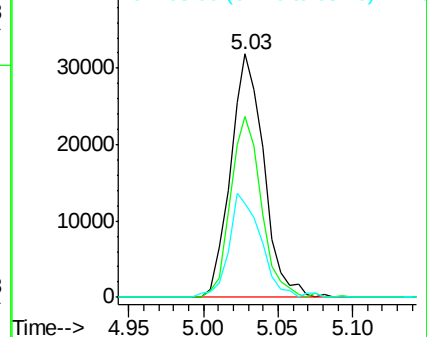
63 38.8 19.3 28.9#



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: 2.420 ng

RT: 6.73 min Scan# 654

Delta R.T. -0.01 min

Lab File: BM010964.D

Acq: 26 Jul 2017 10:53

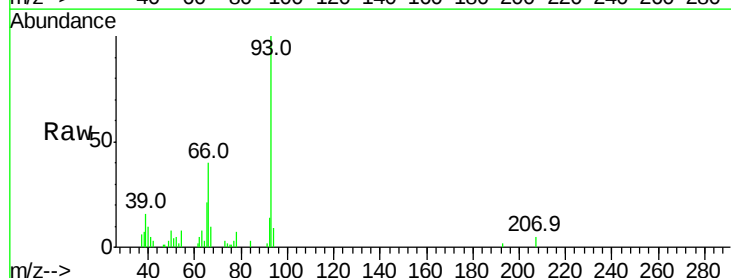
Tgt Ion: 93 Resp: 43682

Ion Ratio Lower Upper

93 100

66 40.2 30.8 46.2

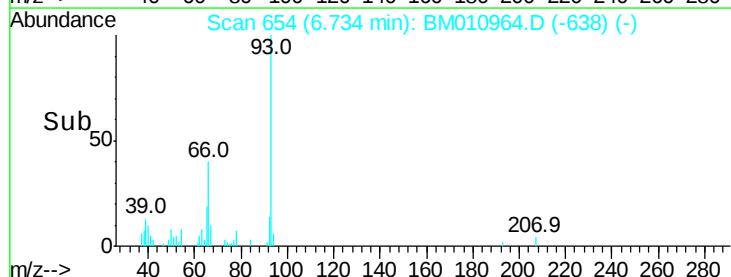
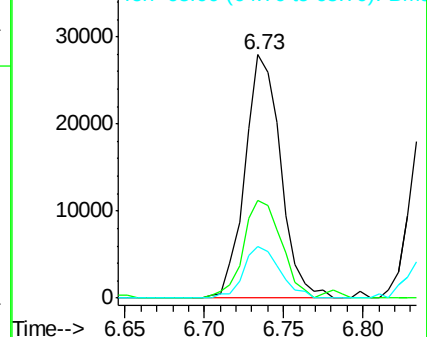
65 21.1 16.0 24.0

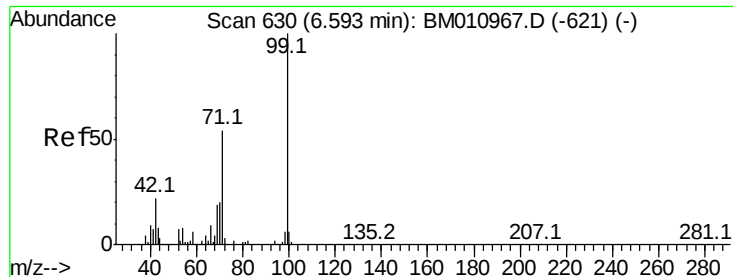


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 4.641 ng

RT: 6.58 min Scan# 628

Delta R.T. -0.01 min

Lab File: BM010964.D

Acq: 26 Jul 2017 10:53

Instrument :

BNA\_M

ClientSampleId :

SSTDICC2.5

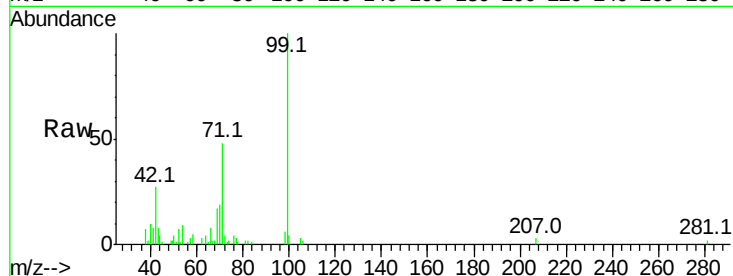
Tot Ion: 99 Resp: 66871

Ion Ratio Lower Upper

99 100

42 26.9 11.0 16.4#

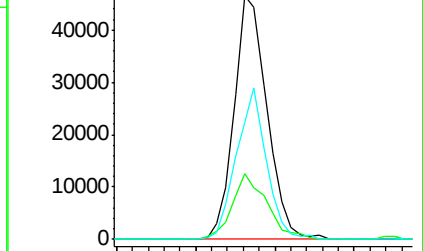
71 48.2 23.4 35.2#



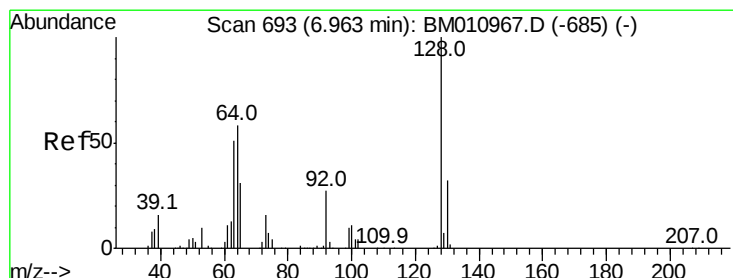
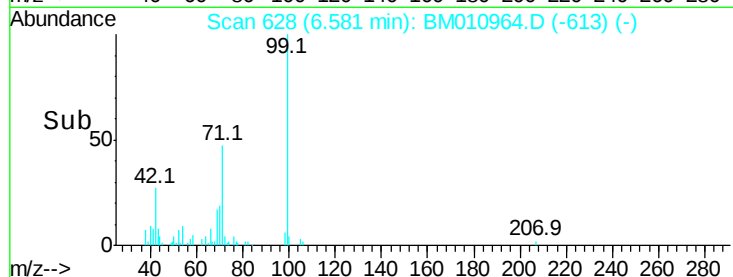
Abundance Ion 99.00 (98.70 to 99.70): BM010967.D (-621) (-)

Ion 42.00 (41.70 to 42.70): BM010967.D (-621) (-)

Ion 71.00 (70.70 to 71.70): BM010967.D (-621) (-)



Time--> 6.50 6.55 6.60 6.65



#8

2-Chlorophenol

Concen: 2.256 ng

RT: 6.96 min Scan# 693

Delta R.T. 0.00 min

Lab File: BM010964.D

Acq: 26 Jul 2017 10:53

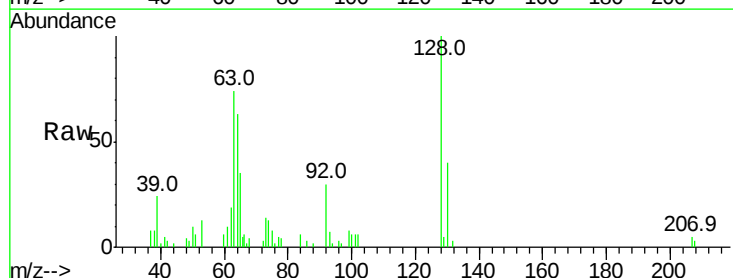
Tgt Ion: 128 Resp: 23347

Ion Ratio Lower Upper

128 100

130 40.2 12.0 52.0

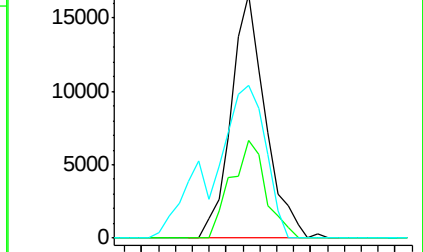
64 62.8 24.9 64.9



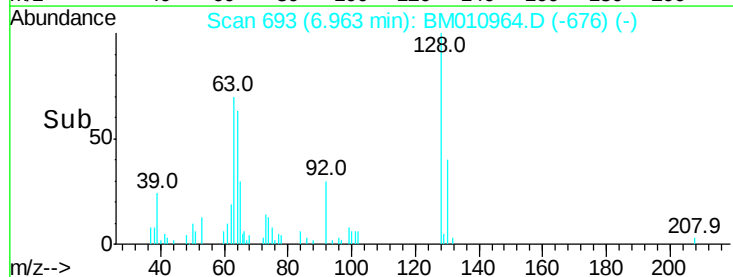
Abundance Ion 128.00 (127.70 to 128.70): BM010967.D (-685) (-)

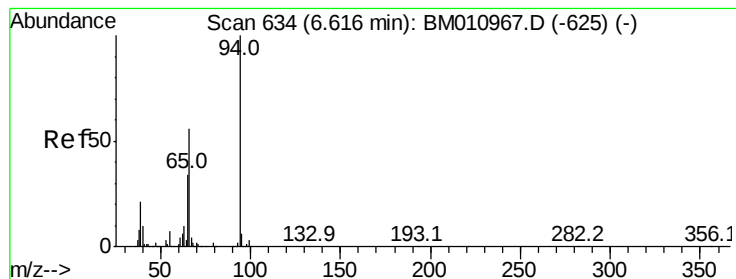
Ion 130.00 (129.70 to 130.70): BM010967.D (-685) (-)

Ion 64.00 (63.70 to 64.70): BM010967.D (-685) (-)



Time--> 6.90 6.95 7.00





#10

Phenol

Concen: 2.510 ng

RT: 6.61 min Scan# 633

Delta R.T. -0.01 min

Lab File: BM010964.D

Acq: 26 Jul 2017 10:53

Instrument :

BNA\_M

ClientSampleId :

SSTDICC2.5

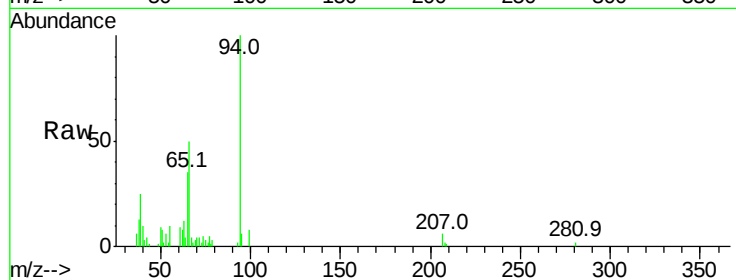
Tot Ion: 94 Resp: 38244

Ion Ratio Lower Upper

94 100

65 35.4 18.8 58.8

66 50.0 39.9 79.9



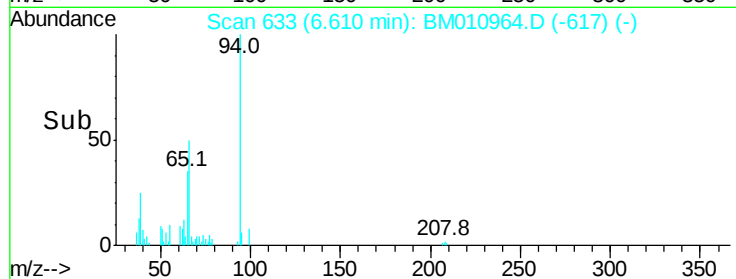
Abundance Ion 94.00 (93.70 to 94.70): BM010964.D (-617) (-)

Ion 65.00 (64.70 to 65.70): BM010964.D (-617) (-)

Ion 66.00 (65.70 to 66.70): BM010964.D (-617) (-)

6.61

Time-->



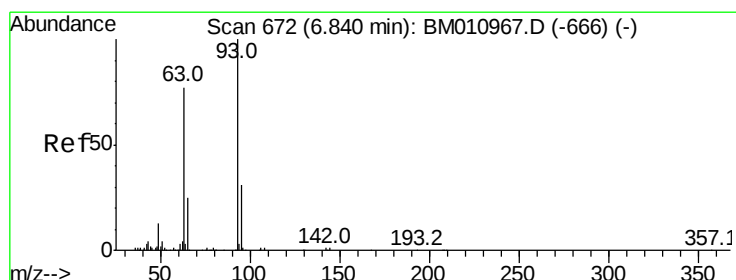
Abundance Ion 93.00 (92.70 to 93.70): BM010967.D (-666) (-)

Ion 63.00 (62.70 to 63.70): BM010967.D (-666) (-)

Ion 95.00 (94.70 to 95.70): BM010967.D (-666) (-)

6.84

Time-->



#11

bis(2-Chloroethyl)ether

Concen: 2.510 ng

RT: 6.84 min Scan# 672

Delta R.T. 0.00 min

Lab File: BM010964.D

Acq: 26 Jul 2017 10:53

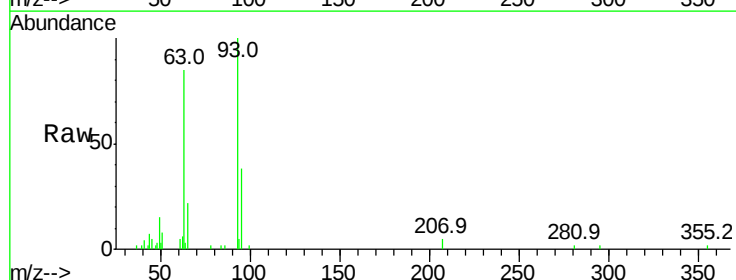
Tgt Ion: 93 Resp: 29449

Ion Ratio Lower Upper

93 100

63 85.2 49.5 89.5

95 37.9 13.5 53.5



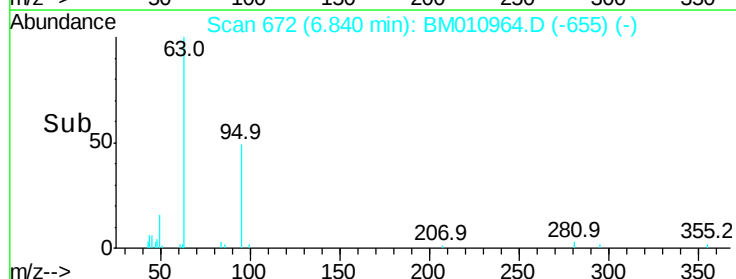
Abundance Ion 93.00 (92.70 to 93.70): BM010964.D (-655) (-)

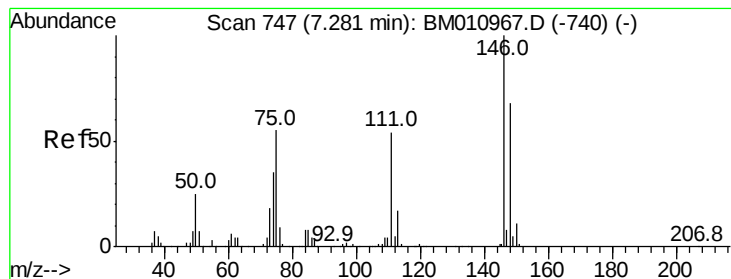
Ion 63.00 (62.70 to 63.70): BM010964.D (-655) (-)

Ion 95.00 (94.70 to 95.70): BM010964.D (-655) (-)

6.84

Time-->





#12

1,3-Dichlorobenzene

Concen: 2.525 ng

RT: 7.28 min Scan# 747

Delta R.T. 0.00 min

Lab File: BM010964.D

Acq: 26 Jul 2017 10:53

Instrument :

BNA\_M

ClientSampleId :

SSTDICC2.5

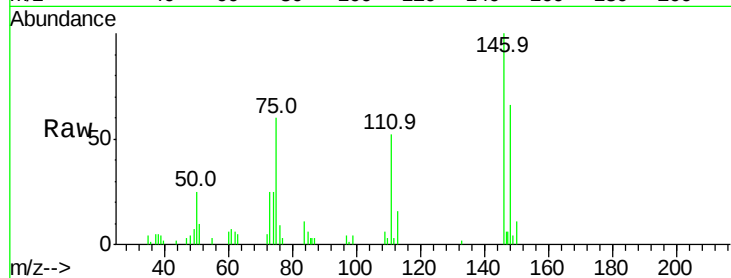
Tot Ion:146 Resp: 32293

Ion Ratio Lower Upper

146 100

148 65.7 50.9 76.3

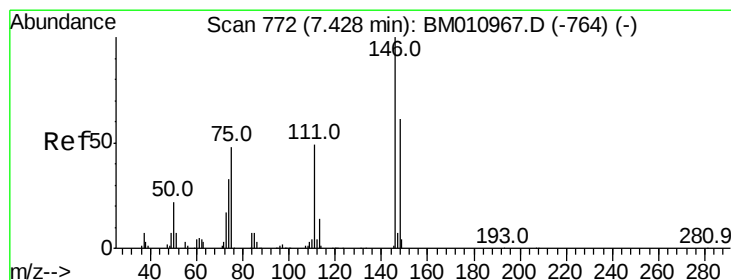
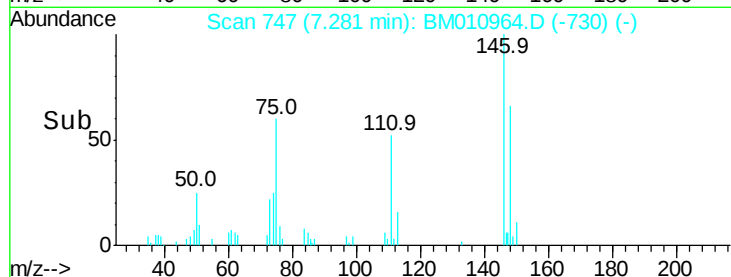
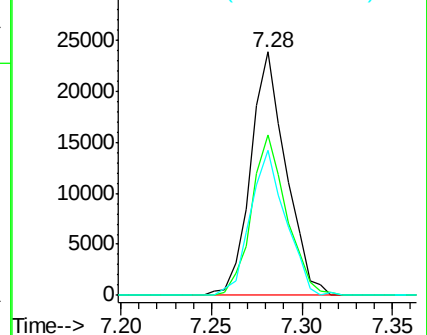
75 59.8 21.4 32.2#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BM



#13

1,4-Dichlorobenzene

Concen: 2.506 ng

RT: 7.43 min Scan# 772

Delta R.T. 0.00 min

Lab File: BM010964.D

Acq: 26 Jul 2017 10:53

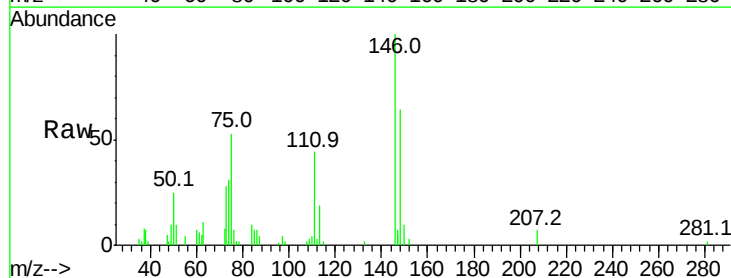
Tgt Ion:146 Resp: 33071

Ion Ratio Lower Upper

146 100

148 64.4 51.9 77.9

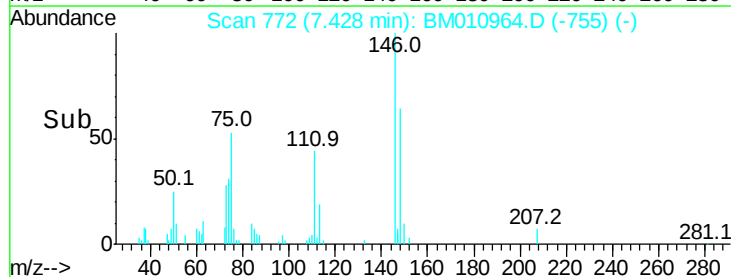
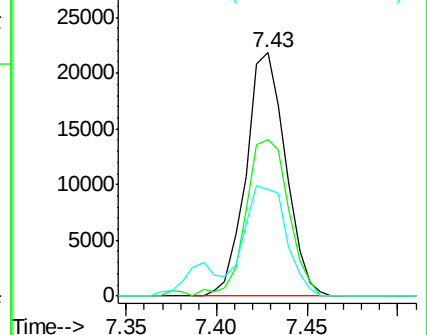
111 43.9 29.2 43.8#

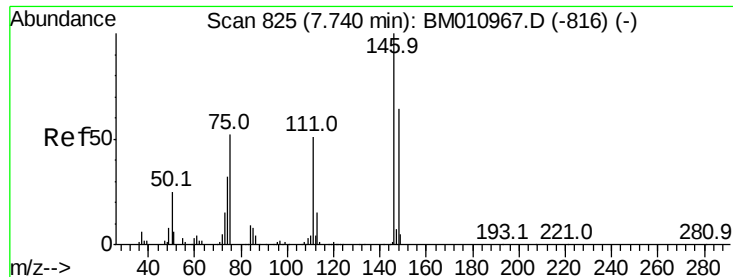


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

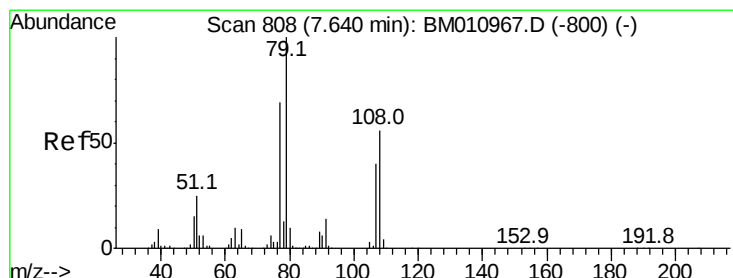
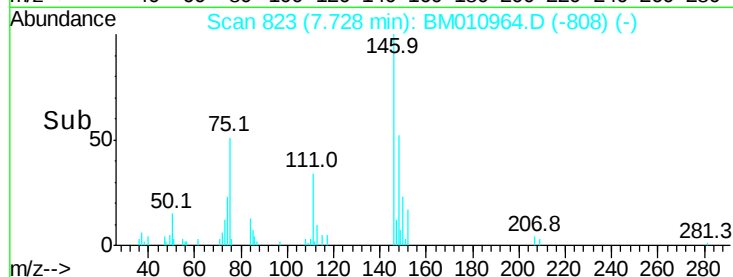
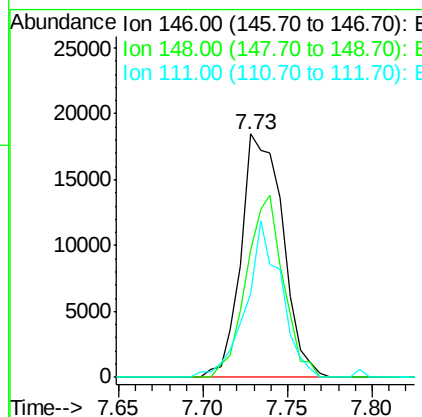
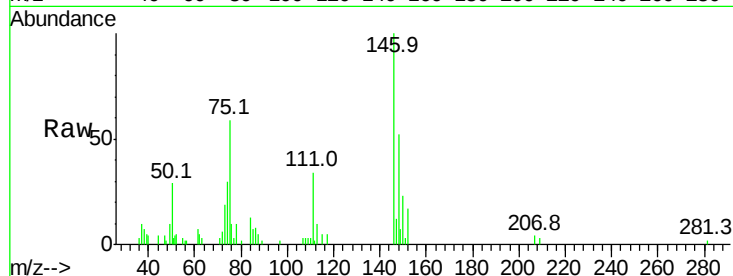




#14  
 1,2-Dichlorobenzene  
 Concen: 2.516 ng  
 RT: 7.73 min Scan# 823  
 Delta R.T. -0.01 min  
 Lab File: BM010964.D  
 Acq: 26 Jul 2017 10:53

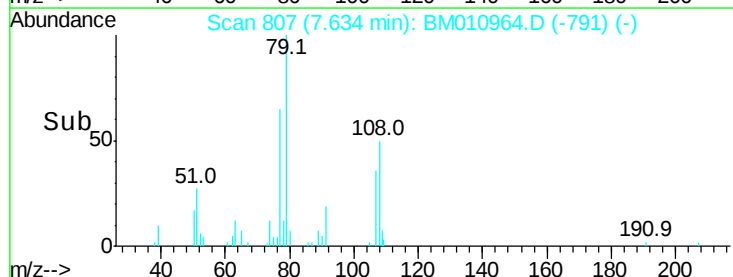
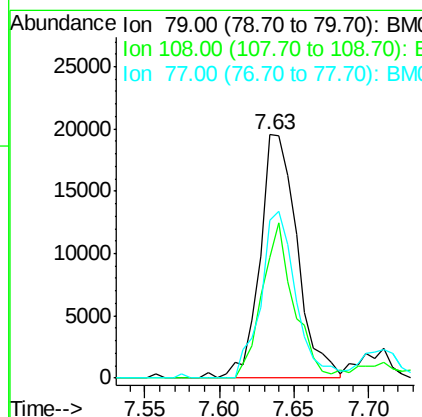
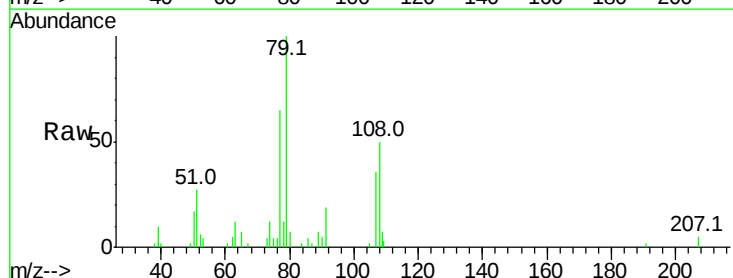
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC2.5

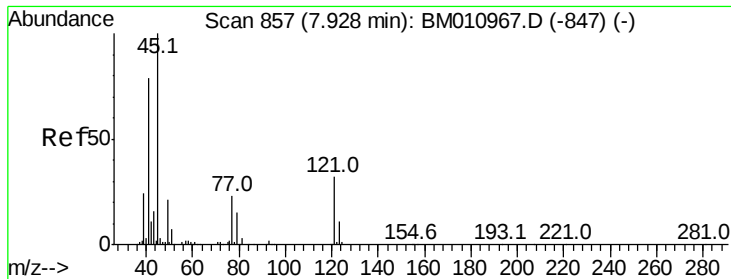
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 52.1  | 52.3  | 78.5# |
| 111     | 34.1  | 30.6  | 45.8  |



#15  
 Benzyl Alcohol  
 Concen: 2.470 ng  
 RT: 7.63 min Scan# 807  
 Delta R.T. -0.01 min  
 Lab File: BM010964.D  
 Acq: 26 Jul 2017 10:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 49.7  | 65.0  | 97.4# |
| 77      | 65.0  | 53.0  | 79.6  |

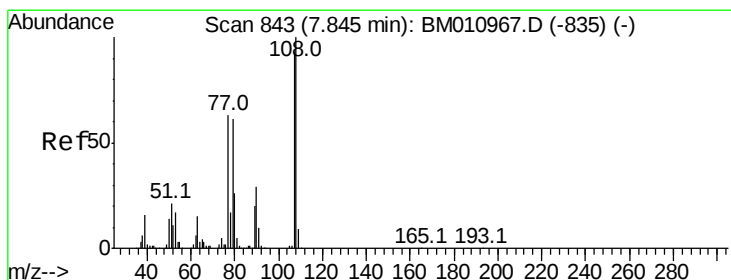
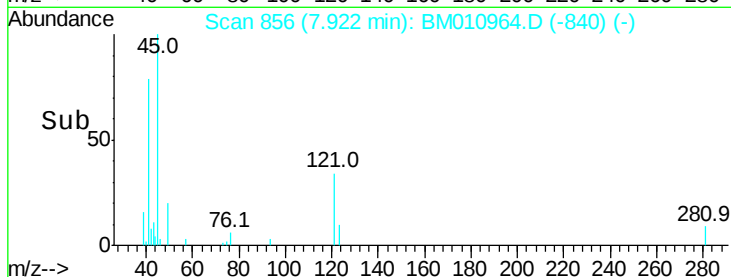
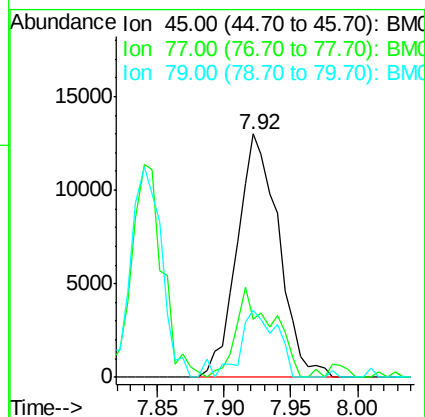
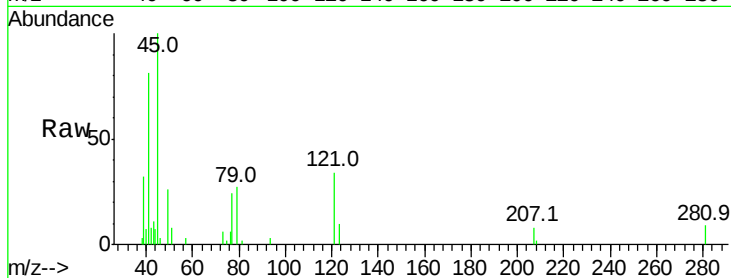




#16  
 2,2'-oxvbis(1-Chloropropane)  
 Concen: 2.760 ng  
 RT: 7.92 min Scan# 856  
 Delta R.T. -0.01 min  
 Lab File: BM010964.D  
 Acq: 26 Jul 2017 10:53

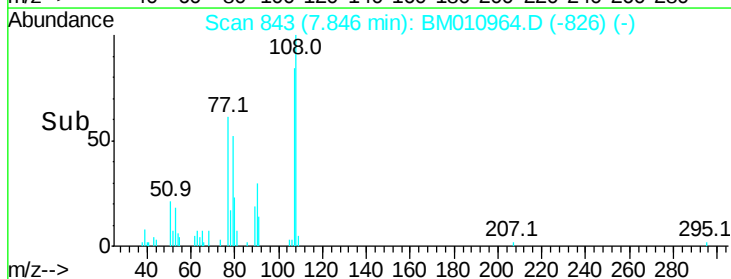
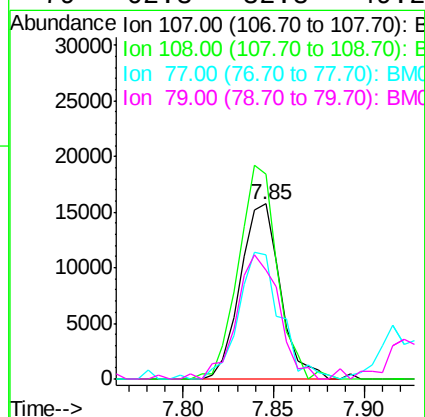
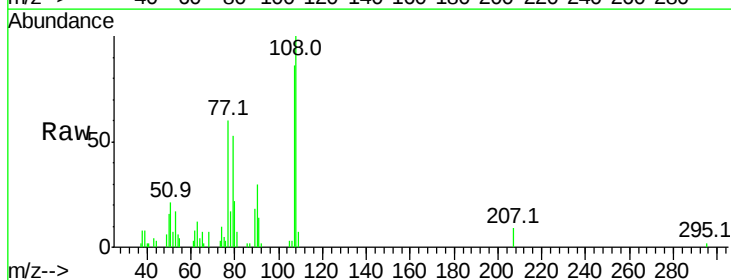
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC2.5

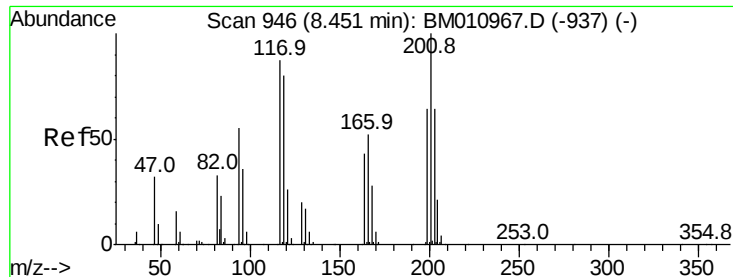
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 45    | Resp: | 28081 |
| Ion      | Ratio | Lower | Upper |
| 45       | 100   |       |       |
| 77       | 23.9  | 0.0   | 35.2  |
| 79       | 27.3  | 0.0   | 32.0  |



#17  
 2-Methylphenol  
 Concen: 2.446 ng  
 RT: 7.85 min Scan# 843  
 Delta R.T. 0.00 min  
 Lab File: BM010964.D  
 Acq: 26 Jul 2017 10:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 24097 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 116.9 | 89.8  | 134.8 |
| 77       | 70.6  | 32.6  | 48.8# |
| 79       | 62.3  | 32.8  | 49.2# |

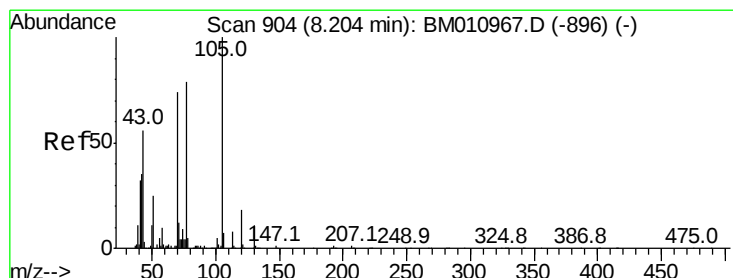
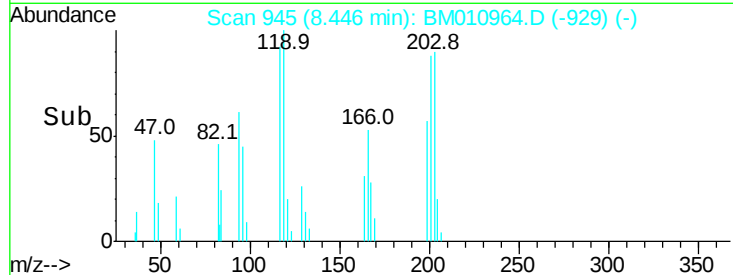
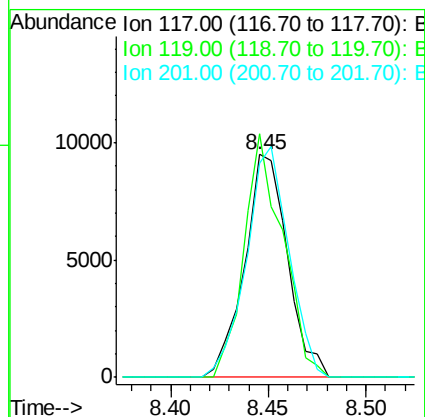
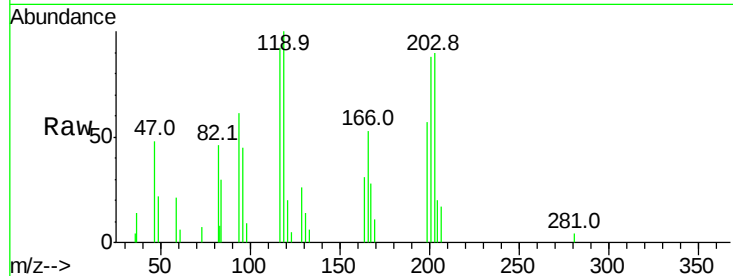




#18  
Hexachloroethane  
Concen: 2.621 ng  
RT: 8.45 min Scan# 945  
Delta R.T. -0.01 min  
Lab File: BM010964.D  
Acq: 26 Jul 2017 10:53

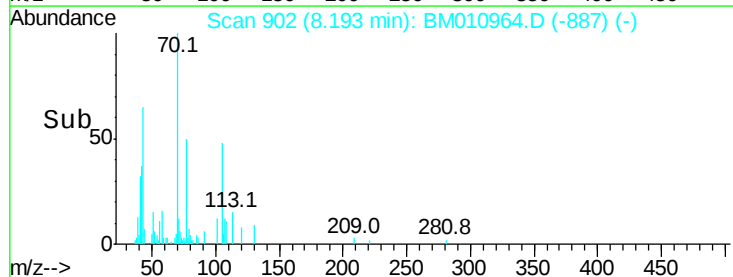
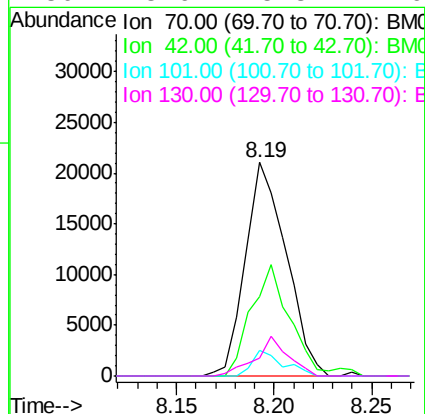
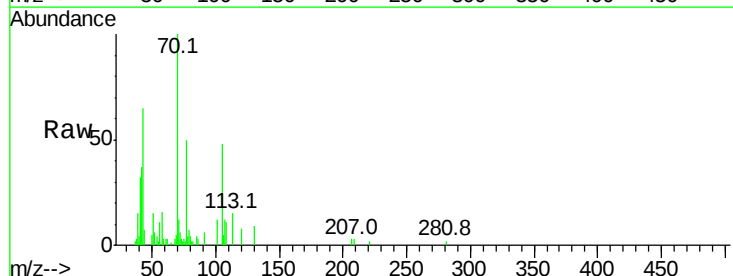
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC2.5

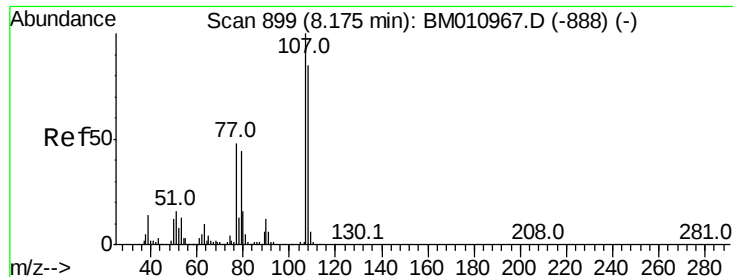
Tot Ion:117 Resp: 14510  
Ion Ratio Lower Upper  
117 100  
119 109.2 79.2 118.8  
201 96.3 69.8 104.6



#19  
n-Nitroso-di-n-propylamine  
Concen: 2.677 ng  
RT: 8.19 min Scan# 902  
Delta R.T. -0.01 min  
Lab File: BM010964.D  
Acq: 26 Jul 2017 10:53

Tgt Ion: 70 Resp: 30553  
Ion Ratio Lower Upper  
70 100  
42 37.1 44.5 66.7#  
101 11.7 7.4 11.2#  
130 8.6 15.3 22.9#





#20

3+4-Methylphenols

Concen: 2.449 ng

RT: 8.16 min Scan# 897

Delta R.T. -0.01 min

Lab File: BM010964.D

Acq: 26 Jul 2017 10:53

Instrument :

BNA\_M

ClientSampleId :

SSTDICC2.5

Tot Ion:107 Resp: 33525

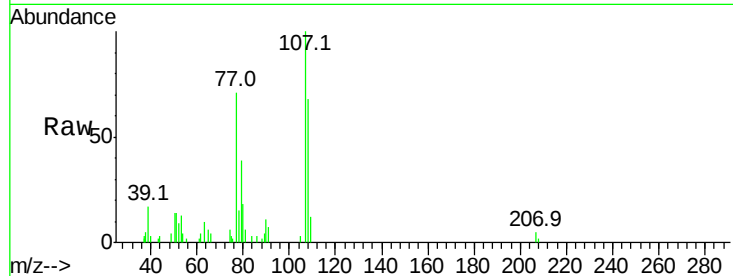
Ion Ratio Lower Upper

107 100

108 68.4 73.2 113.2#

77 70.5 10.7 50.7#

79 38.9 9.6 49.6

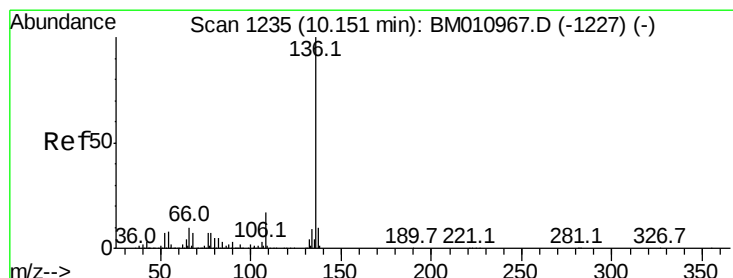
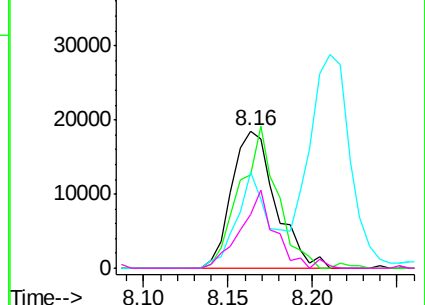
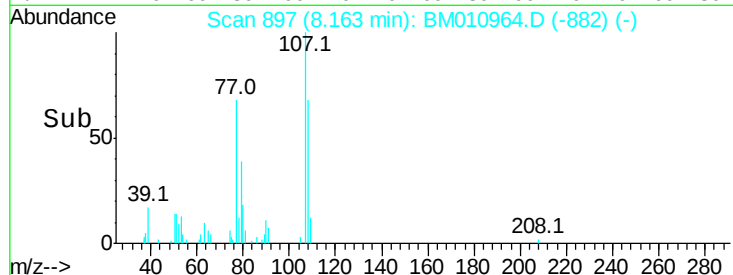


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.15 min Scan# 1235

Delta R.T. 0.00 min

Lab File: BM010964.D

Acq: 26 Jul 2017 10:53

Tgt Ion:136 Resp: 686120

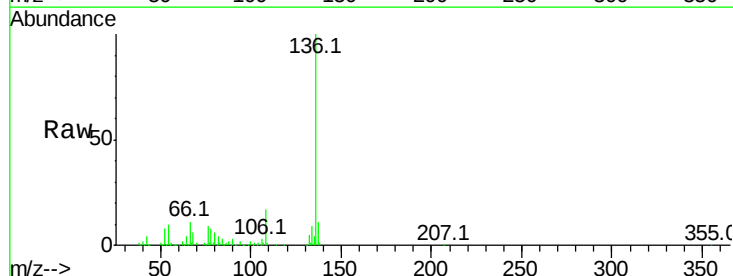
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 10.1 4.6 6.8#

68 6.2 3.7 5.5#

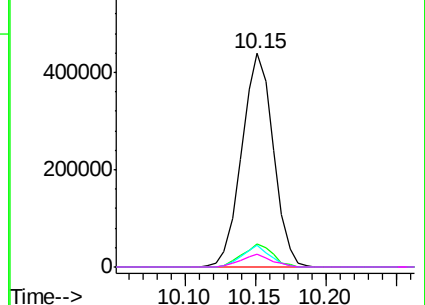
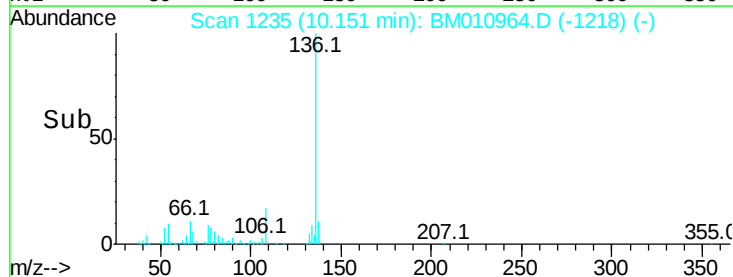


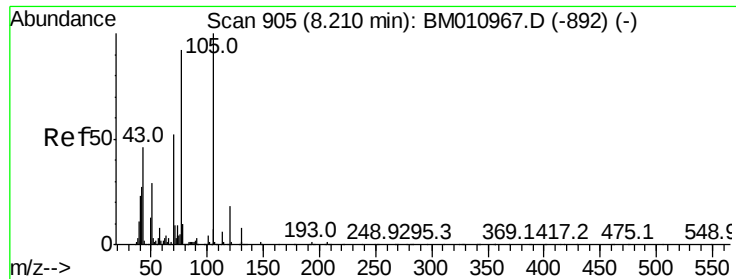
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0

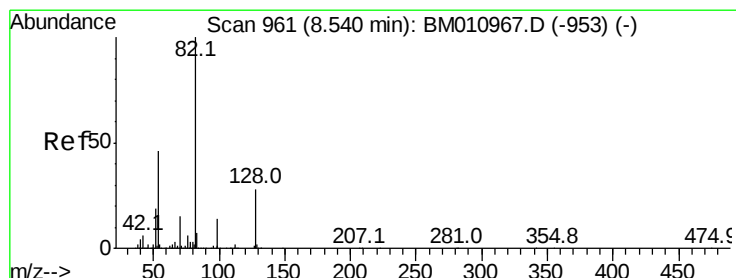
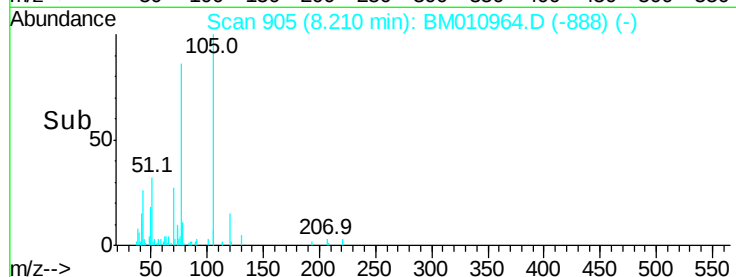
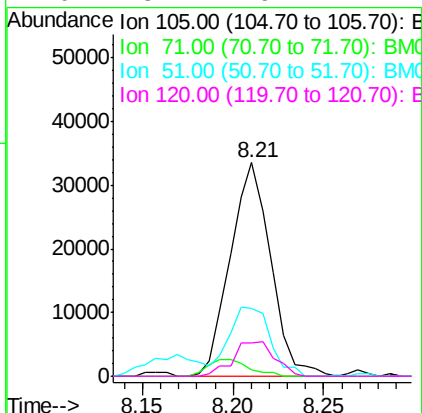
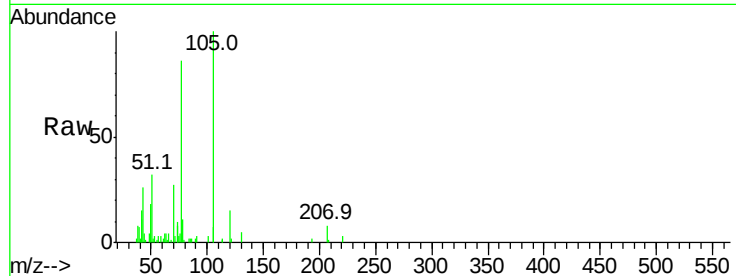




#22  
Acetophenone  
Concen: 2.522 ng  
RT: 8.21 min Scan# 905  
Delta R.T. 0.00 min  
Lab File: BM010964.D  
Acq: 26 Jul 2017 10:53

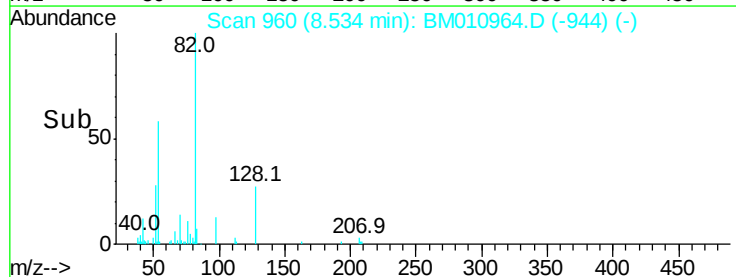
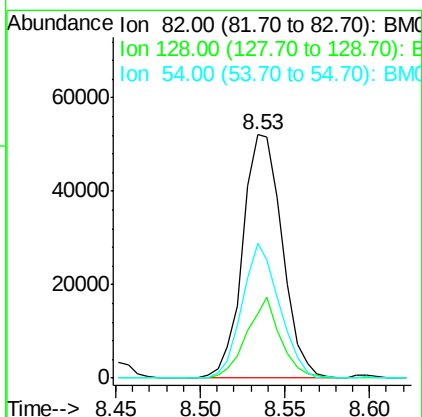
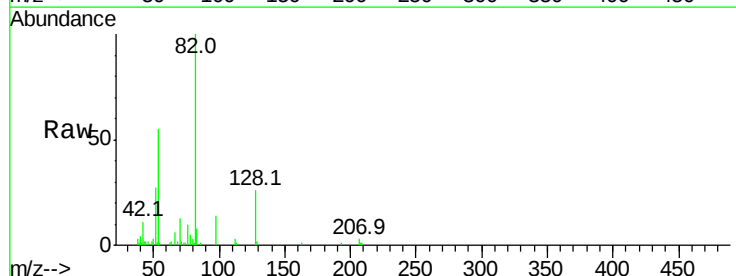
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC2.5

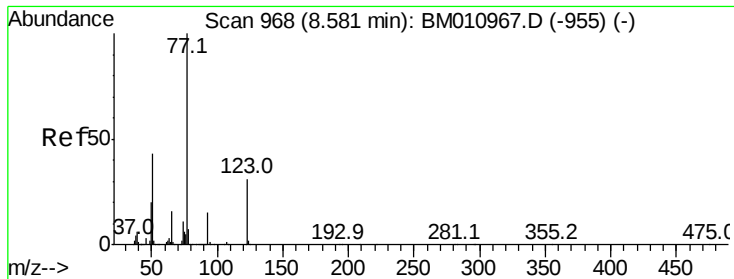
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 105   | Resp: | 52109 |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 71       | 3.0   | 0.6   | 1.0#  |
| 51       | 31.5  | 21.6  | 32.4  |
| 120      | 15.4  | 16.1  | 24.1# |



#23  
Nitrobenzene-d5  
Concen: 4.752 ng  
RT: 8.53 min Scan# 960  
Delta R.T. -0.01 min  
Lab File: BM010964.D  
Acq: 26 Jul 2017 10:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 84821 |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 26.3  | 32.8  | 49.2# |
| 54       | 55.3  | 40.6  | 60.8  |





#24

Nitrobenzene

Concen: 2.511 ng

RT: 8.58 min Scan# 968

Delta R.T. 0.00 min

Lab File: BM010964.D

Acq: 26 Jul 2017 10:53

Instrument :

BNA\_M

ClientSampleId :

SSTDICC2.5

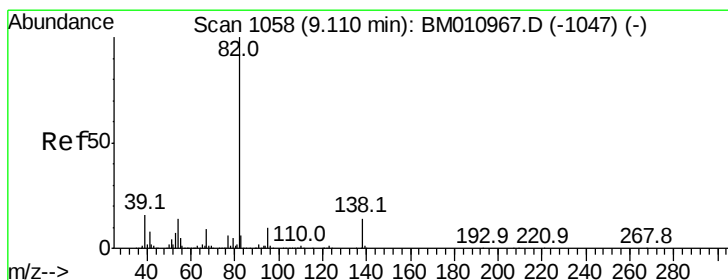
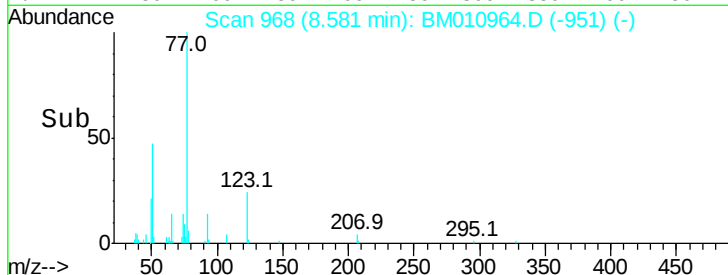
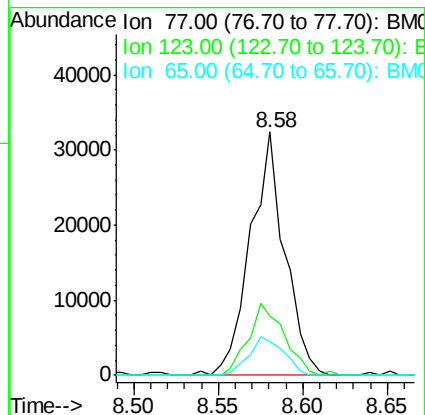
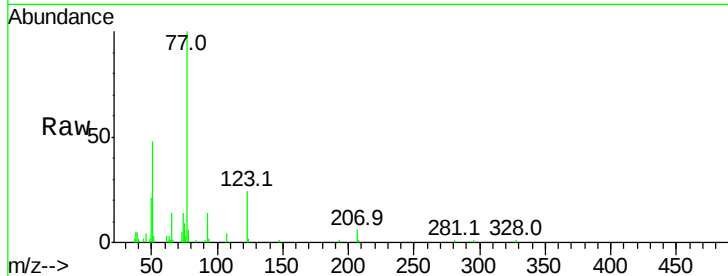
Tot Ion: 77 Resp: 45937

Ion Ratio Lower Upper

77 100

123 24.3 32.6 49.0#

65 13.7 10.9 16.3



#25

Isophorone

Concen: 2.547 ng

RT: 9.10 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BM010964.D

Acq: 26 Jul 2017 10:53

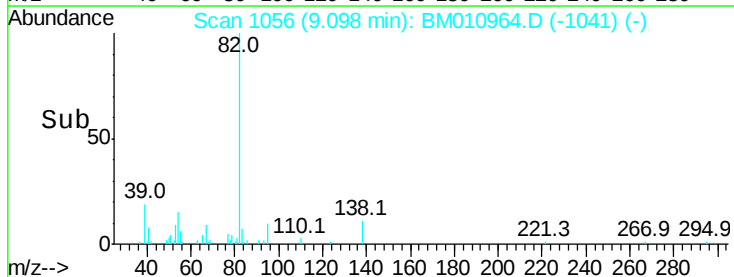
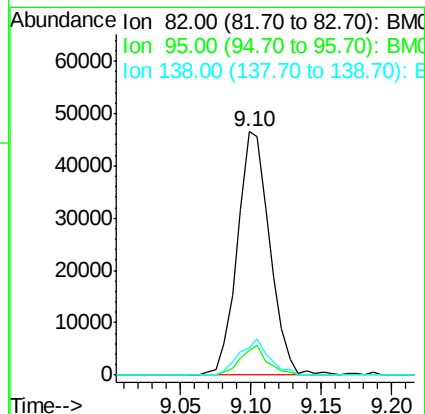
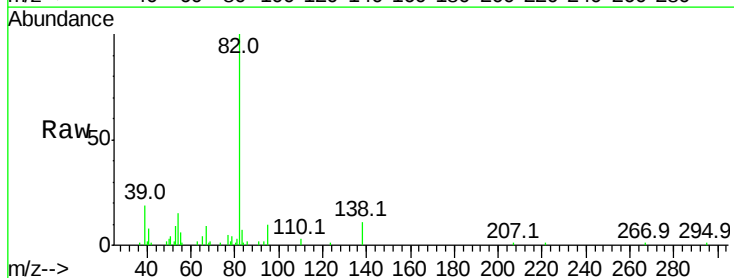
Tgt Ion: 82 Resp: 74494

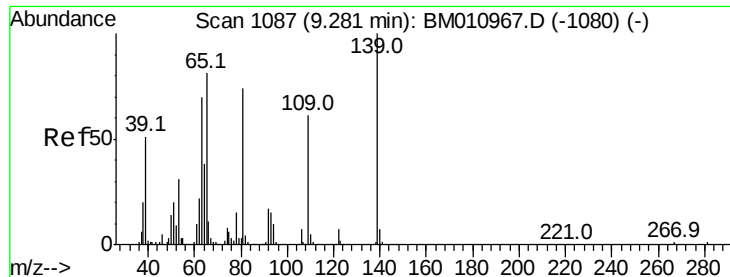
Ion Ratio Lower Upper

82 100

95 10.3 5.8 8.6#

138 11.3 16.3 24.5#





#26

2-Nitrophenol

Concen: 2.205 ng

RT: 9.28 min Scan# 1087

Delta R.T. 0.00 min

Lab File: BM010964.D

Acq: 26 Jul 2017 10:53

Instrument :

BNA\_M

ClientSampled :

SSTDICC2.5

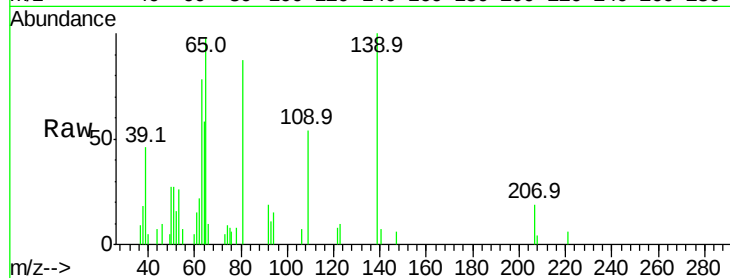
Tot Ion:139 Resp: 13421

Ion Ratio Lower Upper

139 100

109 54.3 20.1 30.1#

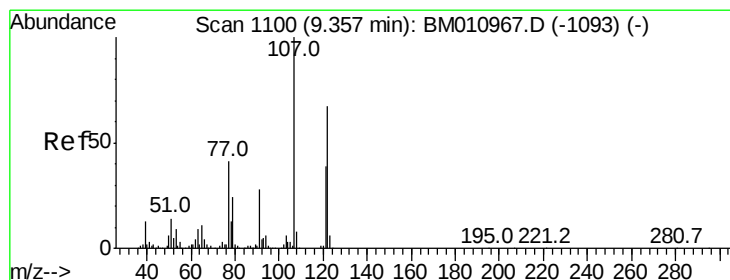
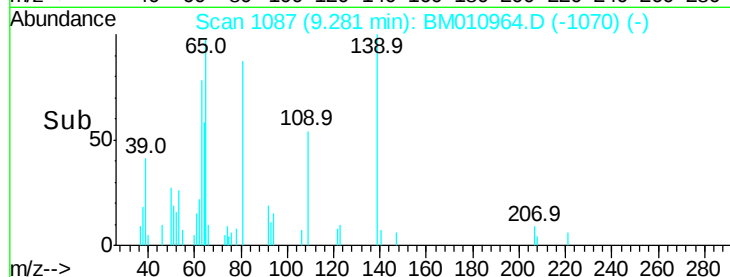
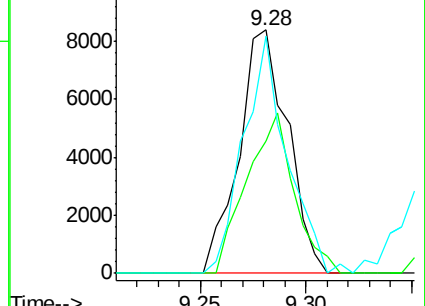
65 97.6 31.5 47.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM



#27

2,4-Dimethylphenol

Concen: 2.291 ng

RT: 9.35 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BM010964.D

Acq: 26 Jul 2017 10:53

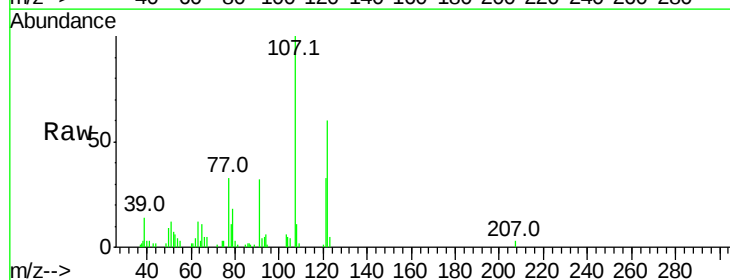
Tgt Ion:122 Resp: 24888

Ion Ratio Lower Upper

122 100

107 165.7 84.7 127.1#

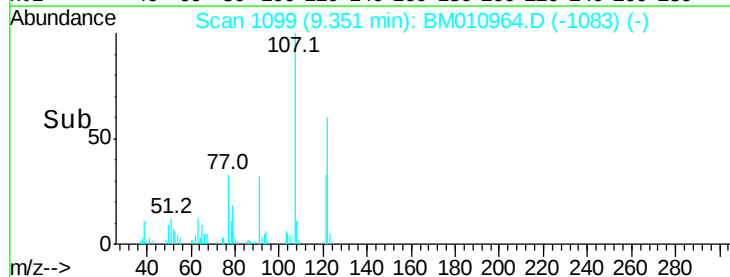
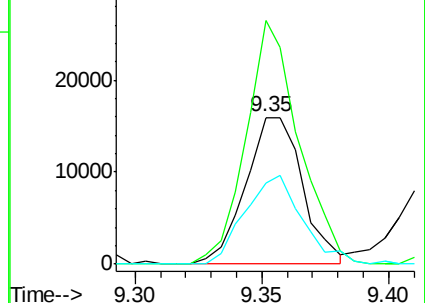
121 54.8 46.6 69.8

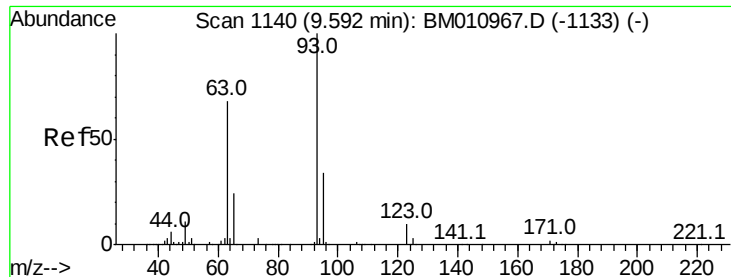


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

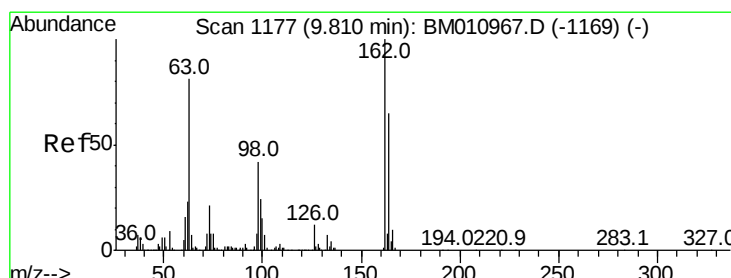
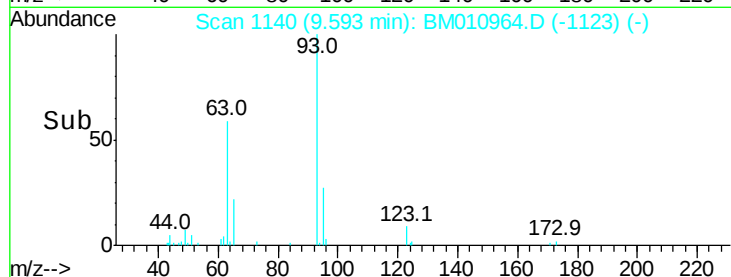
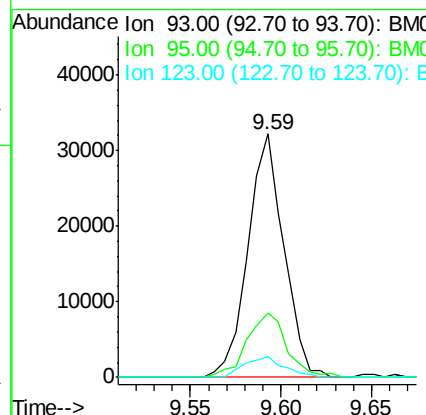
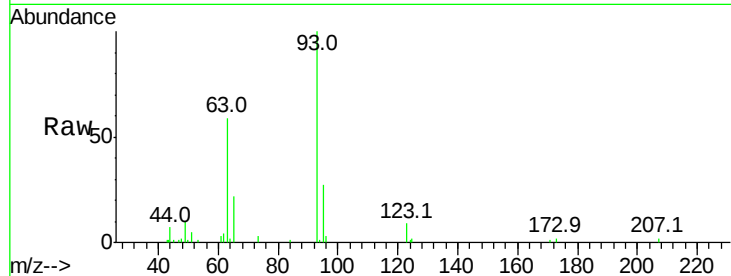




#28  
bis(2-Chloroethoxy)methane  
Concen: 2.693 ng  
RT: 9.59 min Scan# 1140  
Delta R.T. 0.00 min  
Lab File: BM010964.D  
Acq: 26 Jul 2017 10:53

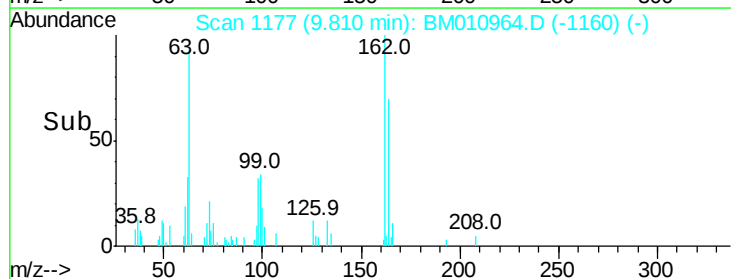
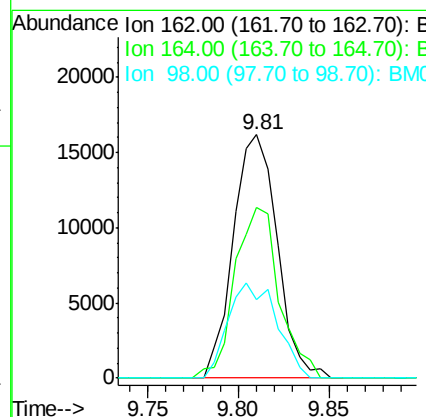
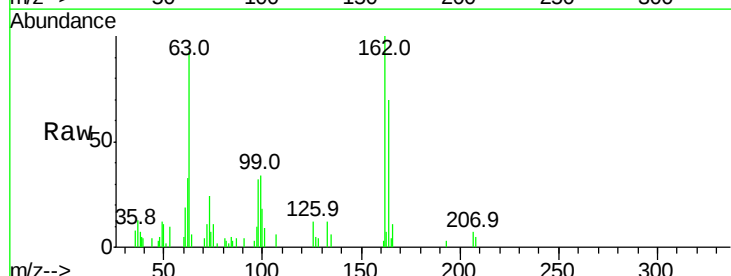
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC2.5

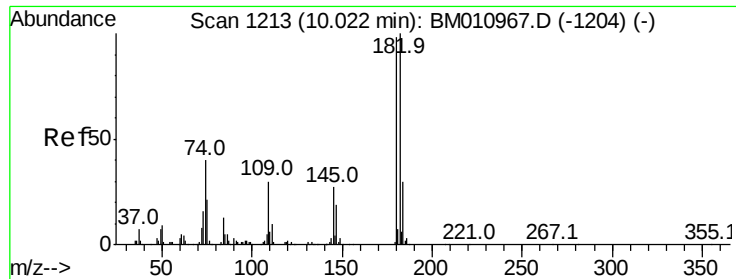
Tot Ion: 93 Resp: 44141  
Ion Ratio Lower Upper  
93 100  
95 26.7 25.5 38.3  
123 8.6 8.6 13.0#



#29  
2,4-Dichlorophenol  
Concen: 2.225 ng  
RT: 9.81 min Scan# 1177  
Delta R.T. 0.00 min  
Lab File: BM010964.D  
Acq: 26 Jul 2017 10:53

Tgt Ion: 162 Resp: 27303  
Ion Ratio Lower Upper  
162 100  
164 70.3 42.8 82.8  
98 32.3 14.5 54.5

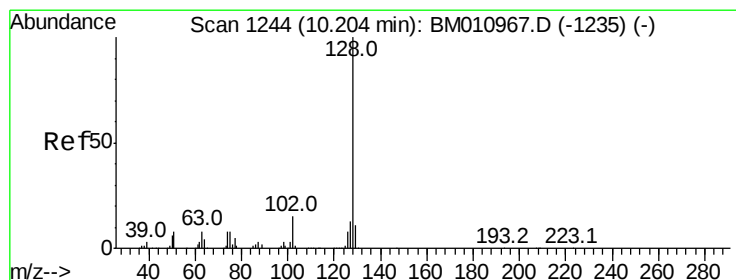
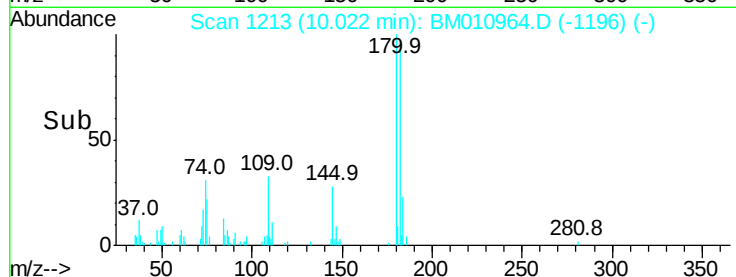
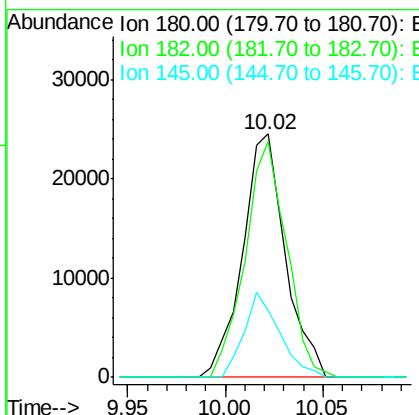
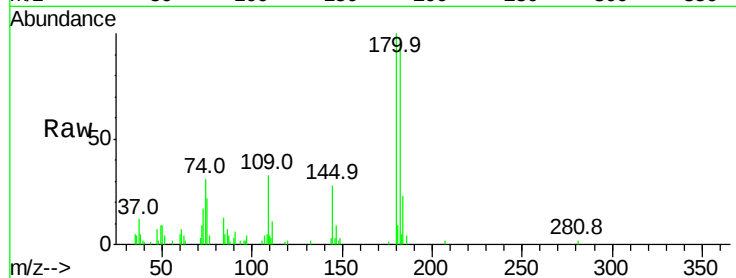




#30  
 1,2,4-Trichlorobenzene  
 Concen: 2.483 ng  
 RT: 10.02 min Scan# 1213  
 Delta R.T. 0.00 min  
 Lab File: BM010964.D  
 Acq: 26 Jul 2017 10:53

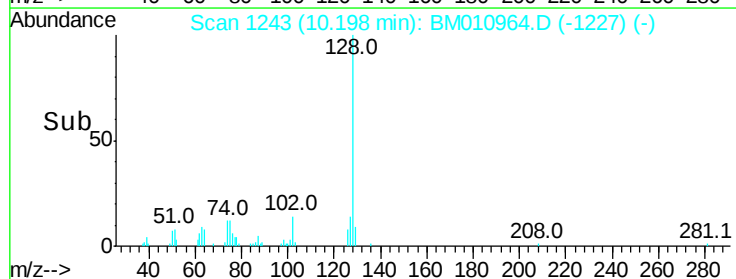
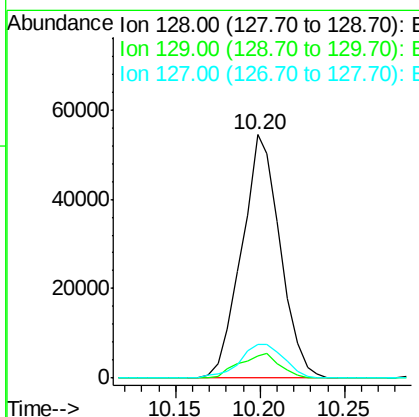
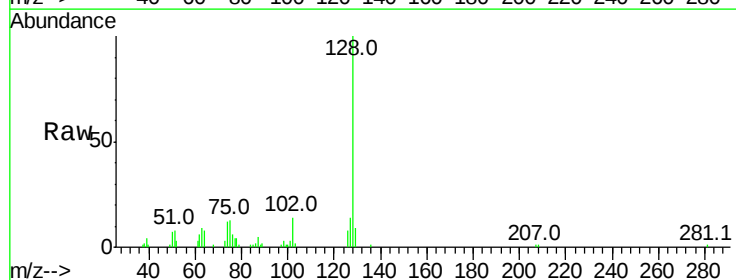
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC2.5

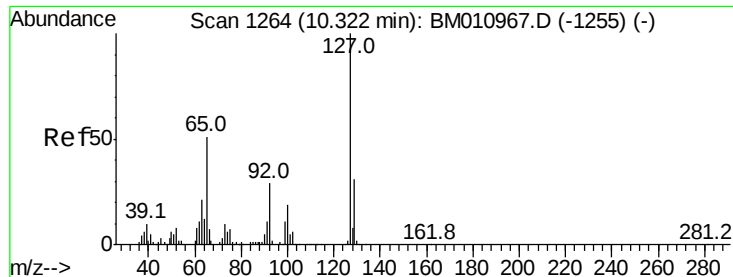
Tot Ion:180 Resp: 37256  
 Ion Ratio Lower Upper  
 180 100  
 182 97.2 77.6 116.4  
 145 27.8 23.4 35.2



#31  
 Naphthalene  
 Concen: 2.467 ng  
 RT: 10.20 min Scan# 1243  
 Delta R.T. -0.01 min  
 Lab File: BM010964.D  
 Acq: 26 Jul 2017 10:53

Tgt Ion:128 Resp: 86061  
 Ion Ratio Lower Upper  
 128 100  
 129 9.1 8.9 13.3  
 127 14.0 10.4 15.6

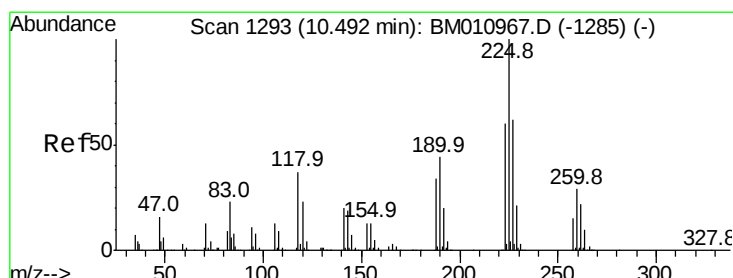
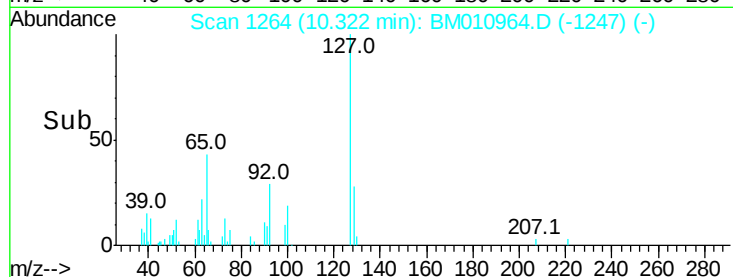
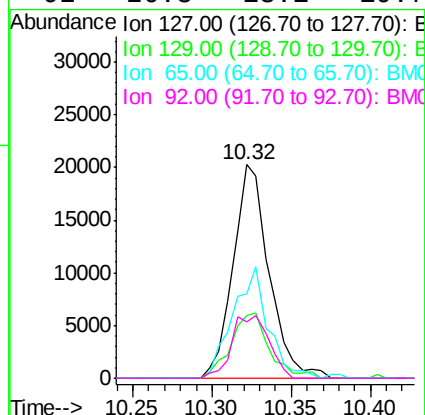
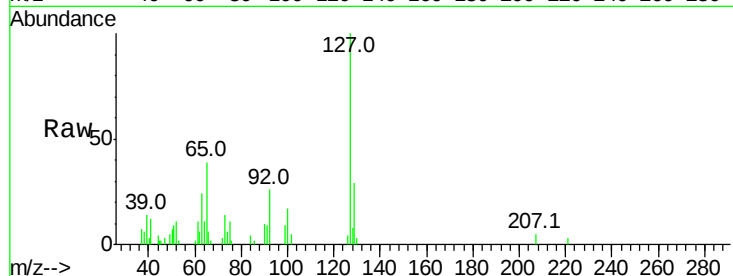




#33  
4-Chloroaniline  
Concen: 2.266 ng  
RT: 10.32 min Scan# 1264  
Delta R.T. 0.00 min  
Lab File: BM010964.D  
Acq: 26 Jul 2017 10:53

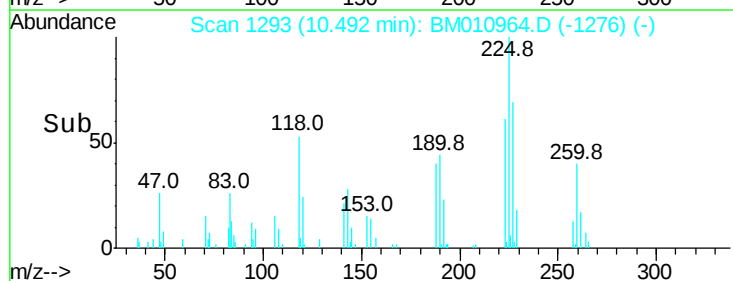
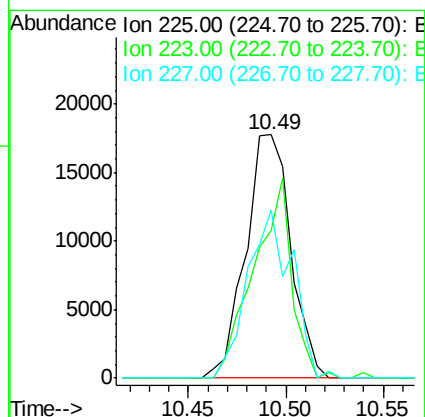
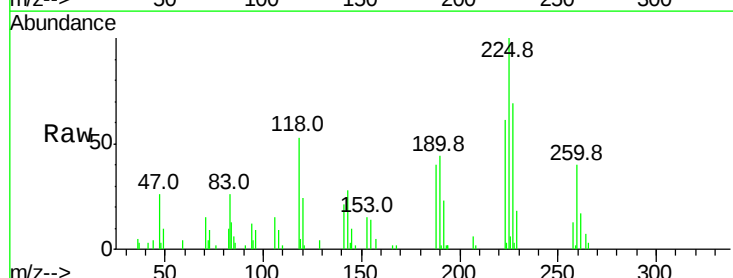
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC2.5

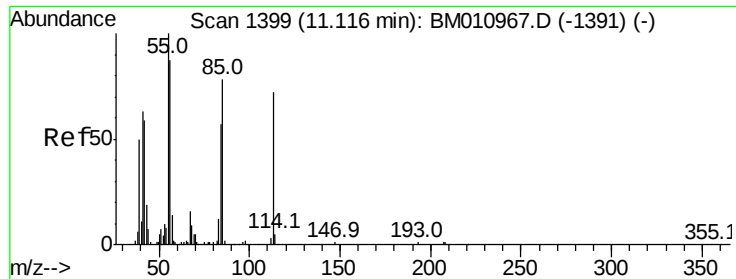
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 29.4  | 25.3  | 37.9  |
| 65      | 39.3  | 17.6  | 26.4  |
| 92      | 26.3  | 13.1  | 19.7  |



#34  
Hexachlorobutadiene  
Concen: 2.449 ng  
RT: 10.49 min Scan# 1293  
Delta R.T. 0.00 min  
Lab File: BM010964.D  
Acq: 26 Jul 2017 10:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 60.8  | 47.9  | 71.9  |
| 227     | 68.9  | 50.1  | 75.1  |





#35

Caprolactam

Concen: 2.608 ng

RT: 11.09 min Scan# 1395

Delta R.T. -0.02 min

Lab File: BM010964.D

Acq: 26 Jul 2017 10:53

Instrument :

BNA\_M

ClientSampleId :

SSTDICC2.5

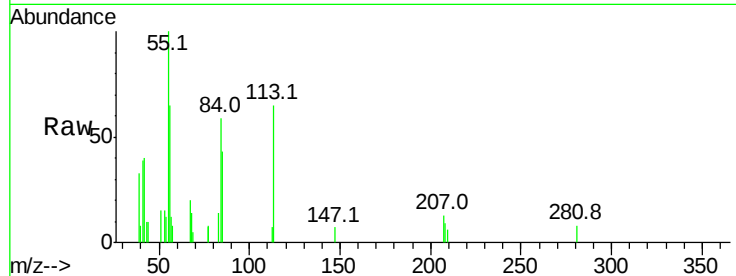
Tot Ion:113 Resp: 8522

Ion Ratio Lower Upper

113 100

55 154.4 145.9 185.9

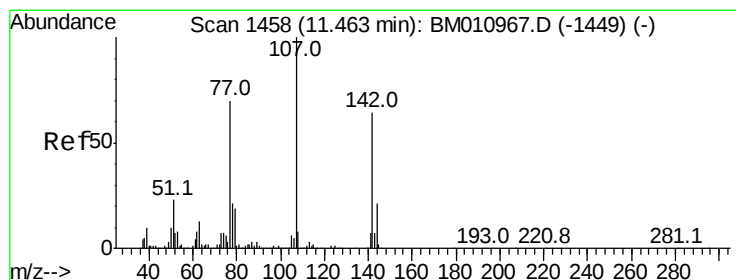
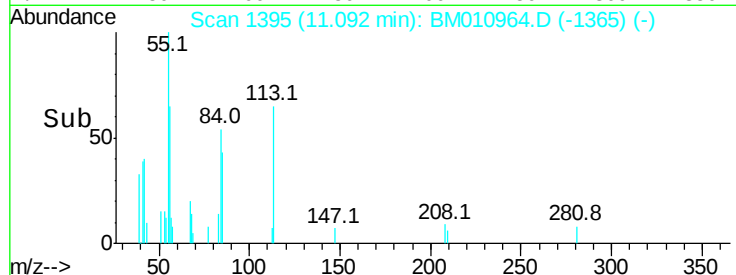
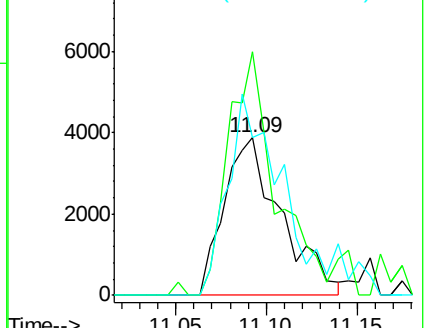
56 100.3 101.0 141.0#



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



#36

4-Chloro-3-methylphenol

Concen: 2.386 ng

RT: 11.46 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BM010964.D

Acq: 26 Jul 2017 10:53

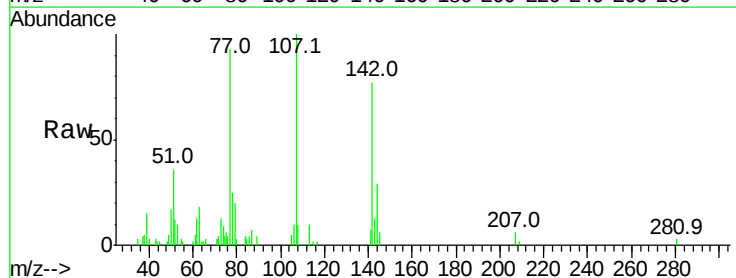
Tgt Ion:107 Resp: 35416

Ion Ratio Lower Upper

107 100

144 29.2 23.3 34.9

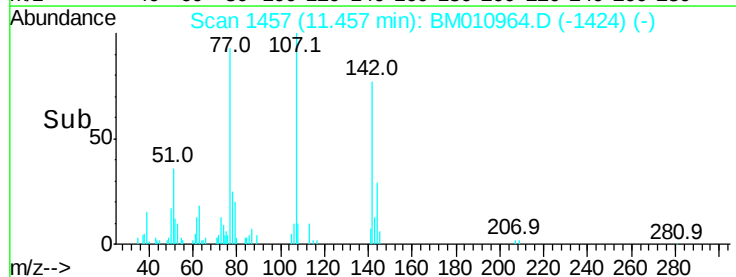
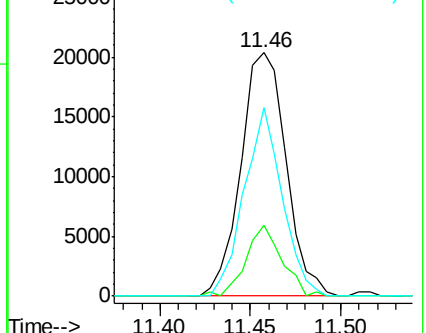
142 77.4 72.6 109.0

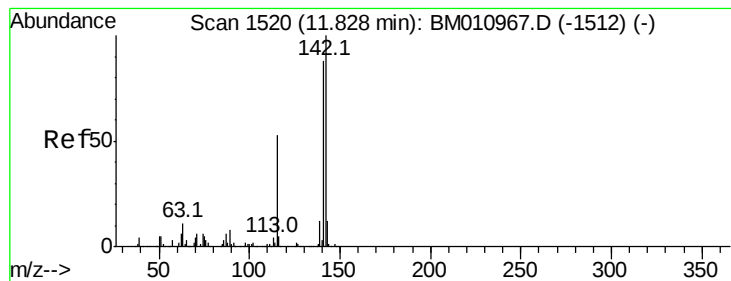


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

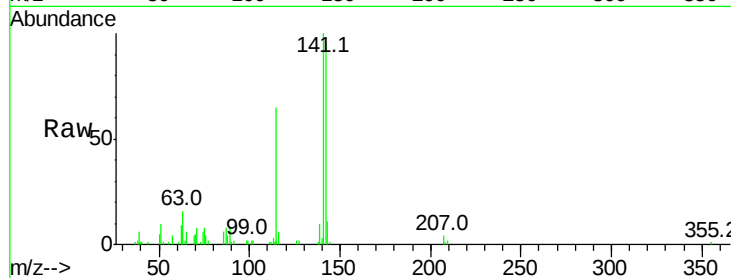




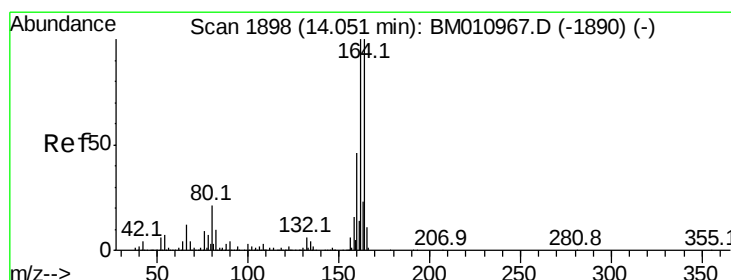
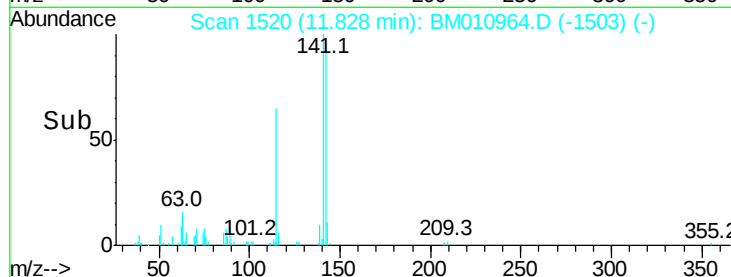
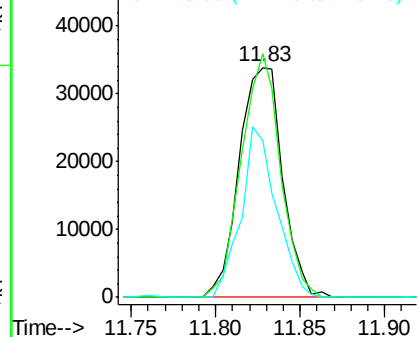
#37  
 2-Methylnaphthalene  
 Concen: 2.427 ng  
 RT: 11.83 min Scan# 1520  
 Delta R.T. 0.00 min  
 Lab File: BM010964.D  
 Acq: 26 Jul 2017 10:53

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDIC2.5

Tot Ion:142 Resp: 60811  
 Ion Ratio Lower Upper  
 142 100  
 141 105.8 71.9 107.9  
 115 68.3 25.4 38.0#

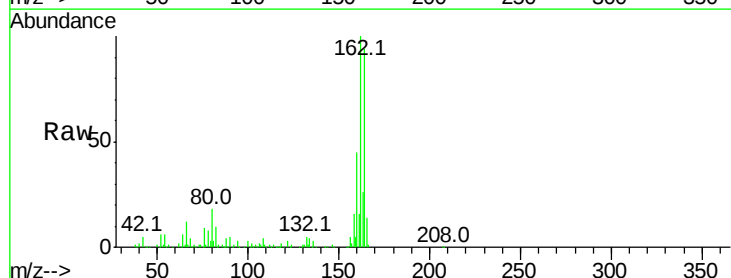


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

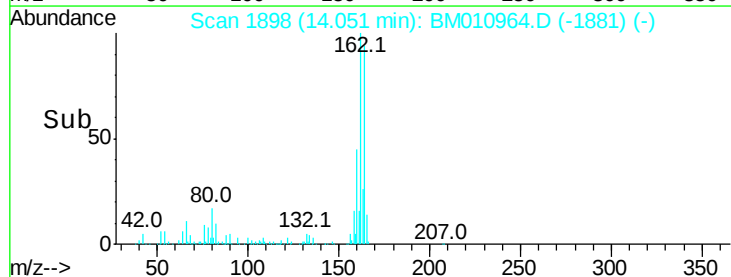
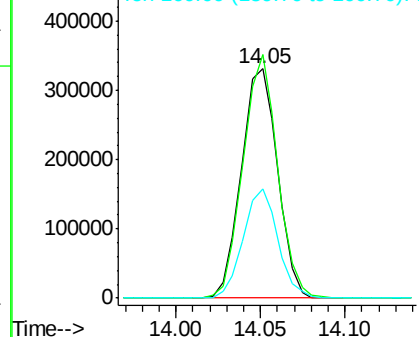


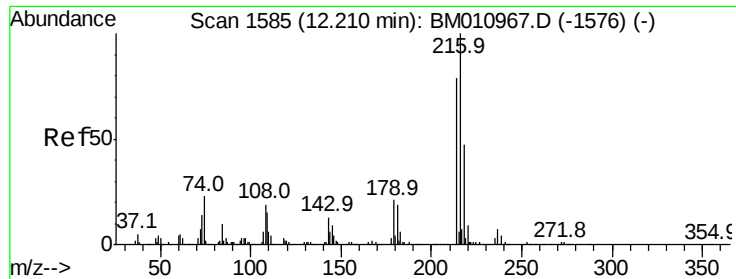
#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.05 min Scan# 1898  
 Delta R.T. 0.00 min  
 Lab File: BM010964.D  
 Acq: 26 Jul 2017 10:53

Tgt Ion:164 Resp: 495811  
 Ion Ratio Lower Upper  
 164 100  
 162 106.3 82.4 123.6  
 160 47.6 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

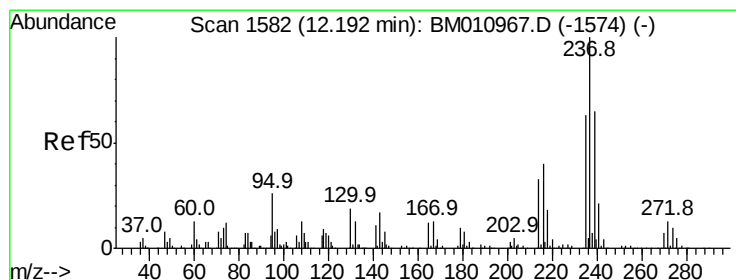
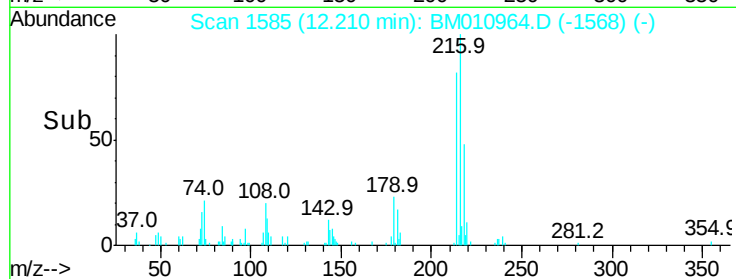
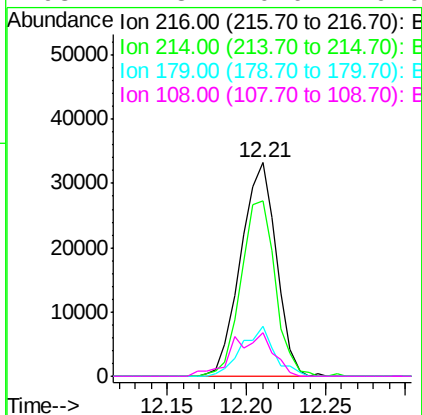
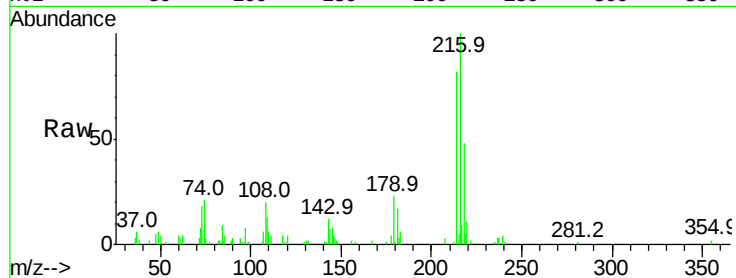




#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 2.397 ng  
RT: 12.21 min Scan# 1585  
Delta R.T. 0.00 min  
Lab File: BM010964.D  
Acq: 26 Jul 2017 10:53

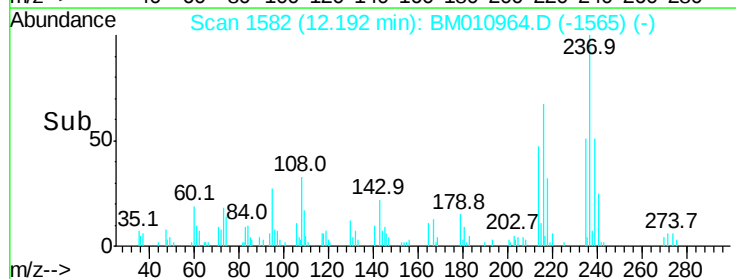
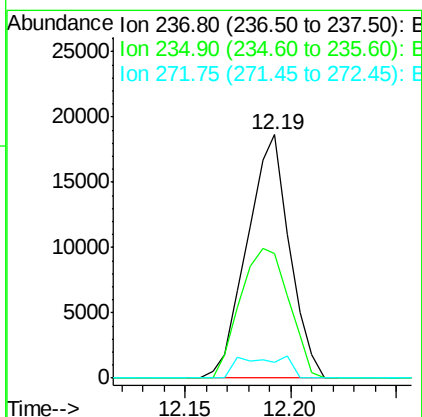
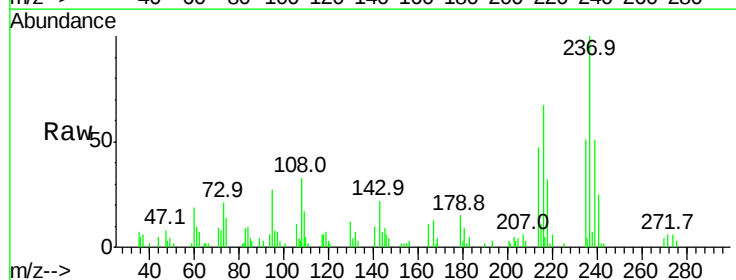
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC2.5

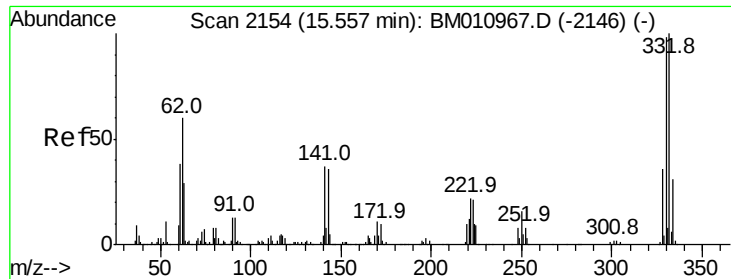
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.1  | 0.0   | 0.0#  |
| 179     | 21.4  | 0.0   | 0.0#  |
| 108     | 22.8  | 0.0   | 0.0#  |



#40  
Hexachlorocyclopentadiene  
Concen: 2.097 ng  
RT: 12.19 min Scan# 1582  
Delta R.T. 0.00 min  
Lab File: BM010964.D  
Acq: 26 Jul 2017 10:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 51.0  | 42.0  | 82.0  |
| 272     | 6.2   | 0.0   | 33.4  |

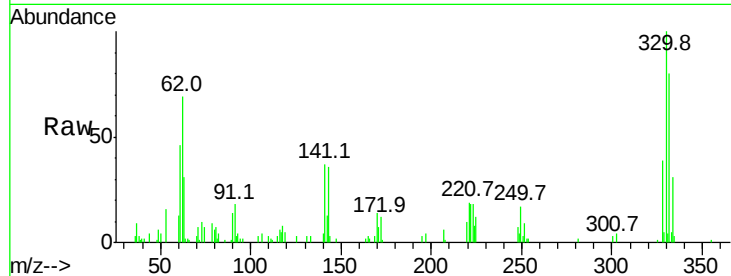




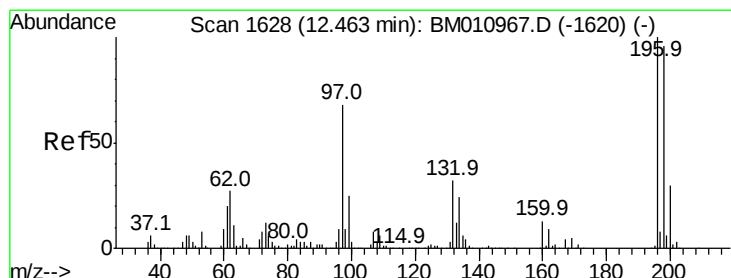
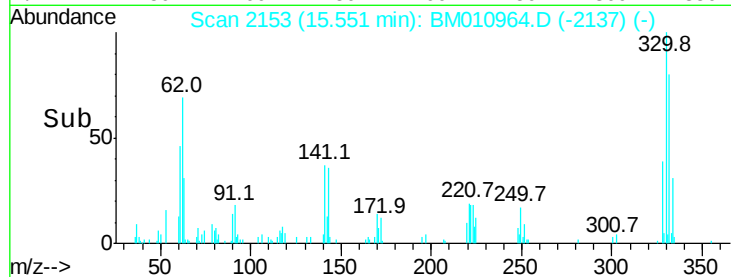
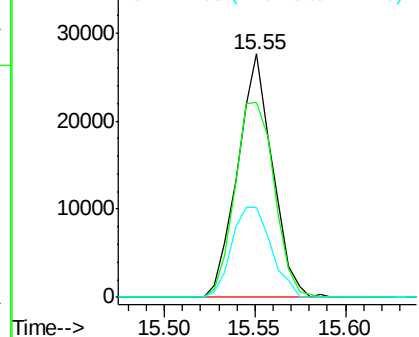
#41  
 2,4,6-Tribromophenol  
 Concen: 4.853 ng  
 RT: 15.55 min Scan# 2153  
 Delta R.T. -0.01 min  
 Lab File: BM010964.D  
 Acq: 26 Jul 2017 10:53

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDIC2.5

Tot Ion:330 Resp: 36770  
 Ion Ratio Lower Upper  
 330 100  
 332 90.6 0.0 0.0#  
 141 41.8 0.0 0.0#

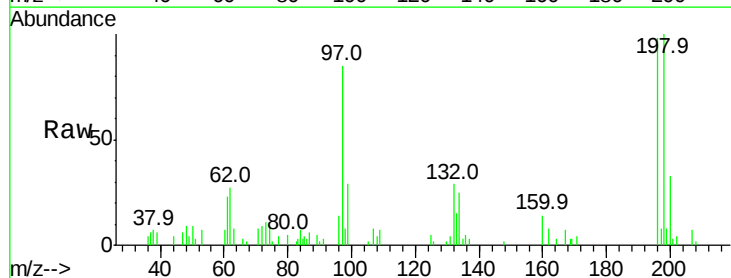


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

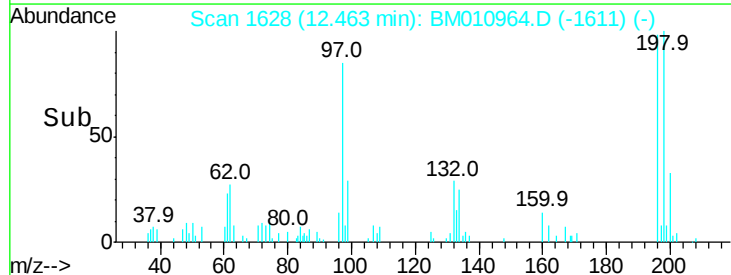
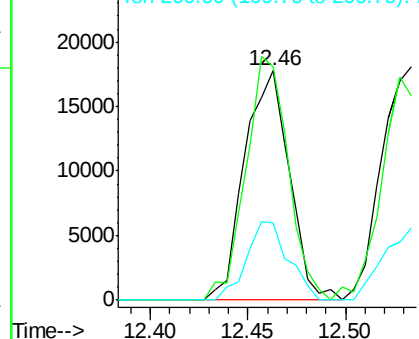


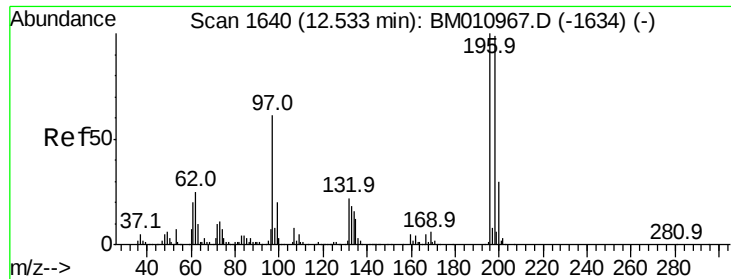
#42  
 2,4,6-Trichlorophenol  
 Concen: 2.122 ng  
 RT: 12.46 min Scan# 1628  
 Delta R.T. 0.00 min  
 Lab File: BM010964.D  
 Acq: 26 Jul 2017 10:53

Tgt Ion:196 Resp: 28243  
 Ion Ratio Lower Upper  
 196 100  
 198 102.0 76.3 114.5  
 200 33.5 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

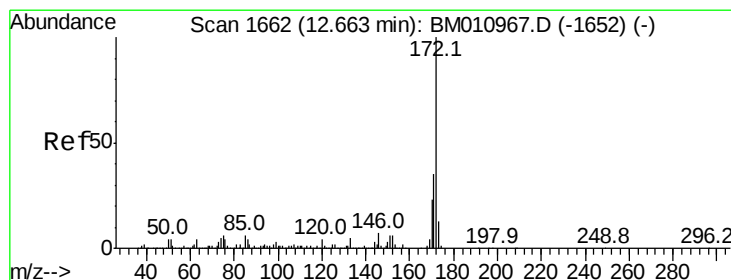
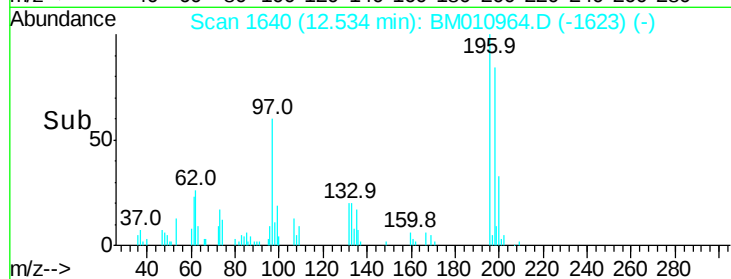
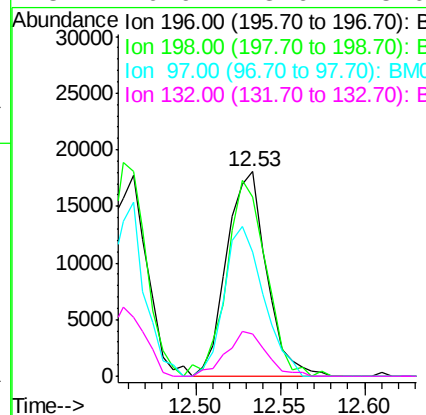
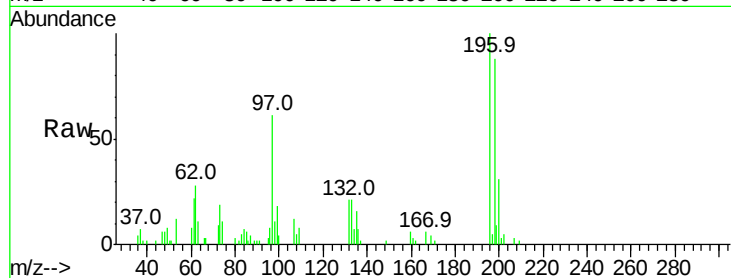




#43  
 2,4,5-Trichlorophenol  
 Concen: 2.272 ng  
 RT: 12.53 min Scan# 1640  
 Delta R.T. 0.00 min  
 Lab File: BM010964.D  
 Acq: 26 Jul 2017 10:53

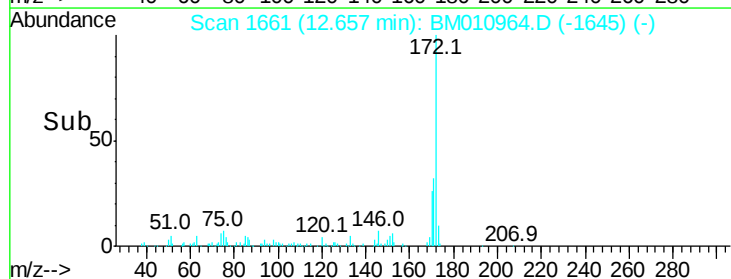
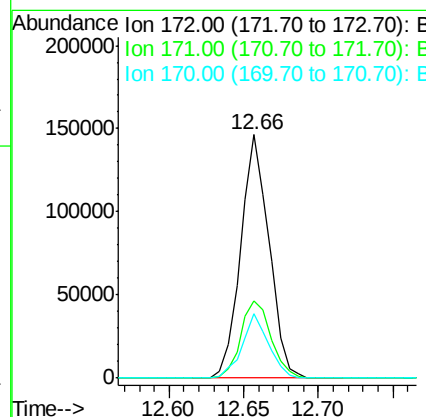
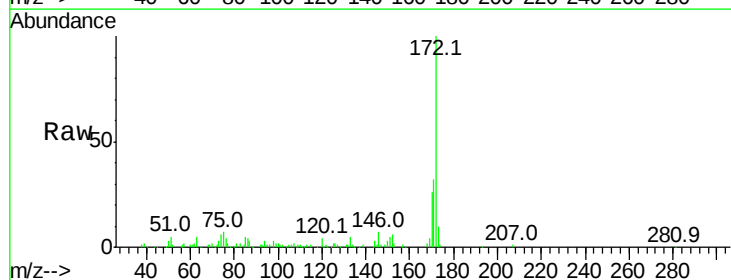
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC2.5

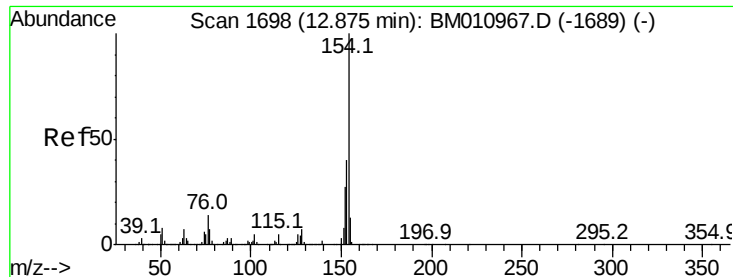
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 196   | Resp: | 29848 |
| Ion      | Ratio | Lower | Upper |
| 196      | 100   |       |       |
| 198      | 87.6  | 79.4  | 119.0 |
| 97       | 60.8  | 26.8  | 40.2# |
| 132      | 20.9  | 18.6  | 28.0  |



#44  
 2-Fluorobiphenyl  
 Concen: 4.859 ng  
 RT: 12.66 min Scan# 1661  
 Delta R.T. -0.01 min  
 Lab File: BM010964.D  
 Acq: 26 Jul 2017 10:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 172   | Resp: | 193665 |
| Ion      | Ratio | Lower | Upper  |
| 172      | 100   |       |        |
| 171      | 31.7  | 28.5  | 42.7   |
| 170      | 26.2  | 18.8  | 28.2   |

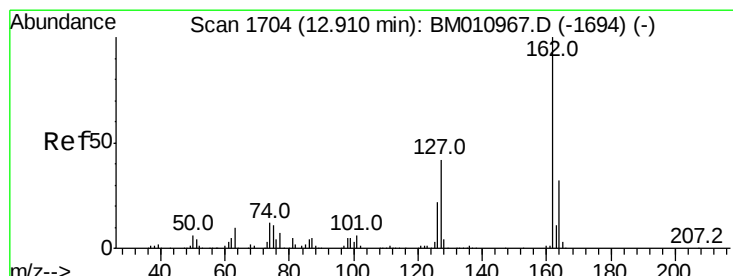
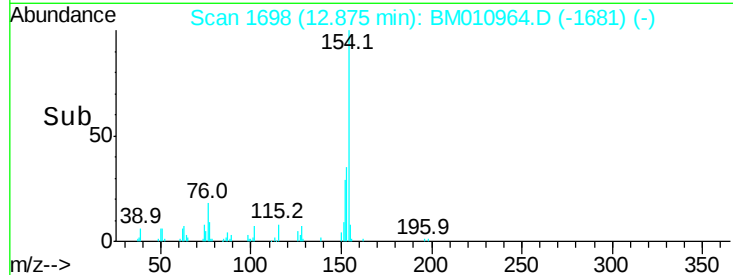
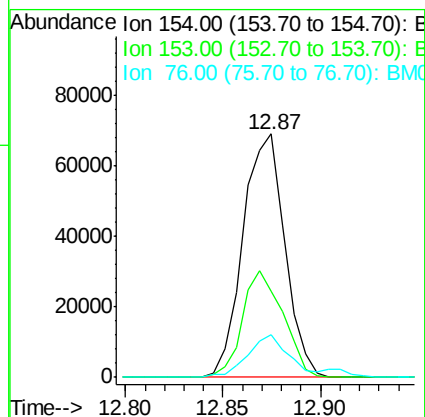
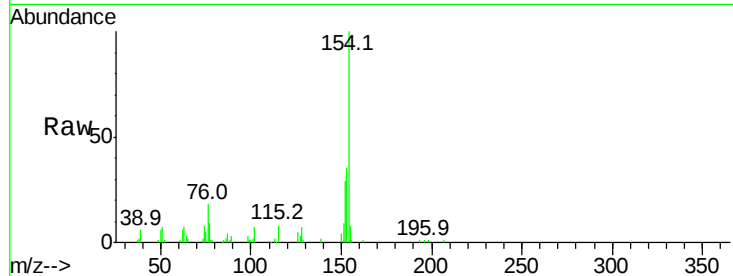




#45  
 1,1'-Biphenyl  
 Concen: 2.368 ng  
 RT: 12.87 min Scan# 1698  
 Delta R.T. 0.00 min  
 Lab File: BM010964.D  
 Acq: 26 Jul 2017 10:53

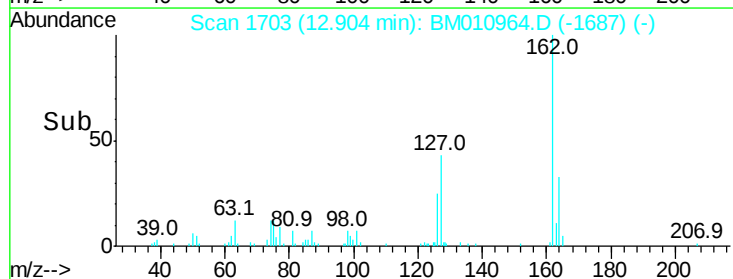
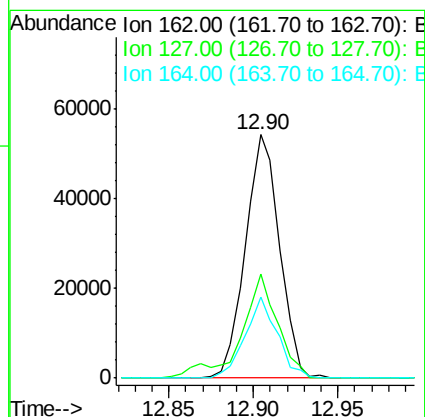
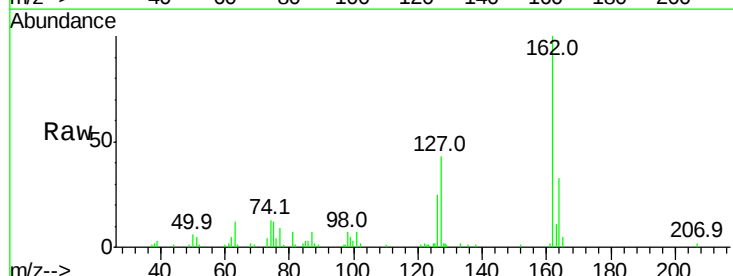
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC2.5

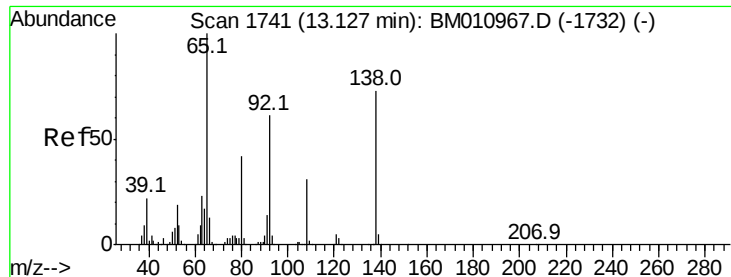
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 35.3  | 20.7  | 60.7  |
| 76      | 17.6  | 0.0   | 30.9  |



#46  
 2-Chloronaphthalene  
 Concen: 2.407 ng  
 RT: 12.90 min Scan# 1703  
 Delta R.T. -0.01 min  
 Lab File: BM010964.D  
 Acq: 26 Jul 2017 10:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 42.5  | 26.9  | 40.3# |
| 164     | 33.3  | 26.8  | 40.2  |





#47

2-Nitroaniline

Concen: 2.240 ng

RT: 13.13 min Scan# 1741

Delta R.T. 0.00 min

Lab File: BM010964.D

Acq: 26 Jul 2017 10:53

Instrument :

BNA\_M

ClientSampleId :

SSTDICC2.5

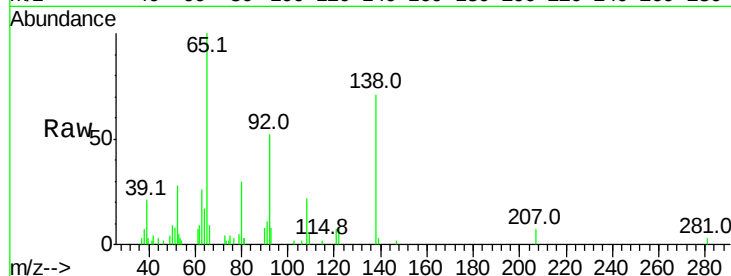
Tot Ion: 65 Resp: 23323

Ion Ratio Lower Upper

65 100

92 52.3 59.1 88.7#

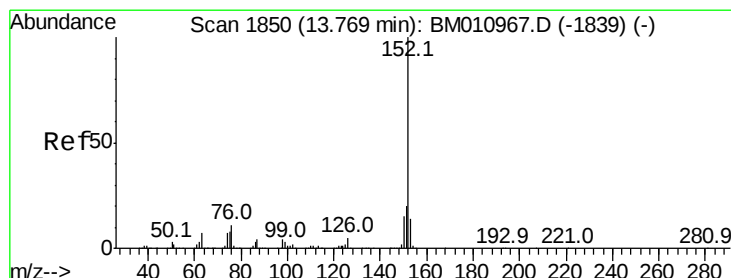
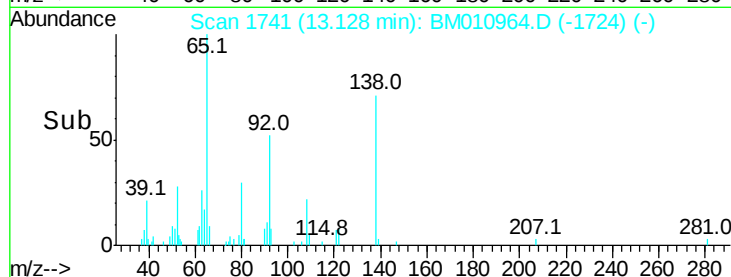
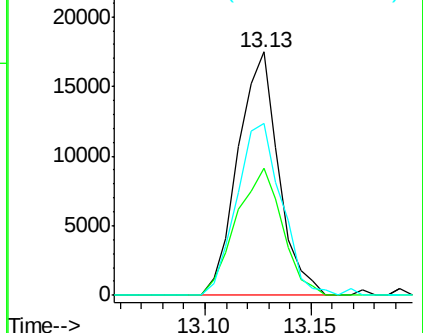
138 70.7 93.9 140.9#



Abundance Ion 65.00 (64.70 to 65.70): BM010964.D (-1732) (-)

Ion 92.00 (91.70 to 92.70): BM010964.D (-1732) (-)

Ion 138.00 (137.70 to 138.70): BM010964.D (-1732) (-)



#48

Acenaphthylene

Concen: 2.223 ng

RT: 13.76 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BM010964.D

Acq: 26 Jul 2017 10:53

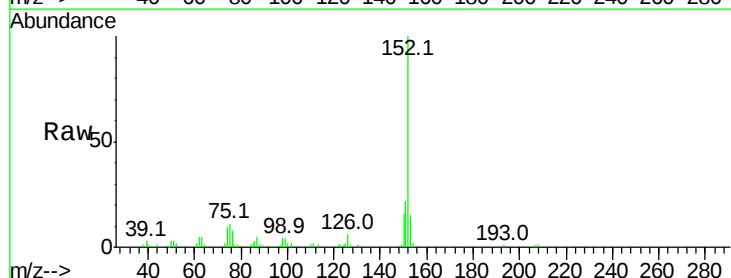
Tgt Ion: 152 Resp: 104742

Ion Ratio Lower Upper

152 100

151 21.8 15.9 23.9

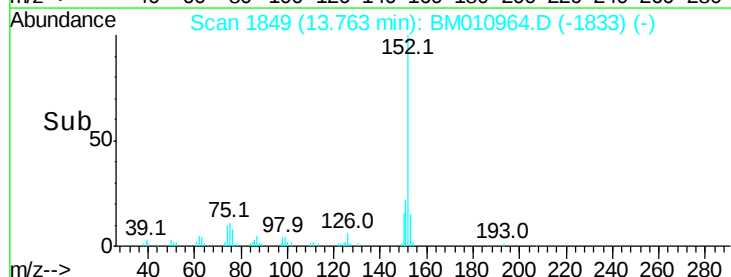
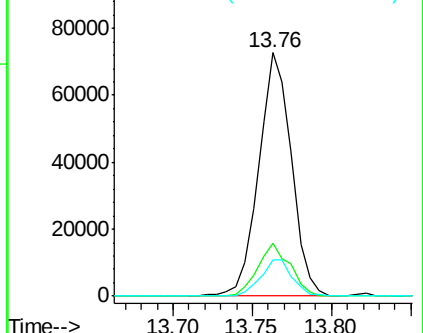
153 14.9 10.6 16.0

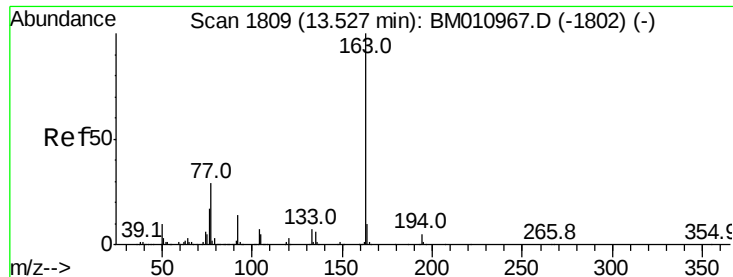


Abundance Ion 152.00 (151.70 to 152.70): BM010964.D (-1833) (-)

Ion 151.00 (150.70 to 151.70): BM010964.D (-1833) (-)

Ion 153.00 (152.70 to 153.70): BM010964.D (-1833) (-)





#49

Dimethylphthalate

Concen: 2.573 ng

RT: 13.52 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BM010964.D

Acq: 26 Jul 2017 10:53

Instrument :

BNA\_M

ClientSampleId :

SSTDICC2.5

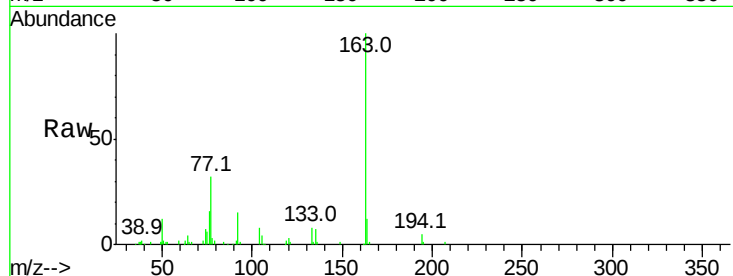
Tot Ion:163 Resp: 108536

Ion Ratio Lower Upper

163 100

194 4.7 2.7 4.1#

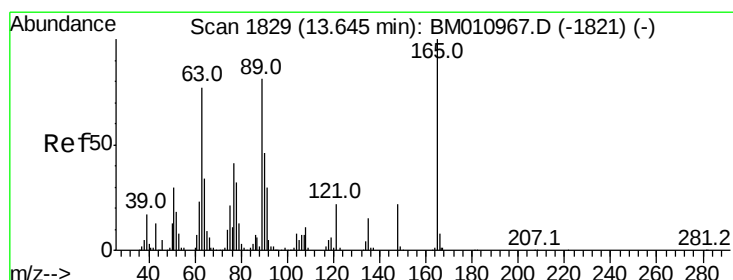
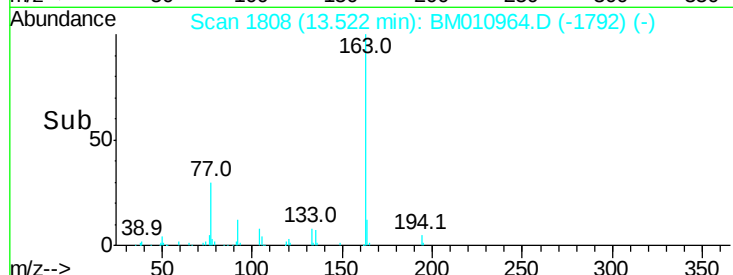
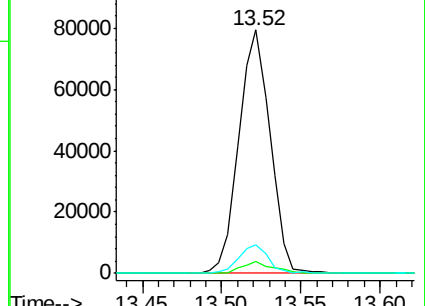
164 11.9 8.2 12.2



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: 2.243 ng

RT: 13.64 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BM010964.D

Acq: 26 Jul 2017 10:53

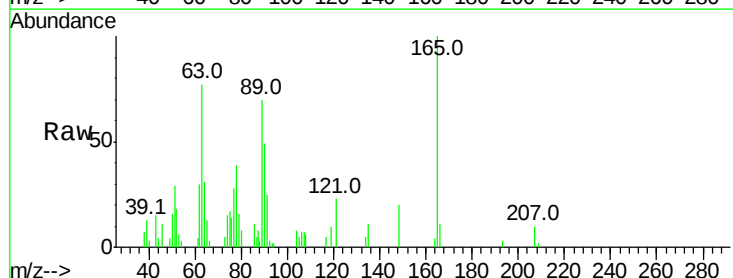
Tgt Ion:165 Resp: 18561

Ion Ratio Lower Upper

165 100

63 76.7 44.1 66.1#

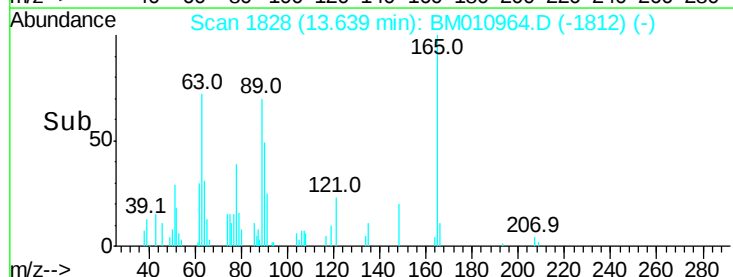
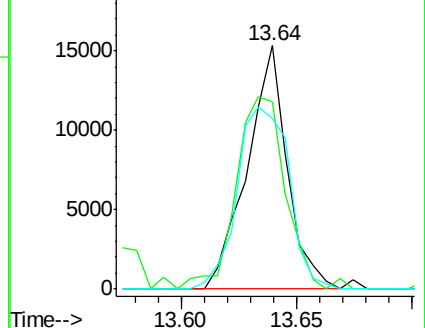
89 70.1 44.3 66.5#

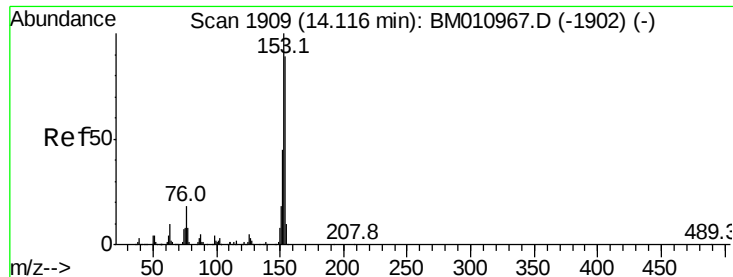


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 2.459 ng

RT: 14.12 min Scan# 1909

Delta R.T. 0.00 min

Lab File: BM010964.D

Acq: 26 Jul 2017 10:53

Instrument :

BNA\_M

ClientSampleId :

SSTDICC2.5

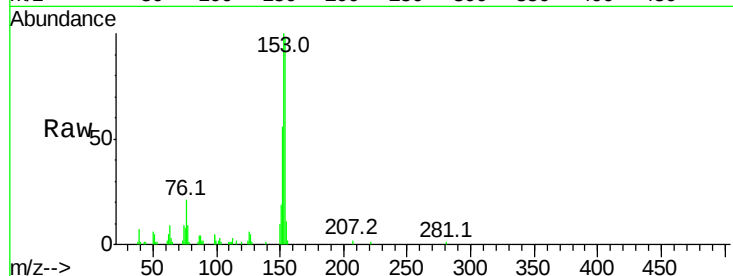
Tot Ion:154 Resp: 70777

Ion Ratio Lower Upper

154 100

153 101.9 90.0 135.0

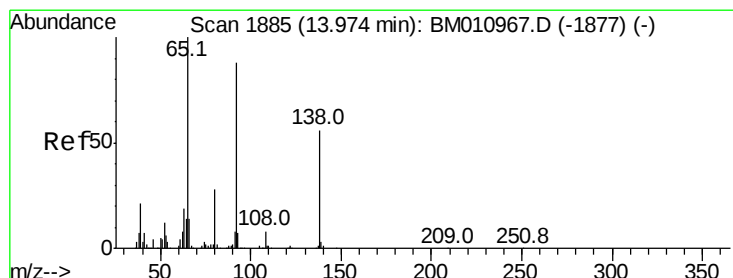
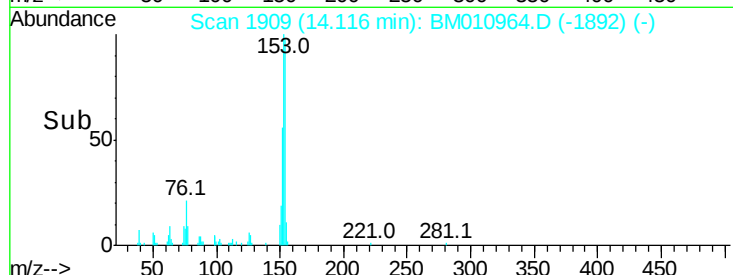
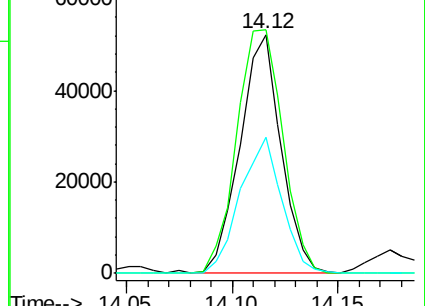
152 57.0 42.6 63.8



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: 2.239 ng

RT: 13.97 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BM010964.D

Acq: 26 Jul 2017 10:53

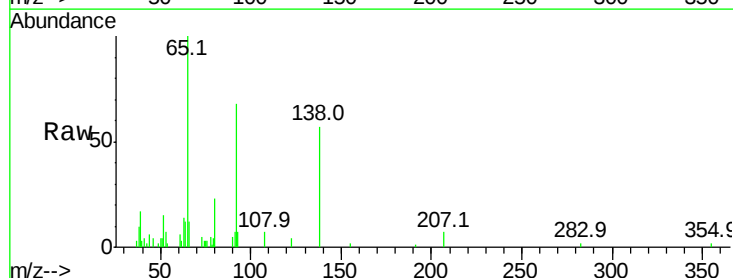
Tgt Ion:138 Resp: 16843

Ion Ratio Lower Upper

138 100

108 12.4 7.3 10.9#

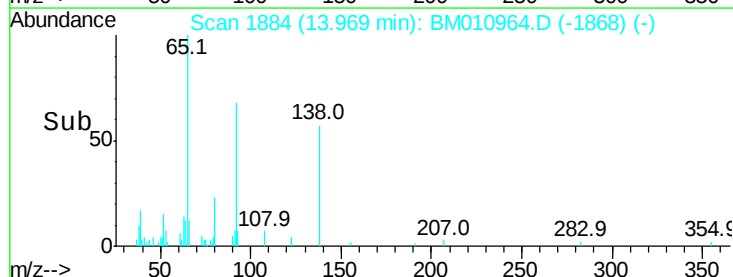
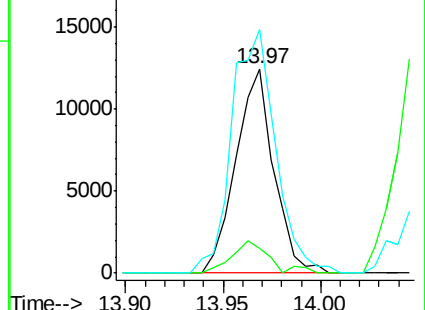
92 119.1 76.6 114.8#

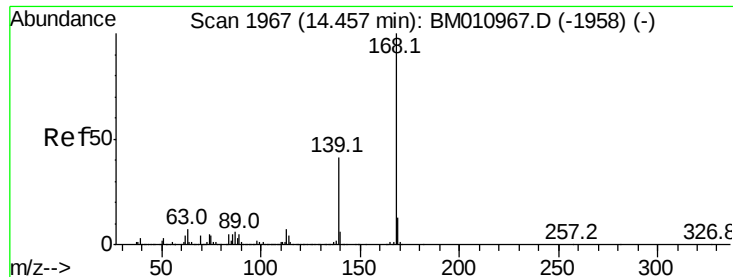


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#54

Dibenzofuran

Concen: 2.506 ng

RT: 14.45 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BM010964.D

Acq: 26 Jul 2017 10:53

Instrument :

BNA\_M

ClientSampleId :

SSTDICC2.5

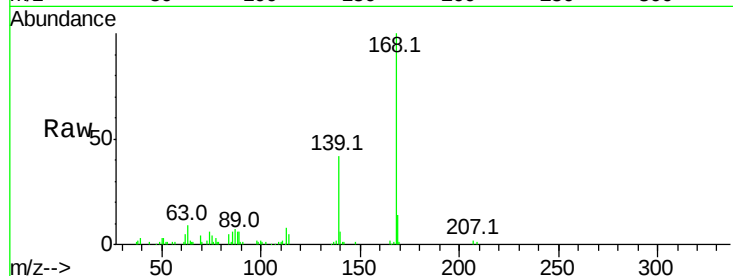
Tot Ion:168 Resp: 116701

Ion Ratio Lower Upper

168 100

139 41.9 27.3 40.9#

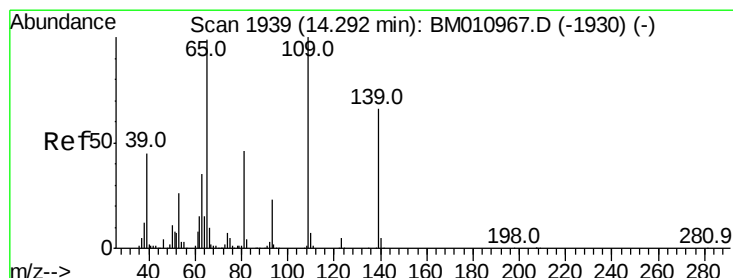
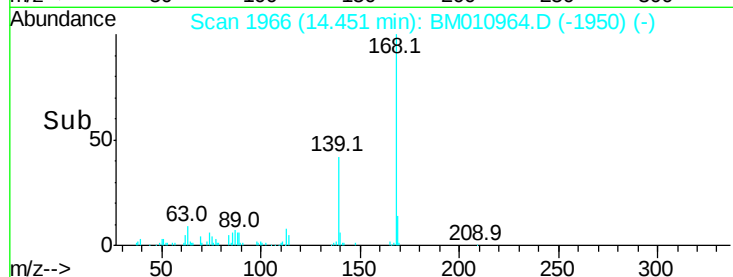
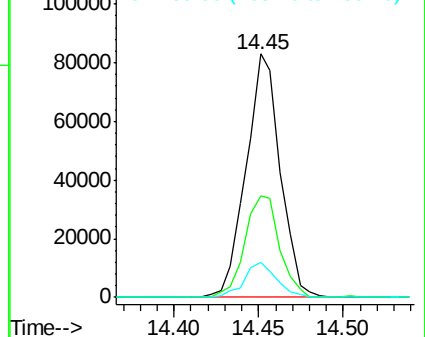
169 14.1 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 2.150 ng

RT: 14.29 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BM010964.D

Acq: 26 Jul 2017 10:53

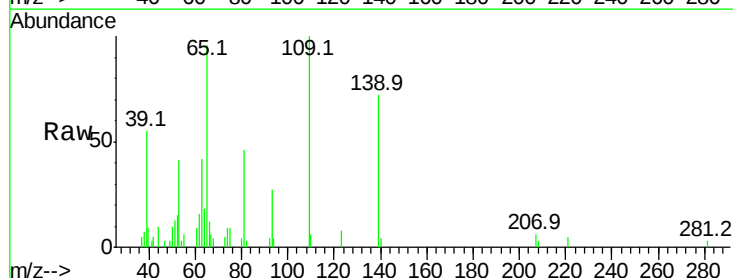
Tgt Ion:139 Resp: 14047

Ion Ratio Lower Upper

139 100

109 138.8 37.7 77.7#

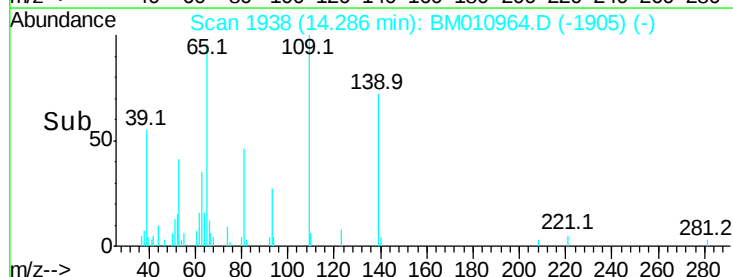
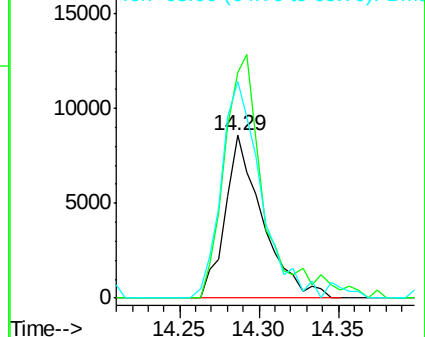
65 132.9 49.9 89.9#

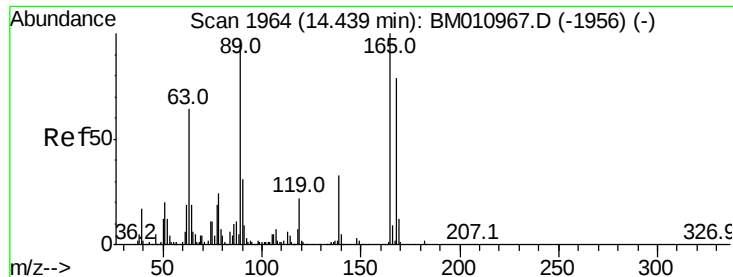


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM

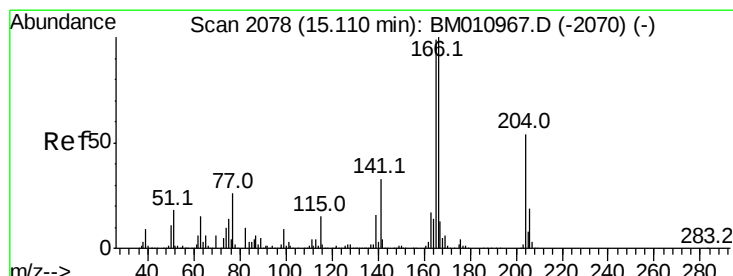
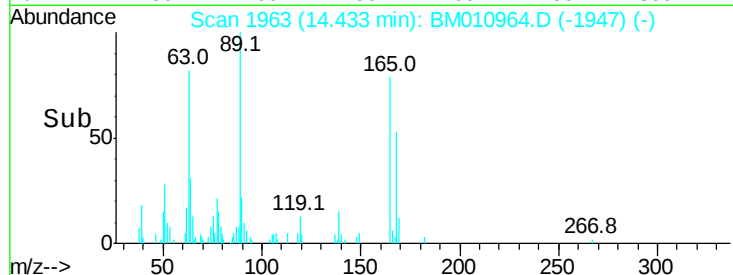
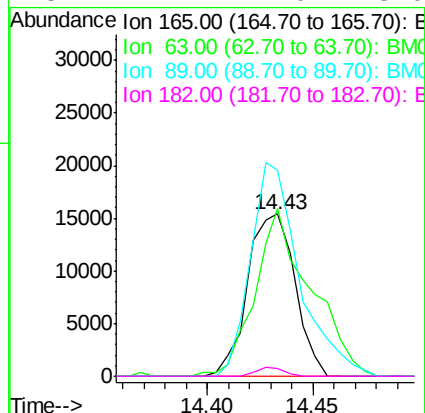
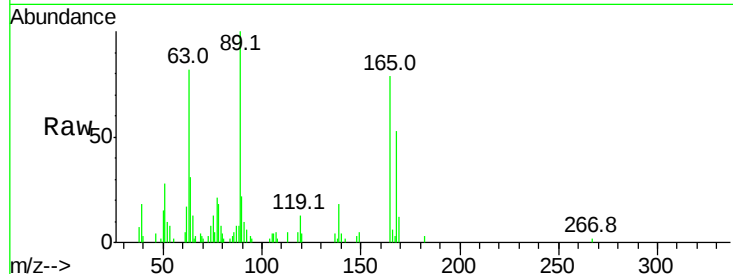




#56  
2,4-Dinitrotoluene  
Concen: 2.091 ng  
RT: 14.43 min Scan# 1963  
Delta R.T. -0.01 min  
Lab File: BM010964.D  
Acq: 26 Jul 2017 10:53

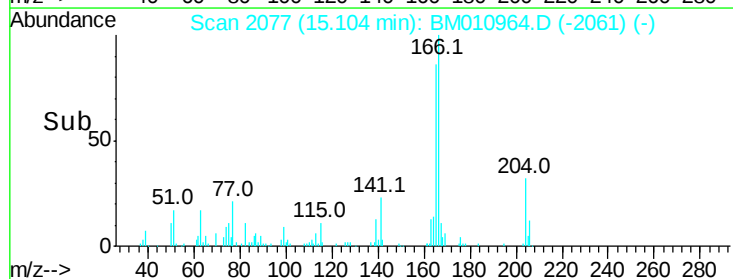
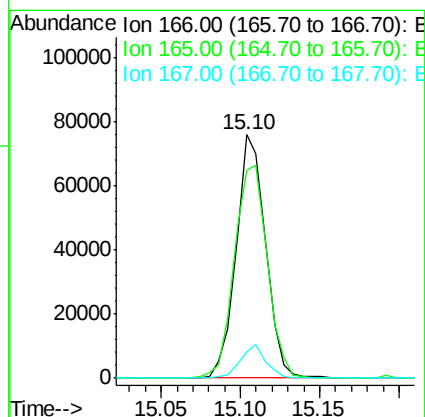
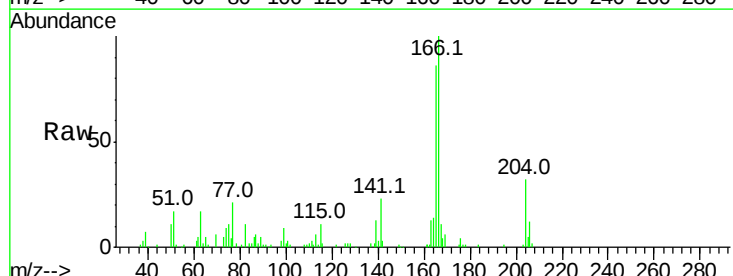
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC2.5

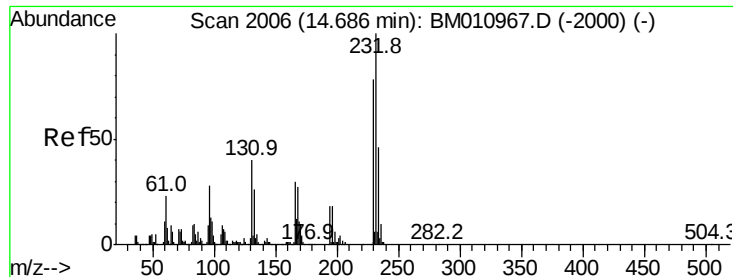
Tot Ion:165 Resp: 24001  
Ion Ratio Lower Upper  
165 100  
63 103.8 52.4 78.6#  
89 127.1 72.4 108.6#  
182 4.4 2.0 3.0#



#57  
Fluorene  
Concen: 2.444 ng  
RT: 15.10 min Scan# 2077  
Delta R.T. -0.01 min  
Lab File: BM010964.D  
Acq: 26 Jul 2017 10:53

Tgt Ion:166 Resp: 97833  
Ion Ratio Lower Upper  
166 100  
165 85.5 79.0 118.4  
167 10.6 10.3 15.5

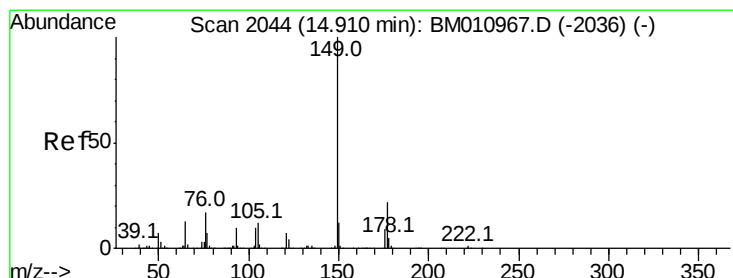
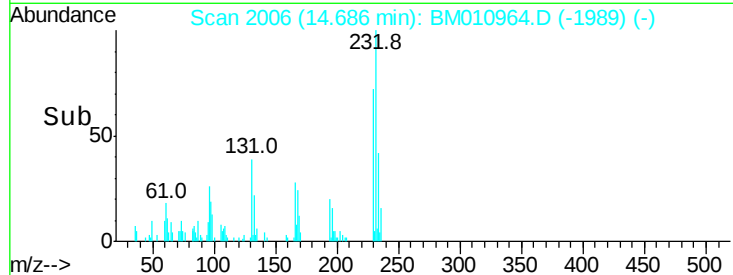
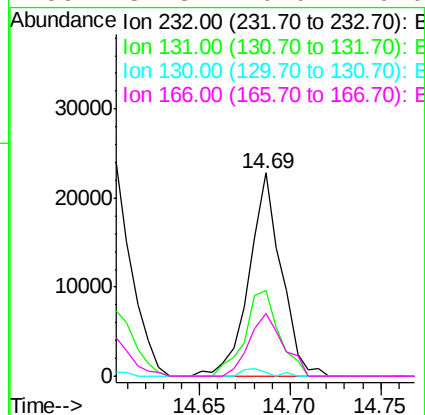
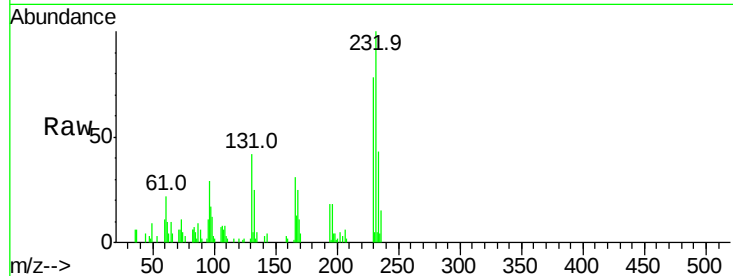




#58  
2,3,4,6-Tetrachlorophenol  
Concen: 2.296 ng  
RT: 14.69 min Scan# 2006  
Delta R.T. 0.00 min  
Lab File: BM010964.D  
Acq: 26 Jul 2017 10:53

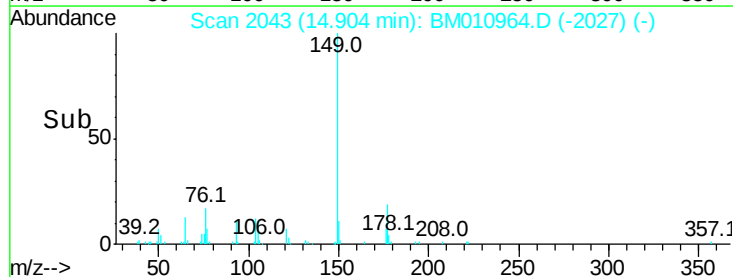
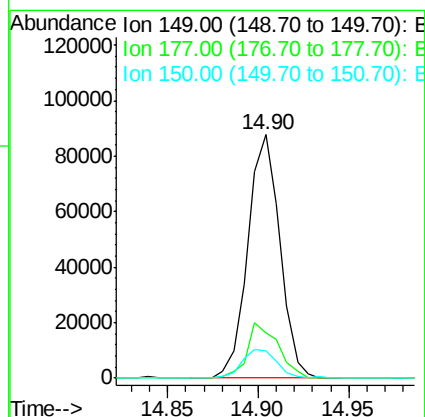
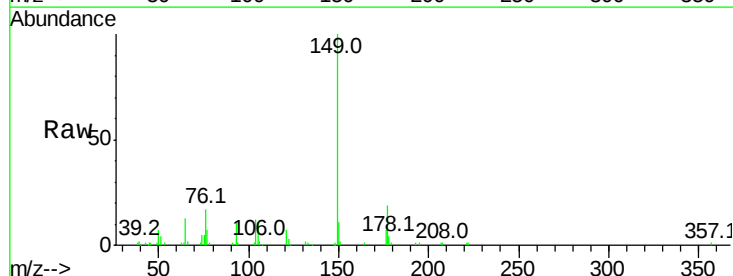
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC2.5

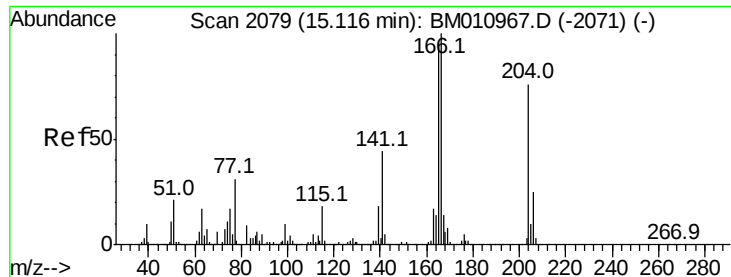
Tot Ion:232 Resp: 28027  
Ion Ratio Lower Upper  
232 100  
131 45.1 0.0 0.0#  
130 3.0 0.0 0.0#  
166 32.3 0.0 0.0#



#59  
Diethylphthalate  
Concen: 2.583 ng  
RT: 14.90 min Scan# 2043  
Delta R.T. -0.01 min  
Lab File: BM010964.D  
Acq: 26 Jul 2017 10:53

Tgt Ion:149 Resp: 107616  
Ion Ratio Lower Upper  
149 100  
177 18.5 18.3 27.5  
150 11.1 9.8 14.8

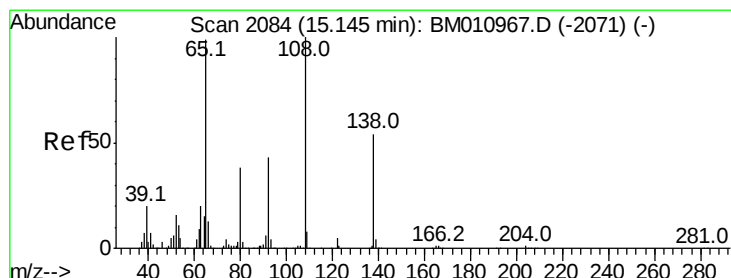
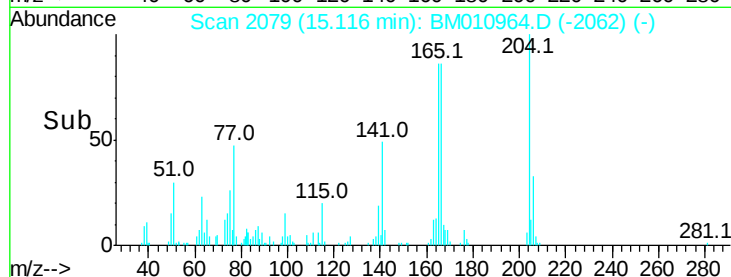
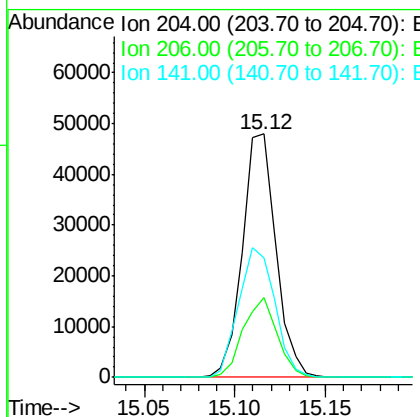
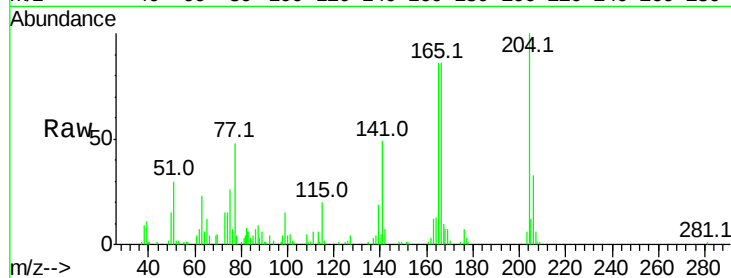




#60  
4-Chlorophenyl-phenylether  
Concen: 2.514 ng  
RT: 15.12 min Scan# 2079  
Delta R.T. 0.00 min  
Lab File: BM010964.D  
Acq: 26 Jul 2017 10:53

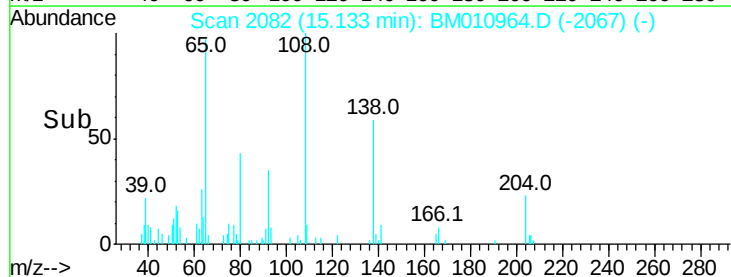
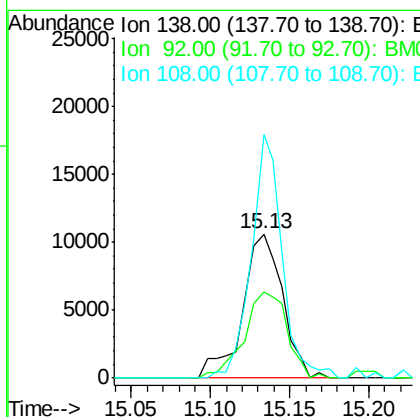
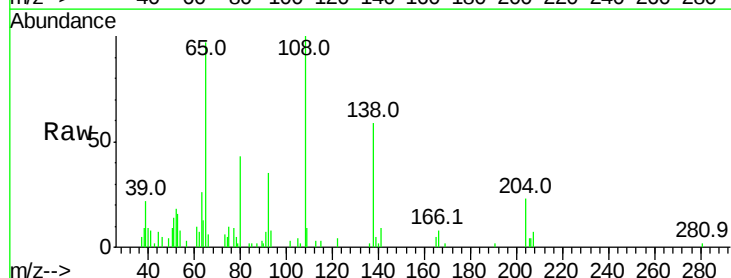
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC2.5

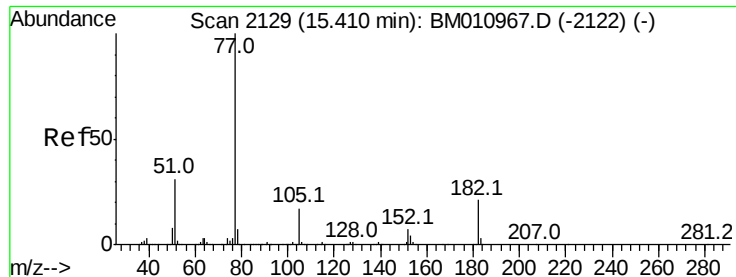
Tot Ion:204 Resp: 61814  
Ion Ratio Lower Upper  
204 100  
206 32.5 26.6 39.8  
141 49.0 45.2 67.8



#61  
4-Nitroaniline  
Concen: 2.371 ng  
RT: 15.13 min Scan# 2082  
Delta R.T. -0.01 min  
Lab File: BM010964.D  
Acq: 26 Jul 2017 10:53

Tgt Ion:138 Resp: 18636  
Ion Ratio Lower Upper  
138 100  
92 59.4 16.7 56.7#  
108 168.8 37.6 77.6#





#62

Azobenzene

Concen: 2.556 ng

RT: 15.40 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BM010964.D

Acq: 26 Jul 2017 10:53

Instrument :

BNA\_M

ClientSampleId :

SSTDICC2.5

Tot Ion: 77 Resp: 108108

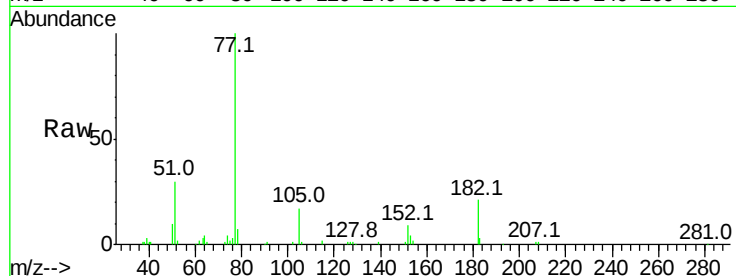
Ion Ratio Lower Upper

77 100

182 21.5 6.5 46.5

105 16.5 3.8 43.8

51 30.5 5.5 45.5

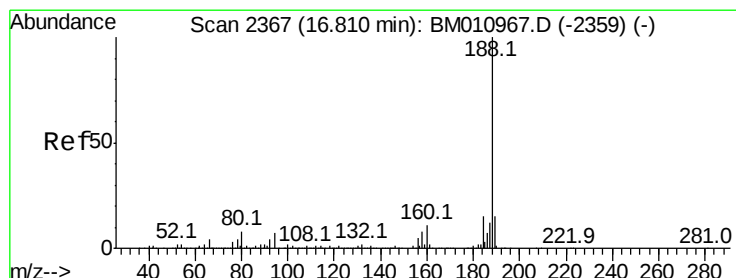
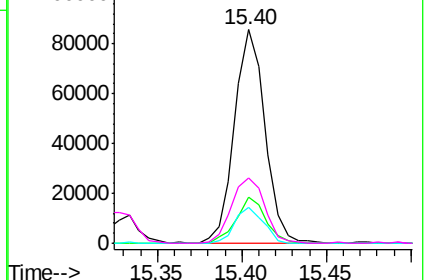
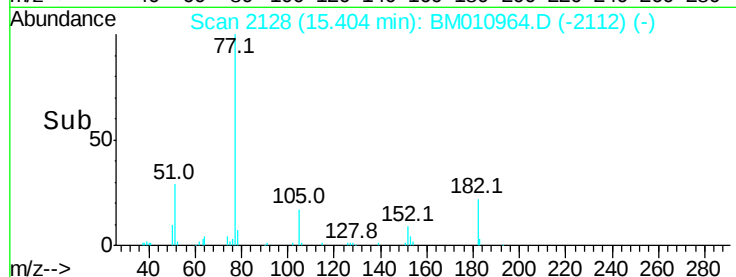


Abundance Ion 77.00 (76.70 to 77.70): BM0

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): BM0



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.80 min Scan# 2366

Delta R.T. -0.01 min

Lab File: BM010964.D

Acq: 26 Jul 2017 10:53

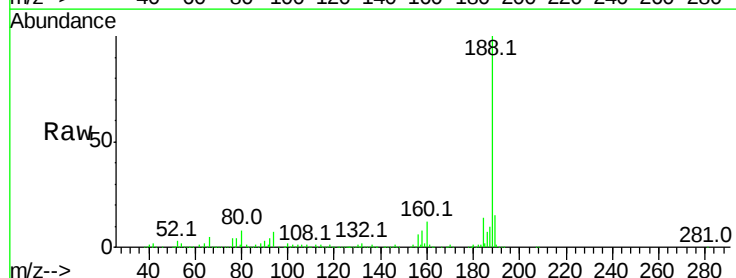
Tgt Ion: 188 Resp: 1328474

Ion Ratio Lower Upper

188 100

94 6.9 8.7 13.1#

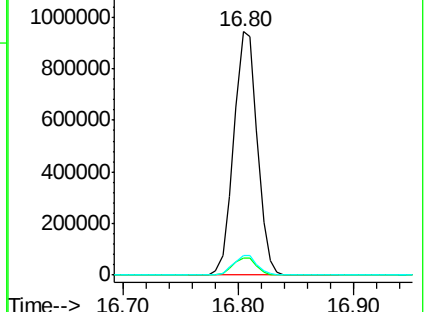
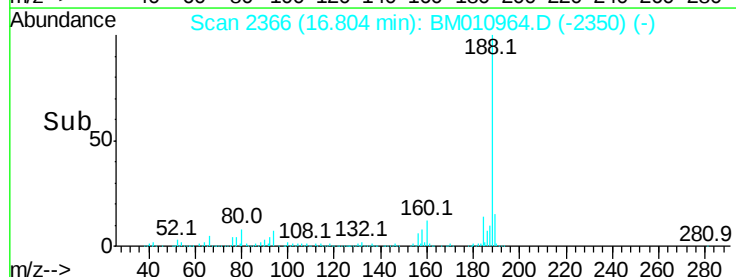
80 8.3 9.3 13.9#

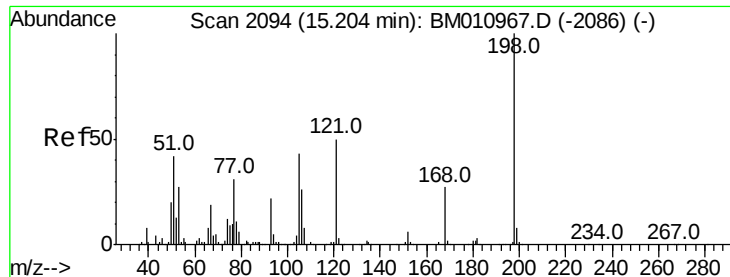


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

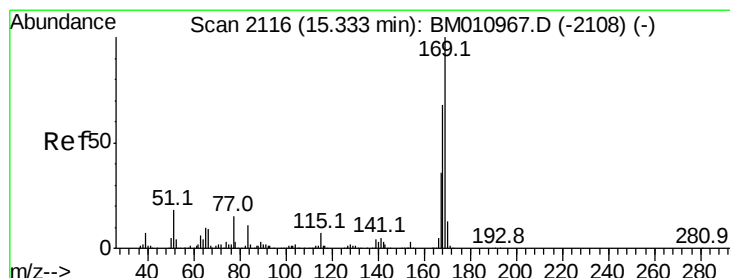
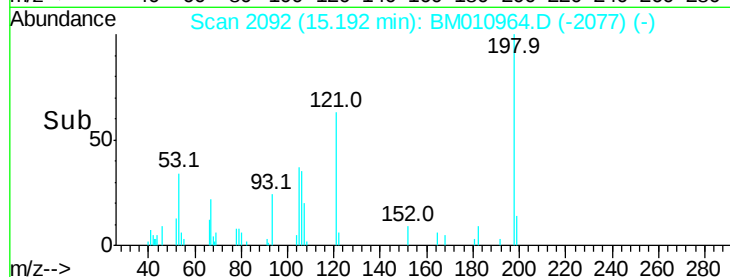
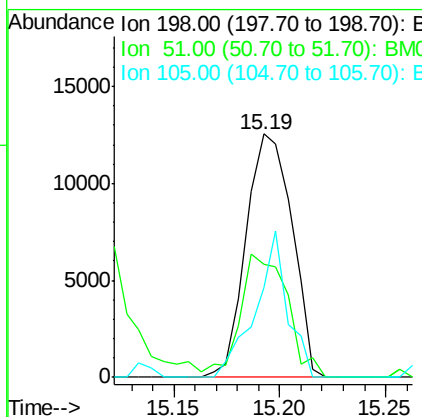
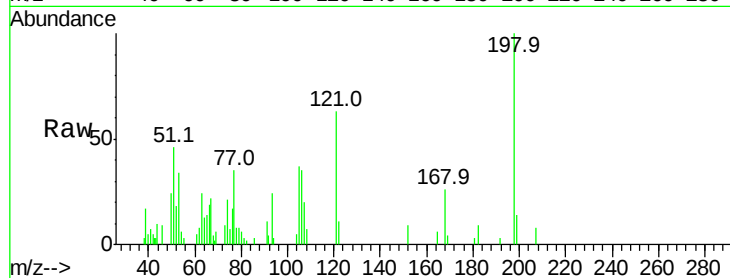




#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 2.168 ng  
 RT: 15.19 min Scan# 2092  
 Delta R.T. -0.01 min  
 Lab File: BM010964.D  
 Acq: 26 Jul 2017 10:53

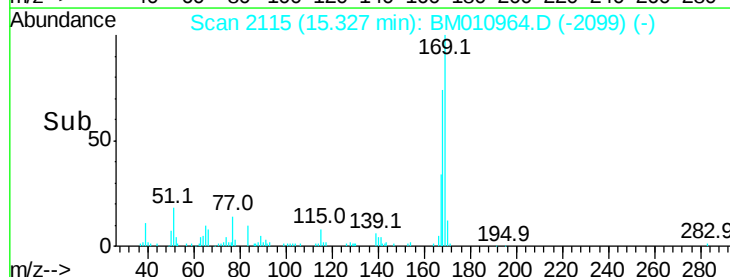
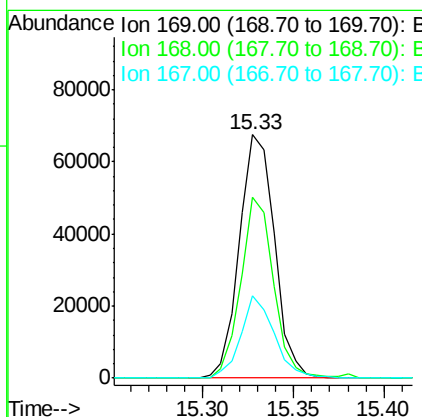
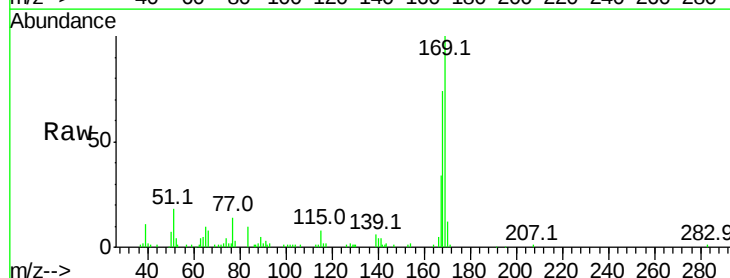
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC2.5

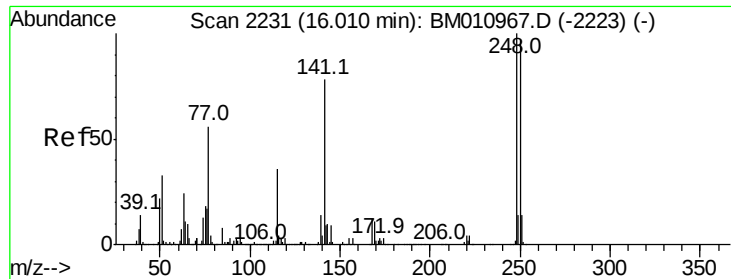
| Tot Ion   | 198  | Resp  | 18989 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 51        | 46.2 | 28.8  | 68.8  |
| 105       | 36.9 | 30.5  | 70.5  |



#65  
 n-Nitrosodiphenylamine  
 Concen: 2.402 ng  
 RT: 15.33 min Scan# 2115  
 Delta R.T. -0.01 min  
 Lab File: BM010964.D  
 Acq: 26 Jul 2017 10:53

| Tgt Ion   | 169  | Resp  | 91305 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 168       | 74.1 | 53.9  | 80.9  |
| 167       | 34.0 | 28.9  | 43.3  |

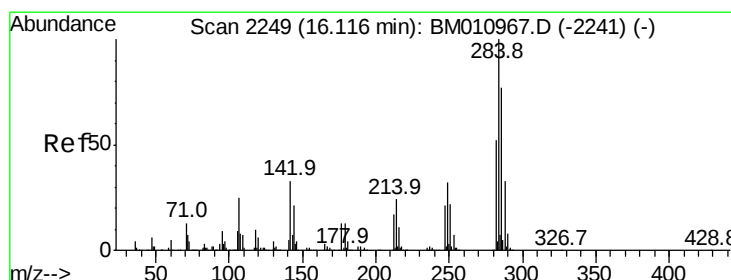
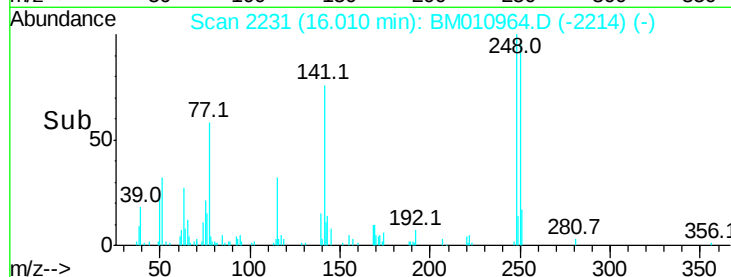
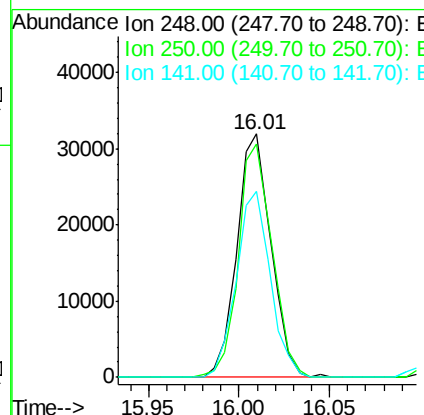
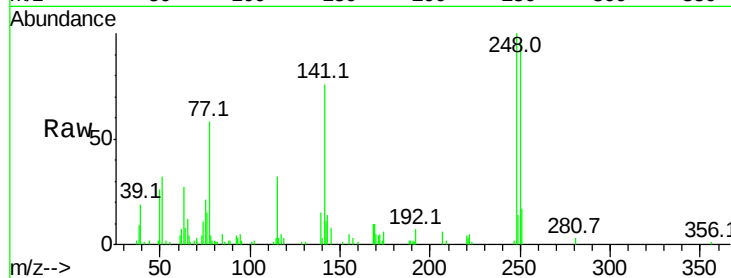




#66  
4-Bromophenyl-phenylether  
Concen: 2.474 ng  
RT: 16.01 min Scan# 2231  
Delta R.T. 0.00 min  
Lab File: BM010964.D  
Acq: 26 Jul 2017 10:53

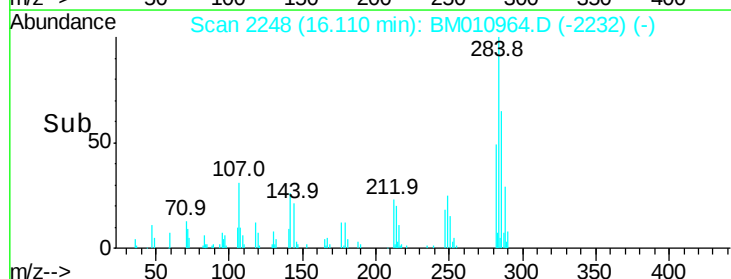
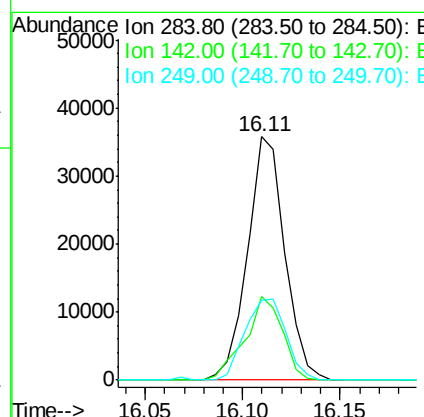
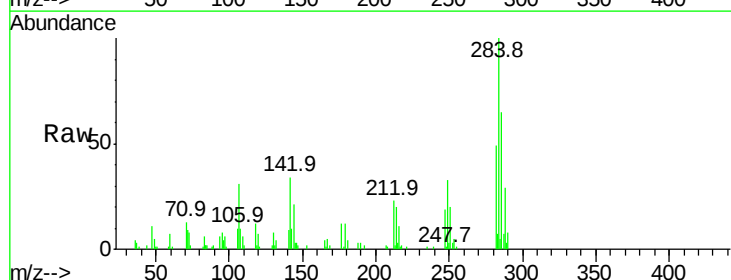
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC2.5

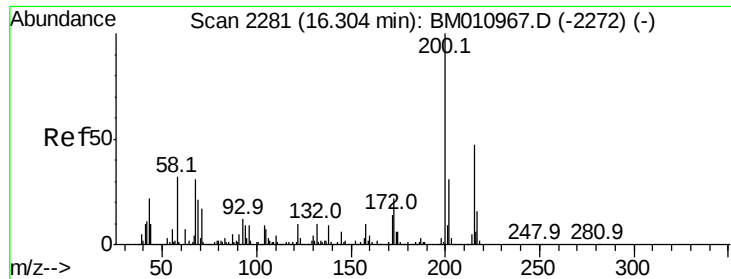
Tot Ion:248 Resp: 41651  
Ion Ratio Lower Upper  
248 100  
250 95.8 77.4 116.0  
141 76.3 45.2 67.8#



#67  
Hexachlorobenzene  
Concen: 2.454 ng  
RT: 16.11 min Scan# 2248  
Delta R.T. -0.01 min  
Lab File: BM010964.D  
Acq: 26 Jul 2017 10:53

Tgt Ion:284 Resp: 47248  
Ion Ratio Lower Upper  
284 100  
142 34.3 20.4 30.6#  
249 32.8 23.8 35.6

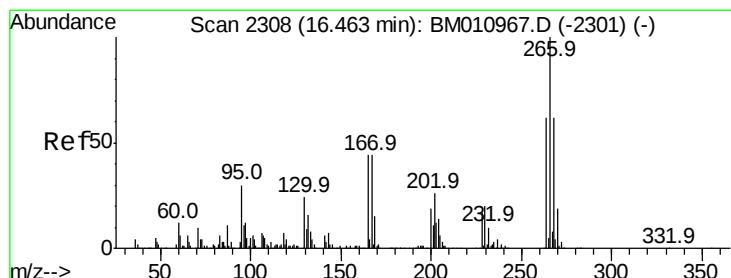
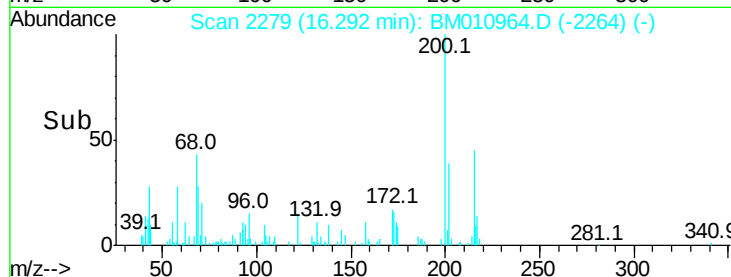
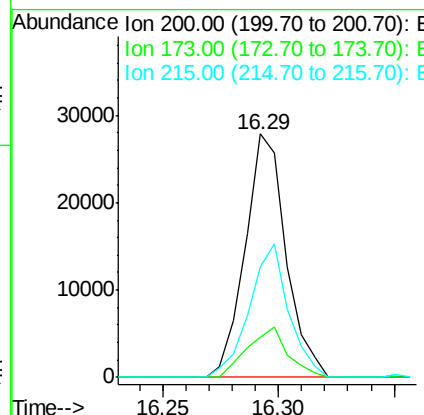
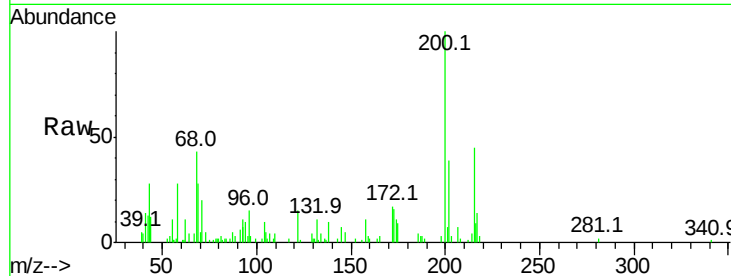




#68  
Atrazine  
Concen: 2.185 ng  
RT: 16.29 min Scan# 2279  
Delta R.T. -0.01 min  
Lab File: BM010964.D  
Acq: 26 Jul 2017 10:53

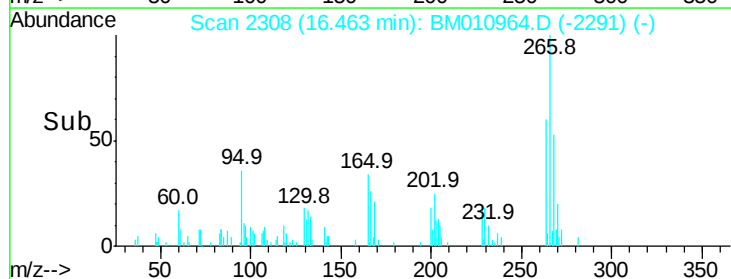
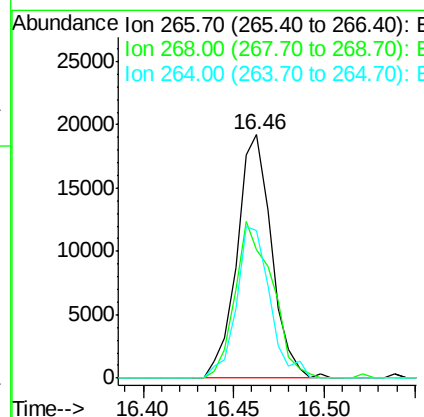
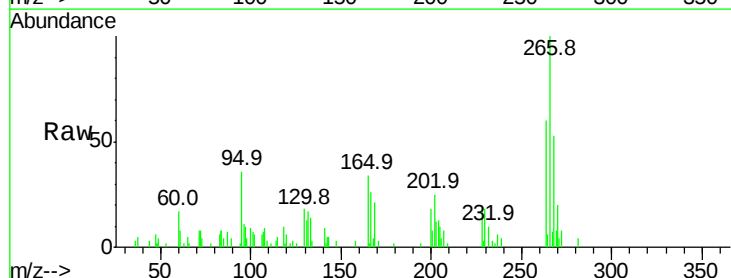
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC2.5

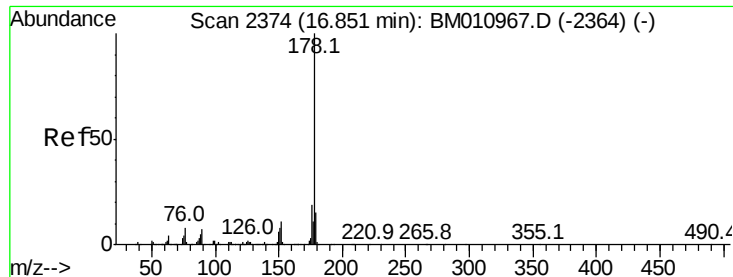
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 16.3  | 4.8   | 44.8  |
| 215     | 45.4  | 26.9  | 66.9  |



#69  
Pentachlorophenol  
Concen: 2.063 ng  
RT: 16.46 min Scan# 2308  
Delta R.T. 0.00 min  
Lab File: BM010964.D  
Acq: 26 Jul 2017 10:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 52.9  | 52.0  | 78.0  |
| 264     | 66.2  | 49.0  | 73.4  |





#70

Phenanthrene

Concen: 2.430 ng

RT: 16.84 min Scan# 2373

Delta R.T. -0.01 min

Lab File: BM010964.D

Acq: 26 Jul 2017 10:53

Instrument :

BNA\_M

ClientSampleId :

SSTDICC2.5

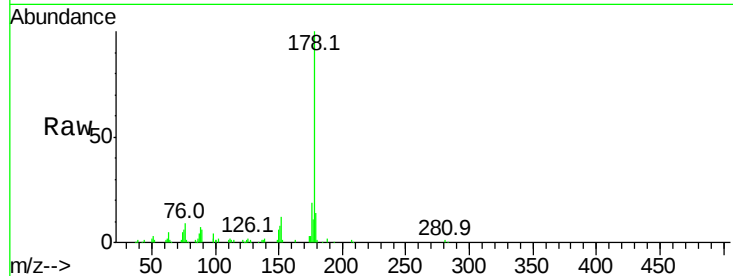
Tot Ion:178 Resp: 167970

Ion Ratio Lower Upper

178 100

176 18.7 15.2 22.8

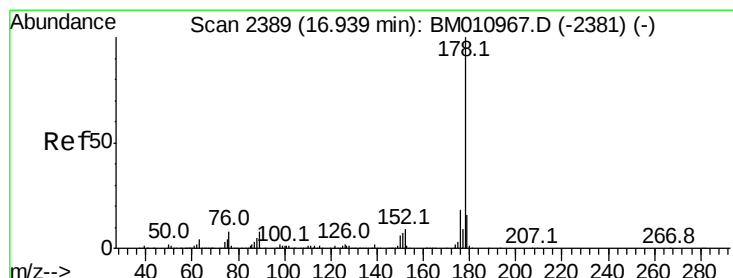
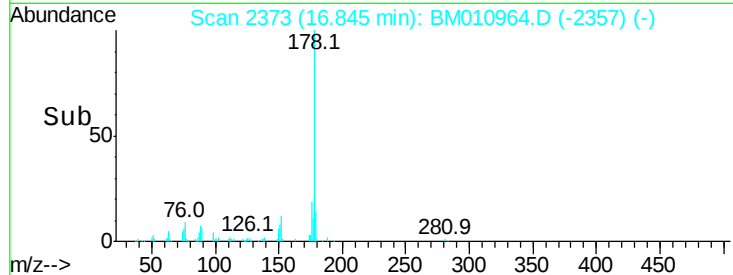
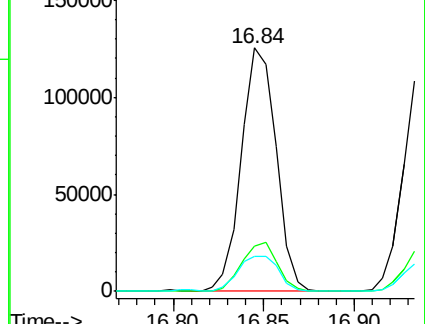
179 14.2 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 2.372 ng

RT: 16.94 min Scan# 2389

Delta R.T. 0.00 min

Lab File: BM010964.D

Acq: 26 Jul 2017 10:53

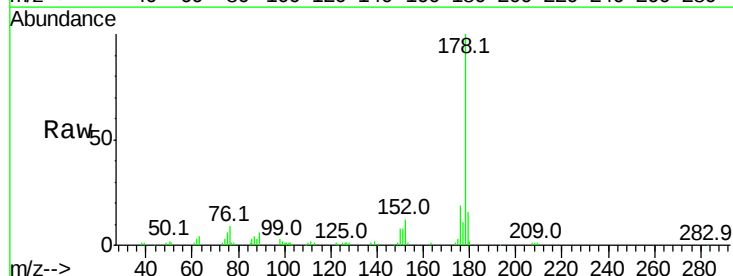
Tgt Ion:178 Resp: 162715

Ion Ratio Lower Upper

178 100

176 19.3 14.6 22.0

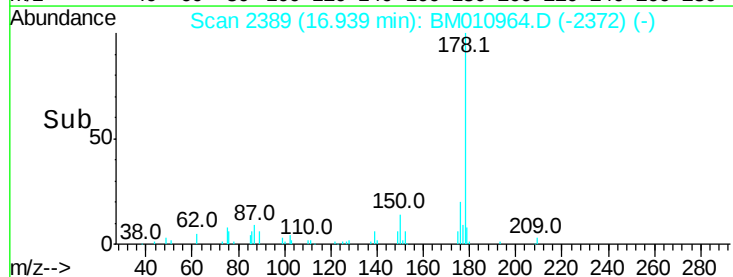
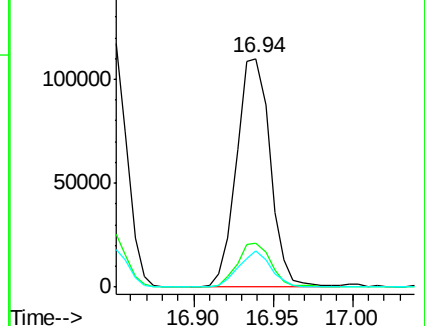
179 16.0 12.6 19.0

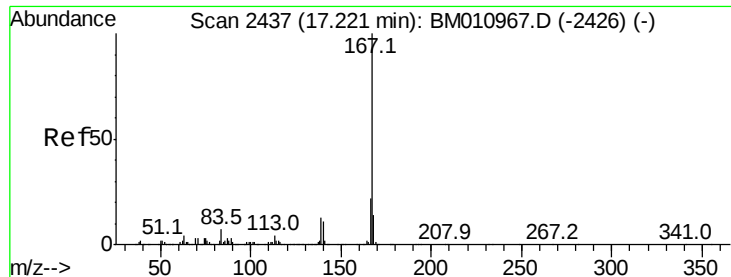


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 2.349 ng

RT: 17.22 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BM010964.D

Acq: 26 Jul 2017 10:53

Instrument :

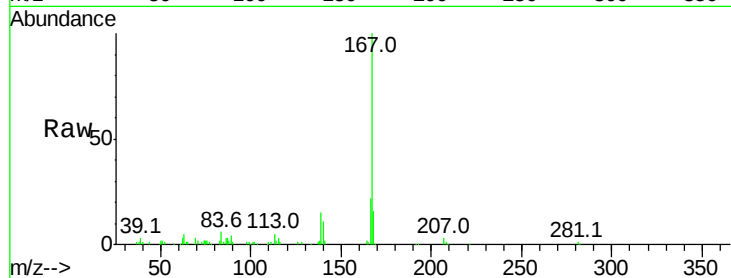
BNA\_M

ClientSampleId :

SSTDICC2.5

Tot Ion:167 Resp: 141930

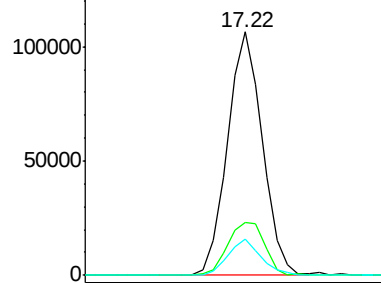
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.9  | 17.2  | 25.8  |
| 139 | 15.1  | 10.8  | 16.2  |



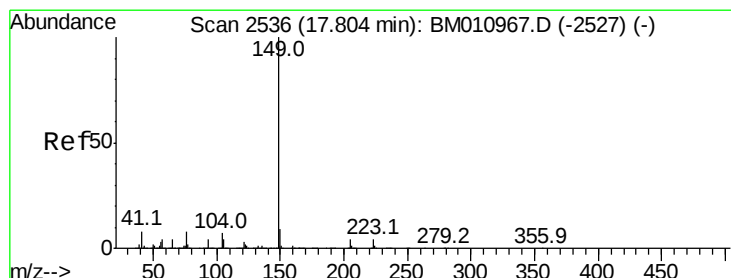
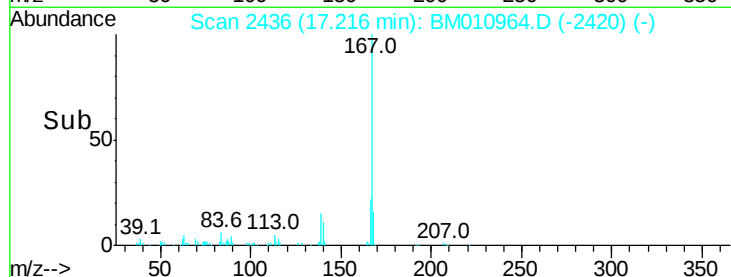
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#73

Di-n-butylphthalate

Concen: 2.255 ng

RT: 17.80 min Scan# 2536

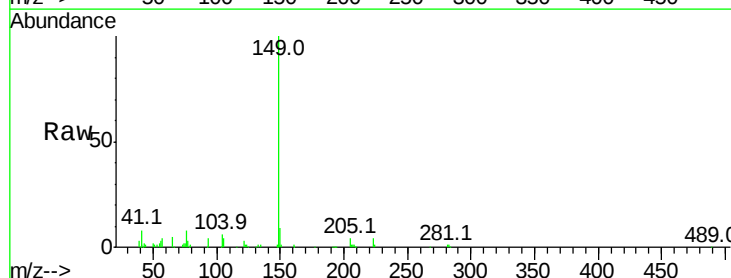
Delta R.T. 0.00 min

Lab File: BM010964.D

Acq: 26 Jul 2017 10:53

Tgt Ion:149 Resp: 161201

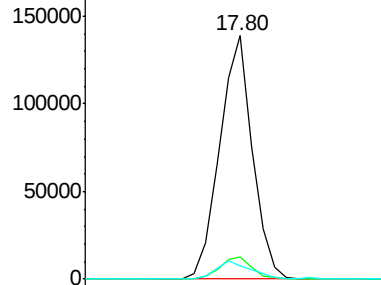
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.3   | 7.5   | 11.3  |
| 104 | 5.7   | 3.7   | 5.5#  |



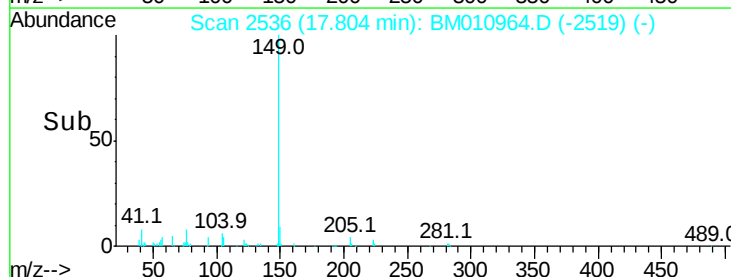
Abundance Ion 149.00 (148.70 to 149.70): E

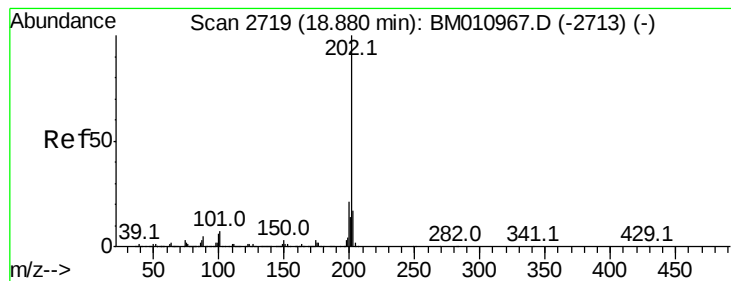
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#74

Fluoranthene

Concen: 2.503 ng

RT: 18.88 min Scan# 2719

Delta R.T. 0.00 min

Lab File: BM010964.D

Acq: 26 Jul 2017 10:53

Instrument :

BNA\_M

ClientSampleId :

SSTDICC2.5

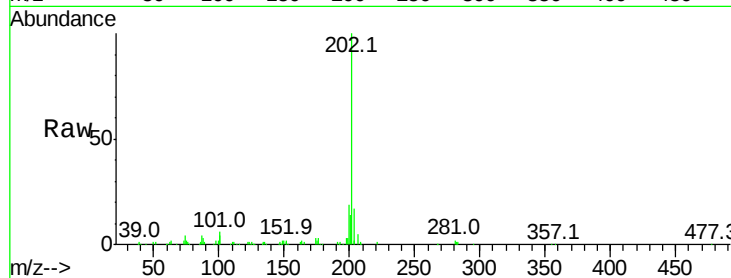
Tot Ion:202 Resp: 214256

Ion Ratio Lower Upper

202 100

101 6.4 0.0 28.7

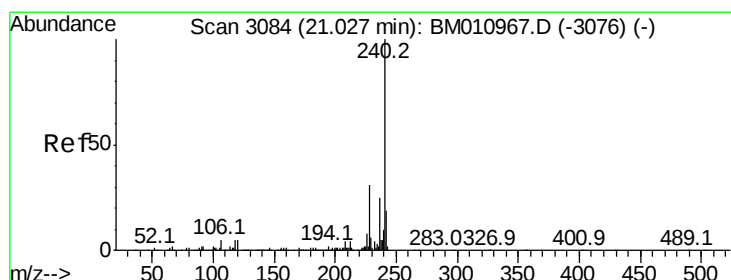
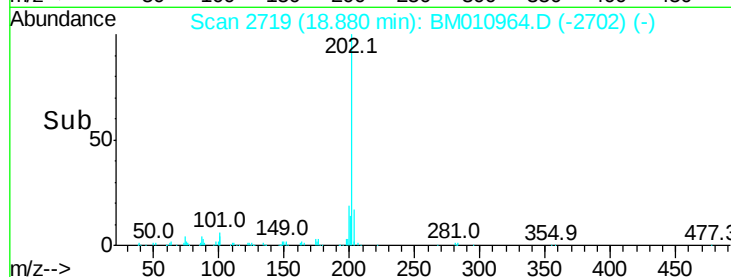
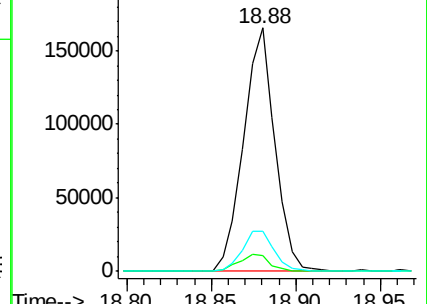
203 16.7 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.03 min Scan# 3084

Delta R.T. 0.00 min

Lab File: BM010964.D

Acq: 26 Jul 2017 10:53

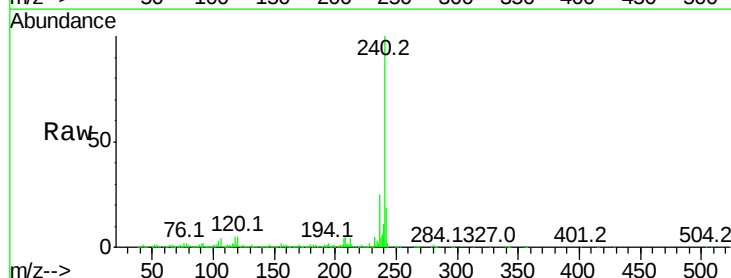
Tgt Ion:240 Resp: 1719600

Ion Ratio Lower Upper

240 100

120 5.0 8.2 12.2#

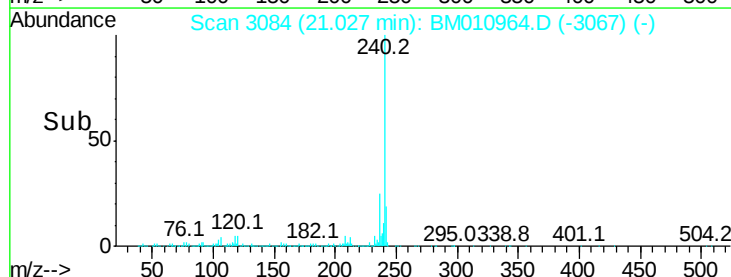
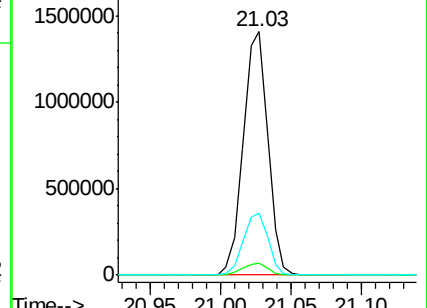
236 25.2 20.0 30.0

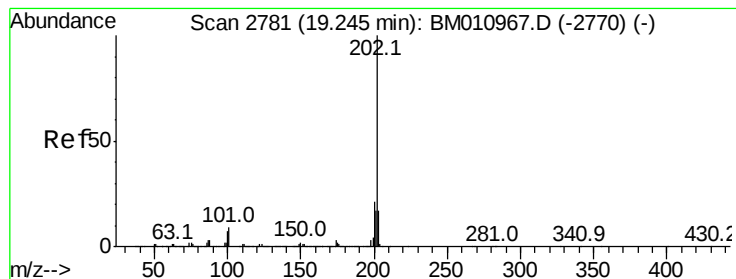


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.234 ng

RT: 19.24 min Scan# 2781

Delta R.T. 0.00 min

Lab File: BM010964.D

Acq: 26 Jul 2017 10:53

Instrument :

BNA\_M

ClientSampleId :

SSTDICC2.5

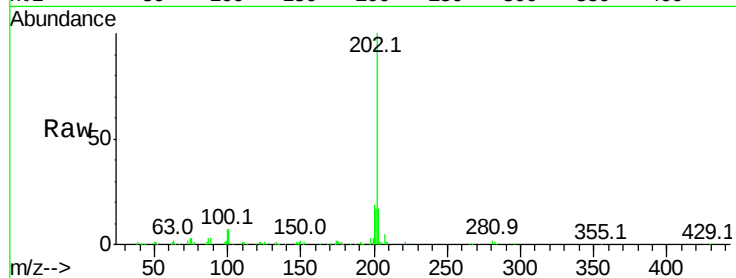
Tot Ion:202 Resp: 222710

Ion Ratio Lower Upper

202 100

200 18.7 16.9 25.3

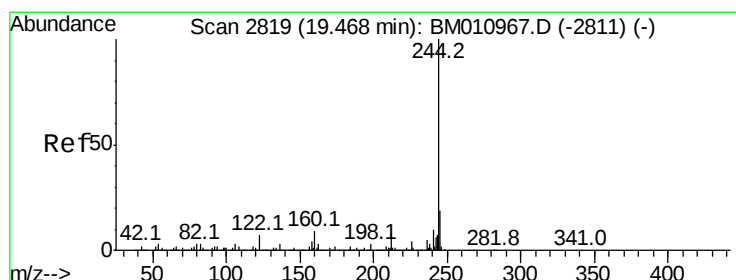
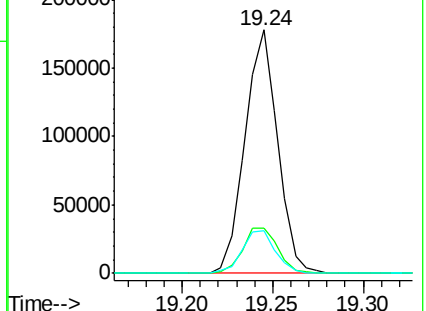
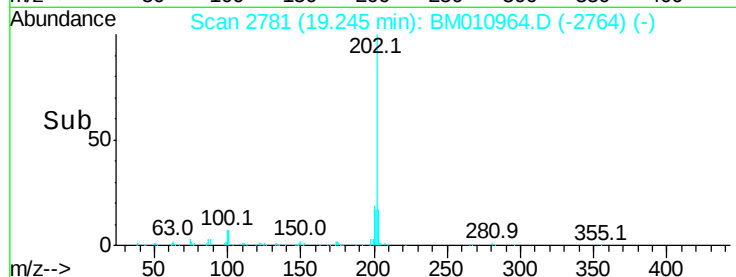
203 17.5 14.1 21.1



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: 4.576 ng

RT: 19.47 min Scan# 2819

Delta R.T. 0.00 min

Lab File: BM010964.D

Acq: 26 Jul 2017 10:53

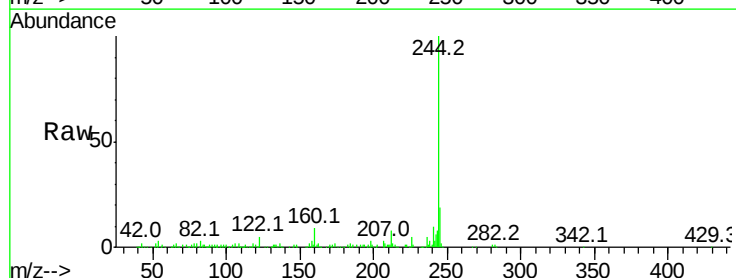
Tgt Ion:244 Resp: 406847

Ion Ratio Lower Upper

244 100

212 7.6 4.9 7.3#

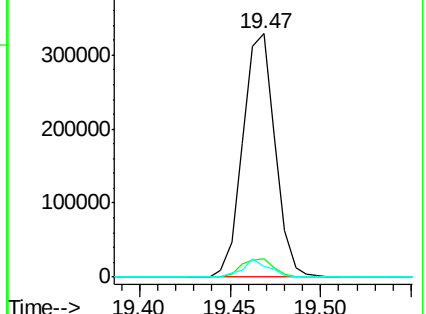
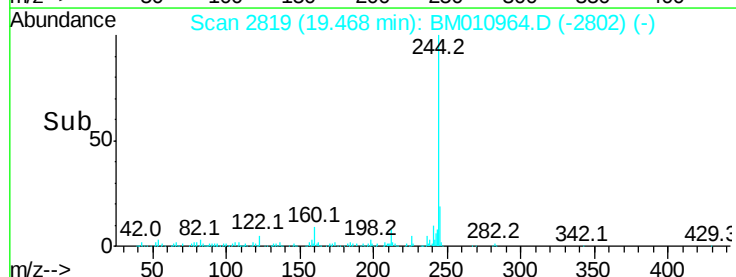
122 4.6 6.2 9.4#

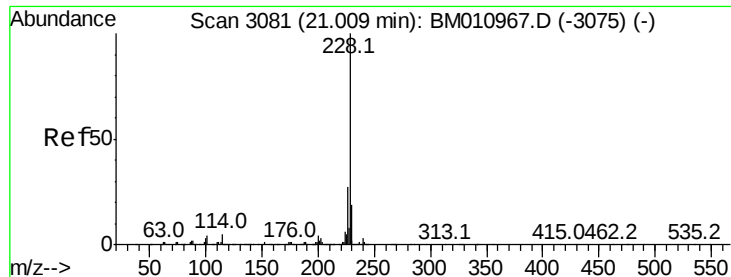


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 2.384 ng

RT: 21.01 min Scan# 3081

Delta R.T. 0.00 min

Lab File: BM010964.D

Acq: 26 Jul 2017 10:53

Instrument :

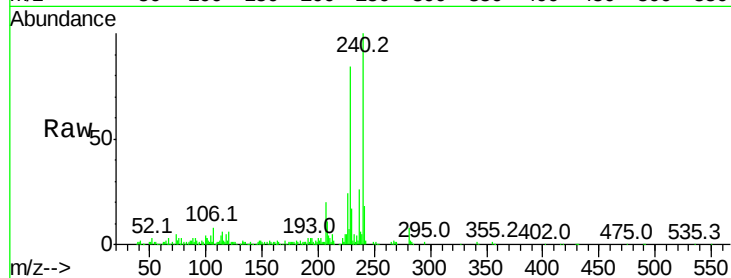
BNA\_M

ClientSampled :

SSTDICC2.5

Tot Ion:228 Resp: 237541

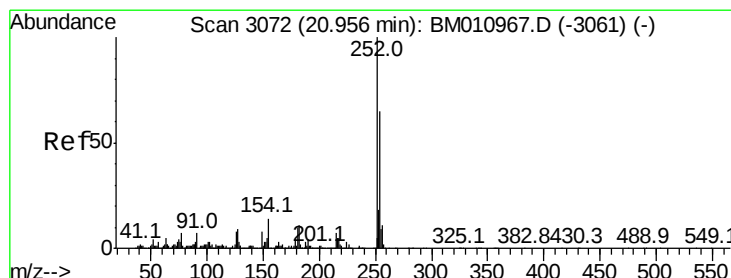
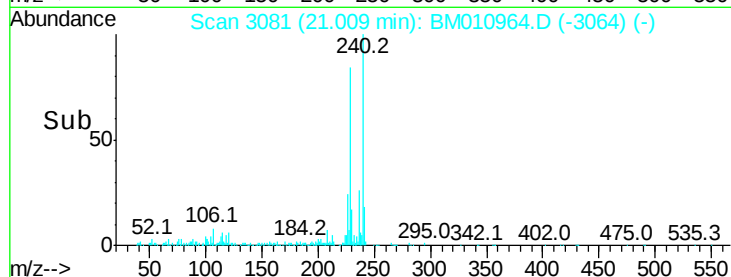
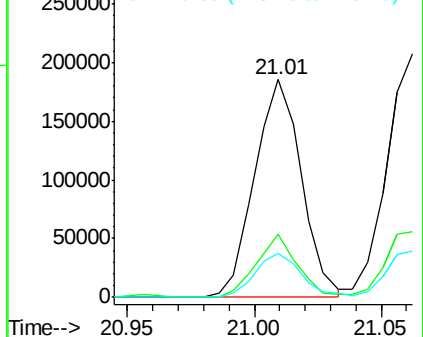
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.0  | 21.7  | 32.5  |
| 229 | 20.2  | 16.0  | 24.0  |



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 2.122 ng

RT: 20.96 min Scan# 3072

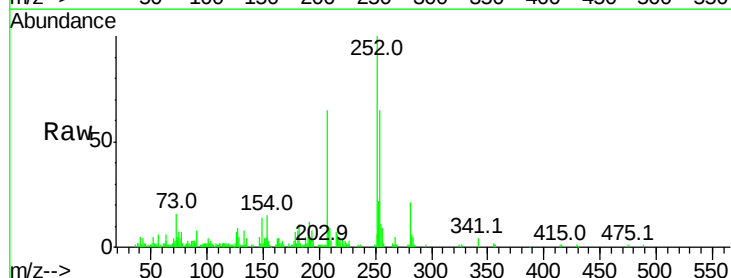
Delta R.T. 0.00 min

Lab File: BM010964.D

Acq: 26 Jul 2017 10:53

Tgt Ion:252 Resp: 83141

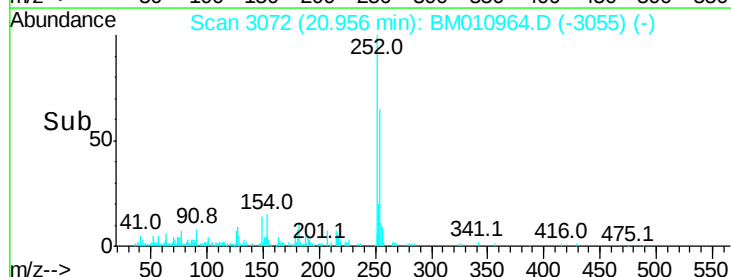
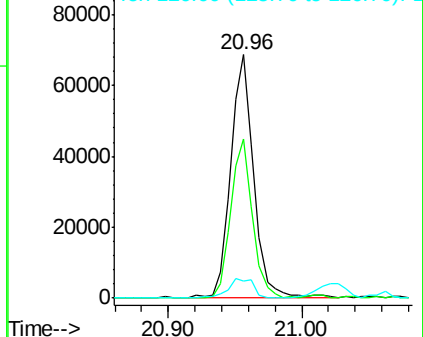
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 65.2  | 51.9  | 77.9  |
| 126 | 7.3   | 9.8   | 14.8  |

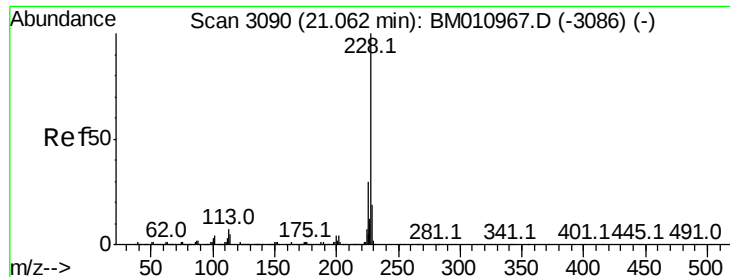


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 2.511 ng

RT: 21.06 min Scan# 3090

Delta R.T. 0.00 min

Lab File: BM010964.D

Acq: 26 Jul 2017 10:53

Instrument :

BNA\_M

ClientSampleId :

SSTDICC2.5

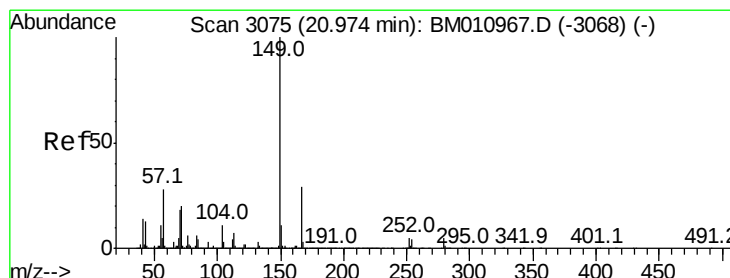
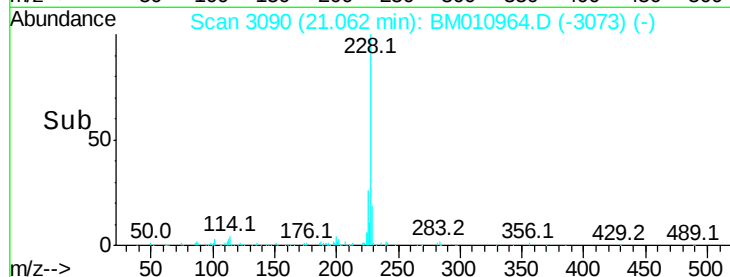
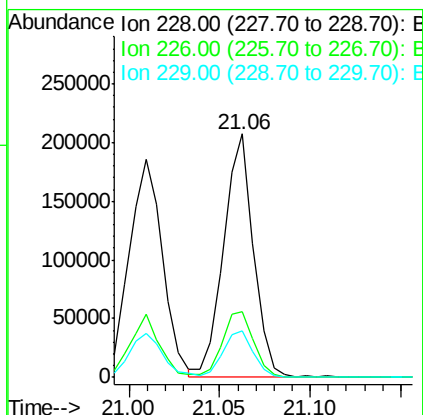
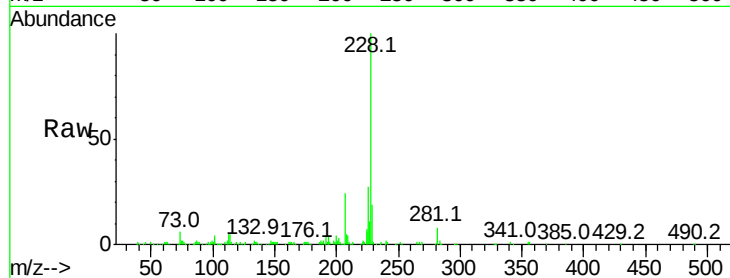
Tot Ion:228 Resp: 238284

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 26.8  | 24.1  | 36.1  |
| 229 | 18.9  | 15.5  | 23.3  |

228 100

226 26.8 24.1 36.1

229 18.9 15.5 23.3



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.117 ng

RT: 20.97 min Scan# 3074

Delta R.T. -0.01 min

Lab File: BM010964.D

Acq: 26 Jul 2017 10:53

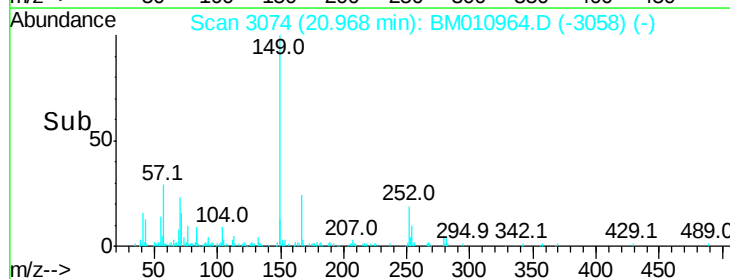
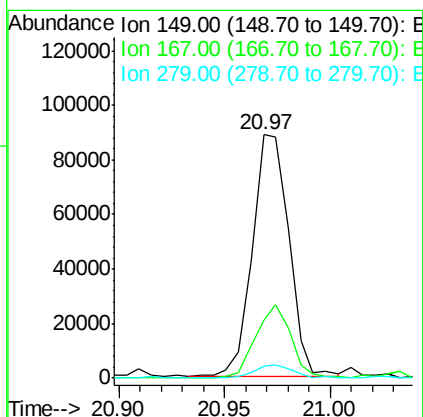
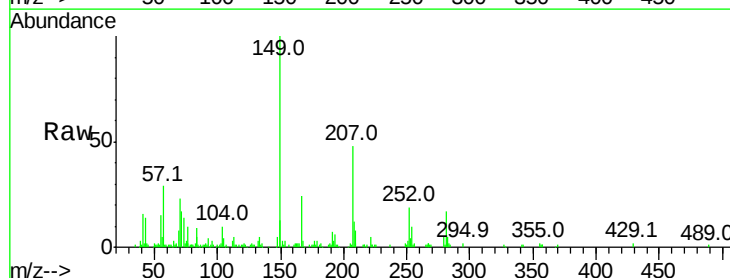
Tgt Ion:149 Resp: 107578

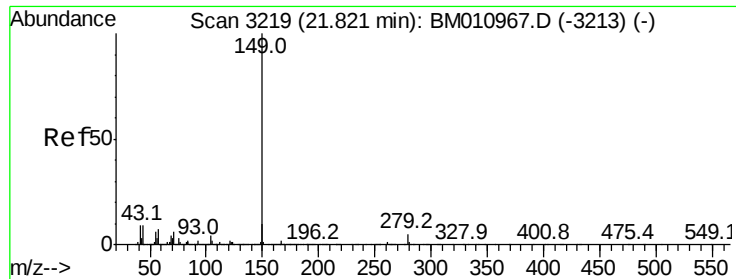
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 23.9  | 22.4  | 33.6  |
| 279 | 4.7   | 3.4   | 5.0   |

149 100

167 23.9 22.4 33.6

279 4.7 3.4 5.0





#84

Di-n-octyl phthalate

Concen: 2.269 ng

RT: 21.82 min Scan# 3219

Delta R.T. 0.00 min

Lab File: BM010964.D

Acq: 26 Jul 2017 10:53

Instrument :

BNA\_M

ClientSampleId :

SSTDICC2.5

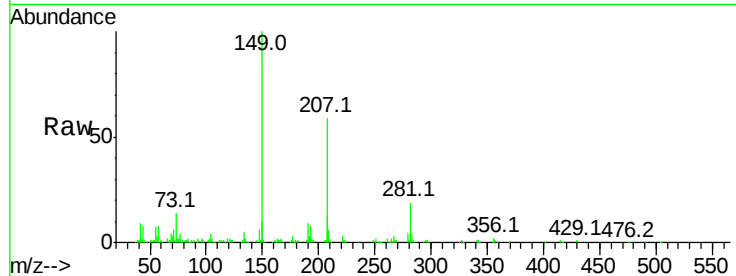
Tot Ion:149 Resp: 188936

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 9.8 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): BM

200000

150000

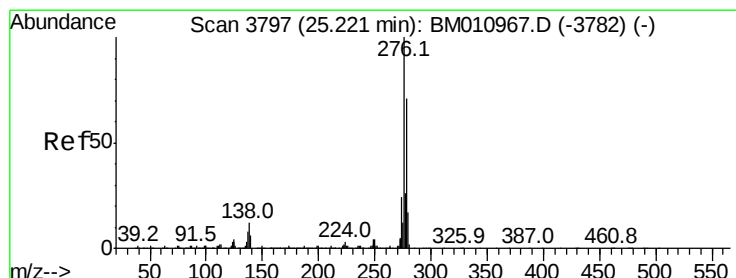
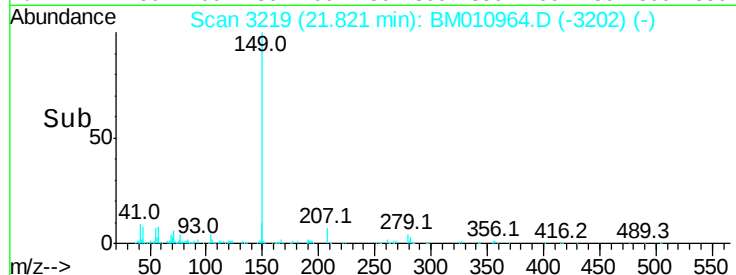
100000

50000

0

21.75 21.80 21.85

Time-->



#85

Indeno(1,2,3-cd)pyrene

Concen: 2.460 ng

RT: 25.21 min Scan# 3795

Delta R.T. -0.01 min

Lab File: BM010964.D

Acq: 26 Jul 2017 10:53

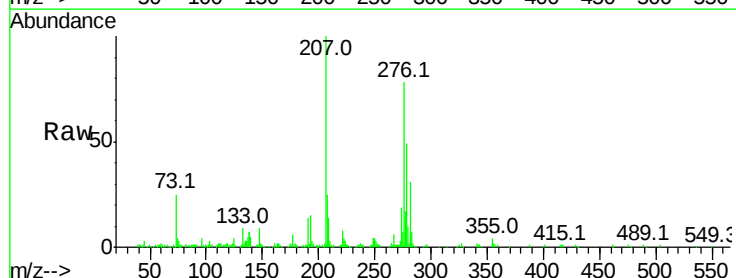
Tgt Ion:276 Resp: 267683

Ion Ratio Lower Upper

276 100

138 12.7 0.0 0.0#

277 25.5 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

120000

100000

80000

60000

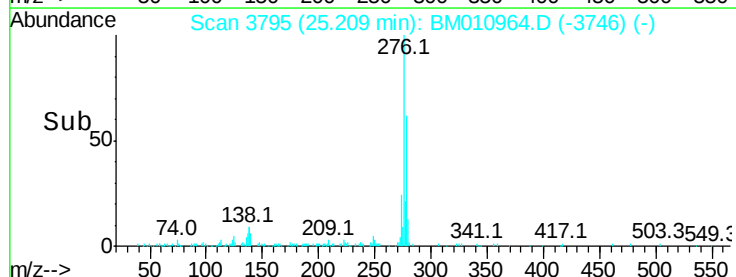
40000

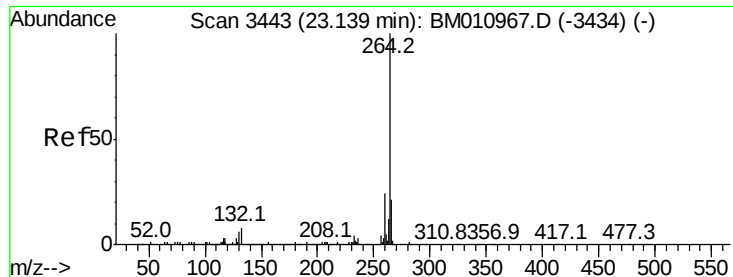
20000

0

25.10 25.20 25.30

Time-->



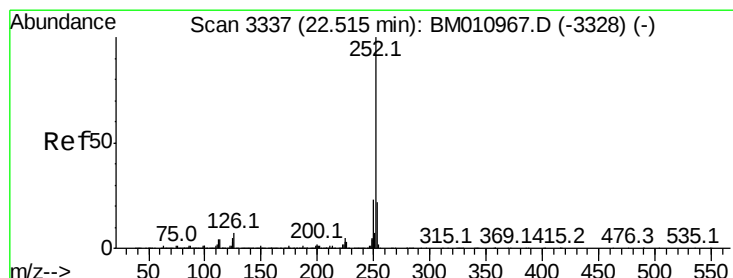
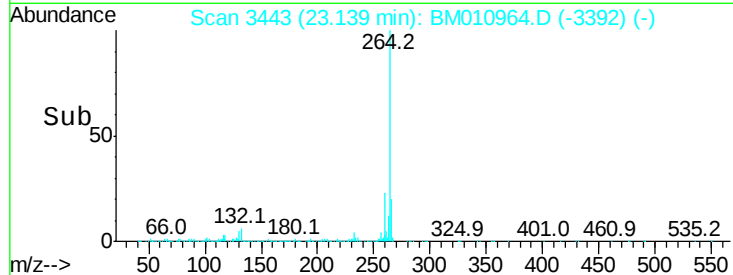
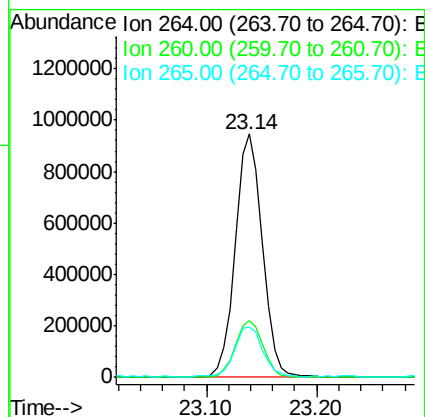
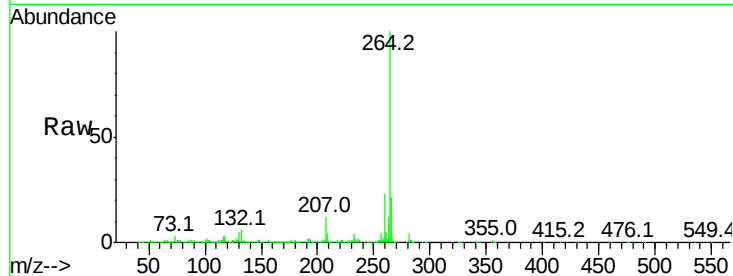


#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 23.14 min Scan# 3443  
Delta R.T. 0.00 min  
Lab File: BM010964.D  
Acq: 26 Jul 2017 10:53

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC2.5

Tot Ion:264 Resp: 1633413  

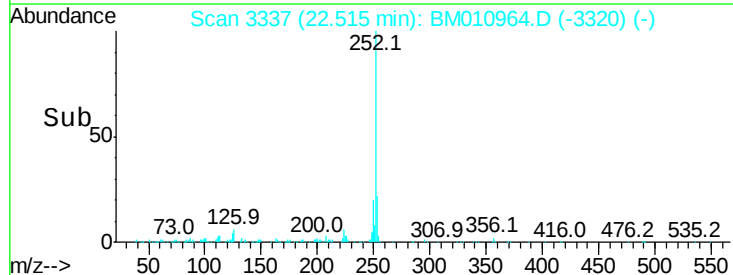
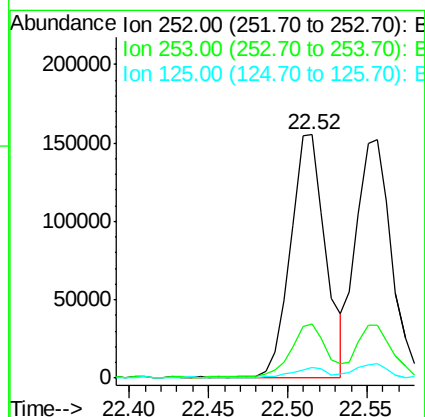
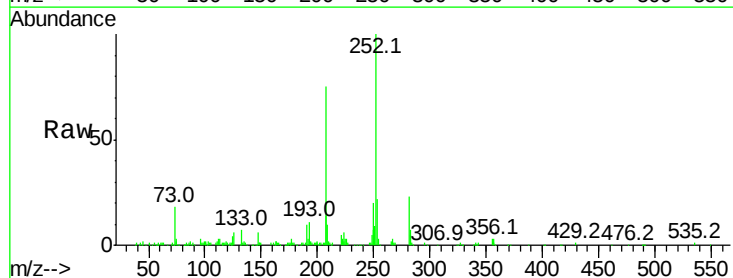
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.2  | 18.6  | 27.8  |
| 265 | 20.9  | 17.3  | 25.9  |

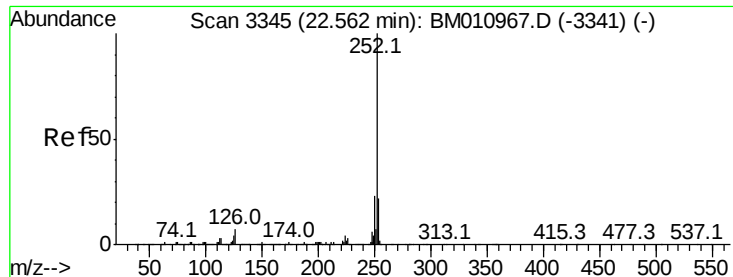


#87  
Benzo(b)fluoranthene  
Concen: 2.285 ng  
RT: 22.52 min Scan# 3337  
Delta R.T. 0.00 min  
Lab File: BM010964.D  
Acq: 26 Jul 2017 10:53

Tgt Ion:252 Resp: 237102  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.1  | 18.0  | 27.0  |
| 125 | 4.3   | 9.9   | 14.9  |





#88

Benzo(k)fluoranthene

Concen: 2.368 ng

RT: 22.56 min Scan# 3344

Delta R.T. -0.01 min

Lab File: BM010964.D

Acq: 26 Jul 2017 10:53

Instrument :

BNA\_M

ClientSampleId :

SSTDICC2.5

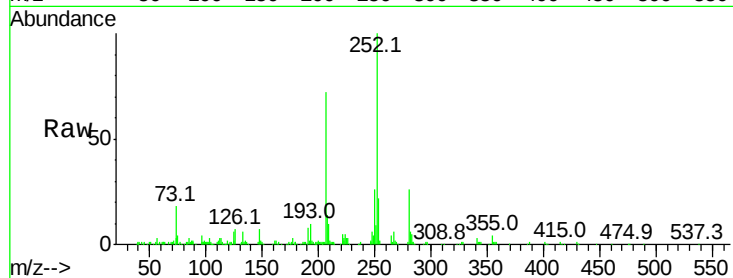
Tot Ion:252 Resp: 234693

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

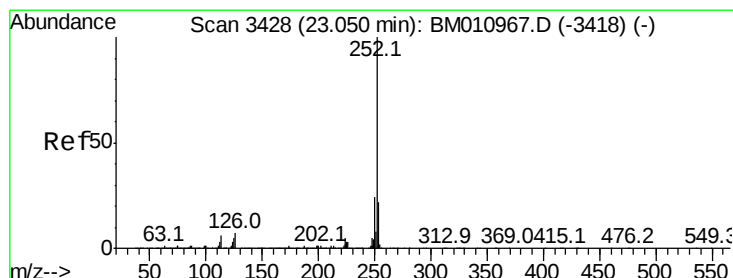
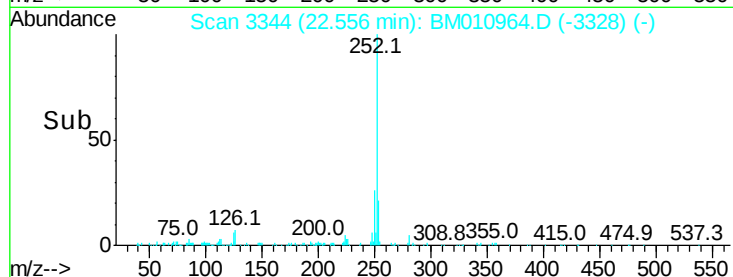
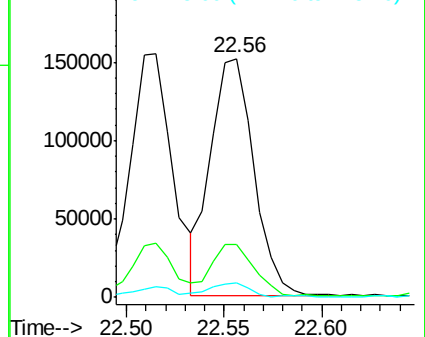
125 5.9 8.1 12.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 2.354 ng

RT: 23.04 min Scan# 3427

Delta R.T. -0.01 min

Lab File: BM010964.D

Acq: 26 Jul 2017 10:53

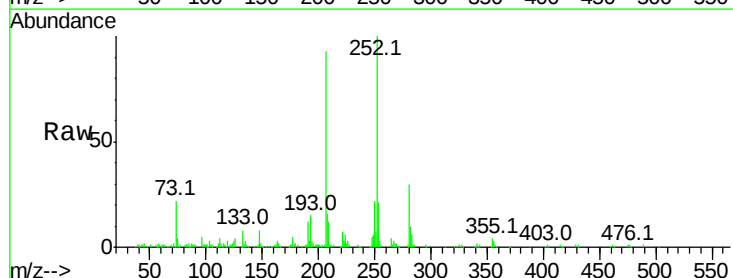
Tgt Ion:252 Resp: 222283

Ion Ratio Lower Upper

252 100

253 20.9 17.6 26.4

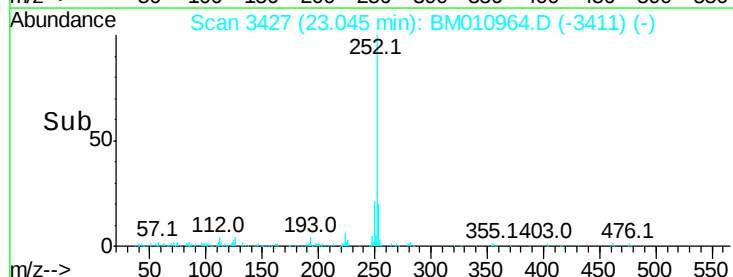
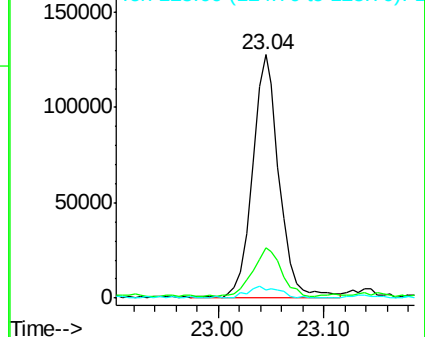
125 3.4 7.4 11.2#

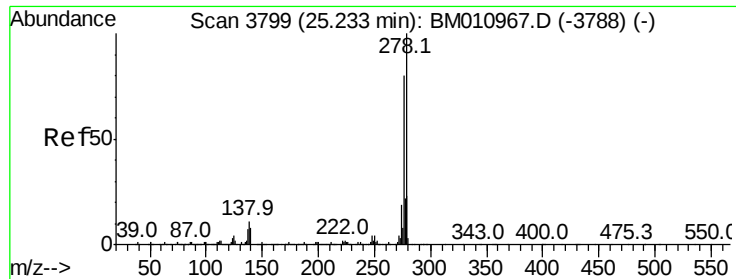


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 2.518 ng

RT: 25.23 min Scan# 3798

Delta R.T. -0.01 min

Lab File: BM010964.D

Acq: 26 Jul 2017 10:53

Instrument :

BNA\_M

ClientSampleId :

SSTDICC2.5

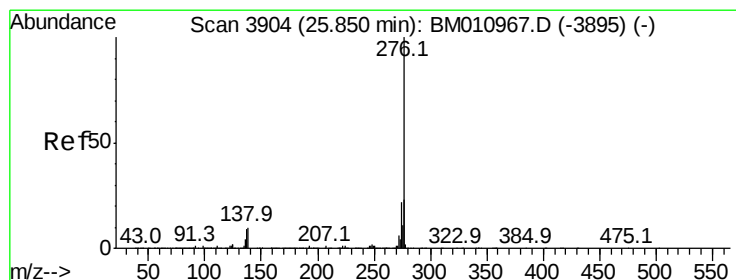
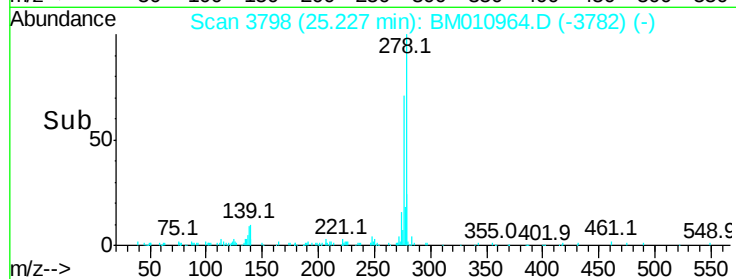
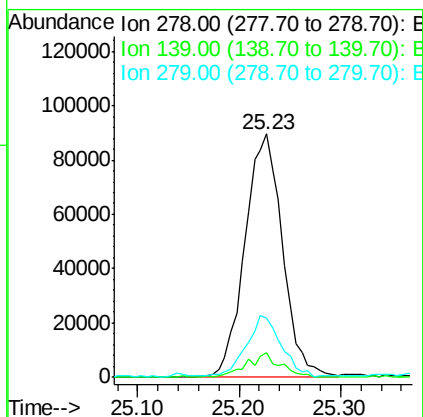
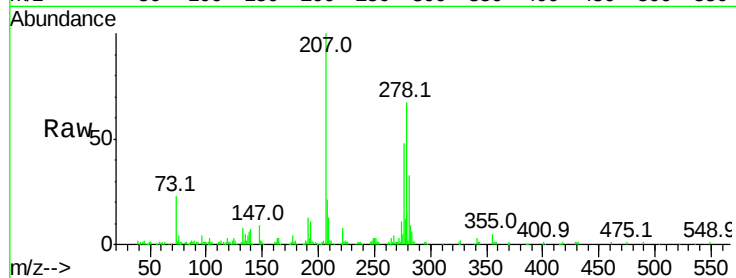
Tot Ion:278 Resp: 230799

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 12.5  | 13.4  | 20.0# |
| 279 | 24.3  | 19.0  | 28.4  |

278 100

139 12.5 13.4 20.0#

279 24.3 19.0 28.4



#91

Benzo(g,h,i)perylene

Concen: 2.533 ng

RT: 25.83 min Scan# 3901

Delta R.T. -0.02 min

Lab File: BM010964.D

Acq: 26 Jul 2017 10:53

Tgt Ion:276 Resp: 228257

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 21.8  | 18.5  | 27.7  |
| 138 | 8.6   | 19.0  | 28.6# |

276 100

277 21.8 18.5 27.7

138 8.6 19.0 28.6#

