

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101217\  
 Data File : BM012115.D  
 Acq On : 13 Oct 2017 01:03  
 Operator : SJ/JU  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Oct 13 03:09:09 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 13 03:06:26 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.83  | 152  | 219971   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.63 | 136  | 936434   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.48 | 164  | 564440   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.23 | 188  | 1290149  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.40 | 240  | 1371875  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.71 | 264  | 1287783  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.25  | 96  | 37490   | 8.10  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.99  | 99  | 343504  | 19.25 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.16  | 67  | 209153  | 19.54 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.36  | 132 | 298011  | 19.69 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.54  | 113 | 303846  | 19.77 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.00  | 128 | 139836  | 19.57 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.72  | 143 | 165163  | 19.78 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.26 | 165 | 315045  | 19.76 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.77 | 131 | 311713  | 20.89 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.89 | 166 | 990808  | 19.86 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.17 | 160 | 1199851 | 19.87 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.69 | 143 | 136595  | 18.21 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.47 | 176 | 805766  | 19.68 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.60 | 200 | 163928  | 18.51 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.32 | 188 | 1251562 | 19.62 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.62 | 212 | 1401630 | 20.13 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.57 | 264 | 1243707 | 20.03 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |        | Ovalue |     |
|--------------------------------|-------|-----|--------|--------|--------|-----|
| 2) 1,4-Dioxane                 | 3.28  | 88  | 37490  | 7.937  | ng/uL# | 68  |
| 4) Benzaldehyde                | 6.97  | 77  | 235121 | 19.715 | ng/ul  | 94  |
| 6) Phenol                      | 7.02  | 94  | 354338 | 19.205 | ng/ul# | 83  |
| 8) Bis(2-Chloroethyl)ether     | 7.25  | 93  | 273837 | 19.476 | ng/ul  | 94  |
| 10) 2-Chlorophenol             | 7.39  | 128 | 304034 | 19.678 | ng/ul  | 97  |
| 11) 2-Methylphenol             | 8.27  | 108 | 268323 | 19.336 | ng/ul  | 99  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.36  | 45  | 353751 | 19.815 | ng/ul# | 86  |
| 14) Acetophenone               | 8.66  | 105 | 455481 | 19.504 | ng/ul  | 91  |
| 15) N-Nitroso-di-n-propylamine | 8.64  | 70  | 246497 | 19.695 | ng/ul# | 69  |
| 16) 4-Methylphenol             | 8.60  | 108 | 301606 | 19.724 | ng/ul  | 94  |
| 17) Hexachloroethane           | 8.90  | 117 | 127589 | 19.570 | ng/ul  | 82  |
| 20) Nitrobenzene               | 9.04  | 77  | 353900 | 19.932 | ng/ul  | 93  |
| 21) Isophorone                 | 9.56  | 82  | 653043 | 19.687 | ng/ul# | 93  |
| 23) 2-Nitrophenol              | 9.75  | 139 | 175766 | 19.629 | ng/ul# | 78  |
| 24) 2,4-Dimethylphenol         | 9.80  | 107 | 357194 | 19.793 | ng/ul# | 86  |
| 25) Bis(2-Chloroethoxy)methane | 10.04 | 93  | 388190 | 19.958 | ng/ul  | 96  |
| 27) 2,4-Dichlorophenol         | 10.28 | 162 | 310325 | 19.761 | ng/ul# | 91  |
| 28) Naphthalene                | 10.68 | 128 | 957708 | 19.767 | ng/ul  | 100 |
| 30) 4-Chloroaniline            | 10.80 | 127 | 306955 | 20.921 | ng/ul  | 96  |
| 31) Hexachlorobutadiene        | 10.96 | 225 | 222635 | 19.128 | ng/ul  | 94  |
| 32) Caprolactam                | 11.59 | 113 | 98844  | 19.937 | ng/ul# | 42  |
| 33) 4-Chloro-3-methylphenol    | 11.92 | 107 | 322899 | 19.625 | ng/ul  | 94  |
| 34) 2-Methylnaphthalene        | 12.30 | 142 | 718605 | 19.655 | ng/ul  | 96  |

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 Operator : SJ/JU  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

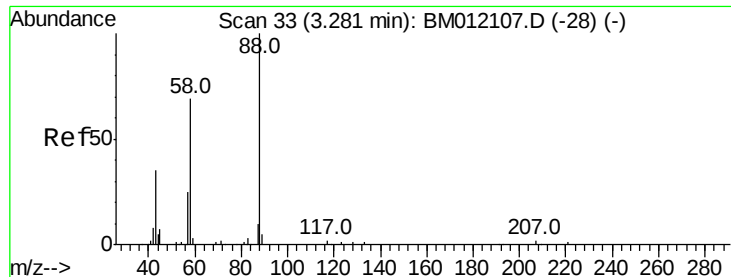
Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Oct 13 03:09:09 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 13 03:06:26 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.66 | 216  | 403029   | 19.670 | ng/ul  | 96       |
| 37) Hexachlorocyclopentadiene  | 12.63 | 237  | 144527   | 15.826 | ng/ul  | 99       |
| 38) 2,4,6-Trichlorophenol      | 12.91 | 196  | 266776   | 19.637 | ng/ul  | 97       |
| 39) 2,4,5-Trichlorophenol      | 12.99 | 196  | 267117   | 19.106 | ng/ul  | 99       |
| 40) 1,1'-Biphenyl              | 13.31 | 154  | 942123   | 19.777 | ng/ul  | 98       |
| 41) 2-Chloronaphthalene        | 13.36 | 162  | 739827   | 19.793 | ng/ul  | 97       |
| 42) 2-Nitroaniline             | 13.57 | 65   | 201679   | 19.392 | ng/ul  | 90       |
| 44) Dimethylphthalate          | 13.93 | 163  | 979919   | 19.606 | ng/ul  | 99       |
| 45) 2,6-Dinitrotoluene         | 14.06 | 165  | 194629   | 19.619 | ng/ul  | 92       |
| 47) Acenaphthylene             | 14.20 | 152  | 1180439  | 19.907 | ng/ul  | 99       |
| 48) 3-Nitroaniline             | 14.39 | 138  | 150885   | 19.548 | ng/ul  | 91       |
| 49) Acenaphthene               | 14.55 | 153  | 791849   | 19.825 | ng/ul  | 99       |
| 50) 2,4-Dinitrophenol          | 14.61 | 184  | 98670    | 17.515 | ng/ul  | 95       |
| 52) 4-Nitrophenol              | 14.70 | 109  | 128677   | 19.091 | ng/ul# | 78       |
| 53) Dibenzofuran               | 14.88 | 168  | 1136328  | 19.758 | ng/ul  | 98       |
| 54) 2,4-Dinitrotoluene         | 14.86 | 165  | 285144   | 19.831 | ng/ul# | 85       |
| 55) 2,3,4,6-Tetrachlorophenol  | 15.11 | 232  | 251535   | 19.660 | ng/ul  | 91       |
| 56) Diethylphthalate           | 15.29 | 149  | 995097   | 18.419 | ng/ul  | 95       |
| 58) Fluorene                   | 15.53 | 166  | 939189   | 19.663 | ng/ul  | 99       |
| 59) 4-Chlorophenyl-phenylether | 15.52 | 204  | 487499   | 19.429 | ng/ul  | 95       |
| 60) 4-Nitroaniline             | 15.56 | 138  | 181883   | 19.084 | ng/ul  | 95       |
| 63) 4,6-Dinitro-2-methylphenol | 15.62 | 198  | 171423   | 18.339 | ng/ul# | 90       |
| 64) N-Nitrosodiphenylamine     | 15.73 | 169  | 802887   | 19.882 | ng/ul  | 99       |
| 65) 4-Bromophenyl-phenylether  | 16.42 | 248  | 305442   | 19.778 | ng/ul  | 99       |
| 66) Hexachlorobenzene          | 16.53 | 284  | 345592   | 19.753 | ng/ul# | 93       |
| 67) Atrazine                   | 16.68 | 200  | 324686   | 19.229 | ng/ul  | 95       |
| 68) Pentachlorophenol          | 16.87 | 266  | 185314   | 18.991 | ng/ul  | 99       |
| 69) Phenanthrene               | 17.27 | 178  | 1439391  | 19.612 | ng/ul  | 98       |
| 71) Anthracene                 | 17.36 | 178  | 1499367  | 19.733 | ng/ul  | 99       |
| 72) Carbazole                  | 17.63 | 167  | 1255280  | 19.521 | ng/ul  | 99       |
| 73) Di-n-butylphthalate        | 18.18 | 149  | 1688907  | 18.917 | ng/ul# | 97       |
| 74) Fluoranthene               | 19.28 | 202  | 1716528  | 19.380 | ng/ul# | 90       |
| 77) Pyrene                     | 19.64 | 202  | 1792094  | 19.780 | ng/ul# | 88       |
| 78) Butylbenzylphthalate       | 20.53 | 149  | 790319   | 19.596 | ng/ul# | 90       |
| 79) 3,3'-Dichlorobenzidine     | 21.32 | 252  | 509286   | 18.653 | ng/ul# | 95       |
| 80) Benzo(a)anthracene         | 21.39 | 228  | 1729184  | 19.371 | ng/ul  | 100      |
| 81) Bis(2-ethylhexyl)phthalate | 21.30 | 149  | 1163978  | 19.234 | ng/ul# | 96       |
| 82) Chrysene                   | 21.44 | 228  | 1589060  | 18.960 | ng/ul  | 98       |
| 84) Di-n-octyl phthalate       | 22.19 | 149  | 1913488  | 20.324 | ng/ul  | 99       |
| 85) Benzo(b)fluoranthene       | 23.02 | 252  | 1612396  | 19.186 | ng/ul# | 97       |
| 86) Benzo(k)fluoranthene       | 23.06 | 252  | 1649427  | 20.367 | ng/ul# | 97       |
| 88) Benzo(a)pyrene             | 23.61 | 252  | 1550726  | 19.578 | ng/ul# | 96       |
| 89) Indeno(1,2,3-cd)pyrene     | 26.08 | 276  | 1660710  | 19.744 | ng/ul# | 91       |
| 90) Dibenzo(a,h)anthracene     | 26.09 | 278  | 1382618  | 19.554 | ng/ul# | 96       |
| 91) Benzo(g,h,i)perylene       | 26.81 | 276  | 1365805  | 19.825 | ng/ul# | 95       |

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





#2

1,4-Dioxane

Concen: 7.937 ng/uL

RT: 3.28 min Scan# 33

Delta R.T. 0.00 min

Lab File: BM012115.D

Acq: 13 Oct 2017 01:03

Instrument :

BNA\_M

ClientSampleId :

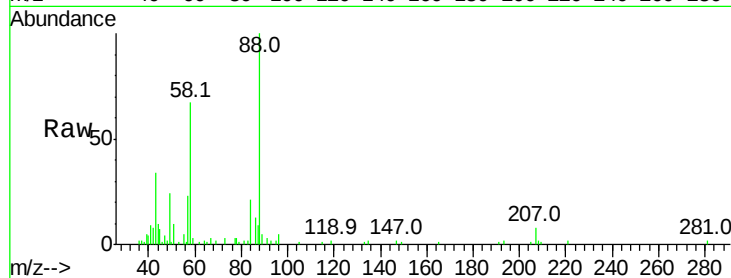
Tot Ion: 88 Resp: 37490

Ion Ratio Lower Upper

88 100

43 32.2 48.0 72.0#

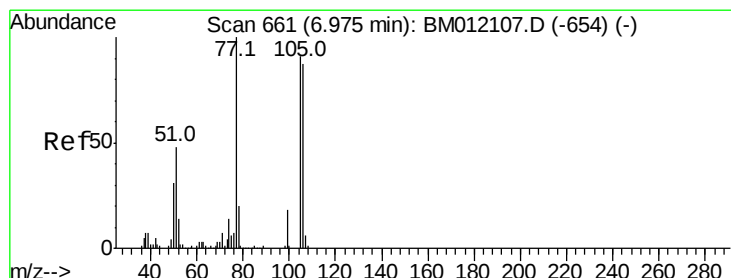
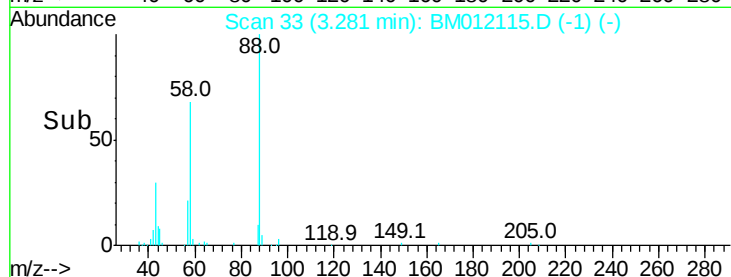
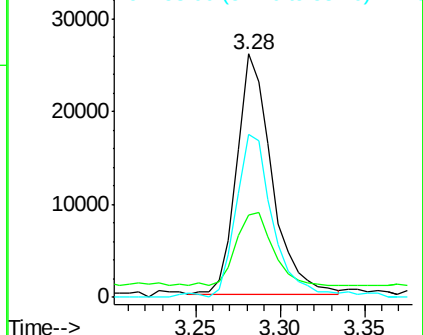
58 70.5 80.0 120.0#



Abundance Ion 88.00 (87.70 to 88.70): BM012107.D (-28) (-)

Ion 43.00 (42.70 to 43.70): BM012107.D (-28) (-)

Ion 58.00 (57.70 to 58.70): BM012107.D (-28) (-)



#4

Benzaldehyde

Concen: 19.715 ng/uL

RT: 6.97 min Scan# 661

Delta R.T. 0.00 min

Lab File: BM012115.D

Acq: 13 Oct 2017 01:03

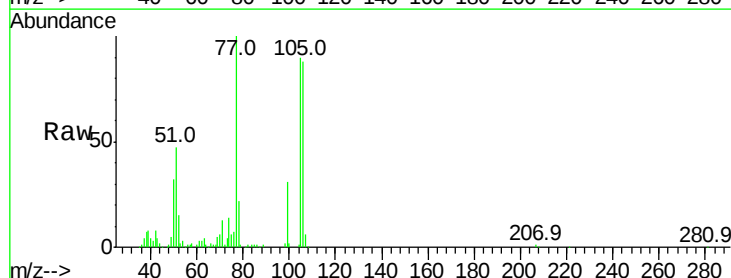
Tgt Ion: 77 Resp: 235121

Ion Ratio Lower Upper

77 100

105 89.6 66.1 99.1

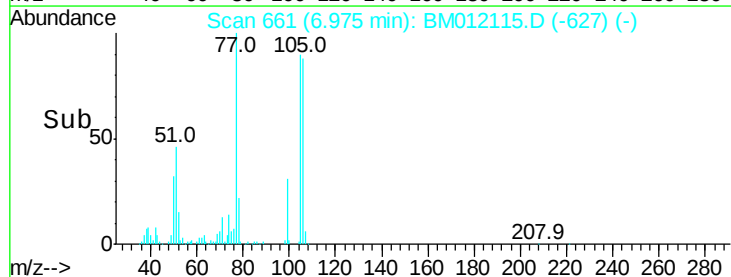
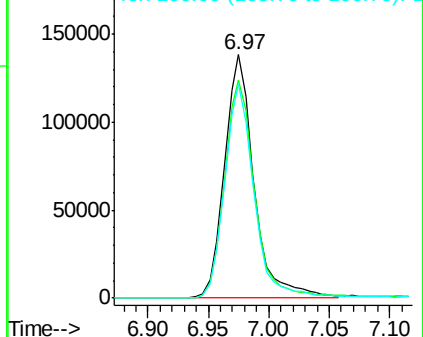
106 87.9 67.8 101.6

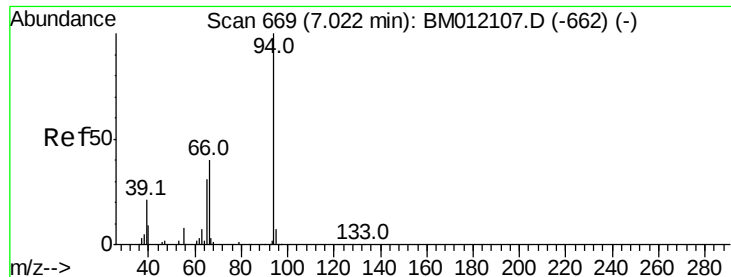


Abundance Ion 77.00 (76.70 to 77.70): BM012107.D (-654) (-)

Ion 105.00 (104.70 to 105.70): BM012107.D (-654) (-)

Ion 106.00 (105.70 to 106.70): BM012107.D (-654) (-)





#6

Phenol

Concen: 19.205 ng/ul

RT: 7.02 min Scan# 669

Delta R.T. 0.00 min

Lab File: BM012115.D

Acq: 13 Oct 2017 01:03

Instrument :

BNA\_M

ClientSampleId :

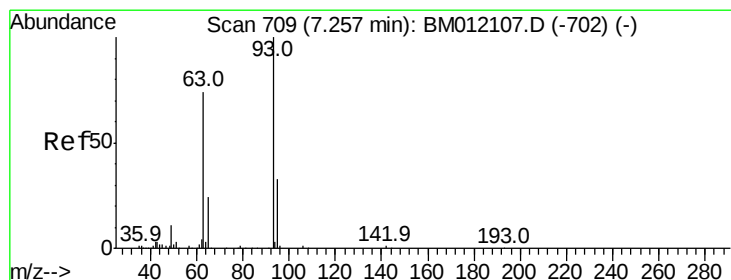
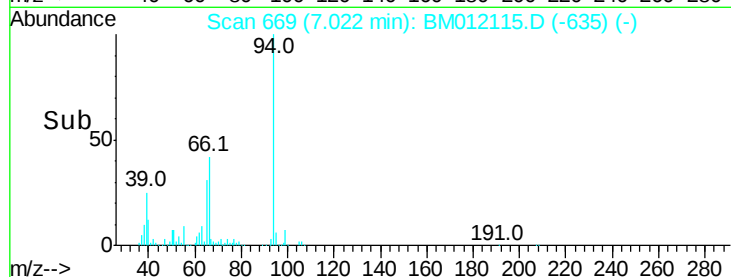
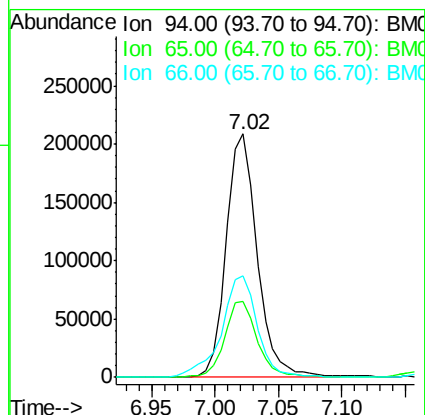
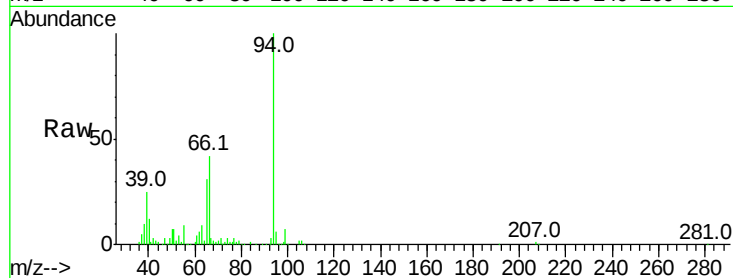
Tot Ion: 94 Resp: 354338

Ion Ratio Lower Upper

94 100

65 31.1 28.2 42.4

66 41.6 47.2 70.8#



#8

Bis(2-Chloroethyl)ether

Concen: 19.476 ng/ul

RT: 7.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BM012115.D

Acq: 13 Oct 2017 01:03

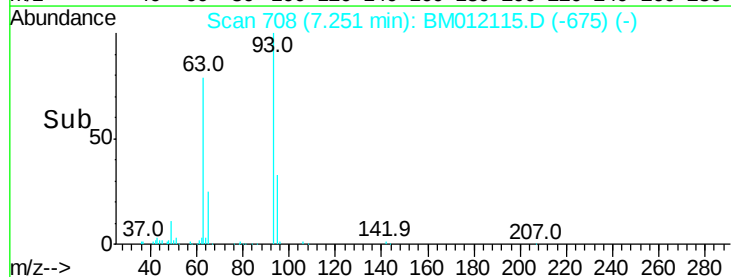
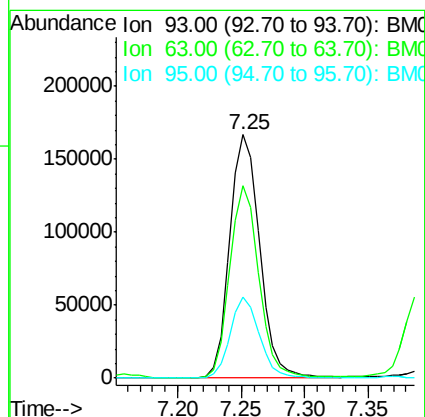
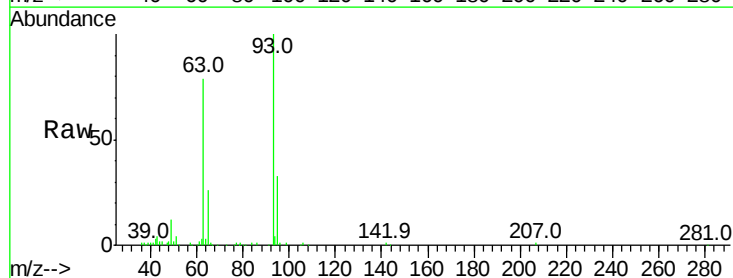
Tgt Ion: 93 Resp: 273837

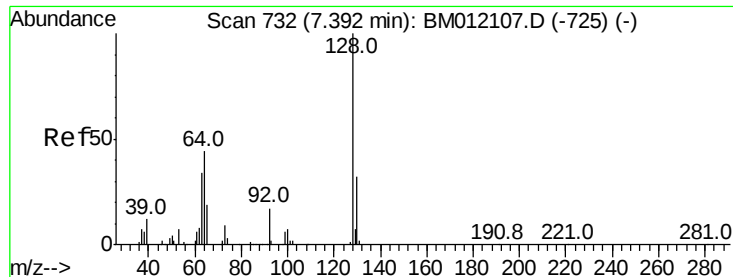
Ion Ratio Lower Upper

93 100

63 78.9 57.3 85.9

95 33.4 26.6 39.8

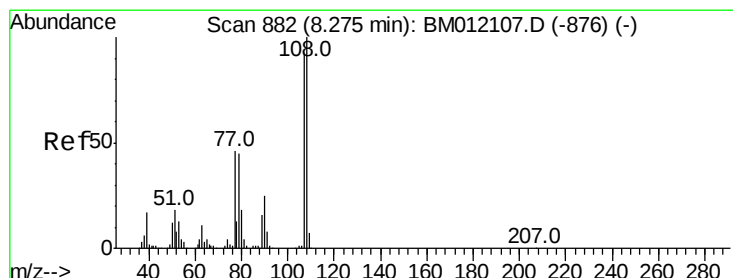
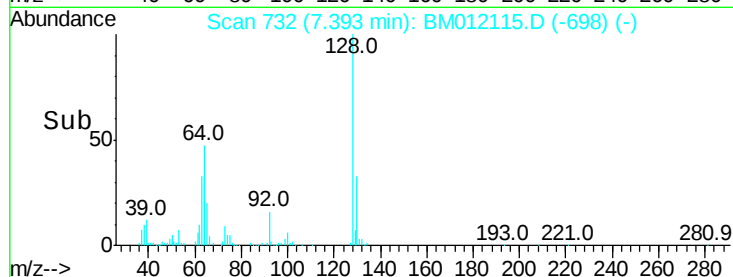
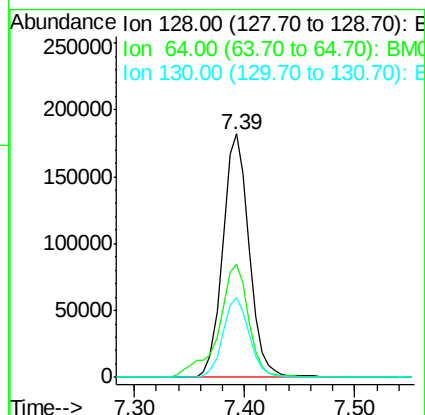
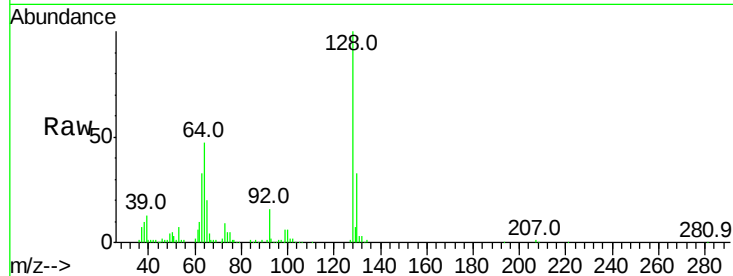




#10  
2-Chlorophenol  
Concen: 19.678 ng/ul  
RT: 7.39 min Scan# 732  
Delta R.T. 0.00 min  
Lab File: BM012115.D  
Acq: 13 Oct 2017 01:03

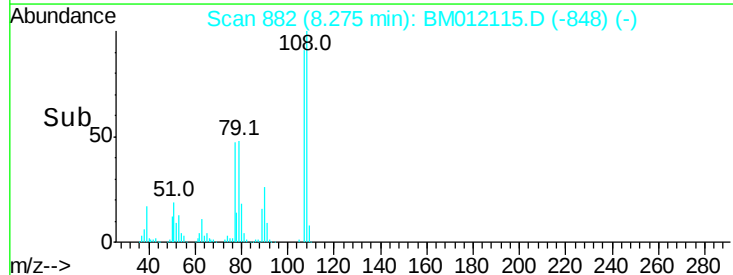
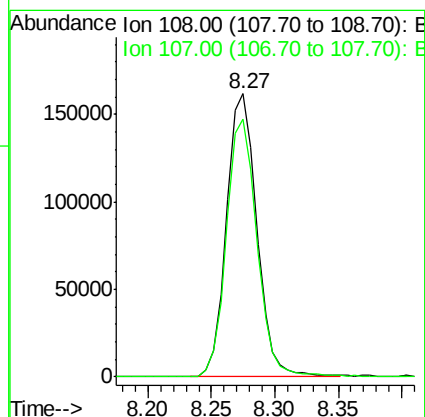
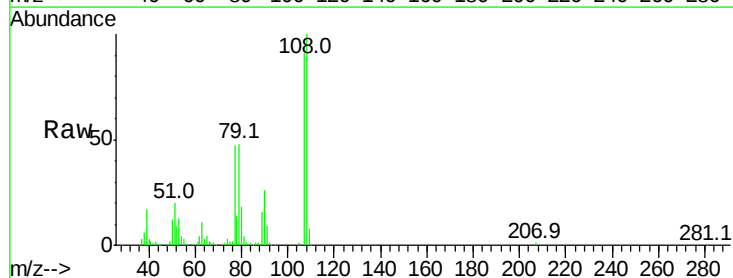
Instrument :  
BNA\_M  
ClientSampled :

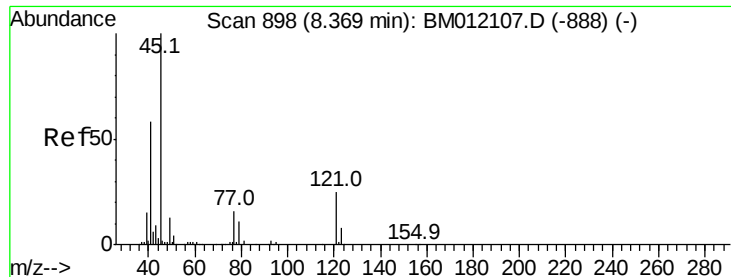
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 64      | 46.6  | 38.0  | 57.0  |
| 130     | 33.0  | 24.4  | 36.6  |



#11  
2-Methylphenol  
Concen: 19.336 ng/ul  
RT: 8.27 min Scan# 882  
Delta R.T. 0.00 min  
Lab File: BM012115.D  
Acq: 13 Oct 2017 01:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 108     | 100   |       |       |
| 107     | 91.2  | 72.6  | 108.8 |

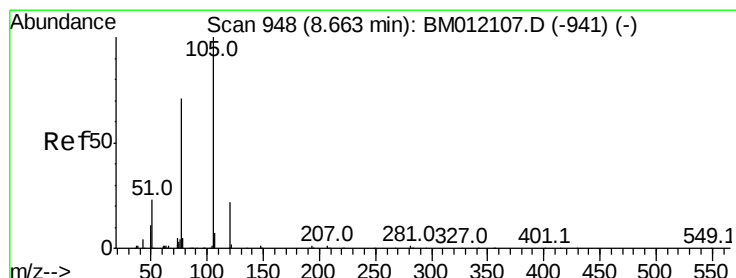
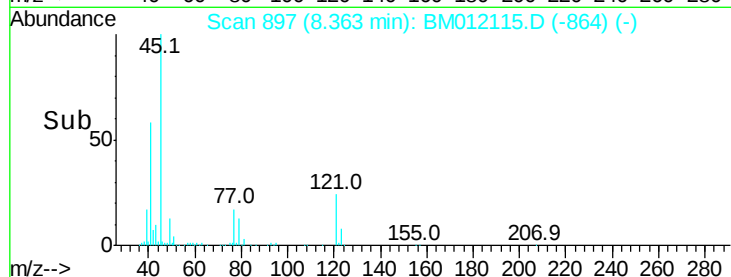
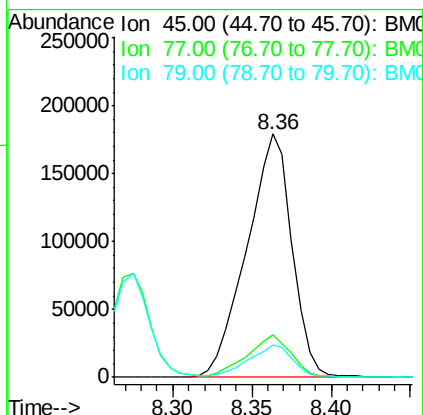
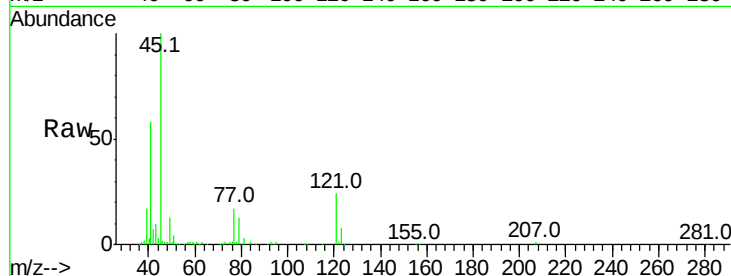




#12  
2,2'-oxvbis(1-Chloropropane)  
Concen: 19.815 ng/ul  
RT: 8.36 min Scan# 897  
Delta R.T. -0.01 min  
Lab File: BM012115.D  
Acq: 13 Oct 2017 01:03

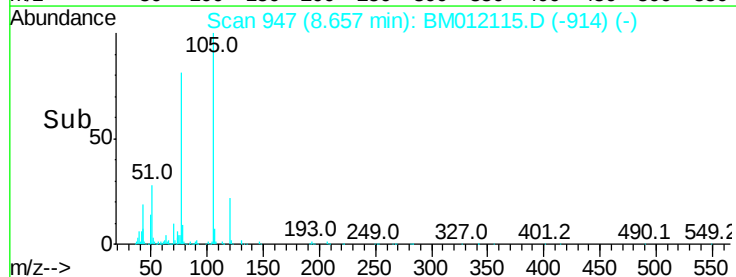
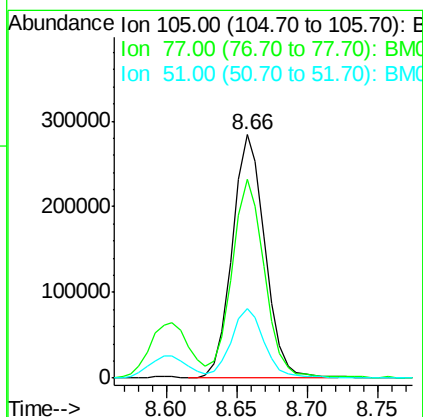
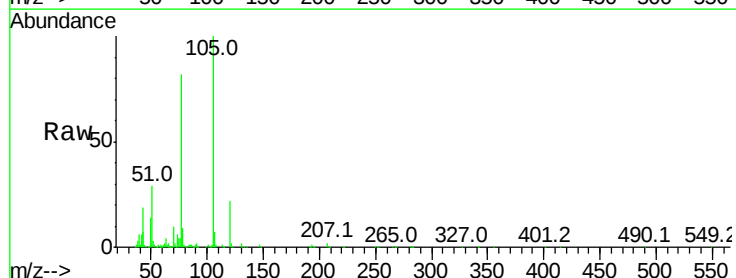
Instrument :  
BNA\_M  
ClientSampleId :

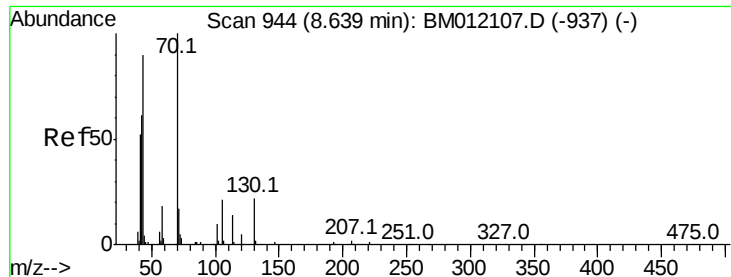
Tot Ion: 45 Resp: 353751  
Ion Ratio Lower Upper  
45 100  
77 17.4 8.0 12.0#  
79 13.1 8.0 12.0#



#14  
Acetophenone  
Concen: 19.504 ng/ul  
RT: 8.66 min Scan# 947  
Delta R.T. -0.01 min  
Lab File: BM012115.D  
Acq: 13 Oct 2017 01:03

Tgt Ion: 105 Resp: 455481  
Ion Ratio Lower Upper  
105 100  
77 81.6 74.2 111.4  
51 28.5 23.4 35.2





#15

N-Nitroso-di-n-propylamine

Concen: 19.695 ng/ul

RT: 8.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BM012115.D

Acq: 13 Oct 2017 01:03

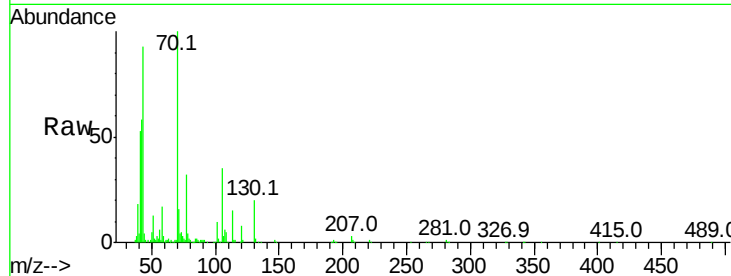
Instrument :

BNA\_M

ClientSampleId :

Tot Ion: 70 Resp: 246497

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 70  | 100   |       |        |
| 42  | 58.2  | 76.0  | 114.0# |
| 101 | 9.9   | 6.7   | 10.1   |
| 130 | 20.4  | 14.6  | 22.0   |

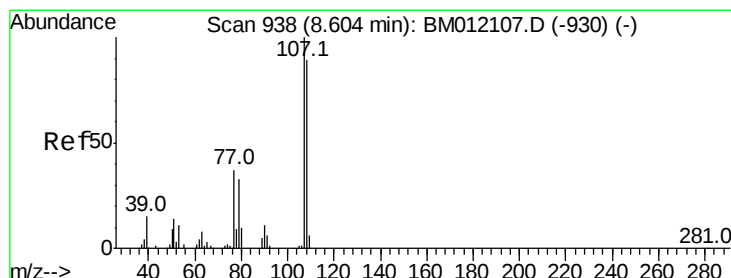
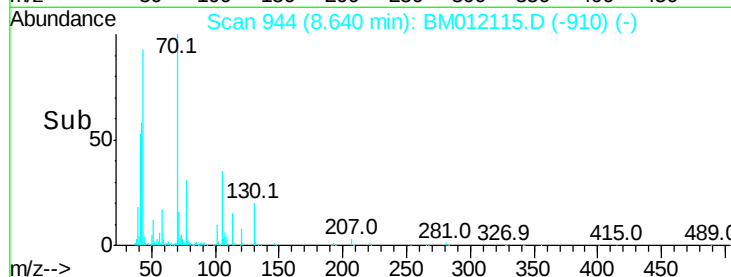


Abundance Ion 70.00 (69.70 to 70.70): BM0

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: 19.724 ng/ul

RT: 8.60 min Scan# 938

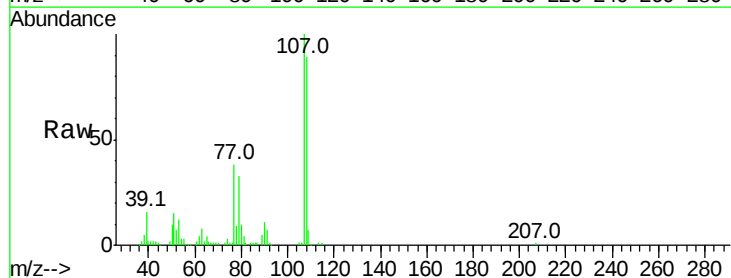
Delta R.T. 0.00 min

Lab File: BM012115.D

Acq: 13 Oct 2017 01:03

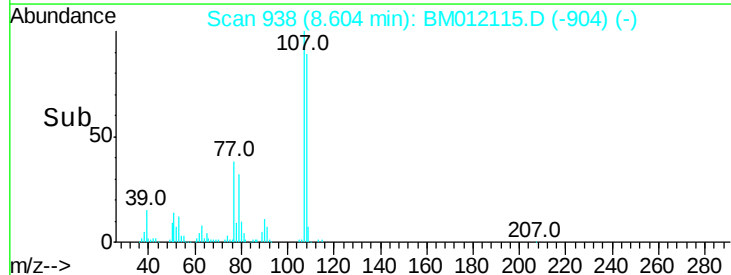
Tgt Ion:108 Resp: 301606

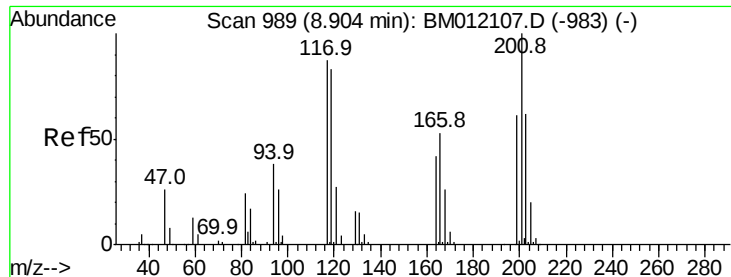
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 108 | 100   |       |       |
| 107 | 112.4 | 84.9  | 127.3 |



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 19.570 ng/ul

RT: 8.90 min Scan# 989

Delta R.T. 0.00 min

Lab File: BM012115.D

Acq: 13 Oct 2017 01:03

Instrument :

BNA\_M

ClientSampleId :

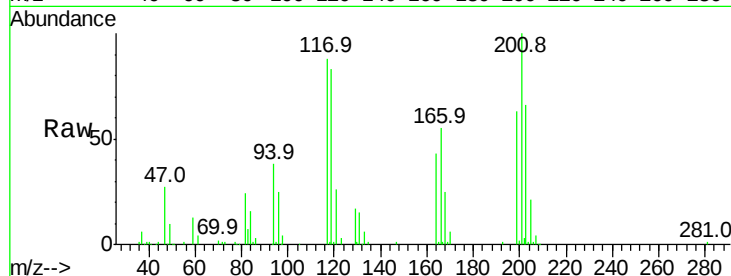
Tot Ion:117 Resp: 127589

Ion Ratio Lower Upper

117 100

201 114.1 111.6 167.4

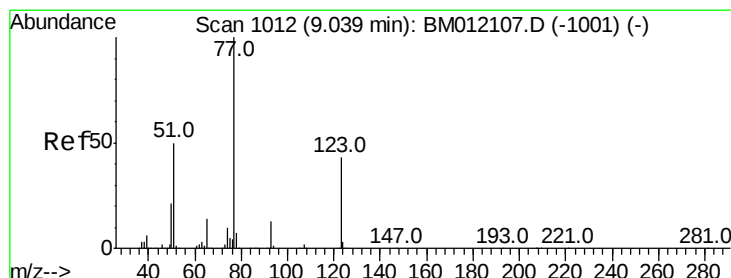
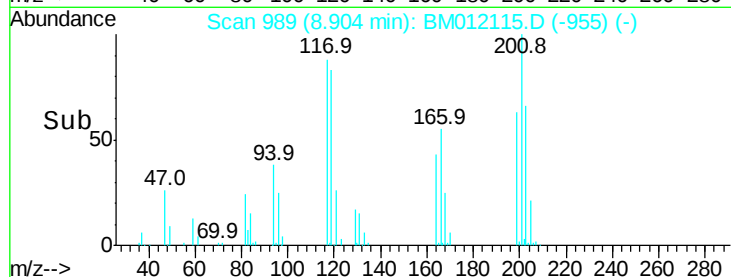
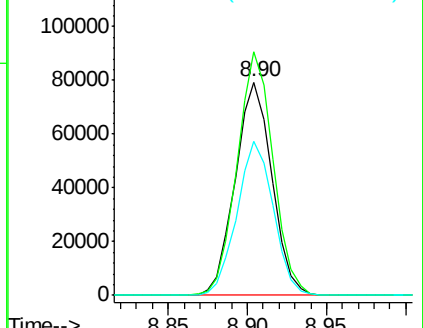
199 72.0 67.8 101.6



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: 19.932 ng/ul

RT: 9.04 min Scan# 1012

Delta R.T. 0.00 min

Lab File: BM012115.D

Acq: 13 Oct 2017 01:03

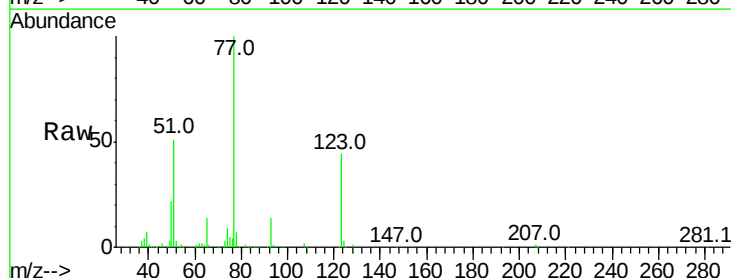
Tgt Ion: 77 Resp: 353900

Ion Ratio Lower Upper

77 100

123 43.7 31.0 46.6

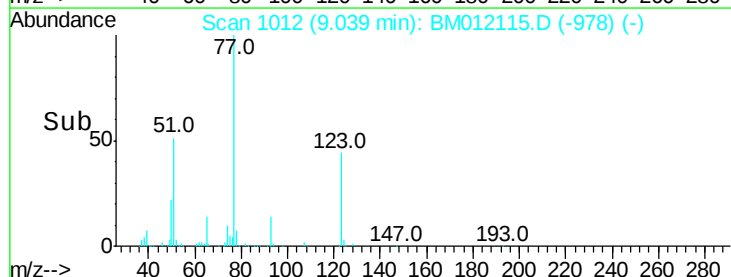
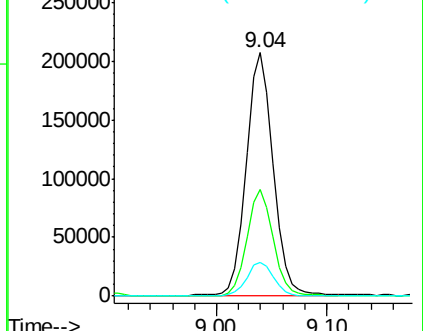
65 13.6 12.2 18.2

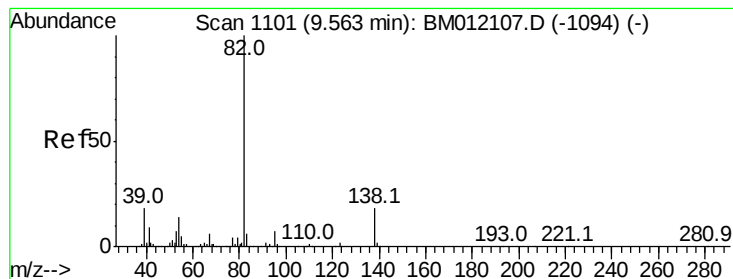


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM





#21

Isophorone

Concen: 19.687 ng/ul

RT: 9.56 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BM012115.D

Acq: 13 Oct 2017 01:03

Instrument :

BNA\_M

ClientSampleId :

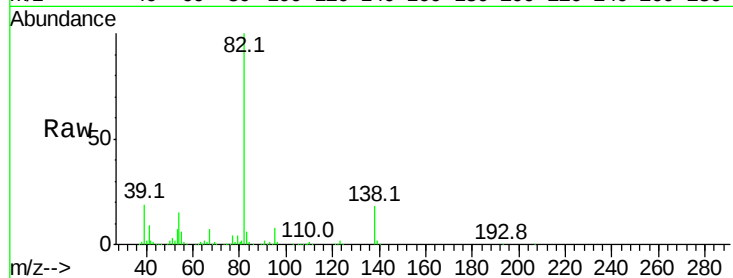
Tot Ion: 82 Resp: 653043

Ion Ratio Lower Upper

82 100

95 7.8 7.8 11.8#

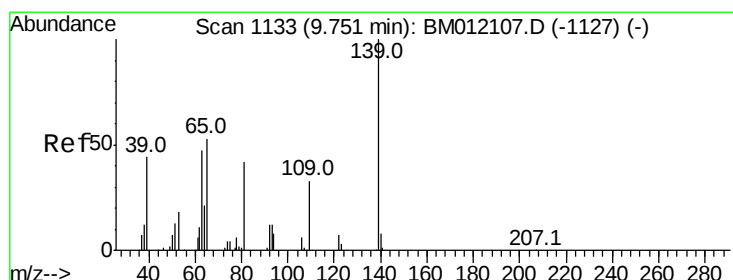
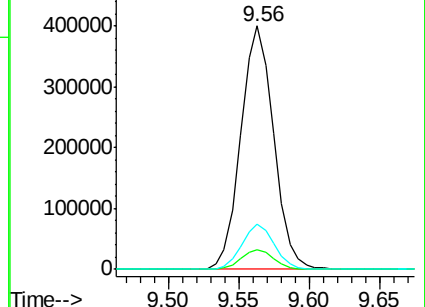
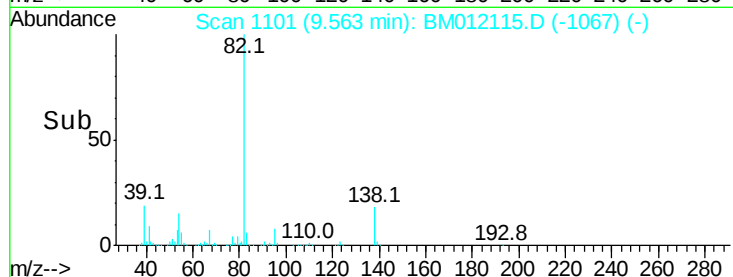
138 18.4 11.9 17.9#



Abundance Ion 82.00 (81.70 to 82.70): BM012115.D (-1067) (-)

Ion 95.00 (94.70 to 95.70): BM012115.D (-1067) (-)

Ion 138.00 (137.70 to 138.70): BM012115.D (-1067) (-)



#23

2-Nitrophenol

Concen: 19.629 ng/ul

RT: 9.75 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BM012115.D

Acq: 13 Oct 2017 01:03

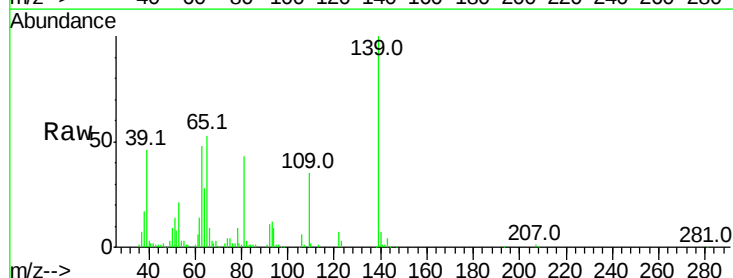
Tgt Ion: 139 Resp: 175766

Ion Ratio Lower Upper

139 100

65 53.5 55.4 83.0#

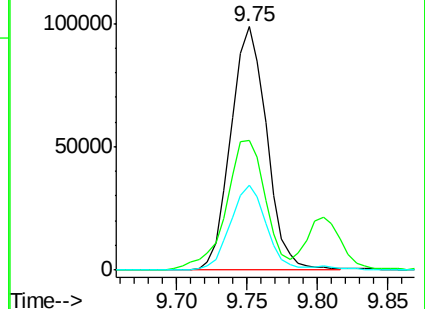
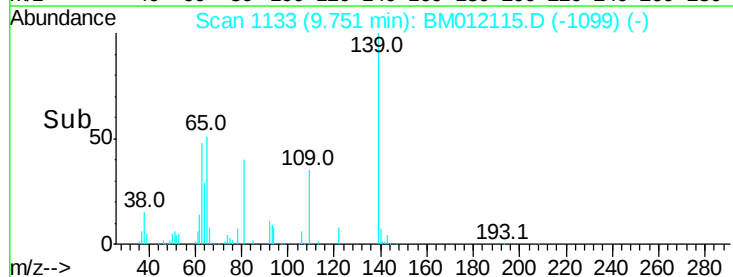
109 34.6 42.2 63.2#

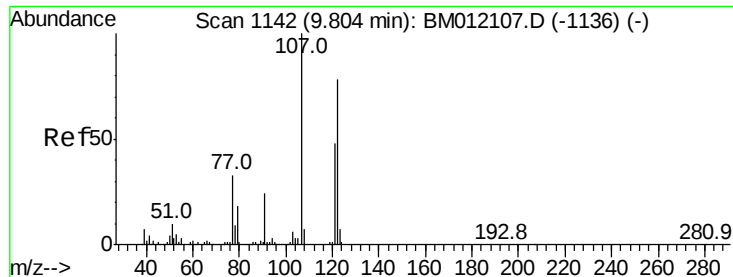


Abundance Ion 139.00 (138.70 to 139.70): BM012115.D (-1099) (-)

Ion 65.00 (64.70 to 65.70): BM012115.D (-1099) (-)

Ion 109.00 (108.70 to 109.70): BM012115.D (-1099) (-)





#24

2,4-Dimethylphenol

Concen: 19.793 ng/ul

RT: 9.80 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BM012115.D

Acq: 13 Oct 2017 01:03

Instrument :

BNA\_M

ClientSampleId :

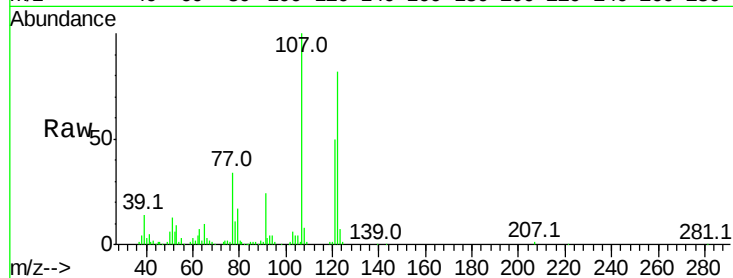
Tot Ion:107 Resp: 357194

Ion Ratio Lower Upper

107 100

121 50.3 31.9 47.9#

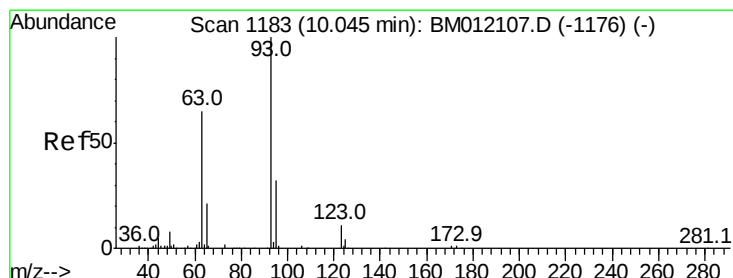
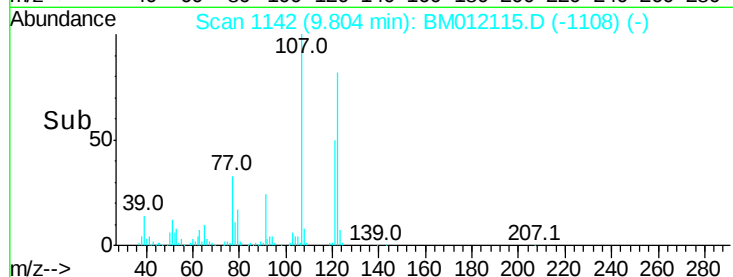
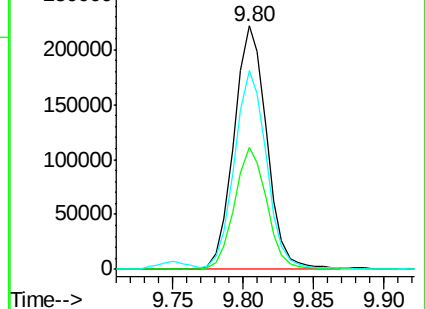
122 81.9 57.8 86.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 19.958 ng/ul

RT: 10.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BM012115.D

Acq: 13 Oct 2017 01:03

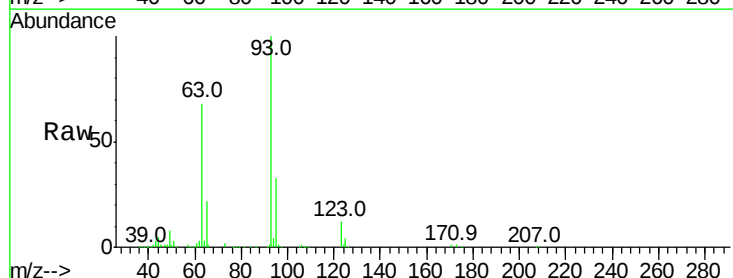
Tgt Ion: 93 Resp: 388190

Ion Ratio Lower Upper

93 100

95 32.7 28.5 42.7

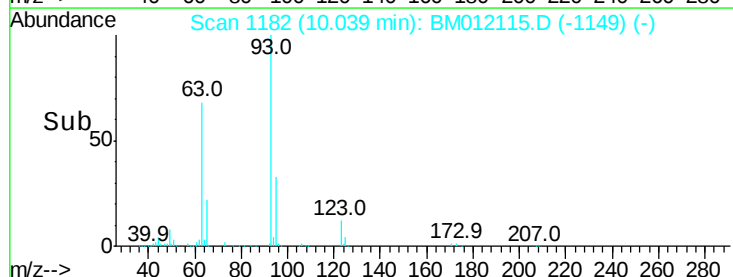
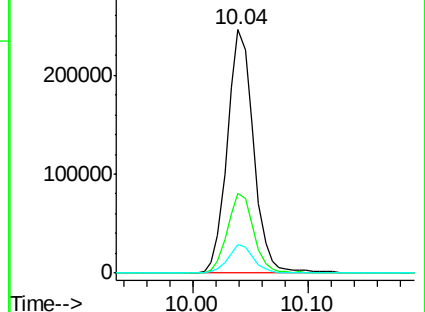
123 11.8 8.9 13.3

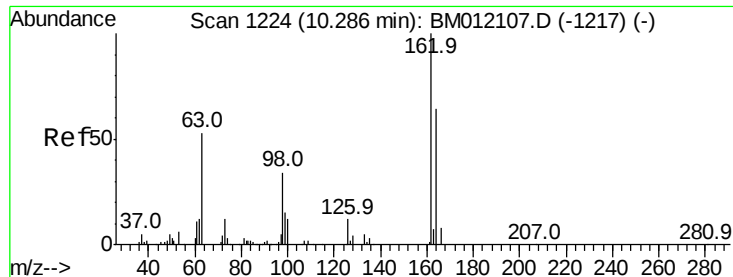


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

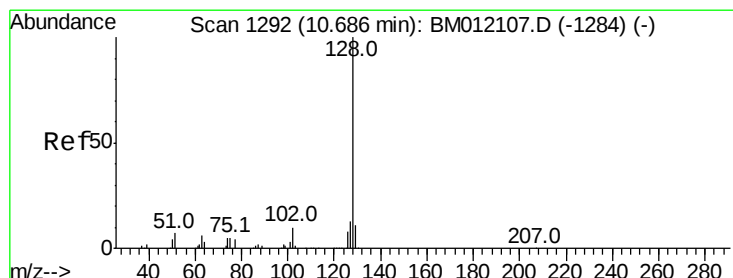
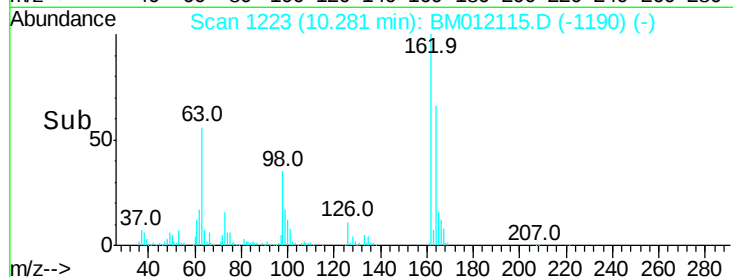
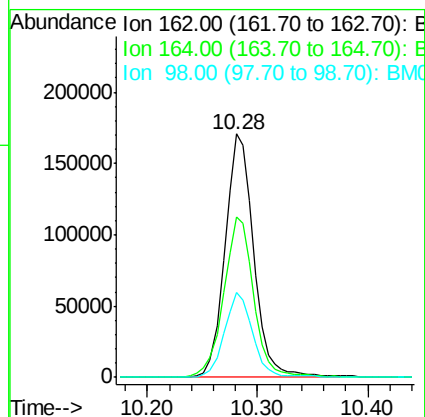
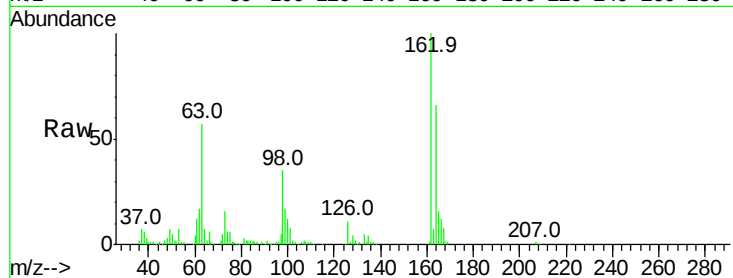




#27  
 2,4-Dichlorophenol  
 Concen: 19.761 ng/ul  
 RT: 10.28 min Scan# 1223  
 Delta R.T. -0.01 min  
 Lab File: BM012115.D  
 Acq: 13 Oct 2017 01:03

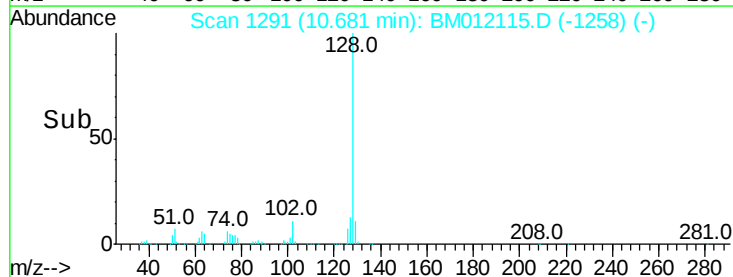
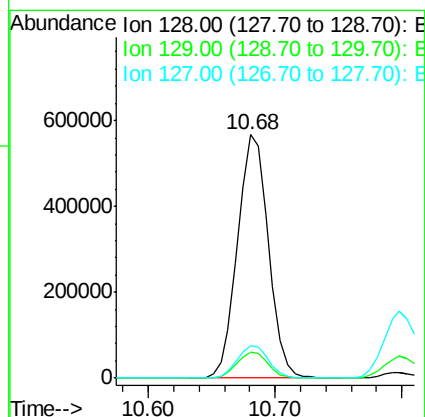
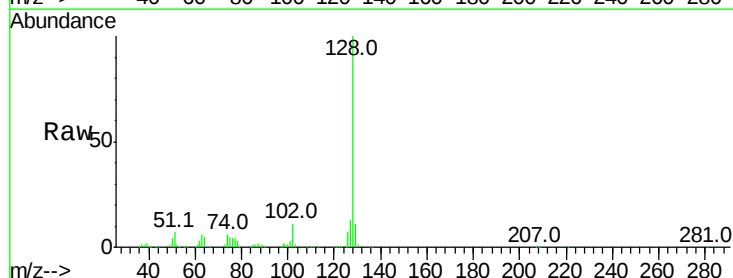
Instrument :  
 BNA\_M  
 ClientSampleId :

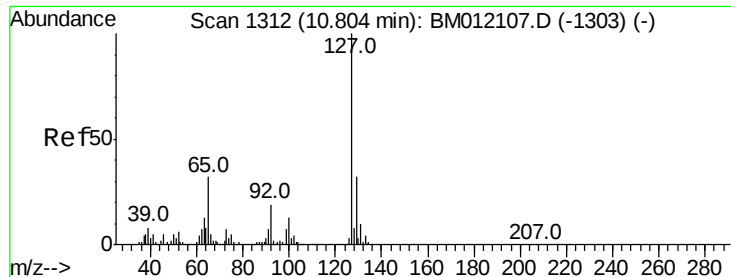
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.7  | 47.8  | 71.6  |
| 98      | 35.0  | 23.0  | 34.4# |



#28  
 Naphthalene  
 Concen: 19.767 ng/ul  
 RT: 10.68 min Scan# 1291  
 Delta R.T. -0.01 min  
 Lab File: BM012115.D  
 Acq: 13 Oct 2017 01:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.7  | 8.8   | 13.2  |
| 127     | 13.2  | 10.6  | 16.0  |

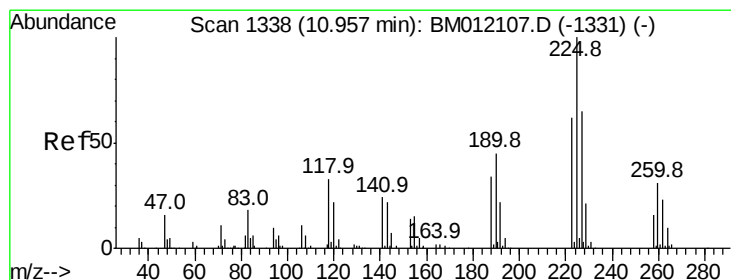
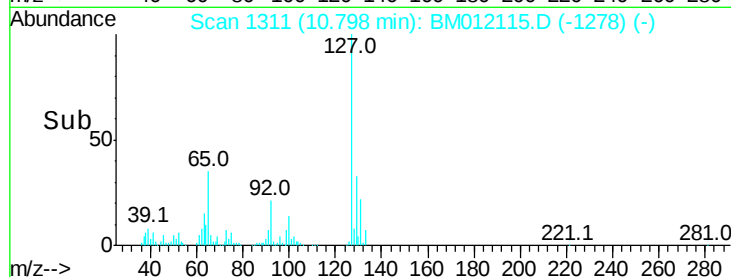
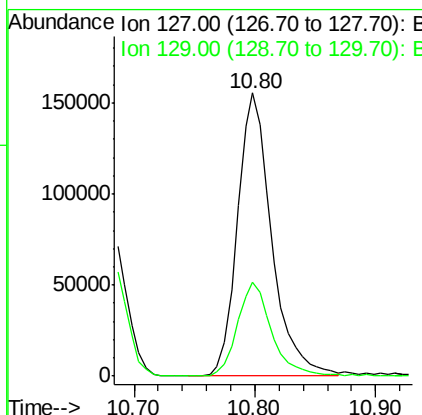
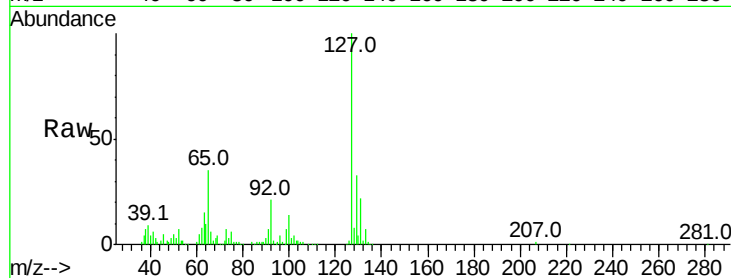




#30  
4-Chloroaniline  
Concen: 20.921 ng/ul  
RT: 10.80 min Scan# 1311  
Delta R.T. -0.01 min  
Lab File: BM012115.D  
Acq: 13 Oct 2017 01:03

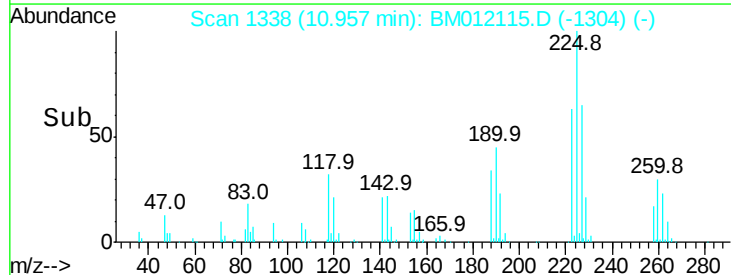
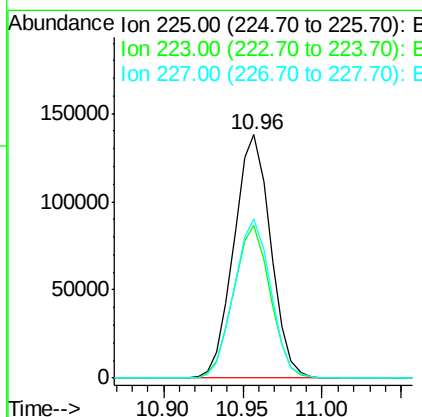
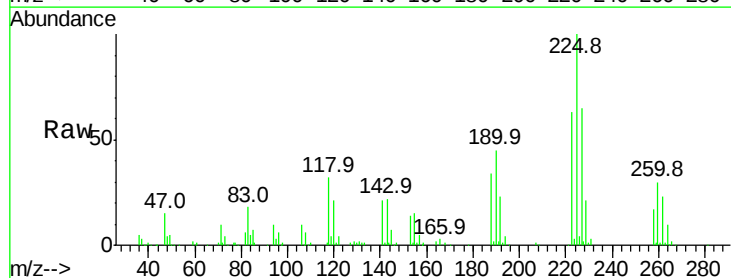
Instrument :  
BNA\_M  
ClientSampleId :

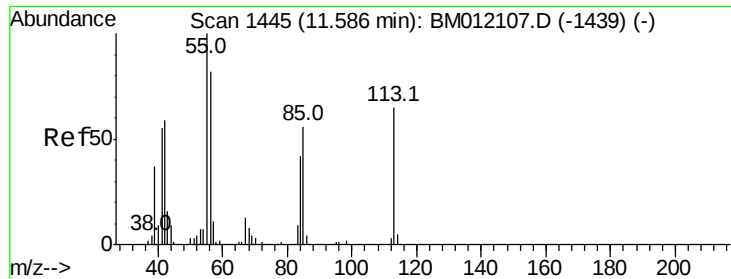
Tot Ion:127 Resp: 306955  
Ion Ratio Lower Upper  
127 100  
129 33.2 28.4 42.6



#31  
Hexachlorobutadiene  
Concen: 19.128 ng/ul  
RT: 10.96 min Scan# 1338  
Delta R.T. 0.00 min  
Lab File: BM012115.D  
Acq: 13 Oct 2017 01:03

Tgt Ion:225 Resp: 222635  
Ion Ratio Lower Upper  
225 100  
223 63.0 49.4 74.2  
227 65.2 45.4 68.2





#32

Caprolactam

Concen: 19.937 ng/ul

RT: 11.59 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BM012115.D

Acq: 13 Oct 2017 01:03

Instrument :

BNA\_M

ClientSampleId :

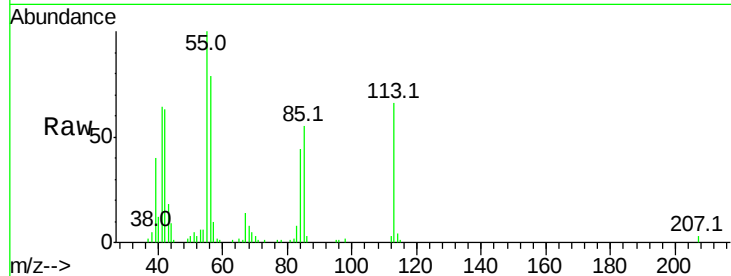
Tot Ion:113 Resp: 98844

Ion Ratio Lower Upper

113 100

55 150.5 208.0 312.0#

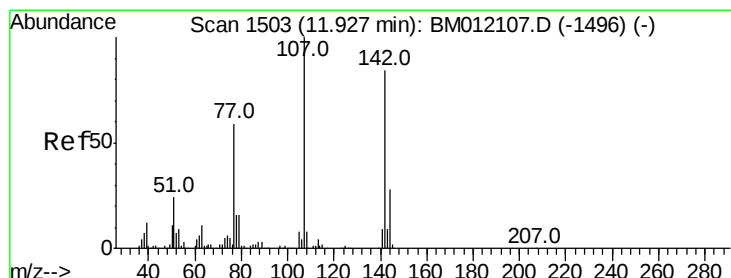
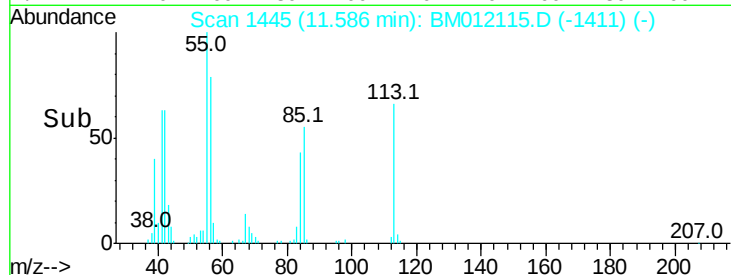
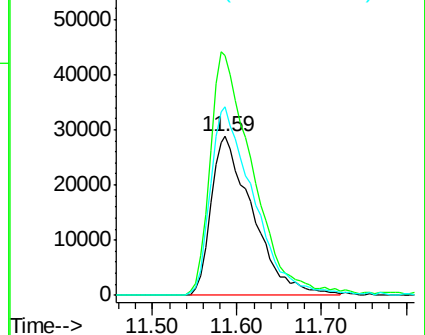
56 118.7 160.0 240.0#



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: 19.625 ng/ul

RT: 11.92 min Scan# 1502

Delta R.T. -0.01 min

Lab File: BM012115.D

Acq: 13 Oct 2017 01:03

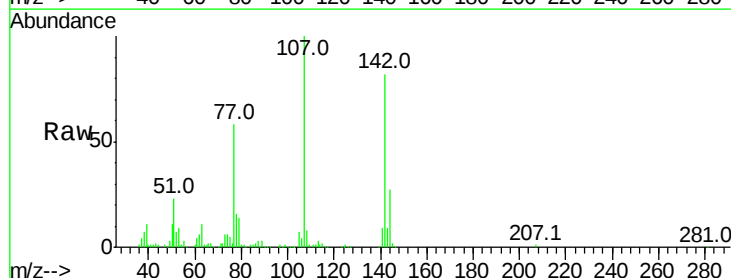
Tgt Ion:107 Resp: 322899

Ion Ratio Lower Upper

107 100

144 27.1 20.4 30.6

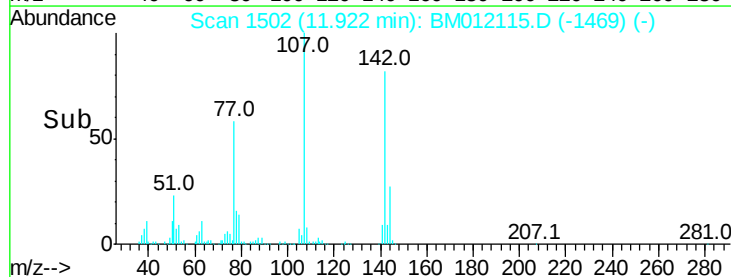
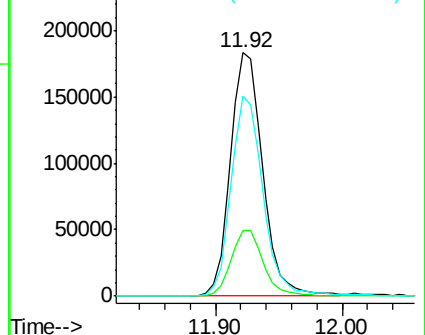
142 82.0 60.5 90.7

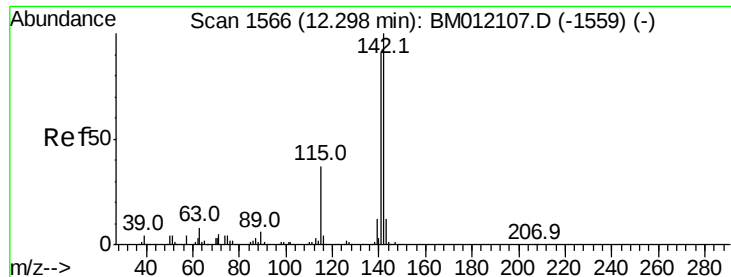


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 19.655 ng/ul

RT: 12.30 min Scan# 1566

Delta R.T. 0.00 min

Lab File: BM012115.D

Acq: 13 Oct 2017 01:03

Instrument :

BNA\_M

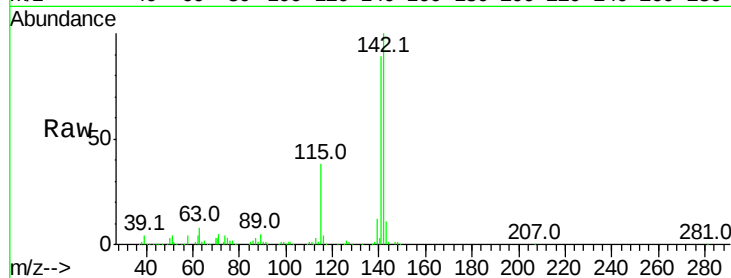
ClientSampleId :

Tot Ion:142 Resp: 718605

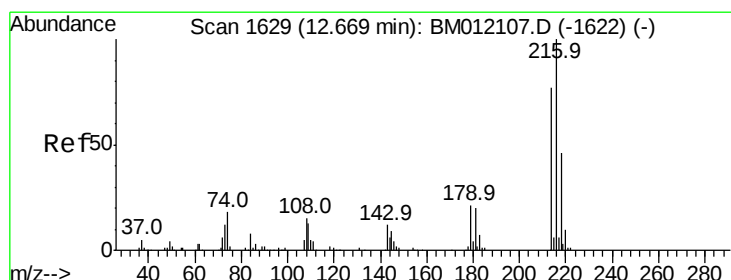
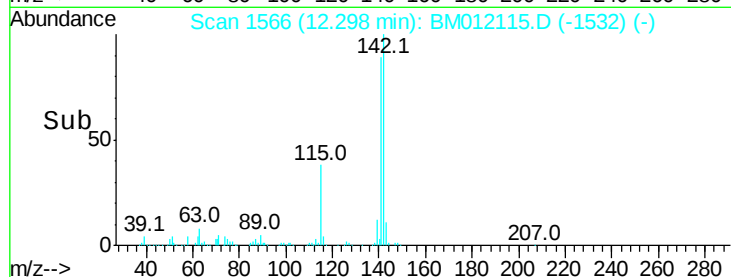
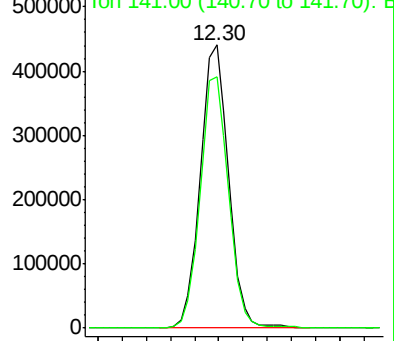
Ion Ratio Lower Upper

142 100

141 88.9 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E



#36

1,2,4,5-Tetrachlorobenzene

Concen: 19.670 ng/ul

RT: 12.66 min Scan# 1628

Delta R.T. -0.01 min

Lab File: BM012115.D

Acq: 13 Oct 2017 01:03

Tgt Ion:216 Resp: 403029

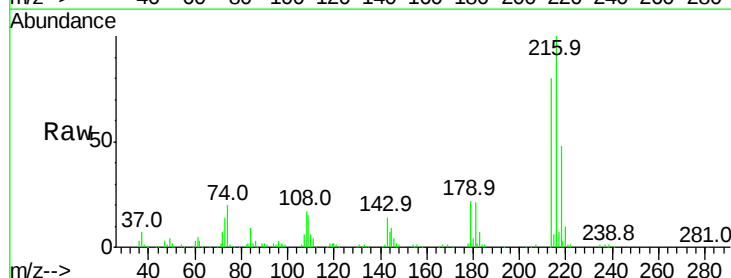
Ion Ratio Lower Upper

216 100

214 80.1 60.6 90.8

179 22.3 17.5 26.3

108 16.8 11.3 16.9

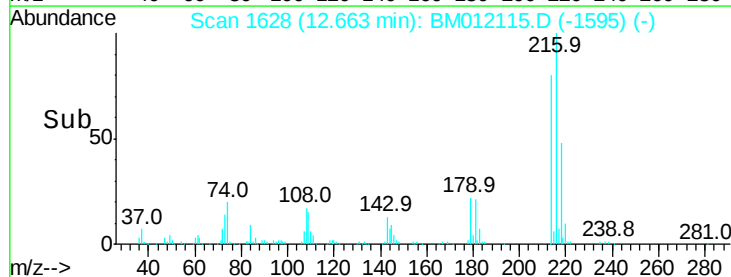
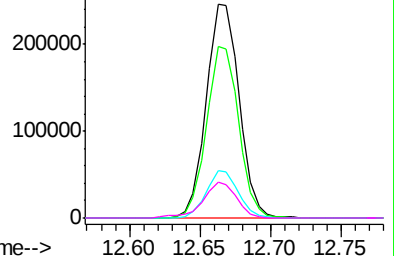


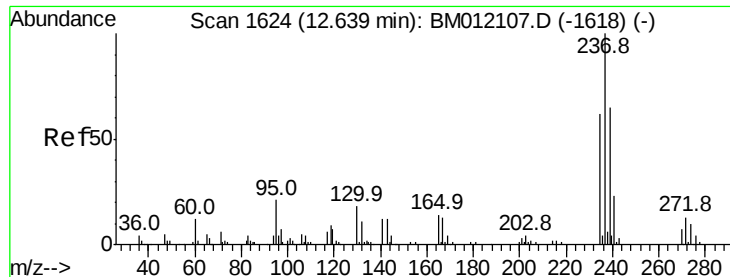
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

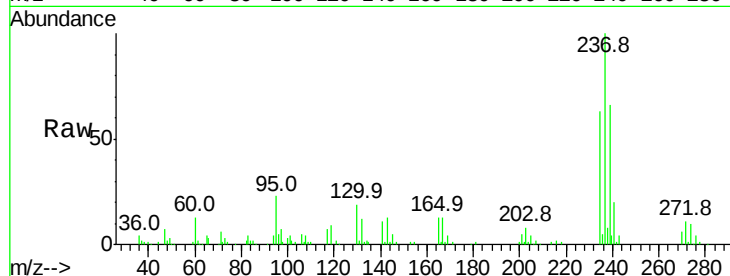




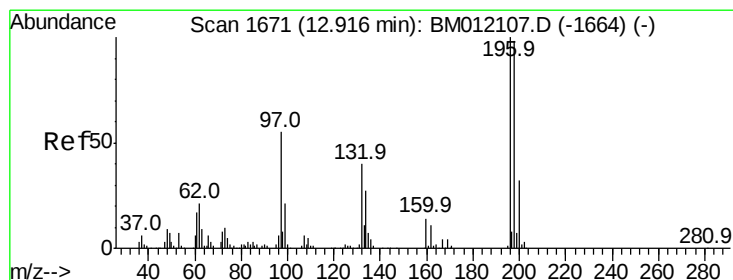
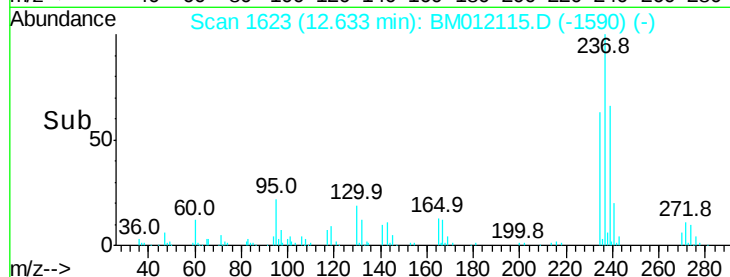
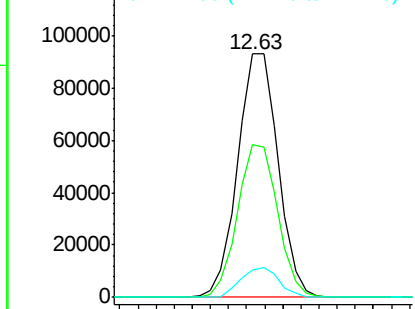
#37  
Hexachlorocyclopentadiene  
Concen: 15.826 ng/ul  
RT: 12.63 min Scan# 1623  
Delta R.T. -0.01 min  
Lab File: BM012115.D  
Acq: 13 Oct 2017 01:03

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:237 Resp: 144527  
Ion Ratio Lower Upper  
237 100  
235 62.5 50.2 75.4  
272 11.8 11.0 16.6

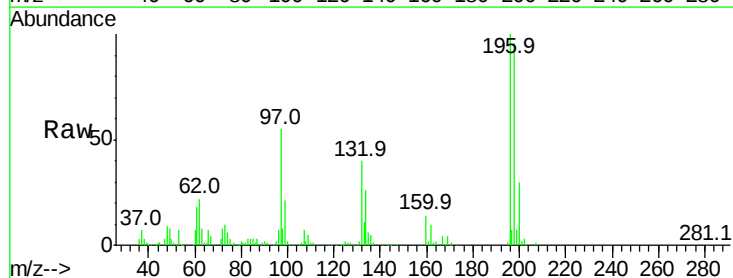


Abundance Ion 237.00 (236.70 to 237.70): E  
Ion 235.00 (234.70 to 235.70): E  
Ion 272.00 (271.70 to 272.70): E

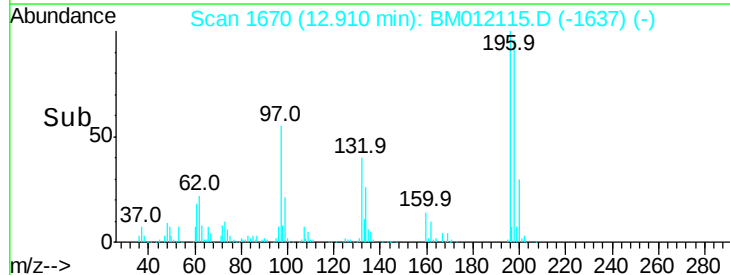
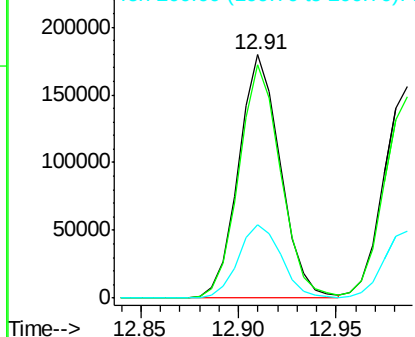


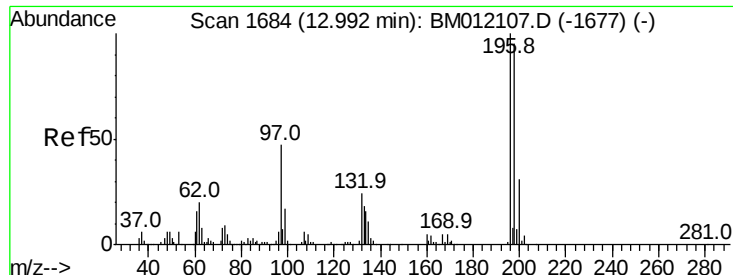
#38  
2,4,6-Trichlorophenol  
Concen: 19.637 ng/ul  
RT: 12.91 min Scan# 1670  
Delta R.T. -0.01 min  
Lab File: BM012115.D  
Acq: 13 Oct 2017 01:03

Tgt Ion:196 Resp: 266776  
Ion Ratio Lower Upper  
196 100  
198 95.9 74.1 111.1  
200 30.4 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

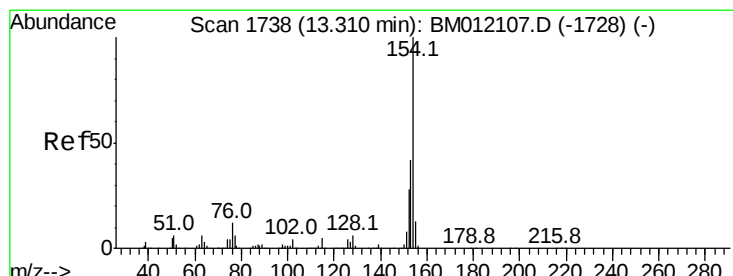
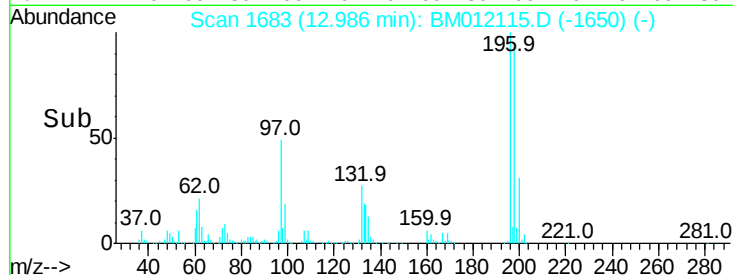
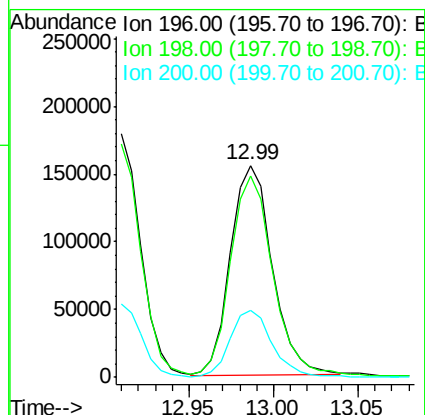
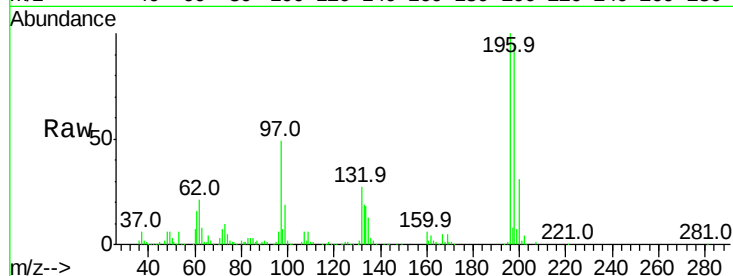




#39  
 2,4,5-Trichlorophenol  
 Concen: 19.106 ng/ul  
 RT: 12.99 min Scan# 1683  
 Delta R.T. -0.01 min  
 Lab File: BM012115.D  
 Acq: 13 Oct 2017 01:03

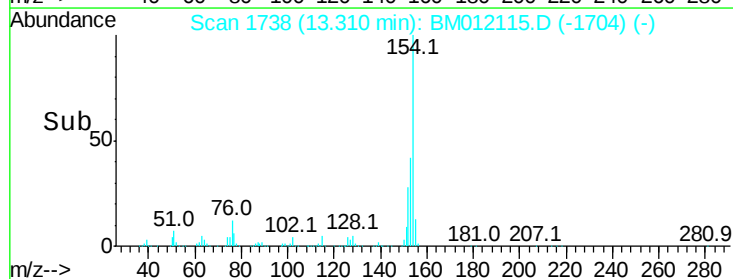
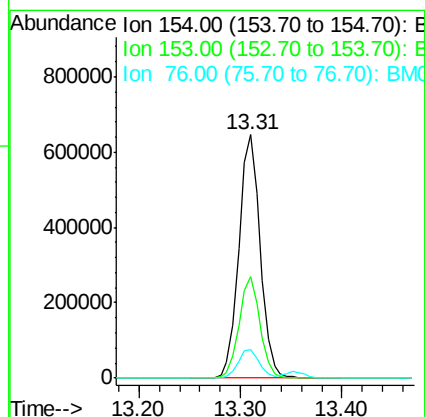
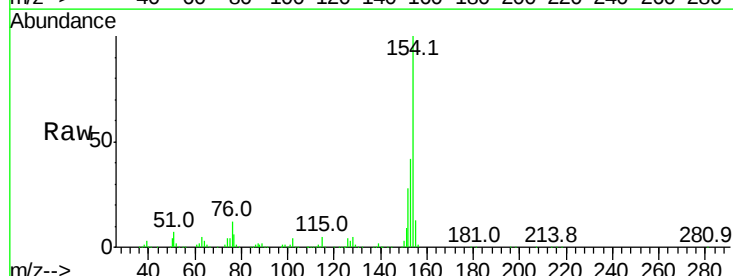
Instrument :  
 BNA\_M  
 ClientSampleId :

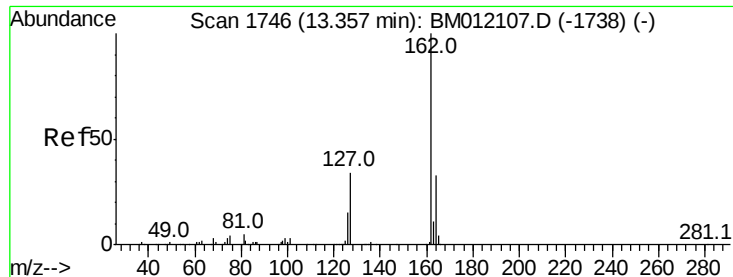
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 94.9  | 75.6  | 113.4 |
| 200     | 31.3  | 25.5  | 38.3  |



#40  
 1,1'-Biphenyl  
 Concen: 19.777 ng/ul  
 RT: 13.31 min Scan# 1738  
 Delta R.T. 0.00 min  
 Lab File: BM012115.D  
 Acq: 13 Oct 2017 01:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.5  | 32.6  | 48.8  |
| 76      | 11.9  | 8.5   | 12.7  |

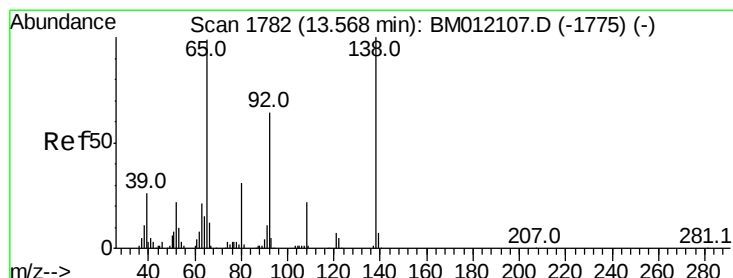
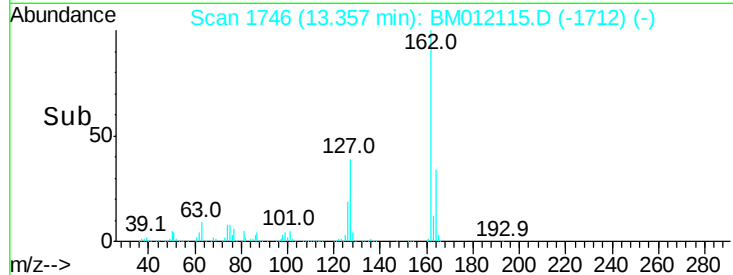
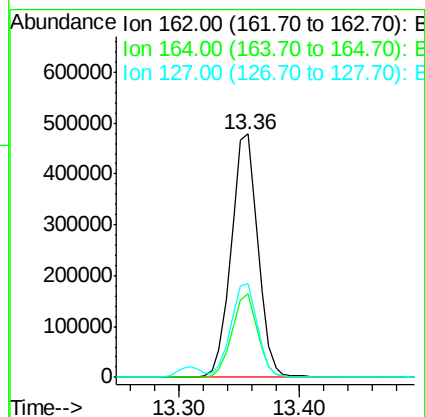
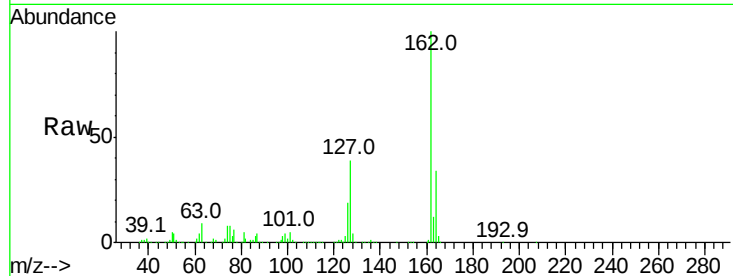




#41  
2-Chloronaphthalene  
Concen: 19.793 ng/ul  
RT: 13.36 min Scan# 1746  
Delta R.T. 0.00 min  
Lab File: BM012115.D  
Acq: 13 Oct 2017 01:03

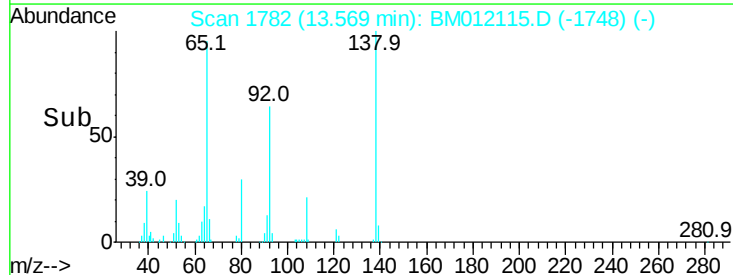
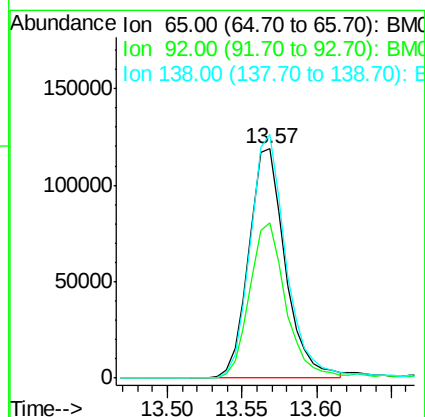
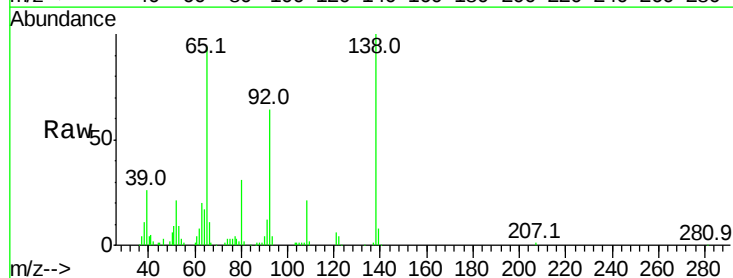
Instrument :  
BNA\_M  
ClientSampleId :

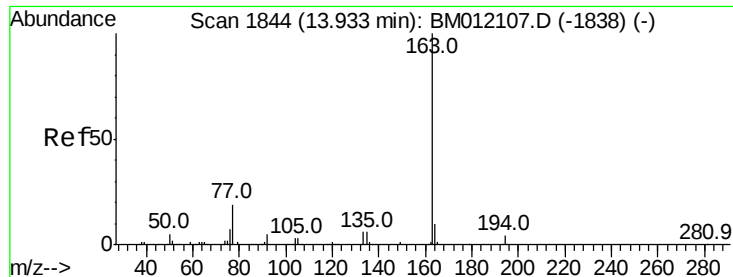
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 34.2  | 25.9  | 38.9  |
| 127     | 38.7  | 29.4  | 44.2  |



#42  
2-Nitroaniline  
Concen: 19.392 ng/ul  
RT: 13.57 min Scan# 1782  
Delta R.T. 0.00 min  
Lab File: BM012115.D  
Acq: 13 Oct 2017 01:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 67.8  | 51.8  | 77.6  |
| 138     | 106.2 | 74.2  | 111.4 |

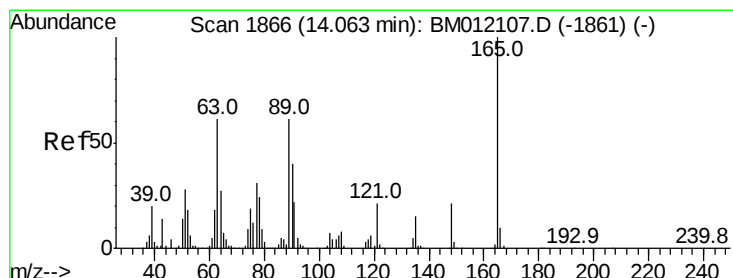
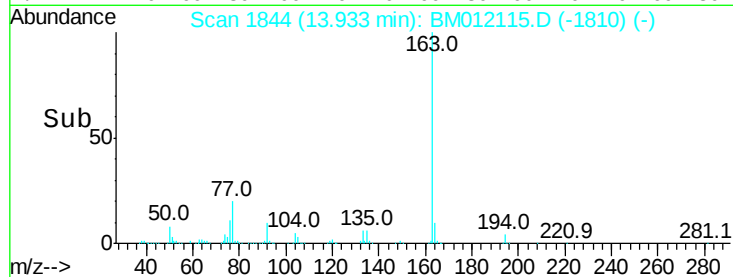
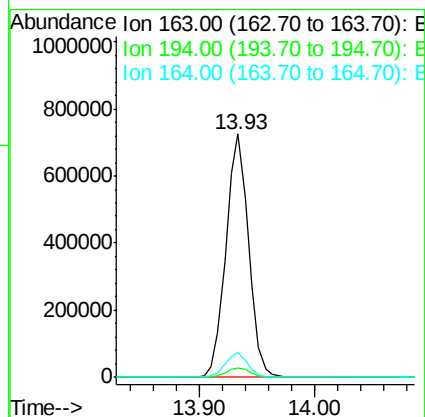
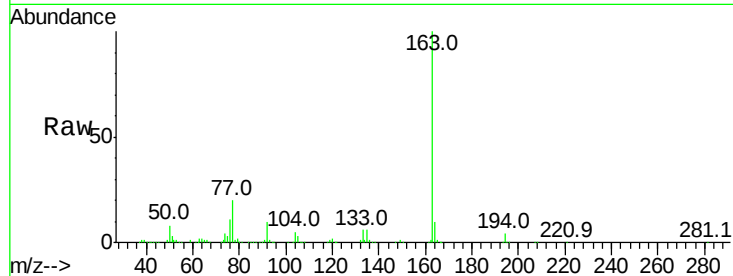




#44  
Dimethylphthalate  
Concen: 19.606 ng/ul  
RT: 13.93 min Scan# 1844  
Delta R.T. 0.00 min  
Lab File: BM012115.D  
Acq: 13 Oct 2017 01:03

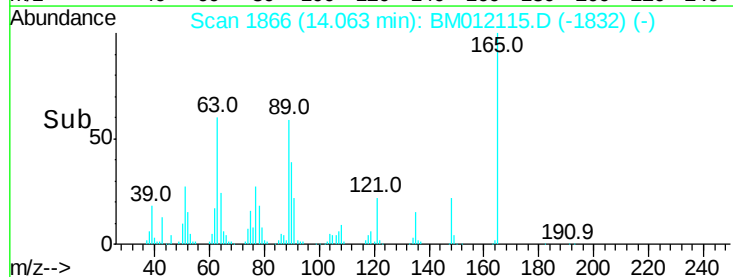
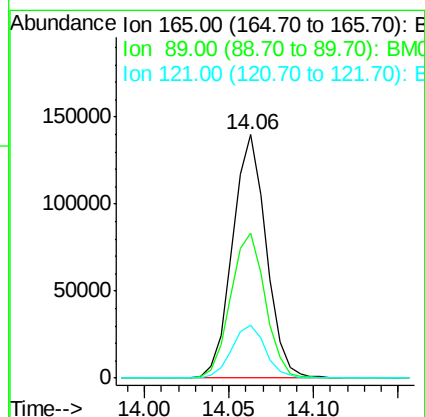
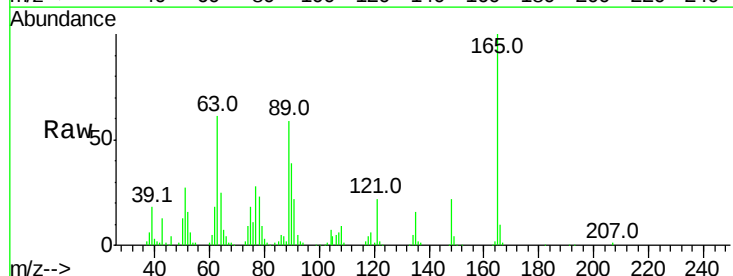
Instrument :  
BNA\_M  
ClientSampleId :

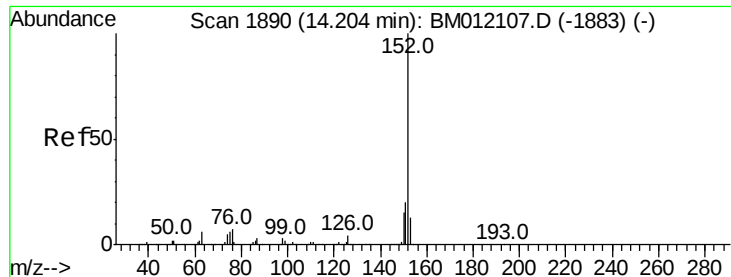
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.1   | 3.5   | 5.3   |
| 164     | 10.2  | 8.2   | 12.4  |



#45  
2,6-Dinitrotoluene  
Concen: 19.619 ng/ul  
RT: 14.06 min Scan# 1866  
Delta R.T. 0.00 min  
Lab File: BM012115.D  
Acq: 13 Oct 2017 01:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 89      | 59.4  | 52.6  | 79.0  |
| 121     | 21.8  | 14.6  | 22.0  |





#47

Acenaphthylene

Concen: 19.907 ng/ul

RT: 14.20 min Scan# 1890

Delta R.T. 0.00 min

Lab File: BM012115.D

Acq: 13 Oct 2017 01:03

Instrument :

BNA\_M

ClientSampleId :

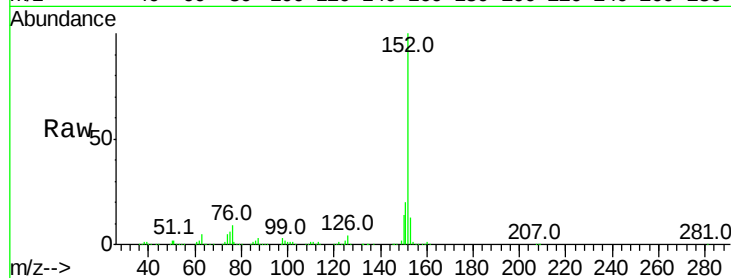
Tot Ion:152 Resp: 1180439

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 20.0  | 16.3  | 24.5  |
| 153 | 12.8  | 10.2  | 15.4  |

152 100

151 20.0 16.3 24.5

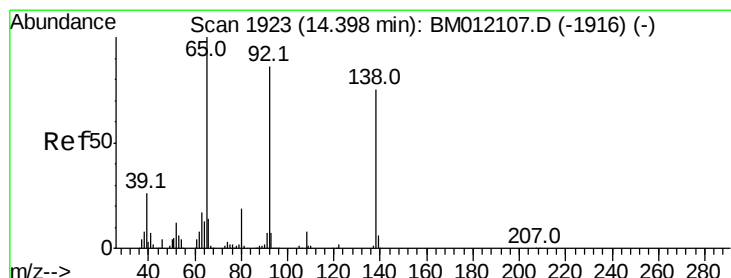
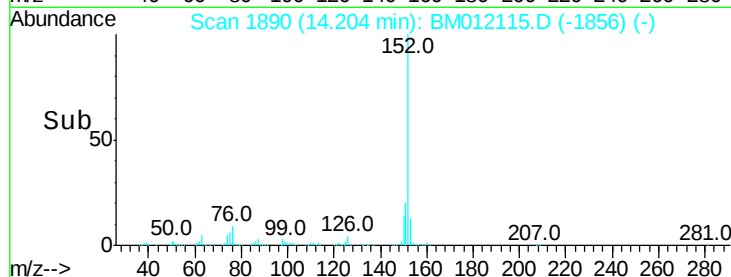
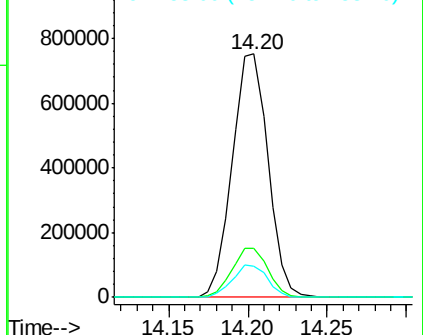
153 12.8 10.2 15.4



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: 19.548 ng/ul

RT: 14.39 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BM012115.D

Acq: 13 Oct 2017 01:03

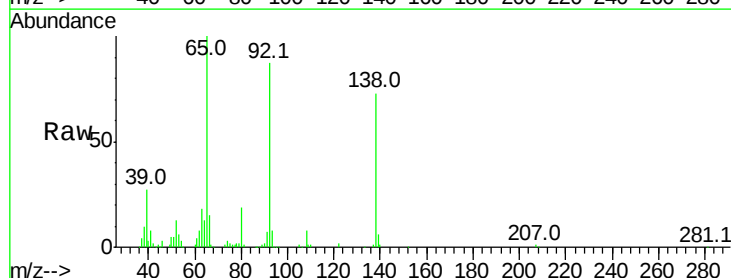
Tgt Ion:138 Resp: 150885

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 138 | 100   |       |       |
| 108 | 10.9  | 9.9   | 14.9  |
| 92  | 119.7 | 105.0 | 157.4 |

138 100

108 10.9 9.9 14.9

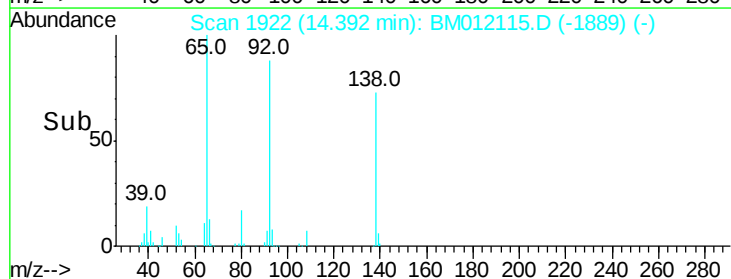
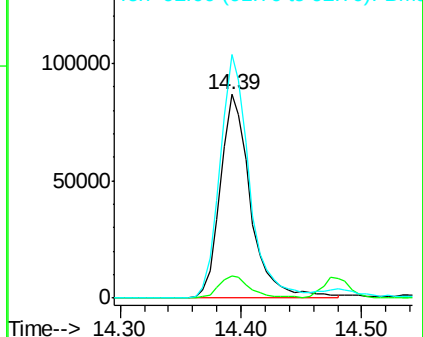
92 119.7 105.0 157.4

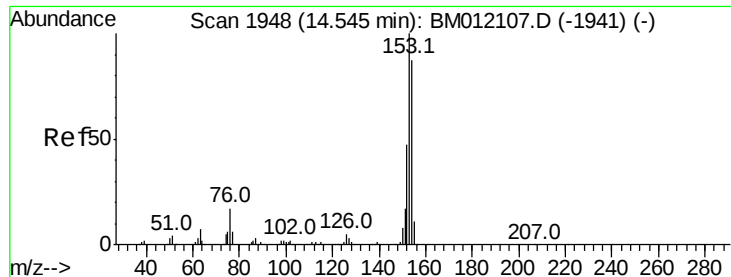


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E





#49

Acenaphthene

Concen: 19.825 ng/ul

RT: 14.55 min Scan# 1948

Delta R.T. 0.00 min

Lab File: BM012115.D

Acq: 13 Oct 2017 01:03

Instrument :

BNA\_M

ClientSampleId :

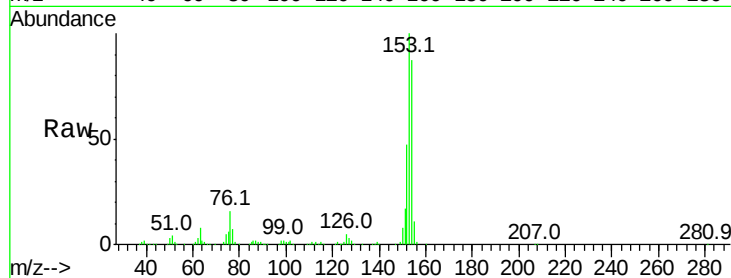
Tot Ion:153 Resp: 791849

Ion Ratio Lower Upper

153 100

152 46.5 37.6 56.4

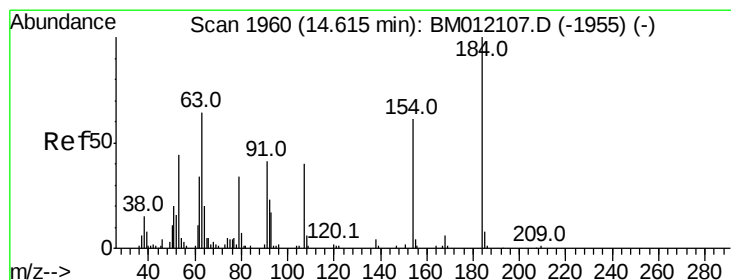
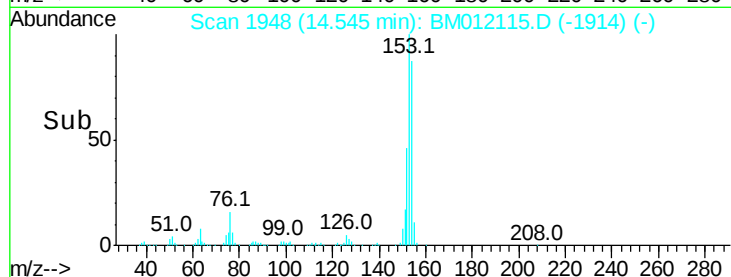
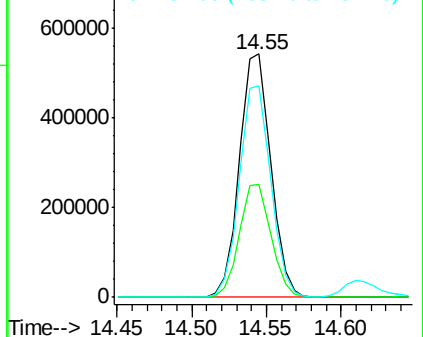
154 86.8 70.4 105.6



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: 17.515 ng/ul

RT: 14.61 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BM012115.D

Acq: 13 Oct 2017 01:03

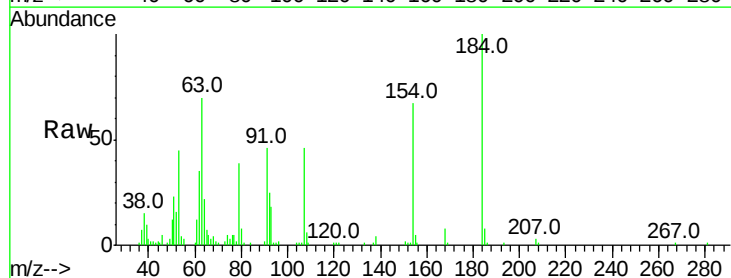
Tgt Ion:184 Resp: 98670

Ion Ratio Lower Upper

184 100

63 70.3 50.1 75.1

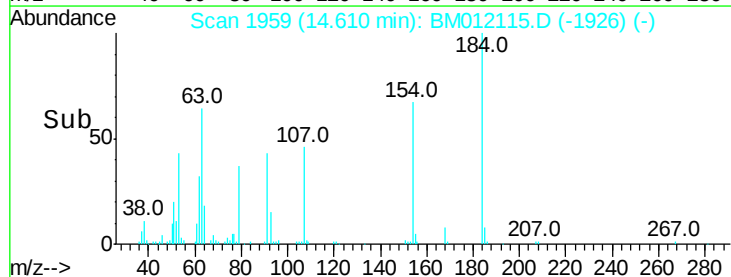
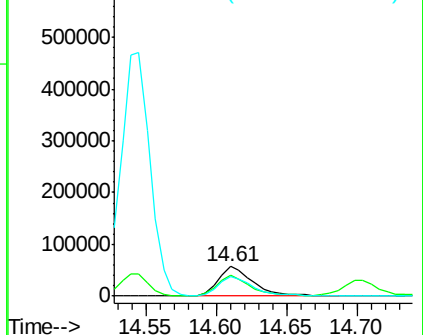
154 67.3 54.5 81.7

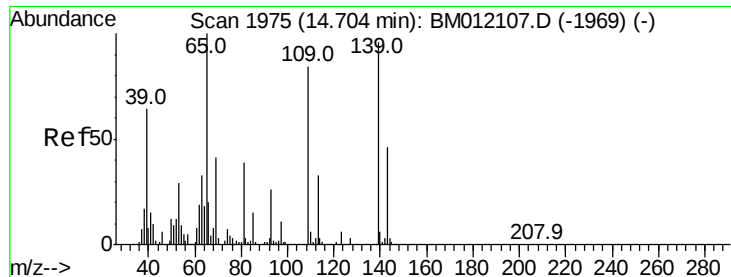


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 19.091 ng/ul

RT: 14.70 min Scan# 1975

Delta R.T. 0.00 min

Lab File: BM012115.D

Acq: 13 Oct 2017 01:03

Instrument :

BNA\_M

ClientSampleId :

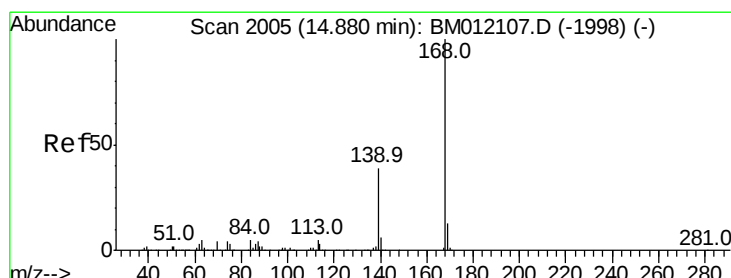
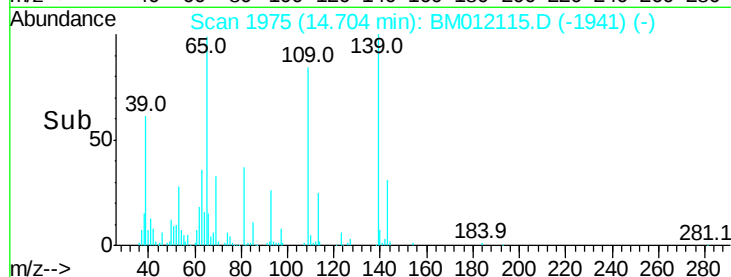
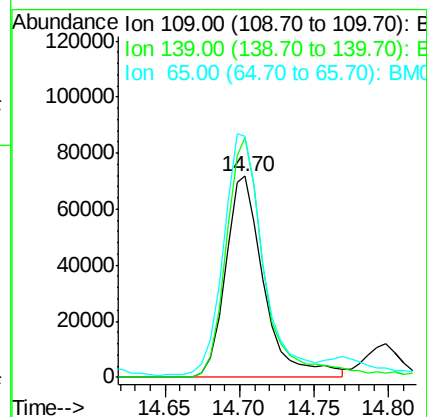
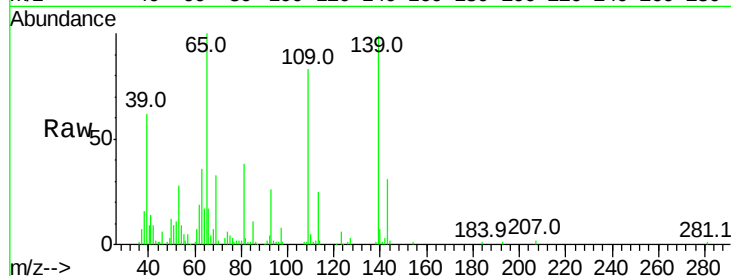
Tot Ion:109 Resp: 128677

Ion Ratio Lower Upper

109 100

139 119.2 80.0 120.0

65 119.9 120.0 180.0#



#53

Dibenzofuran

Concen: 19.758 ng/ul

RT: 14.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BM012115.D

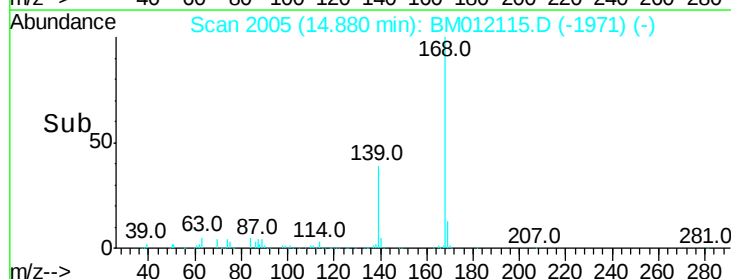
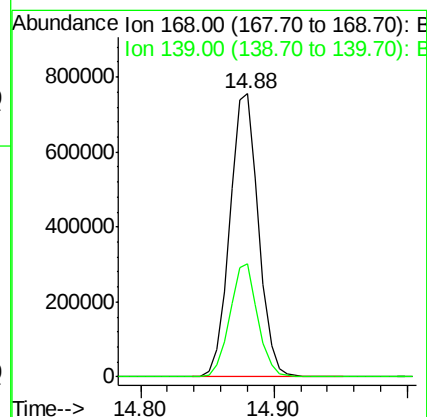
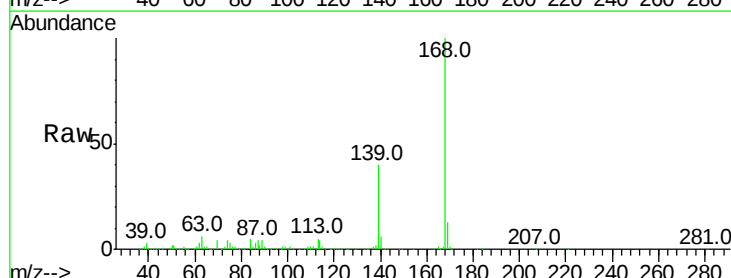
Acq: 13 Oct 2017 01:03

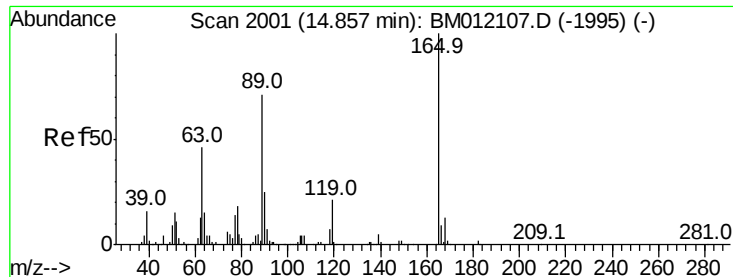
Tgt Ion:168 Resp: 1136328

Ion Ratio Lower Upper

168 100

139 39.8 30.8 46.2

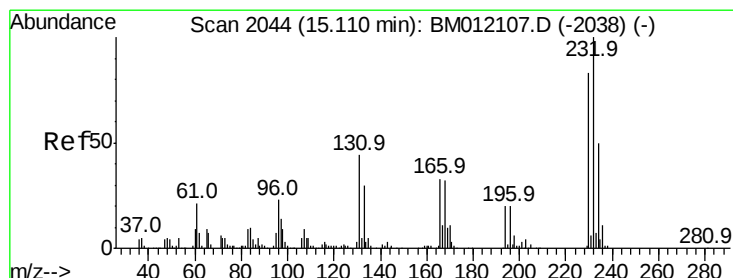
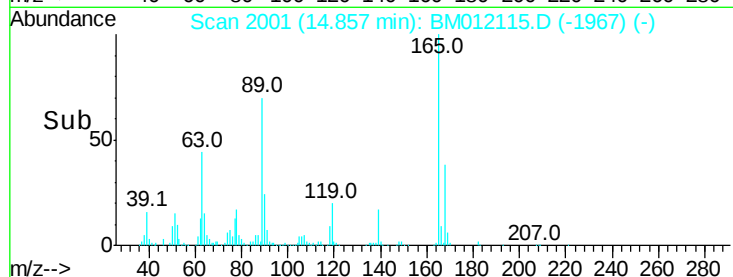
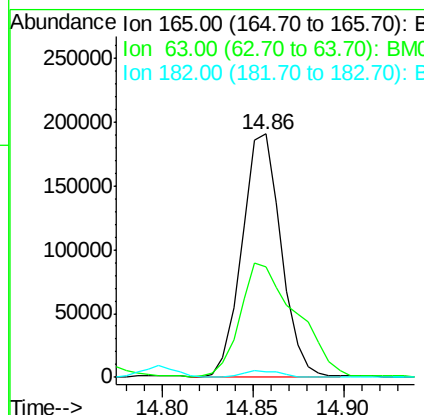
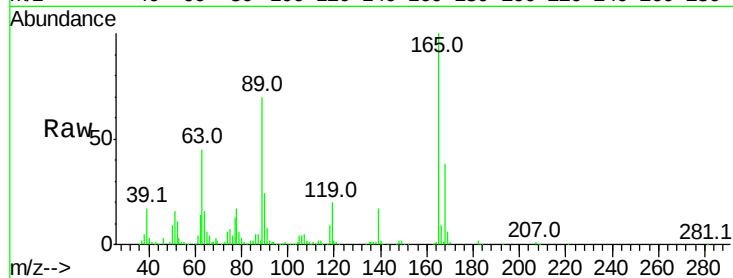




#54  
 2,4-Dinitrotoluene  
 Concen: 19.831 ng/ul  
 RT: 14.86 min Scan# 2001  
 Delta R.T. 0.00 min  
 Lab File: BM012115.D  
 Acq: 13 Oct 2017 01:03

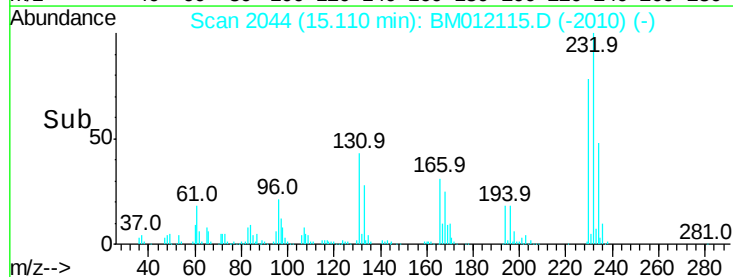
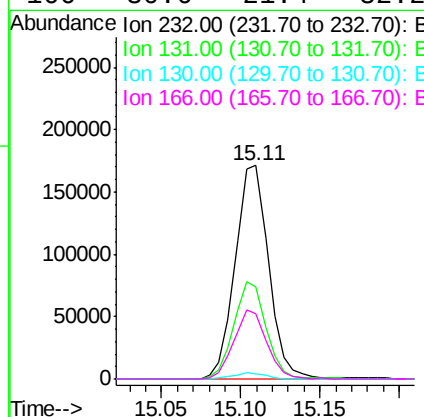
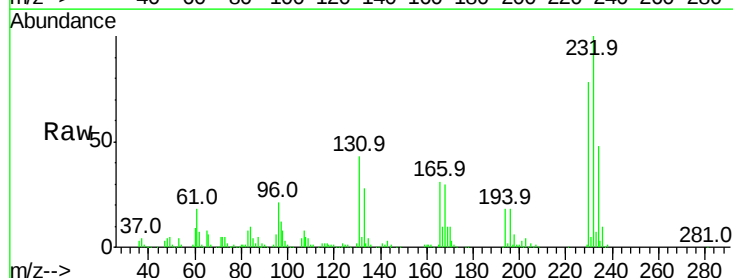
Instrument :  
 BNA\_M  
 ClientSampleId :

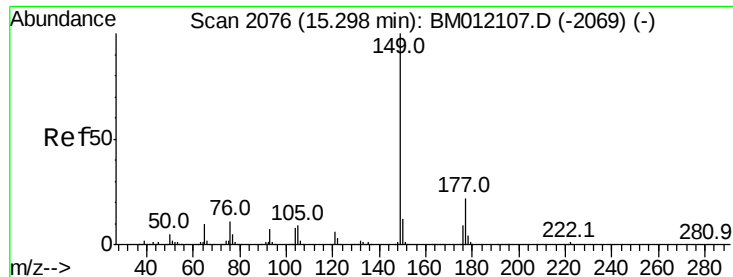
Tot Ion:165 Resp: 285144  
 Ion Ratio Lower Upper  
 165 100  
 63 45.4 45.8 68.8#  
 182 2.2 2.6 4.0#



#55  
 2,3,4,6-Tetrachlorophenol  
 Concen: 19.660 ng/ul  
 RT: 15.11 min Scan# 2044  
 Delta R.T. 0.00 min  
 Lab File: BM012115.D  
 Acq: 13 Oct 2017 01:03

Tgt Ion:232 Resp: 251535  
 Ion Ratio Lower Upper  
 232 100  
 131 42.9 29.0 43.4  
 130 2.4 2.0 3.0  
 166 30.6 21.4 32.2

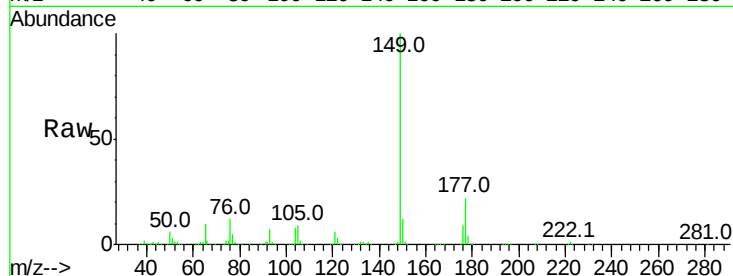




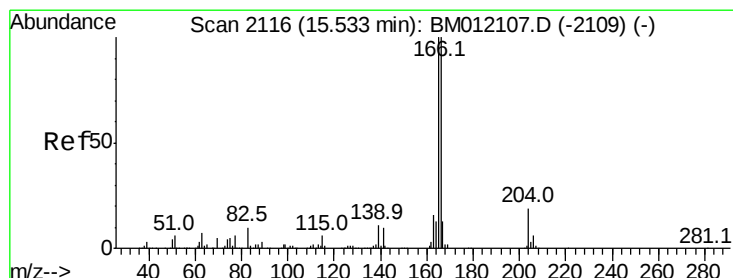
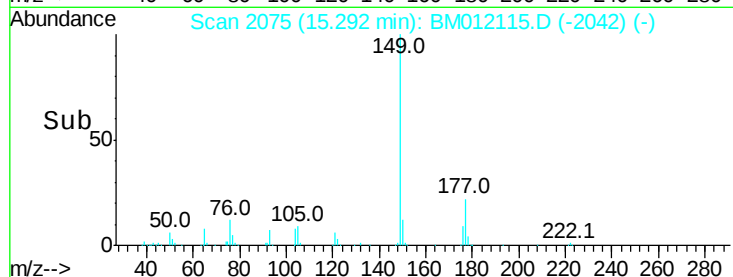
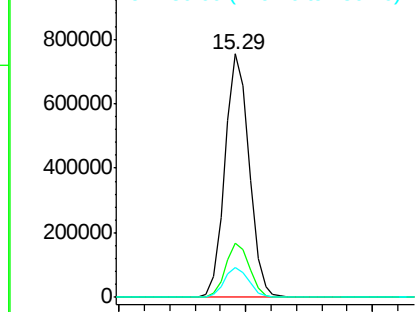
#56  
Diethylphthalate  
Concen: 18.419 ng/ul  
RT: 15.29 min Scan# 2075  
Delta R.T. -0.01 min  
Lab File: BM012115.D  
Acq: 13 Oct 2017 01:03

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 22.0  | 20.5  | 30.7  |
| 150     | 12.4  | 10.6  | 15.8  |

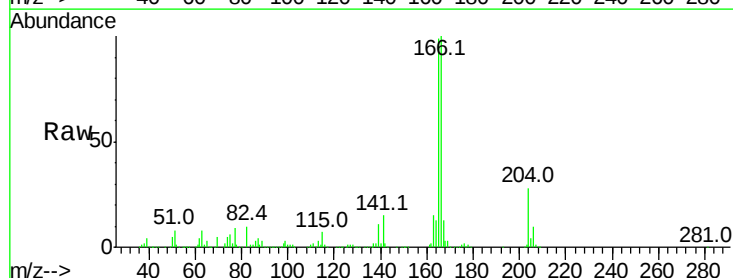


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

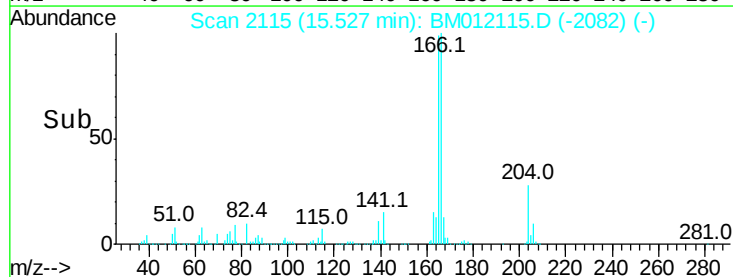
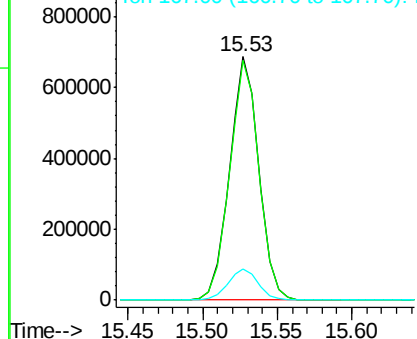


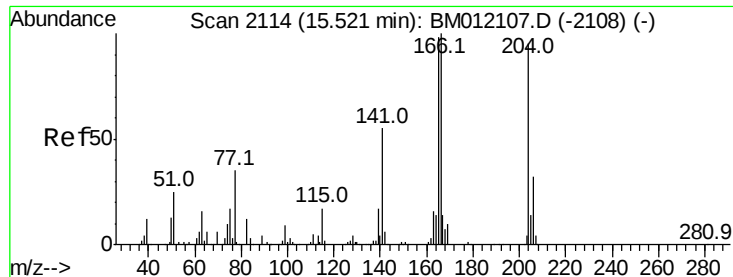
#58  
Fluorene  
Concen: 19.663 ng/ul  
RT: 15.53 min Scan# 2115  
Delta R.T. -0.01 min  
Lab File: BM012115.D  
Acq: 13 Oct 2017 01:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.6  | 77.9  | 116.9 |
| 167     | 13.0  | 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

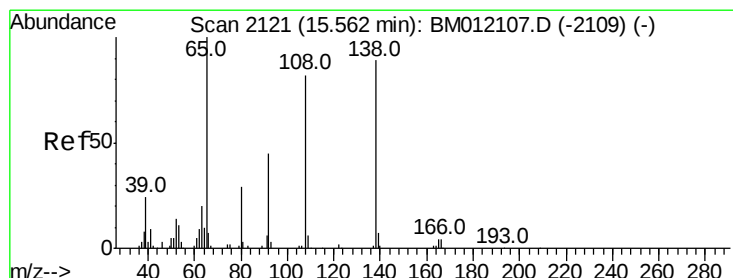
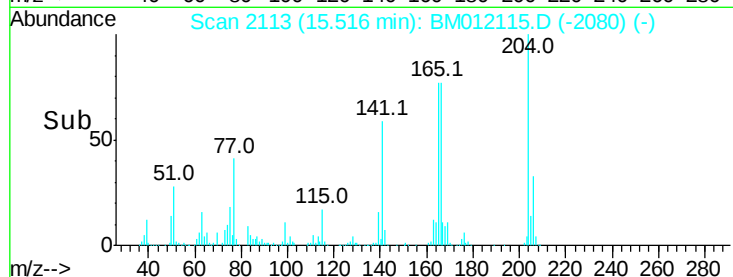
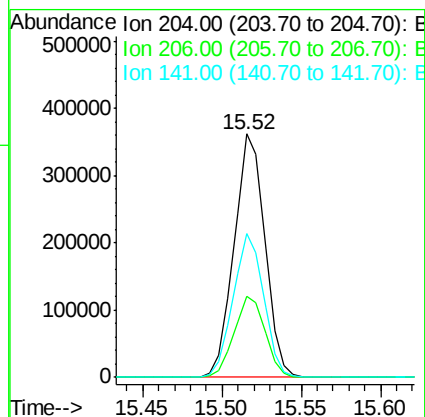
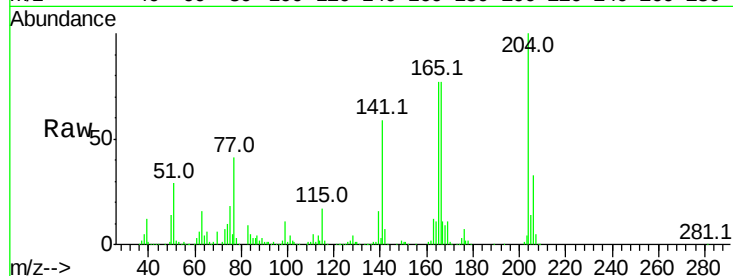




#59  
4-Chlorophenyl-phenylether  
Concen: 19.429 ng/ul  
RT: 15.52 min Scan# 2113  
Delta R.T. -0.01 min  
Lab File: BM012115.D  
Acq: 13 Oct 2017 01:03

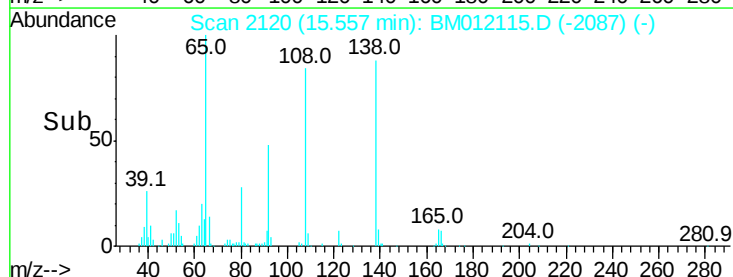
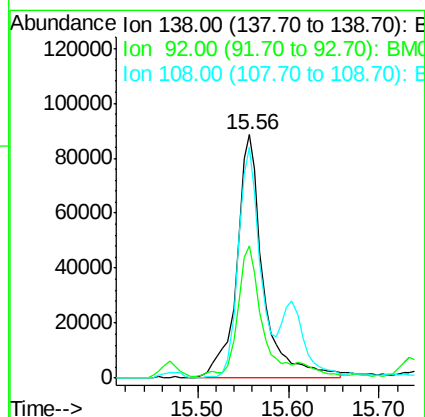
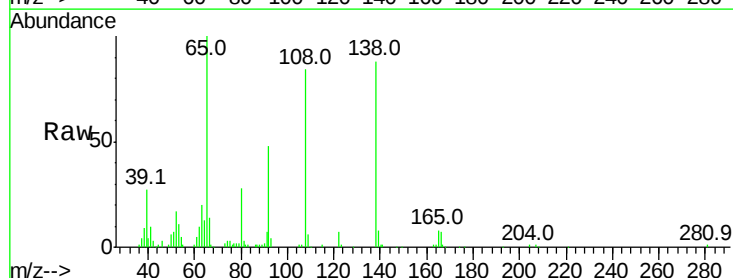
Instrument :  
BNA\_M  
ClientSampleId :

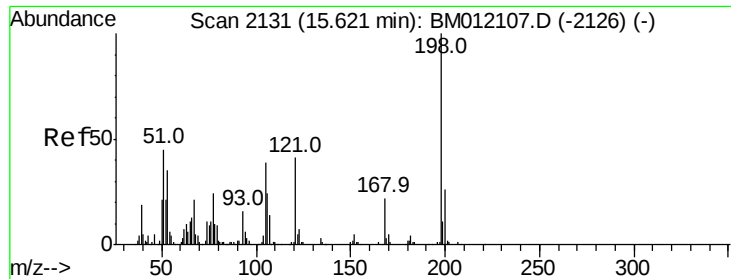
Tot Ion:204 Resp: 487499  
Ion Ratio Lower Upper  
204 100  
206 33.4 24.8 37.2  
141 58.8 44.3 66.5



#60  
4-Nitroaniline  
Concen: 19.084 ng/ul  
RT: 15.56 min Scan# 2120  
Delta R.T. -0.01 min  
Lab File: BM012115.D  
Acq: 13 Oct 2017 01:03

Tgt Ion:138 Resp: 181883  
Ion Ratio Lower Upper  
138 100  
92 54.2 40.0 60.0  
108 94.9 80.0 120.0

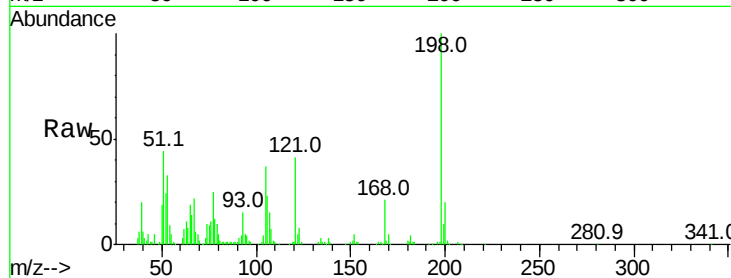




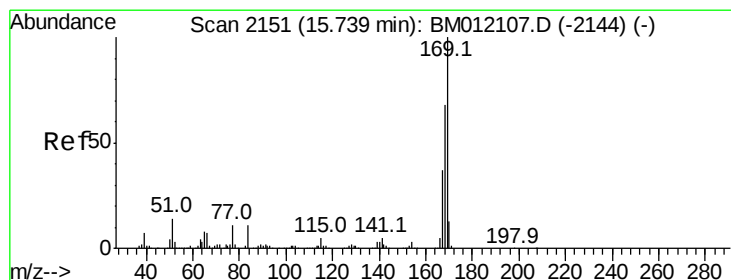
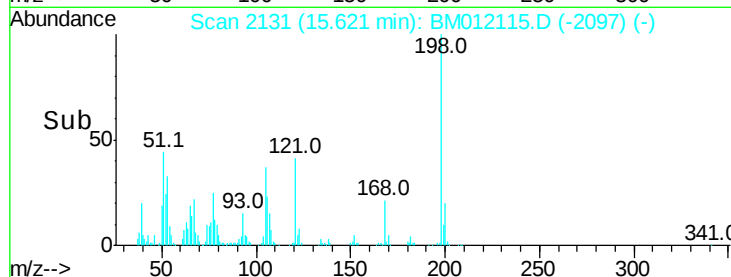
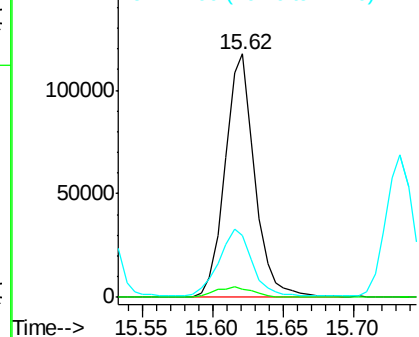
#63  
 4,6-Dinitro-2-methylphenol  
 Concen: 18.339 ng/ul  
 RT: 15.62 min Scan# 2131  
 Delta R.T. 0.00 min  
 Lab File: BM012115.D  
 Acq: 13 Oct 2017 01:03

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:198 Resp: 171423  
 Ion Ratio Lower Upper  
 198 100  
 182 3.6 3.8 5.6#  
 77 25.4 25.2 37.8

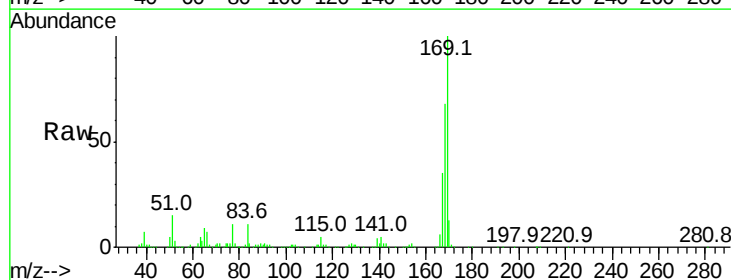


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 77.00 (76.70 to 77.70): E

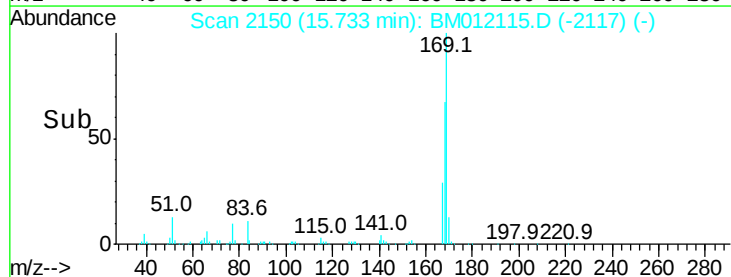
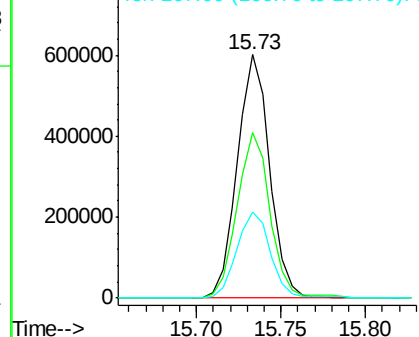


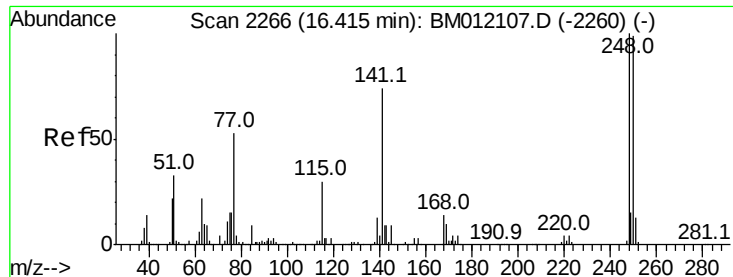
#64  
 N-Nitrosodiphenylamine  
 Concen: 19.882 ng/ul  
 RT: 15.73 min Scan# 2150  
 Delta R.T. -0.01 min  
 Lab File: BM012115.D  
 Acq: 13 Oct 2017 01:03

Tgt Ion:169 Resp: 802887  
 Ion Ratio Lower Upper  
 169 100  
 168 67.7 54.0 81.0  
 167 35.3 29.1 43.7



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: 19.778 ng/ul

RT: 16.42 min Scan# 2266

Delta R.T. 0.00 min

Lab File: BM012115.D

Acq: 13 Oct 2017 01:03

Instrument :

BNA\_M

ClientSampled :

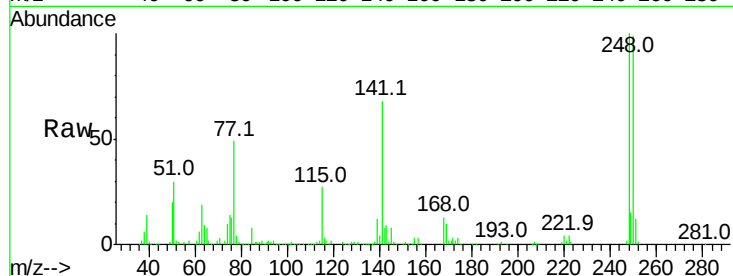
Tot Ion:248 Resp: 305442

Ion Ratio Lower Upper

248 100

250 99.2 80.5 120.7

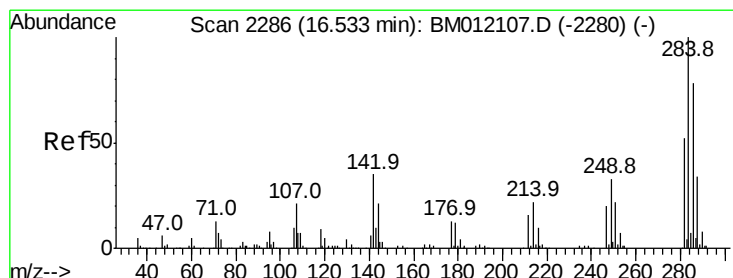
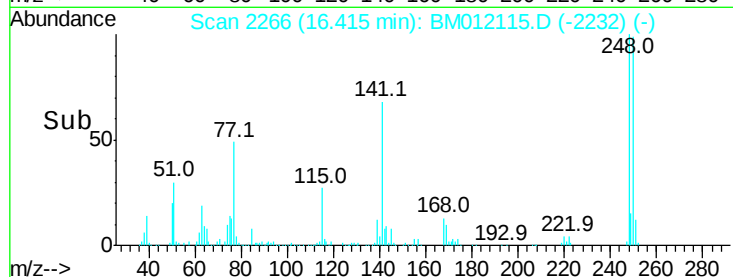
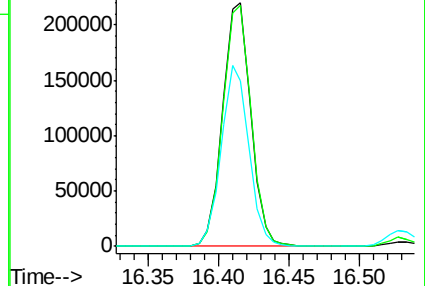
141 68.0 53.6 80.4



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#66

Hexachlorobenzene

Concen: 19.753 ng/ul

RT: 16.53 min Scan# 2286

Delta R.T. 0.00 min

Lab File: BM012115.D

Acq: 13 Oct 2017 01:03

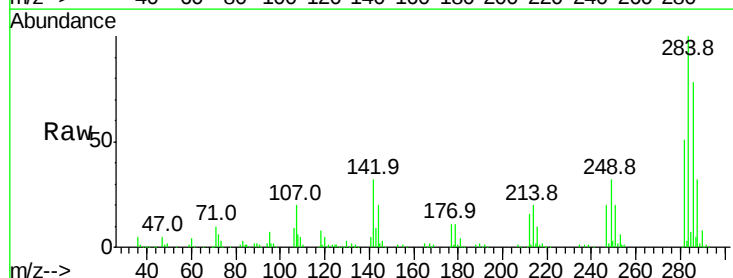
Tgt Ion:284 Resp: 345592

Ion Ratio Lower Upper

284 100

142 32.5 21.2 31.8#

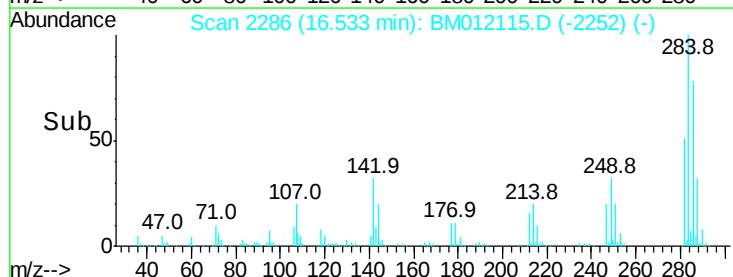
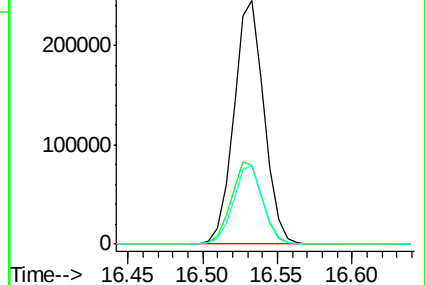
249 32.1 24.5 36.7

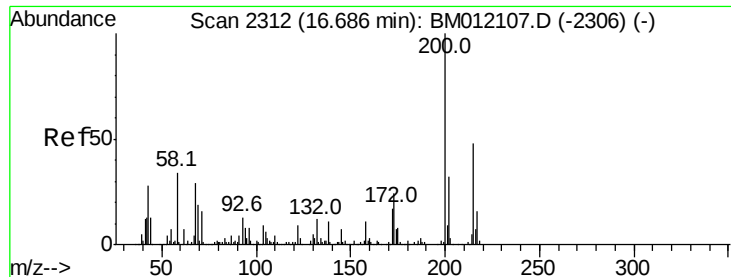


Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

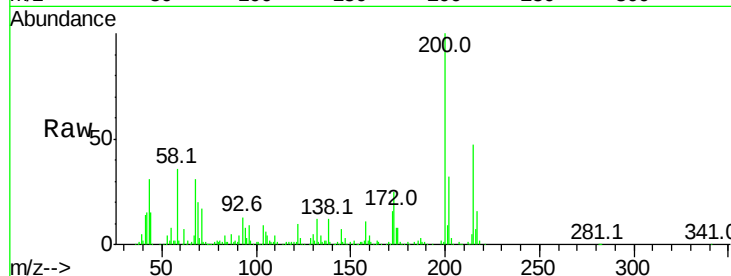




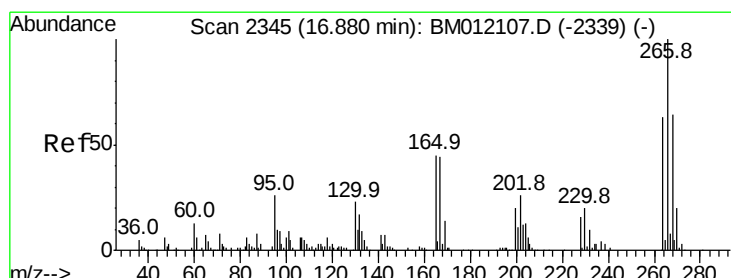
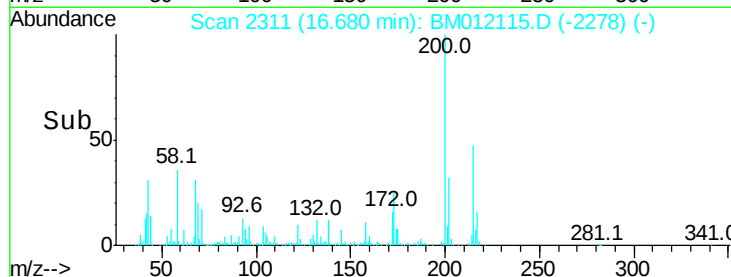
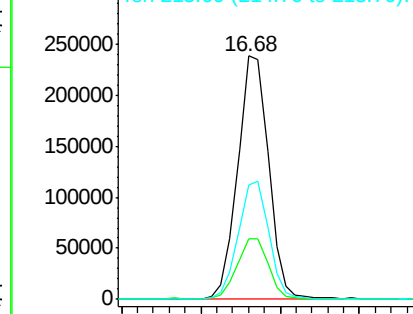
#67  
 Atrazine  
 Concen: 19.229 ng/ul  
 RT: 16.68 min Scan# 2311  
 Delta R.T. -0.01 min  
 Lab File: BM012115.D  
 Acq: 13 Oct 2017 01:03

Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 24.9  | 18.2  | 27.2  |
| 215     | 46.7  | 35.0  | 52.4  |

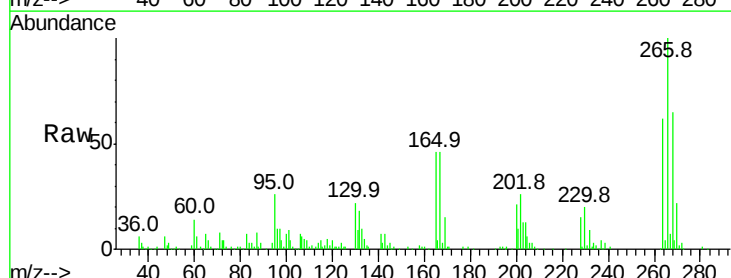


Abundance Ion 200.00 (199.70 to 200.70): E  
 Ion 173.00 (172.70 to 173.70): E  
 Ion 215.00 (214.70 to 215.70): E

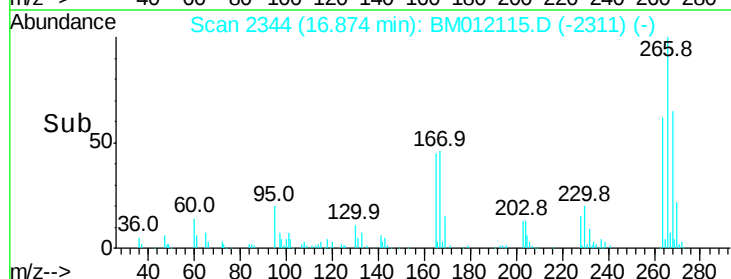
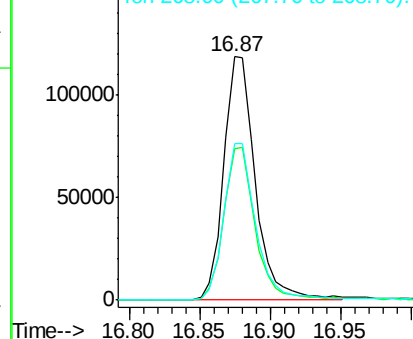


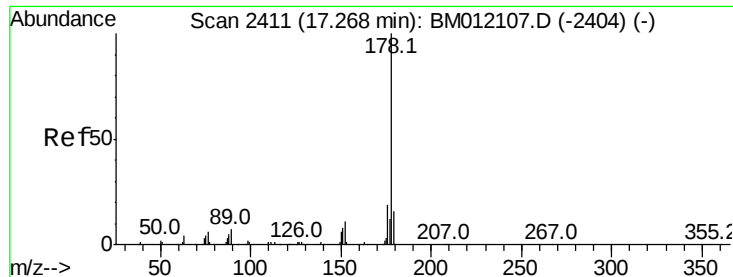
#68  
 Pentachlorophenol  
 Concen: 18.991 ng/ul  
 RT: 16.87 min Scan# 2344  
 Delta R.T. -0.01 min  
 Lab File: BM012115.D  
 Acq: 13 Oct 2017 01:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 62.4  | 49.3  | 73.9  |
| 268     | 64.6  | 52.6  | 78.8  |



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





#69

Phenanthrene

Concen: 19.612 ng/ul

RT: 17.27 min Scan# 2411

Delta R.T. 0.00 min

Lab File: BM012115.D

Acq: 13 Oct 2017 01:03

Instrument :

BNA\_M

ClientSampleId :

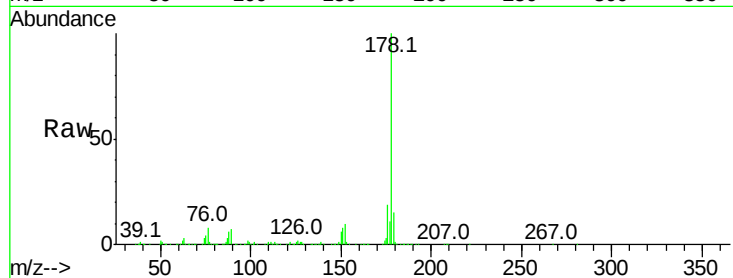
Tot Ion:178 Resp: 1439391

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 15.1  | 12.6  | 19.0  |
| 176 | 19.5  | 14.9  | 22.3  |

178 100

179 15.1 12.6 19.0

176 19.5 14.9 22.3

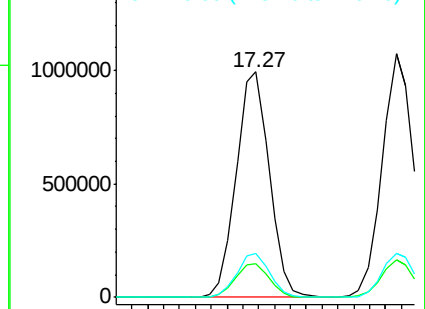


Abundance

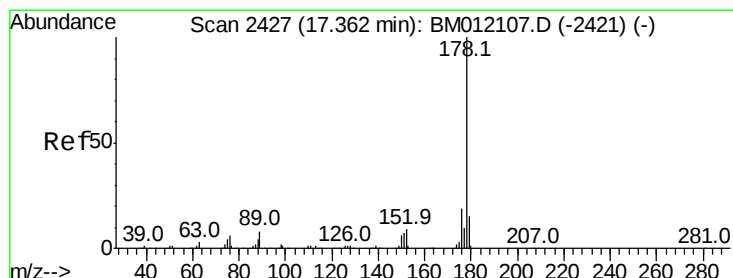
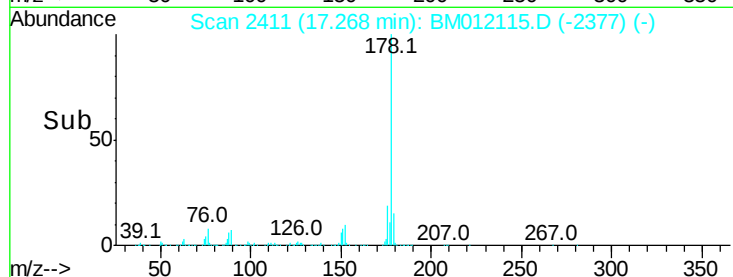
Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#71

Anthracene

Concen: 19.733 ng/ul

RT: 17.36 min Scan# 2426

Delta R.T. -0.01 min

Lab File: BM012115.D

Acq: 13 Oct 2017 01:03

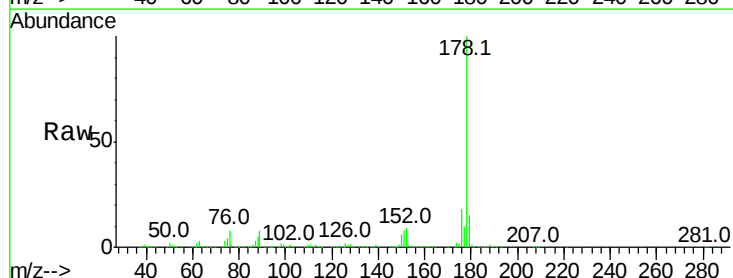
Tgt Ion:178 Resp: 1499367

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 15.2  | 11.7  | 17.5  |
| 176 | 18.3  | 14.6  | 21.8  |

178 100

179 15.2 11.7 17.5

176 18.3 14.6 21.8

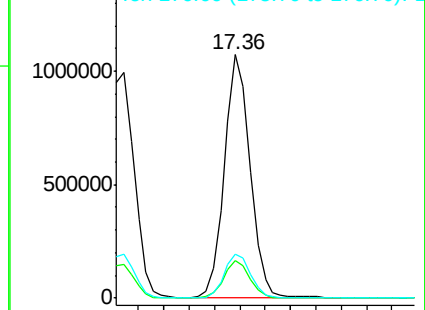


Abundance

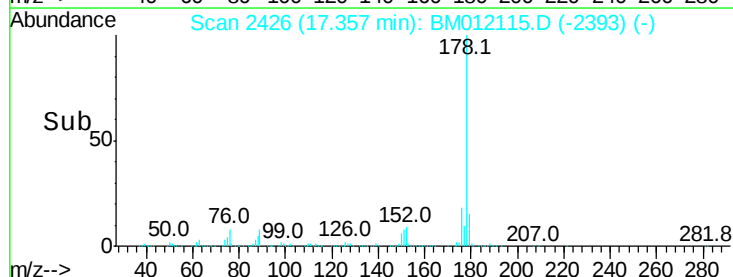
Ion 178.00 (177.70 to 178.70): E

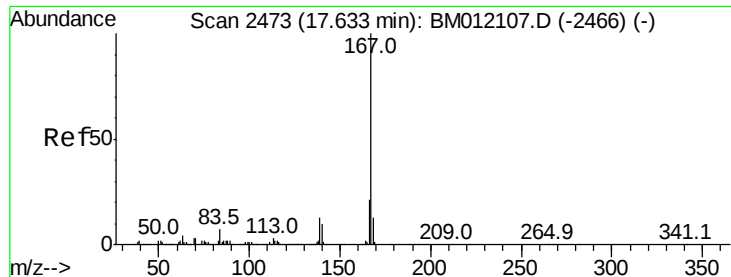
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->





#72

Carbazole

Concen: 19.521 ng/ul

RT: 17.63 min Scan# 2473

Delta R.T. 0.00 min

Lab File: BM012115.D

Acq: 13 Oct 2017 01:03

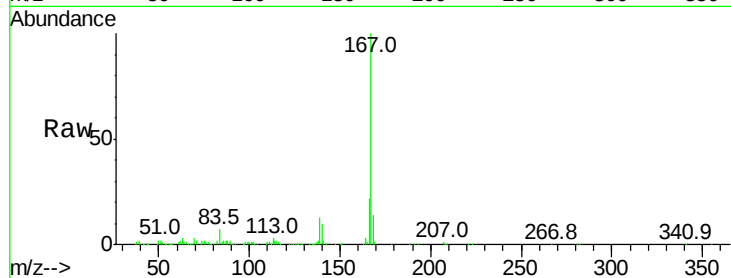
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:167 Resp: 1255280

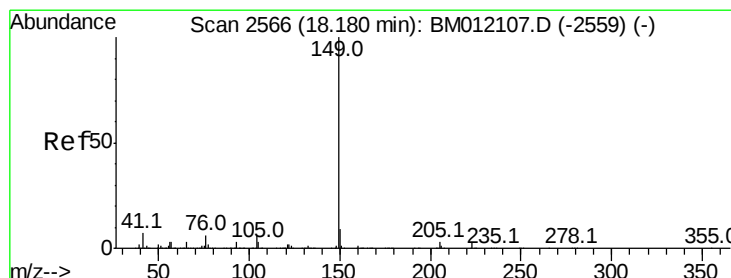
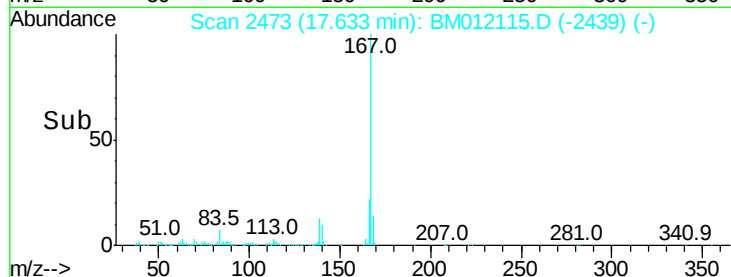
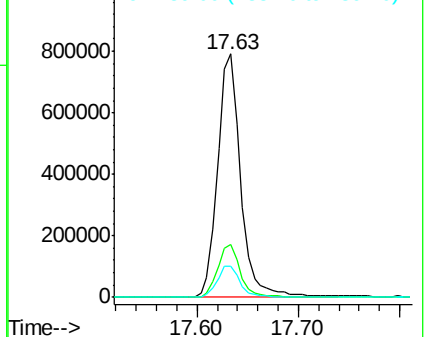
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.7  | 17.1  | 25.7  |
| 139 | 12.9  | 10.0  | 15.0  |



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: 18.917 ng/ul

RT: 18.18 min Scan# 2566

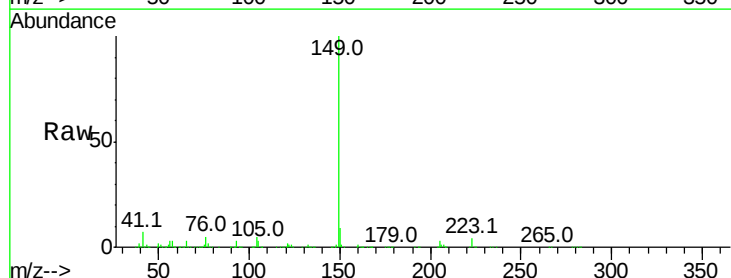
Delta R.T. 0.00 min

Lab File: BM012115.D

Acq: 13 Oct 2017 01:03

Tgt Ion:149 Resp: 1688907

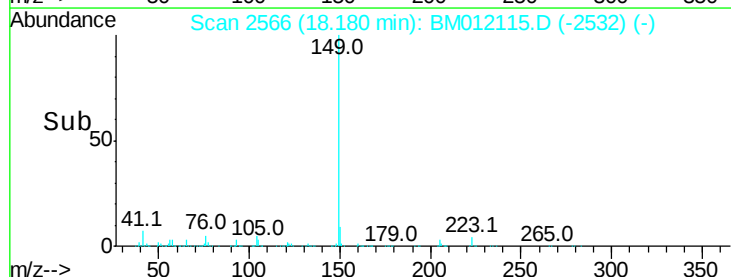
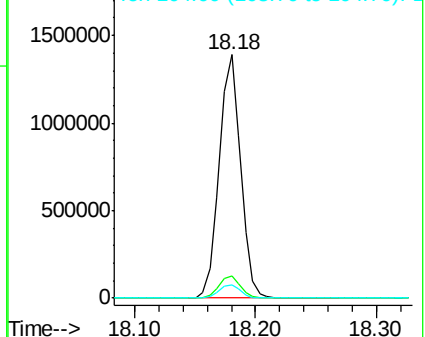
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.3   | 7.1   | 10.7  |
| 104 | 5.2   | 5.6   | 8.4   |

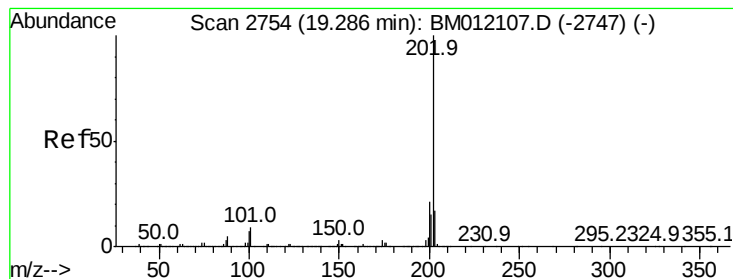


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 19.380 ng/ul

RT: 19.28 min Scan# 2753

Delta R.T. -0.01 min

Lab File: BM012115.D

Acq: 13 Oct 2017 01:03

Instrument :

BNA\_M

ClientSampleId :

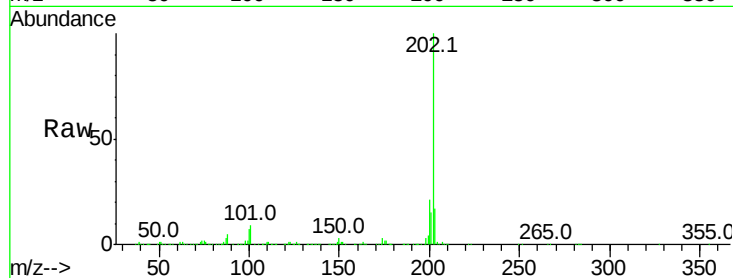
Tot Ion:202 Resp: 1716528

Ion Ratio Lower Upper

202 100

101 9.1 4.6 7.0#

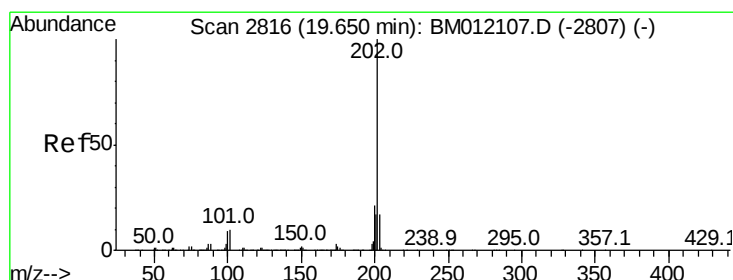
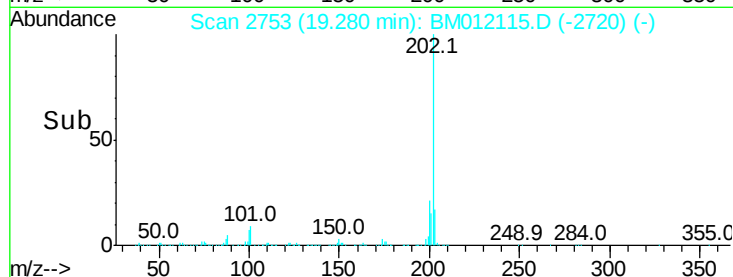
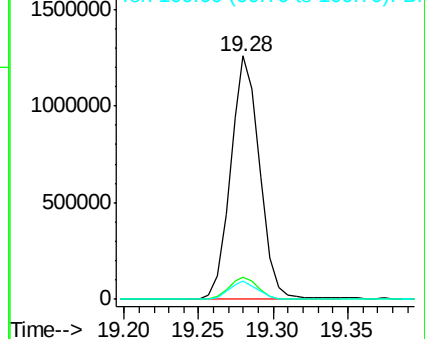
100 7.4 3.4 5.2#



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: 19.780 ng/ul

RT: 19.64 min Scan# 2815

Delta R.T. -0.01 min

Lab File: BM012115.D

Acq: 13 Oct 2017 01:03

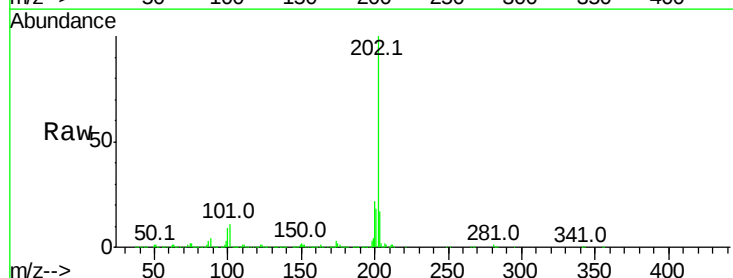
Tgt Ion:202 Resp: 1792094

Ion Ratio Lower Upper

202 100

101 11.1 5.1 7.7#

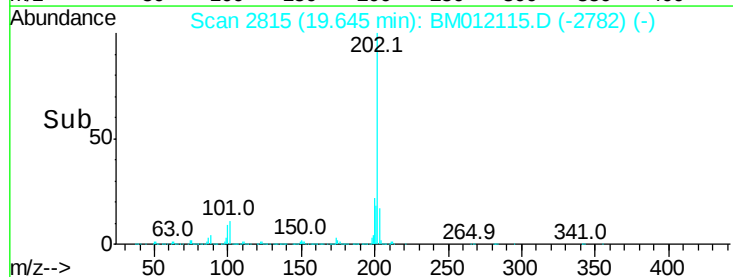
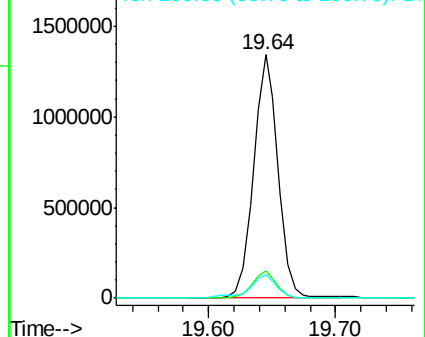
100 9.5 4.9 7.3#

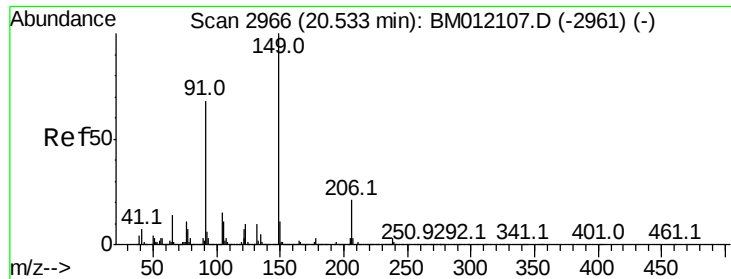


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#78

Butylbenzylphthalate

Concen: 19.596 ng/ul

RT: 20.53 min Scan# 2965

Delta R.T. -0.01 min

Lab File: BM012115.D

Acq: 13 Oct 2017 01:03

Instrument :

BNA\_M

ClientSampleId :

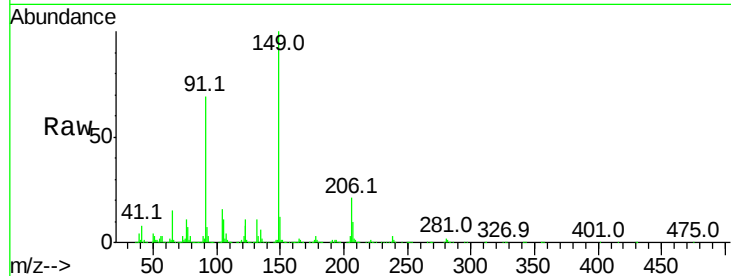
Tot Ion:149 Resp: 790319

Ion Ratio Lower Upper

149 100

91 69.4 62.7 94.1

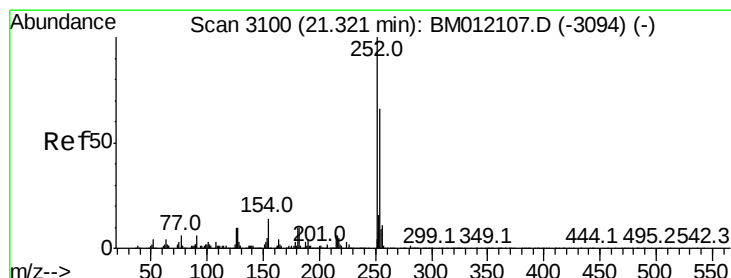
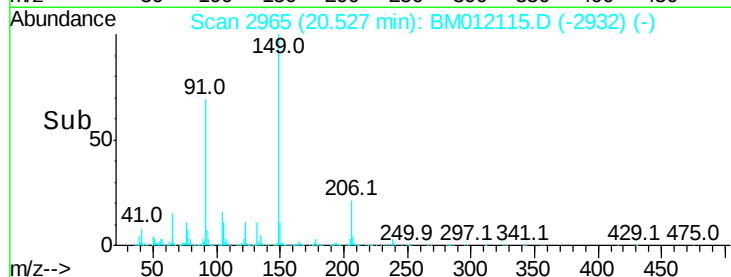
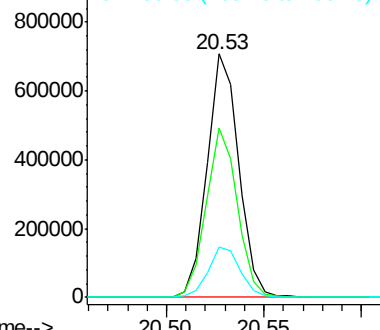
206 20.8 20.8 31.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



#79

3,3'-Dichlorobenzidine

Concen: 18.653 ng/ul

RT: 21.32 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM012115.D

Acq: 13 Oct 2017 01:03

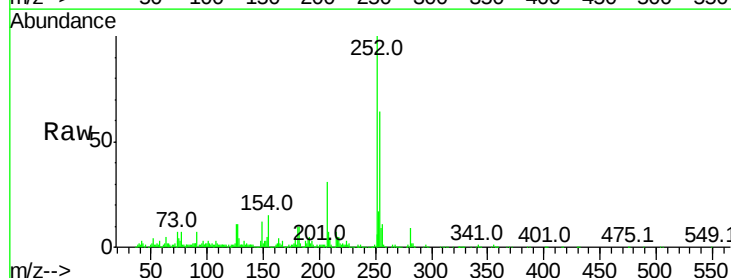
Tgt Ion:252 Resp: 509286

Ion Ratio Lower Upper

252 100

254 64.2 54.5 81.7

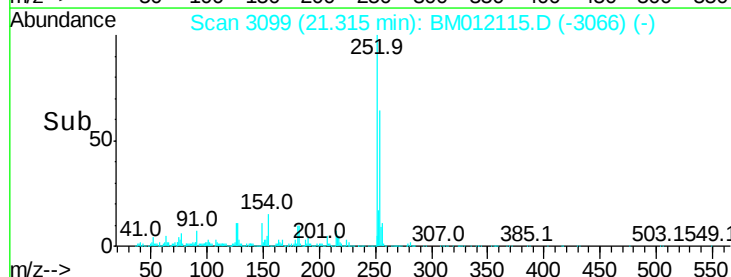
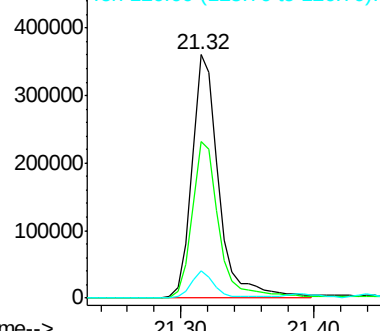
126 11.0 5.8 8.8#

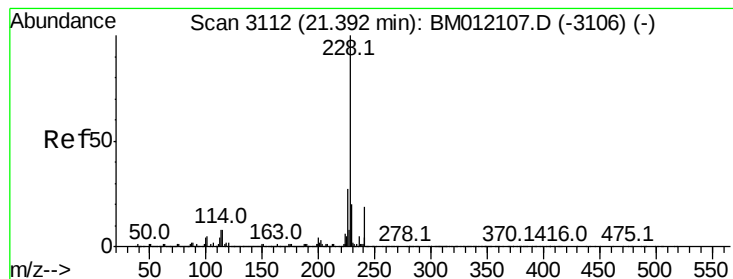


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#80

Benzo(a)anthracene

Concen: 19.371 ng/ul

RT: 21.39 min Scan# 3111

Delta R.T. -0.01 min

Lab File: BM012115.D

Acq: 13 Oct 2017 01:03

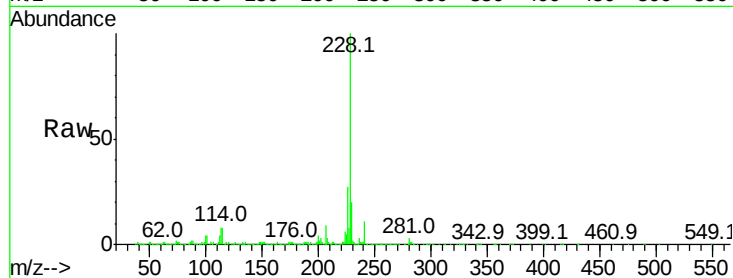
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:228 Resp: 1729184

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 229 | 19.6  | 15.4  | 23.0  |
| 226 | 26.7  | 21.4  | 32.0  |

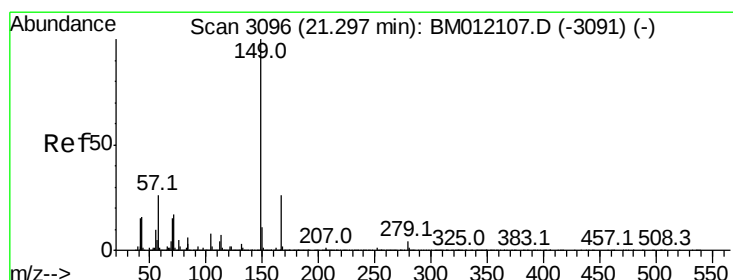
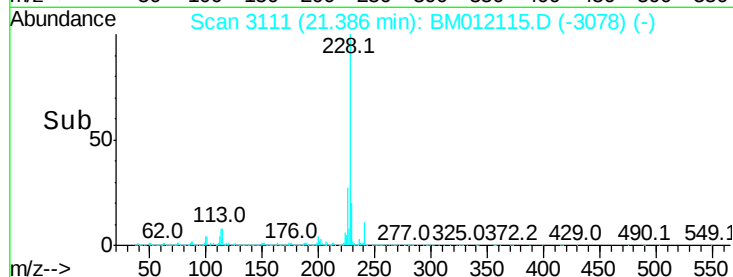
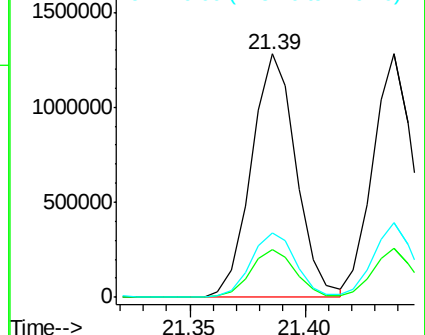


Abundance

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: 19.234 ng/ul

RT: 21.30 min Scan# 3096

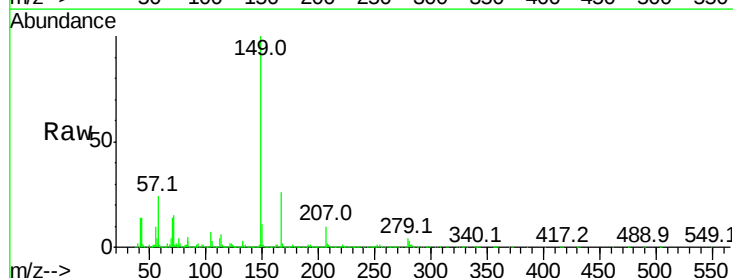
Delta R.T. 0.00 min

Lab File: BM012115.D

Acq: 13 Oct 2017 01:03

Tgt Ion:149 Resp: 1163978

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 26.4  | 22.8  | 34.2  |
| 279 | 4.4   | 4.9   | 7.3#  |

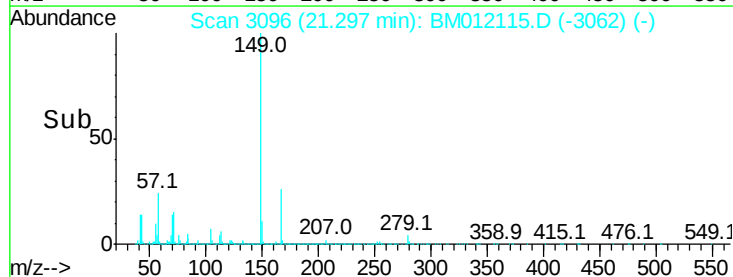
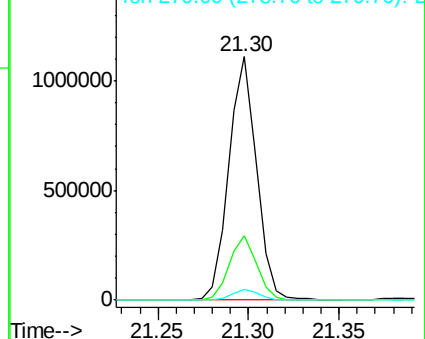


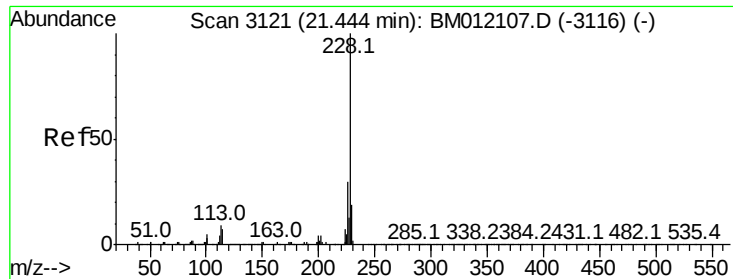
Abundance

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: 18.960 ng/ul

RT: 21.44 min Scan# 3120

Delta R.T. -0.01 min

Lab File: BM012115.D

Acq: 13 Oct 2017 01:03

Instrument :

BNA\_M

ClientSampleId :

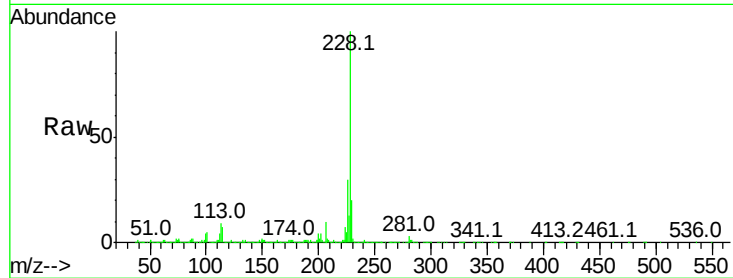
Tot Ion:228 Resp: 1589060

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 30.5  | 23.4  | 35.2  |
| 229 | 20.0  | 15.5  | 23.3  |

228 100

226 30.5 23.4 35.2

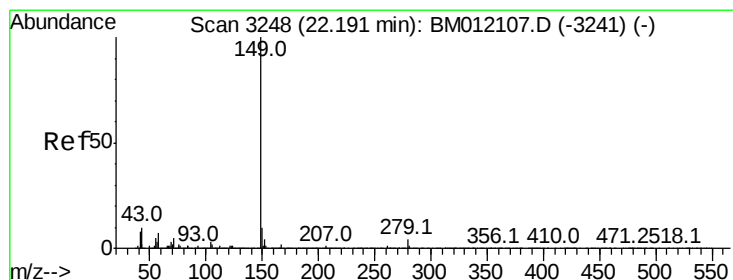
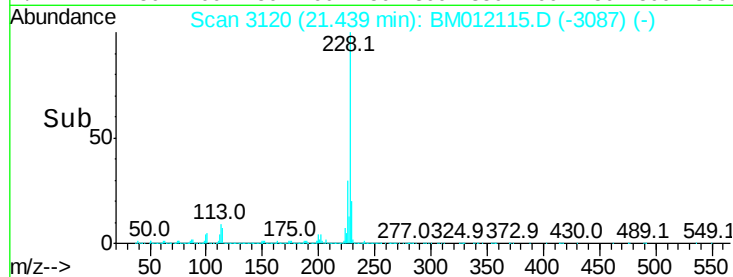
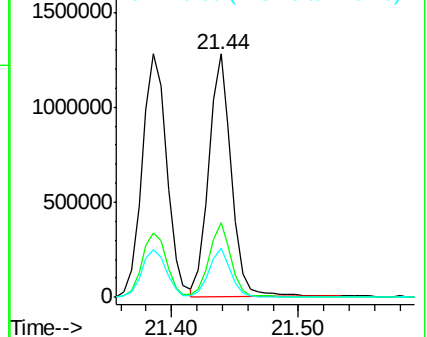
229 20.0 15.5 23.3



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: 20.324 ng/ul

RT: 22.19 min Scan# 3248

Delta R.T. 0.00 min

Lab File: BM012115.D

Acq: 13 Oct 2017 01:03

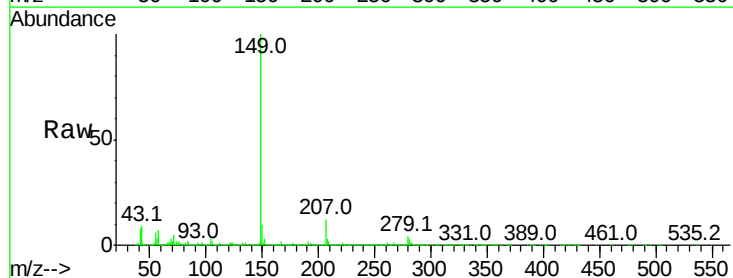
Tgt Ion:149 Resp: 1913488

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 1.7   | 1.3   | 1.9   |
| 43  | 9.4   | 7.3   | 10.9  |

149 100

167 1.7 1.3 1.9

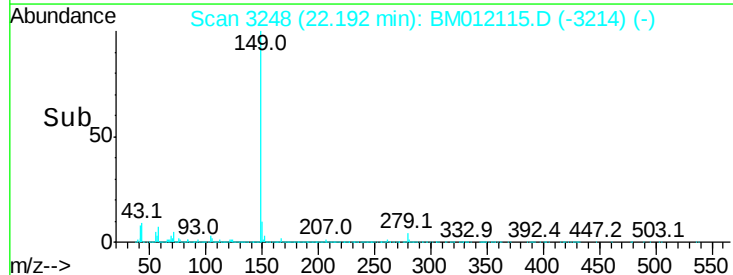
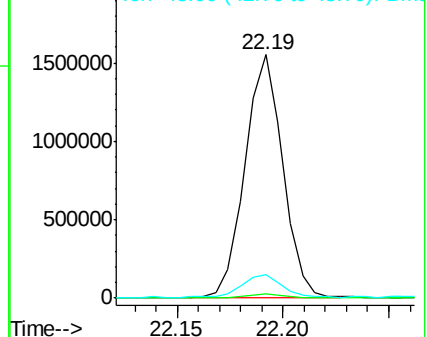
43 9.4 7.3 10.9

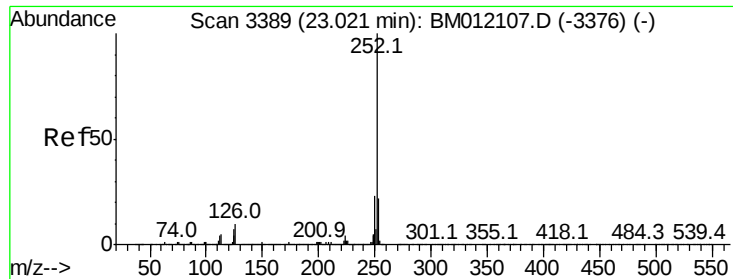


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#85

Benzo(b)fluoranthene

Concen: 19.186 ng/ul

RT: 23.02 min Scan# 3388

Delta R.T. -0.01 min

Lab File: BM012115.D

Acq: 13 Oct 2017 01:03

Instrument :

BNA\_M

ClientSampleId :

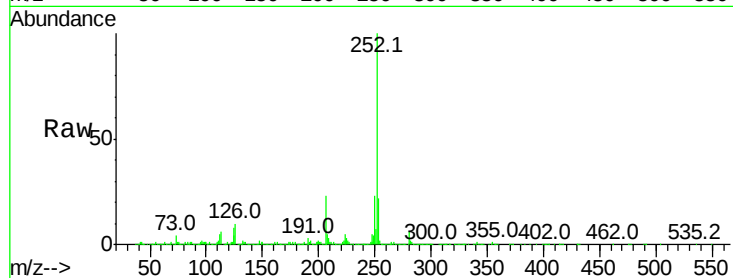
Tot Ion:252 Resp: 1612396

Ion Ratio Lower Upper

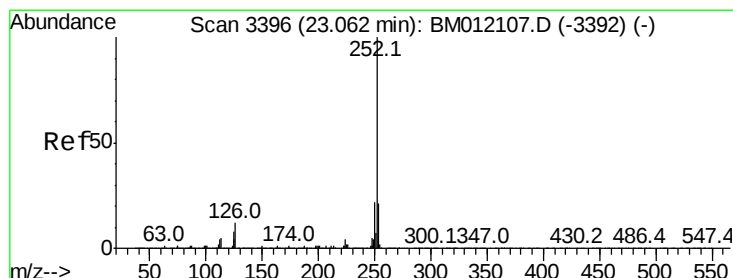
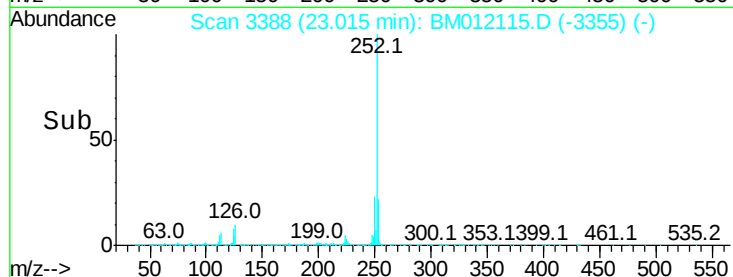
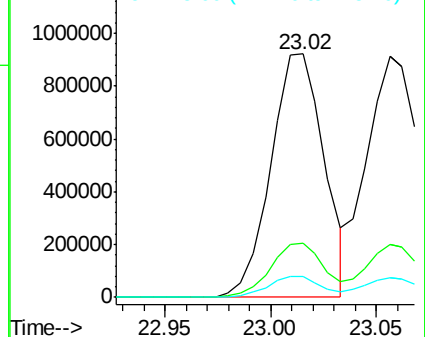
252 100

253 22.1 17.9 26.9

125 8.4 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: 20.367 ng/ul

RT: 23.06 min Scan# 3395

Delta R.T. -0.01 min

Lab File: BM012115.D

Acq: 13 Oct 2017 01:03

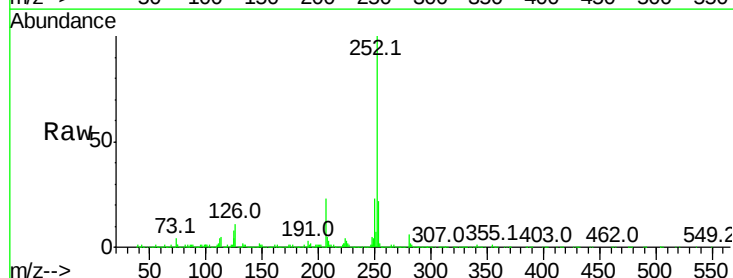
Tgt Ion:252 Resp: 1649427

Ion Ratio Lower Upper

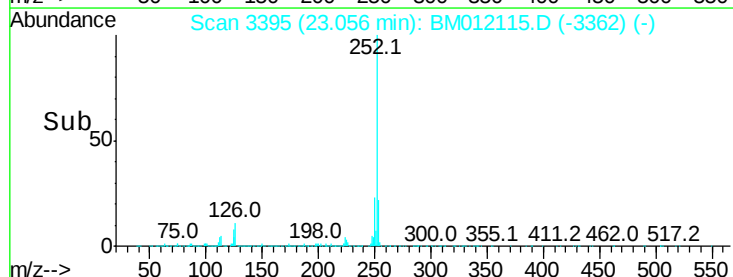
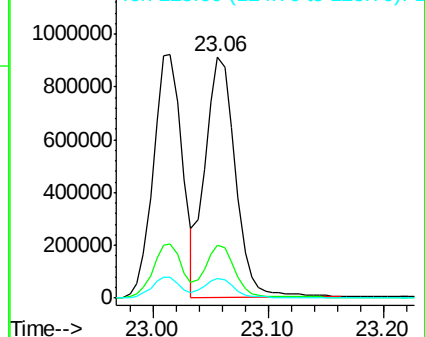
252 100

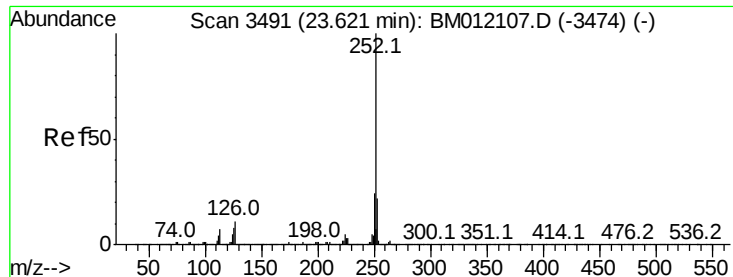
253 22.0 17.1 25.7

125 8.0 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: 19.578 ng/ul

RT: 23.61 min Scan# 3489

Delta R.T. -0.01 min

Lab File: BM012115.D

Acq: 13 Oct 2017 01:03

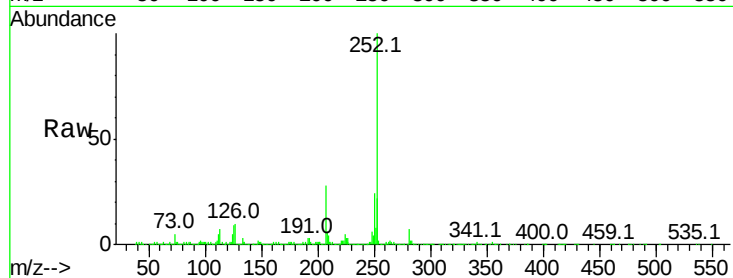
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:252 Resp: 1550726

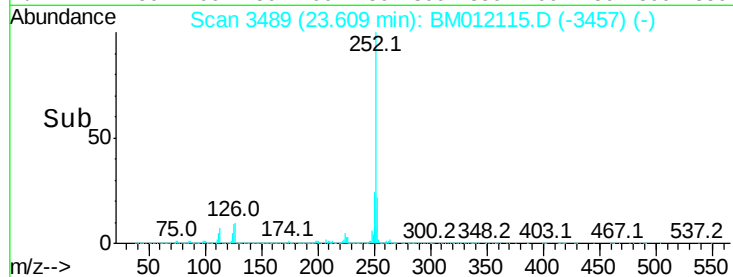
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.9  | 18.2  | 27.2  |
| 125 | 9.1   | 4.0   | 6.0   |



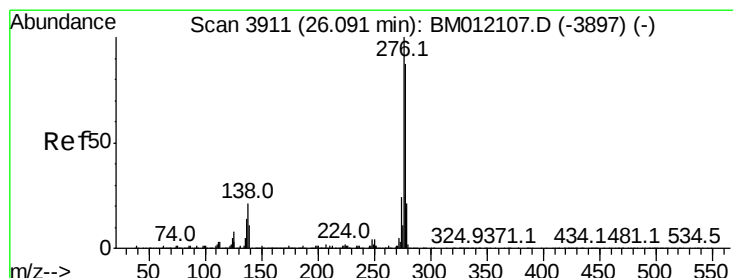
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#89

Indeno(1,2,3-cd)pyrene

Concen: 19.744 ng/ul

RT: 26.08 min Scan# 3909

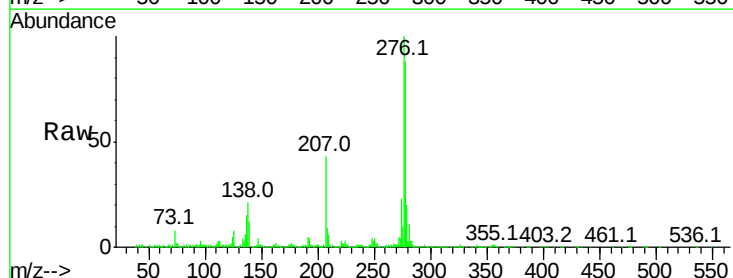
Delta R.T. -0.01 min

Lab File: BM012115.D

Acq: 13 Oct 2017 01:03

Tgt Ion:276 Resp: 1660710

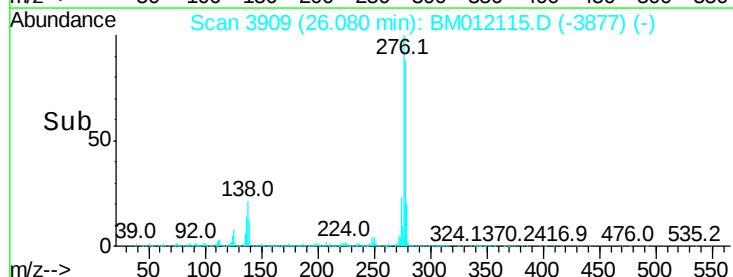
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 20.9  | 9.3   | 13.9  |
| 277 | 25.7  | 19.9  | 29.9  |



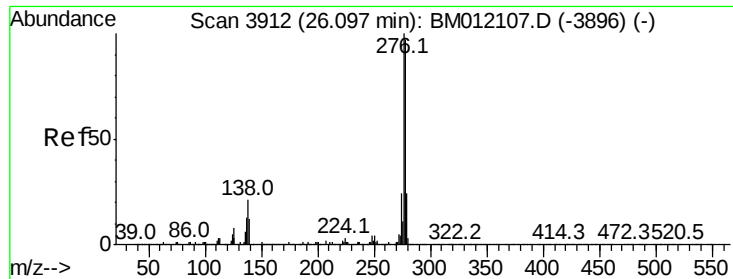
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->

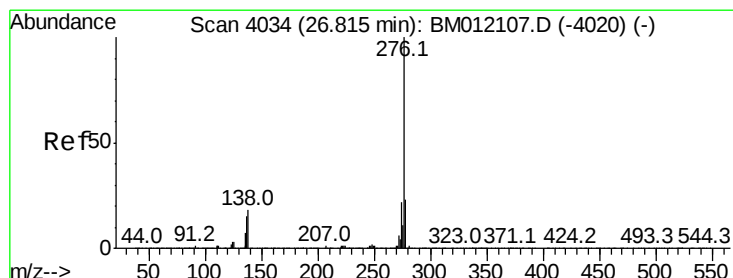
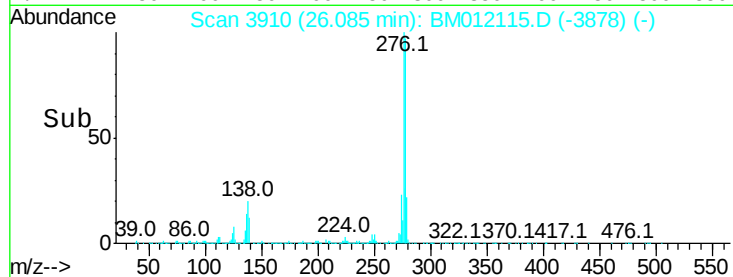
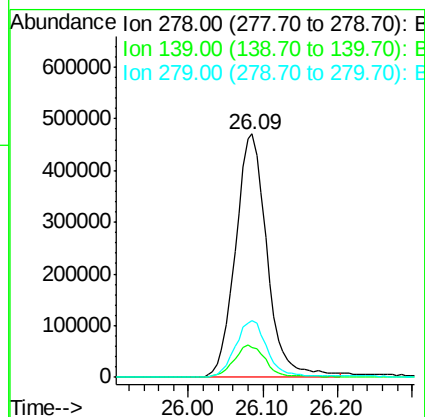
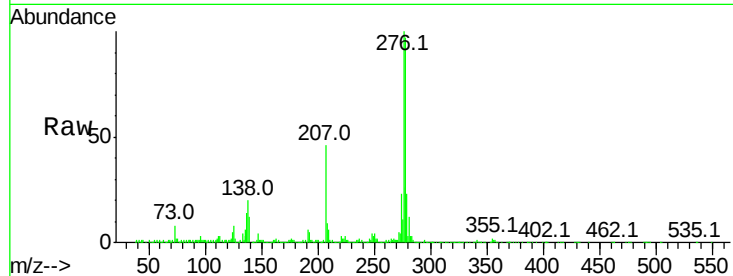


#90  
Dibenzo(a,h)anthracene  
Concen: 19.554 ng/ul  
RT: 26.09 min Scan# 3910  
Delta R.T. -0.01 min  
Lab File: BM012115.D  
Acq: 13 Oct 2017 01:03

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:278 Resp: 1382618  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 12.5  | 5.8   | 8.8#  |
| 279 | 23.5  | 18.6  | 27.8  |



#91  
Benzo(g,h,i)perylene  
Concen: 19.825 ng/ul  
RT: 26.81 min Scan# 4033  
Delta R.T. -0.01 min  
Lab File: BM012115.D  
Acq: 13 Oct 2017 01:03

Tgt Ion:276 Resp: 1365805  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 16.7  | 8.5   | 12.7# |
| 277 | 23.3  | 18.6  | 28.0  |

