

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112017\  
 Data File : BM013076.D  
 Acq On : 21 Nov 2017 10:38  
 Operator : SJ/JU  
 Sample : SSTDC0020EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Nov 21 14:02:11 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Nov 21 07:39:32 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.71  | 152  | 237286   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.50 | 136  | 1032725  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.36 | 164  | 652913   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.10 | 188  | 1537573  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.29 | 240  | 1381393  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.51 | 264  | 1057742  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.25  | 96  | 25204   | 4.92  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.89  | 99  | 333899  | 16.25 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.05  | 67  | 189854  | 16.28 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.25  | 132 | 263915  | 16.07 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.42  | 113 | 289434  | 17.19 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.86  | 128 | 139664  | 18.98 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.58  | 143 | 151021  | 21.57 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.12 | 165 | 305585  | 17.19 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.63 | 131 | 335043  | 18.03 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.77 | 166 | 982257  | 17.15 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.04 | 160 | 1201093 | 16.46 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.57 | 143 | 151134  | 17.40 | ng/ul | 0.01 |
| 57) Fluorene-d10               | 15.35 | 176 | 816980  | 16.79 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.47 | 200 | 109985  | 16.50 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.20 | 188 | 1276942 | 16.22 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.49 | 212 | 1334986 | 18.92 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.37 | 264 | 889320  | 16.58 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |        | Ovalue |    |
|--------------------------------|-------|-----|--------|--------|--------|----|
| 2) 1,4-Dioxane                 | 3.28  | 88  | 31899  | 5.668  | ng/uL# | 62 |
| 4) Benzaldehyde                | 6.86  | 77  | 172217 | 15.547 | ng/ul  | 91 |
| 6) Phenol                      | 6.92  | 94  | 327115 | 16.125 | ng/ul# | 84 |
| 8) Bis(2-Chloroethyl)ether     | 7.15  | 93  | 249626 | 16.343 | ng/ul  | 98 |
| 10) 2-Chlorophenol             | 7.28  | 128 | 262850 | 16.166 | ng/ul  | 94 |
| 11) 2-Methylphenol             | 8.16  | 108 | 254746 | 16.544 | ng/ul  | 99 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.25  | 45  | 274691 | 15.852 | ng/ul# | 80 |
| 14) Acetophenone               | 8.53  | 105 | 440183 | 17.059 | ng/ul  | 88 |
| 15) N-Nitroso-di-n-propylamine | 8.52  | 70  | 221293 | 16.722 | ng/ul# | 66 |
| 16) 4-Methylphenol             | 8.49  | 108 | 278670 | 17.042 | ng/ul  | 94 |
| 17) Hexachloroethane           | 8.78  | 117 | 114456 | 16.622 | ng/ul# | 76 |
| 20) Nitrobenzene               | 8.91  | 77  | 334442 | 18.186 | ng/ul  | 96 |
| 21) Isophorone                 | 9.43  | 82  | 621849 | 16.502 | ng/ul# | 96 |
| 23) 2-Nitrophenol              | 9.62  | 139 | 157781 | 20.709 | ng/ul# | 76 |
| 24) 2,4-Dimethylphenol         | 9.68  | 107 | 328126 | 16.371 | ng/ul# | 89 |
| 25) Bis(2-Chloroethoxy)methane | 9.92  | 93  | 365276 | 16.893 | ng/ul  | 97 |
| 27) 2,4-Dichlorophenol         | 10.15 | 162 | 282333 | 17.096 | ng/ul# | 90 |
| 28) Naphthalene                | 10.55 | 128 | 880315 | 16.543 | ng/ul  | 98 |
| 30) 4-Chloroaniline            | 10.66 | 127 | 323547 | 18.161 | ng/ul  | 96 |
| 31) Hexachlorobutadiene        | 10.83 | 225 | 203106 | 17.080 | ng/ul  | 93 |
| 32) Caprolactam                | 11.43 | 113 | 93093  | 17.952 | ng/ul# | 37 |
| 33) 4-Chloro-3-methylphenol    | 11.79 | 107 | 312983 | 17.793 | ng/ul  | 92 |
| 34) 2-Methylnaphthalene        | 12.16 | 142 | 670853 | 17.231 | ng/ul  | 98 |

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 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

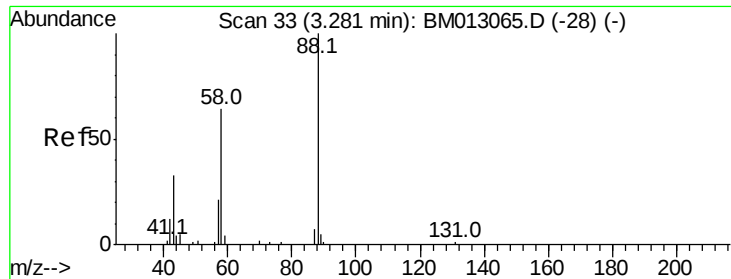
Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Nov 21 14:02:11 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Nov 21 07:39:32 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.53 | 216  | 384957   | 16.209 | ng/ul  | 95       |
| 37) Hexachlorocyclopentadiene  | 12.51 | 237  | 234433   | 13.348 | ng/ul  | 99       |
| 38) 2,4,6-Trichlorophenol      | 12.78 | 196  | 254653   | 17.792 | ng/ul  | 95       |
| 39) 2,4,5-Trichlorophenol      | 12.85 | 196  | 267893   | 17.901 | ng/ul  | 97       |
| 40) 1,1'-Biphenyl              | 13.19 | 154  | 903875   | 16.431 | ng/ul  | 98       |
| 41) 2-Chloronaphthalene        | 13.22 | 162  | 713534   | 16.365 | ng/ul  | 99       |
| 42) 2-Nitroaniline             | 13.43 | 65   | 212265   | 22.924 | ng/ul  | 88       |
| 44) Dimethylphthalate          | 13.82 | 163  | 927468   | 16.935 | ng/ul  | 100      |
| 45) 2,6-Dinitrotoluene         | 13.93 | 165  | 189654   | 22.696 | ng/ul# | 96       |
| 47) Acenaphthylene             | 14.07 | 152  | 1086179  | 16.158 | ng/ul  | 99       |
| 48) 3-Nitroaniline             | 14.26 | 138  | 173138   | 22.122 | ng/ul  | 89       |
| 49) Acenaphthene               | 14.42 | 153  | 750468   | 16.612 | ng/ul  | 98       |
| 50) 2,4-Dinitrophenol          | 14.47 | 184  | 56428    | 14.106 | ng/ul  | 95       |
| 52) 4-Nitrophenol              | 14.58 | 109  | 142982   | 18.164 | ng/ul  | 85       |
| 53) Dibenzofuran               | 14.75 | 168  | 1094028  | 16.906 | ng/ul  | 99       |
| 54) 2,4-Dinitrotoluene         | 14.72 | 165  | 273282   | 23.380 | ng/ul  | 86       |
| 55) 2,3,4,6-Tetrachlorophenol  | 14.98 | 232  | 242303   | 19.335 | ng/ul# | 88       |
| 56) Diethylphthalate           | 15.19 | 149  | 944089   | 17.051 | ng/ul  | 95       |
| 58) Fluorene                   | 15.40 | 166  | 890812   | 16.715 | ng/ul  | 100      |
| 59) 4-Chlorophenyl-phenylether | 15.40 | 204  | 483474   | 17.172 | ng/ul  | 97       |
| 60) 4-Nitroaniline             | 15.43 | 138  | 188569   | 18.321 | ng/ul  | 96       |
| 63) 4,6-Dinitro-2-methylphenol | 15.48 | 198  | 115816   | 15.995 | ng/ul  | 94       |
| 64) N-Nitrosodiphenylamine     | 15.62 | 169  | 772902   | 16.011 | ng/ul  | 95       |
| 65) 4-Bromophenyl-phenylether  | 16.30 | 248  | 309454   | 16.617 | ng/ul  | 95       |
| 66) Hexachlorobenzene          | 16.40 | 284  | 333270   | 16.582 | ng/ul# | 93       |
| 67) Atrazine                   | 16.57 | 200  | 309677   | 16.748 | ng/ul  | 94       |
| 68) Pentachlorophenol          | 16.75 | 266  | 155645   | 15.015 | ng/ul  | 99       |
| 69) Phenanthrene               | 17.14 | 178  | 1433865  | 16.580 | ng/ul  | 99       |
| 71) Anthracene                 | 17.23 | 178  | 1457975  | 16.248 | ng/ul  | 98       |
| 72) Carbazole                  | 17.50 | 167  | 1227601  | 15.820 | ng/ul  | 98       |
| 73) Di-n-butylphthalate        | 18.07 | 149  | 1563782  | 15.820 | ng/ul  | 98       |
| 74) Fluoranthene               | 19.16 | 202  | 1647670  | 15.762 | ng/ul# | 95       |
| 77) Pyrene                     | 19.52 | 202  | 1635864  | 19.018 | ng/ul# | 92       |
| 78) Butylbenzylphthalate       | 20.43 | 149  | 658798   | 18.433 | ng/ul  | 93       |
| 79) 3,3'-Dichlorobenzidine     | 21.21 | 252  | 400394   | 14.102 | ng/ul  | 98       |
| 80) Benzo(a)anthracene         | 21.27 | 228  | 1434598  | 16.227 | ng/ul  | 99       |
| 81) Bis(2-ethylhexyl)phthalate | 21.22 | 149  | 933083   | 17.714 | ng/ul  | 98       |
| 82) Chrysene                   | 21.32 | 228  | 1302476  | 15.887 | ng/ul  | 100      |
| 84) Di-n-octyl phthalate       | 22.09 | 149  | 1409223  | 20.218 | ng/ul  | 100      |
| 85) Benzo(b)fluoranthene       | 22.84 | 252  | 1188917  | 17.393 | ng/ul# | 98       |
| 86) Benzo(k)fluoranthene       | 22.89 | 252  | 1116445  | 17.740 | ng/ul# | 98       |
| 88) Benzo(a)pyrene             | 23.41 | 252  | 1057289  | 16.609 | ng/ul# | 96       |
| 89) Indeno(1,2,3-cd)pyrene     | 25.76 | 276  | 1125294  | 15.133 | ng/ul# | 94       |
| 90) Dibenzo(a,h)anthracene     | 25.77 | 278  | 937126   | 14.877 | ng/ul# | 93       |
| 91) Benzo(g,h,i)perylene       | 26.44 | 276  | 915314   | 14.815 | ng/ul# | 96       |

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





#2

1,4-Dioxane

Concen: 5.668 ng/uL

RT: 3.28 min Scan# 33

Delta R.T. -0.00 min

Lab File: BM013076.D

Acq: 21 Nov 2017 10:38

Instrument :

BNA\_M

ClientSampleId :

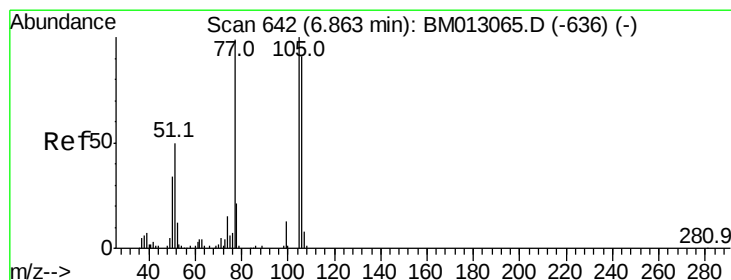
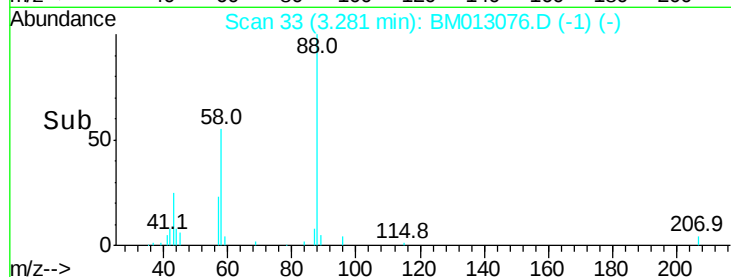
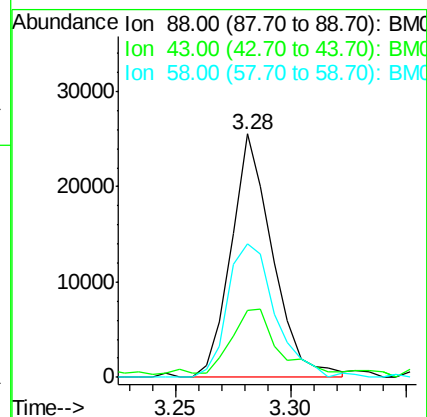
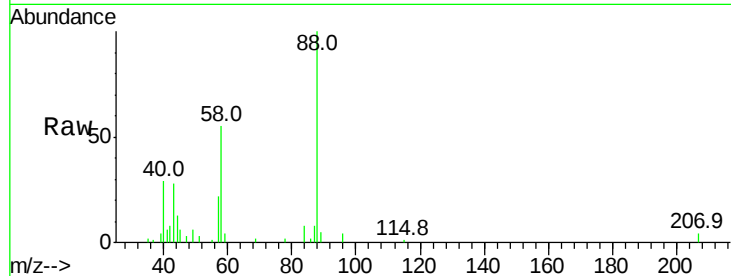
Tot Ion: 88 Resp: 31899

Ion Ratio Lower Upper

88 100

43 30.9 48.0 72.0#

58 62.3 80.0 120.0#



#4

Benzaldehyde

Concen: 15.547 ng/uL

RT: 6.86 min Scan# 642

Delta R.T. -0.00 min

Lab File: BM013076.D

Acq: 21 Nov 2017 10:38

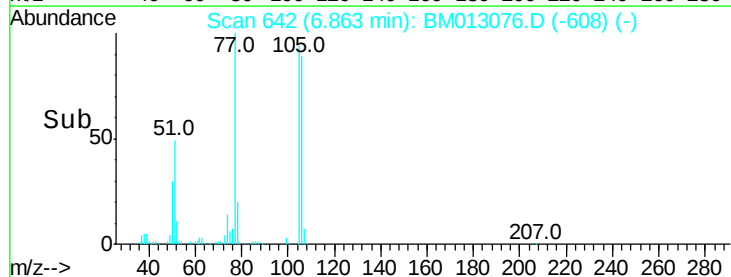
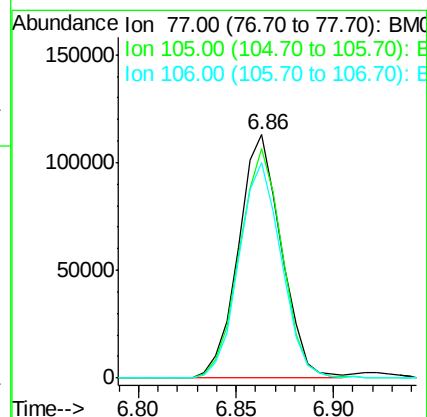
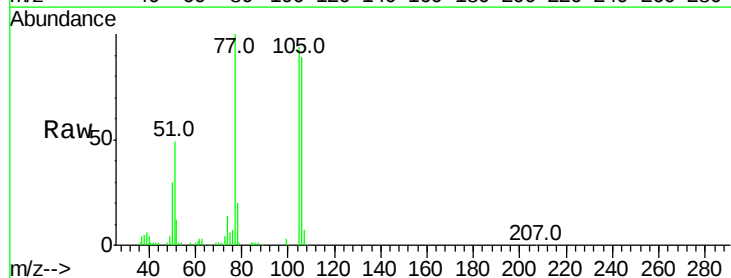
Tgt Ion: 77 Resp: 172217

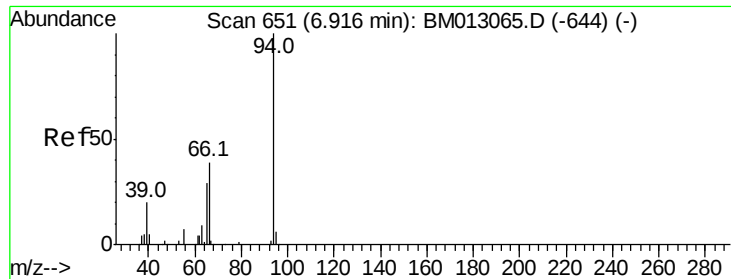
Ion Ratio Lower Upper

77 100

105 94.1 66.1 99.1

106 88.7 67.8 101.6





#6

Phenol

Concen: 16.125 ng/ul

RT: 6.92 min Scan# 651

Delta R.T. -0.00 min

Lab File: BM013076.D

Acq: 21 Nov 2017 10:38

Instrument :

BNA\_M

ClientSampled :

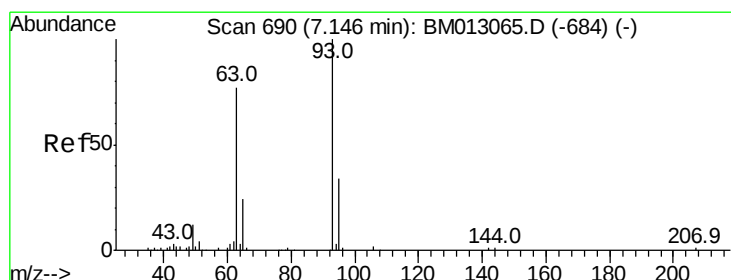
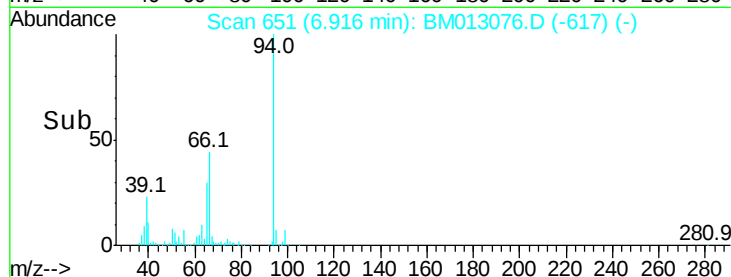
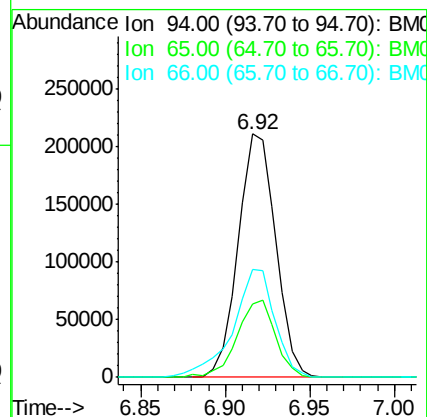
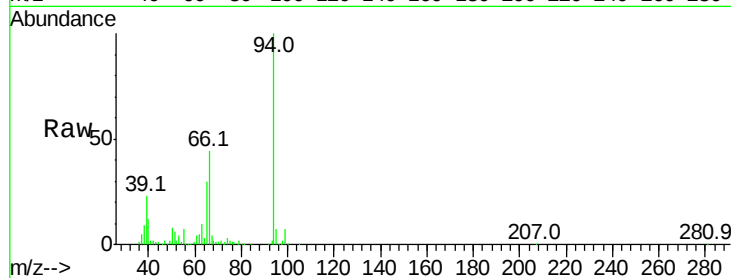
Tot Ion: 94 Resp: 327115

Ion Ratio Lower Upper

94 100

65 30.0 28.2 42.4

66 44.5 47.2 70.8#



#8

Bis(2-Chloroethyl)ether

Concen: 16.343 ng/ul

RT: 7.15 min Scan# 690

Delta R.T. -0.00 min

Lab File: BM013076.D

Acq: 21 Nov 2017 10:38

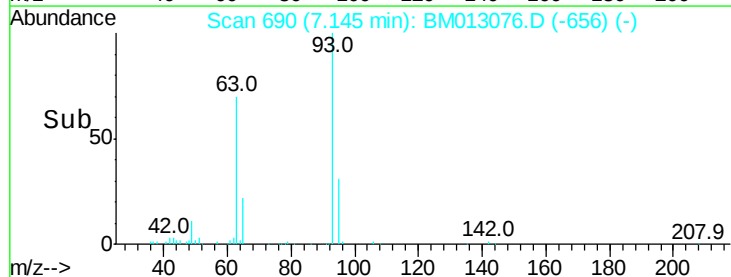
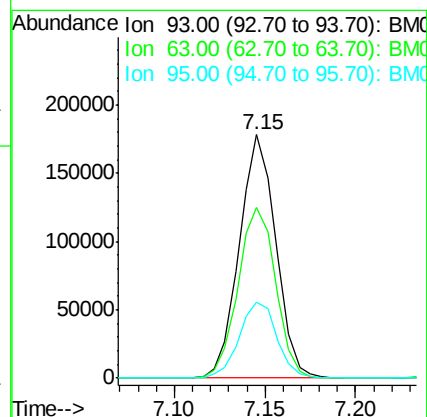
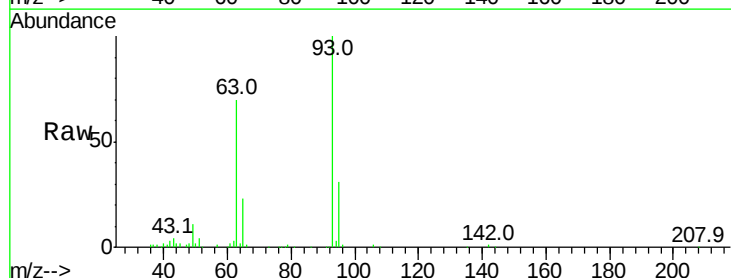
Tgt Ion: 93 Resp: 249626

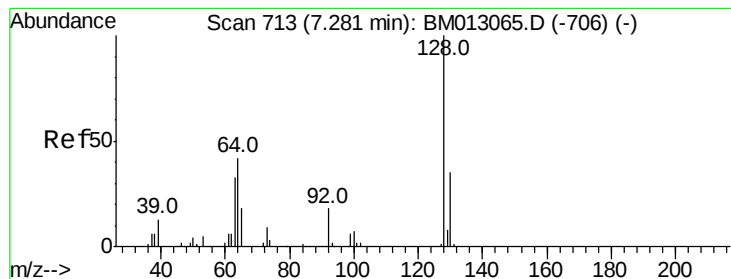
Ion Ratio Lower Upper

93 100

63 70.0 57.3 85.9

95 31.1 26.6 39.8





#10

2-Chlorophenol

Concen: 16.166 ng/ul

RT: 7.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BM013076.D

Acq: 21 Nov 2017 10:38

Instrument :

BNA\_M

ClientSampleId :

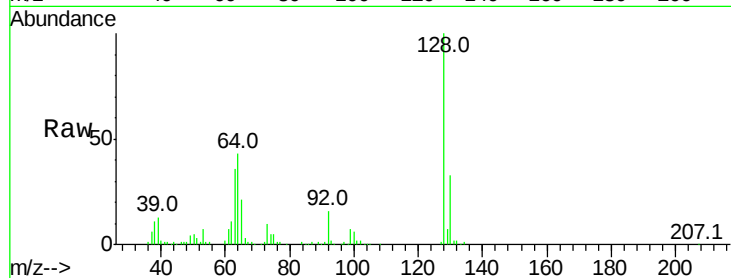
Tot Ion:128 Resp: 262850

Ion Ratio Lower Upper

128 100

64 43.3 38.0 57.0

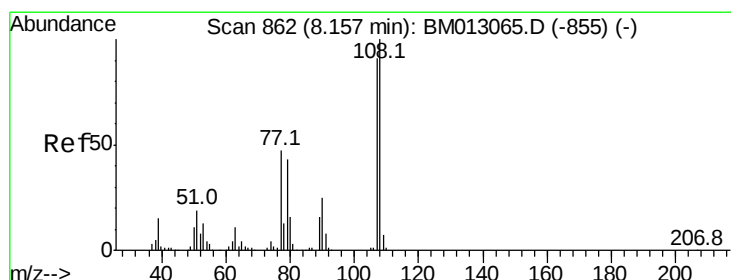
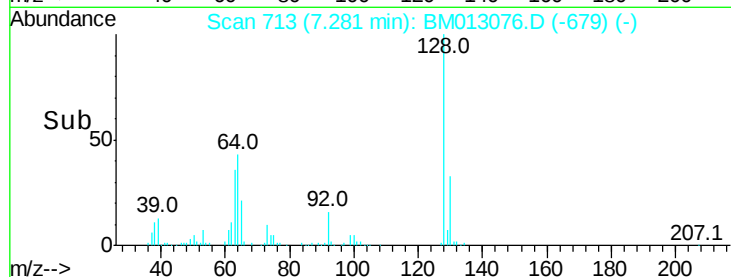
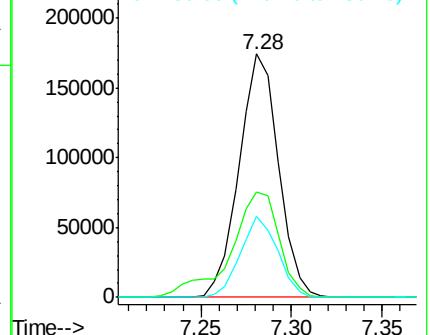
130 33.5 24.4 36.6



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: 16.544 ng/ul

RT: 8.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: BM013076.D

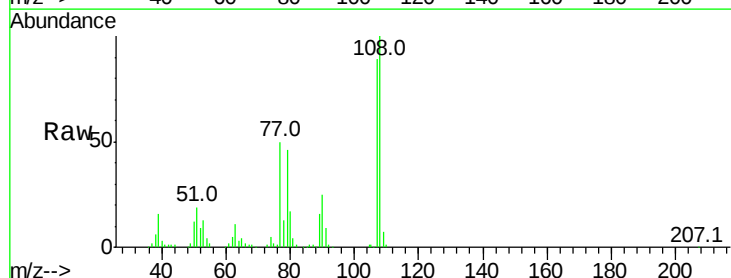
Acq: 21 Nov 2017 10:38

Tgt Ion:108 Resp: 254746

Ion Ratio Lower Upper

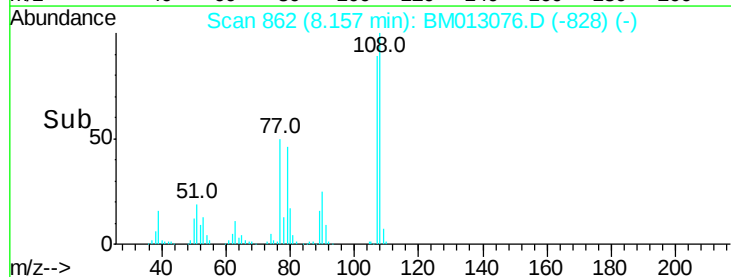
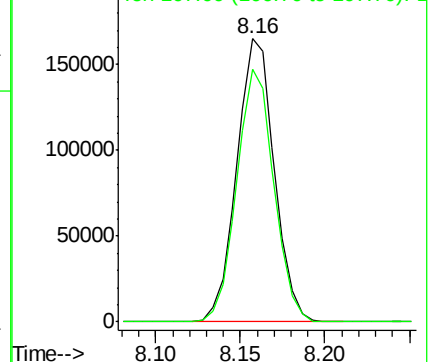
108 100

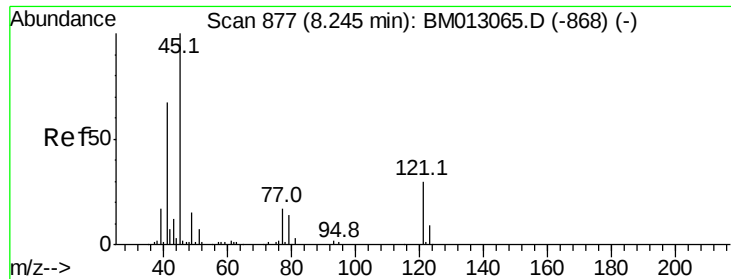
107 89.4 72.6 108.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

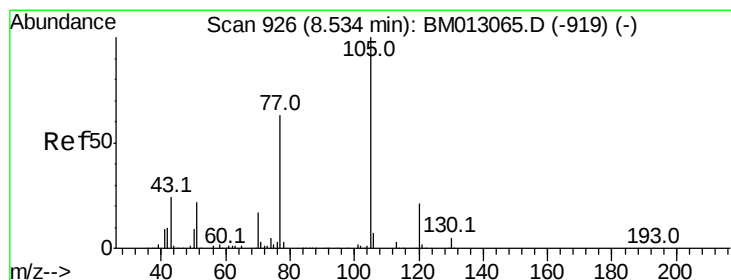
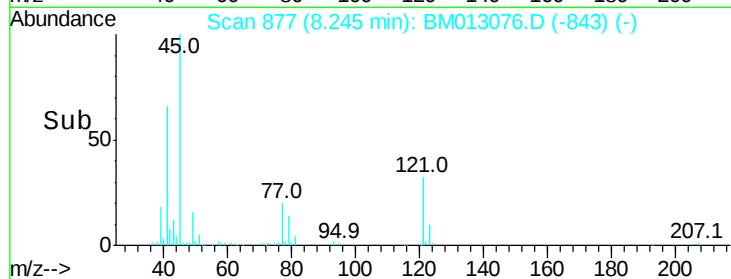
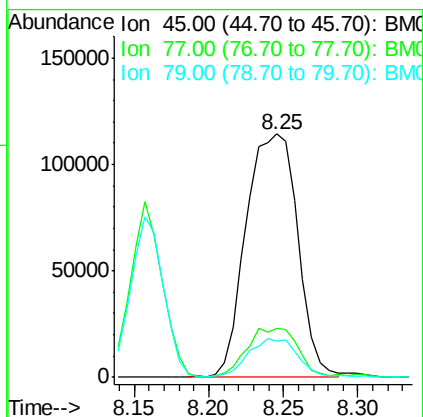
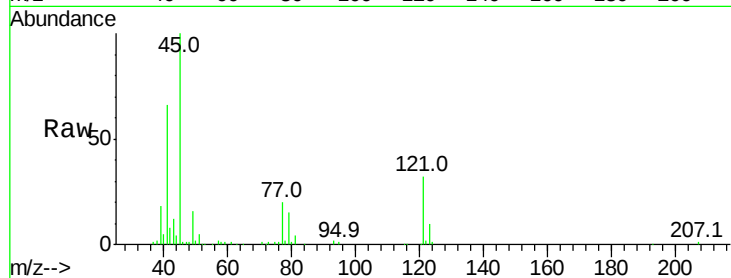




#12  
 2,2'-oxvbis(1-Chloropropane)  
 Concen: 15.852 ng/ul  
 RT: 8.25 min Scan# 877  
 Delta R.T. -0.00 min  
 Lab File: BM013076.D  
 Acq: 21 Nov 2017 10:38

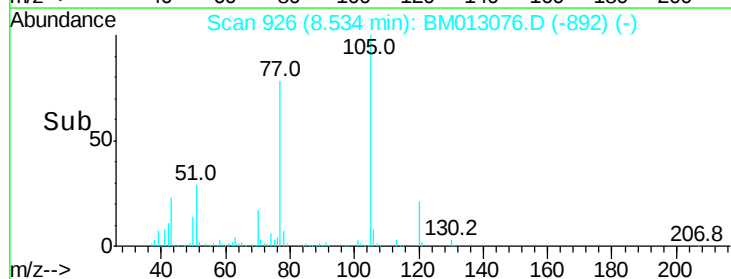
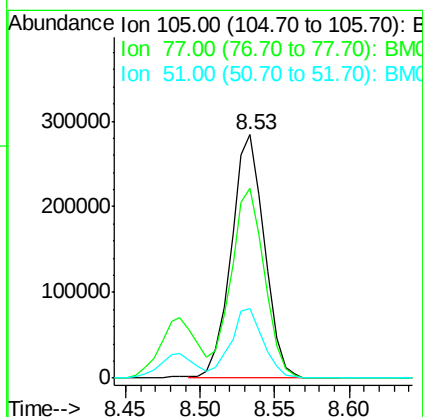
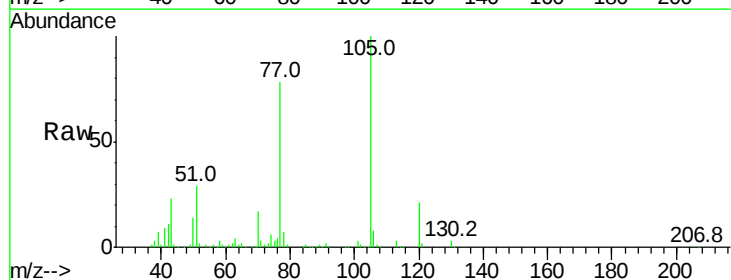
Instrument :  
 BNA\_M  
 ClientSampleId :

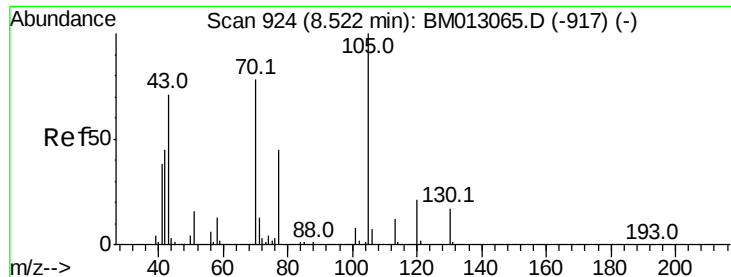
Tot Ion: 45 Resp: 274691  
 Ion Ratio Lower Upper  
 45 100  
 77 20.1 8.0 12.0#  
 79 14.7 8.0 12.0#



#14  
 Acetophenone  
 Concen: 17.059 ng/ul  
 RT: 8.53 min Scan# 926  
 Delta R.T. -0.00 min  
 Lab File: BM013076.D  
 Acq: 21 Nov 2017 10:38

Tgt Ion: 105 Resp: 440183  
 Ion Ratio Lower Upper  
 105 100  
 77 78.1 74.2 111.4  
 51 28.7 23.4 35.2





#15

N-Nitroso-di-n-propylamine

Concen: 16.722 ng/ul

RT: 8.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BM013076.D

Acq: 21 Nov 2017 10:38

Instrument :

BNA\_M

ClientSampleId :

Tot Ion: 70 Resp: 221293

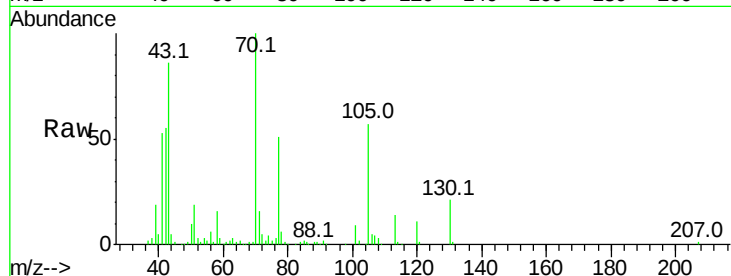
Ion Ratio Lower Upper

70 100

42 54.5 76.0 114.0#

101 9.1 6.7 10.1

130 20.9 14.6 22.0

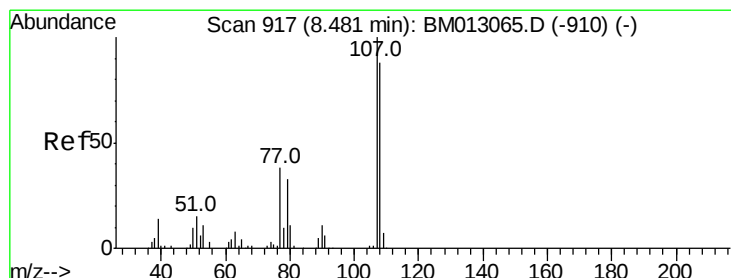
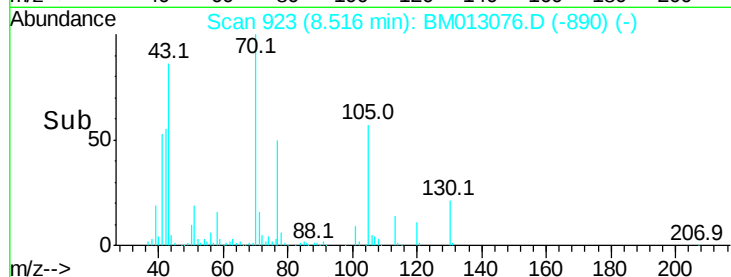
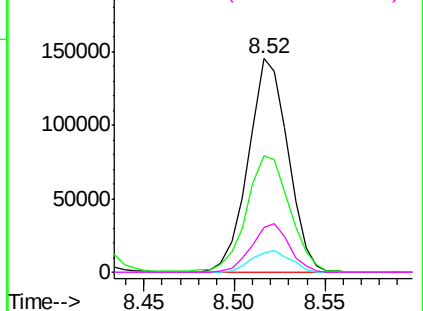


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 17.042 ng/ul

RT: 8.49 min Scan# 918

Delta R.T. 0.01 min

Lab File: BM013076.D

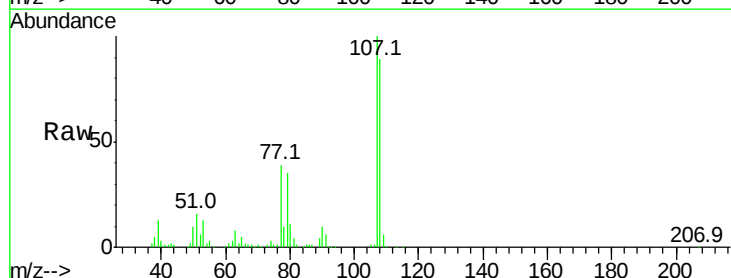
Acq: 21 Nov 2017 10:38

Tgt Ion: 108 Resp: 278670

Ion Ratio Lower Upper

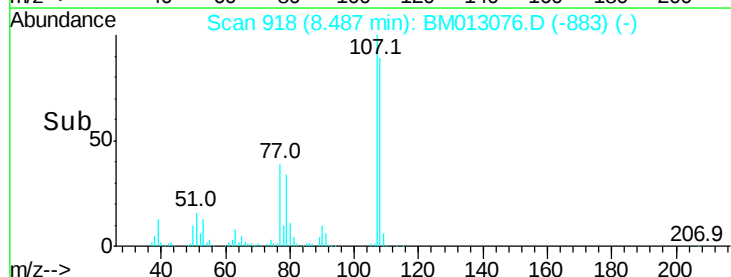
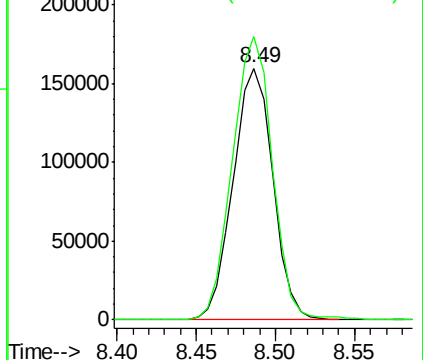
108 100

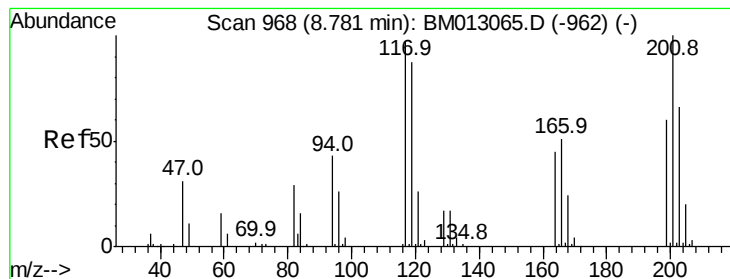
107 112.5 84.9 127.3



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 16.622 ng/ul

RT: 8.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BM013076.D

Acq: 21 Nov 2017 10:38

Instrument :

BNA\_M

ClientSampled :

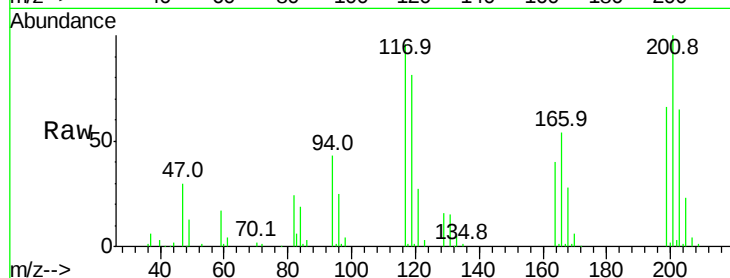
Tot Ion:117 Resp: 114456

Ion Ratio Lower Upper

117 100

201 104.3 111.6 167.4#

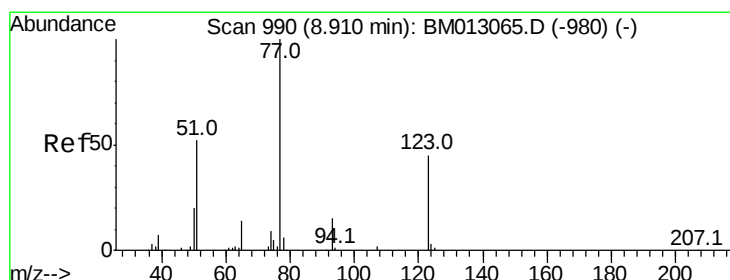
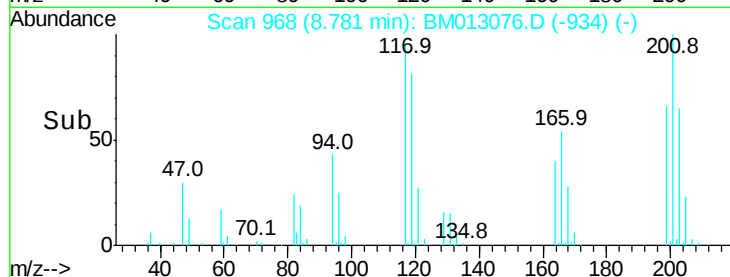
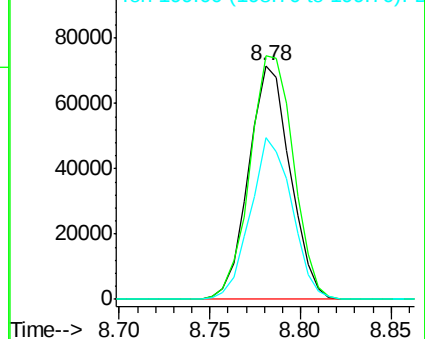
199 69.3 67.8 101.6



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: 18.186 ng/ul

RT: 8.91 min Scan# 990

Delta R.T. -0.00 min

Lab File: BM013076.D

Acq: 21 Nov 2017 10:38

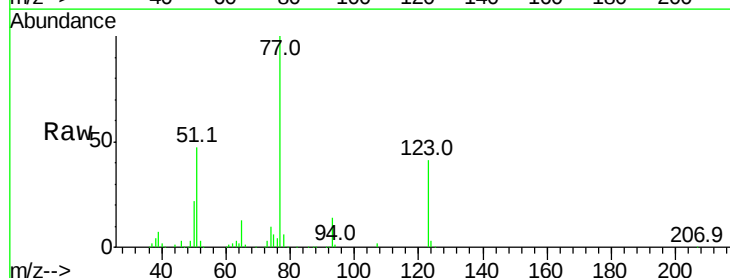
Tgt Ion: 77 Resp: 334442

Ion Ratio Lower Upper

77 100

123 41.2 31.0 46.6

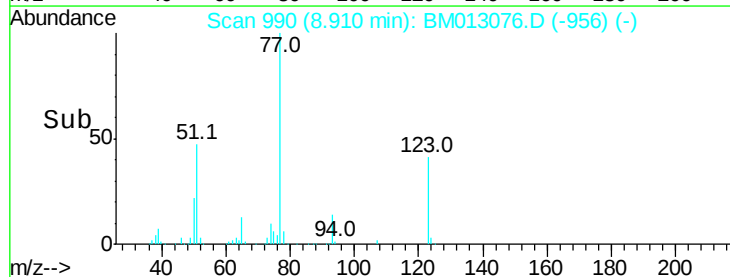
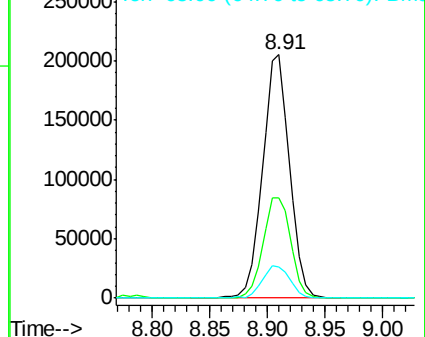
65 12.7 12.2 18.2

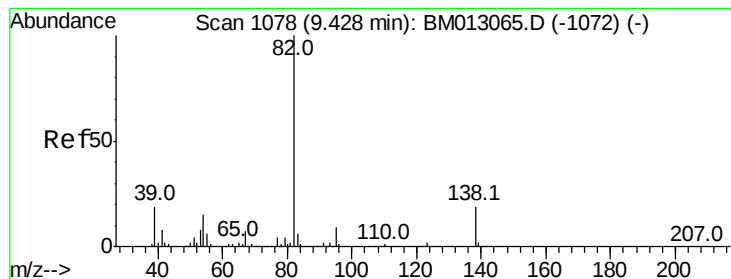


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 16.502 ng/ul

RT: 9.43 min Scan# 1078

Delta R.T. -0.00 min

Lab File: BM013076.D

Acq: 21 Nov 2017 10:38

Instrument :

BNA\_M

ClientSampleId :

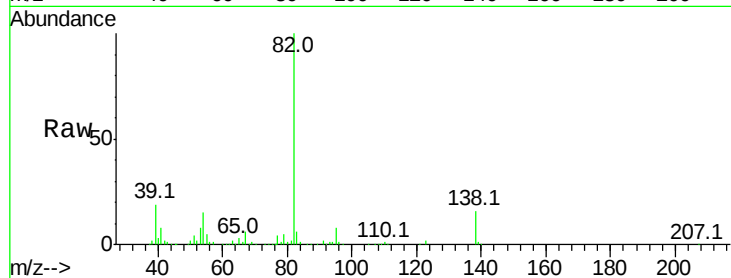
Tot Ion: 82 Resp: 621849

Ion Ratio Lower Upper

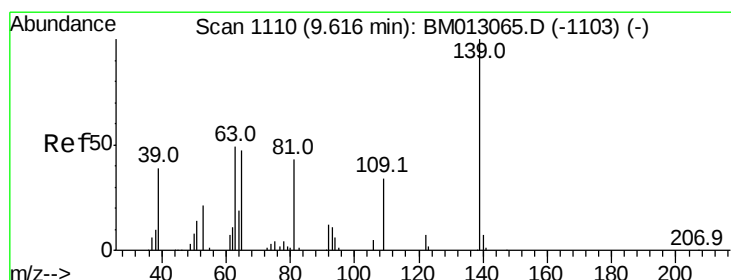
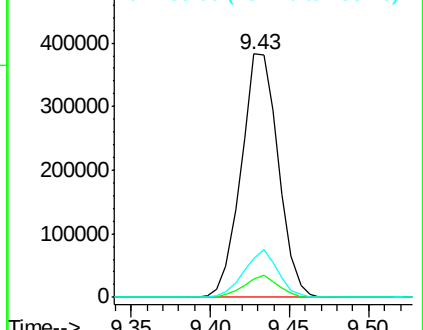
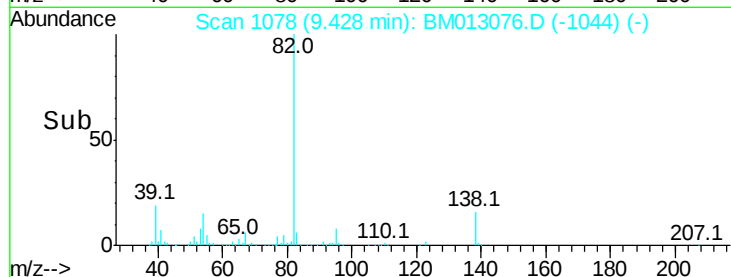
82 100

95 7.7 7.8 11.8#

138 16.1 11.9 17.9



Abundance Ion 82.00 (81.70 to 82.70): BM013076.D (-1044) (-)



#23

2-Nitrophenol

Concen: 20.709 ng/ul

RT: 9.62 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BM013076.D

Acq: 21 Nov 2017 10:38

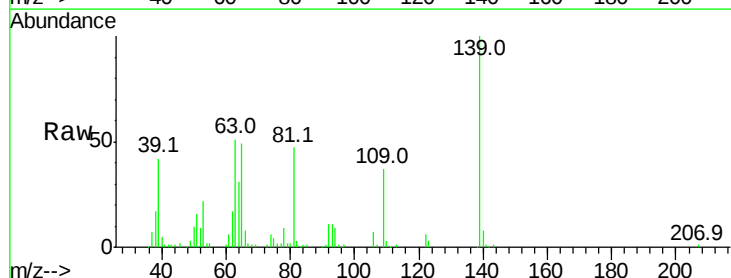
Tgt Ion: 139 Resp: 157781

Ion Ratio Lower Upper

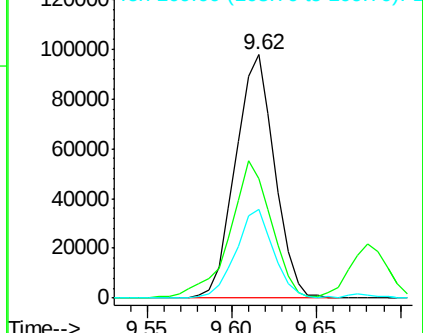
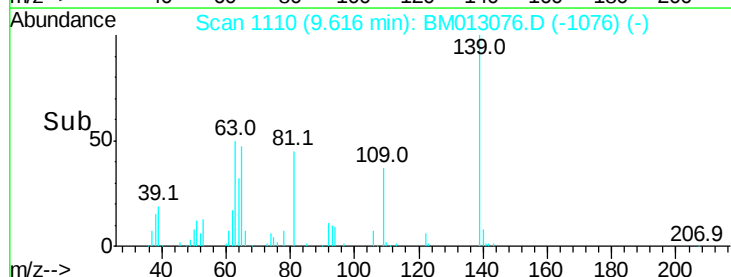
139 100

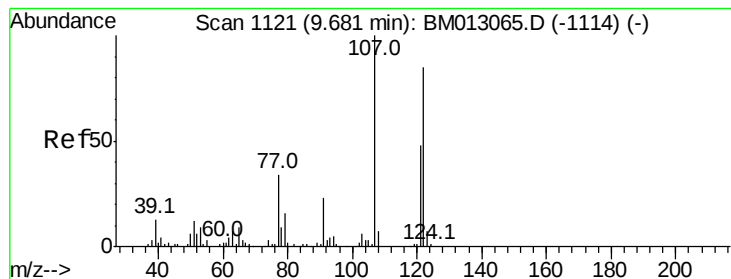
65 49.2 55.4 83.0#

109 36.6 42.2 63.2#



Abundance Ion 139.00 (138.70 to 139.70): BM013076.D (-1076) (-)

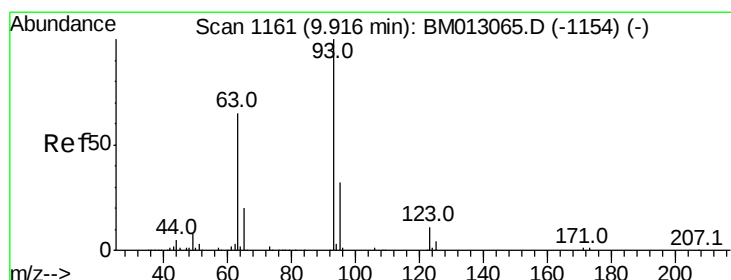
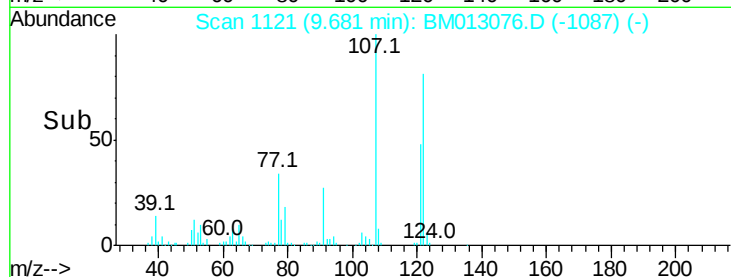
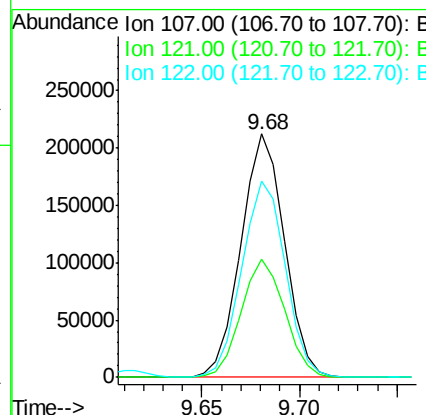
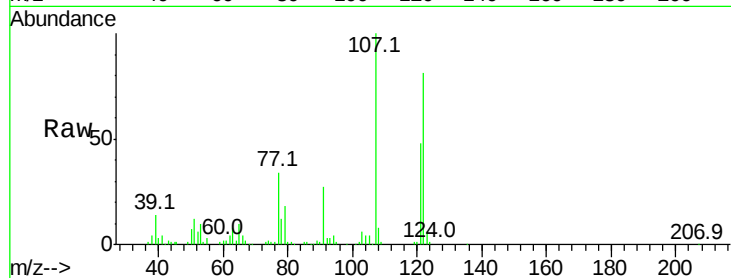




#24  
 2,4-Dimethylphenol  
 Concen: 16.371 ng/ul  
 RT: 9.68 min Scan# 1121  
 Delta R.T. -0.00 min  
 Lab File: BM013076.D  
 Acq: 21 Nov 2017 10:38

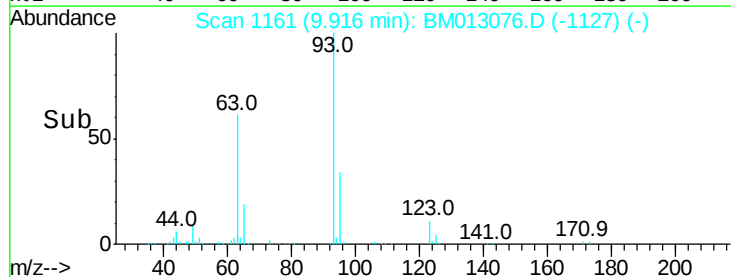
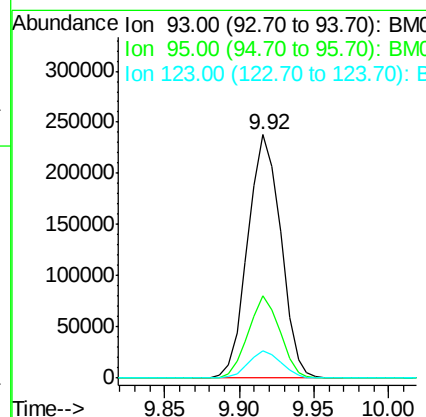
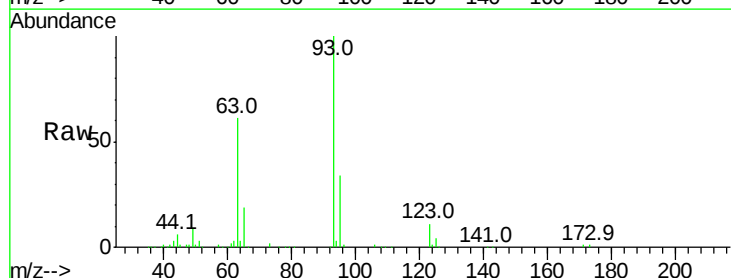
Instrument :  
 BNA\_M  
 ClientSampled :

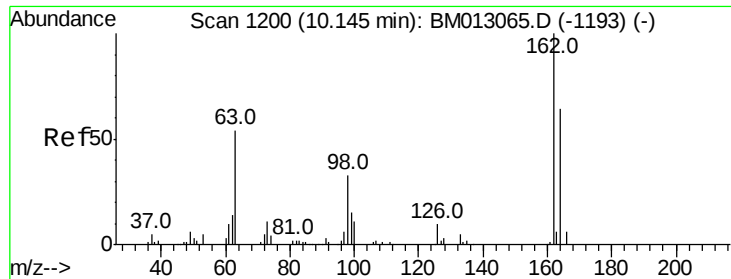
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 121     | 48.5  | 31.9  | 47.9# |
| 122     | 80.7  | 57.8  | 86.6  |



#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 16.893 ng/ul  
 RT: 9.92 min Scan# 1161  
 Delta R.T. -0.00 min  
 Lab File: BM013076.D  
 Acq: 21 Nov 2017 10:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.7  | 28.5  | 42.7  |
| 123     | 11.2  | 8.9   | 13.3  |





#27

2,4-Dichlorophenol

Concen: 17.096 ng/ul

RT: 10.15 min Scan# 1201

Delta R.T. 0.01 min

Lab File: BM013076.D

Acq: 21 Nov 2017 10:38

Instrument :

BNA\_M

ClientSampled :

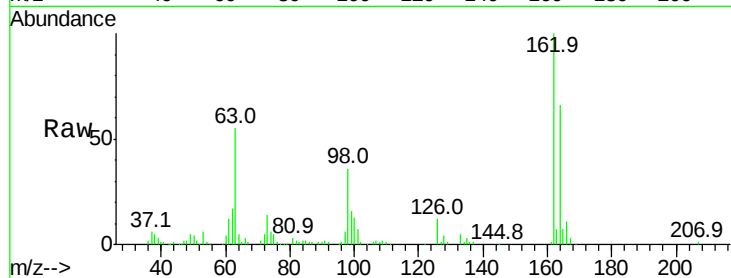
Tot Ion:162 Resp: 282333

Ion Ratio Lower Upper

162 100

164 65.6 47.8 71.6

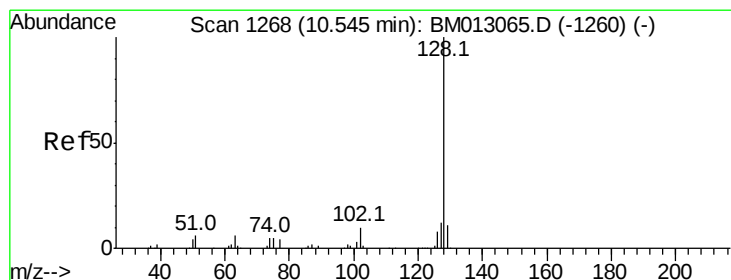
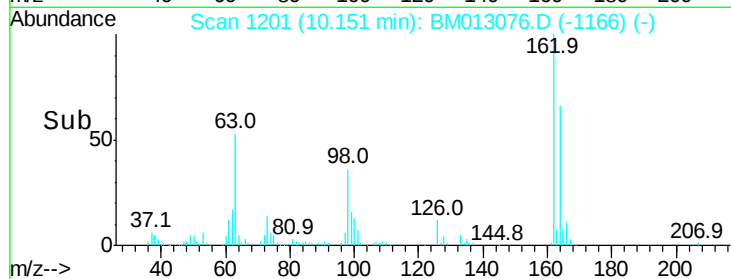
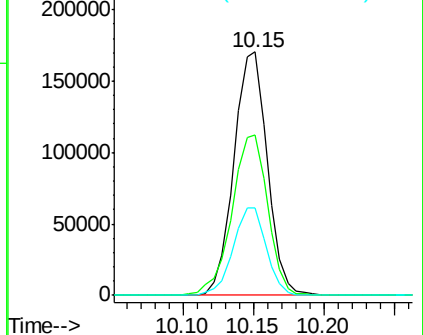
98 36.0 23.0 34.4#



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: 16.543 ng/ul

RT: 10.55 min Scan# 1268

Delta R.T. -0.00 min

Lab File: BM013076.D

Acq: 21 Nov 2017 10:38

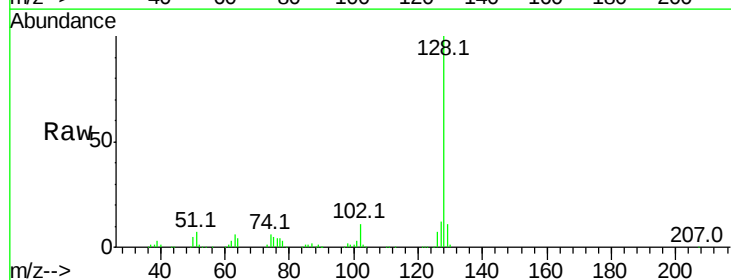
Tgt Ion:128 Resp: 880315

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

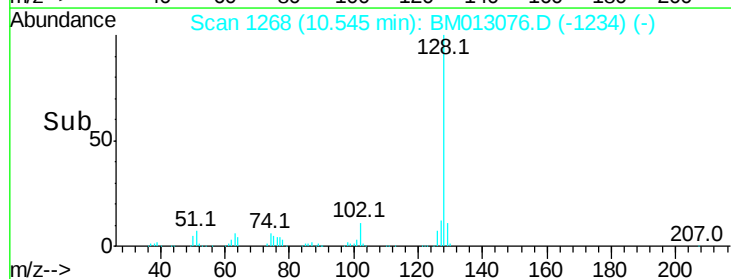
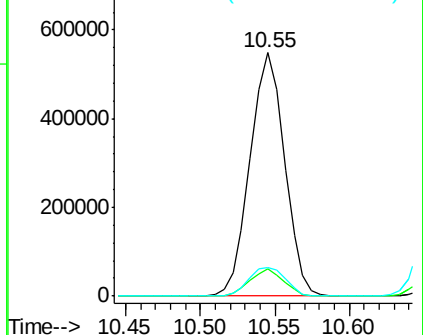
127 11.9 10.6 16.0

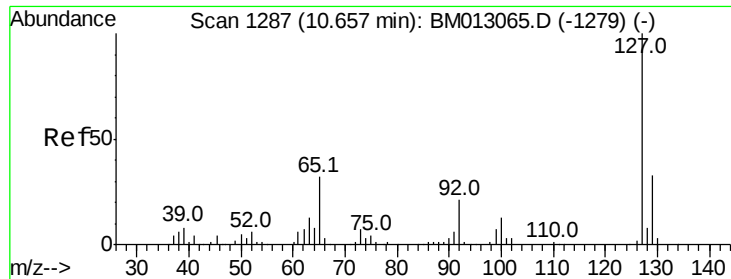


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

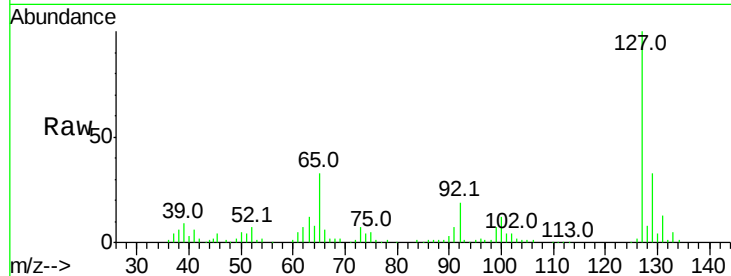




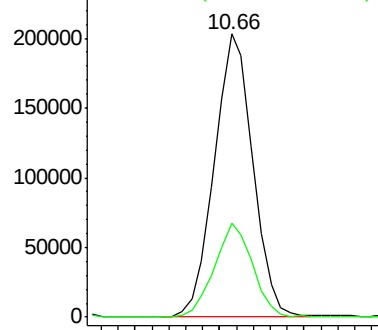
#30  
4-Chloroaniline  
Concen: 18.161 ng/ul  
RT: 10.66 min Scan# 1287  
Delta R.T. -0.00 min  
Lab File: BM013076.D  
Acq: 21 Nov 2017 10:38

Instrument :  
BNA\_M  
ClientSampleId :

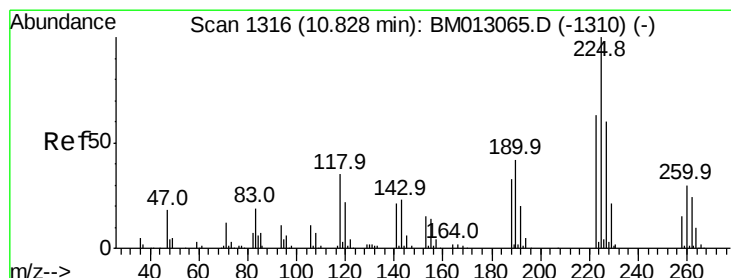
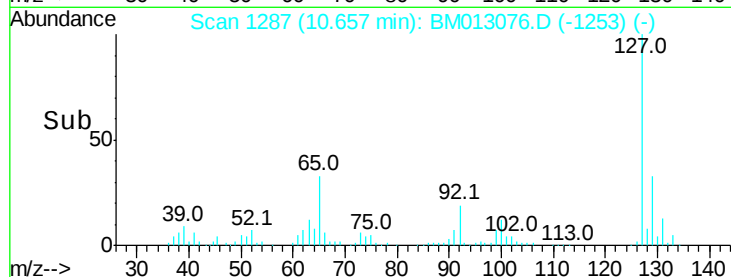
Tot Ion:127 Resp: 323547  
Ion Ratio Lower Upper  
127 100  
129 33.1 28.4 42.6



Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E

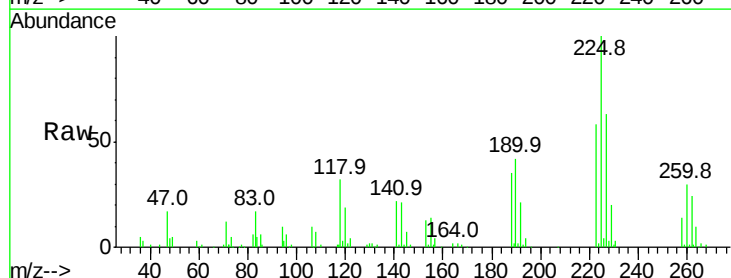


Time-->

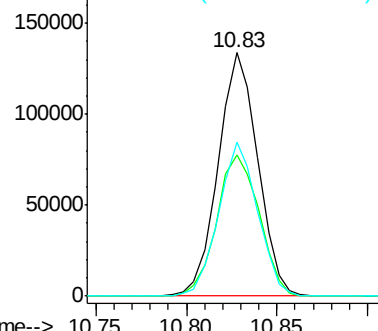


#31  
Hexachlorobutadiene  
Concen: 17.080 ng/ul  
RT: 10.83 min Scan# 1316  
Delta R.T. -0.00 min  
Lab File: BM013076.D  
Acq: 21 Nov 2017 10:38

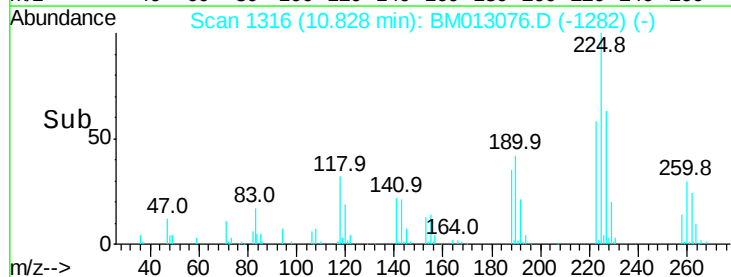
Tgt Ion:225 Resp: 203106  
Ion Ratio Lower Upper  
225 100  
223 57.8 49.4 74.2  
227 63.1 45.4 68.2

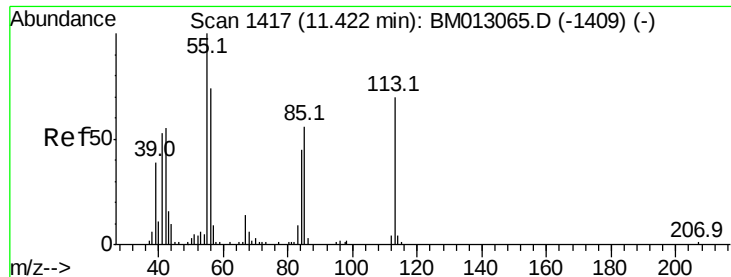


Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E



Time-->





#32

Caprolactam

Concen: 17.952 ng/ul

RT: 11.43 min Scan# 1418

Delta R.T. 0.01 min

Lab File: BM013076.D

Acq: 21 Nov 2017 10:38

Instrument :

BNA\_M

ClientSampleId :

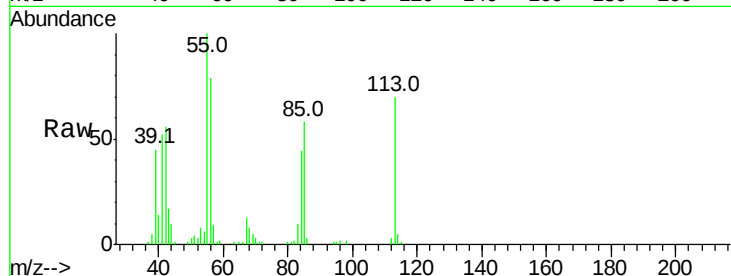
Tot Ion:113 Resp: 93093

Ion Ratio Lower Upper

113 100

55 142.0 208.0 312.0#

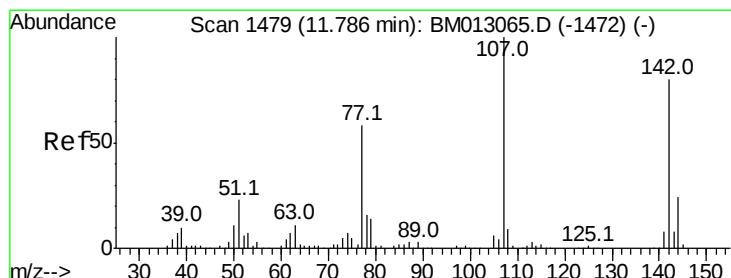
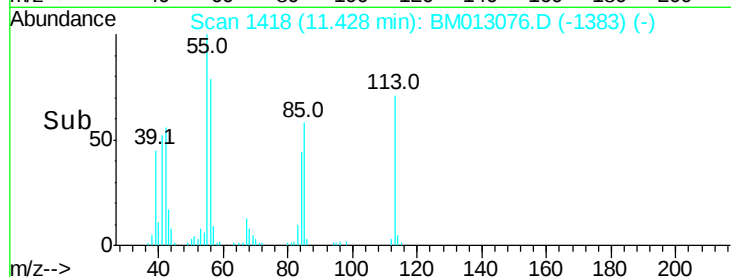
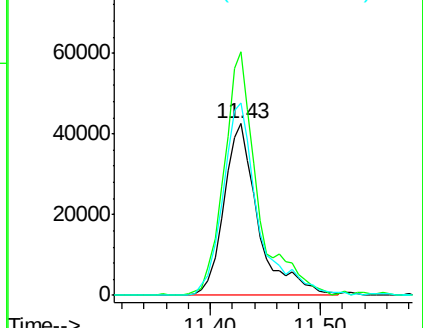
56 112.1 160.0 240.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#33

4-Chloro-3-methylphenol

Concen: 17.793 ng/ul

RT: 11.79 min Scan# 1480

Delta R.T. 0.01 min

Lab File: BM013076.D

Acq: 21 Nov 2017 10:38

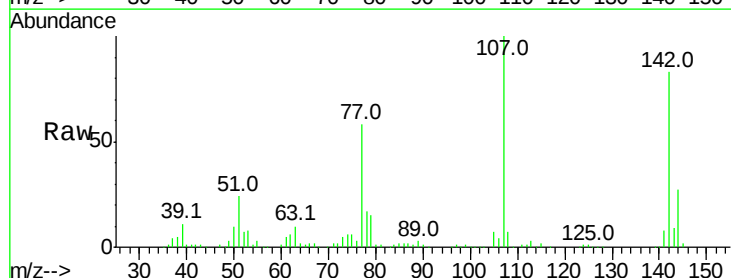
Tgt Ion:107 Resp: 312983

Ion Ratio Lower Upper

107 100

144 27.1 20.4 30.6

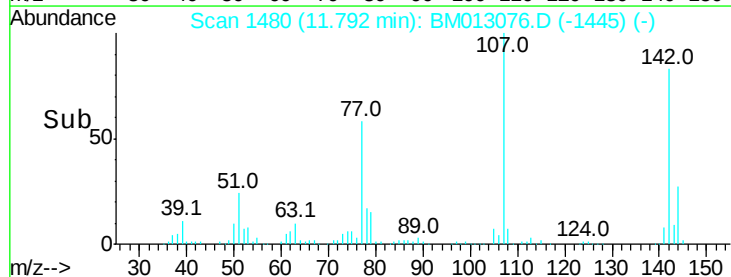
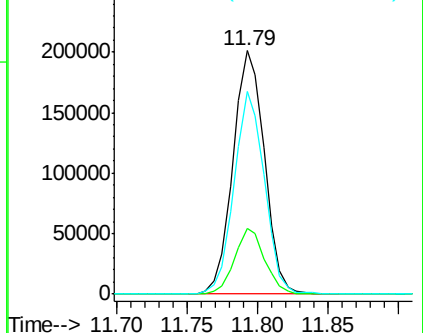
142 83.4 60.5 90.7

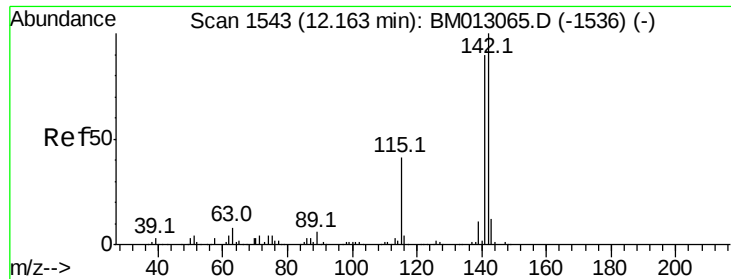


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

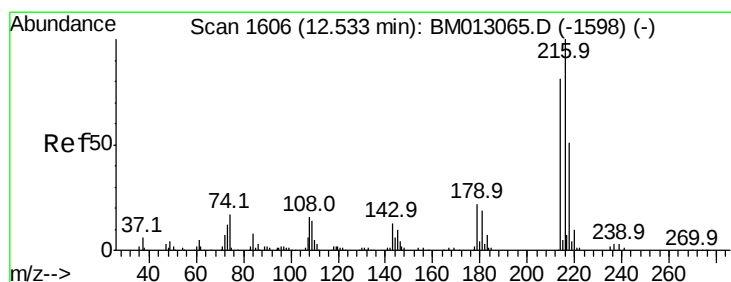
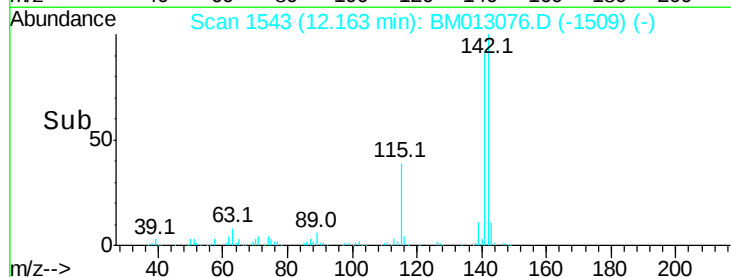
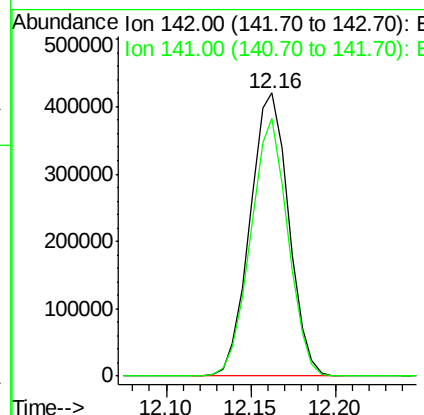
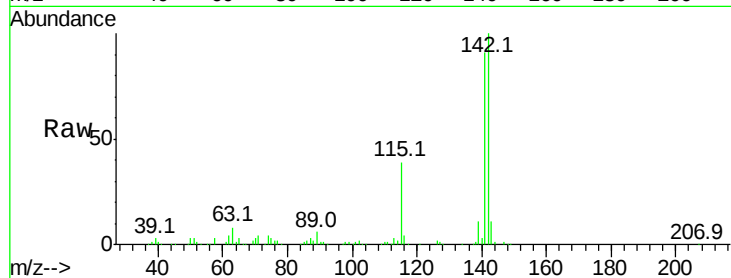




#34  
 2-Methylnaphthalene  
 Concen: 17.231 ng/ul  
 RT: 12.16 min Scan# 1543  
 Delta R.T. -0.00 min  
 Lab File: BM013076.D  
 Acq: 21 Nov 2017 10:38

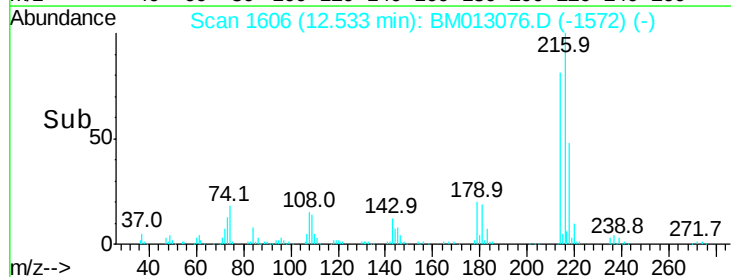
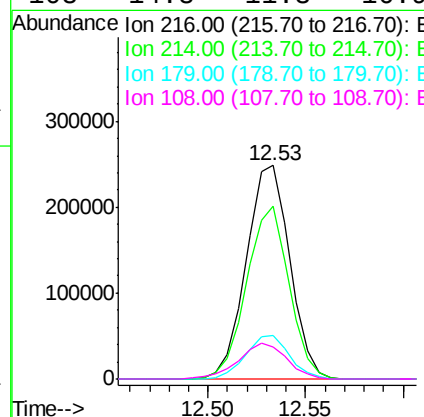
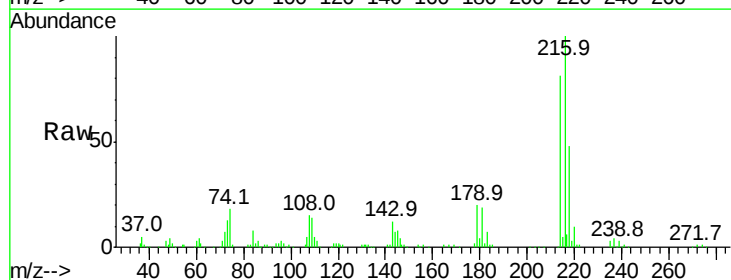
Instrument :  
 BNA\_M  
 ClientSampleId :

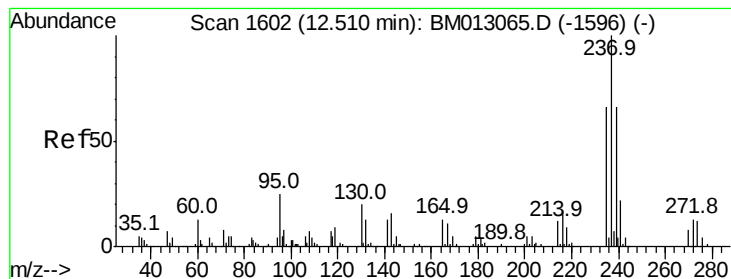
Tot Ion:142 Resp: 670853  
 Ion Ratio Lower Upper  
 142 100  
 141 91.1 74.1 111.1



#36  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 16.209 ng/ul  
 RT: 12.53 min Scan# 1606  
 Delta R.T. -0.00 min  
 Lab File: BM013076.D  
 Acq: 21 Nov 2017 10:38

Tgt Ion:216 Resp: 384957  
 Ion Ratio Lower Upper  
 216 100  
 214 81.1 60.6 90.8  
 179 20.4 17.5 26.3  
 108 14.8 11.3 16.9





#37

Hexachlorocyclopentadiene

Concen: 13.348 ng/ul

RT: 12.51 min Scan# 1602

Delta R.T. -0.00 min

Lab File: BM013076.D

Acq: 21 Nov 2017 10:38

Instrument :

BNA\_M

ClientSampleId :

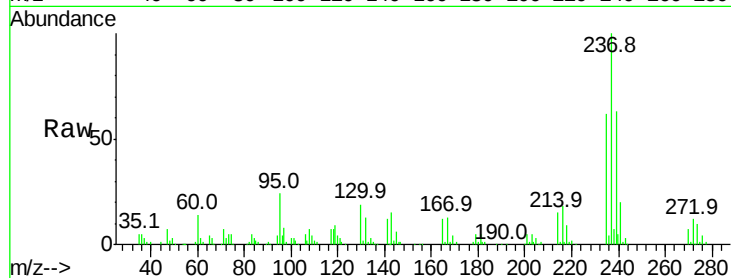
Tot Ion:237 Resp: 234433

Ion Ratio Lower Upper

237 100

235 62.2 50.2 75.4

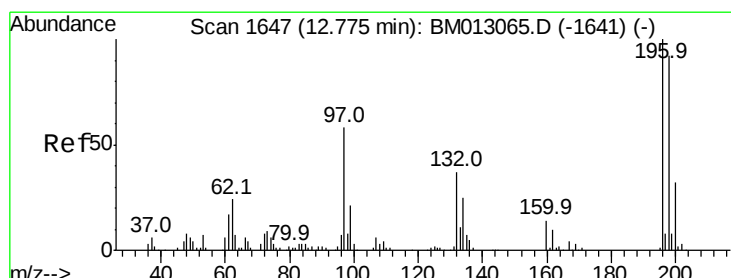
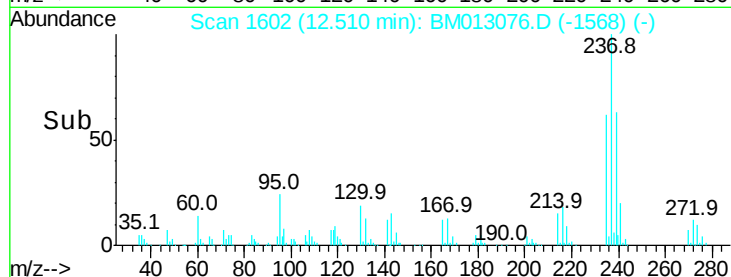
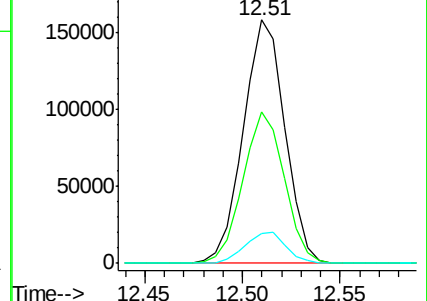
272 12.4 11.0 16.6



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 17.792 ng/ul

RT: 12.78 min Scan# 1648

Delta R.T. 0.01 min

Lab File: BM013076.D

Acq: 21 Nov 2017 10:38

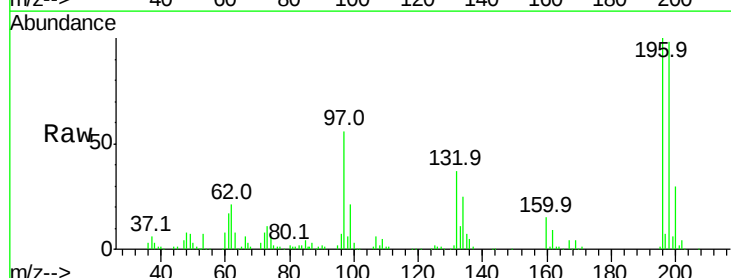
Tgt Ion:196 Resp: 254653

Ion Ratio Lower Upper

196 100

198 97.6 74.1 111.1

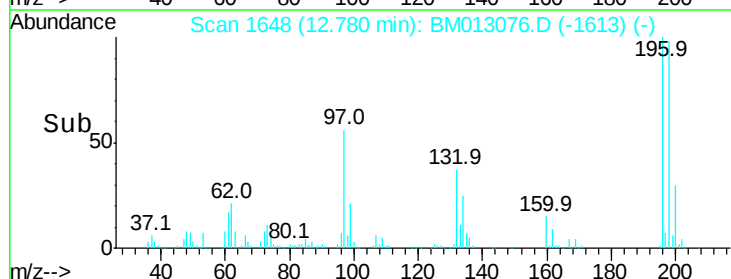
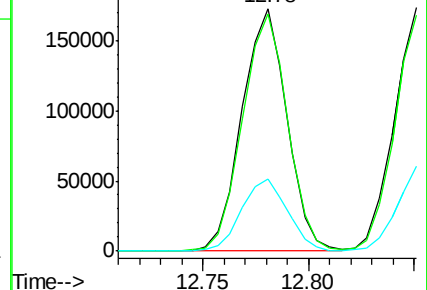
200 29.8 25.2 37.8

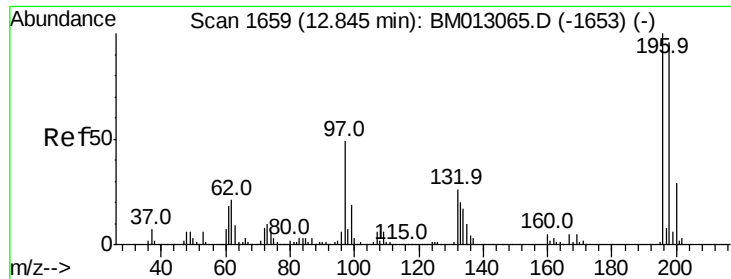


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

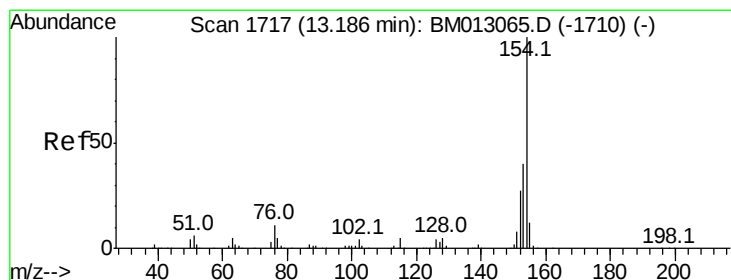
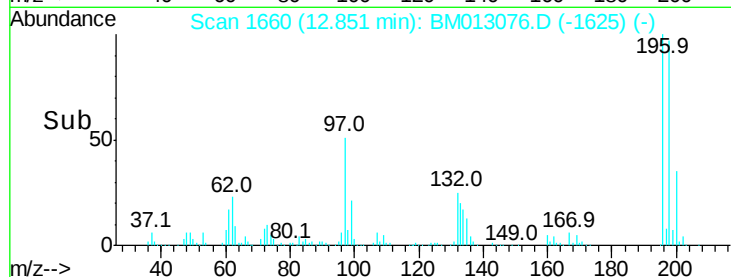
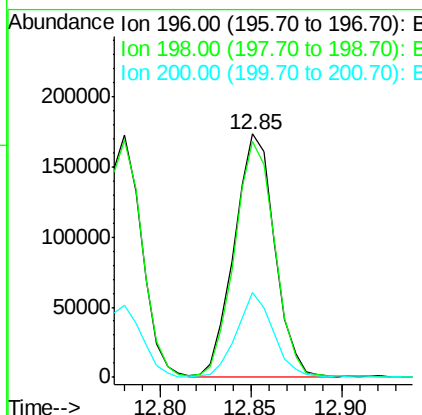
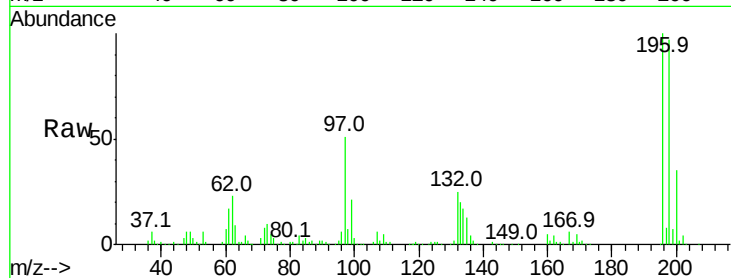




#39  
 2,4,5-Trichlorophenol  
 Concen: 17.901 ng/ul  
 RT: 12.85 min Scan# 1660  
 Delta R.T. 0.01 min  
 Lab File: BM013076.D  
 Acq: 21 Nov 2017 10:38

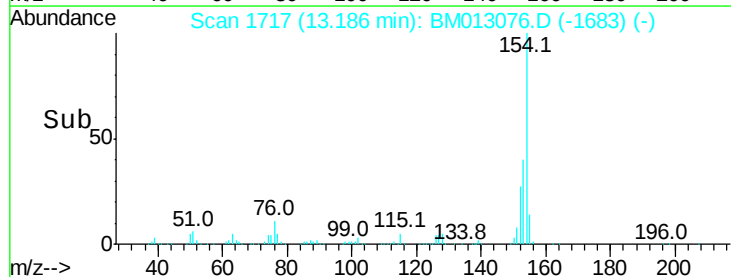
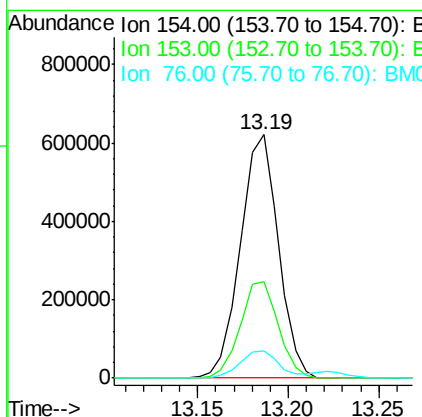
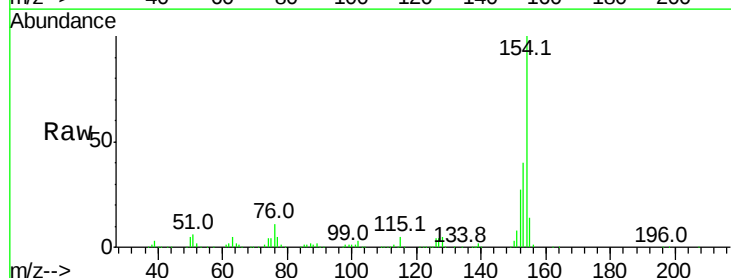
Instrument :  
 BNA\_M  
 ClientSampleId :

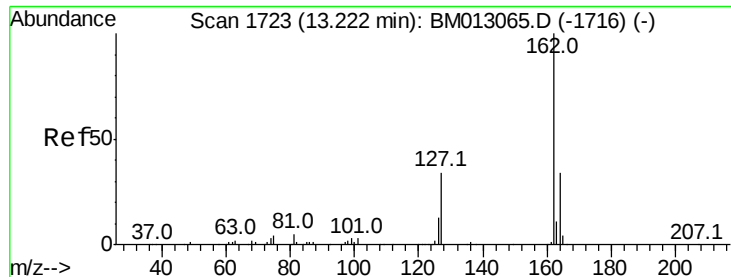
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 97.0  | 75.6  | 113.4 |
| 200     | 34.8  | 25.5  | 38.3  |



#40  
 1,1'-Biphenyl  
 Concen: 16.431 ng/ul  
 RT: 13.19 min Scan# 1717  
 Delta R.T. -0.00 min  
 Lab File: BM013076.D  
 Acq: 21 Nov 2017 10:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 39.5  | 32.6  | 48.8  |
| 76      | 11.0  | 8.5   | 12.7  |

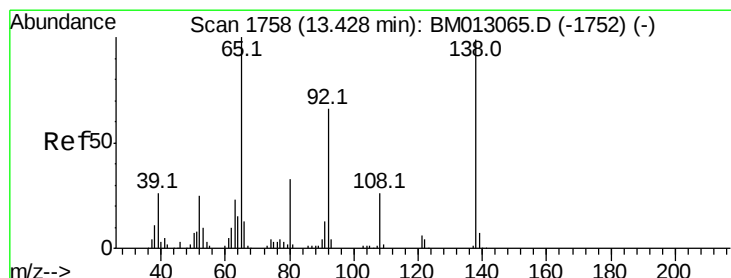
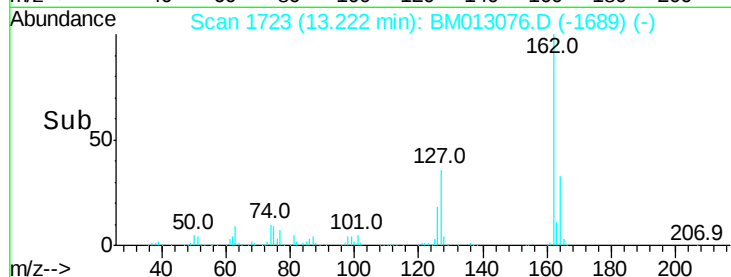
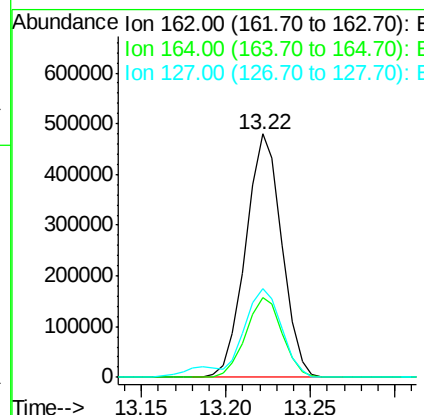
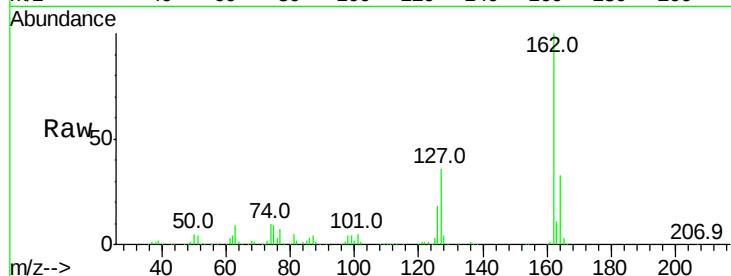




#41  
 2-Chloronaphthalene  
 Concen: 16.365 ng/ul  
 RT: 13.22 min Scan# 1723  
 Delta R.T. -0.00 min  
 Lab File: BM013076.D  
 Acq: 21 Nov 2017 10:38

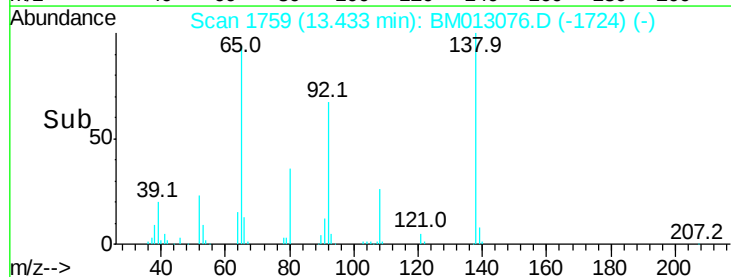
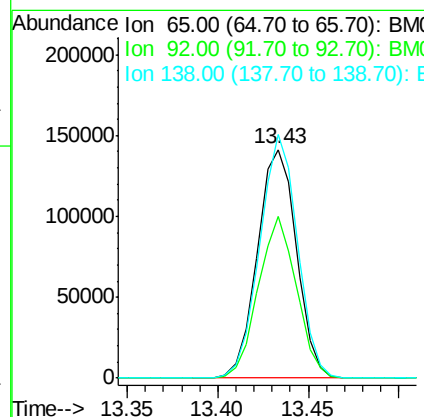
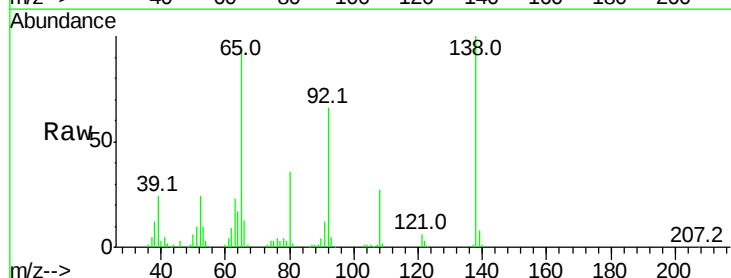
Instrument :  
 BNA\_M  
 ClientSampleId :

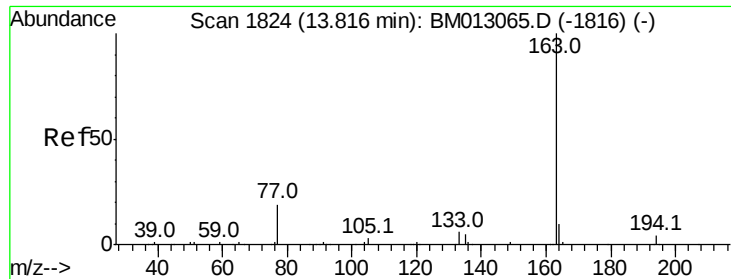
Tot Ion:162 Resp: 713534  
 Ion Ratio Lower Upper  
 162 100  
 164 32.8 25.9 38.9  
 127 36.4 29.4 44.2



#42  
 2-Nitroaniline  
 Concen: 22.924 ng/ul  
 RT: 13.43 min Scan# 1759  
 Delta R.T. 0.01 min  
 Lab File: BM013076.D  
 Acq: 21 Nov 2017 10:38

Tgt Ion: 65 Resp: 212265  
 Ion Ratio Lower Upper  
 65 100  
 92 70.7 51.8 77.6  
 138 106.7 74.2 111.4





#44

Dimethylphthalate

Concen: 16.935 ng/ul

RT: 13.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BM013076.D

Acq: 21 Nov 2017 10:38

Instrument :

BNA\_M

ClientSampleId :

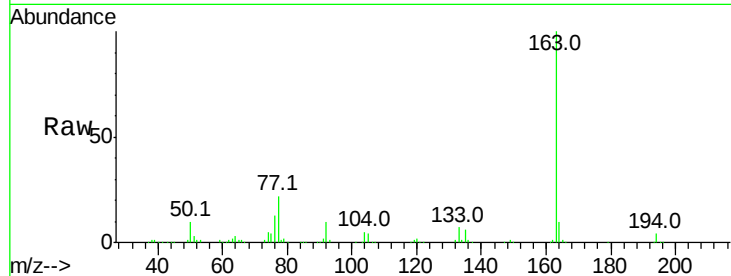
Tot Ion:163 Resp: 927468

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

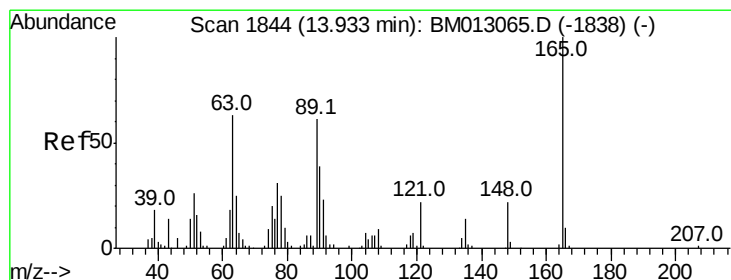
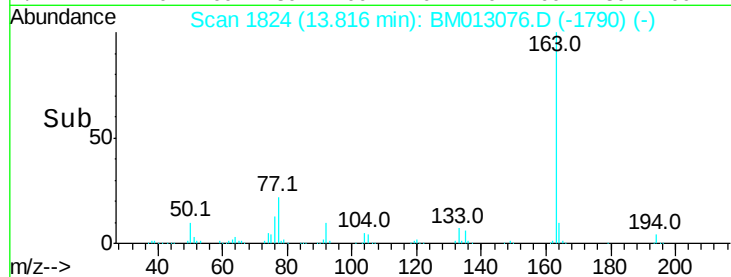
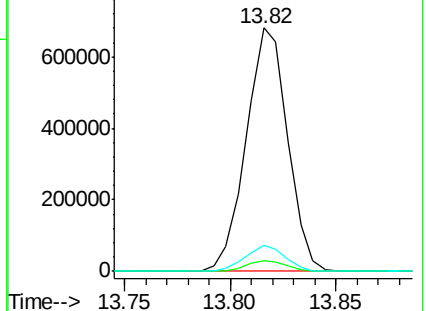
164 10.5 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#45

2,6-Dinitrotoluene

Concen: 22.696 ng/ul

RT: 13.93 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BM013076.D

Acq: 21 Nov 2017 10:38

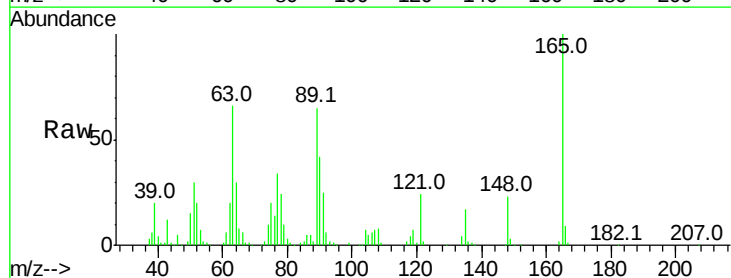
Tgt Ion:165 Resp: 189654

Ion Ratio Lower Upper

165 100

89 64.6 52.6 79.0

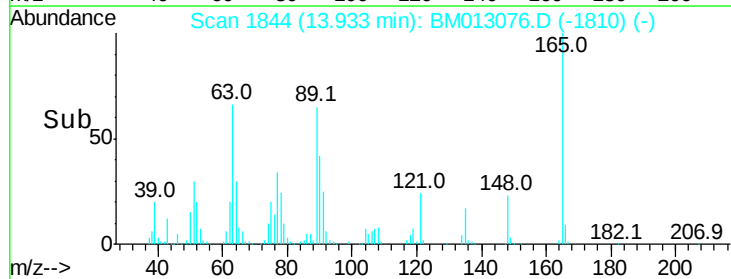
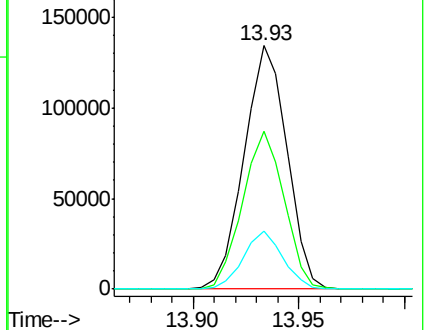
121 24.1 14.6 22.0#

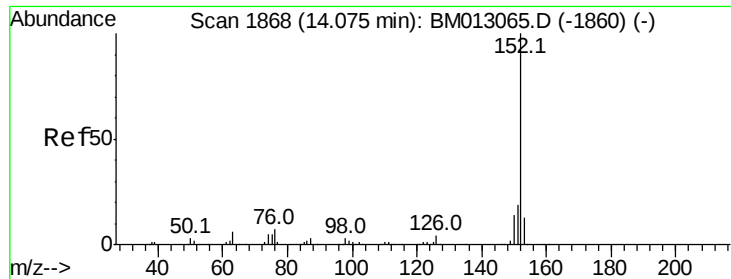


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 16.158 ng/ul

RT: 14.07 min Scan# 1868

Delta R.T. -0.00 min

Lab File: BM013076.D

Acq: 21 Nov 2017 10:38

Instrument :

BNA\_M

ClientSampleId :

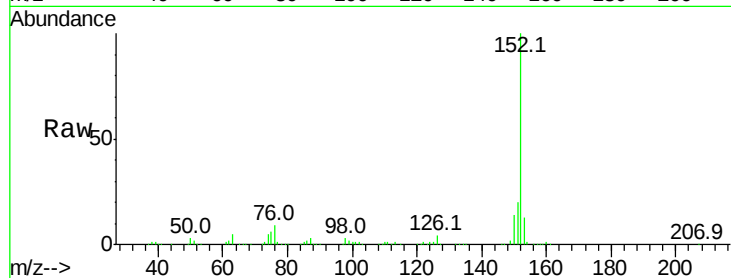
Tot Ion:152 Resp: 1086179

Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

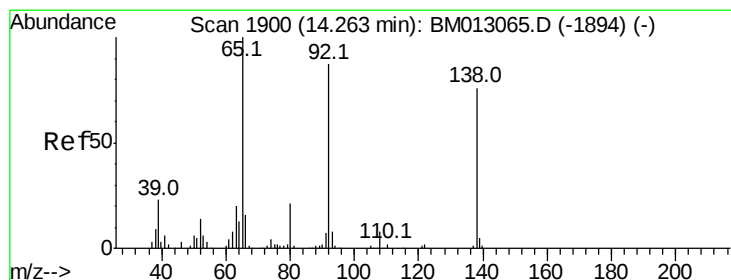
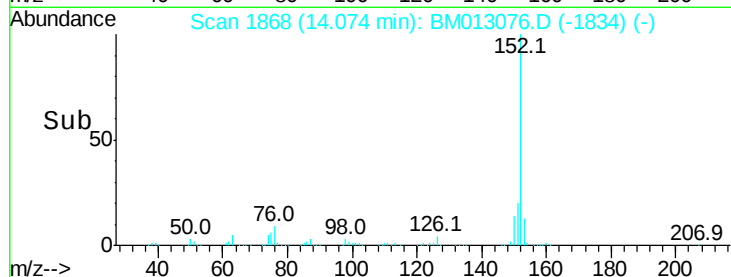
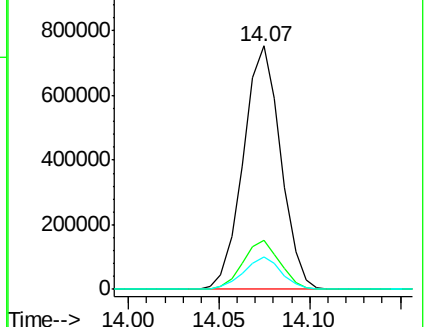
153 13.3 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#48

3-Nitroaniline

Concen: 22.122 ng/ul

RT: 14.26 min Scan# 1900

Delta R.T. -0.00 min

Lab File: BM013076.D

Acq: 21 Nov 2017 10:38

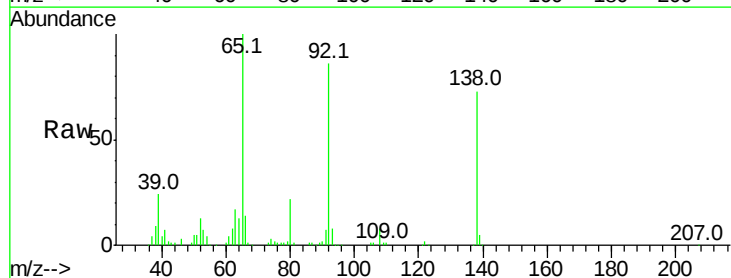
Tgt Ion:138 Resp: 173138

Ion Ratio Lower Upper

138 100

108 10.6 9.9 14.9

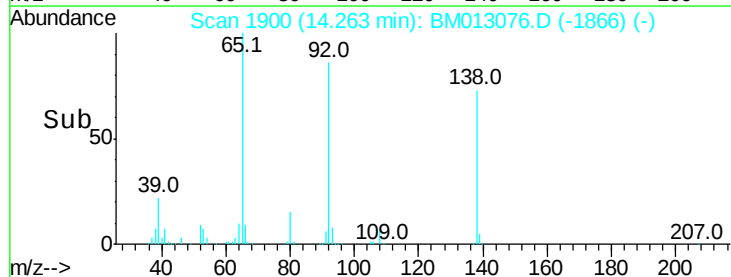
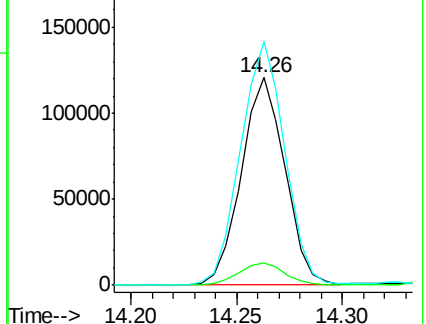
92 117.2 105.0 157.4

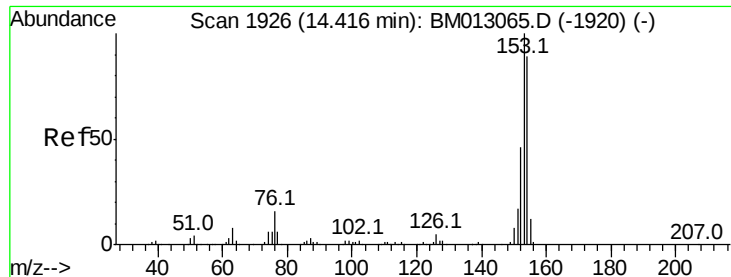


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 16.612 ng/ul

RT: 14.42 min Scan# 1926

Delta R.T. -0.00 min

Lab File: BM013076.D

Acq: 21 Nov 2017 10:38

Instrument :

BNA\_M

ClientSampleId :

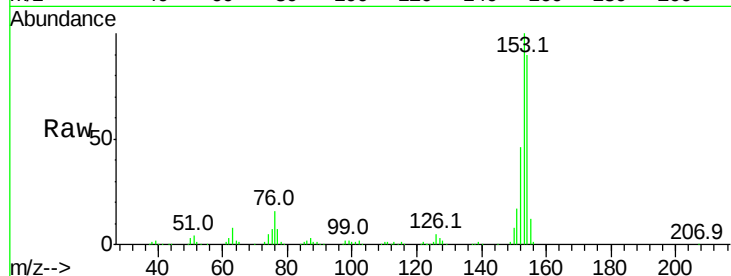
Tot Ion:153 Resp: 750468

Ion Ratio Lower Upper

153 100

152 46.4 37.6 56.4

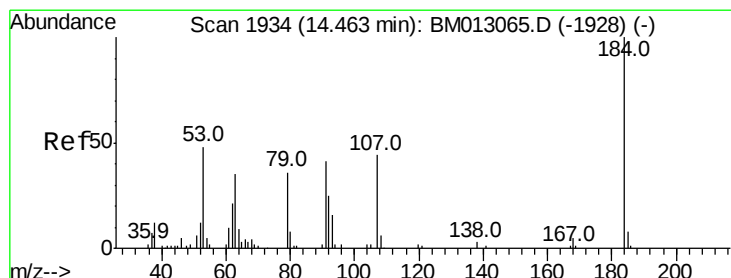
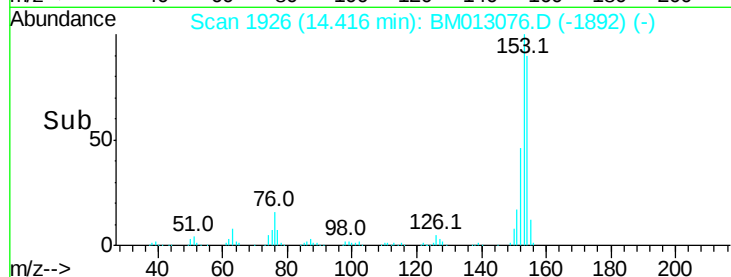
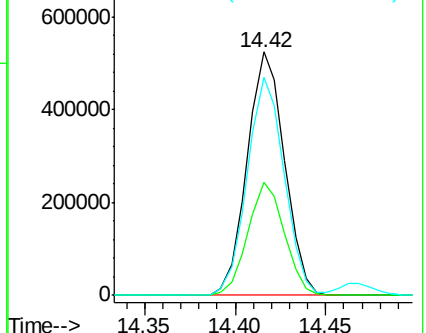
154 89.8 70.4 105.6



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



#50

2,4-Dinitrophenol

Concen: 14.106 ng/ul

RT: 14.47 min Scan# 1935

Delta R.T. 0.01 min

Lab File: BM013076.D

Acq: 21 Nov 2017 10:38

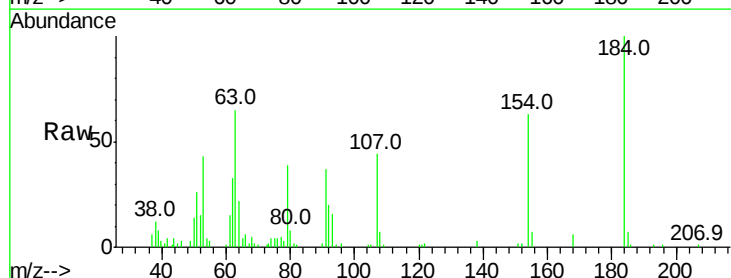
Tgt Ion:184 Resp: 56428

Ion Ratio Lower Upper

184 100

63 65.0 50.1 75.1

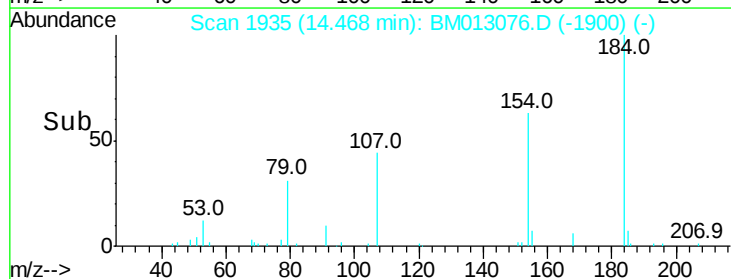
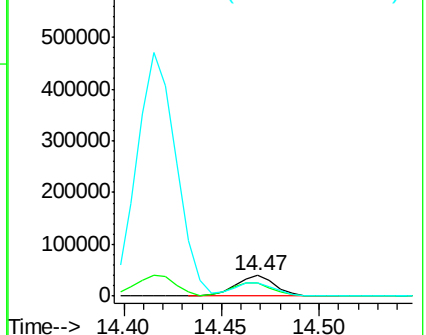
154 63.2 54.5 81.7

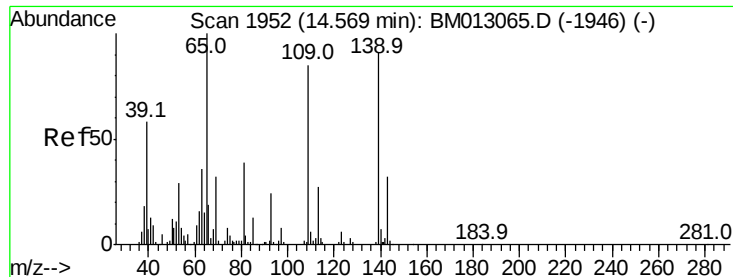


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 18.164 ng/ul

RT: 14.58 min Scan# 1954

Delta R.T. 0.01 min

Lab File: BM013076.D

Acq: 21 Nov 2017 10:38

Instrument :

BNA\_M

ClientSampleId :

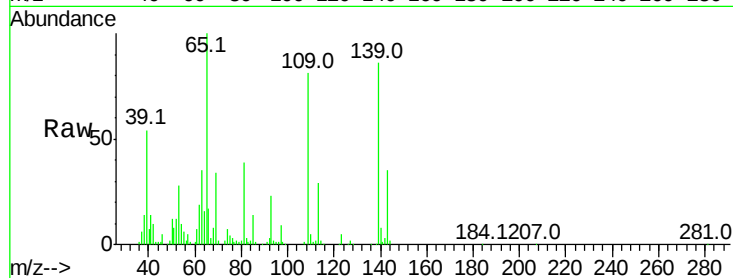
Tot Ion:109 Resp: 142982

Ion Ratio Lower Upper

109 100

139 106.9 80.0 120.0

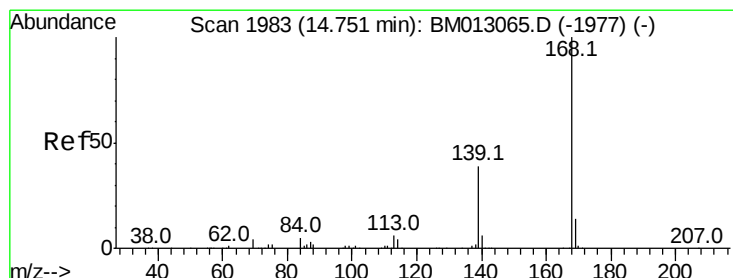
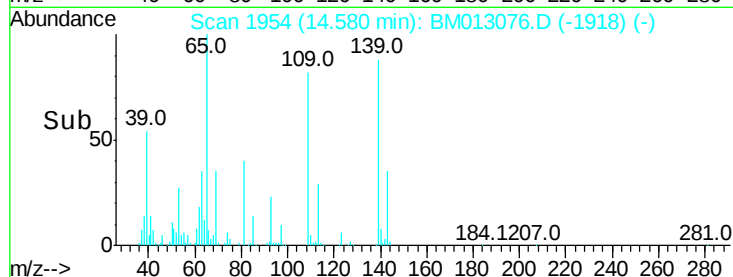
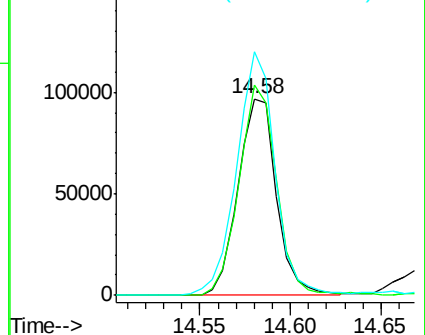
65 123.7 120.0 180.0



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM



#53

Dibenzofuran

Concen: 16.906 ng/ul

RT: 14.75 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BM013076.D

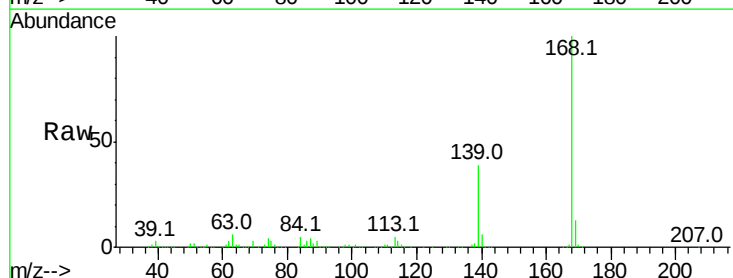
Acq: 21 Nov 2017 10:38

Tgt Ion:168 Resp: 1094028

Ion Ratio Lower Upper

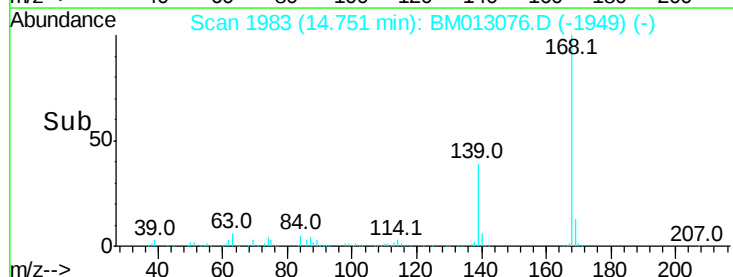
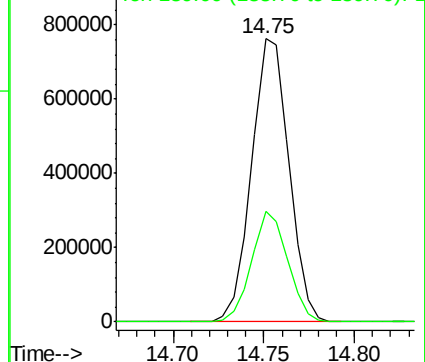
168 100

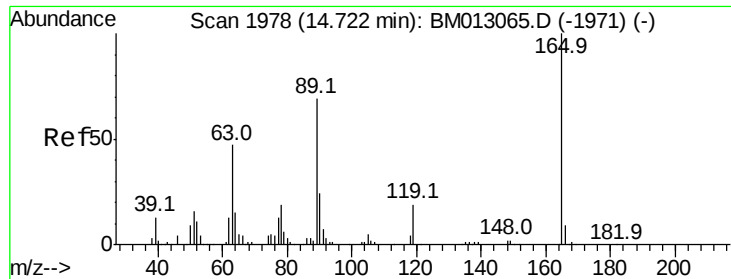
139 39.2 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

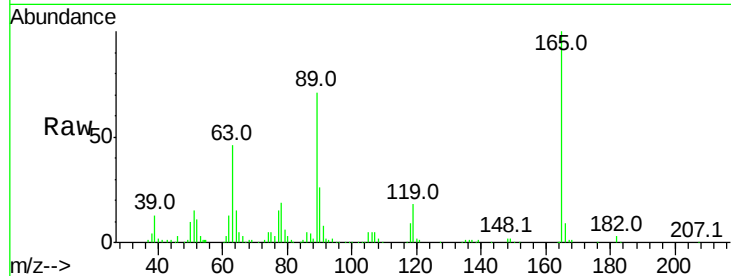




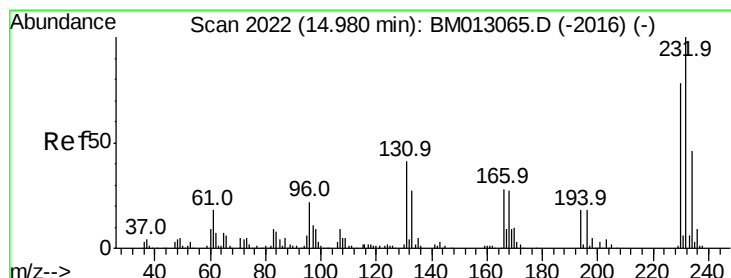
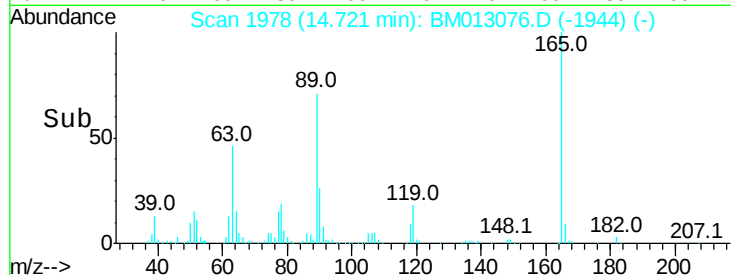
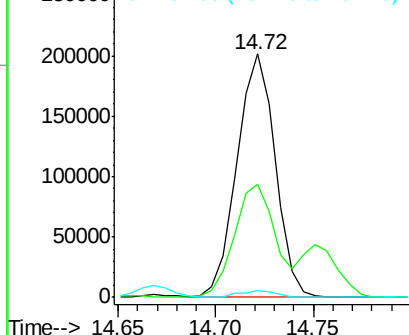
#54  
 2,4-Dinitrotoluene  
 Concen: 23.380 ng/ul  
 RT: 14.72 min Scan# 1978  
 Delta R.T. -0.00 min  
 Lab File: BM013076.D  
 Acq: 21 Nov 2017 10:38

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:165 Resp: 273282  
 Ion Ratio Lower Upper  
 165 100  
 63 46.2 45.8 68.8  
 182 3.0 2.6 4.0



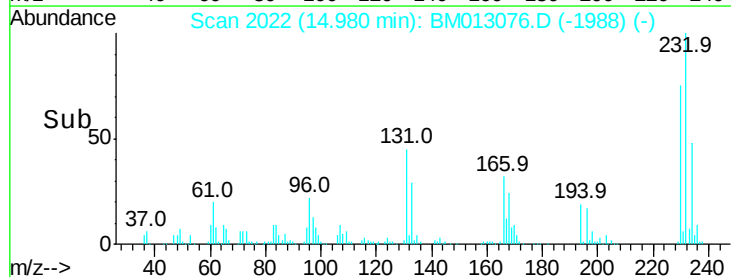
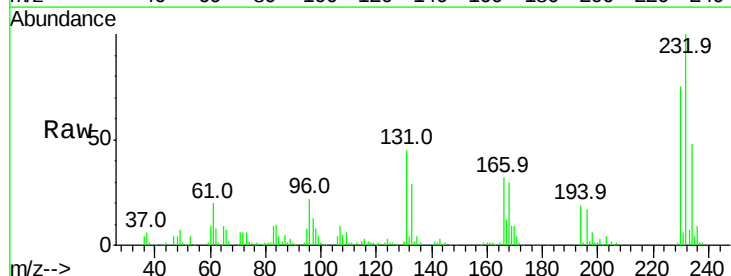
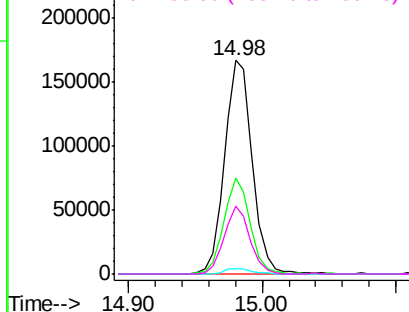
Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BM0  
 Ion 182.00 (181.70 to 182.70): E

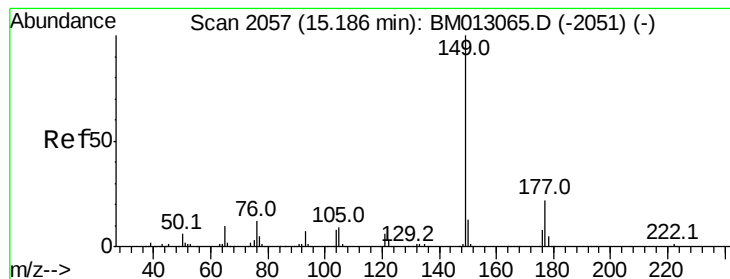


#55  
 2,3,4,6-Tetrachlorophenol  
 Concen: 19.335 ng/ul  
 RT: 14.98 min Scan# 2022  
 Delta R.T. -0.00 min  
 Lab File: BM013076.D  
 Acq: 21 Nov 2017 10:38

Tgt Ion:232 Resp: 242303  
 Ion Ratio Lower Upper  
 232 100  
 131 45.0 29.0 43.4#  
 130 2.4 2.0 3.0  
 166 32.1 21.4 32.2

Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E





#56

Diethylphthalate

Concen: 17.051 ng/ul

RT: 15.19 min Scan# 2057

Delta R.T. -0.00 min

Lab File: BM013076.D

Acq: 21 Nov 2017 10:38

Instrument :

BNA\_M

ClientSampled :

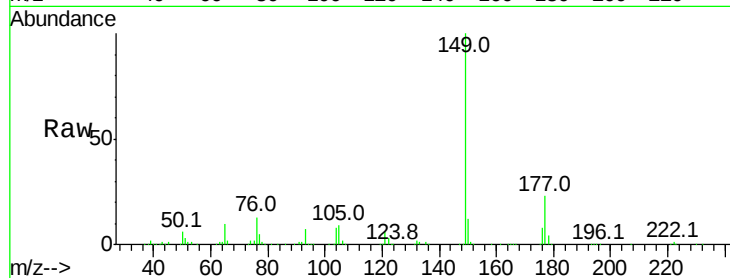
Tot Ion:149 Resp: 944089

Ion Ratio Lower Upper

149 100

177 22.7 20.5 30.7

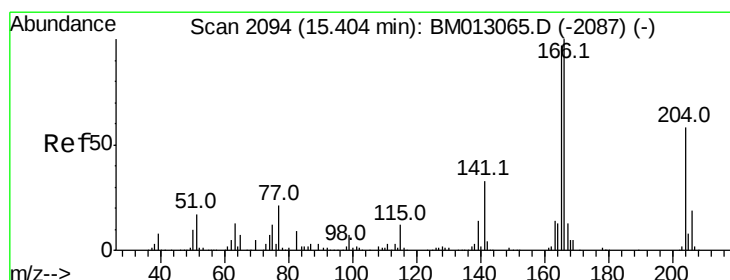
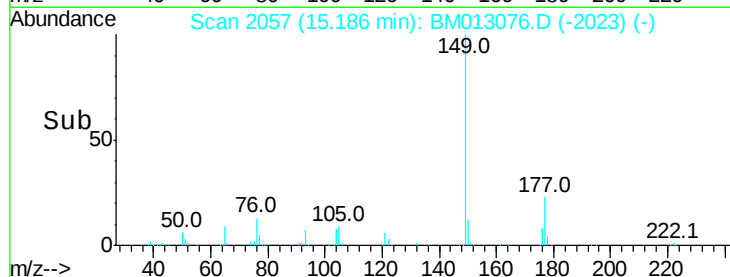
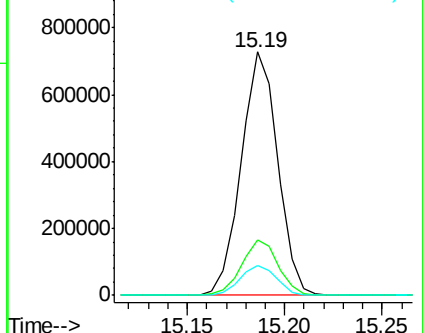
150 12.2 10.6 15.8



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



#58

Fluorene

Concen: 16.715 ng/ul

RT: 15.40 min Scan# 2094

Delta R.T. -0.00 min

Lab File: BM013076.D

Acq: 21 Nov 2017 10:38

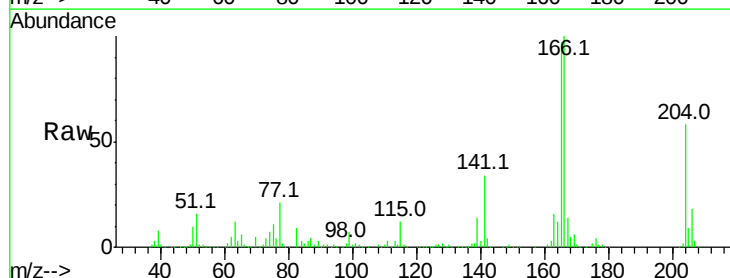
Tgt Ion:166 Resp: 890812

Ion Ratio Lower Upper

166 100

165 97.2 77.9 116.9

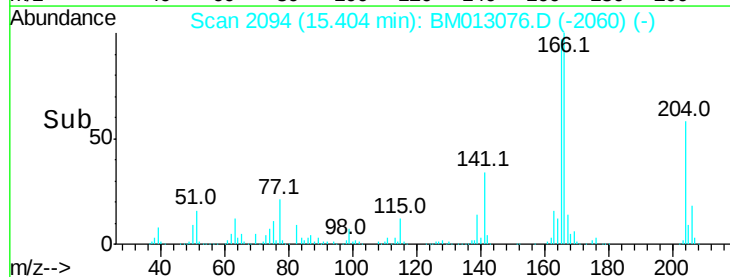
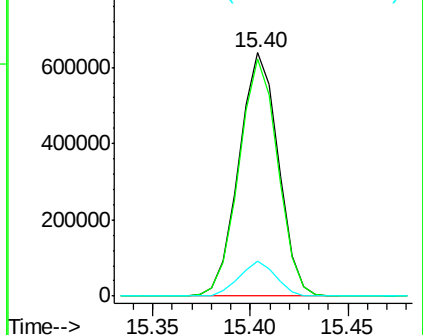
167 14.1 10.6 16.0

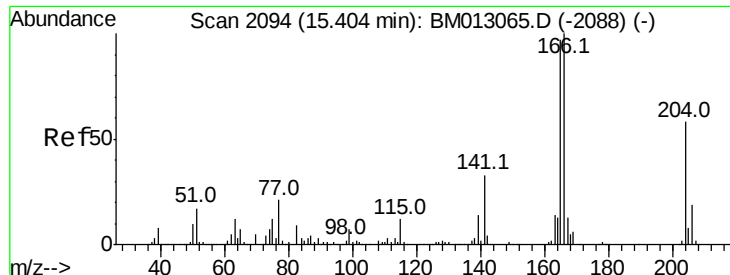


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

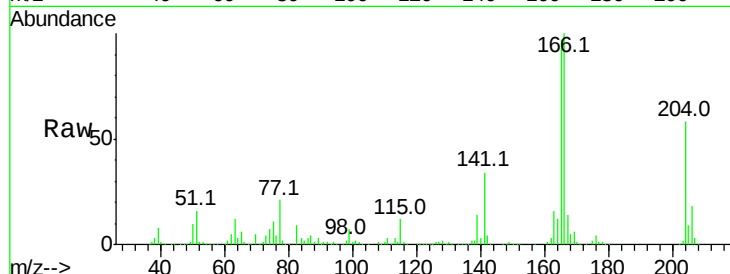




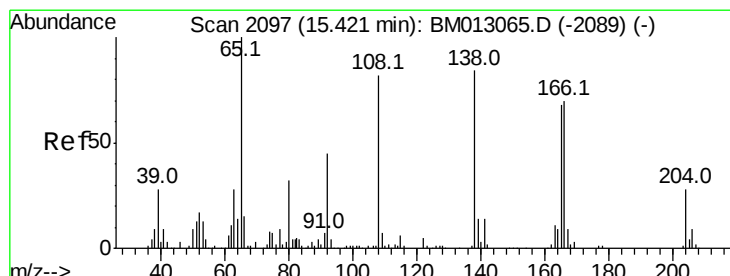
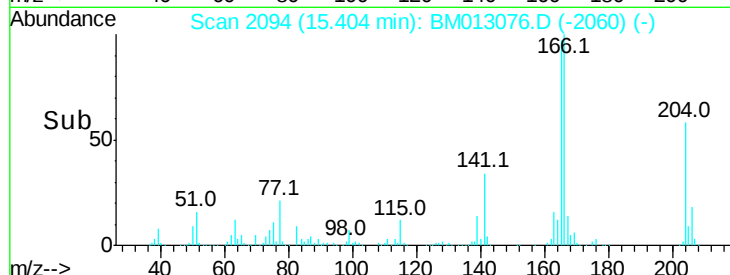
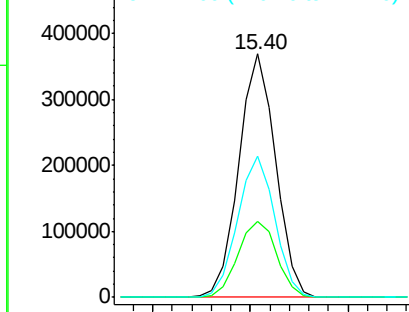
#59  
4-Chlorophenyl-phenylether  
Concen: 17.172 ng/ul  
RT: 15.40 min Scan# 2094  
Delta R.T. -0.00 min  
Lab File: BM013076.D  
Acq: 21 Nov 2017 10:38

Instrument :  
BNA\_M  
ClientSampled :

Tot Ion:204 Resp: 483474  
Ion Ratio Lower Upper  
204 100  
206 31.3 24.8 37.2  
141 58.1 44.3 66.5

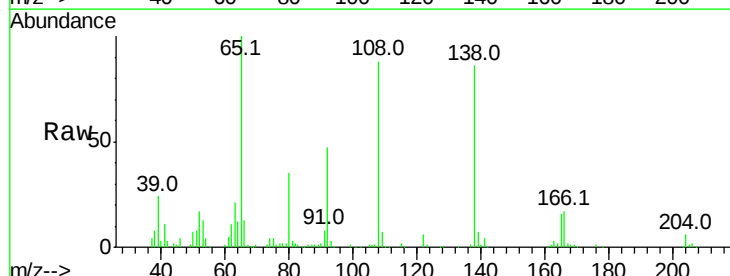


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

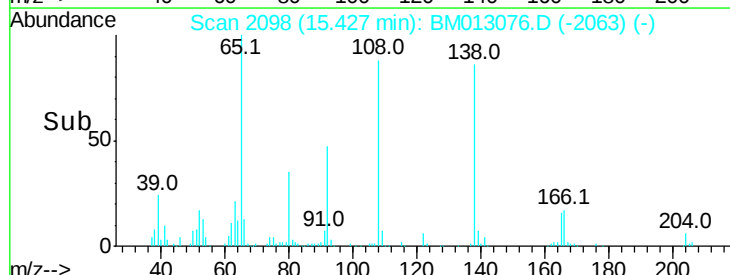
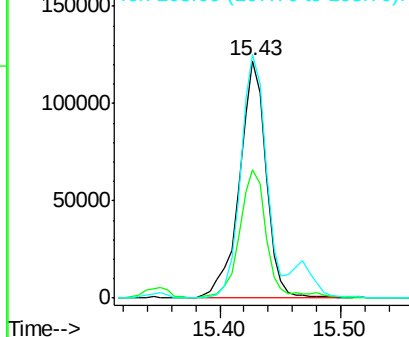


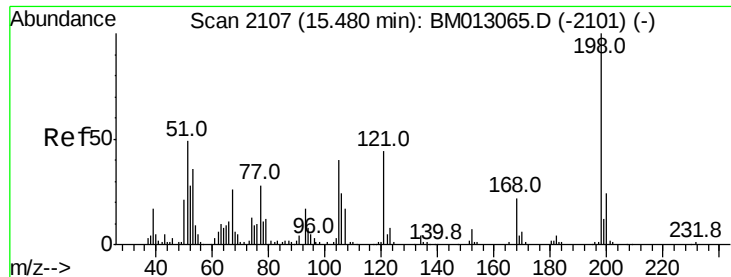
#60  
4-Nitroaniline  
Concen: 18.321 ng/ul  
RT: 15.43 min Scan# 2098  
Delta R.T. 0.01 min  
Lab File: BM013076.D  
Acq: 21 Nov 2017 10:38

Tgt Ion:138 Resp: 188569  
Ion Ratio Lower Upper  
138 100  
92 53.9 40.0 60.0  
108 102.5 80.0 120.0



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

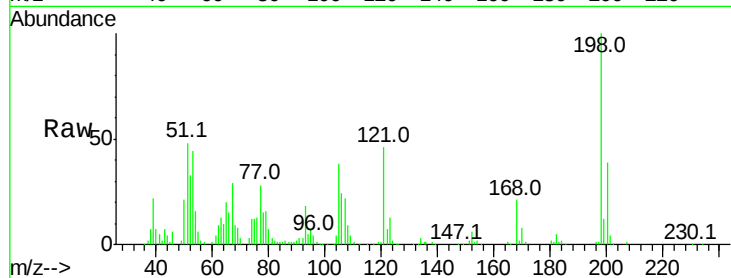




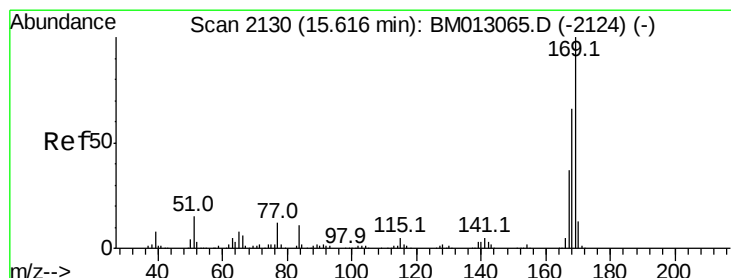
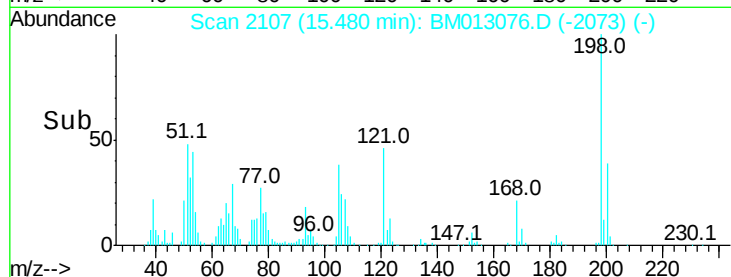
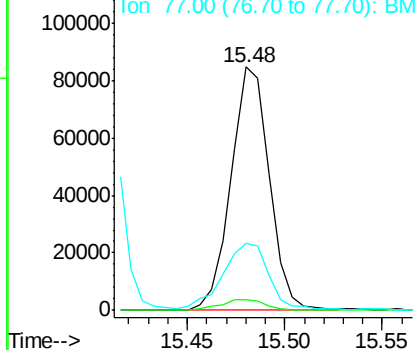
#63  
 4,6-Dinitro-2-methylphenol  
 Concen: 15.995 ng/ul  
 RT: 15.48 min Scan# 2107  
 Delta R.T. -0.00 min  
 Lab File: BM013076.D  
 Acq: 21 Nov 2017 10:38

Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion   | 198  | Resp | 115816 |
|-----------|------|------|--------|
| Ion Ratio | 100  |      |        |
| Lower     | 3.8  |      |        |
| Upper     | 5.6  |      |        |
| 77        | 27.6 | 25.2 | 37.8   |

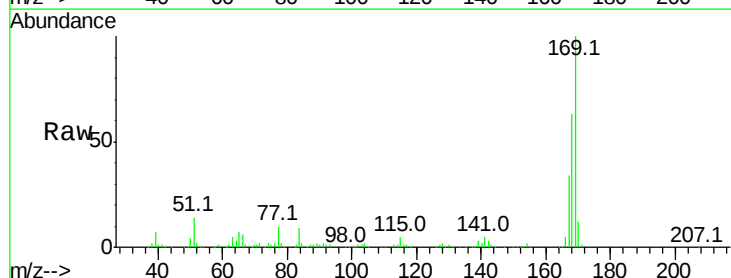


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 77.00 (76.70 to 77.70): BMC

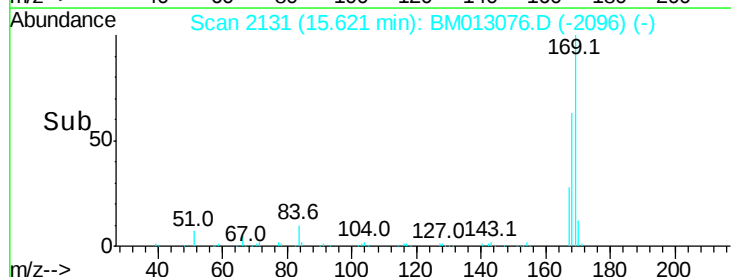
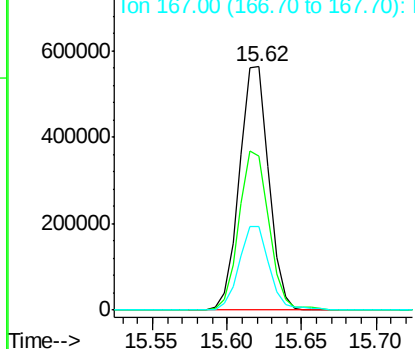


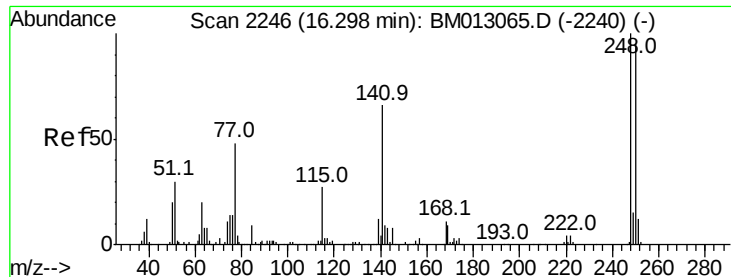
#64  
 N-Nitrosodiphenylamine  
 Concen: 16.011 ng/ul  
 RT: 15.62 min Scan# 2131  
 Delta R.T. 0.01 min  
 Lab File: BM013076.D  
 Acq: 21 Nov 2017 10:38

| Tgt Ion   | 169  | Resp | 772902 |
|-----------|------|------|--------|
| Ion Ratio | 100  |      |        |
| Lower     | 54.0 |      |        |
| Upper     | 81.0 |      |        |
| 168       | 63.3 | 29.1 | 43.7   |
| 167       | 34.4 |      |        |



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

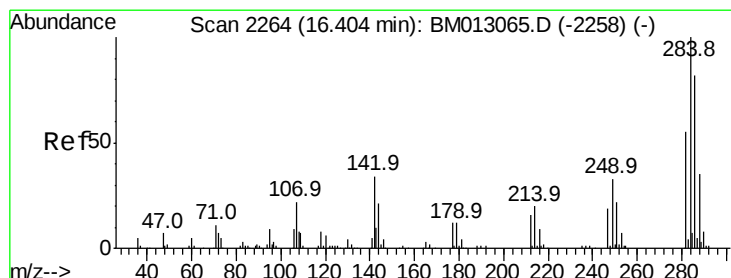
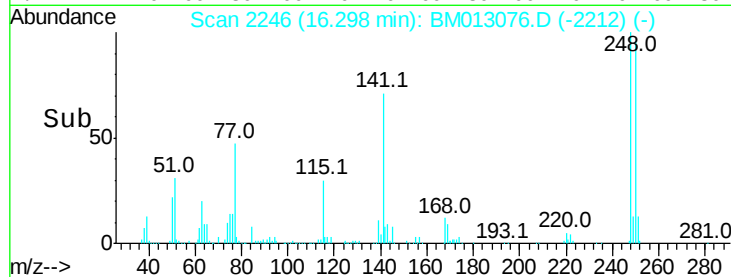
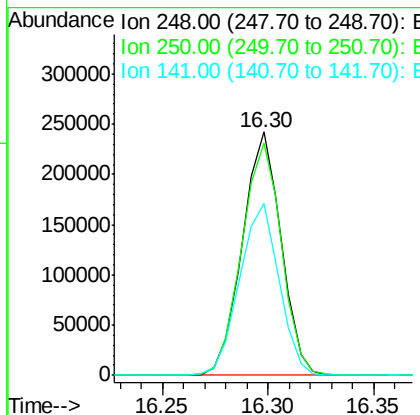
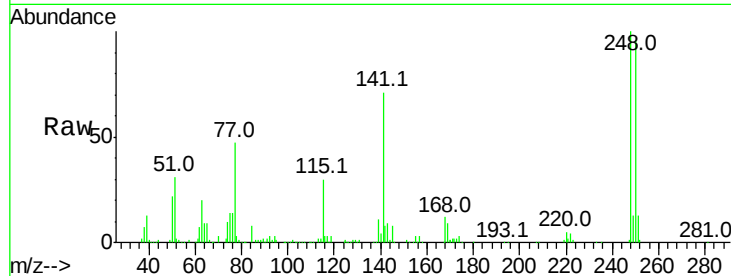




#65  
 4-Bromophenyl-phenylether  
 Concen: 16.617 ng/ul  
 RT: 16.30 min Scan# 2246  
 Delta R.T. -0.00 min  
 Lab File: BM013076.D  
 Acq: 21 Nov 2017 10:38

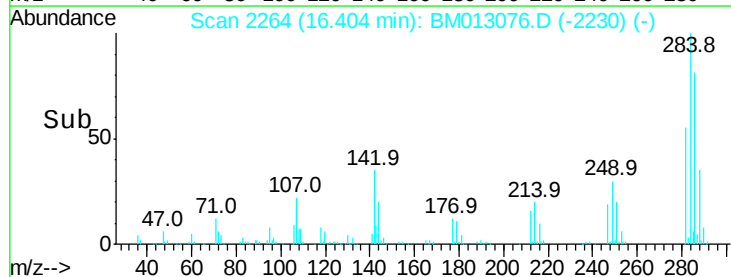
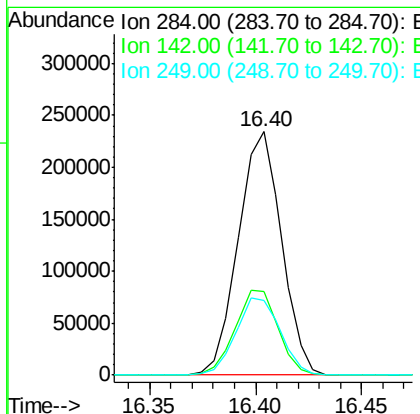
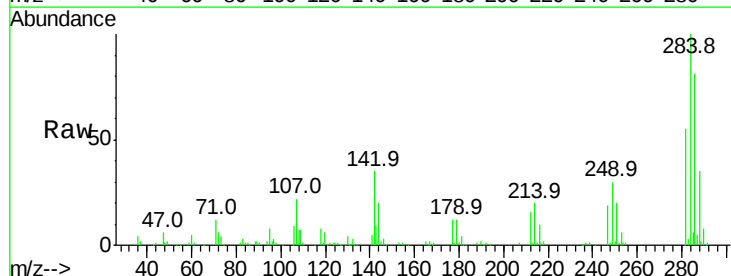
Instrument :  
 BNA\_M  
 ClientSampleId :

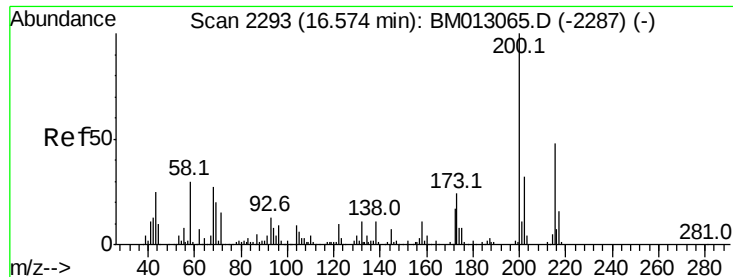
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 95.5  | 80.5  | 120.7 |
| 141     | 70.5  | 53.6  | 80.4  |



#66  
 Hexachlorobenzene  
 Concen: 16.582 ng/ul  
 RT: 16.40 min Scan# 2264  
 Delta R.T. -0.00 min  
 Lab File: BM013076.D  
 Acq: 21 Nov 2017 10:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 34.5  | 21.2  | 31.8# |
| 249     | 30.5  | 24.5  | 36.7  |

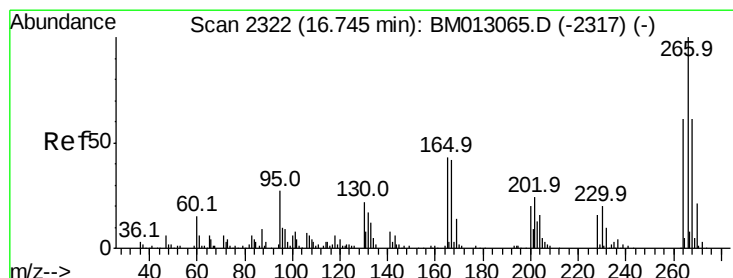
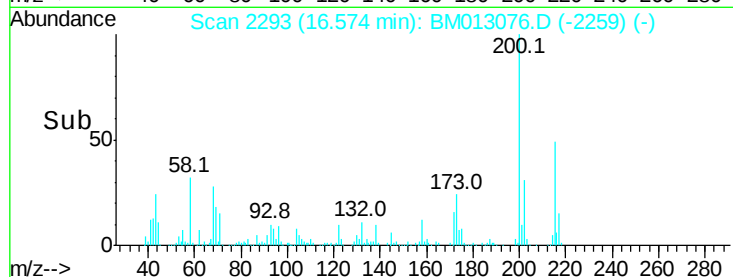
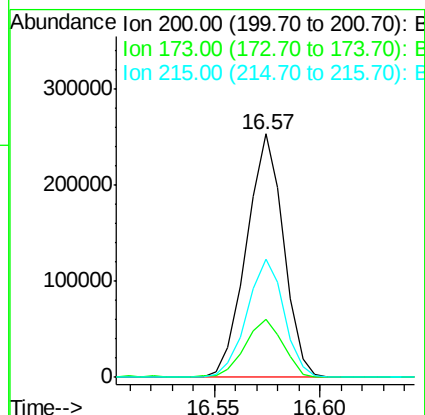
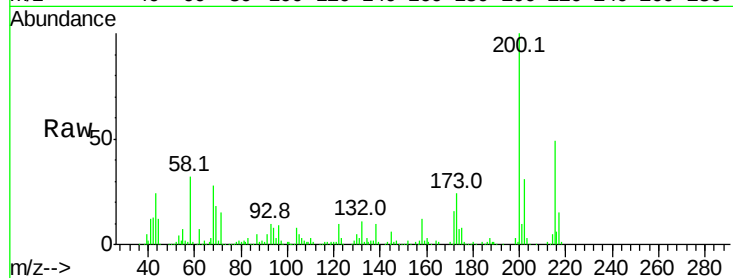




#67  
Atrazine  
Concen: 16.748 ng/ul  
RT: 16.57 min Scan# 2293  
Delta R.T. -0.00 min  
Lab File: BM013076.D  
Acq: 21 Nov 2017 10:38

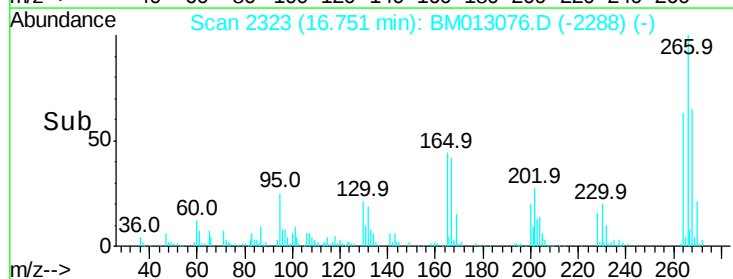
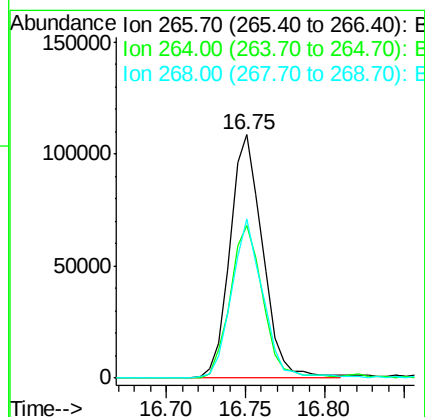
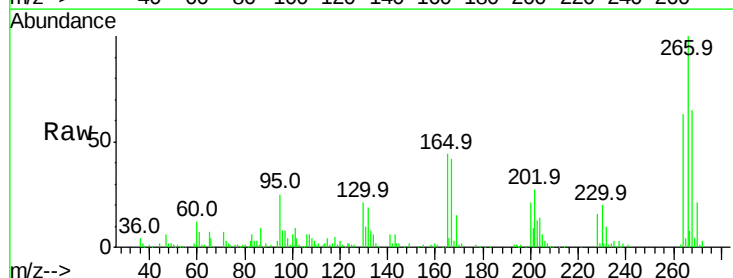
Instrument :  
BNA\_M  
ClientSampleId :

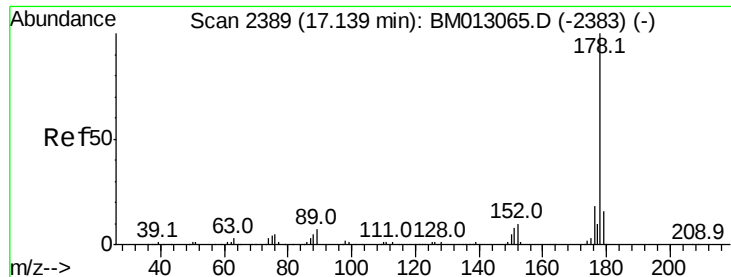
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 24.0  | 18.2  | 27.2  |
| 215     | 48.8  | 35.0  | 52.4  |



#68  
Pentachlorophenol  
Concen: 15.015 ng/ul  
RT: 16.75 min Scan# 2323  
Delta R.T. 0.01 min  
Lab File: BM013076.D  
Acq: 21 Nov 2017 10:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 62.7  | 49.3  | 73.9  |
| 268     | 65.4  | 52.6  | 78.8  |





#69

Phenanthrene

Concen: 16.580 ng/ul

RT: 17.14 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BM013076.D

Acq: 21 Nov 2017 10:38

Instrument :

BNA\_M

ClientSampleId :

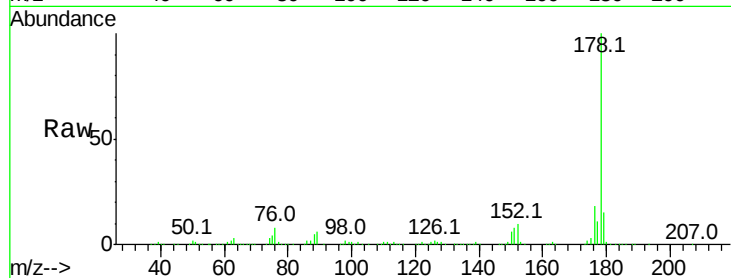
Tot Ion:178 Resp: 1433865

Ion Ratio Lower Upper

178 100

179 14.9 12.6 19.0

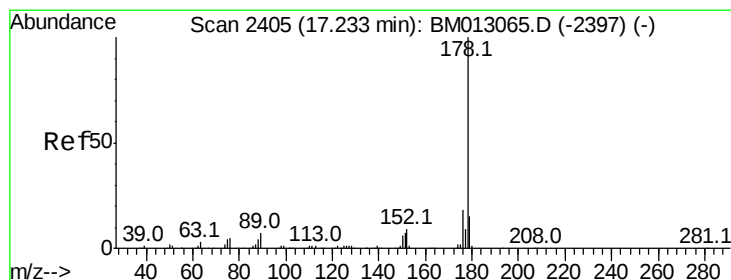
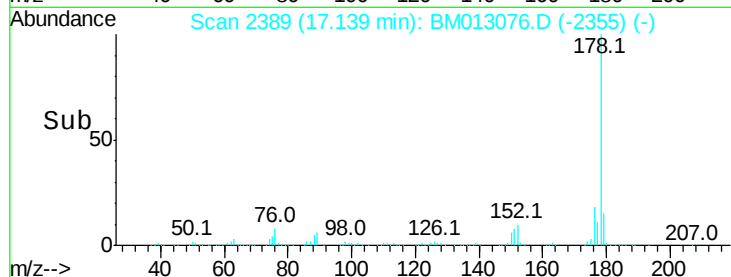
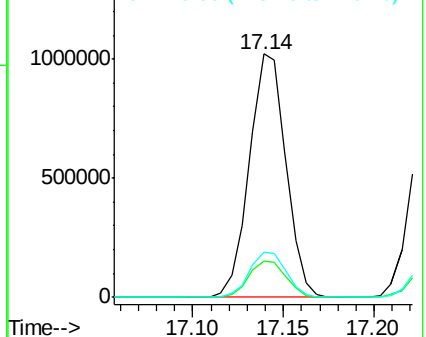
176 18.4 14.9 22.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 16.248 ng/ul

RT: 17.23 min Scan# 2405

Delta R.T. -0.00 min

Lab File: BM013076.D

Acq: 21 Nov 2017 10:38

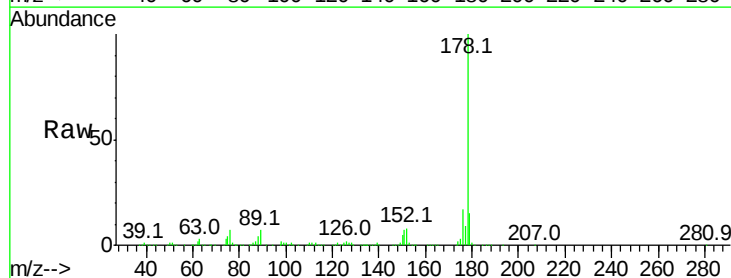
Tgt Ion:178 Resp: 1457975

Ion Ratio Lower Upper

178 100

179 15.3 11.7 17.5

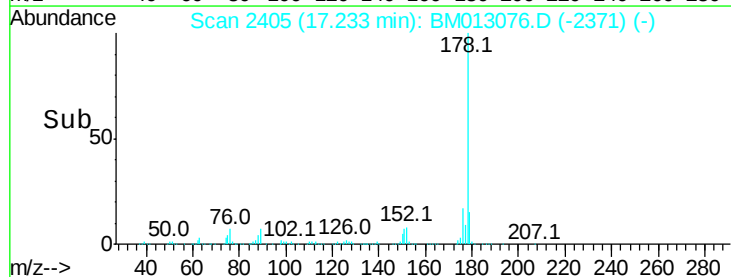
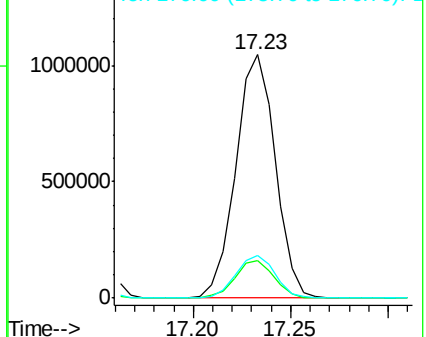
176 17.3 14.6 21.8

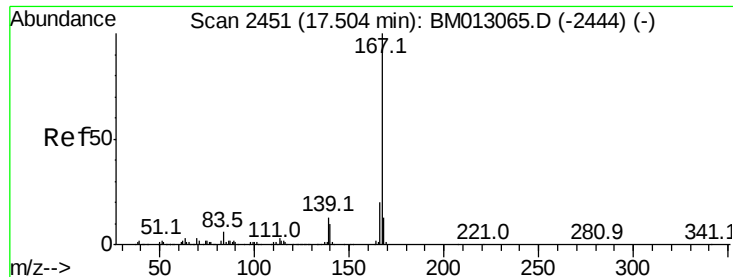


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 15.820 ng/ul

RT: 17.50 min Scan# 2451

Delta R.T. -0.00 min

Lab File: BM013076.D

Acq: 21 Nov 2017 10:38

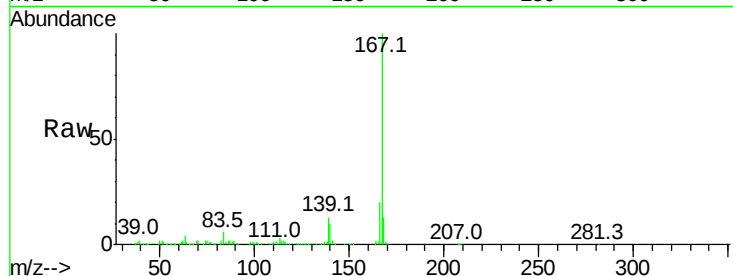
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:167 Resp: 1227601

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 20.4  | 17.1  | 25.7  |
| 139 | 13.1  | 10.0  | 15.0  |

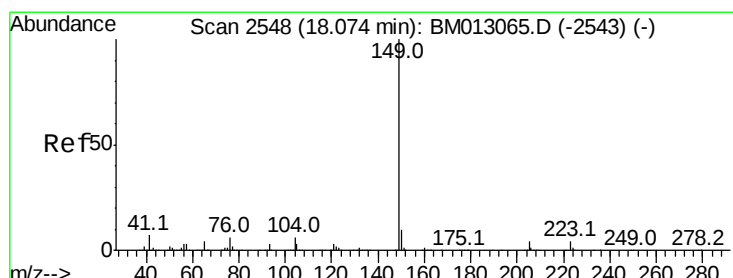
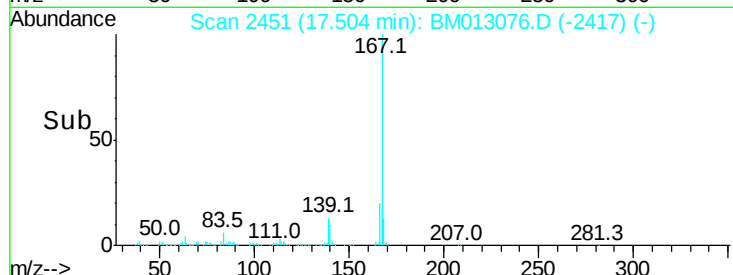
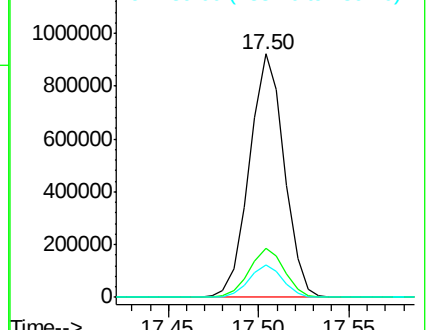


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 15.820 ng/ul

RT: 18.07 min Scan# 2548

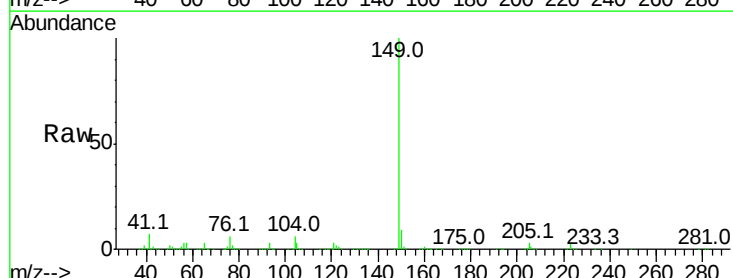
Delta R.T. -0.00 min

Lab File: BM013076.D

Acq: 21 Nov 2017 10:38

Tgt Ion:149 Resp: 1563782

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.3   | 7.1   | 10.7  |
| 104 | 6.0   | 5.6   | 8.4   |

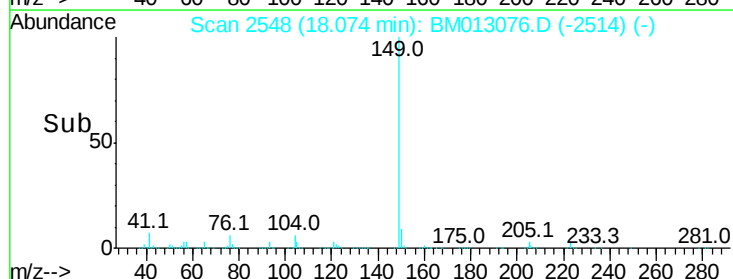
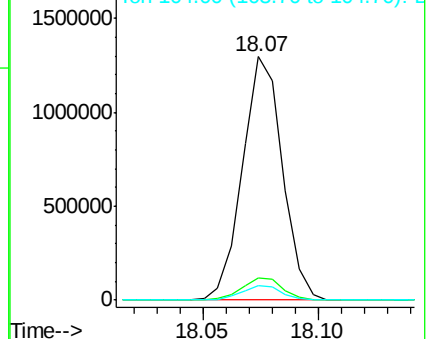


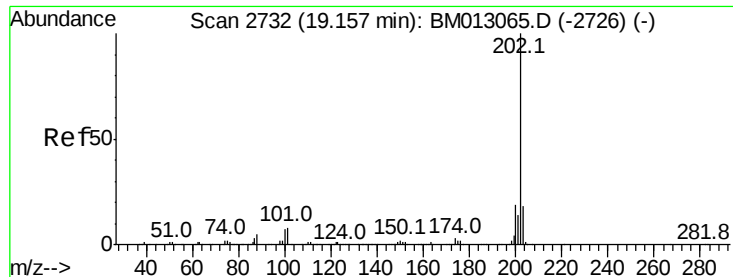
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 15.762 ng/ul

RT: 19.16 min Scan# 2732

Delta R.T. -0.00 min

Lab File: BM013076.D

Acq: 21 Nov 2017 10:38

Instrument :

BNA\_M

ClientSampleId :

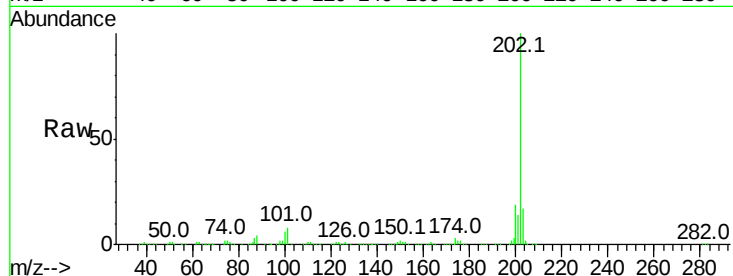
Tot Ion:202 Resp: 1647670

Ion Ratio Lower Upper

202 100

101 7.6 4.6 7.0#

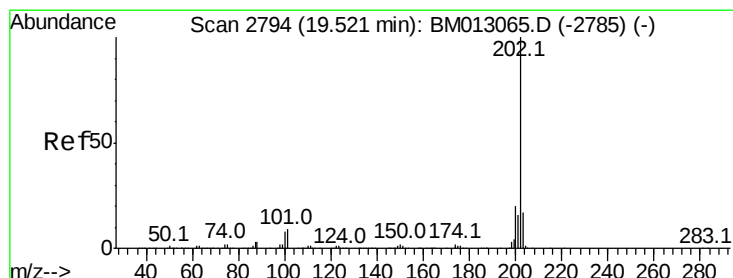
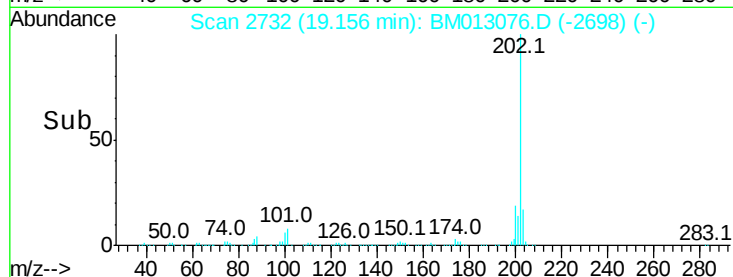
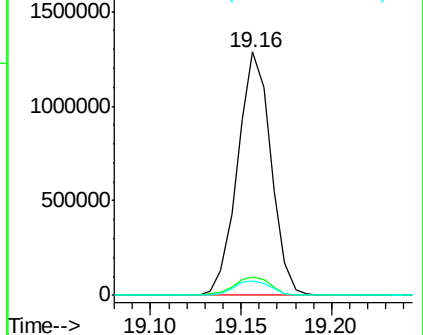
100 5.9 3.4 5.2#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 19.018 ng/ul

RT: 19.52 min Scan# 2794

Delta R.T. -0.00 min

Lab File: BM013076.D

Acq: 21 Nov 2017 10:38

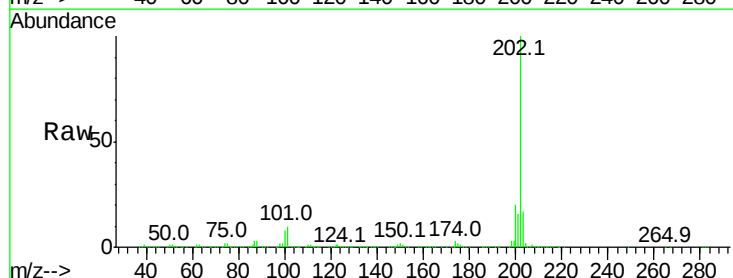
Tgt Ion:202 Resp: 1635864

Ion Ratio Lower Upper

202 100

101 9.9 5.1 7.7#

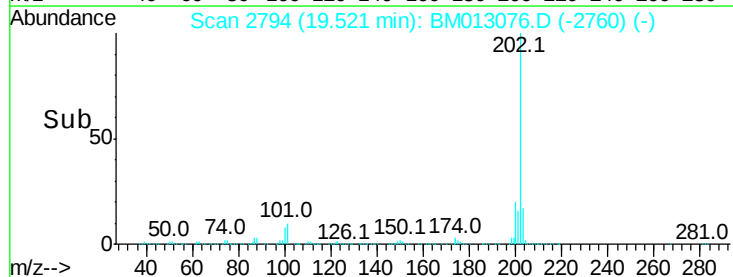
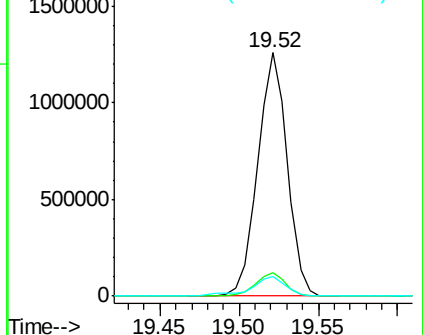
100 7.9 4.9 7.3#

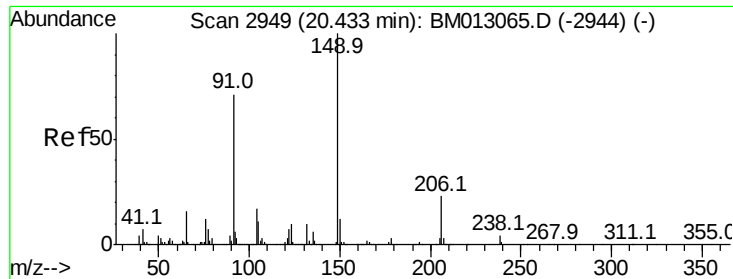


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

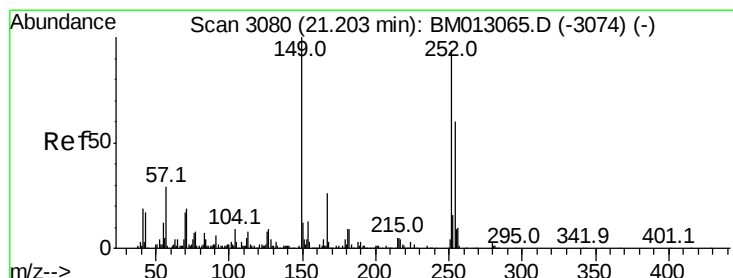
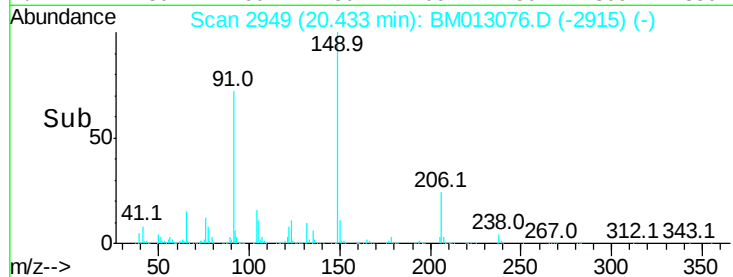
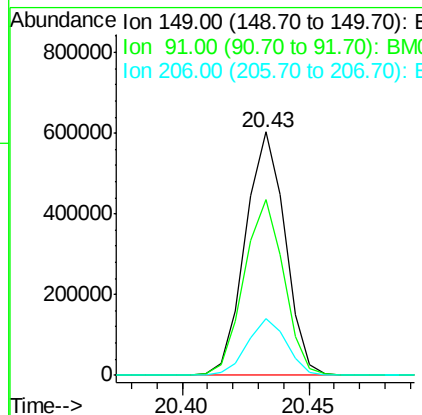
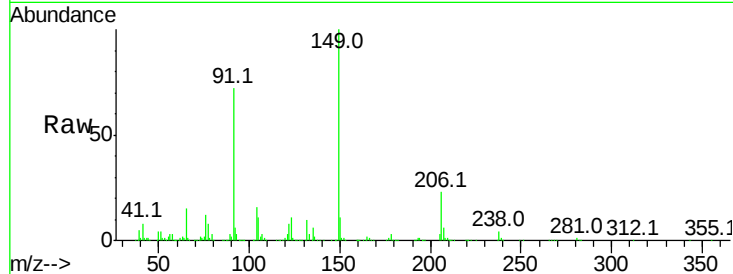




#78  
 Butylbenzylphthalate  
 Concen: 18.433 ng/ul  
 RT: 20.43 min Scan# 2949  
 Delta R.T. -0.00 min  
 Lab File: BM013076.D  
 Acq: 21 Nov 2017 10:38

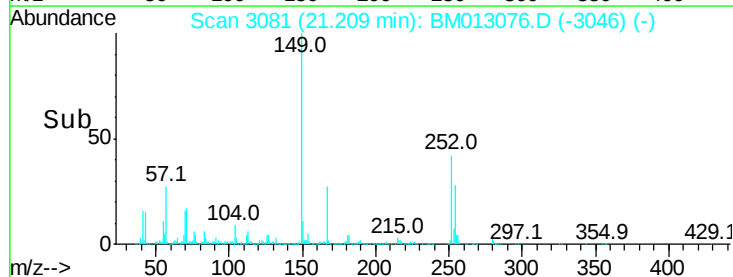
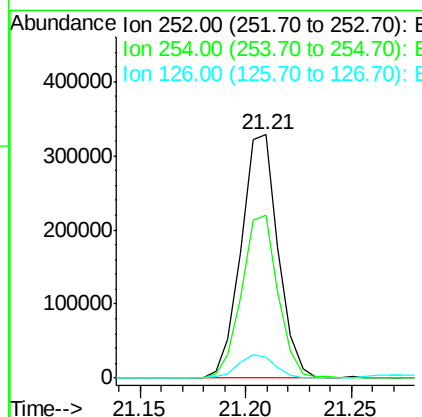
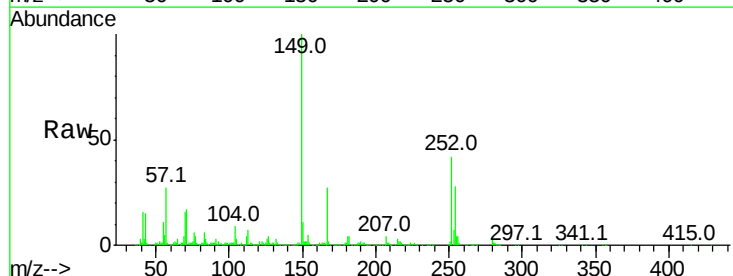
Instrument :  
 BNA\_M  
 ClientSampleId :

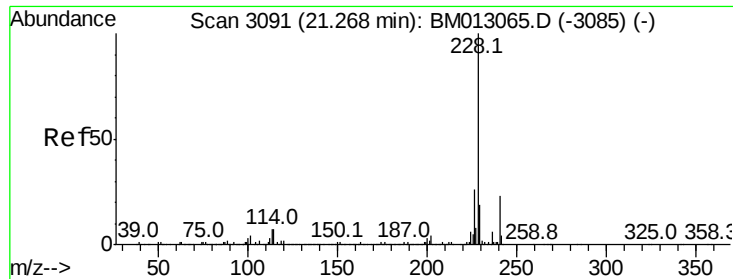
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 72.0  | 62.7  | 94.1  |
| 206     | 23.5  | 20.8  | 31.2  |



#79  
 3,3'-Dichlorobenzidine  
 Concen: 14.102 ng/ul  
 RT: 21.21 min Scan# 3081  
 Delta R.T. 0.01 min  
 Lab File: BM013076.D  
 Acq: 21 Nov 2017 10:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 67.0  | 54.5  | 81.7  |
| 126     | 8.4   | 5.8   | 8.8   |





#80

Benzo(a)anthracene

Concen: 16.227 ng/ul

RT: 21.27 min Scan# 3091

Delta R.T. -0.00 min

Lab File: BM013076.D

Acq: 21 Nov 2017 10:38

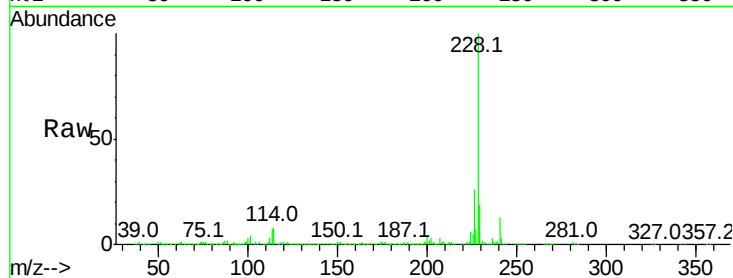
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:228 Resp: 1434598

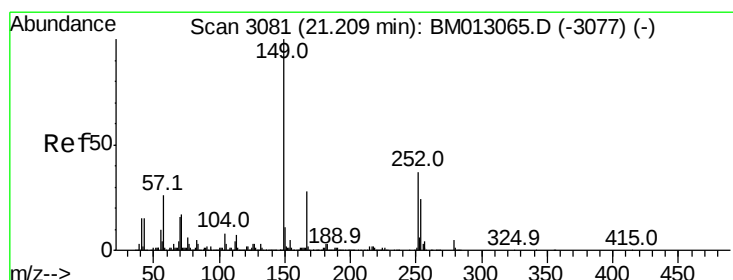
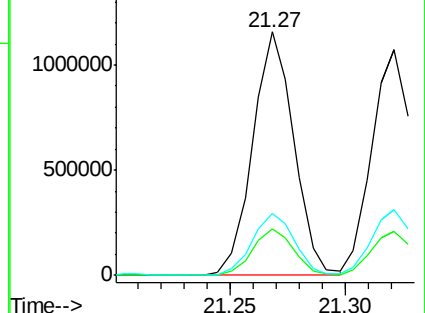
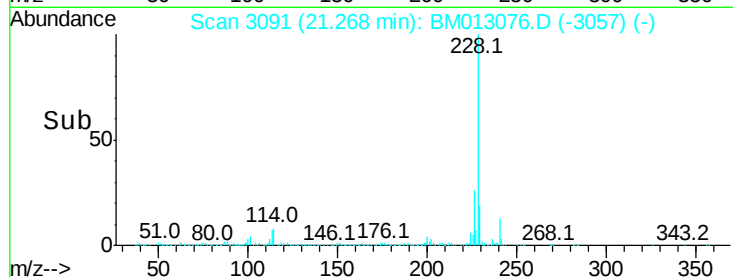
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 229 | 19.2  | 15.4  | 23.0  |
| 226 | 25.5  | 21.4  | 32.0  |



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 17.714 ng/ul

RT: 21.22 min Scan# 3082

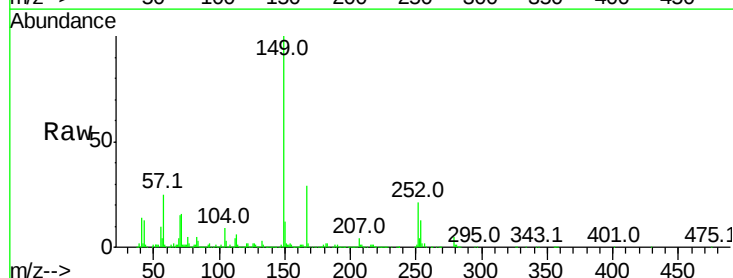
Delta R.T. 0.01 min

Lab File: BM013076.D

Acq: 21 Nov 2017 10:38

Tgt Ion:149 Resp: 933083

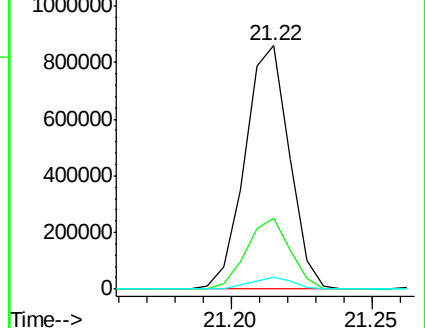
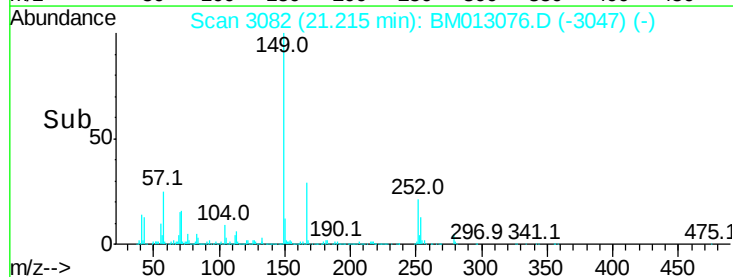
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 29.3  | 22.8  | 34.2  |
| 279 | 5.0   | 4.9   | 7.3   |

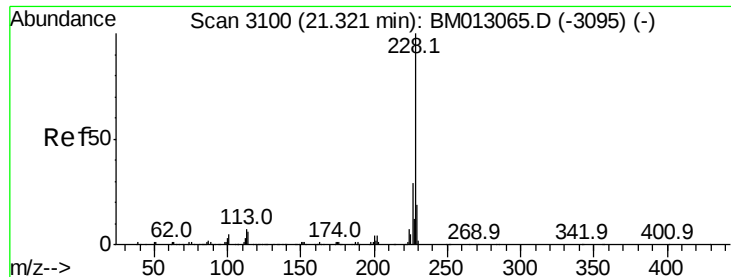


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 15.887 ng/ul

RT: 21.32 min Scan# 3100

Delta R.T. -0.00 min

Lab File: BM013076.D

Acq: 21 Nov 2017 10:38

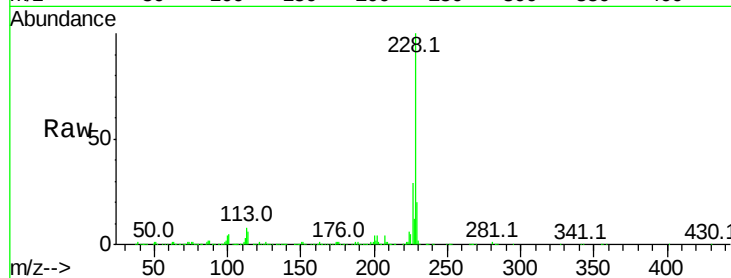
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:228 Resp: 1302476

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.1  | 23.4  | 35.2  |
| 229 | 19.5  | 15.5  | 23.3  |

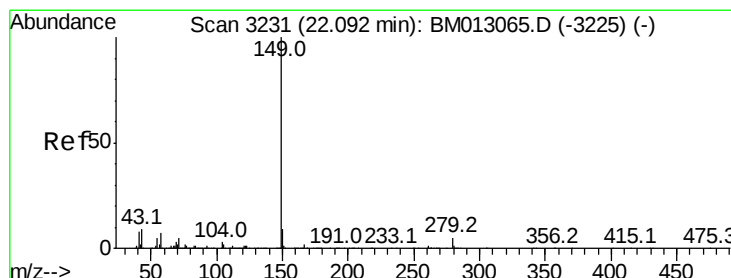
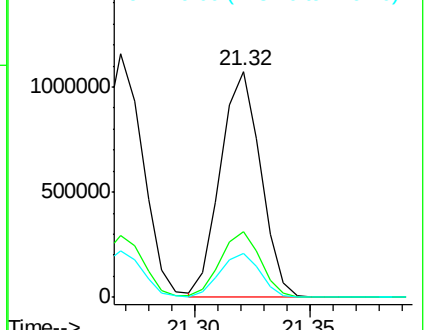
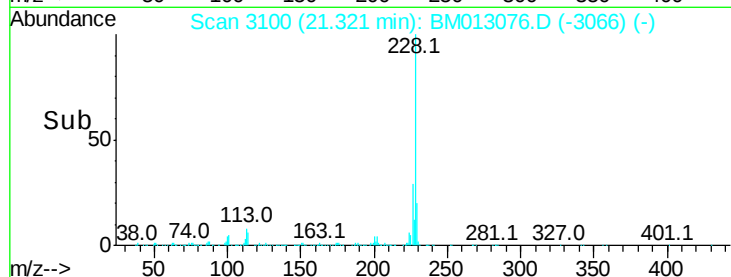


Abundance

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



#84

Di-n-octyl phthalate

Concen: 20.218 ng/ul

RT: 22.09 min Scan# 3231

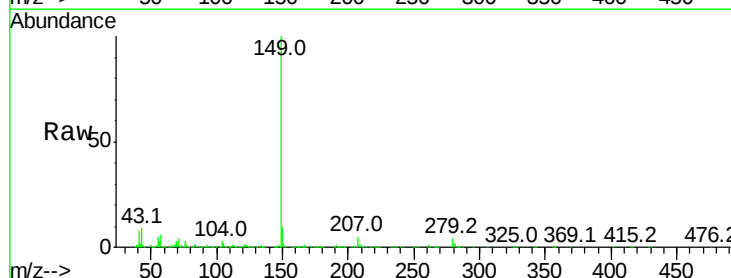
Delta R.T. -0.00 min

Lab File: BM013076.D

Acq: 21 Nov 2017 10:38

Tgt Ion:149 Resp: 1409223

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 1.4   | 1.3   | 1.9   |
| 43  | 9.2   | 7.3   | 10.9  |

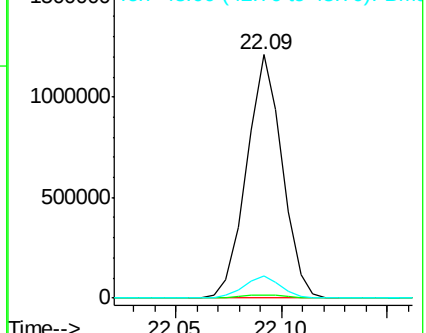
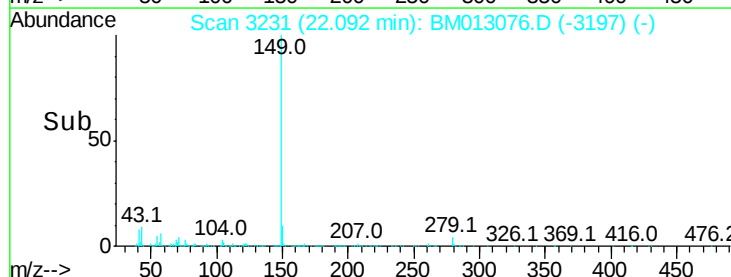


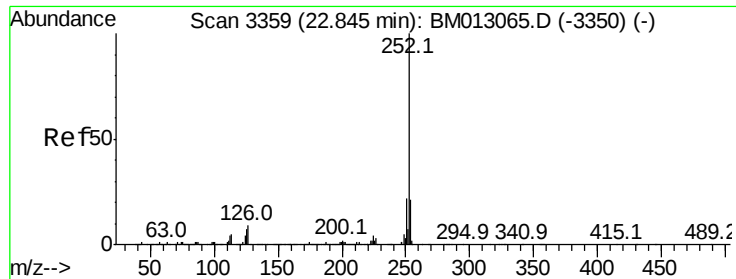
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0





#85

Benzo(b)fluoranthene

Concen: 17.393 ng/ul

RT: 22.84 min Scan# 3359

Delta R.T. -0.00 min

Lab File: BM013076.D

Acq: 21 Nov 2017 10:38

Instrument :

BNA\_M

ClientSampled :

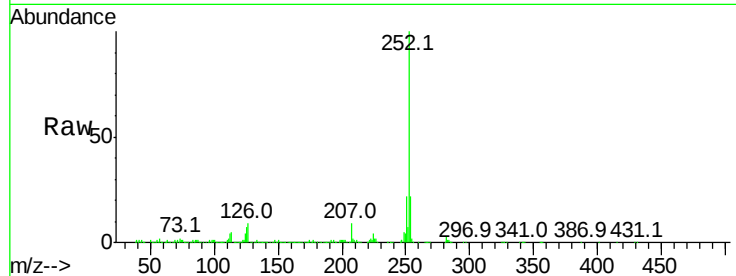
Tot Ion:252 Resp: 1188917

Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

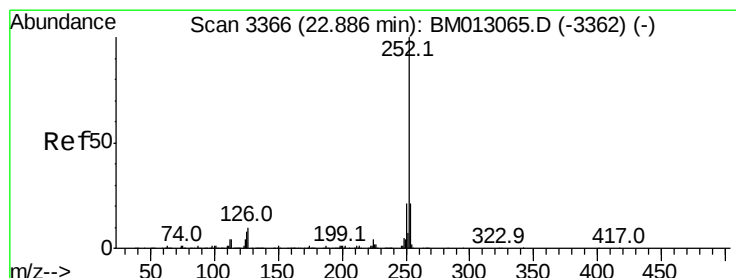
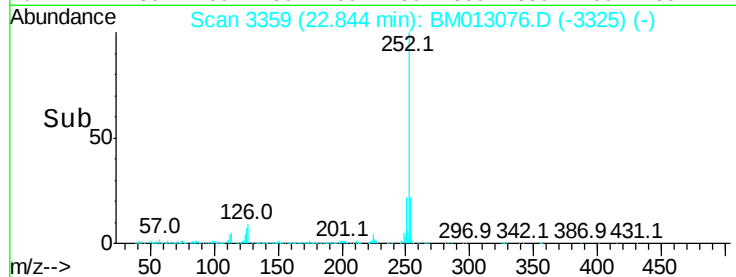
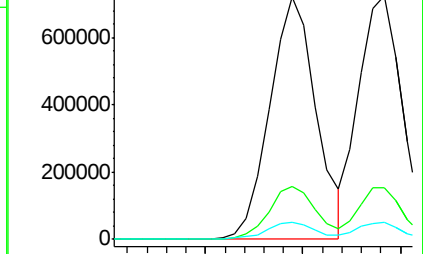
125 7.0 3.6 5.4#



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



#86

Benzo(k)fluoranthene

Concen: 17.740 ng/ul

RT: 22.89 min Scan# 3367

Delta R.T. 0.01 min

Lab File: BM013076.D

Acq: 21 Nov 2017 10:38

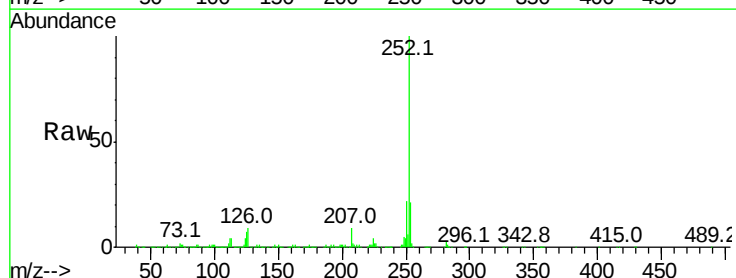
Tgt Ion:252 Resp: 1116445

Ion Ratio Lower Upper

252 100

253 21.0 17.1 25.7

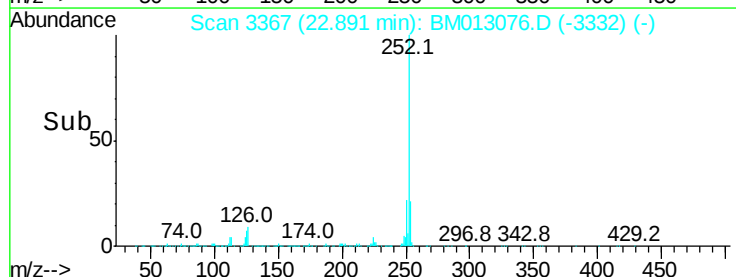
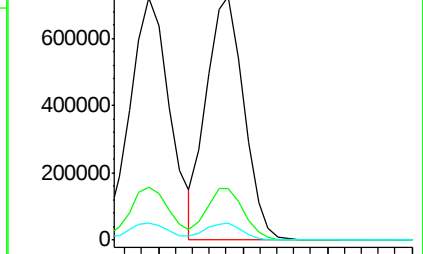
125 6.9 3.4 5.2#

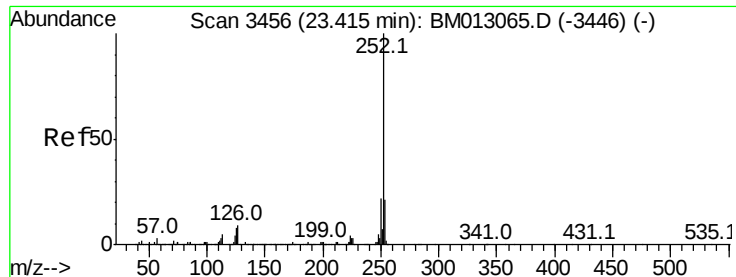


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 16.609 ng/ul

RT: 23.41 min Scan# 3456

Delta R.T. -0.00 min

Lab File: BM013076.D

Acq: 21 Nov 2017 10:38

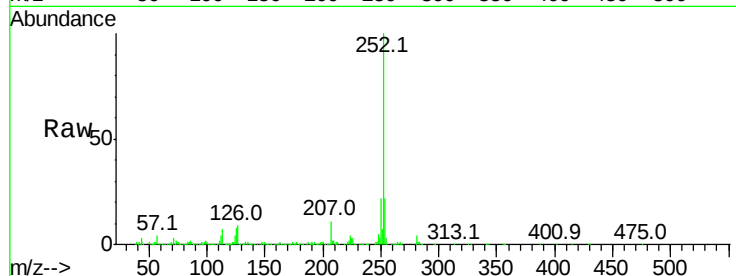
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:252 Resp: 1057289

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.5  | 18.2  | 27.2  |
| 125 | 8.2   | 4.0   | 6.0   |

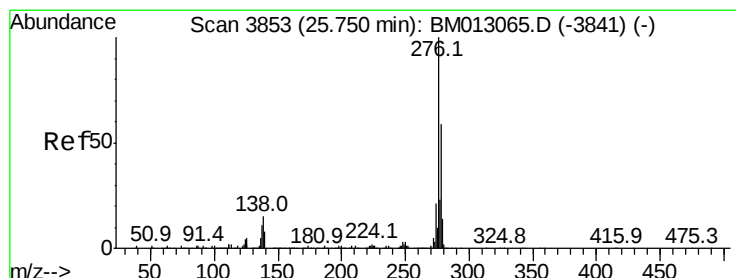
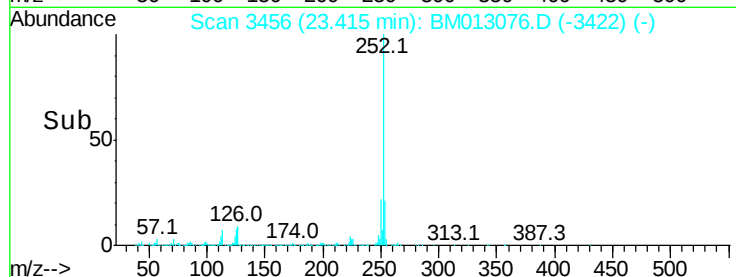
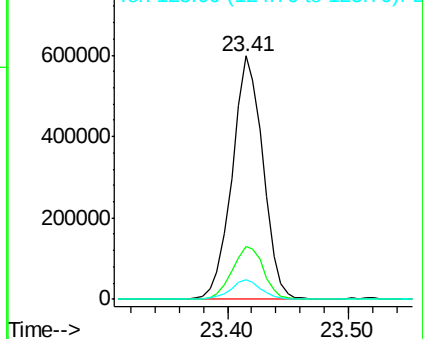


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Indeno(1,2,3-cd)pyrene

Concen: 15.133 ng/ul

RT: 25.76 min Scan# 3854

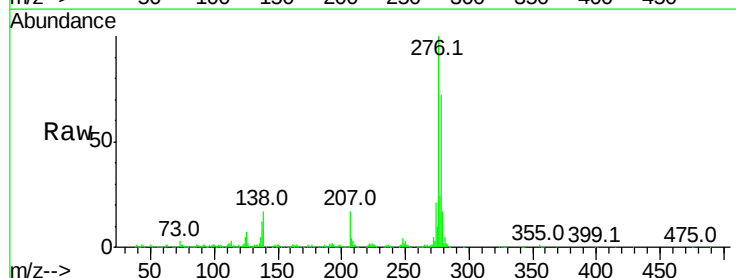
Delta R.T. 0.01 min

Lab File: BM013076.D

Acq: 21 Nov 2017 10:38

Tgt Ion:276 Resp: 1125294

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 17.5  | 9.3   | 13.9  |
| 277 | 24.0  | 19.9  | 29.9  |

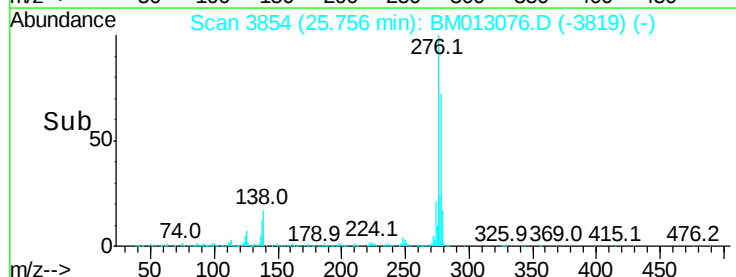
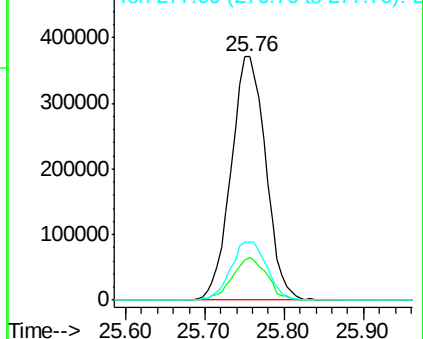


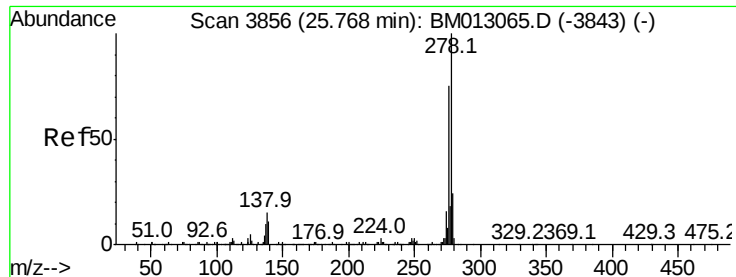
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 14.877 ng/ul

RT: 25.77 min Scan# 3856

Delta R.T. -0.00 min

Lab File: BM013076.D

Acq: 21 Nov 2017 10:38

Instrument :

BNA\_M

ClientSampleId :

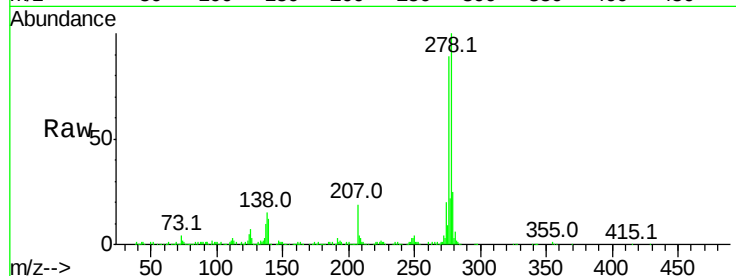
Tot Ion:278 Resp: 937126

Ion Ratio Lower Upper

278 100

139 11.8 5.8 8.8#

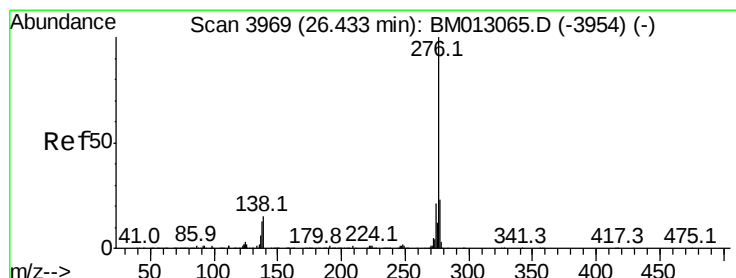
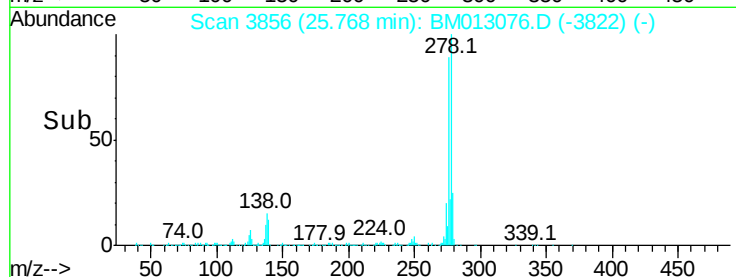
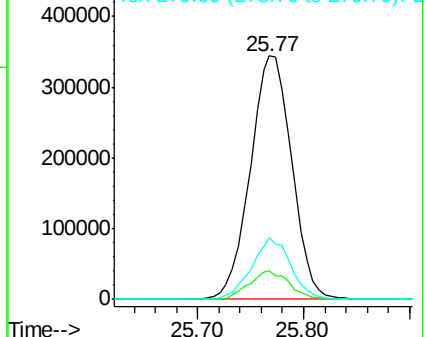
279 25.5 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 14.815 ng/ul

RT: 26.44 min Scan# 3970

Delta R.T. 0.01 min

Lab File: BM013076.D

Acq: 21 Nov 2017 10:38

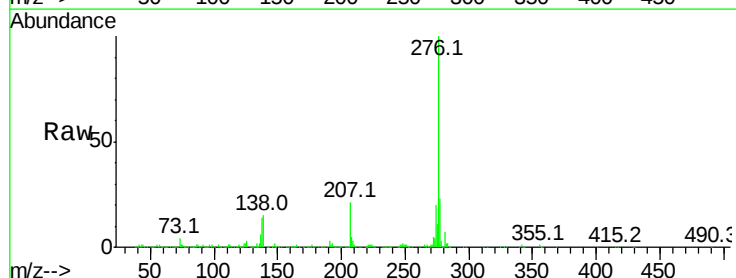
Tgt Ion:276 Resp: 915314

Ion Ratio Lower Upper

276 100

138 14.5 8.5 12.7#

277 22.8 18.6 28.0



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

