

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM090917\  
 Data File : BM011486.D  
 Acq On : 09 Sep 2017 14:58  
 Operator : SJ/JU  
 Sample : SSTDC0020EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Sep 11 03:44:16 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Sep 11 02:59:45 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.98  | 152  | 433273   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.79 | 136  | 1984644  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.61 | 164  | 1210935  | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.35 | 188  | 2711192  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.51 | 240  | 3208751  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.89 | 264  | 3057324  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.40  | 96  | 79119   | 8.21  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.13  | 99  | 806906  | 19.40 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.30  | 67  | 556140  | 19.84 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.51  | 132 | 629278  | 20.07 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.68  | 113 | 638604  | 19.66 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.15  | 128 | 301268  | 20.00 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.86  | 143 | 304414  | 19.44 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.40 | 165 | 630499  | 20.00 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.92 | 131 | 718384  | 20.65 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.01 | 166 | 1988476 | 19.42 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.30 | 160 | 2443314 | 19.73 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.79 | 143 | 348588  | 18.12 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.60 | 176 | 1742860 | 19.65 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.71 | 200 | 275918  | 17.49 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.45 | 188 | 2699451 | 20.22 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.73 | 212 | 2950219 | 19.64 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.74 | 264 | 2940951 | 20.18 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |         |        | Ovalue    |
|--------------------------------|-------|-----|---------|--------|-----------|
| 2) 1,4-Dioxane                 | 3.43  | 88  | 85723   | 8.120  | ng/uL# 67 |
| 4) Benzaldehyde                | 7.12  | 77  | 434876  | 18.293 | ng/ul 94  |
| 6) Phenol                      | 7.16  | 94  | 807023  | 19.542 | ng/ul 97  |
| 8) Bis(2-Chloroethyl)ether     | 7.40  | 93  | 639960  | 19.684 | ng/ul 89  |
| 10) 2-Chlorophenol             | 7.54  | 128 | 609370  | 19.923 | ng/ul 95  |
| 11) 2-Methylphenol             | 8.41  | 108 | 612942  | 19.575 | ng/ul 94  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.51  | 45  | 1067328 | 20.254 | ng/ul# 92 |
| 14) Acetophenone               | 8.80  | 105 | 994762  | 20.038 | ng/ul# 94 |
| 15) N-Nitroso-di-n-propylamine | 8.79  | 70  | 531179  | 19.939 | ng/ul# 80 |
| 16) 4-Methylphenol             | 8.74  | 108 | 682256  | 19.913 | ng/ul 91  |
| 17) Hexachloroethane           | 9.06  | 117 | 228647  | 19.555 | ng/ul 83  |
| 20) Nitrobenzene               | 9.19  | 77  | 705765  | 19.922 | ng/ul 93  |
| 21) Isophorone                 | 9.71  | 82  | 1403033 | 19.670 | ng/ul# 97 |
| 23) 2-Nitrophenol              | 9.90  | 139 | 325390  | 19.774 | ng/ul# 92 |
| 24) 2,4-Dimethylphenol         | 9.95  | 107 | 708345  | 20.118 | ng/ul 91  |
| 25) Bis(2-Chloroethoxy)methane | 10.19 | 93  | 916736  | 19.711 | ng/ul 98  |
| 27) 2,4-Dichlorophenol         | 10.43 | 162 | 609092  | 20.038 | ng/ul 98  |
| 28) Naphthalene                | 10.84 | 128 | 2053991 | 19.958 | ng/ul 98  |
| 30) 4-Chloroaniline            | 10.95 | 127 | 673995  | 20.388 | ng/ul 98  |
| 31) Hexachlorobutadiene        | 11.12 | 225 | 351648  | 20.383 | ng/ul 97  |
| 33) 4-Chloro-3-methylphenol    | 12.06 | 107 | 646156  | 20.050 | ng/ul 94  |
| 34) 2-Methylnaphthalene        | 12.44 | 142 | 1522062 | 19.915 | ng/ul 99  |
| 35) 1-Methylnaphthalene        | 12.66 | 142 | 1460040 | 20.058 | ng/ul# 95 |

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM090917\  
 Data File : BM011486.D  
 Acq On : 09 Sep 2017 14:58  
 Operator : SJ/JU  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

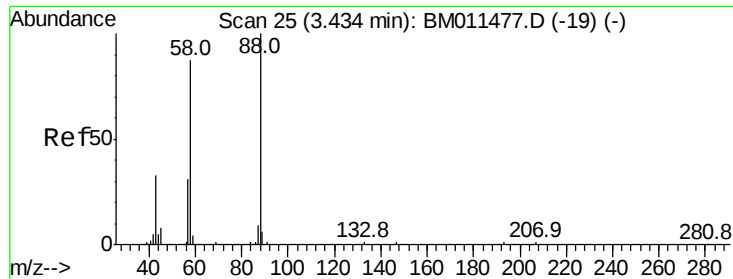
Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Sep 11 03:44:16 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Sep 11 02:59:45 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 37) 1,2,4,5-Tetrachlorobenzene | 12.80 | 216  | 713174   | 19.854 | ng/ul# | 97       |
| 38) Hexachlorocyclopentadiene  | 12.79 | 237  | 347563   | 17.262 | ng/ul# | 98       |
| 39) 2,4,6-Trichlorophenol      | 13.04 | 196  | 469202   | 19.185 | ng/ul  | 97       |
| 40) 2,4,5-Trichlorophenol      | 13.11 | 196  | 481833   | 19.431 | ng/ul  | 96       |
| 41) 1,1'-Biphenyl              | 13.45 | 154  | 1983715  | 19.686 | ng/ul# | 95       |
| 42) 2-Chloronaphthalene        | 13.49 | 162  | 1480715  | 19.529 | ng/ul  | 99       |
| 43) 2-Nitroaniline             | 13.69 | 65   | 452104   | 19.198 | ng/ul  | 87       |
| 45) Dimethylphthalate          | 14.06 | 163  | 1913438  | 19.522 | ng/ul# | 98       |
| 46) 2,6-Dinitrotoluene         | 14.18 | 165  | 343039   | 19.817 | ng/ul  | 96       |
| 48) Acenaphthylene             | 14.33 | 152  | 2483176  | 19.927 | ng/ul  | 99       |
| 49) 3-Nitroaniline             | 14.51 | 138  | 401314   | 18.802 | ng/ul  | 99       |
| 50) Acenaphthene               | 14.67 | 153  | 1645614  | 19.544 | ng/ul  | 98       |
| 51) 2,4-Dinitrophenol          | 14.71 | 184  | 179026   | 16.739 | ng/ul# | 78       |
| 54) Dibenzofuran               | 15.00 | 168  | 2328361  | 19.769 | ng/ul  | 97       |
| 55) 2,4-Dinitrotoluene         | 14.96 | 165  | 501685   | 19.715 | ng/ul# | 79       |
| 56) 2,3,4,6-Tetrachlorophenol  | 15.23 | 232  | 446141   | 19.741 | ng/ul# | 81       |
| 57) Diethylphthalate           | 15.42 | 149  | 1962921  | 19.244 | ng/ul  | 96       |
| 59) Fluorene                   | 15.65 | 166  | 1975549  | 20.014 | ng/ul  | 100      |
| 60) 4-Chlorophenyl-phenylether | 15.65 | 204  | 922961   | 19.957 | ng/ul  | 93       |
| 61) 4-Nitroaniline             | 15.67 | 138  | 423465   | 18.521 | ng/ul# | 84       |
| 64) 4,6-Dinitro-2-methylphenol | 15.72 | 198  | 290535   | 17.973 | ng/ul  | 94       |
| 65) N-Nitrosodiphenylamine     | 15.86 | 169  | 1644064  | 19.908 | ng/ul  | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.54 | 248  | 546865   | 19.748 | ng/ul  | 95       |
| 67) Hexachlorobenzene          | 16.65 | 284  | 607060   | 19.915 | ng/ul# | 89       |
| 68) Atrazine                   | 16.80 | 200  | 543515   | 18.995 | ng/ul  | 95       |
| 69) Pentachlorophenol          | 16.99 | 266  | 350232   | 17.894 | ng/ul  | 98       |
| 70) Phenanthrene               | 17.39 | 178  | 3037511  | 20.100 | ng/ul  | 99       |
| 72) Anthracene                 | 17.48 | 178  | 3165873  | 20.416 | ng/ul  | 98       |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.41 | 216  | 711384   | 19.691 | ng/uL  | 98       |
| 74) Pentachlorobenzene         | 14.93 | 250  | 731988   | 19.977 | ng/uL  | 97       |
| 75) Carbazole                  | 17.75 | 167  | 2773595  | 20.965 | ng/ul  | 99       |
| 76) Di-n-butylphthalate        | 18.30 | 149  | 3499907  | 20.142 | ng/ul  | 99       |
| 77) Fluoranthene               | 19.40 | 202  | 3532136  | 22.724 | ng/ul# | 90       |
| 80) Pyrene                     | 19.76 | 202  | 3795995  | 20.276 | ng/ul# | 84       |
| 81) Butylbenzylphthalate       | 20.64 | 149  | 1590688  | 18.476 | ng/ul# | 93       |
| 82) 3,3'-Dichlorobenzidine     | 21.43 | 252  | 1158740  | 19.885 | ng/ul# | 97       |
| 83) Benzo(a)anthracene         | 21.50 | 228  | 3602226  | 20.389 | ng/ul  | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.41 | 149  | 2442143  | 18.470 | ng/ul# | 97       |
| 85) Chrysene                   | 21.55 | 228  | 3281422  | 20.487 | ng/ul  | 99       |
| 87) Di-n-octyl phthalate       | 22.32 | 149  | 4334460  | 19.976 | ng/ul  | 100      |
| 88) Benzo(b)fluoranthene       | 23.16 | 252  | 3550399  | 19.303 | ng/ul# | 96       |
| 89) Benzo(k)fluoranthene       | 23.22 | 252  | 3610933  | 20.442 | ng/ul# | 96       |
| 91) Benzo(a)pyrene             | 23.79 | 252  | 3510043  | 20.218 | ng/ul# | 96       |
| 92) Indeno(1,2,3-cd)pyrene     | 26.33 | 276  | 4055128  | 21.234 | ng/ul# | 87       |
| 93) Dibenzo(a,h)anthracene     | 26.34 | 278  | 3420394  | 21.122 | ng/ul# | 94       |
| 94) Benzo(g,h,i)perylene       | 27.08 | 276  | 3308356  | 21.392 | ng/ul# | 91       |

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





#2

1,4-Dioxane

Concen: 8.120 ng/uL

RT: 3.43 min Scan# 25

Delta R.T. 0.00 min

Lab File: BM011486.D

Acq: 09 Sep 2017 14:58

Instrument :

BNA\_M

ClientSampleId :

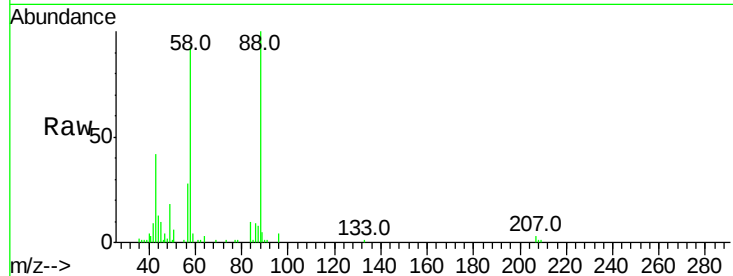
Tot Ion: 88 Resp: 85723

Ion Ratio Lower Upper

88 100

43 41.7 29.0 43.4

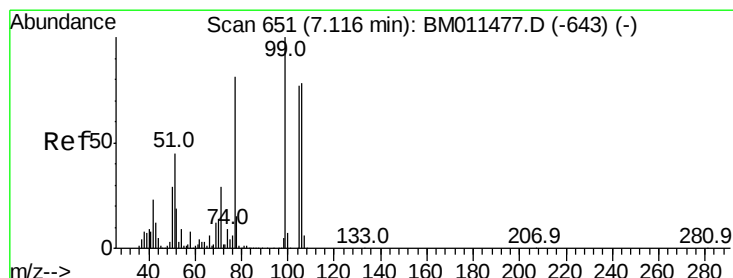
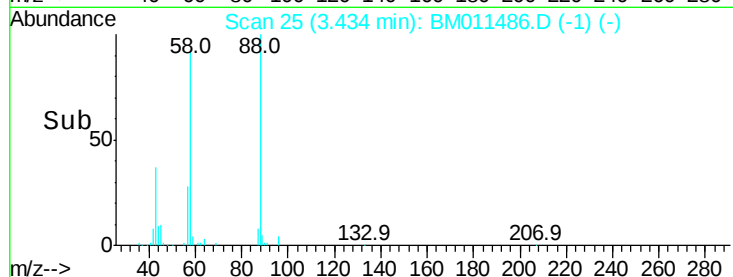
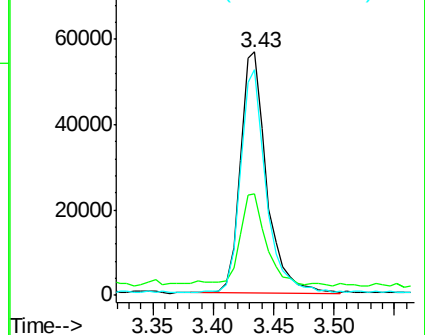
58 92.7 45.9 68.9#



Abundance Ion 88.00 (87.70 to 88.70): BM011477.D (-19) (-)

Ion 43.00 (42.70 to 43.70): BM011477.D (-19) (-)

Ion 58.00 (57.70 to 58.70): BM011477.D (-19) (-)



#4

Benzaldehyde

Concen: 18.293 ng/uL

RT: 7.12 min Scan# 651

Delta R.T. 0.00 min

Lab File: BM011486.D

Acq: 09 Sep 2017 14:58

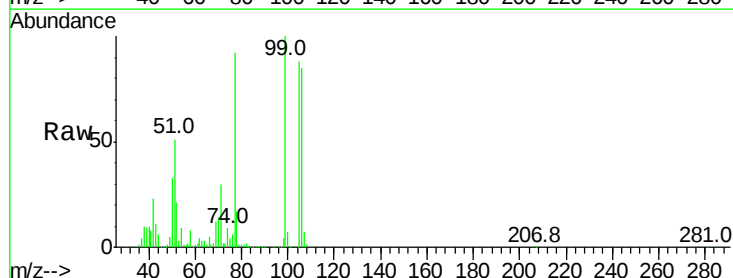
Tgt Ion: 77 Resp: 434876

Ion Ratio Lower Upper

77 100

105 95.3 71.0 106.6

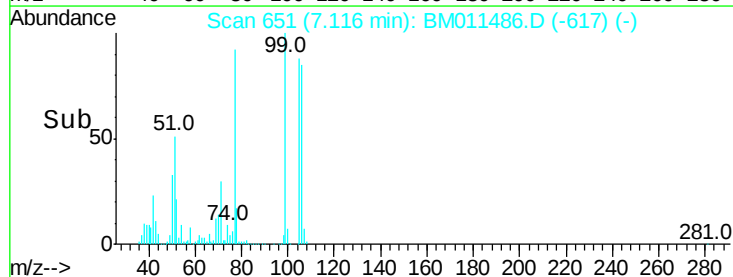
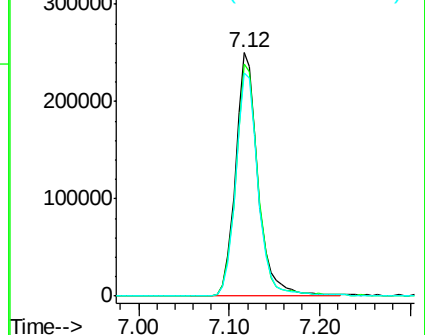
106 91.8 69.5 104.3

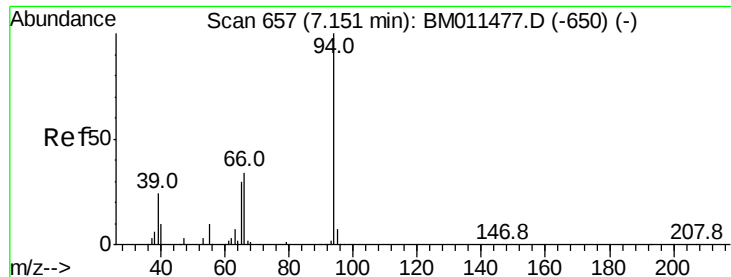


Abundance Ion 77.00 (76.70 to 77.70): BM011477.D (-643) (-)

Ion 105.00 (104.70 to 105.70): BM011477.D (-643) (-)

Ion 106.00 (105.70 to 106.70): BM011477.D (-643) (-)





#6

Phenol

Concen: 19.542 ng/ul

RT: 7.16 min Scan# 658

Delta R.T. 0.01 min

Lab File: BM011486.D

Acq: 09 Sep 2017 14:58

Instrument :

BNA\_M

ClientSampleId :

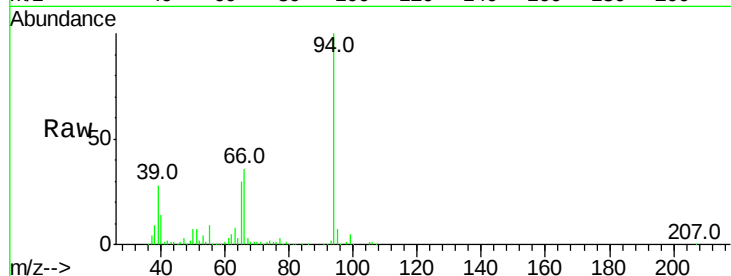
Tot Ion: 94 Resp: 807023

Ion Ratio Lower Upper

94 100

65 29.9 23.0 34.6

66 36.0 30.4 45.6

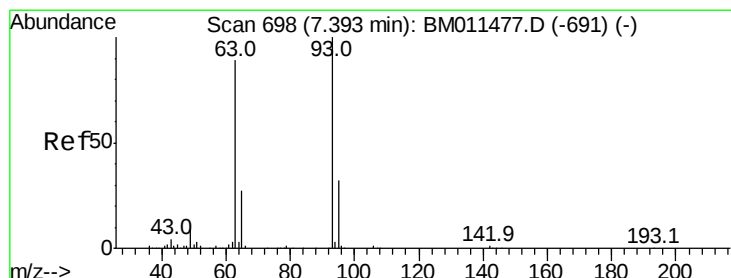
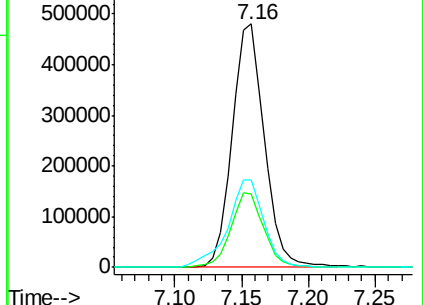
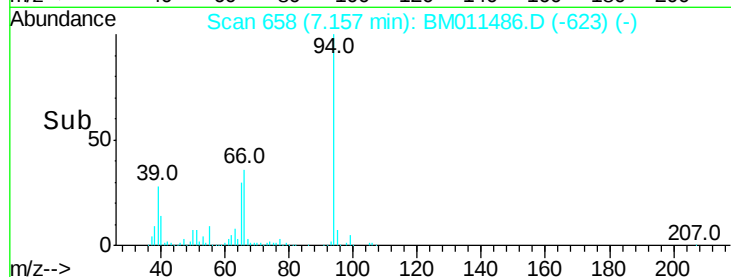


Abundance Ion 94.00 (93.70 to 94.70): BM011477.D (-650) (-)

Ion 65.00 (64.70 to 65.70): BM011477.D (-650) (-)

Ion 66.00 (65.70 to 66.70): BM011477.D (-650) (-)

Time-->



#8

Bis(2-Chloroethyl)ether

Concen: 19.684 ng/ul

RT: 7.40 min Scan# 699

Delta R.T. 0.01 min

Lab File: BM011486.D

Acq: 09 Sep 2017 14:58

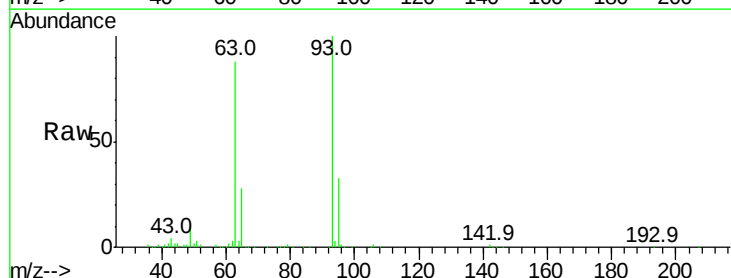
Tgt Ion: 93 Resp: 639960

Ion Ratio Lower Upper

93 100

63 88.2 59.4 89.2

95 32.8 26.4 39.6

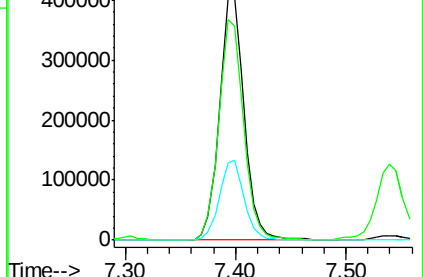
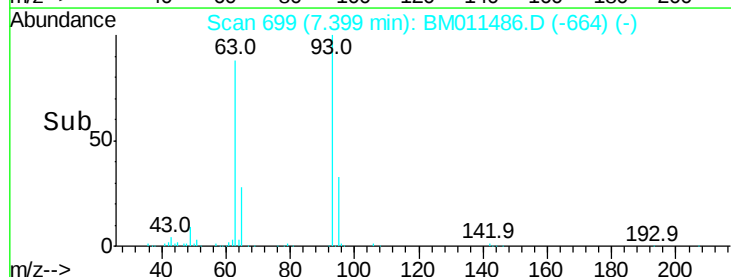


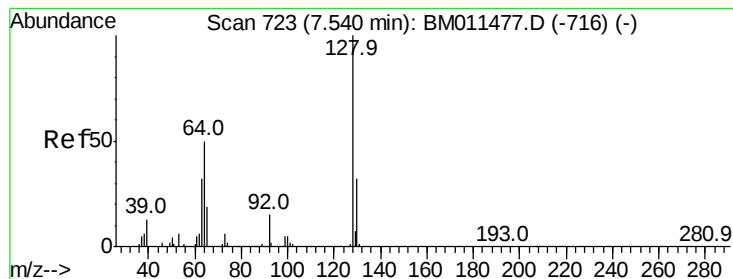
Abundance Ion 93.00 (92.70 to 93.70): BM011477.D (-691) (-)

Ion 63.00 (62.70 to 63.70): BM011477.D (-691) (-)

Ion 95.00 (94.70 to 95.70): BM011477.D (-691) (-)

Time-->





#10

2-Chlorophenol

Concen: 19.923 ng/ul

RT: 7.54 min Scan# 723

Delta R.T. 0.00 min

Lab File: BM011486.D

Acq: 09 Sep 2017 14:58

Instrument :

BNA\_M

ClientSampleId :

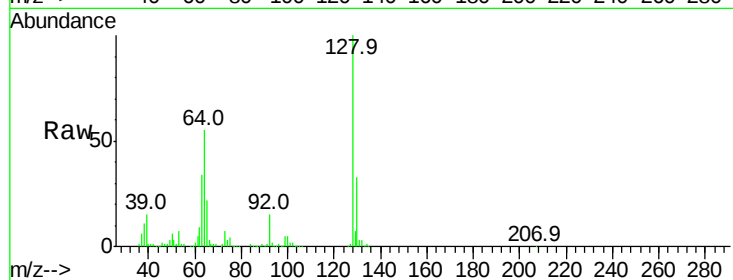
Tot Ion:128 Resp: 609370

Ion Ratio Lower Upper

128 100

64 54.6 39.8 59.6

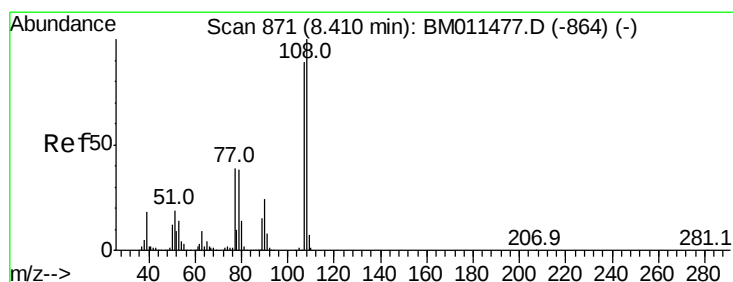
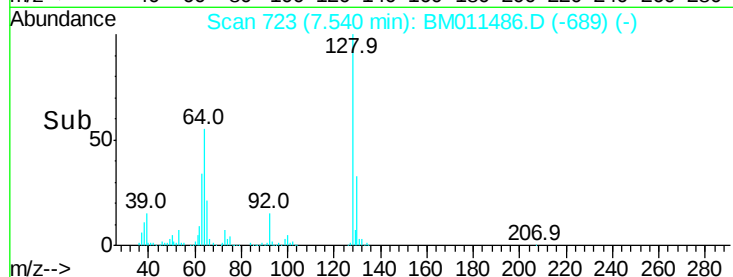
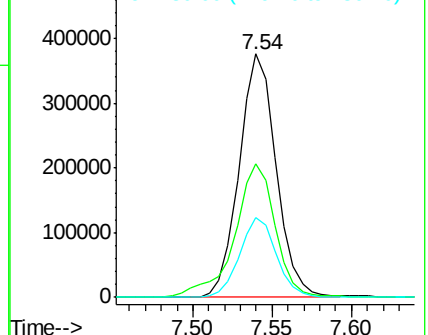
130 32.9 25.8 38.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 19.575 ng/ul

RT: 8.41 min Scan# 871

Delta R.T. 0.00 min

Lab File: BM011486.D

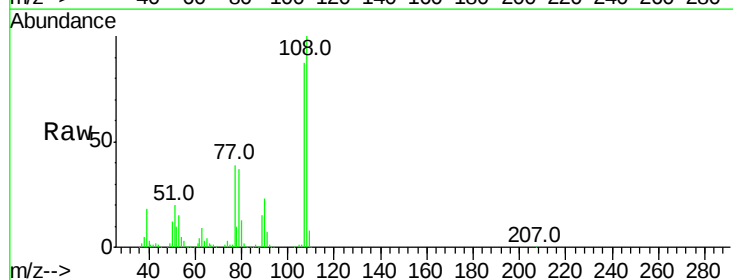
Acq: 09 Sep 2017 14:58

Tgt Ion:108 Resp: 612942

Ion Ratio Lower Upper

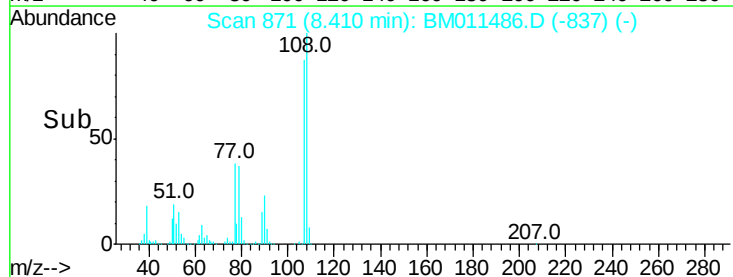
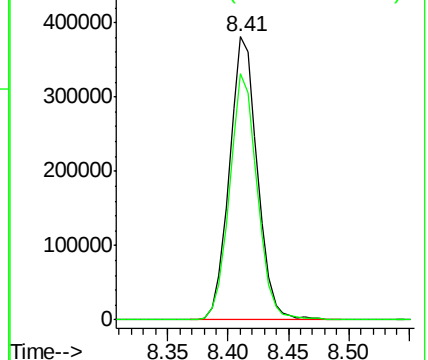
108 100

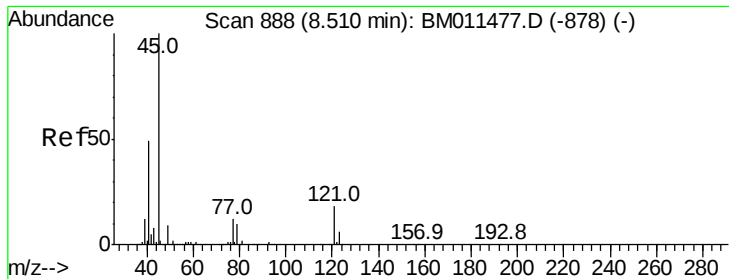
107 86.9 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

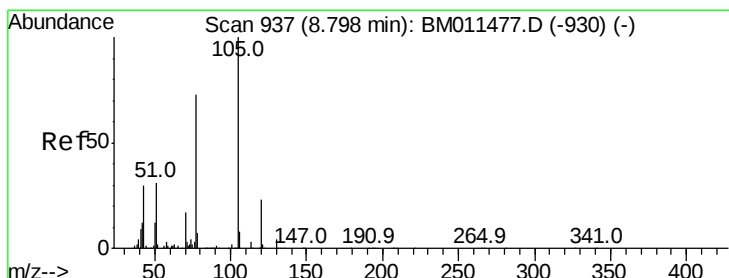
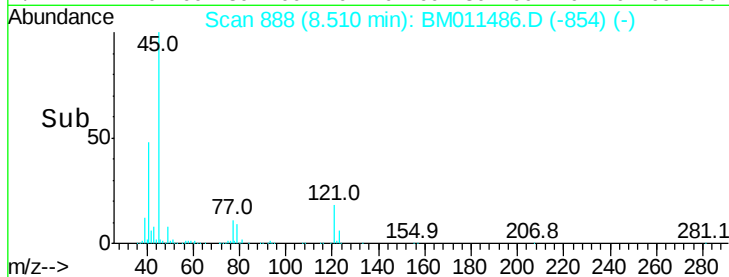
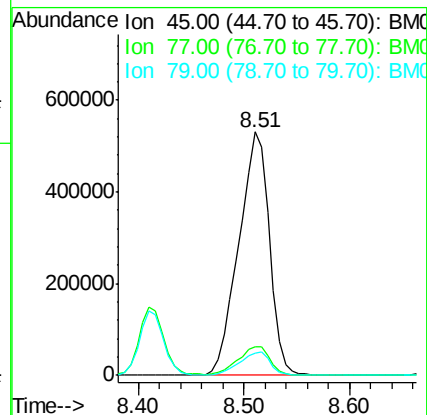
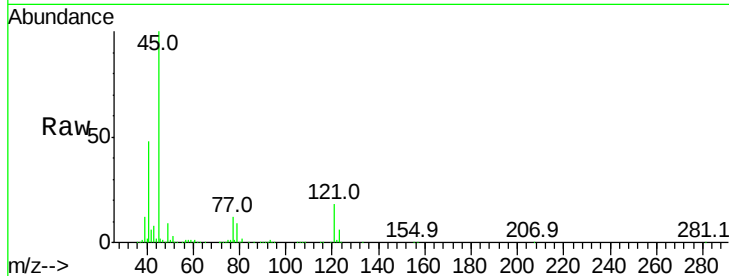




#12  
2,2'-oxvbis(1-Chloropropane)  
Concen: 20.254 ng/ul  
RT: 8.51 min Scan# 888  
Delta R.T. 0.00 min  
Lab File: BM011486.D  
Acq: 09 Sep 2017 14:58

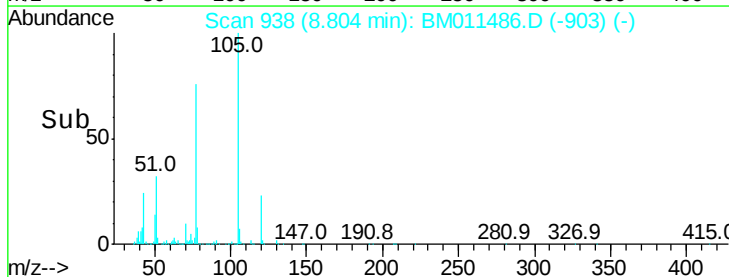
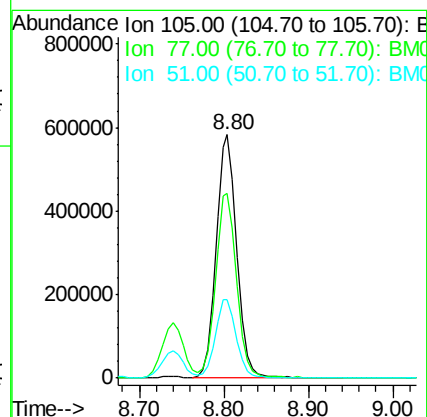
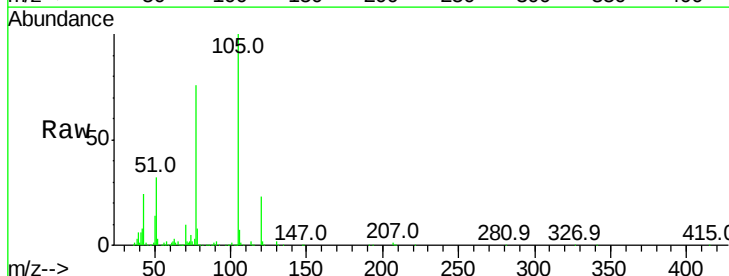
Instrument :  
BNA\_M  
ClientSampleId :

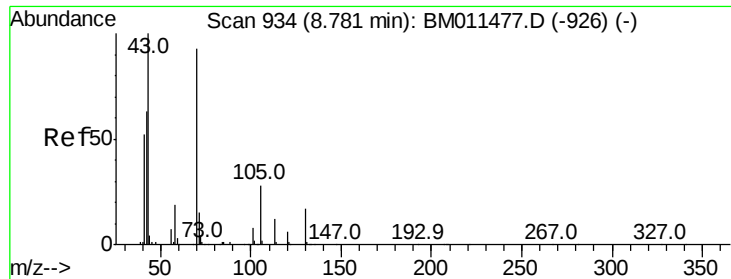
Tot Ion: 45 Resp: 1067328  
Ion Ratio Lower Upper  
45 100  
77 11.8 12.5 18.7#  
79 9.3 9.4 14.2#



#14  
Acetophenone  
Concen: 20.038 ng/ul  
RT: 8.80 min Scan# 938  
Delta R.T. 0.01 min  
Lab File: BM011486.D  
Acq: 09 Sep 2017 14:58

Tgt Ion: 105 Resp: 994762  
Ion Ratio Lower Upper  
105 100  
77 75.7 63.2 94.8  
51 32.3 19.8 29.8#

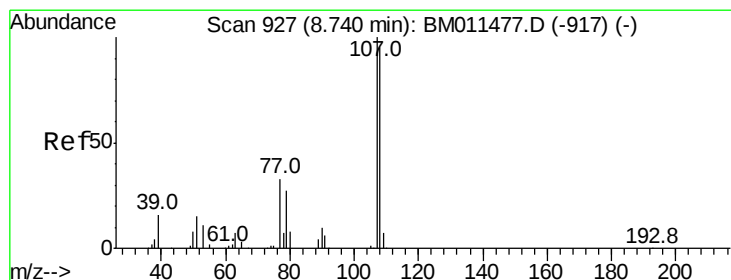
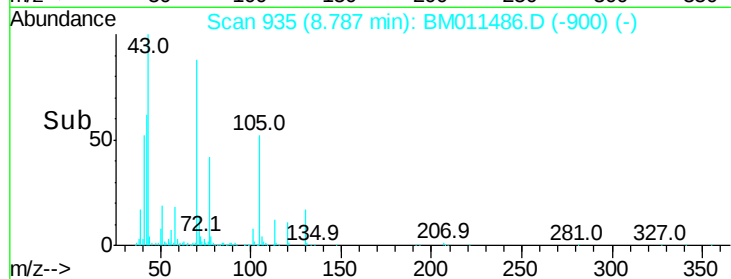
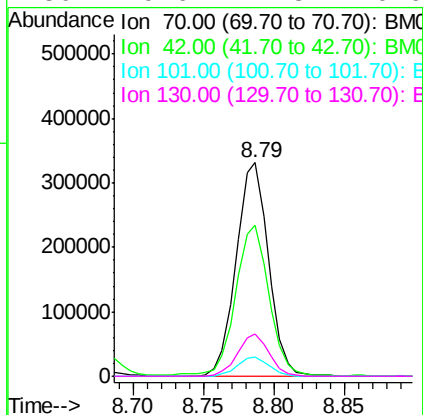
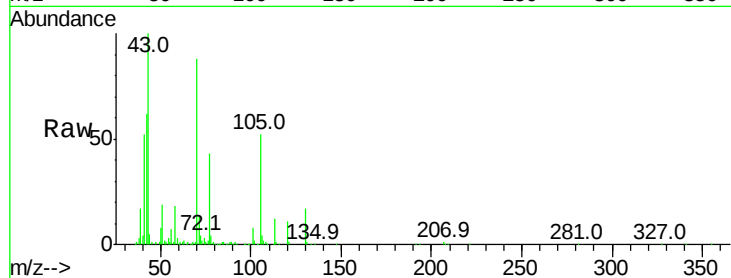




#15  
N-Nitroso-di-n-propylamine  
Concen: 19.939 ng/ul  
RT: 8.79 min Scan# 935  
Delta R.T. 0.01 min  
Lab File: BM011486.D  
Acq: 09 Sep 2017 14:58

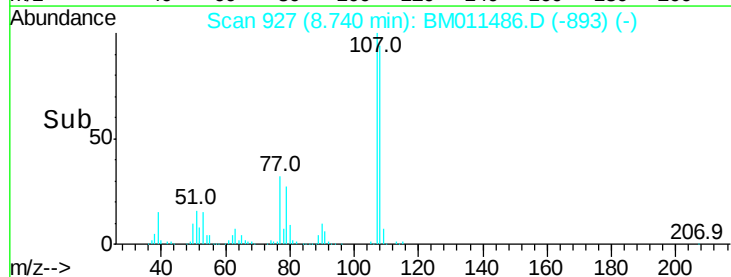
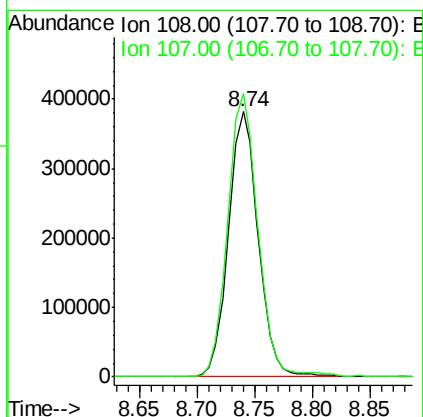
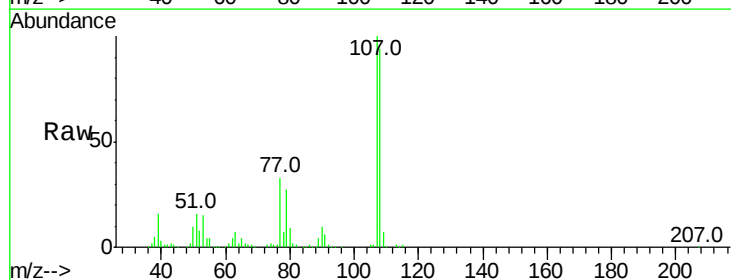
Instrument :  
BNA\_M  
ClientSampled :

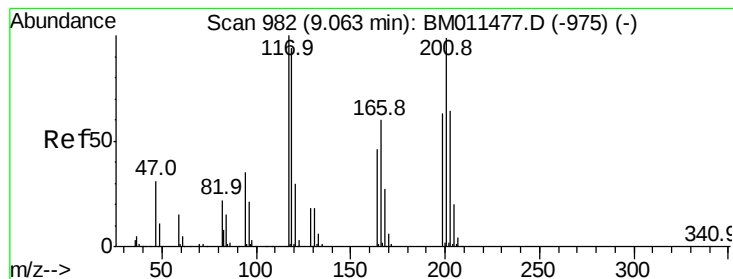
Tot Ion: 70 Resp: 531179  
Ion Ratio Lower Upper  
70 100  
42 70.6 40.2 60.4#  
101 9.0 7.7 11.5  
130 19.6 17.8 26.6



#16  
4-Methylphenol  
Concen: 19.913 ng/ul  
RT: 8.74 min Scan# 927  
Delta R.T. 0.00 min  
Lab File: BM011486.D  
Acq: 09 Sep 2017 14:58

Tgt Ion: 108 Resp: 682256  
Ion Ratio Lower Upper  
108 100  
107 106.8 93.6 140.4





#17

Hexachloroethane

Concen: 19.555 ng/ul

RT: 9.06 min Scan# 982

Delta R.T. 0.00 min

Lab File: BM011486.D

Acq: 09 Sep 2017 14:58

Instrument :

BNA\_M

ClientSampleId :

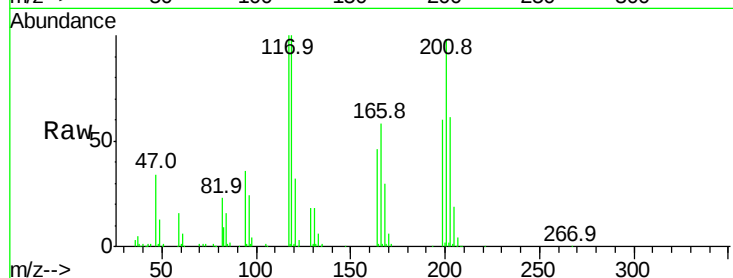
Tot Ion:117 Resp: 228647

Ion Ratio Lower Upper

117 100

201 100.1 96.1 144.1

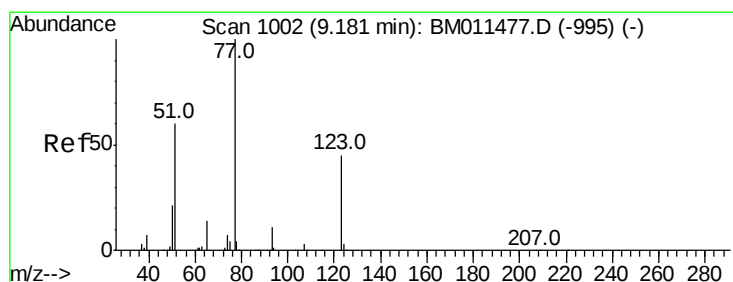
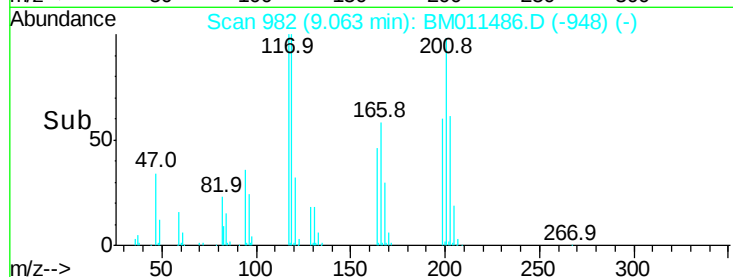
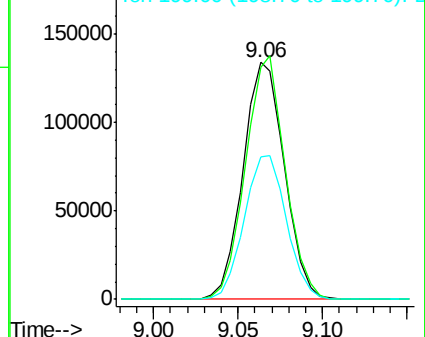
199 62.3 59.7 89.5



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 19.922 ng/ul

RT: 9.19 min Scan# 1003

Delta R.T. 0.01 min

Lab File: BM011486.D

Acq: 09 Sep 2017 14:58

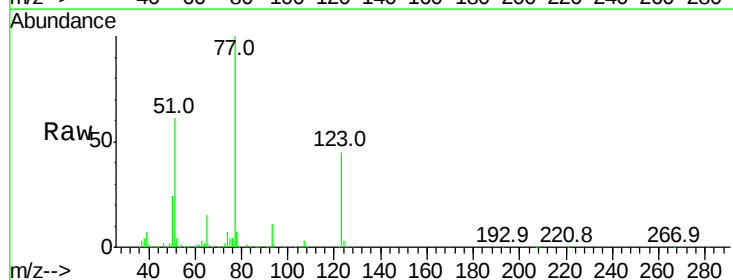
Tgt Ion: 77 Resp: 705765

Ion Ratio Lower Upper

77 100

123 44.9 31.8 47.8

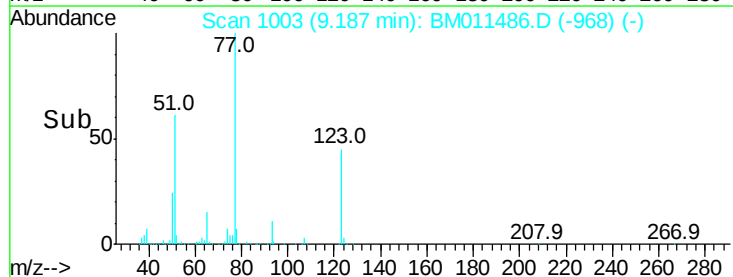
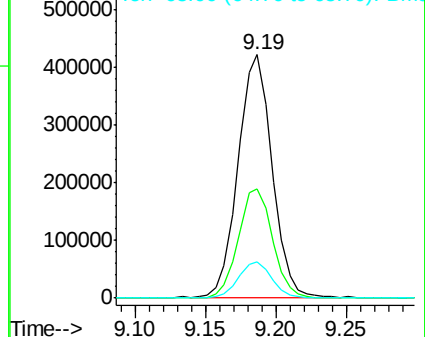
65 14.7 10.6 16.0

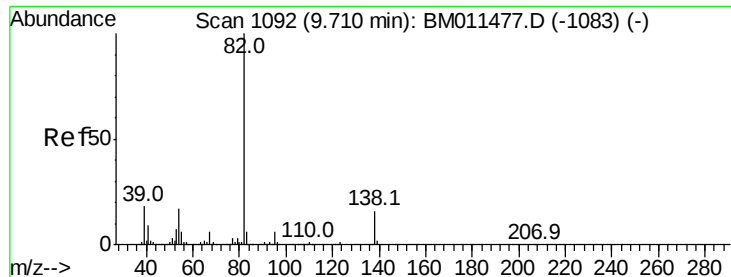


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 19.670 ng/ul

RT: 9.71 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BM011486.D

Acq: 09 Sep 2017 14:58

Instrument :

BNA\_M

ClientSampled :

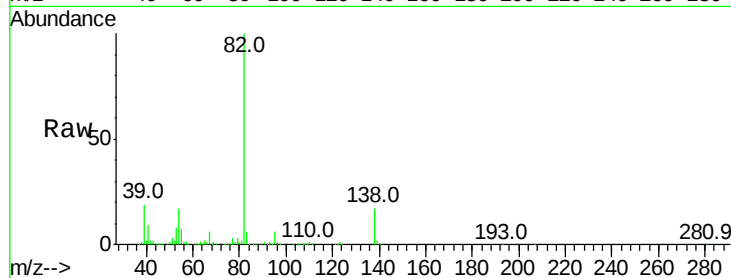
Tot Ion: 82 Resp: 1403033

Ion Ratio Lower Upper

82 100

95 5.7 6.1 9.1#

138 17.5 13.5 20.3

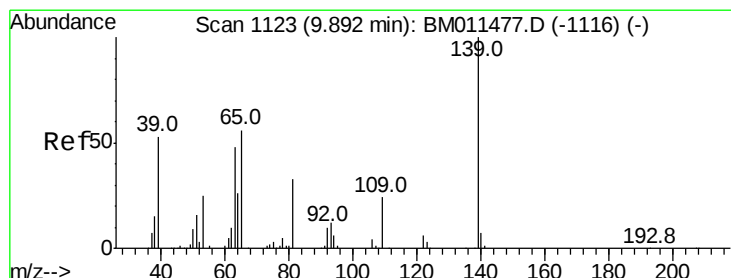
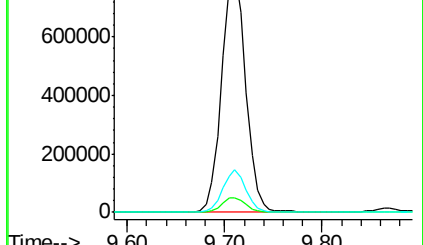
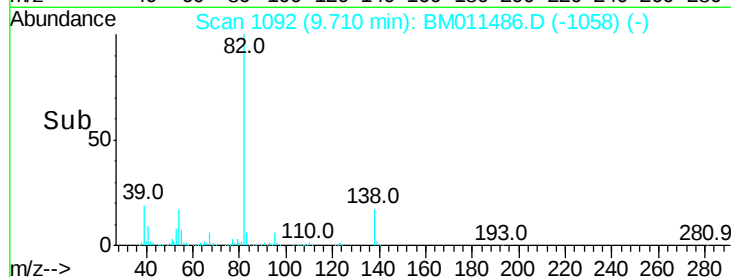


Abundance Ion 82.00 (81.70 to 82.70): BM011477.D (-1083) (-)

Ion 95.00 (94.70 to 95.70): BM011477.D (-1083) (-)

Ion 138.00 (137.70 to 138.70): BM011477.D (-1083) (-)

Time-->



#23

2-Nitrophenol

Concen: 19.774 ng/ul

RT: 9.90 min Scan# 1124

Delta R.T. 0.01 min

Lab File: BM011486.D

Acq: 09 Sep 2017 14:58

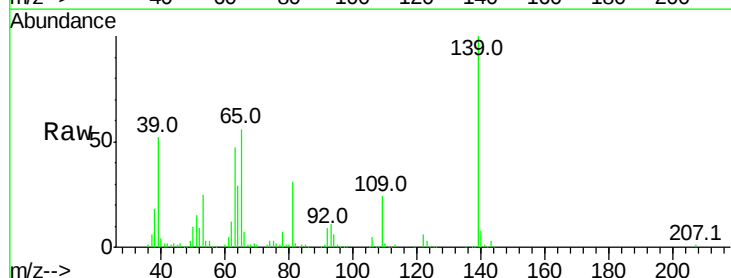
Tgt Ion: 139 Resp: 325390

Ion Ratio Lower Upper

139 100

65 55.6 45.3 67.9

109 24.0 27.7 41.5#

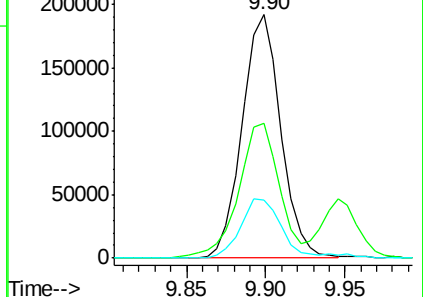
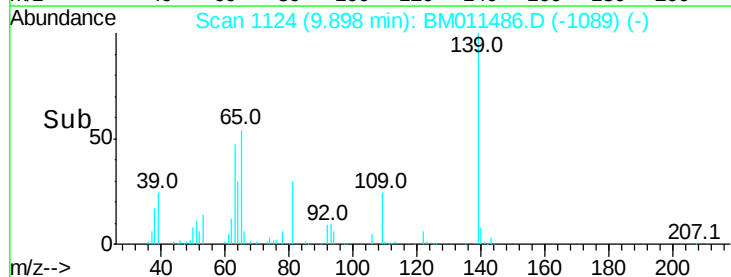


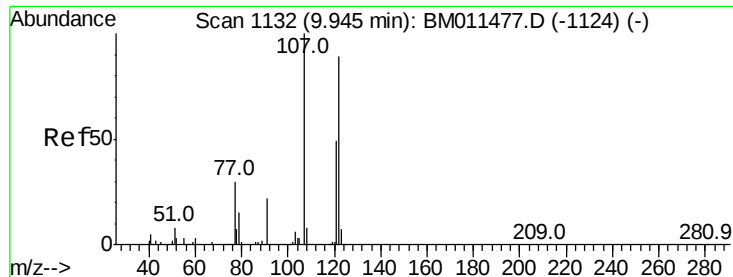
Abundance Ion 139.00 (138.70 to 139.70): BM011477.D (-1116) (-)

Ion 65.00 (64.70 to 65.70): BM011477.D (-1116) (-)

Ion 109.00 (108.70 to 109.70): BM011477.D (-1116) (-)

Time-->

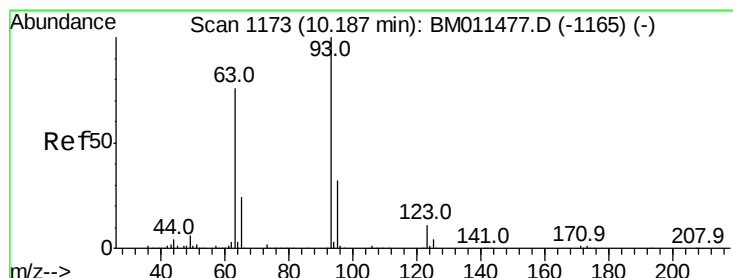
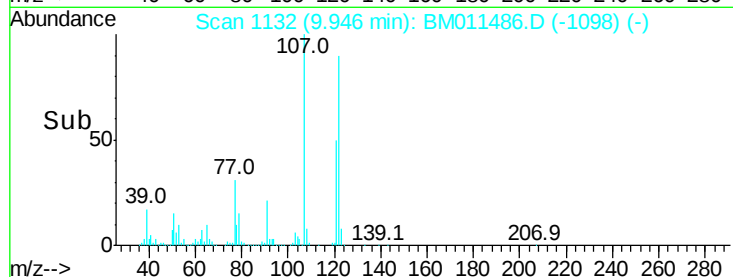
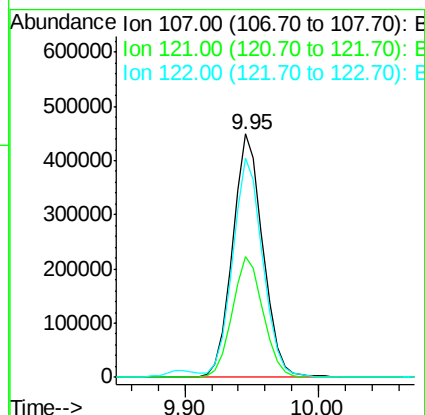
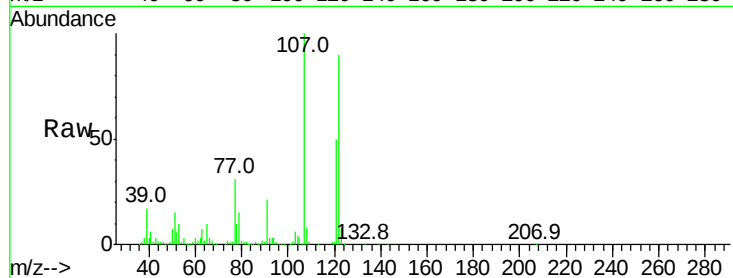




#24  
 2,4-Dimethylphenol  
 Concen: 20.118 ng/ul  
 RT: 9.95 min Scan# 1132  
 Delta R.T. 0.00 min  
 Lab File: BM011486.D  
 Acq: 09 Sep 2017 14:58

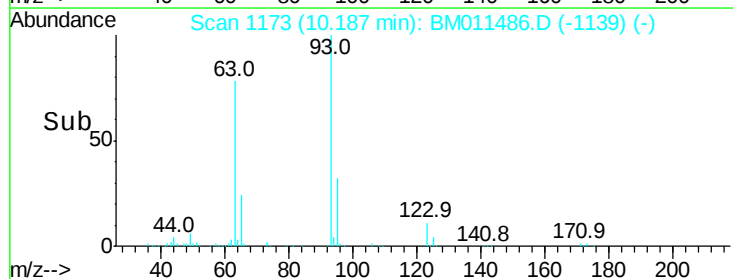
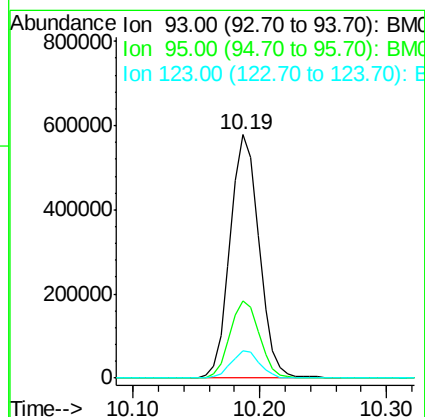
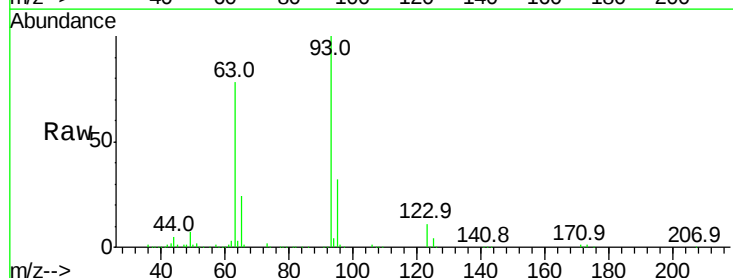
Instrument :  
 BNA\_M  
 ClientSampleId :

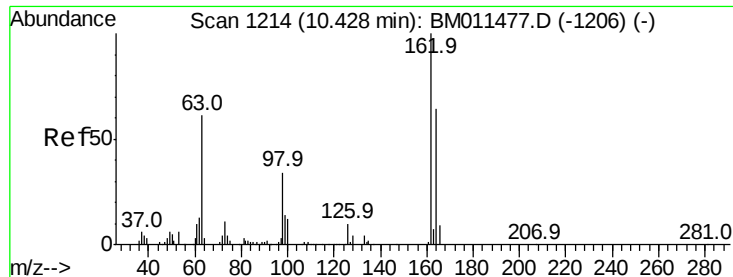
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 121     | 49.9  | 38.1  | 57.1  |
| 122     | 90.1  | 63.8  | 95.8  |



#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 19.711 ng/ul  
 RT: 10.19 min Scan# 1173  
 Delta R.T. 0.00 min  
 Lab File: BM011486.D  
 Acq: 09 Sep 2017 14:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 31.7  | 24.7  | 37.1  |
| 123     | 11.2  | 8.2   | 12.2  |





#27

2,4-Dichlorophenol

Concen: 20.038 ng/ul

RT: 10.43 min Scan# 1214

Delta R.T. 0.00 min

Lab File: BM011486.D

Acq: 09 Sep 2017 14:58

Instrument :

BNA\_M

ClientSampleId :

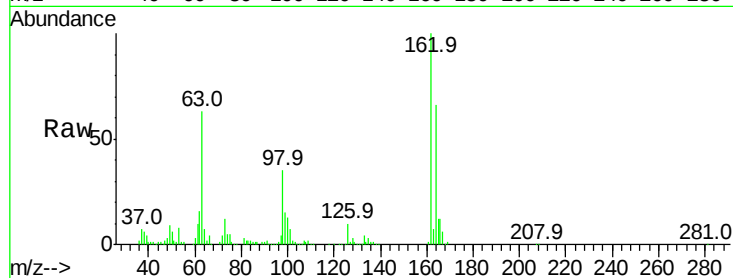
Tot Ion:162 Resp: 609092

Ion Ratio Lower Upper

162 100

164 65.9 52.0 78.0

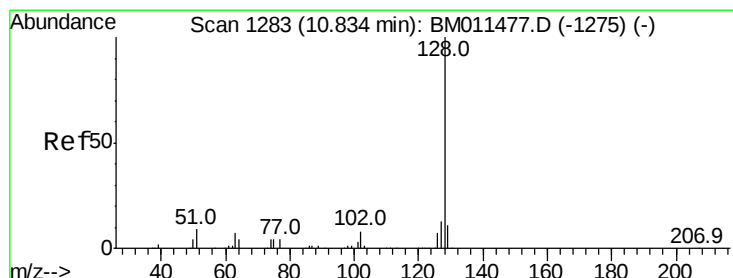
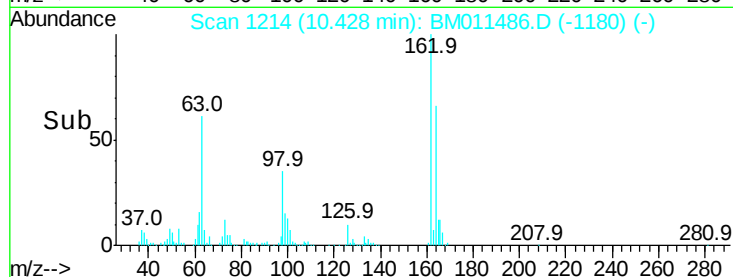
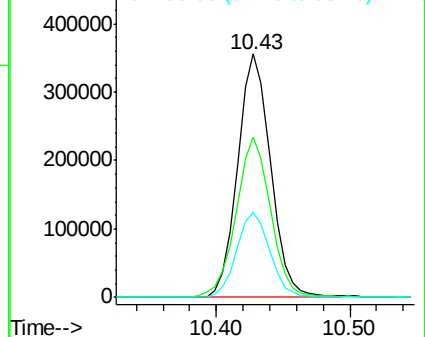
98 34.7 26.6 39.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#28

Naphthalene

Concen: 19.958 ng/ul

RT: 10.84 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BM011486.D

Acq: 09 Sep 2017 14:58

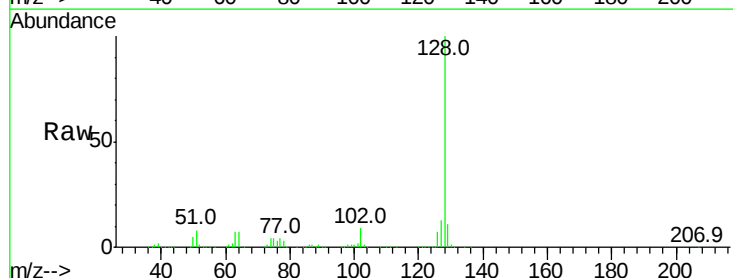
Tgt Ion:128 Resp: 2053991

Ion Ratio Lower Upper

128 100

129 10.9 8.3 12.5

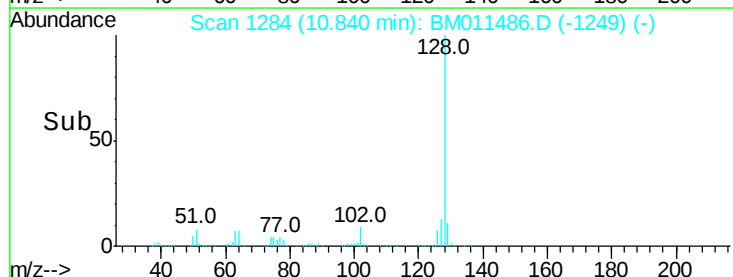
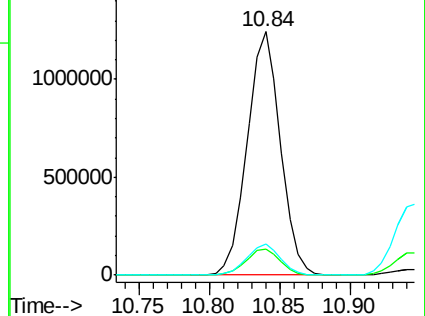
127 12.5 10.8 16.2

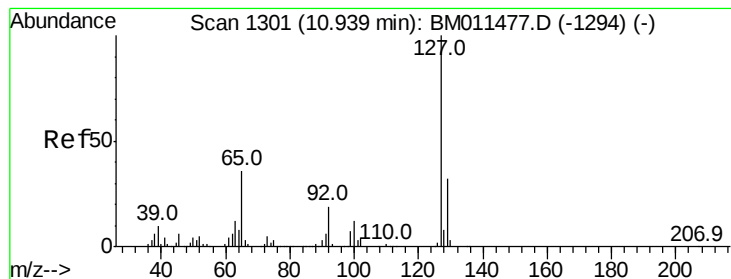


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#30

4-Chloroaniline

Concen: 20.388 ng/ul

RT: 10.95 min Scan# 1302

Delta R.T. 0.01 min

Lab File: BM011486.D

Acq: 09 Sep 2017 14:58

Instrument :

BNA\_M

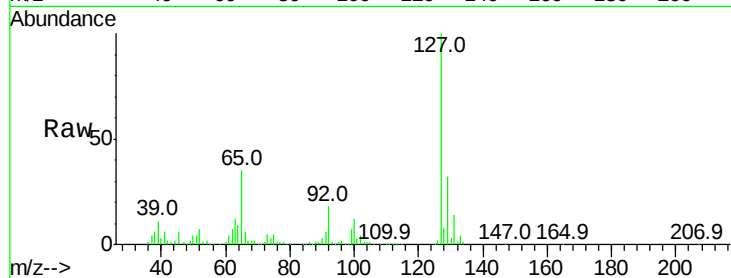
ClientSampleId :

Tot Ion:127 Resp: 673995

Ion Ratio Lower Upper

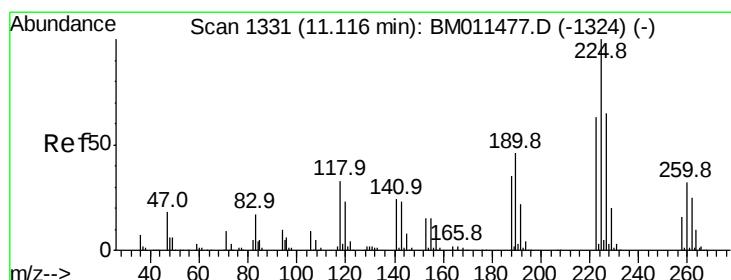
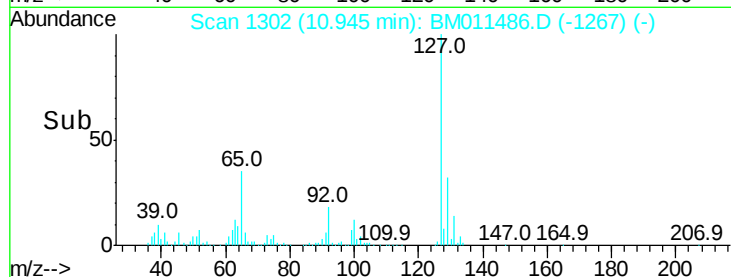
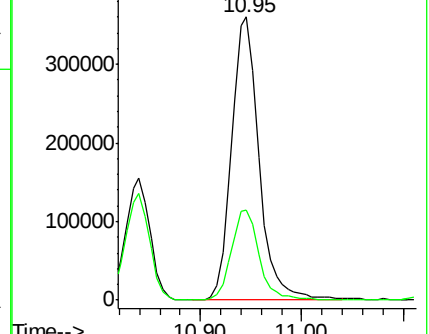
127 100

129 31.8 24.6 37.0



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E



#31

Hexachlorobutadiene

Concen: 20.383 ng/ul

RT: 11.12 min Scan# 1331

Delta R.T. 0.00 min

Lab File: BM011486.D

Acq: 09 Sep 2017 14:58

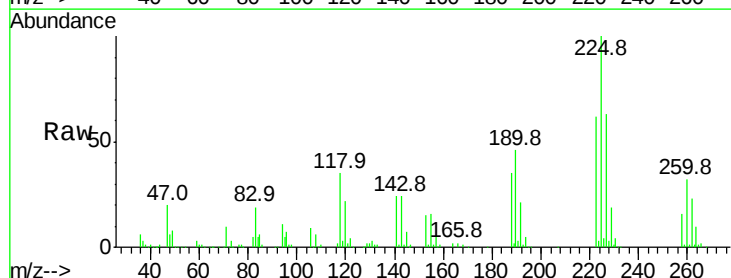
Tgt Ion:225 Resp: 351648

Ion Ratio Lower Upper

225 100

223 61.9 48.1 72.1

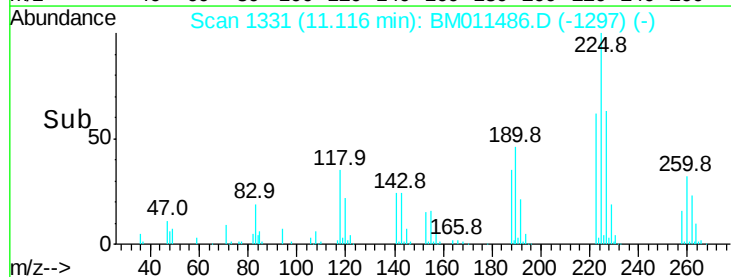
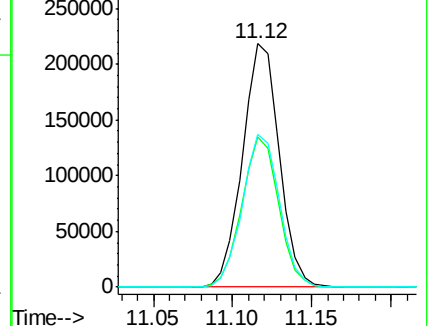
227 62.6 52.1 78.1

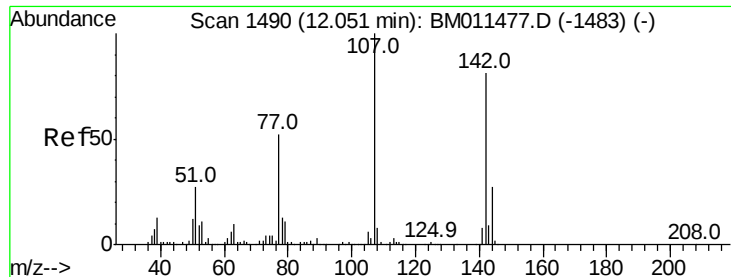


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

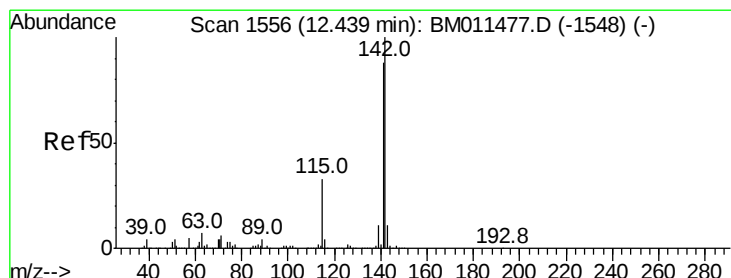
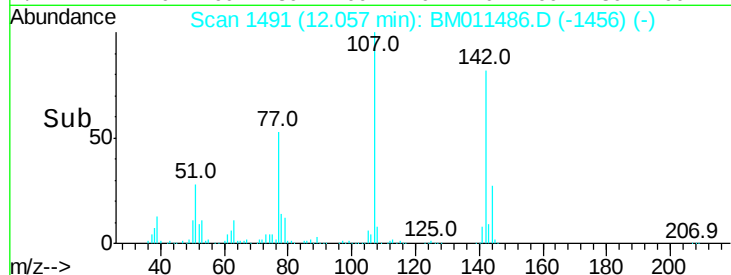
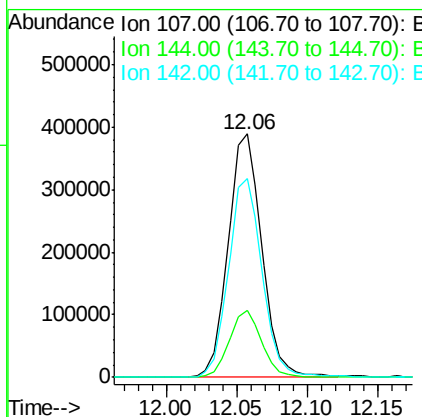
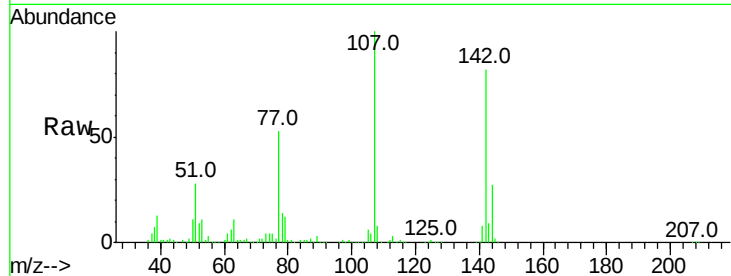




#33  
 4-Chloro-3-methylphenol  
 Concen: 20.050 ng/ul  
 RT: 12.06 min Scan# 1491  
 Delta R.T. 0.01 min  
 Lab File: BM011486.D  
 Acq: 09 Sep 2017 14:58

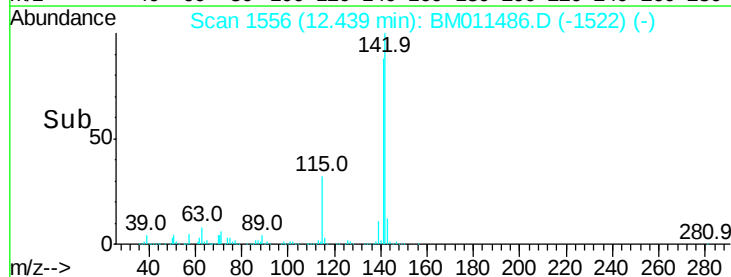
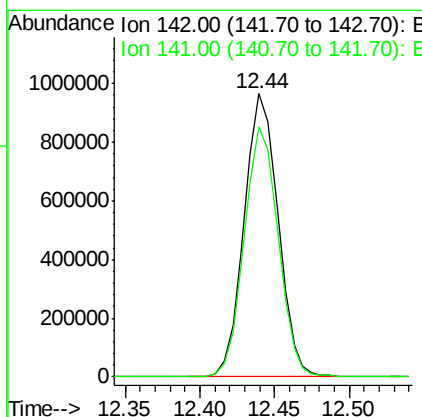
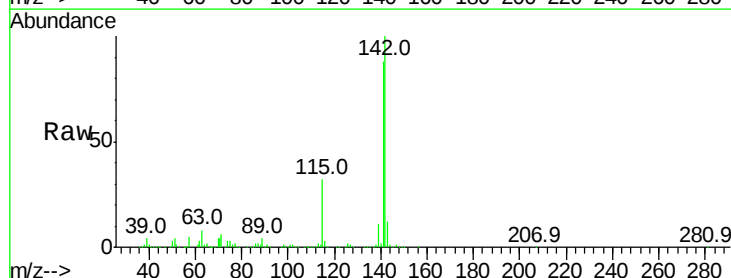
Instrument :  
 BNA\_M  
 ClientSampleId :

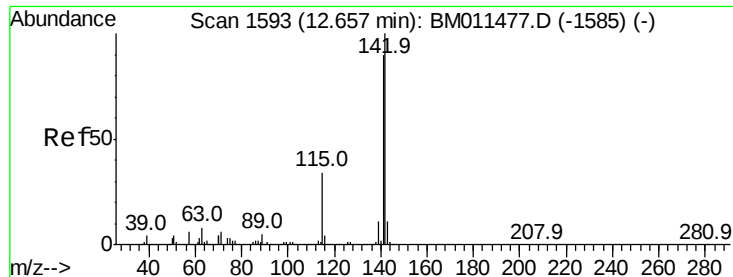
Tot Ion:107 Resp: 646156  
 Ion Ratio Lower Upper  
 107 100  
 144 27.3 21.1 31.7  
 142 81.9 60.1 90.1



#34  
 2-Methylnaphthalene  
 Concen: 19.915 ng/ul  
 RT: 12.44 min Scan# 1556  
 Delta R.T. 0.00 min  
 Lab File: BM011486.D  
 Acq: 09 Sep 2017 14:58

Tgt Ion:142 Resp: 1522062  
 Ion Ratio Lower Upper  
 142 100  
 141 88.1 71.4 107.2





#35

1-Methylnaphthalene

Concen: 20.058 ng/ul

RT: 12.66 min Scan# 1594

Delta R.T. 0.01 min

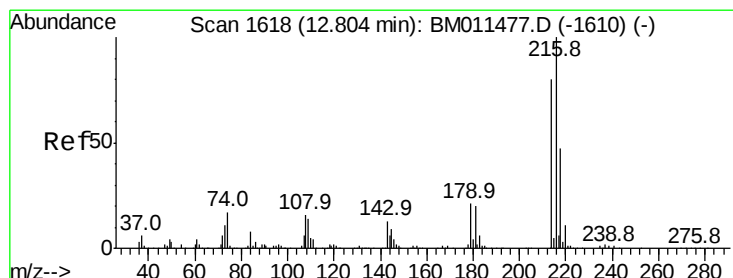
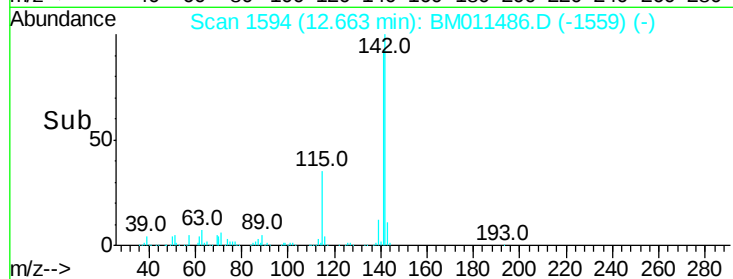
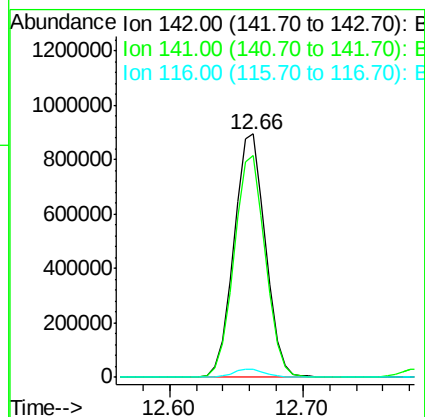
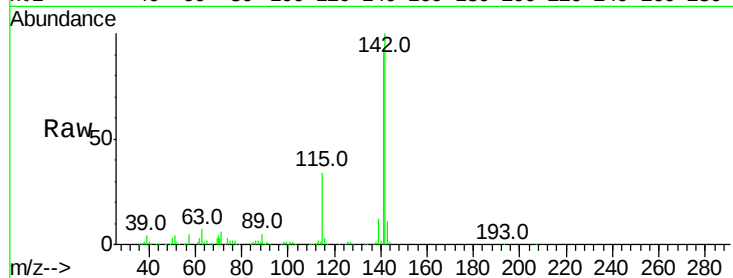
Lab File: BM011486.D

Acq: 09 Sep 2017 14:58

Instrument :  
BNA\_M  
ClientSampled :

Tot Ion:142 Resp: 1460040

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 141 | 91.1  | 76.6  | 115.0 |
| 116 | 3.5   | 3.6   | 5.4#  |



#37

1,2,4,5-Tetrachlorobenzene

Concen: 19.854 ng/ul

RT: 12.80 min Scan# 1618

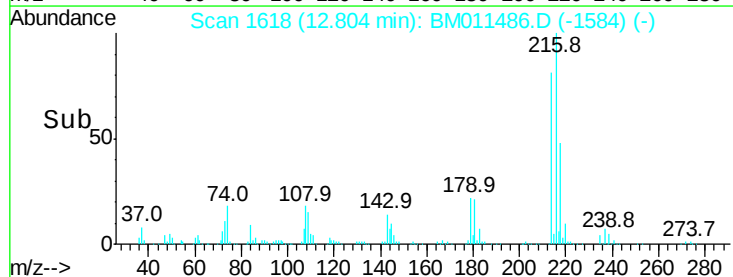
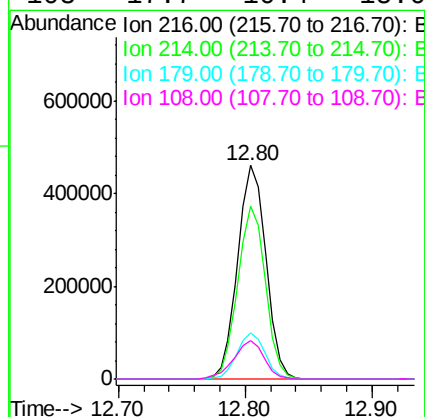
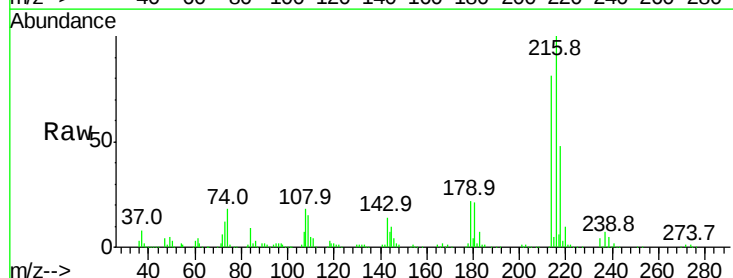
Delta R.T. 0.00 min

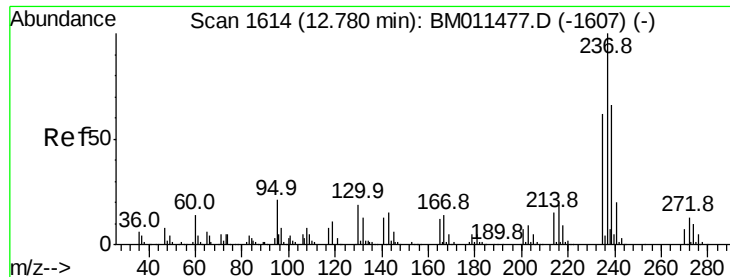
Lab File: BM011486.D

Acq: 09 Sep 2017 14:58

Tgt Ion:216 Resp: 713174

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 216 | 100   |       |       |
| 214 | 81.1  | 64.1  | 96.1  |
| 179 | 21.6  | 14.5  | 21.7  |
| 108 | 17.7  | 10.4  | 15.6# |





#38

Hexachlorocyclopentadiene

Concen: 17.262 ng/ul

RT: 12.79 min Scan# 1615

Delta R.T. 0.01 min

Lab File: BM011486.D

Acq: 09 Sep 2017 14:58

Instrument :

BNA\_M

ClientSampleId :

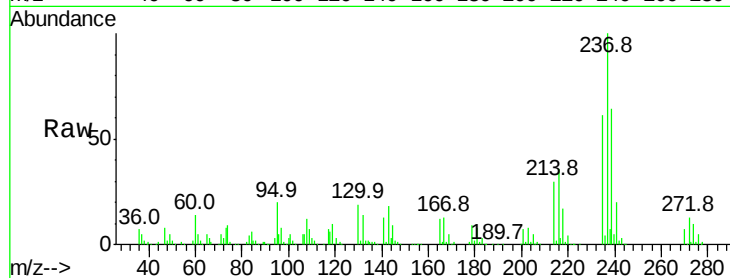
Tot Ion:237 Resp: 347563

Ion Ratio Lower Upper

237 100

235 60.8 49.5 74.3

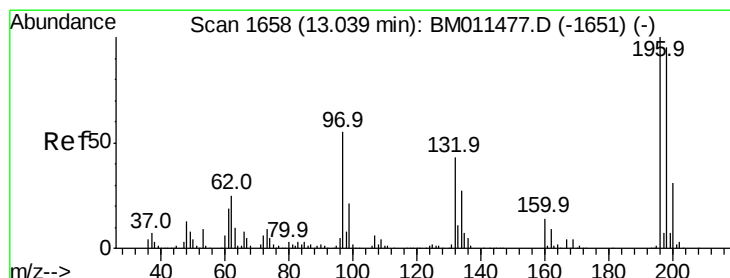
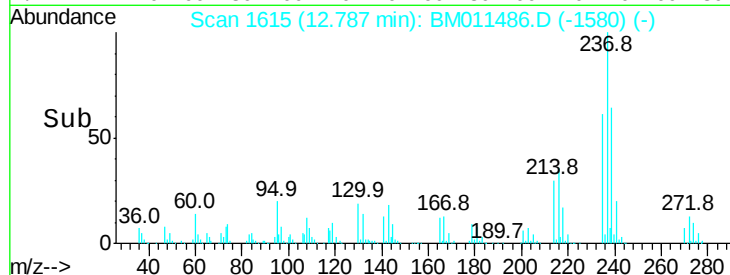
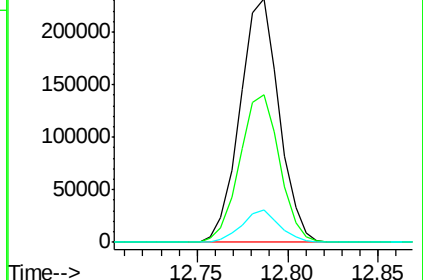
272 13.8 8.6 12.8#



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#39

2,4,6-Trichlorophenol

Concen: 19.185 ng/ul

RT: 13.04 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BM011486.D

Acq: 09 Sep 2017 14:58

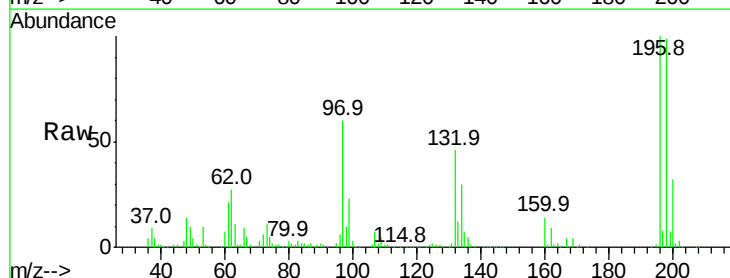
Tgt Ion:196 Resp: 469202

Ion Ratio Lower Upper

196 100

198 98.7 75.9 113.9

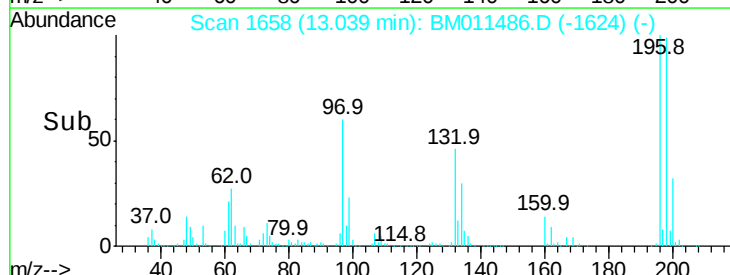
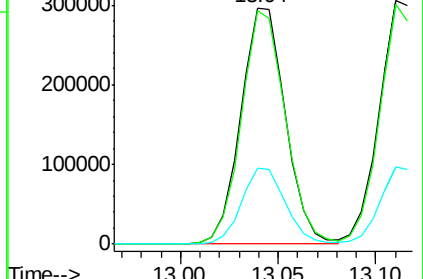
200 31.9 25.8 38.6

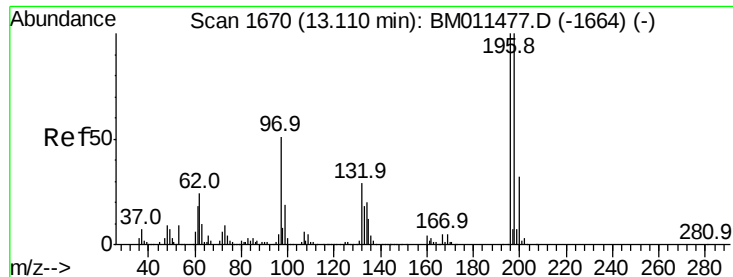


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

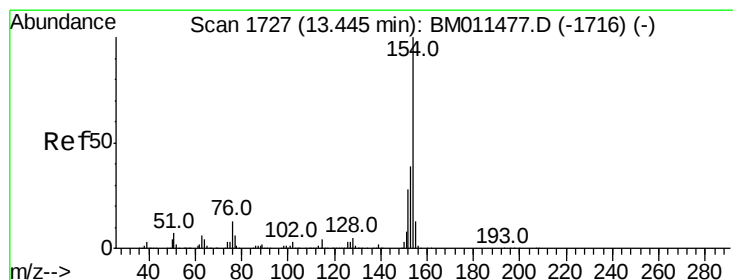
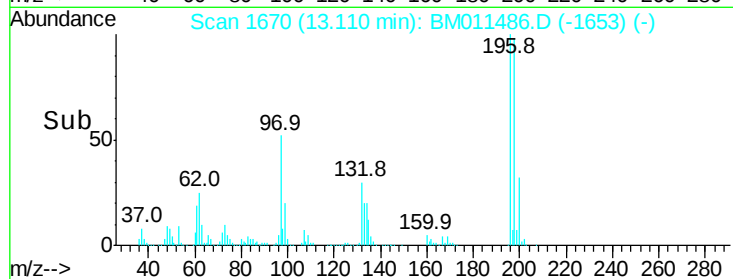
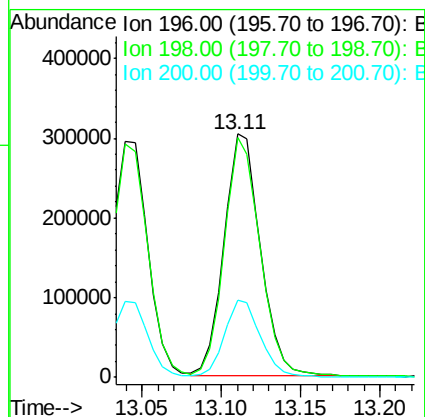
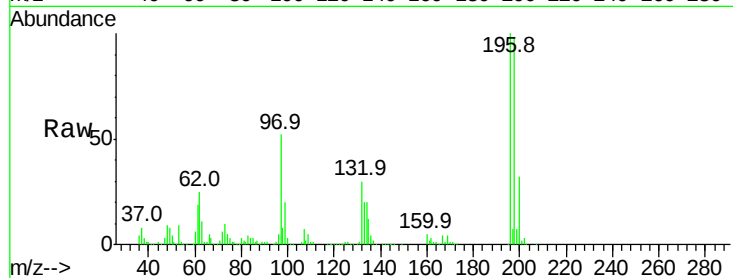




#40  
 2,4,5-Trichlorophenol  
 Concen: 19.431 ng/ul  
 RT: 13.11 min Scan# 1670  
 Delta R.T. 0.00 min  
 Lab File: BM011486.D  
 Acq: 09 Sep 2017 14:58

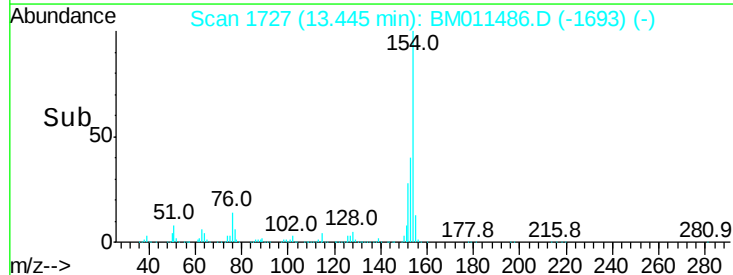
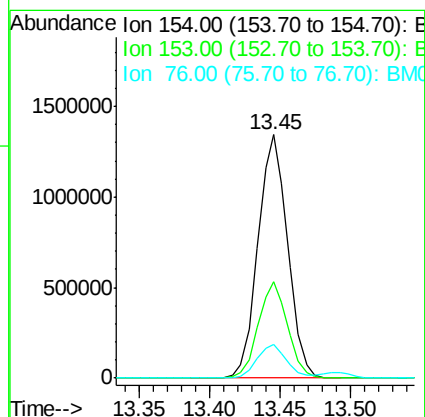
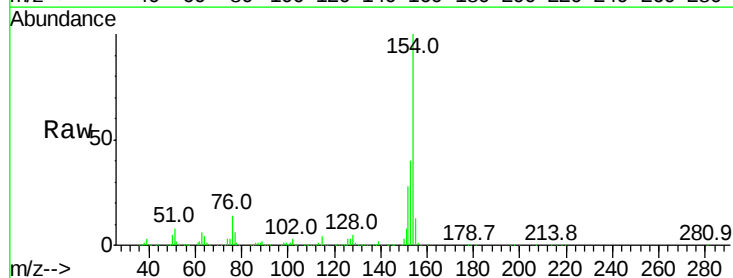
Instrument :  
 BNA\_M  
 ClientSampleId :

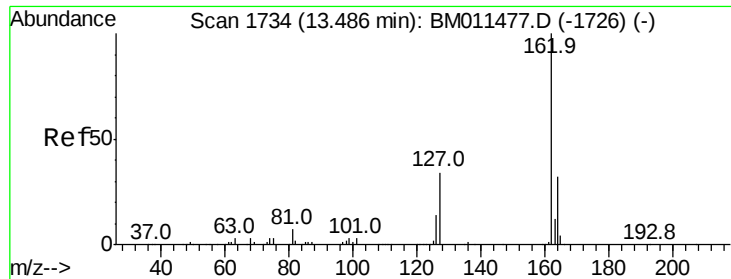
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 98.3  | 74.7  | 112.1 |
| 200     | 31.7  | 25.4  | 38.0  |



#41  
 1,1'-Biphenyl  
 Concen: 19.686 ng/ul  
 RT: 13.45 min Scan# 1727  
 Delta R.T. 0.00 min  
 Lab File: BM011486.D  
 Acq: 09 Sep 2017 14:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 39.6  | 34.0  | 51.0  |
| 76      | 14.0  | 8.4   | 12.6  |

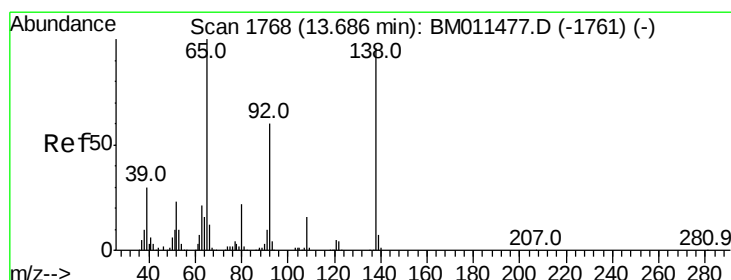
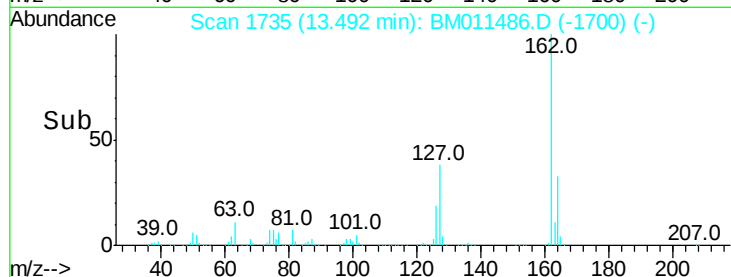
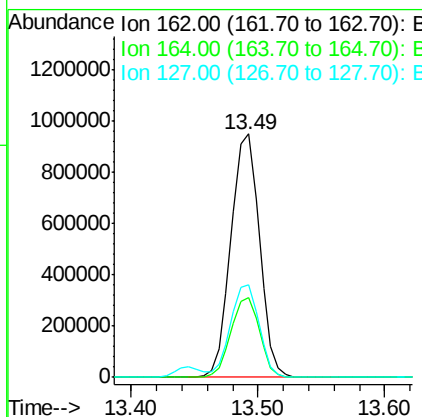
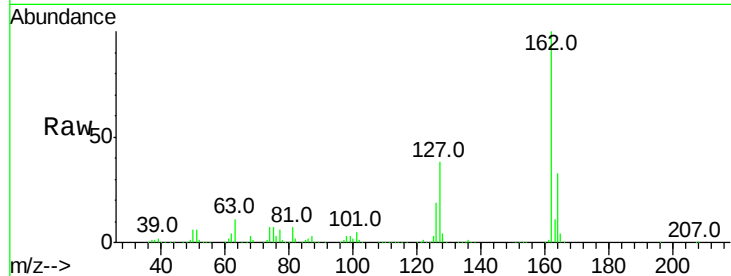




#42  
2-Chloronaphthalene  
Concen: 19.529 ng/ul  
RT: 13.49 min Scan# 1735  
Delta R.T. 0.01 min  
Lab File: BM011486.D  
Acq: 09 Sep 2017 14:58

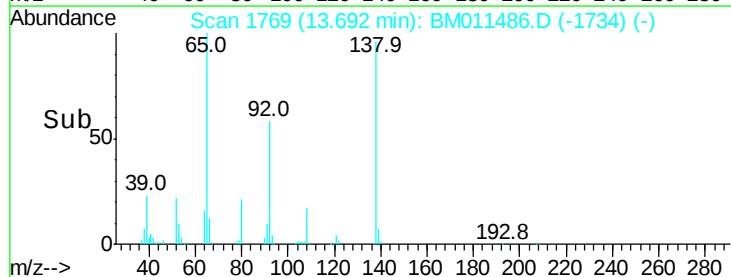
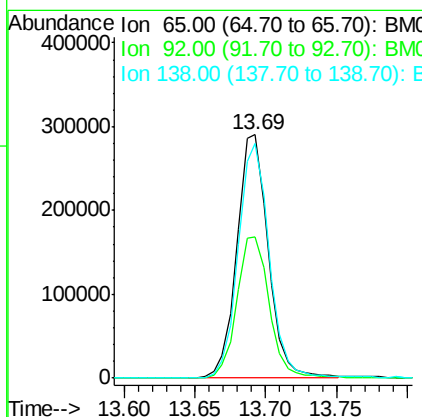
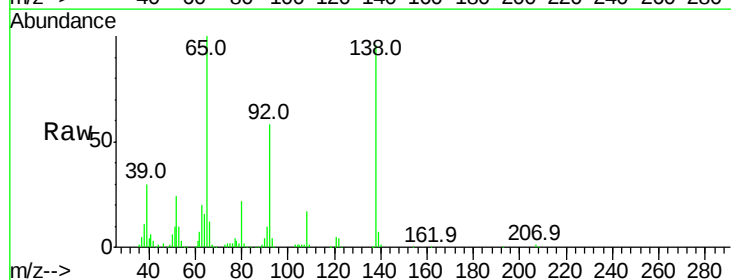
Instrument :  
BNA\_M  
ClientSampleId :

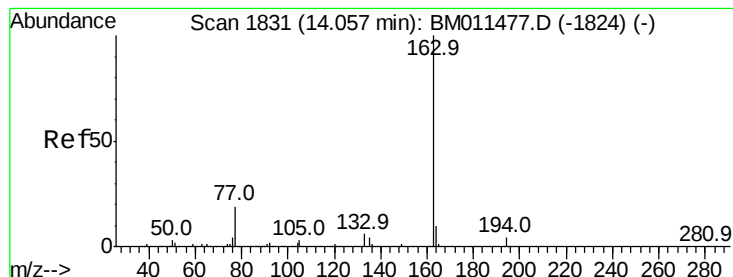
Tot Ion:162 Resp: 1480715  
Ion Ratio Lower Upper  
162 100  
164 32.5 26.2 39.4  
127 37.8 29.5 44.3



#43  
2-Nitroaniline  
Concen: 19.198 ng/ul  
RT: 13.69 min Scan# 1769  
Delta R.T. 0.01 min  
Lab File: BM011486.D  
Acq: 09 Sep 2017 14:58

Tgt Ion: 65 Resp: 452104  
Ion Ratio Lower Upper  
65 100  
92 58.2 57.0 85.4  
138 96.4 87.2 130.8





#45

Dimethylphthalate

Concen: 19.522 ng/ul

RT: 14.06 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BM011486.D

Acq: 09 Sep 2017 14:58

Instrument :

BNA\_M

ClientSampleId :

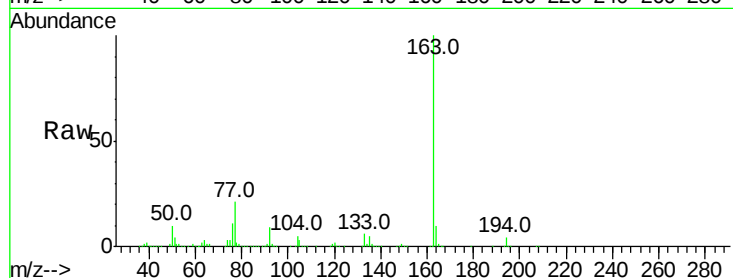
Tot Ion:163 Resp: 1913438

Ion Ratio Lower Upper

163 100

194 3.7 4.0 6.0#

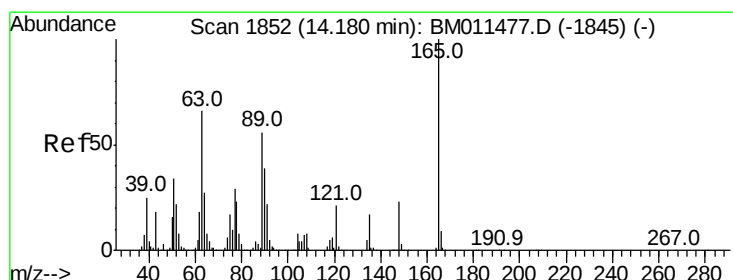
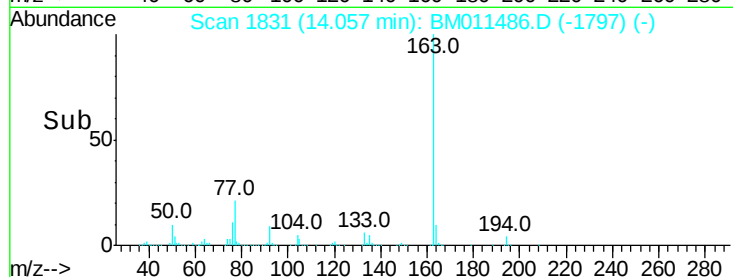
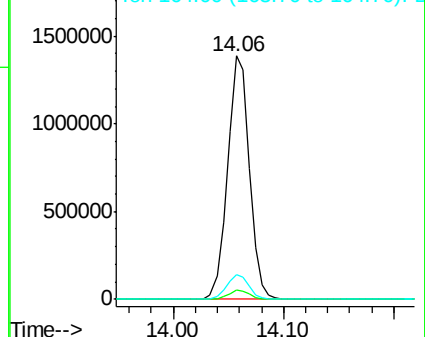
164 10.2 8.4 12.6



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



#46

2,6-Dinitrotoluene

Concen: 19.817 ng/ul

RT: 14.18 min Scan# 1852

Delta R.T. 0.00 min

Lab File: BM011486.D

Acq: 09 Sep 2017 14:58

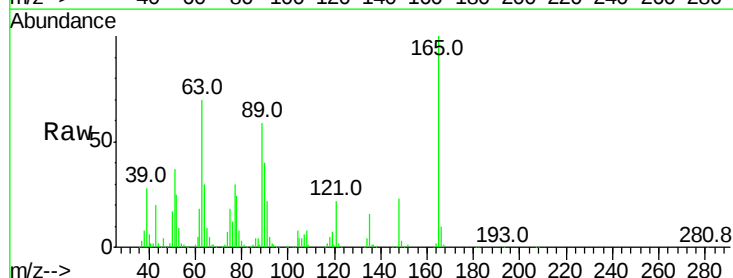
Tgt Ion:165 Resp: 343039

Ion Ratio Lower Upper

165 100

89 59.2 43.8 65.8

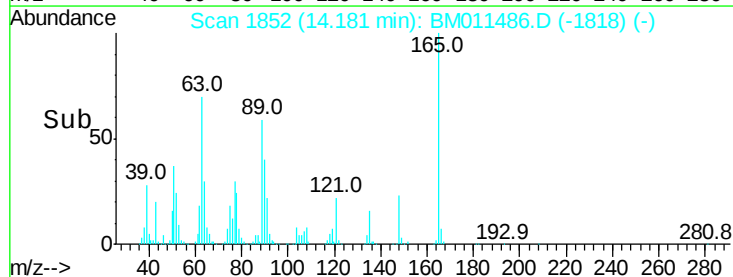
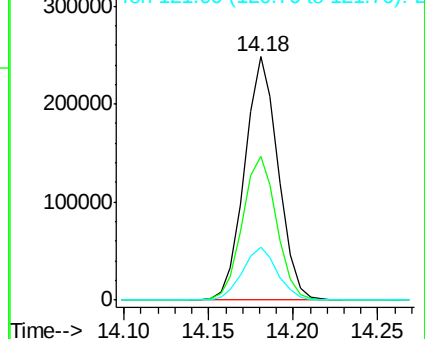
121 22.0 17.8 26.6

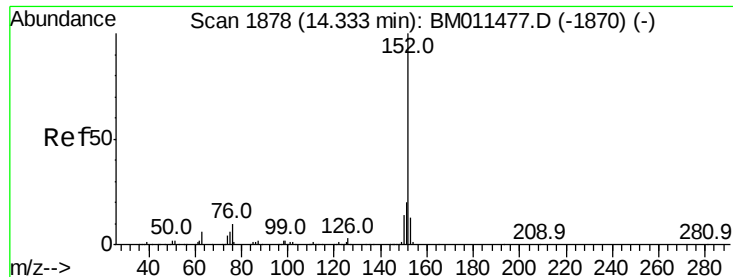


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#48

Acenaphthylene

Concen: 19.927 ng/ul

RT: 14.33 min Scan# 1878

Delta R.T. 0.00 min

Lab File: BM011486.D

Acq: 09 Sep 2017 14:58

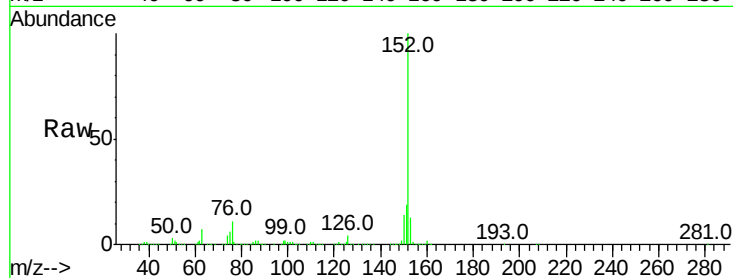
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:152 Resp: 2483176

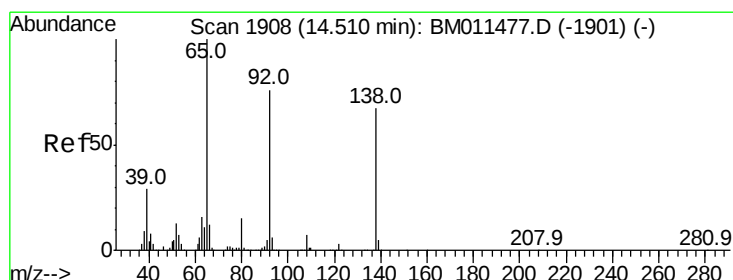
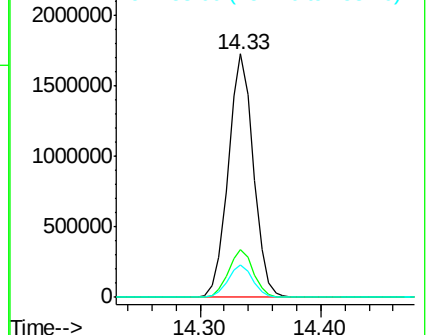
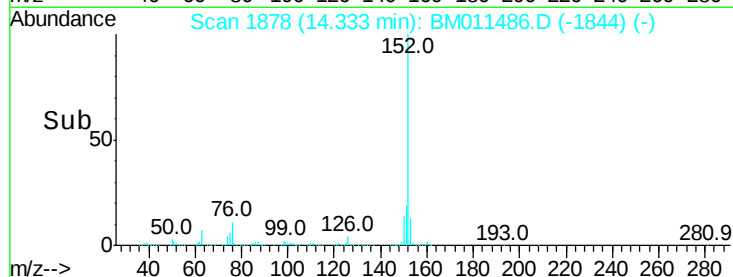
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 19.4  | 16.1  | 24.1  |
| 153 | 13.1  | 10.8  | 16.2  |



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

3-Nitroaniline

Concen: 18.802 ng/ul

RT: 14.51 min Scan# 1908

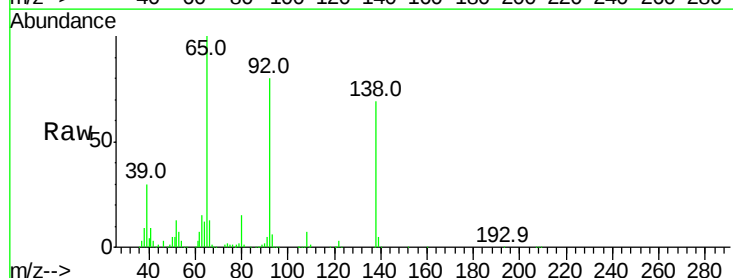
Delta R.T. 0.00 min

Lab File: BM011486.D

Acq: 09 Sep 2017 14:58

Tgt Ion:138 Resp: 401314

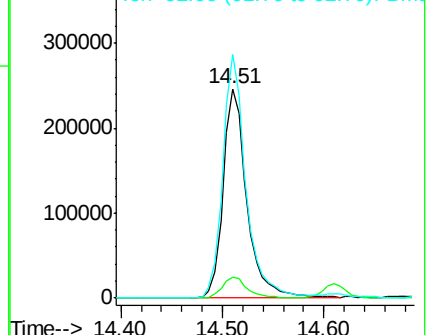
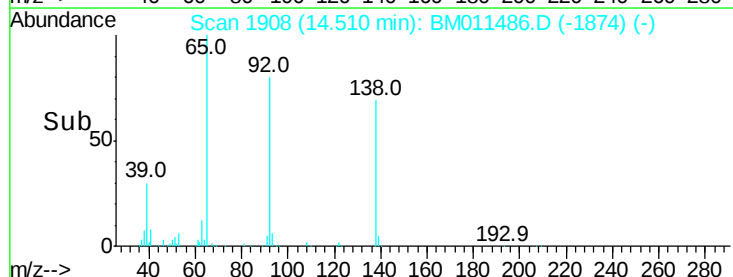
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 138 | 100   |       |       |
| 108 | 10.2  | 7.6   | 11.4  |
| 92  | 116.1 | 94.2  | 141.2 |

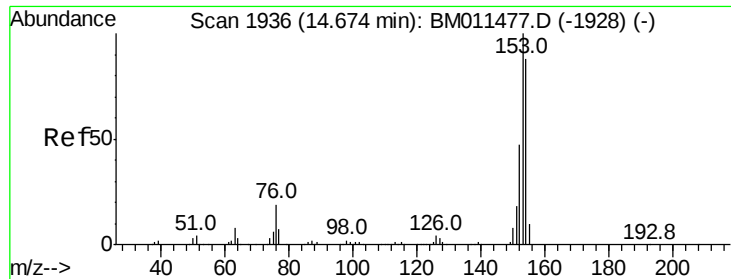


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E





#50

Acenaphthene

Concen: 19.544 ng/ul

RT: 14.67 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BM011486.D

Acq: 09 Sep 2017 14:58

Instrument :

BNA\_M

ClientSampleId :

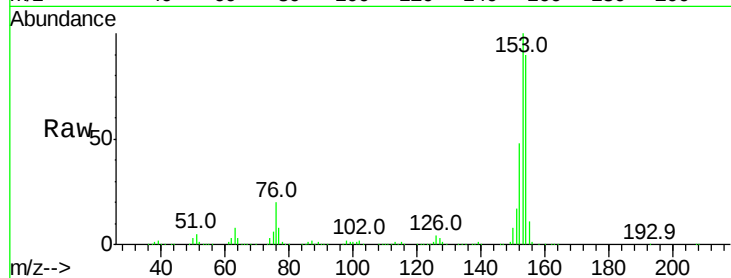
Tot Ion:153 Resp: 1645614

Ion Ratio Lower Upper

153 100

152 47.8 37.9 56.9

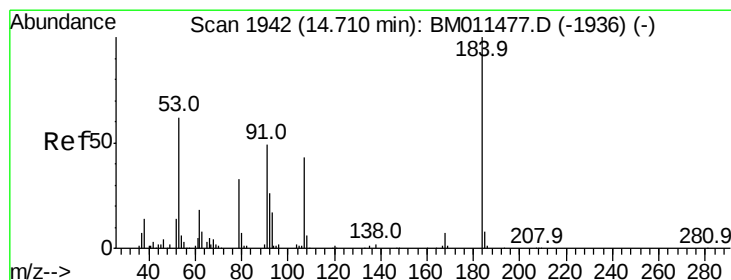
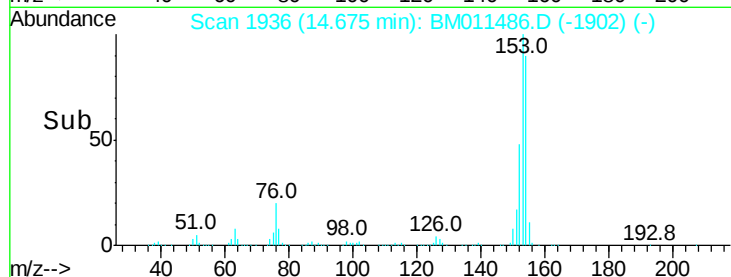
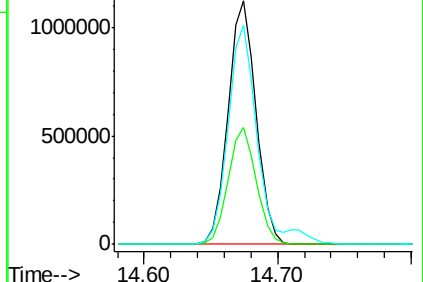
154 90.1 69.8 104.6



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#51

2,4-Dinitrophenol

Concen: 16.739 ng/ul

RT: 14.71 min Scan# 1942

Delta R.T. 0.00 min

Lab File: BM011486.D

Acq: 09 Sep 2017 14:58

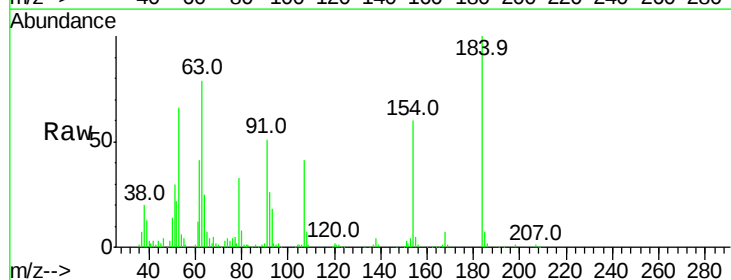
Tgt Ion:184 Resp: 179026

Ion Ratio Lower Upper

184 100

63 78.8 39.7 59.5#

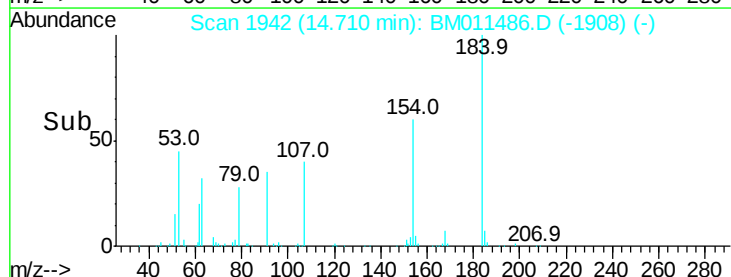
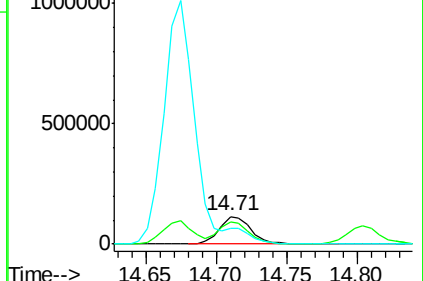
154 59.7 45.0 67.6

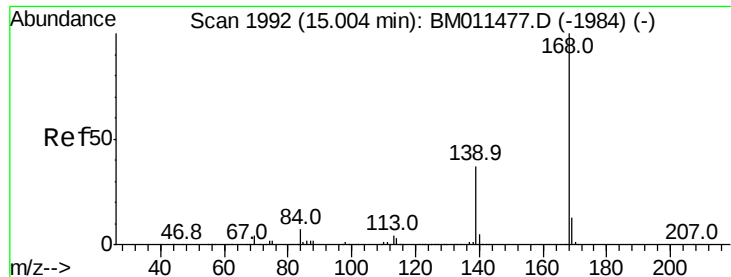


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 19.769 ng/ul

RT: 15.00 min Scan# 1992

Delta R.T. 0.00 min

Lab File: BM011486.D

Acq: 09 Sep 2017 14:58

Instrument :

BNA\_M

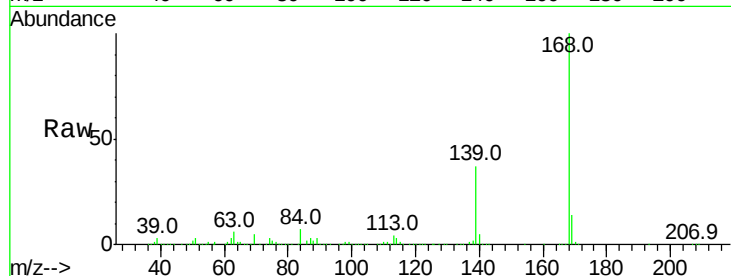
ClientSampleId :

Tot Ion:168 Resp: 2328361

Ion Ratio Lower Upper

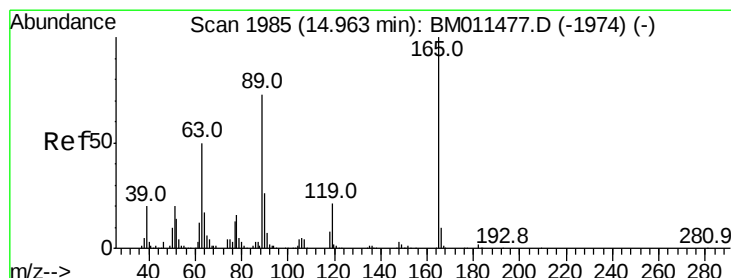
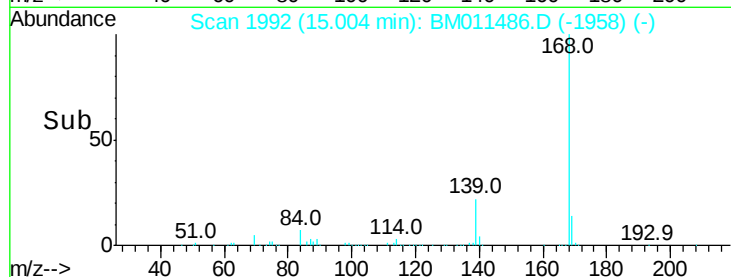
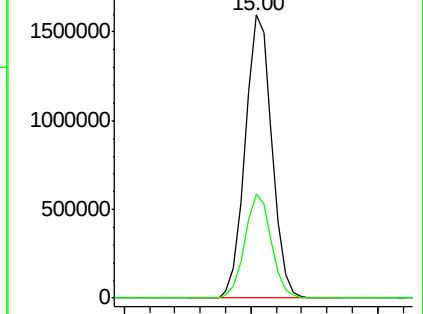
168 100

139 36.9 31.0 46.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#55

2,4-Dinitrotoluene

Concen: 19.715 ng/ul

RT: 14.96 min Scan# 1985

Delta R.T. 0.00 min

Lab File: BM011486.D

Acq: 09 Sep 2017 14:58

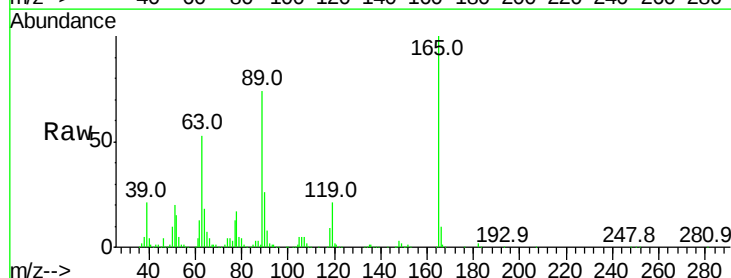
Tgt Ion:165 Resp: 501685

Ion Ratio Lower Upper

165 100

63 52.7 31.4 47.0#

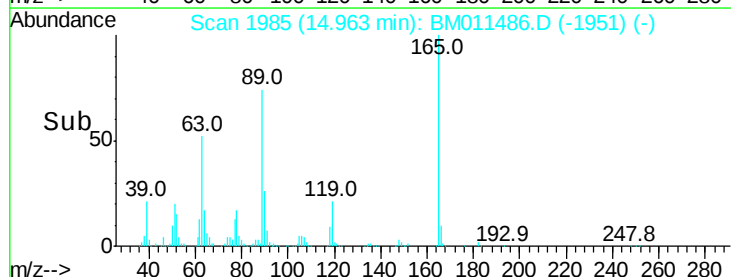
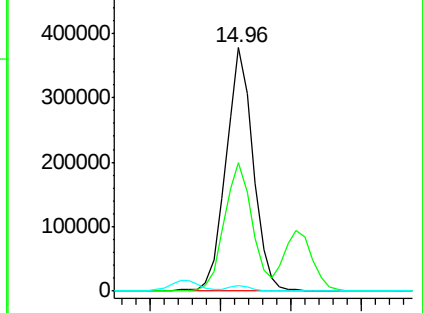
182 2.0 2.7 4.1#

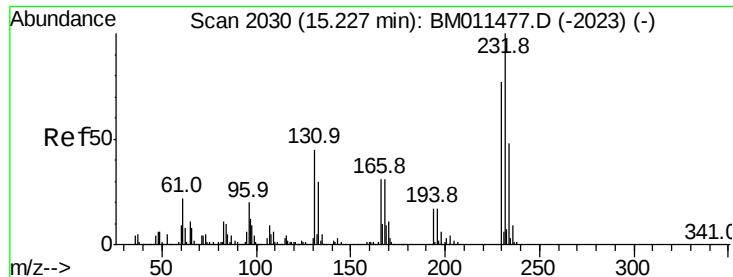


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E





#56

2,3,4,6-Tetrachlorophenol

Concen: 19.741 ng/ul

RT: 15.23 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BM011486.D

Acq: 09 Sep 2017 14:58

Instrument :

BNA\_M

ClientSampled :

Tot Ion:232 Resp: 446141

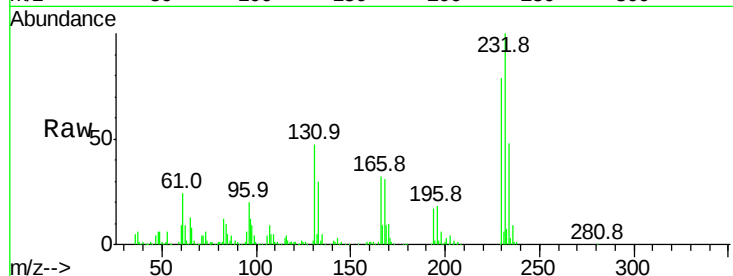
Ion Ratio Lower Upper

232 100

131 47.3 27.1 40.7#

130 2.1 0.0 0.0#

166 31.8 20.0 30.0#

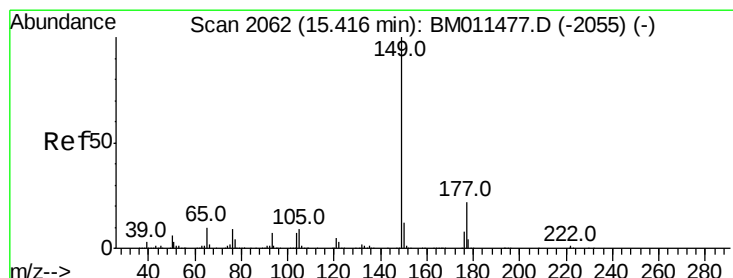
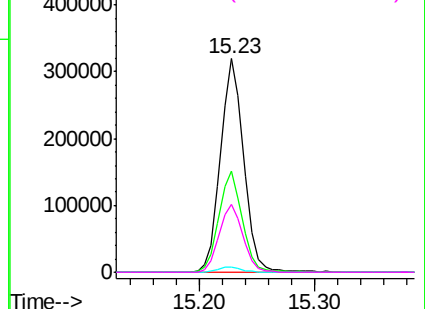
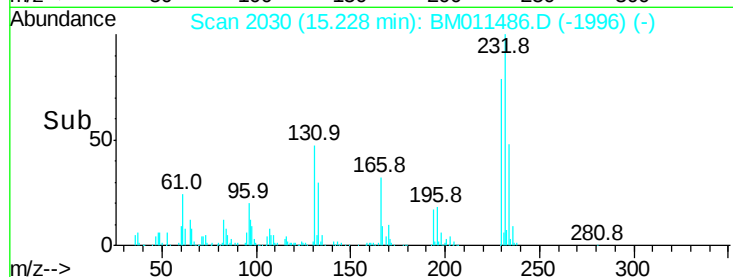


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#57

Diethylphthalate

Concen: 19.244 ng/ul

RT: 15.42 min Scan# 2062

Delta R.T. 0.00 min

Lab File: BM011486.D

Acq: 09 Sep 2017 14:58

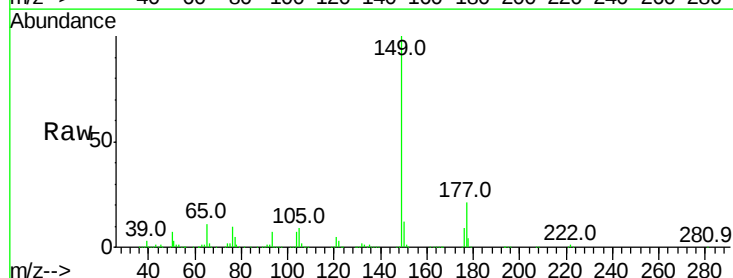
Tgt Ion:149 Resp: 1962921

Ion Ratio Lower Upper

149 100

177 21.4 19.3 28.9

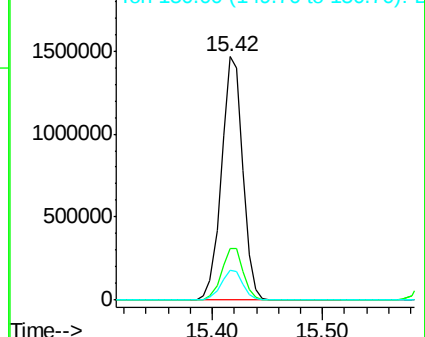
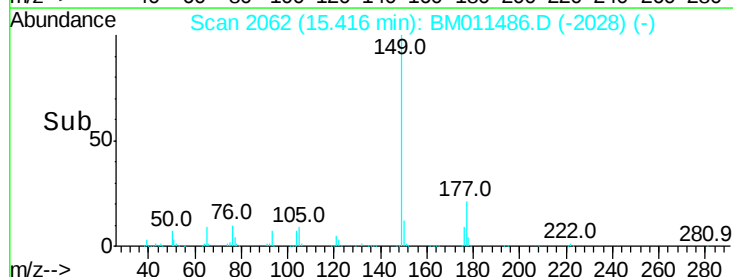
150 12.3 10.6 15.8

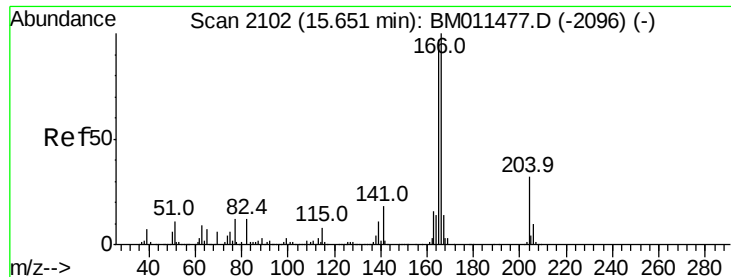


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#59

Fluorene

Concen: 20.014 ng/ul

RT: 15.65 min Scan# 2102

Delta R.T. 0.00 min

Lab File: BM011486.D

Acq: 09 Sep 2017 14:58

Instrument :

BNA\_M

ClientSampleId :

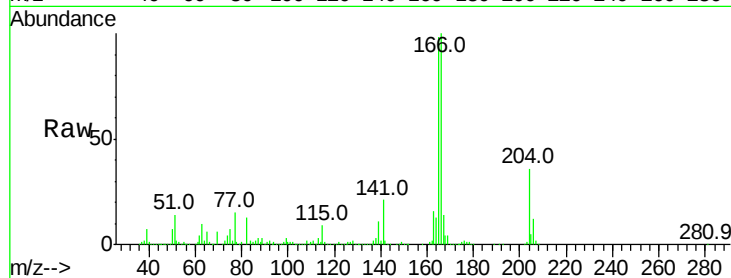
Tot Ion:166 Resp: 1975549

Ion Ratio Lower Upper

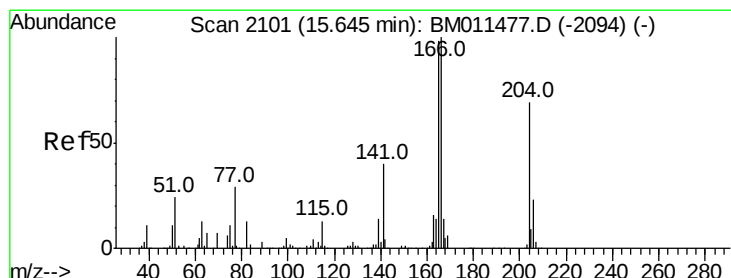
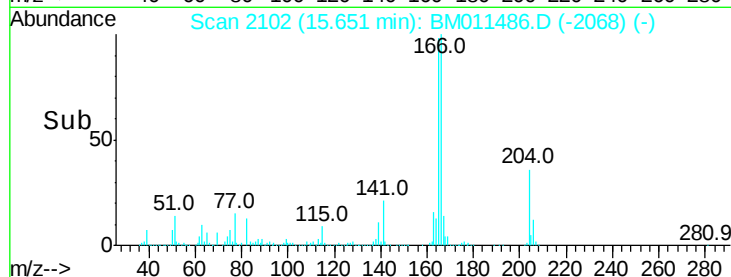
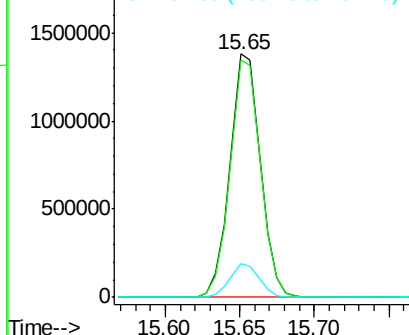
166 100

165 97.6 78.4 117.6

167 14.0 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E



#60

4-Chlorophenyl-phenylether

Concen: 19.957 ng/ul

RT: 15.65 min Scan# 2101

Delta R.T. 0.00 min

Lab File: BM011486.D

Acq: 09 Sep 2017 14:58

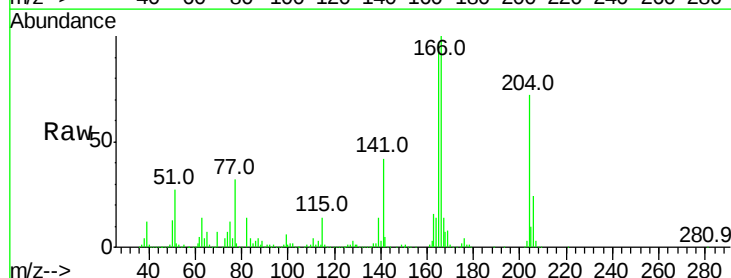
Tgt Ion:204 Resp: 922961

Ion Ratio Lower Upper

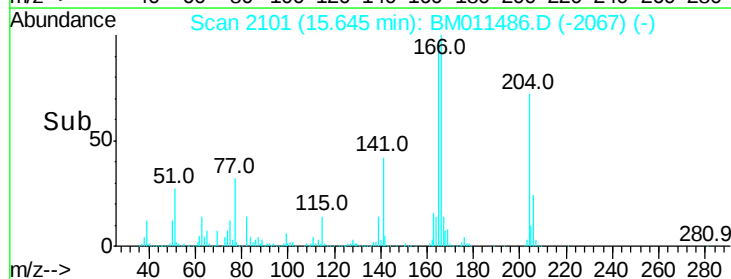
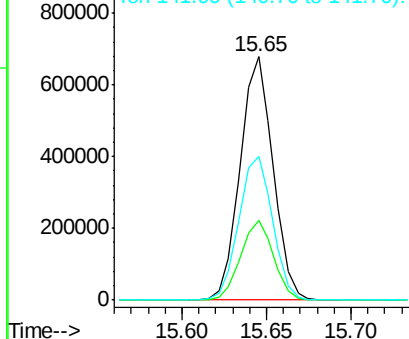
204 100

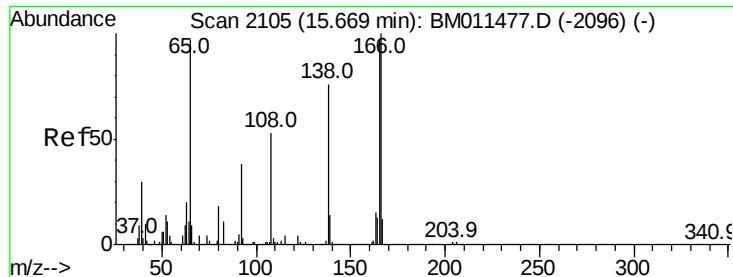
206 32.9 26.6 40.0

141 59.0 40.7 61.1



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

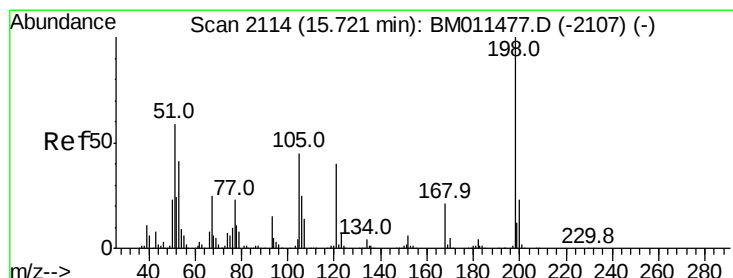
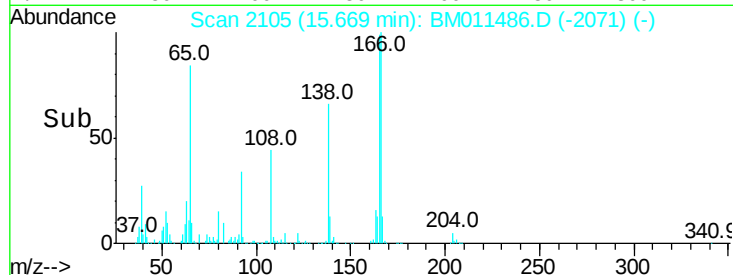
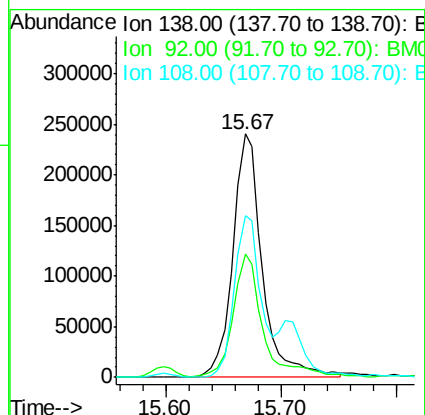
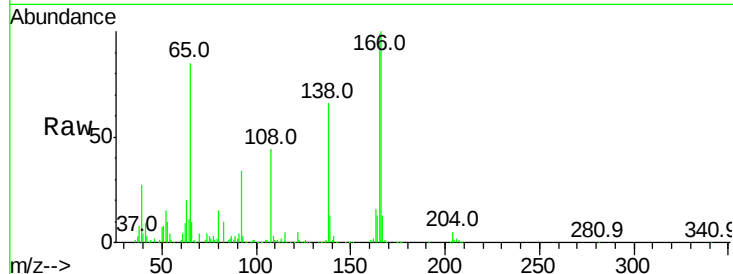




#61  
4-Nitroaniline  
Concen: 18.521 ng/ul  
RT: 15.67 min Scan# 2105  
Delta R.T. 0.00 min  
Lab File: BM011486.D  
Acq: 09 Sep 2017 14:58

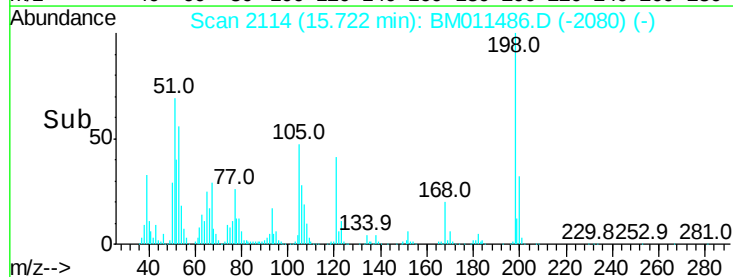
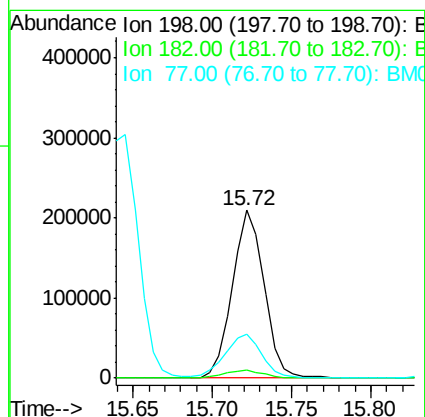
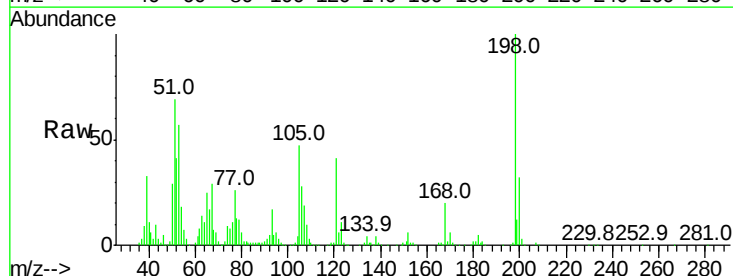
Instrument :  
BNA\_M  
ClientSampled :

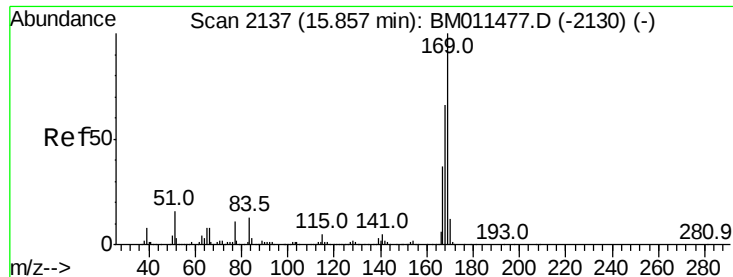
Tot Ion:138 Resp: 423465  
Ion Ratio Lower Upper  
138 100  
92 50.8 38.2 57.4  
108 66.4 70.0 105.0#



#64  
4,6-Dinitro-2-methylphenol  
Concen: 17.973 ng/ul  
RT: 15.72 min Scan# 2114  
Delta R.T. 0.00 min  
Lab File: BM011486.D  
Acq: 09 Sep 2017 14:58

Tgt Ion:198 Resp: 290535  
Ion Ratio Lower Upper  
198 100  
182 4.8 3.5 5.3  
77 25.9 18.2 27.4



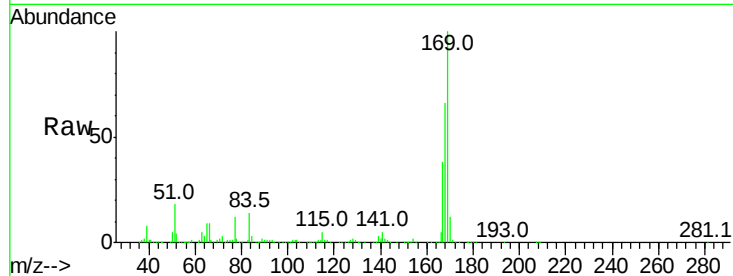


#65

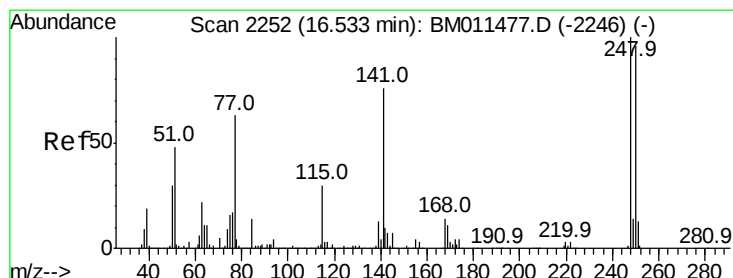
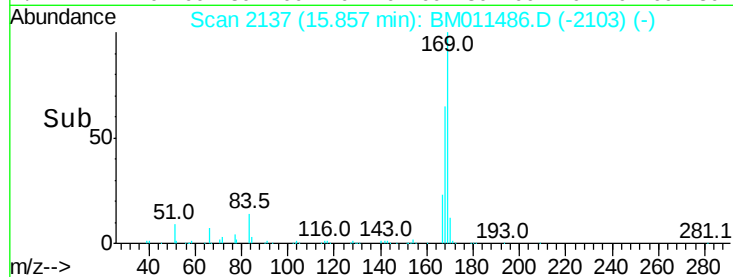
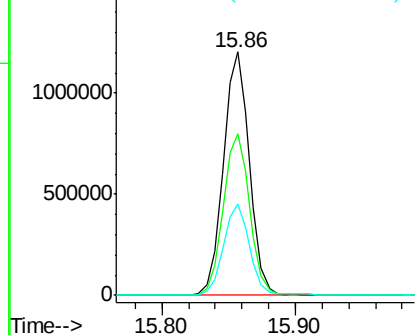
N-Nitrosodiphenylamine  
Concen: 19.908 ng/ul  
RT: 15.86 min Scan# 2137  
Delta R.T. 0.00 min  
Lab File: BM011486.D  
Acq: 09 Sep 2017 14:58

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:169 Resp: 1644064  
Ion Ratio Lower Upper  
169 100  
168 66.2 53.8 80.8  
167 37.5 29.5 44.3



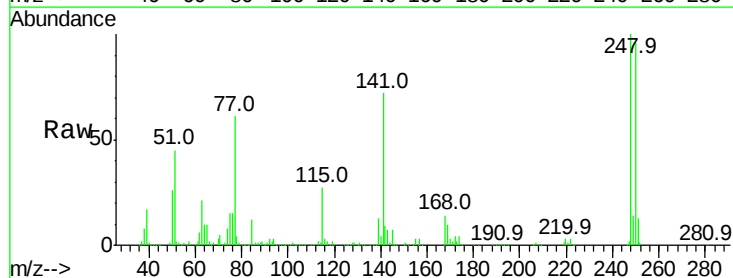
Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E



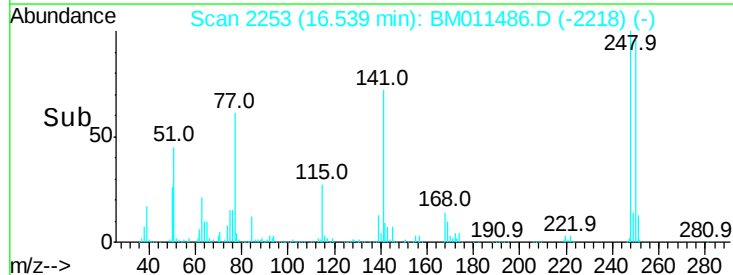
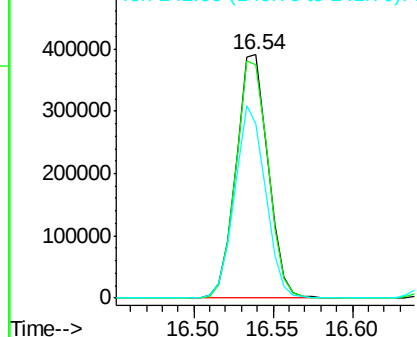
#66

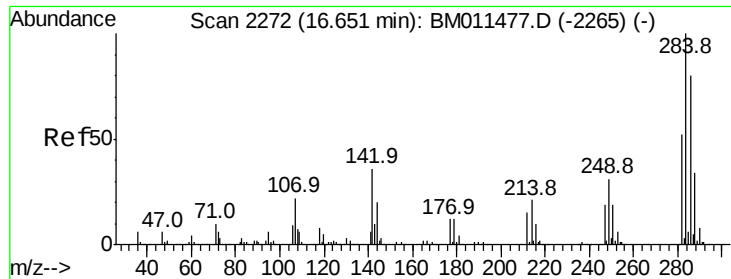
4-Bromophenyl-phenylether  
Concen: 19.748 ng/ul  
RT: 16.54 min Scan# 2253  
Delta R.T. 0.01 min  
Lab File: BM011486.D  
Acq: 09 Sep 2017 14:58

Tgt Ion:248 Resp: 546865  
Ion Ratio Lower Upper  
248 100  
250 96.0 79.0 118.4  
141 71.8 51.9 77.9



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

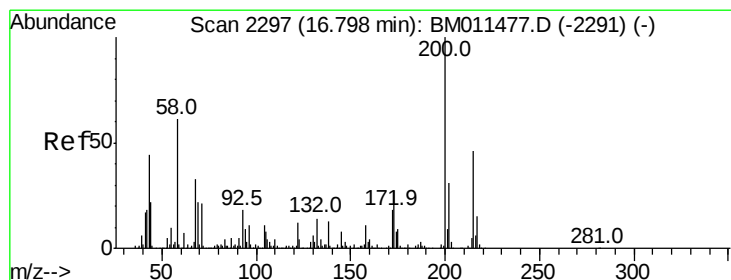
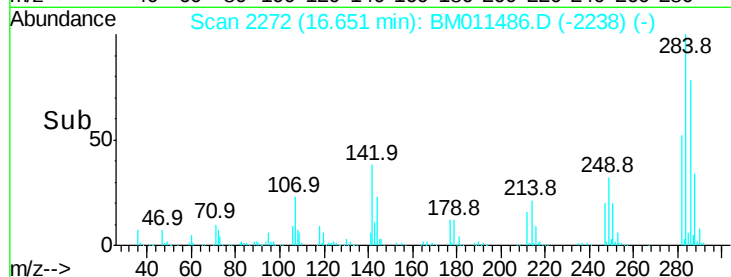
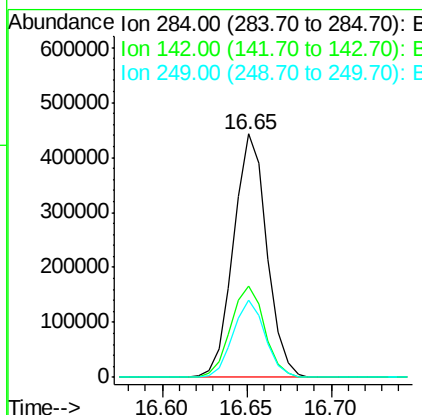
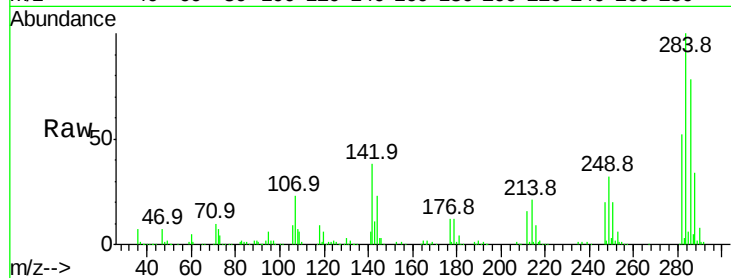




#67  
Hexachlorobenzene  
Concen: 19.915 ng/ul  
RT: 16.65 min Scan# 2272  
Delta R.T. 0.00 min  
Lab File: BM011486.D  
Acq: 09 Sep 2017 14:58

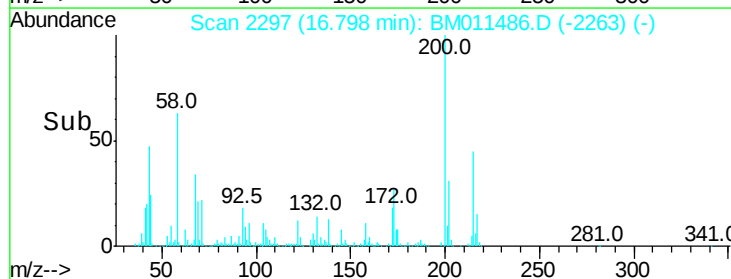
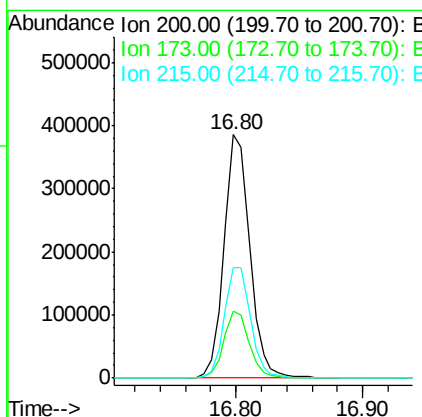
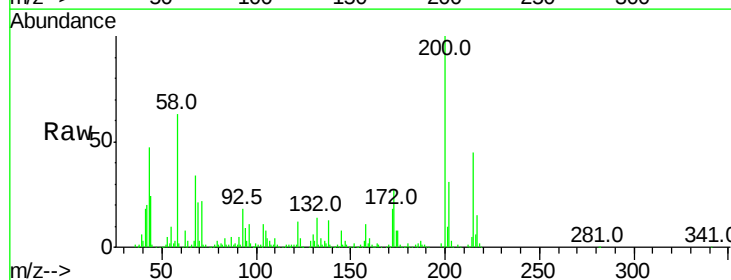
Instrument :  
BNA\_M  
ClientSampleID :

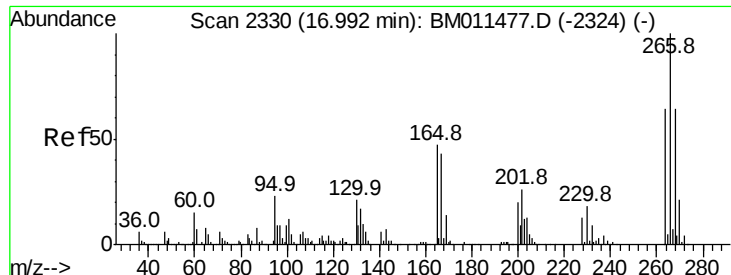
Tot Ion:284 Resp: 607060  
Ion Ratio Lower Upper  
284 100  
142 37.7 21.3 31.9#  
249 31.5 26.3 39.5



#68  
Atrazine  
Concen: 18.995 ng/ul  
RT: 16.80 min Scan# 2297  
Delta R.T. 0.00 min  
Lab File: BM011486.D  
Acq: 09 Sep 2017 14:58

Tgt Ion:200 Resp: 543515  
Ion Ratio Lower Upper  
200 100  
173 27.3 20.6 31.0  
215 45.3 39.8 59.6





#69

Pentachlorophenol

Concen: 17.894 ng/ul

RT: 16.99 min Scan# 2330

Delta R.T. 0.00 min

Lab File: BM011486.D

Acq: 09 Sep 2017 14:58

Instrument :

BNA\_M

ClientSampleId :

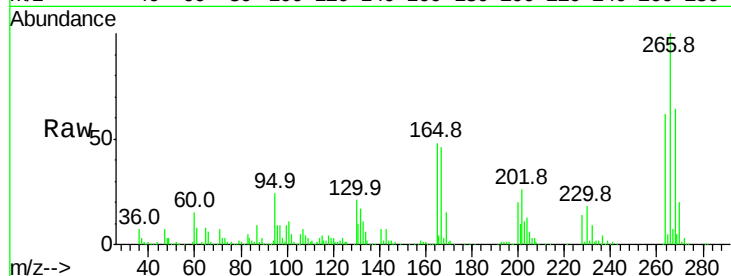
Tot Ion:266 Resp: 350232

Ion Ratio Lower Upper

266 100

264 61.6 48.2 72.4

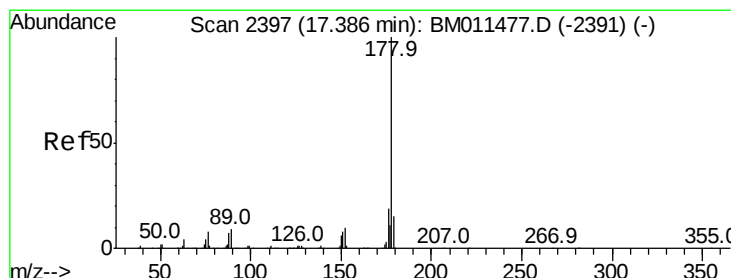
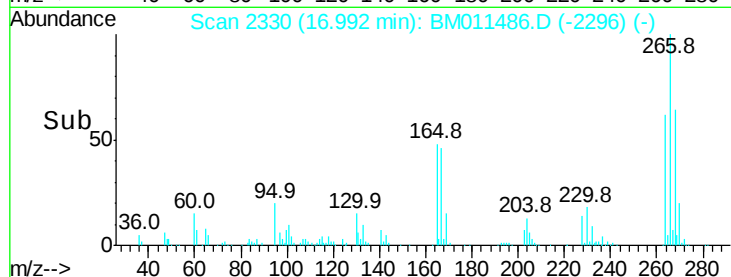
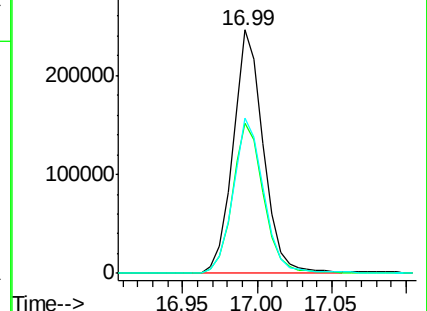
268 63.7 52.3 78.5



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#70

Phenanthrene

Concen: 20.100 ng/ul

RT: 17.39 min Scan# 2398

Delta R.T. 0.01 min

Lab File: BM011486.D

Acq: 09 Sep 2017 14:58

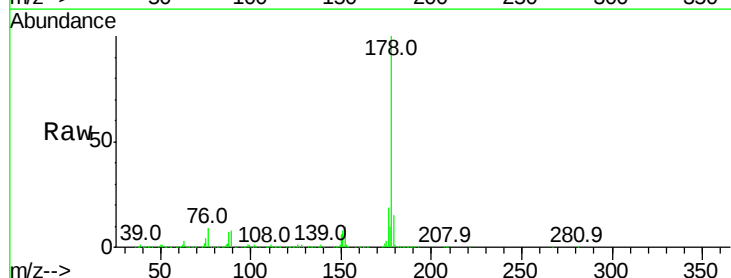
Tgt Ion:178 Resp: 3037511

Ion Ratio Lower Upper

178 100

179 15.0 12.3 18.5

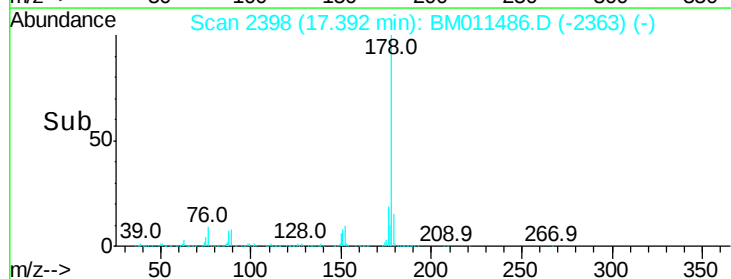
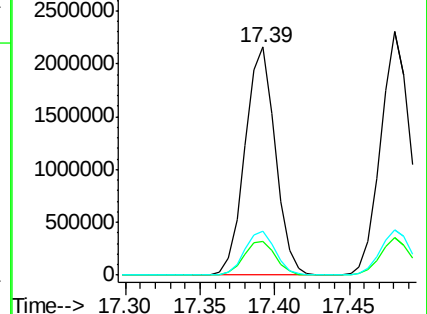
176 19.1 15.4 23.0

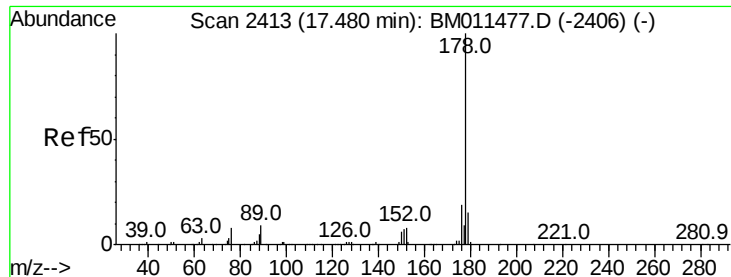


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 20.416 ng/ul

RT: 17.48 min Scan# 2413

Delta R.T. 0.00 min

Lab File: BM011486.D

Acq: 09 Sep 2017 14:58

Instrument :

BNA\_M

ClientSampled :

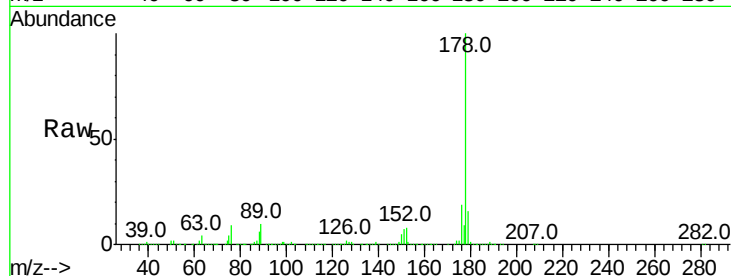
Tot Ion:178 Resp: 3165873

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 15.5  | 13.4  | 20.2  |
| 176 | 18.6  | 15.4  | 23.0  |

178 100

179 15.5 13.4 20.2

176 18.6 15.4 23.0

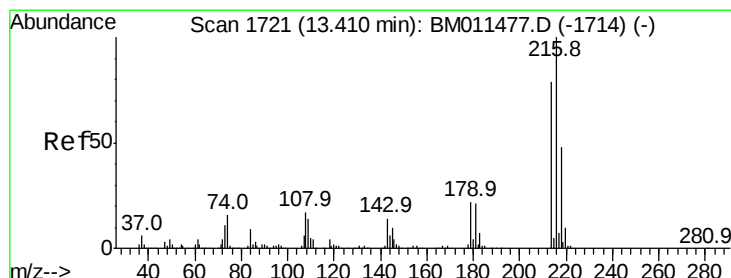
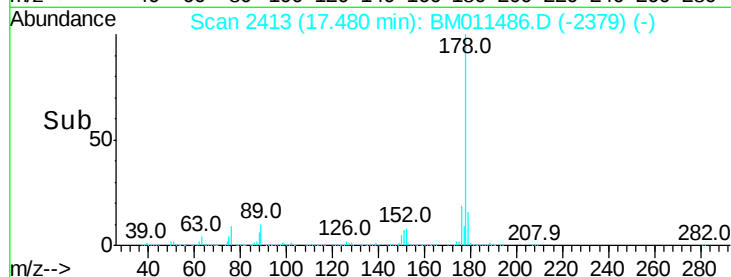
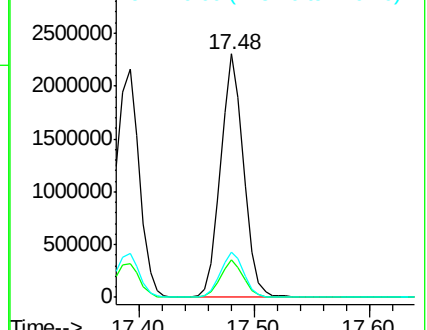


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#73

1,2,3,4-Tetrachlorobenzene

Concen: 19.691 ng/uL

RT: 13.41 min Scan# 1721

Delta R.T. 0.00 min

Lab File: BM011486.D

Acq: 09 Sep 2017 14:58

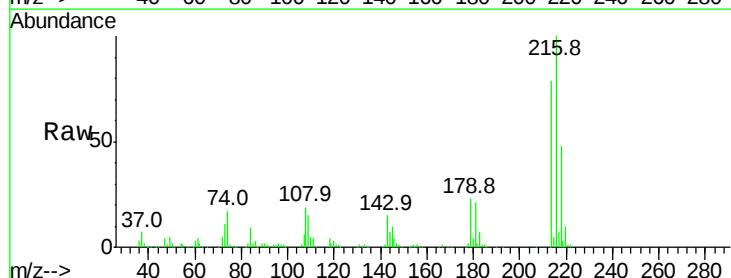
Tgt Ion:216 Resp: 711384

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 216 | 100   |       |       |
| 214 | 78.7  | 64.1  | 96.1  |
| 218 | 47.9  | 39.4  | 59.0  |

216 100

214 78.7 64.1 96.1

218 47.9 39.4 59.0

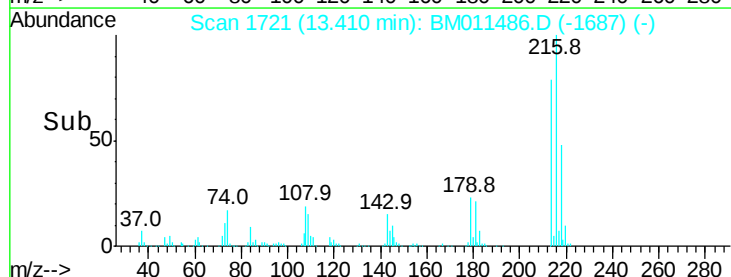
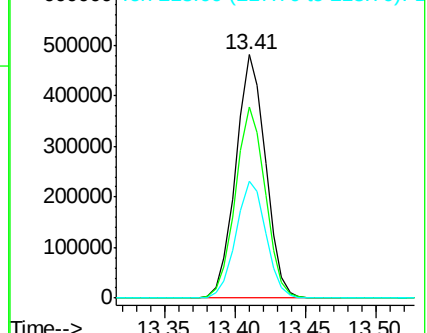


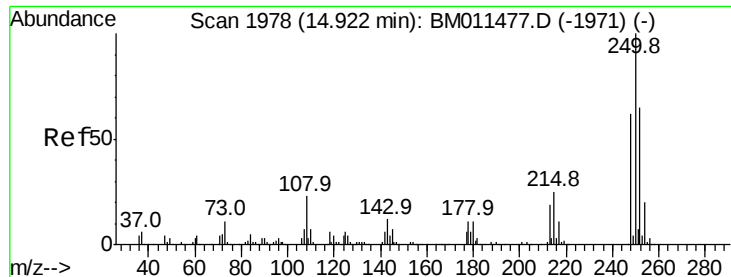
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 19.977 ng/uL

RT: 14.93 min Scan# 1979

Delta R.T. 0.01 min

Lab File: BM011486.D

Acq: 09 Sep 2017 14:58

Instrument :

BNA\_M

ClientSampleId :

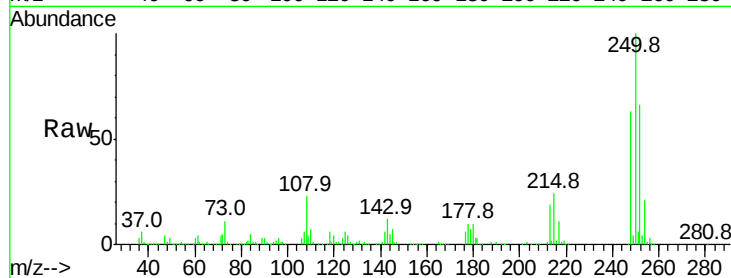
Tot Ion:250 Resp: 731988

Ion Ratio Lower Upper

250 100

248 62.9 51.4 77.2

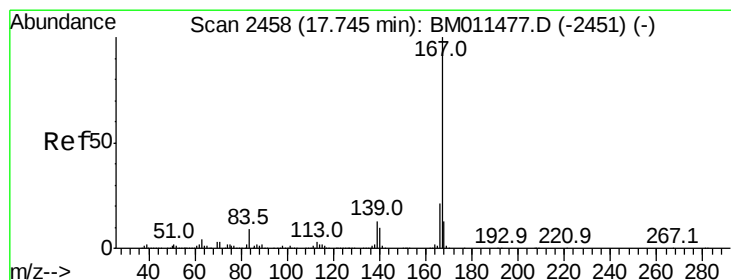
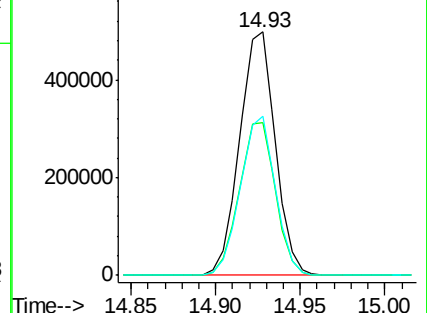
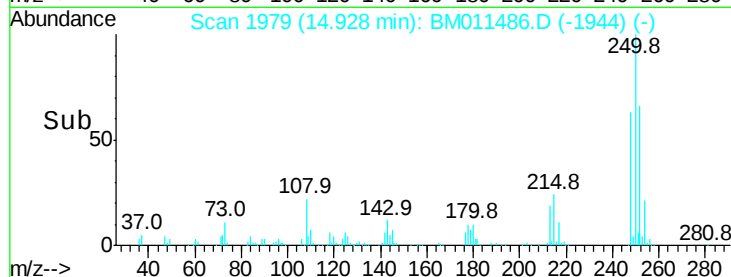
252 65.5 49.8 74.6



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E



#75

Carbazole

Concen: 20.965 ng/uL

RT: 17.75 min Scan# 2458

Delta R.T. 0.00 min

Lab File: BM011486.D

Acq: 09 Sep 2017 14:58

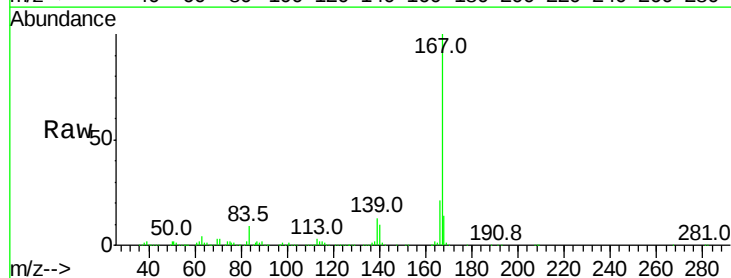
Tgt Ion:167 Resp: 2773595

Ion Ratio Lower Upper

167 100

166 21.2 17.0 25.4

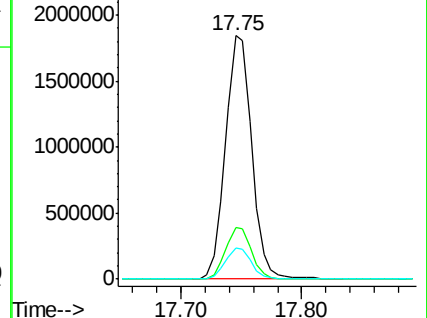
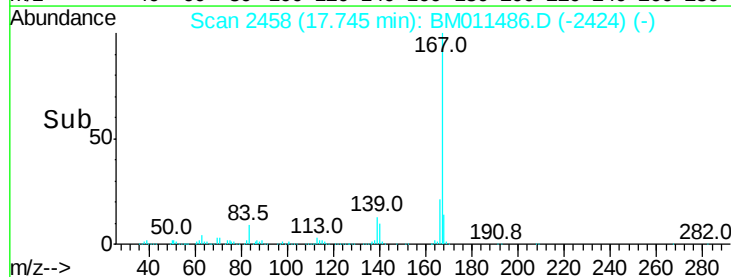
139 13.0 9.1 13.7

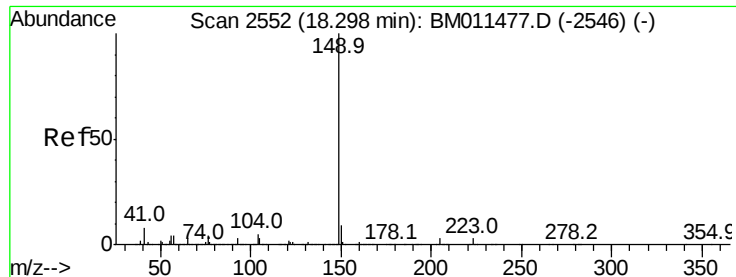


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

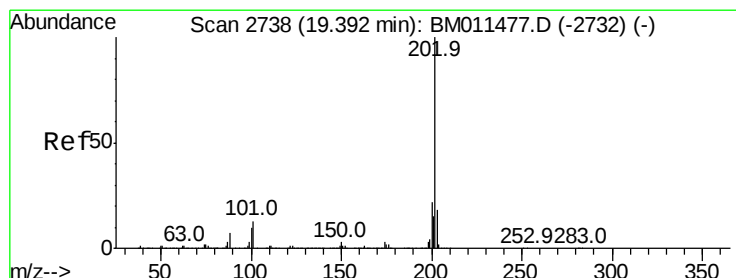
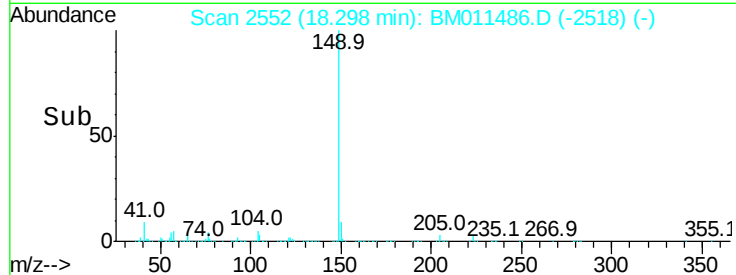
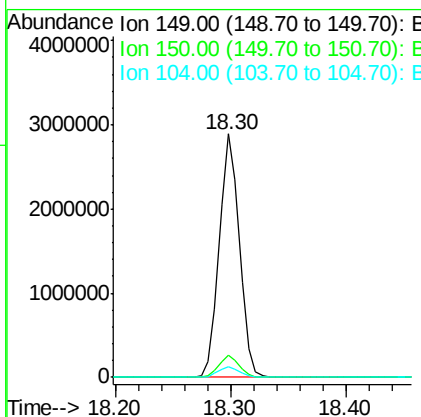
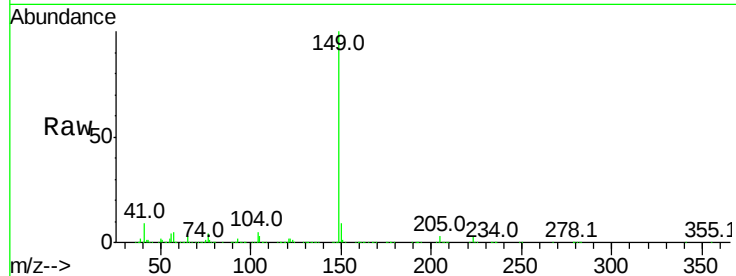




#76  
Di-n-butylphthalate  
Concen: 20.142 ng/ul  
RT: 18.30 min Scan# 2552  
Delta R.T. 0.00 min  
Lab File: BM011486.D  
Acq: 09 Sep 2017 14:58

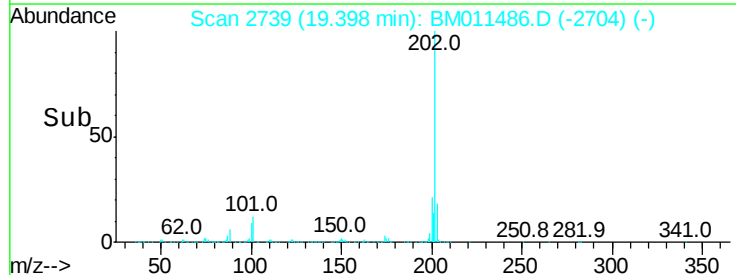
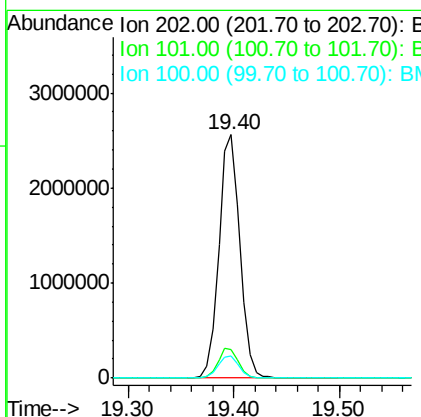
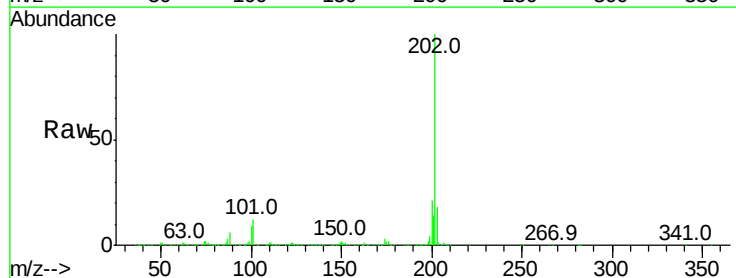
Instrument :  
BNA\_M  
ClientSampleId :

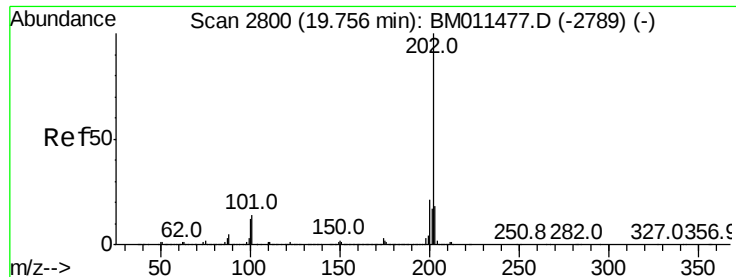
Tot Ion:149 Resp: 3499907  
Ion Ratio Lower Upper  
149 100  
150 9.2 7.5 11.3  
104 4.6 4.1 6.1



#77  
Fluoranthene  
Concen: 22.724 ng/ul  
RT: 19.40 min Scan# 2739  
Delta R.T. 0.01 min  
Lab File: BM011486.D  
Acq: 09 Sep 2017 14:58

Tgt Ion:202 Resp: 3532136  
Ion Ratio Lower Upper  
202 100  
101 11.5 6.1 9.1#  
100 9.0 4.6 7.0#

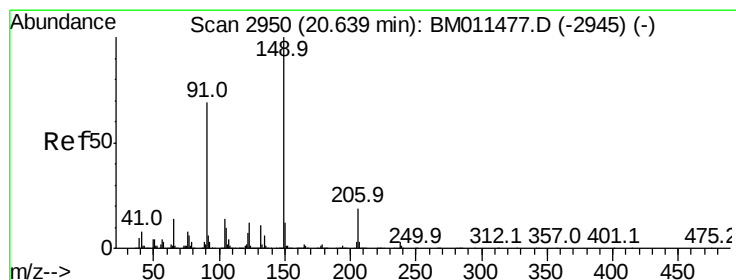
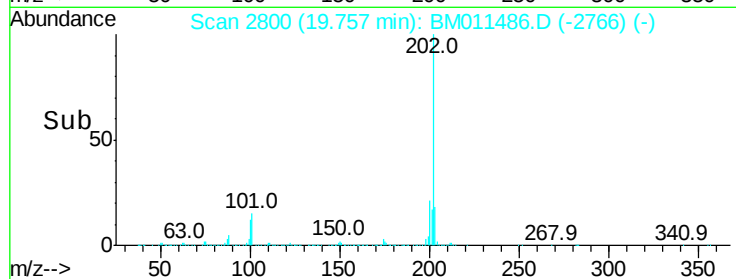
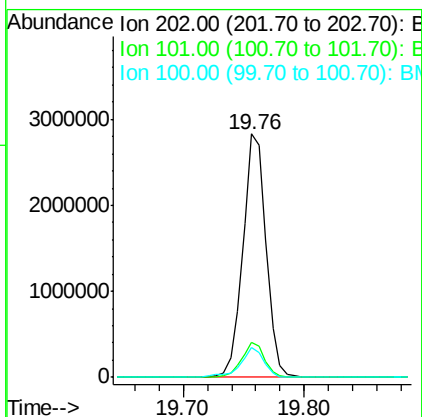
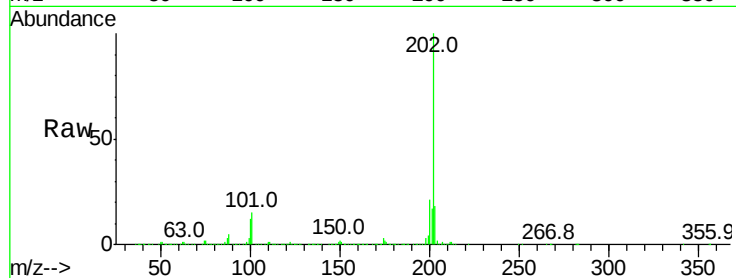




#80  
Pvrene  
Concen: 20.276 ng/ul  
RT: 19.76 min Scan# 2800  
Delta R.T. 0.00 min  
Lab File: BM011486.D  
Acq: 09 Sep 2017 14:58

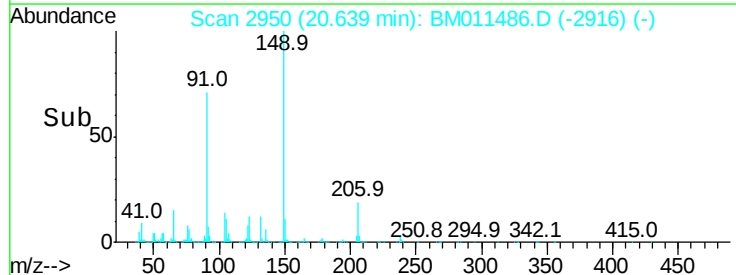
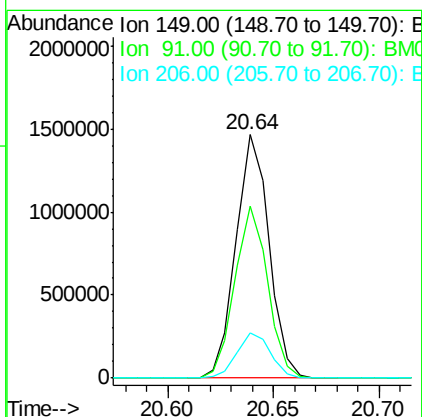
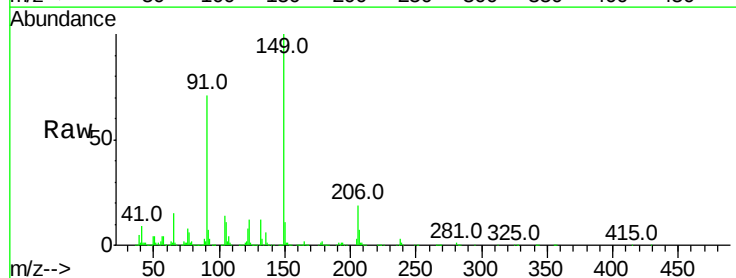
Instrument :  
BNA\_M  
ClientSampleId :

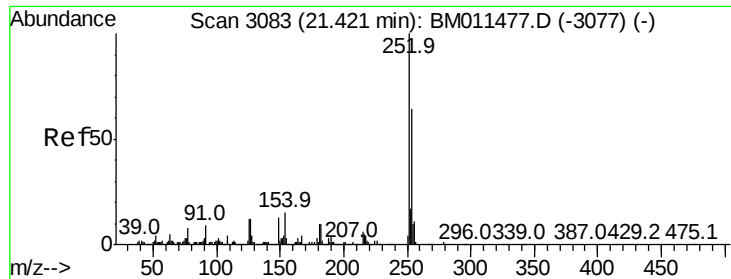
Tot Ion:202 Resp: 3795995  
Ion Ratio Lower Upper  
202 100  
101 14.6 6.9 10.3#  
100 12.0 5.6 8.4#



#81  
Butylbenzylphthalate  
Concen: 18.476 ng/ul  
RT: 20.64 min Scan# 2950  
Delta R.T. 0.00 min  
Lab File: BM011486.D  
Acq: 09 Sep 2017 14:58

Tgt Ion:149 Resp: 1590688  
Ion Ratio Lower Upper  
149 100  
91 70.8 53.4 80.0  
206 18.7 19.3 28.9#

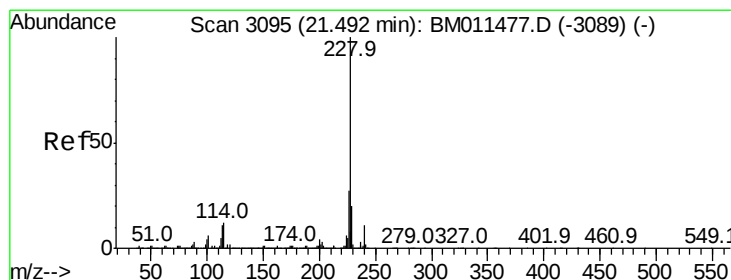
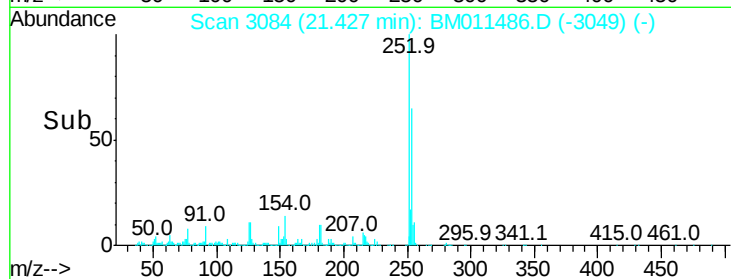
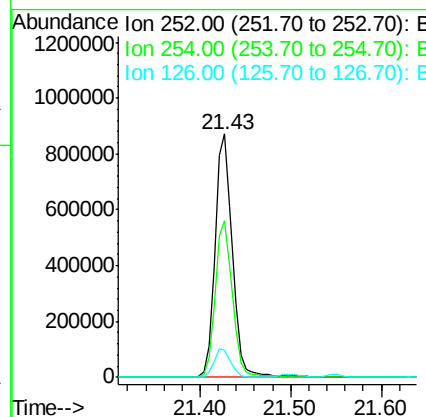
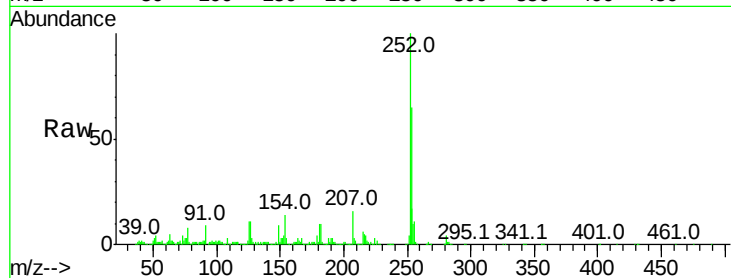




#82  
 3,3'-Dichlorobenzidine  
 Concen: 19.885 ng/ul  
 RT: 21.43 min Scan# 3084  
 Delta R.T. 0.01 min  
 Lab File: BM011486.D  
 Acq: 09 Sep 2017 14:58

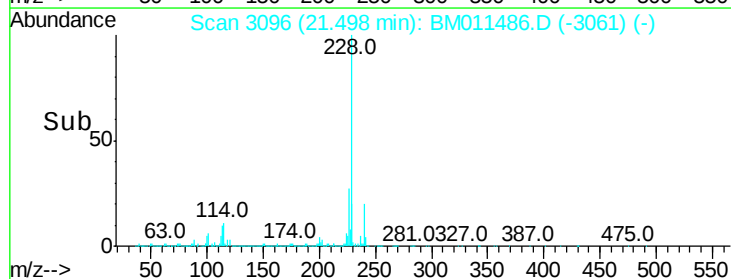
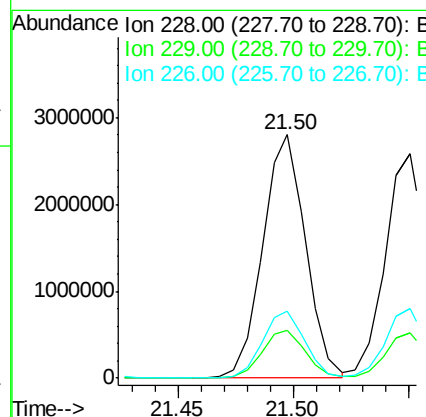
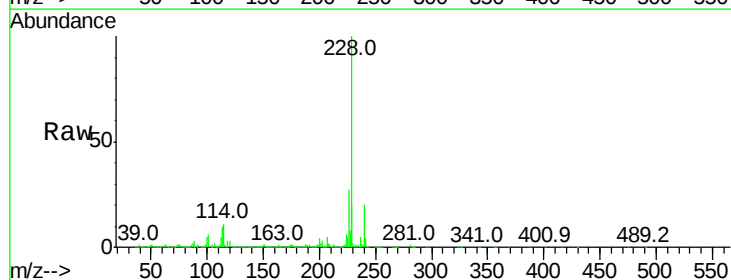
Instrument :  
 BNA\_M  
 ClientSampled :

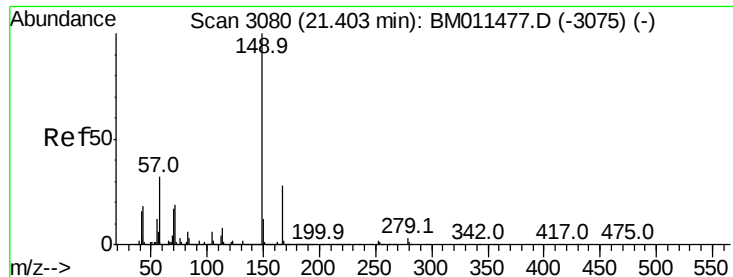
Tot Ion:252 Resp: 1158740  
 Ion Ratio Lower Upper  
 252 100  
 254 64.5 52.8 79.2  
 126 11.4 6.9 10.3#



#83  
 Benzo(a)anthracene  
 Concen: 20.389 ng/ul  
 RT: 21.50 min Scan# 3096  
 Delta R.T. 0.01 min  
 Lab File: BM011486.D  
 Acq: 09 Sep 2017 14:58

Tgt Ion:228 Resp: 3602226  
 Ion Ratio Lower Upper  
 228 100  
 229 19.7 16.0 24.0  
 226 27.4 21.8 32.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 18.470 ng/ul

RT: 21.41 min Scan# 3081

Delta R.T. 0.01 min

Lab File: BM011486.D

Acq: 09 Sep 2017 14:58

Instrument :

BNA\_M

ClientSampleId :

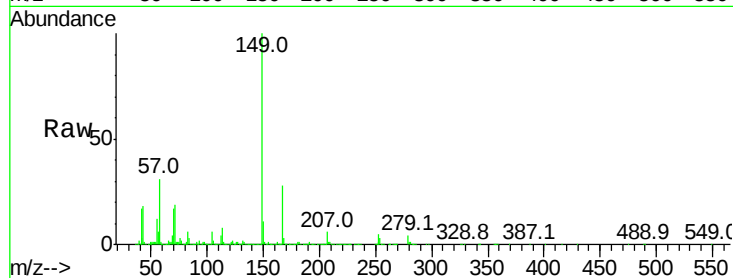
Tot Ion:149 Resp: 2442143

Ion Ratio Lower Upper

149 100

167 27.7 23.0 34.6

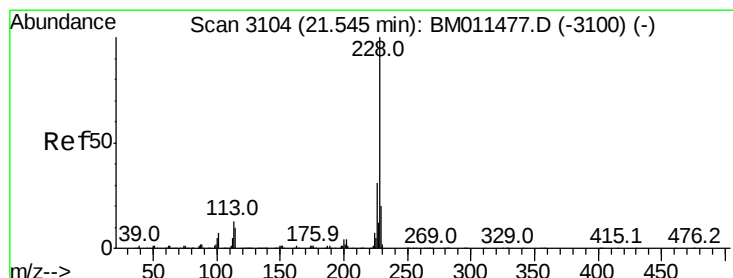
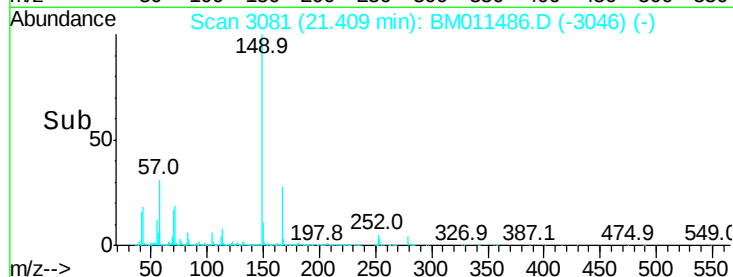
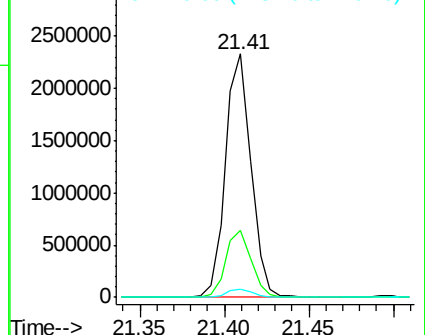
279 3.6 4.3 6.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 20.487 ng/ul

RT: 21.55 min Scan# 3105

Delta R.T. 0.01 min

Lab File: BM011486.D

Acq: 09 Sep 2017 14:58

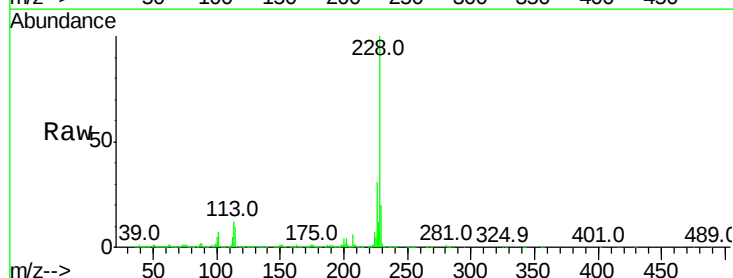
Tgt Ion:228 Resp: 3281422

Ion Ratio Lower Upper

228 100

226 30.8 24.1 36.1

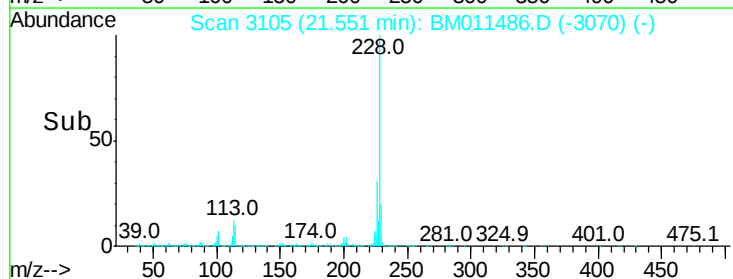
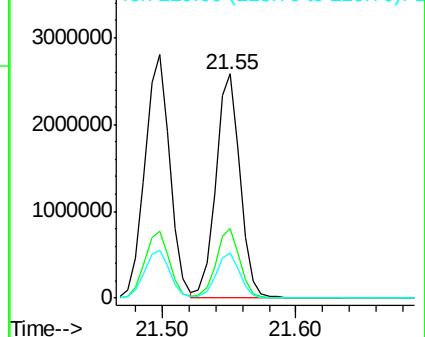
229 20.0 16.0 24.0

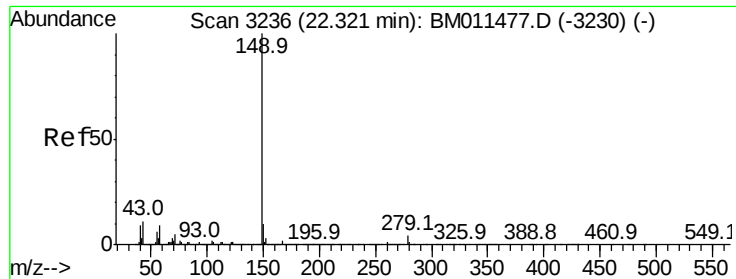


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Di-n-octyl phthalate

Concen: 19.976 ng/ul

RT: 22.32 min Scan# 3236

Delta R.T. 0.00 min

Lab File: BM011486.D

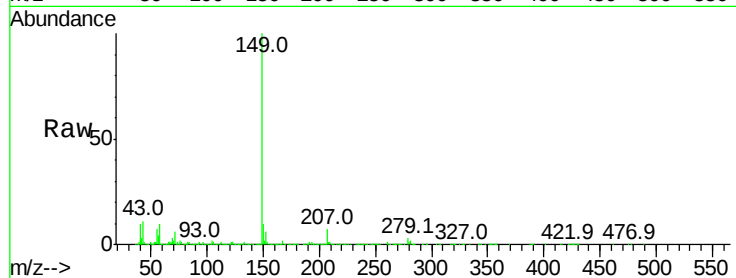
Acq: 09 Sep 2017 14:58

Instrument :

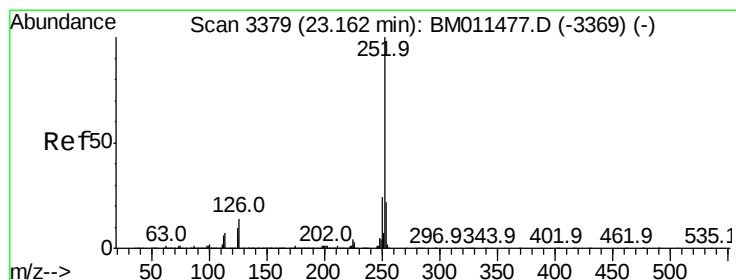
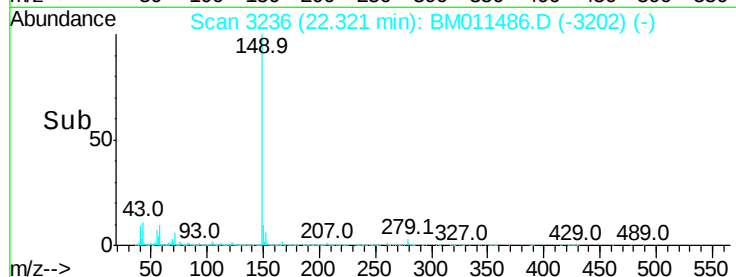
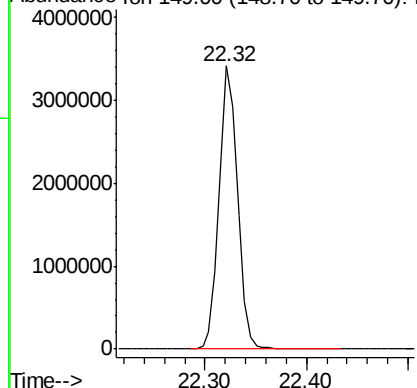
BNA\_M

ClientSampleId :

Tgt Ion:149 Resp: 4334460



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 19.303 ng/ul

RT: 23.16 min Scan# 3379

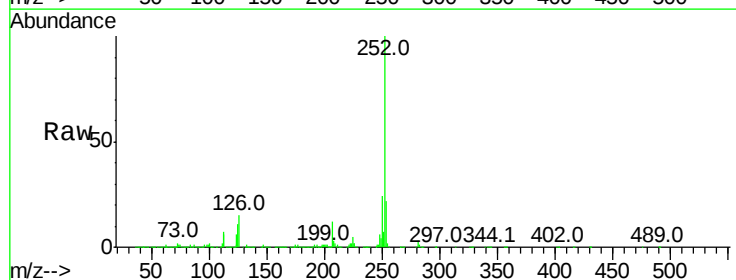
Delta R.T. 0.00 min

Lab File: BM011486.D

Acq: 09 Sep 2017 14:58

Tgt Ion:252 Resp: 3550399

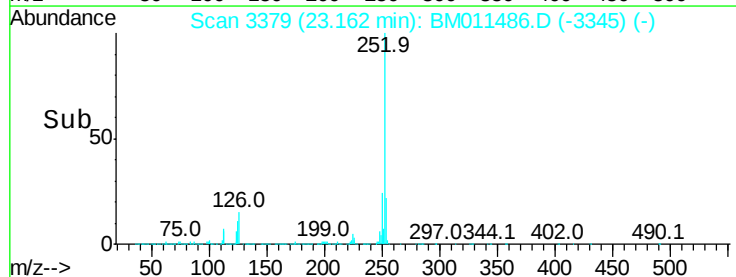
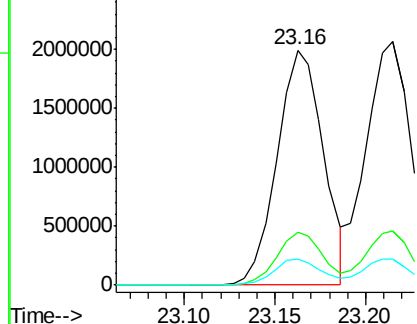
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.2  | 17.4  | 26.0  |
| 125 | 11.1  | 4.9   | 7.3   |

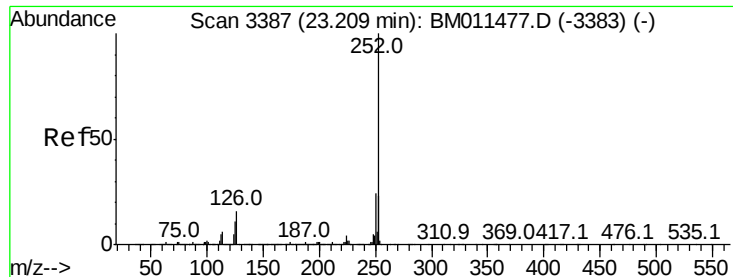


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 20.442 ng/ul

RT: 23.22 min Scan# 3388

Delta R.T. 0.01 min

Lab File: BM011486.D

Acq: 09 Sep 2017 14:58

Instrument :

BNA\_M

ClientSampleId :

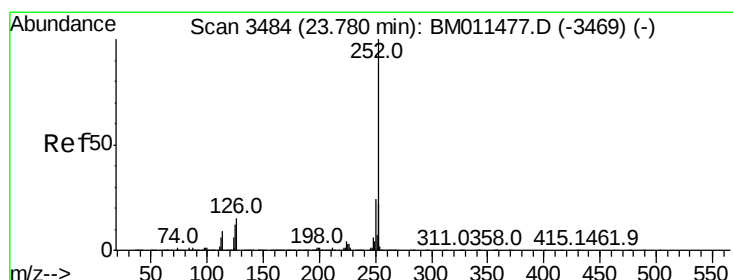
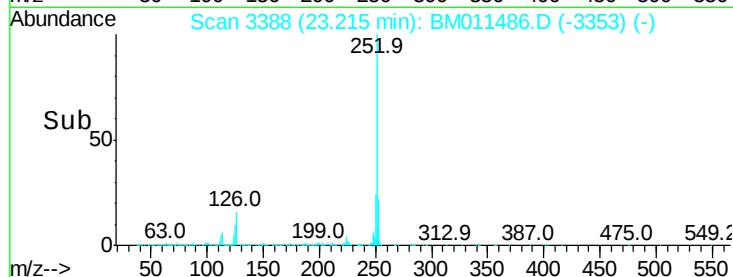
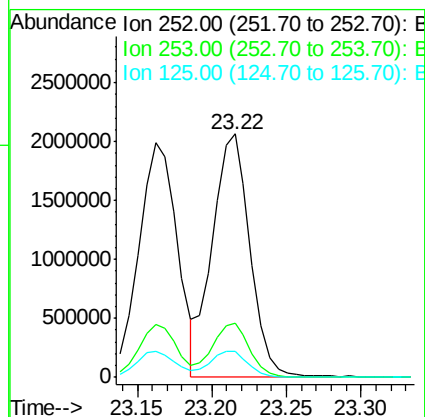
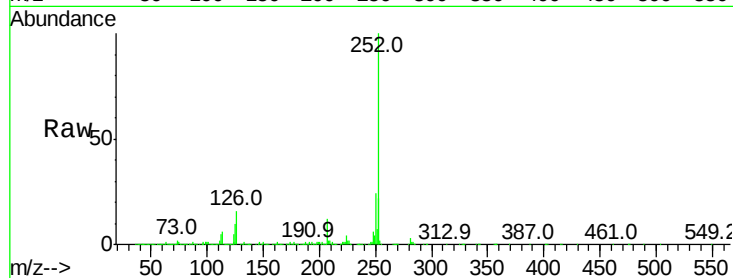
Tot Ion:252 Resp: 3610933

Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

125 10.4 5.4 8.0#



#91

Benzo(a)pyrene

Concen: 20.218 ng/ul

RT: 23.79 min Scan# 3485

Delta R.T. 0.01 min

Lab File: BM011486.D

Acq: 09 Sep 2017 14:58

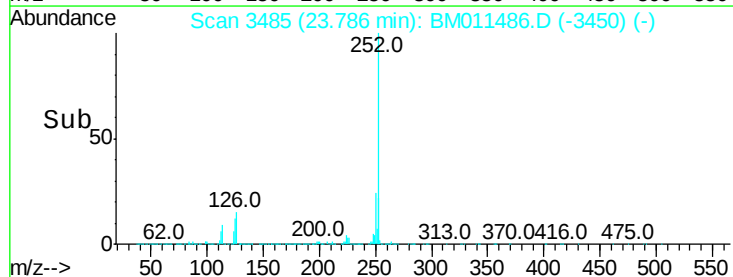
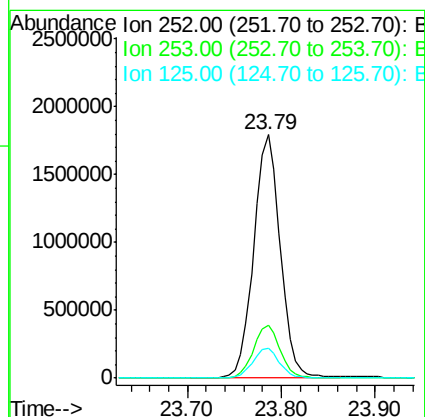
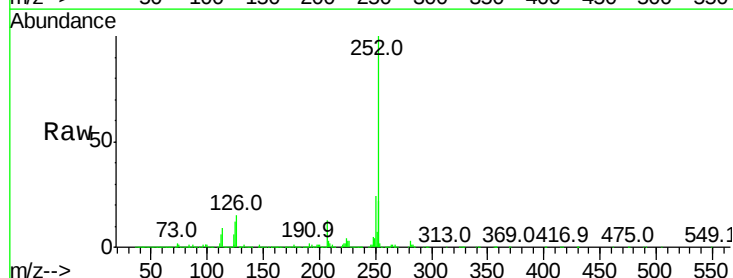
Tgt Ion:252 Resp: 3510043

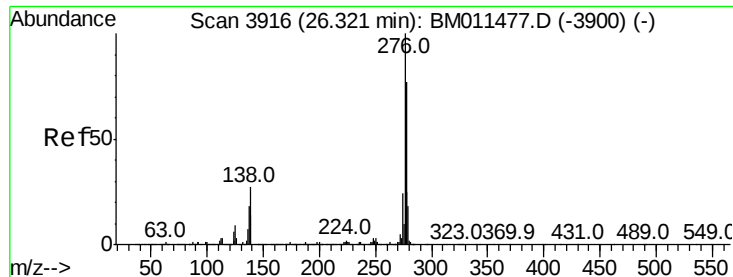
Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 12.2 5.8 8.6#



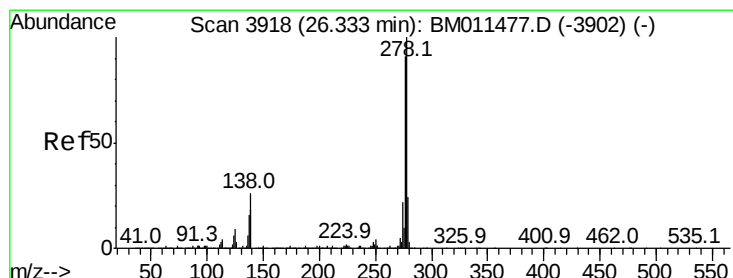
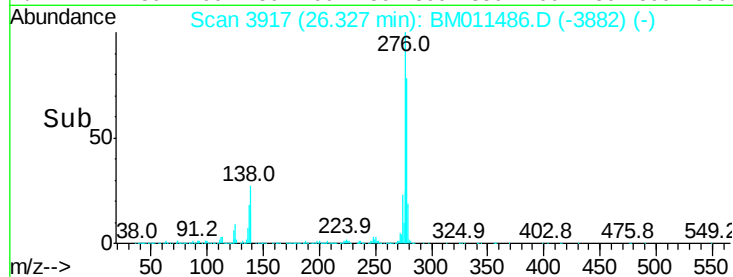
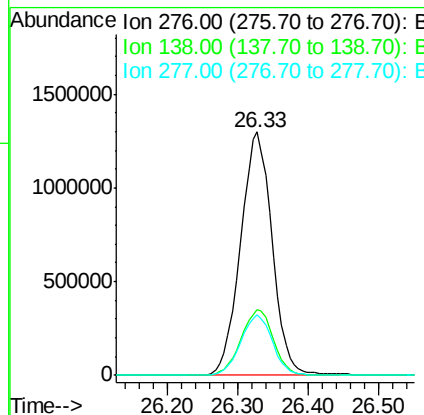
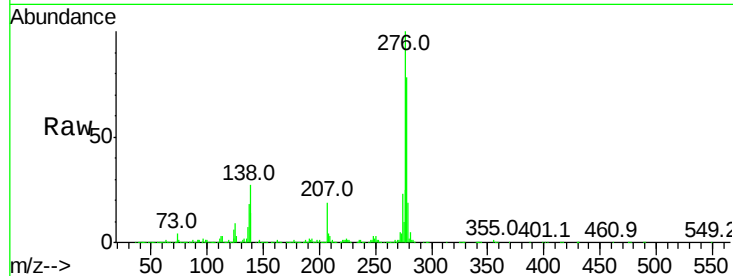


#92

Indeno(1,2,3-cd)pyrene  
Concen: 21.234 ng/ul  
RT: 26.33 min Scan# 3917  
Delta R.T. 0.01 min  
Lab File: BM011486.D  
Acq: 09 Sep 2017 14:58

Instrument :  
BNA\_M  
ClientSampleId :

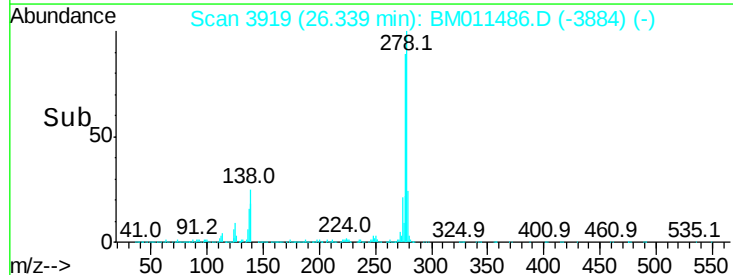
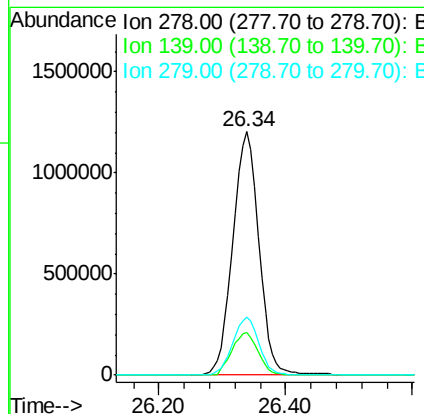
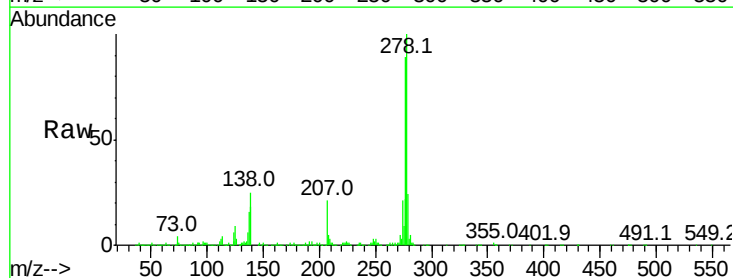
Tot Ion:276 Resp: 4055128  
Ion Ratio Lower Upper  
276 100  
138 26.8 10.9 16.3#  
277 24.6 18.9 28.3

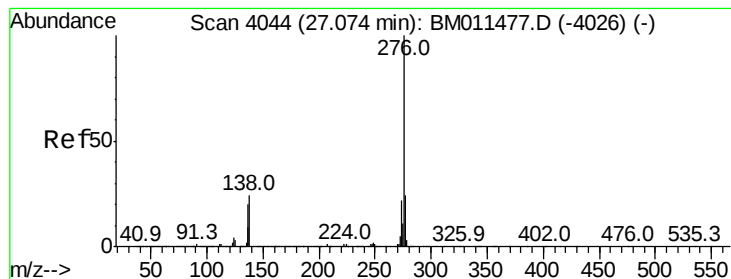


#93

Dibenzo(a,h)anthracene  
Concen: 21.122 ng/ul  
RT: 26.34 min Scan# 3919  
Delta R.T. 0.01 min  
Lab File: BM011486.D  
Acq: 09 Sep 2017 14:58

Tgt Ion:278 Resp: 3420394  
Ion Ratio Lower Upper  
278 100  
139 17.7 9.0 13.4#  
279 23.8 19.1 28.7





#94

Benzo(a,h,i)perylene

Concen: 21.392 ng/ul

RT: 27.08 min Scan# 4045

Delta R.T. 0.01 min

Lab File: BM011486.D

Acq: 09 Sep 2017 14:58

Instrument :

BNA\_M

ClientSampleId :

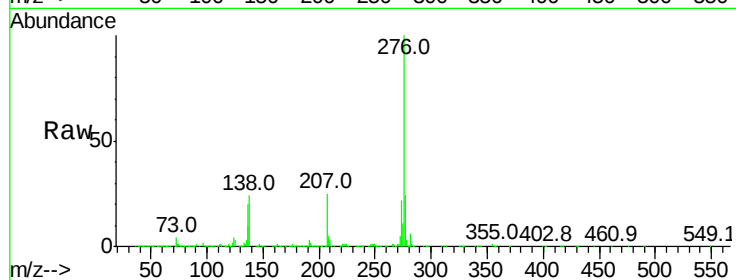
Tot Ion:276 Resp: 3308356

Ion Ratio Lower Upper

276 100

138 23.6 11.2 16.8#

277 23.7 19.0 28.6



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

