

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG051915\  
 Data File : BG017205.D  
 Acq On : 19 May 2015 19:15  
 Operator : TP/IZ  
 Sample : G2278-03MSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-11(16-18)MSD

Quant Time: May 20 02:34:11 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG051315.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 20 02:03:07 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.69  | 152  | 42164    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.49 | 136  | 177428   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.36 | 164  | 123969   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.11 | 188  | 278274   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.29 | 240  | 301889   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 23.55 | 264  | 293016   | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.29  | 112 | 382407  | 160.91 | ng | 0.00 |
| 7) Phenol-d6             | 6.90  | 99  | 520867  | 156.18 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.86  | 82  | 344508  | 90.65  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 15.85 | 330 | 237519  | 158.50 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 12.98 | 172 | 708815  | 83.90  | ng | 0.00 |
| 78) Terphenyl-d14        | 19.74 | 244 | 1212810 | 83.72  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |       |    | Qvalue |
|--------------------------------|-------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.16  | 88  | 36712  | 39.15 | ng | 97     |
| 3) Pyridine                    | 3.56  | 79  | 115477 | 40.71 | ng | 94     |
| 4) n-Nitrosodimethylamine      | 3.47  | 42  | 87178  | 40.49 | ng | # 99   |
| 6) Aniline                     | 7.03  | 93  | 153522 | 33.27 | ng | 98     |
| 8) 2-Chlorophenol              | 7.27  | 128 | 133788 | 47.06 | ng | 95     |
| 9) Benzaldehyde                | 6.84  | 77  | 31714  | 12.00 | ng | 92     |
| 10) Phenol                     | 6.92  | 94  | 179820 | 50.84 | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 7.13  | 93  | 124619 | 46.99 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 7.58  | 146 | 136793 | 43.08 | ng | 93     |
| 13) 1,4-Dichlorobenzene        | 7.73  | 146 | 140550 | 43.85 | ng | 95     |
| 14) 1,2-Dichlorobenzene        | 8.05  | 146 | 133892 | 43.74 | ng | 99     |
| 15) Benzyl Alcohol             | 7.95  | 79  | 145607 | 44.94 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.23  | 45  | 204616 | 47.59 | ng | 100    |
| 17) 2-Methylphenol             | 8.16  | 107 | 124045 | 48.37 | ng | 91     |
| 18) Hexachloroethane           | 8.77  | 117 | 57628  | 43.05 | ng | 91     |
| 19) n-Nitroso-di-n-propylamine | 8.50  | 70  | 119233 | 41.03 | ng | 96     |
| 20) 3+4-Methylphenols          | 8.49  | 107 | 173499 | 48.68 | ng | 96     |
| 22) Acetophenone               | 8.52  | 105 | 203343 | 47.22 | ng | # 92   |
| 24) Nitrobenzene               | 8.90  | 77  | 173789 | 46.74 | ng | 98     |
| 25) Isophorone                 | 9.42  | 82  | 319267 | 45.58 | ng | # 97   |
| 26) 2-Nitrophenol              | 9.61  | 139 | 80390  | 48.36 | ng | 93     |
| 27) 2,4-Dimethylphenol         | 9.69  | 122 | 134729 | 49.25 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 9.91  | 93  | 163904 | 48.06 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.16 | 162 | 141167 | 54.70 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.35 | 180 | 135750 | 46.37 | ng | 95     |
| 31) Naphthalene                | 10.54 | 128 | 404179 | 46.55 | ng | 98     |
| 32) Benzoic acid               | 9.77  | 122 | 8196   | 4.42  | ng | 93     |
| 33) 4-Chloroaniline            | 10.66 | 127 | 128732 | 31.35 | ng | 95     |
| 34) Hexachlorobutadiene        | 10.82 | 225 | 86409  | 46.61 | ng | 96     |
| 35) Caprolactam                | 11.44 | 113 | 66573m | 51.31 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 11.82 | 107 | 173764 | 53.29 | ng | 98     |
| 37) 2-Methylnaphthalene        | 12.16 | 142 | 309822 | 44.99 | ng | 97     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.53 | 216 | 153715 | 43.83 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 12.51 | 237 | 196563 | 91.87 | ng | 95     |

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 ALS Vial : 7 Sample Multiplier: 1

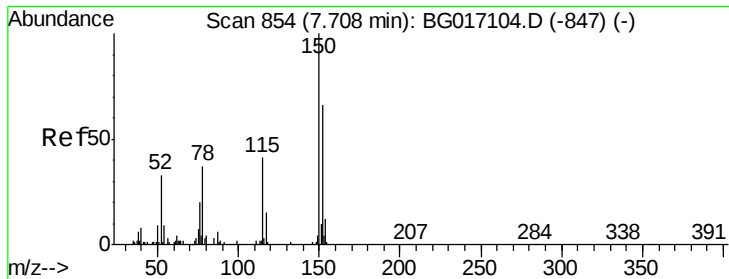
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-11(16-18)MSD

Quant Time: May 20 02:34:11 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG051315.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 20 02:03:07 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 12.79 | 196  | 120263   | 48.34 | ng    | 99       |
| 43) 2,4,5-Trichlorophenol      | 12.88 | 196  | 130731   | 51.00 | ng    | 97       |
| 45) 1,1'-Biphenyl              | 13.19 | 154  | 393751   | 44.10 | ng    | 98       |
| 46) 2-Chloronaphthalene        | 13.22 | 162  | 317125   | 44.86 | ng    | 97       |
| 47) 2-Nitroaniline             | 13.44 | 65   | 132355   | 48.12 | ng    | 99       |
| 48) Acenaphthylene             | 14.07 | 152  | 546091   | 45.10 | ng    | 97       |
| 49) Dimethylphthalate          | 13.82 | 163  | 502888   | 51.88 | ng    | 98       |
| 50) 2,6-Dinitrotoluene         | 13.94 | 165  | 103283   | 48.08 | ng    | 95       |
| 51) Acenaphthene               | 14.42 | 154  | 320951   | 44.87 | ng    | 99       |
| 52) 3-Nitroaniline             | 14.27 | 138  | 85804    | 36.00 | ng    | 89       |
| 53) 2,4-Dinitrophenol          | 14.47 | 184  | 55664    | 44.63 | ng    | 96       |
| 54) Dibenzofuran               | 14.76 | 168  | 490289   | 46.11 | ng    | 98       |
| 55) 4-Nitrophenol              | 14.63 | 139  | 190782   | 99.42 | ng    | 93       |
| 56) 2,4-Dinitrotoluene         | 14.73 | 165  | 145531   | 48.57 | ng    | 98       |
| 57) Fluorene                   | 15.41 | 166  | 431521   | 45.85 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 14.99 | 232  | 120320   | 51.14 | ng    | 100      |
| 59) Diethylphthalate           | 15.18 | 149  | 474325   | 45.56 | ng    | 98       |
| 60) 4-Chlorophenyl-phenylether | 15.40 | 204  | 219402   | 45.39 | ng    | 96       |
| 61) 4-Nitroaniline             | 15.44 | 138  | 124794   | 46.93 | ng    | 91       |
| 62) Azobenzene                 | 15.70 | 77   | 474393   | 47.69 | ng    | 96       |
| 64) 4,6-Dinitro-2-methylphenol | 15.49 | 198  | 85066    | 44.60 | ng    | 93       |
| 65) n-Nitrosodiphenylamine     | 15.62 | 169  | 390433   | 45.70 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.29 | 248  | 134932   | 44.46 | ng    | 96       |
| 67) Hexachlorobenzene          | 16.41 | 284  | 144849   | 45.23 | ng    | 96       |
| 68) Atrazine                   | 16.58 | 200  | 159015   | 50.88 | ng    | 97       |
| 69) Pentachlorophenol          | 16.76 | 266  | 196486   | 98.28 | ng    | 94       |
| 70) Phenanthrene               | 17.15 | 178  | 659504   | 45.96 | ng    | 98       |
| 71) Anthracene                 | 17.23 | 178  | 686991   | 47.24 | ng    | 98       |
| 72) Carbazole                  | 17.51 | 167  | 654046   | 48.94 | ng    | 99       |
| 73) Di-n-butylphthalate        | 18.08 | 149  | 832349   | 46.55 | ng    | 99       |
| 74) Fluoranthene               | 19.17 | 202  | 803423   | 46.62 | ng    | 99       |
| 76) Benzidine                  | 19.36 | 184  | 460884   | 46.76 | ng    | 96       |
| 77) Pyrene                     | 19.53 | 202  | 827134   | 44.66 | ng    | 98       |
| 79) Butylbenzylphthalate       | 20.43 | 149  | 387631   | 46.03 | ng    | 100      |
| 80) Benzo(a)anthracene         | 21.28 | 228  | 781855   | 45.19 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.21 | 252  | 210947   | 31.51 | ng    | 99       |
| 82) Chrysene                   | 21.33 | 228  | 731193   | 45.38 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.21 | 149  | 564479   | 47.16 | ng    | 97       |
| 84) Di-n-octyl phthalate       | 22.09 | 149  | 921740   | 46.26 | ng    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 25.87 | 276  | 882981   | 45.79 | ng    | 98       |
| 87) Benzo(b)fluoranthene       | 22.88 | 252  | 780911   | 45.72 | ng    | 99       |
| 88) Benzo(k)fluoranthene       | 22.92 | 252  | 759553   | 46.84 | ng    | 99       |
| 89) Benzo(a)pyrene             | 23.46 | 252  | 742021   | 47.31 | ng    | 100      |
| 90) Dibenzo(a,h)anthracene     | 25.89 | 278  | 747591   | 46.43 | ng    | 96       |
| 91) Benzo(g,h,i)perylene       | 26.58 | 276  | 709139   | 46.79 | ng    | # 97     |

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



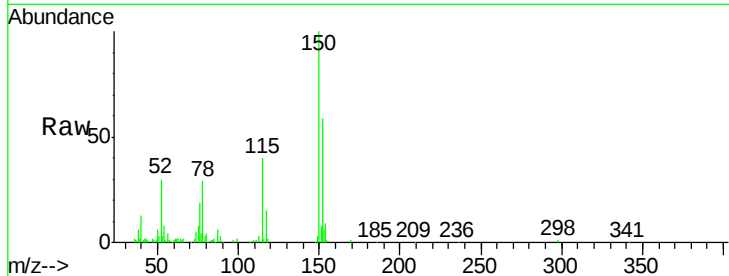


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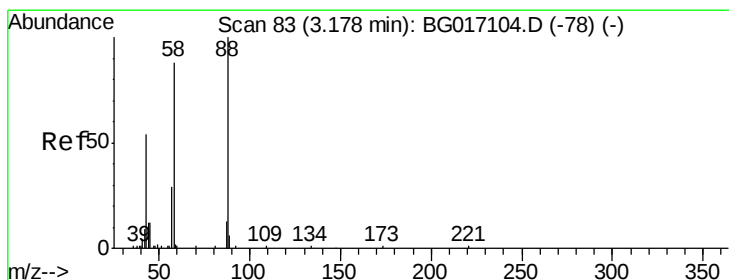
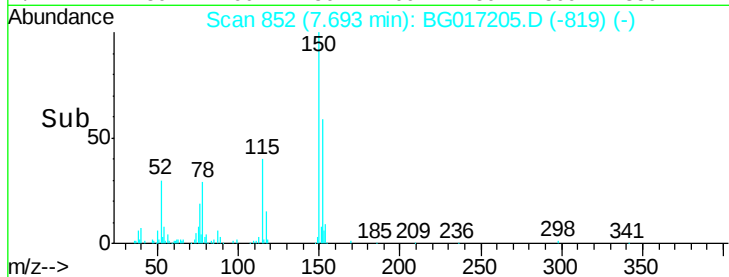
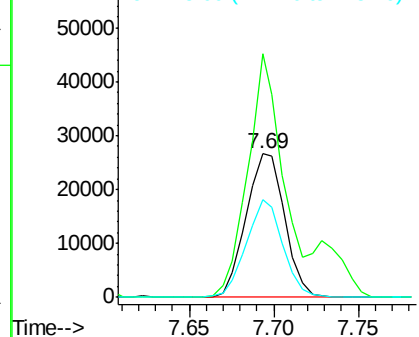
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.69 min Scan# 852  
Delta R.T. -0.01 min  
Lab File: BG017205.D  
Acq: 19 May 2015 19:15

Instrument :  
BNA\_G  
ClientSampleId :  
MW-11(16-18)MSD

Tgt Ion:152 Resp: 42164  
Ion Ratio Lower Upper  
152 100  
150 170.0 120.8 181.2  
115 68.2 49.4 74.2



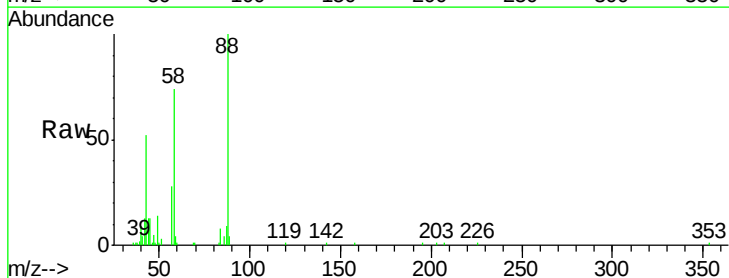
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



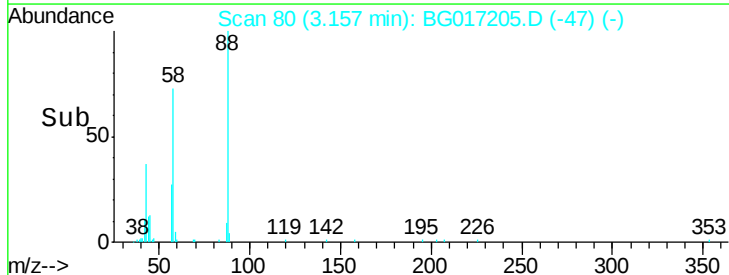
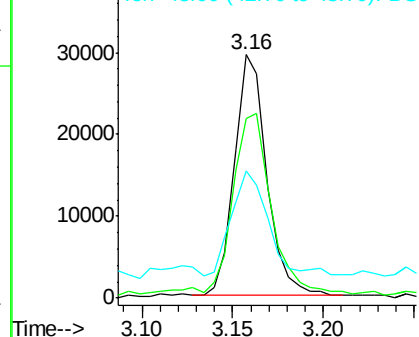
#2

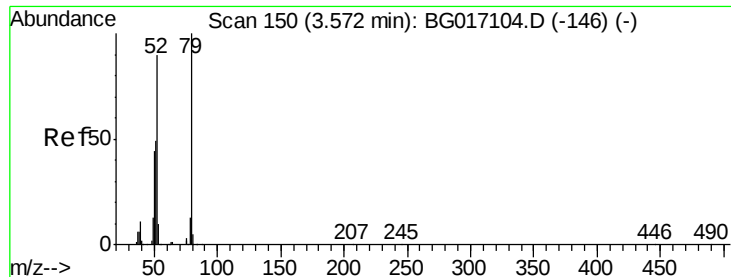
1,4-Dioxane  
Concen: 39.15 ng  
RT: 3.16 min Scan# 80  
Delta R.T. -0.01 min  
Lab File: BG017205.D  
Acq: 19 May 2015 19:15

Tgt Ion: 88 Resp: 36712  
Ion Ratio Lower Upper  
88 100  
58 89.8 68.6 103.0  
43 50.7 40.3 60.5



Abundance Ion 88.00 (87.70 to 88.70): BGC  
Ion 58.00 (57.70 to 58.70): BGC  
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 40.71 ng

RT: 3.56 min Scan# 148

Delta R.T. -0.00 min

Lab File: BG017205.D

Acq: 19 May 2015 19:15

Instrument :

BNA\_G

ClientSampleId :

MW-11(16-18)MSD

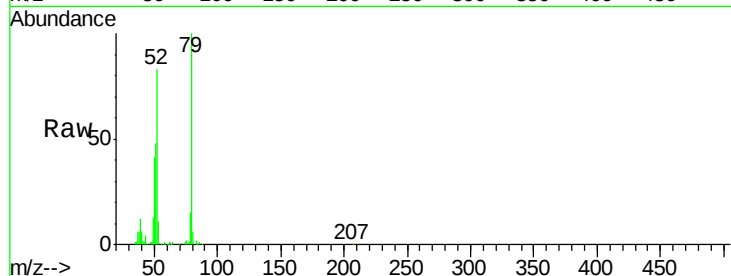
Tgt Ion: 79 Resp: 115477

Ion Ratio Lower Upper

79 100

52 83.4 72.2 108.2

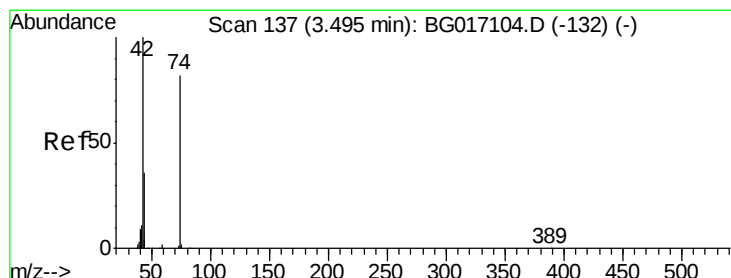
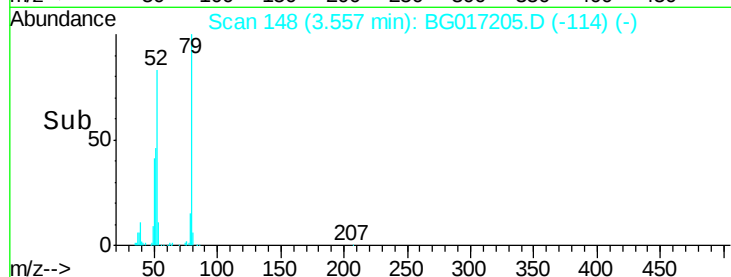
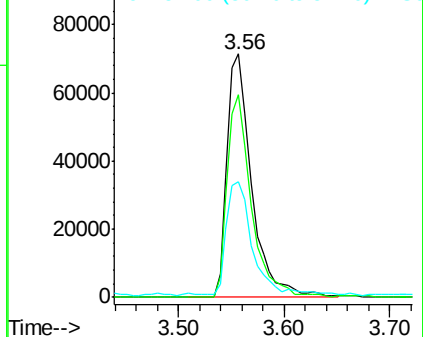
51 47.6 40.6 60.8



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 40.49 ng

RT: 3.47 min Scan# 134

Delta R.T. -0.01 min

Lab File: BG017205.D

Acq: 19 May 2015 19:15

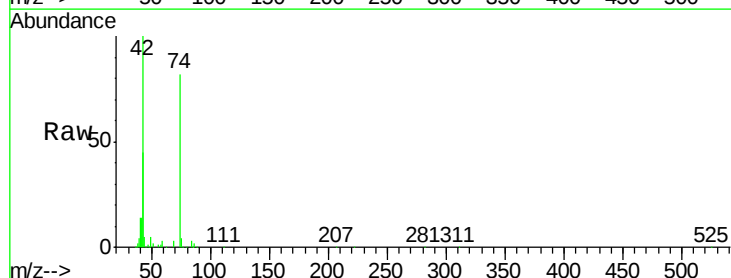
Tgt Ion: 42 Resp: 87178

Ion Ratio Lower Upper

42 100

74 82.0 65.2 97.8

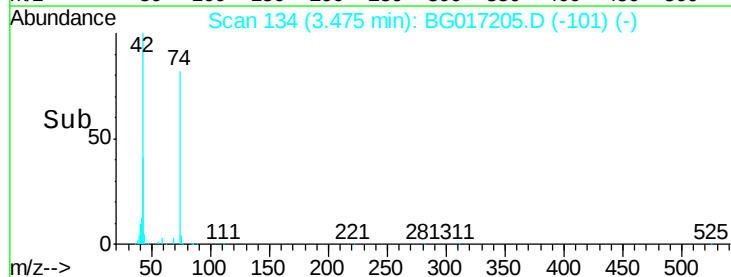
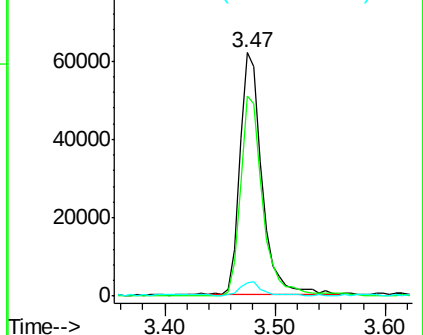
44 5.4 3.2 4.8#

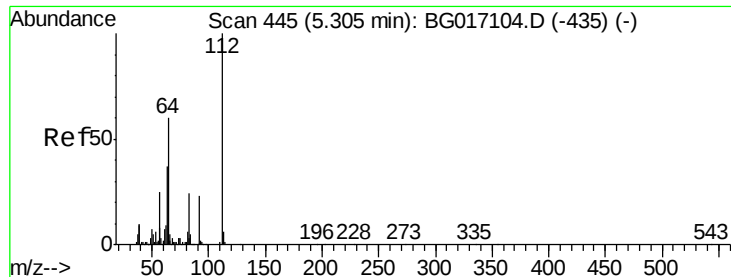


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 160.91 ng

RT: 5.29 min Scan# 443

Delta R.T. -0.00 min

Lab File: BG017205.D

Acq: 19 May 2015 19:15

Instrument :

BNA\_G

ClientSampleId :

MW-11(16-18)MSD

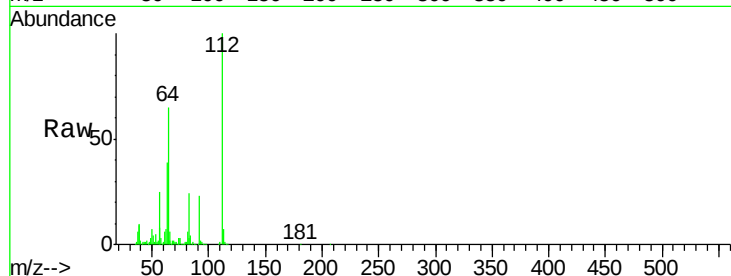
Tgt Ion: 112 Resp: 382407

Ion Ratio Lower Upper

112 100

64 65.5 48.1 72.1

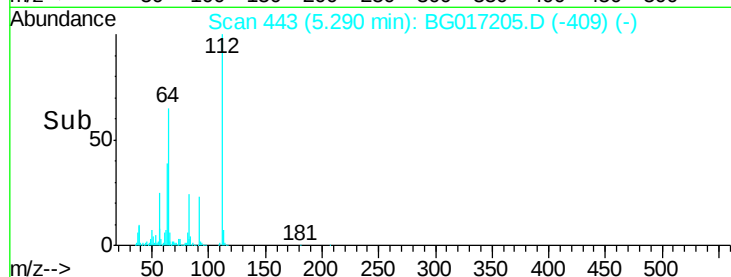
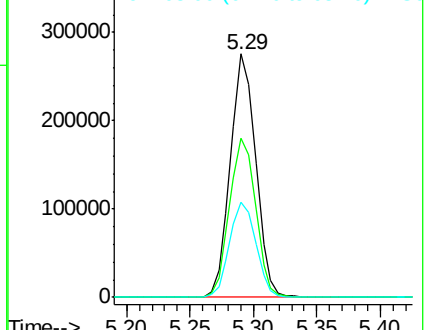
63 38.9 29.8 44.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 33.27 ng

RT: 7.03 min Scan# 739

Delta R.T. -0.00 min

Lab File: BG017205.D

Acq: 19 May 2015 19:15

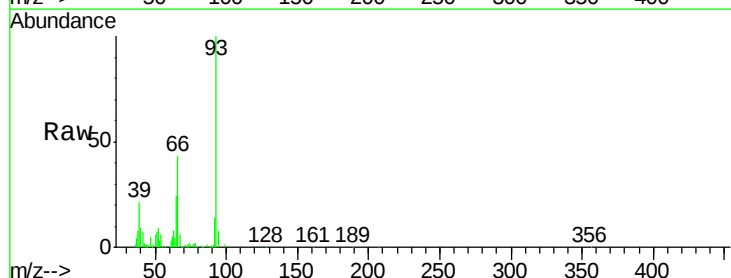
Tgt Ion: 93 Resp: 153522

Ion Ratio Lower Upper

93 100

66 43.0 35.8 53.8

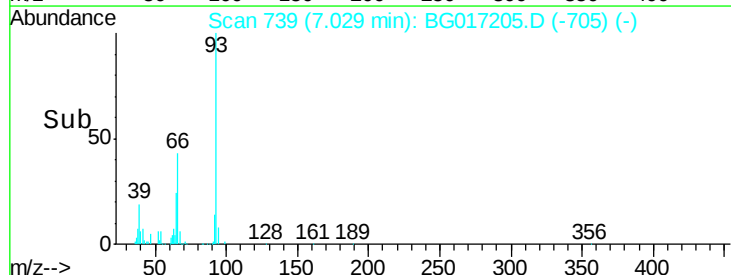
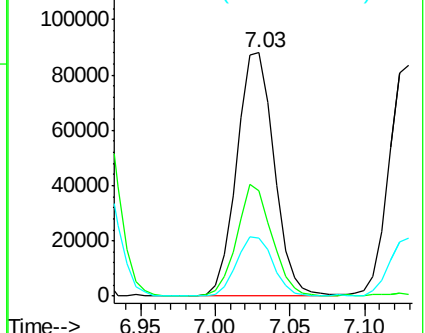
65 23.8 19.2 28.8

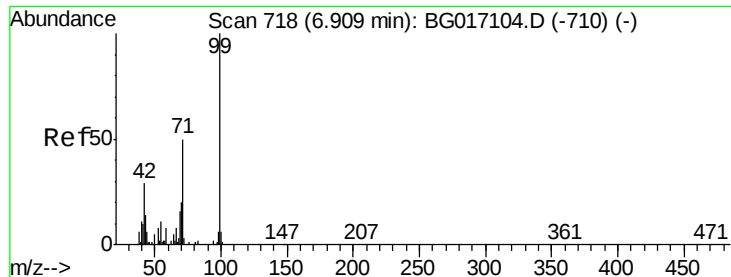


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 156.18 ng

RT: 6.90 min Scan# 717

Delta R.T. -0.00 min

Lab File: BG017205.D

Acq: 19 May 2015 19:15

Instrument :

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ClientSampleId :

MW-11(16-18)MSD

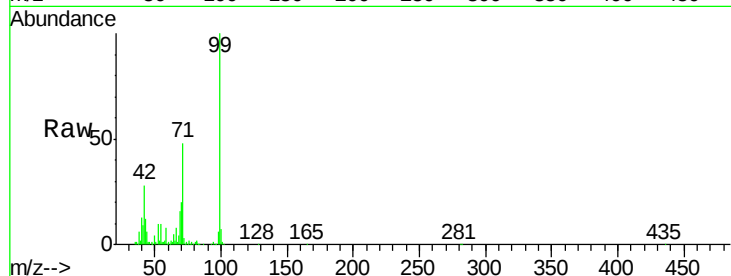
Tgt Ion: 99 Resp: 520867

Ion Ratio Lower Upper

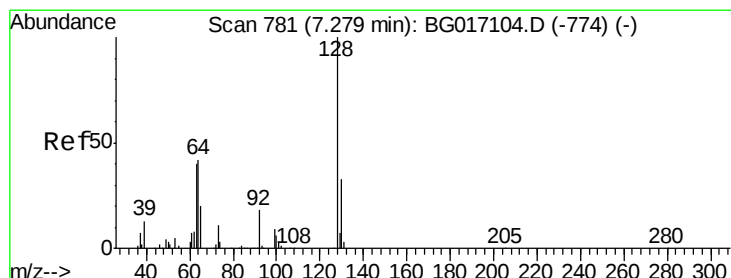
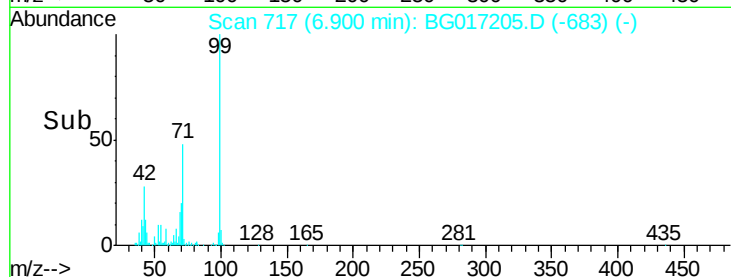
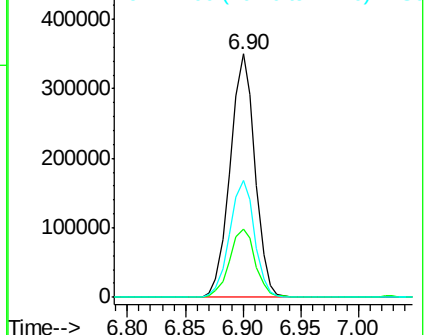
99 100

42 27.8 23.5 35.3

71 47.9 39.8 59.8



Abundance Ion 99.00 (98.70 to 99.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 47.06 ng

RT: 7.27 min Scan# 780

Delta R.T. -0.00 min

Lab File: BG017205.D

Acq: 19 May 2015 19:15

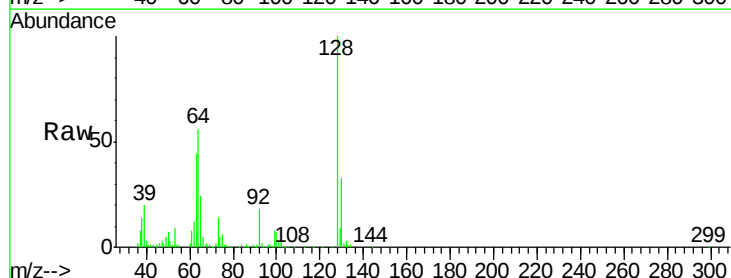
Tgt Ion: 128 Resp: 133788

Ion Ratio Lower Upper

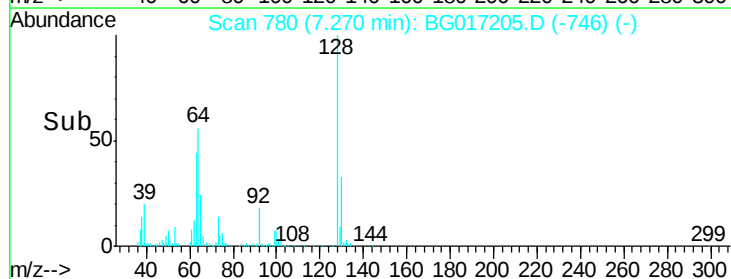
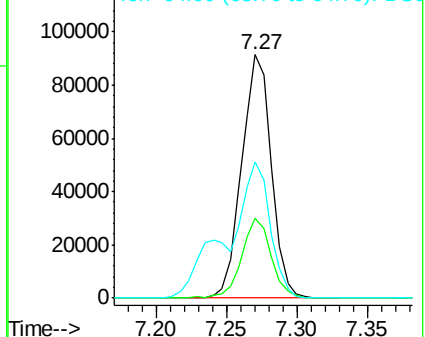
128 100

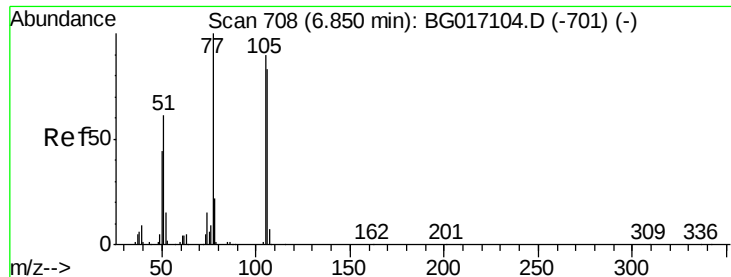
130 33.0 13.3 53.3

64 55.8 30.9 70.9



Abundance Ion 128.00 (127.70 to 128.70): BGC  
Ion 130.00 (129.70 to 130.70): BGC  
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 12.00 ng

RT: 6.84 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG017205.D

Acq: 19 May 2015 19:15

Instrument :

BNA\_G

ClientSampleId :

MW-11(16-18)MSD

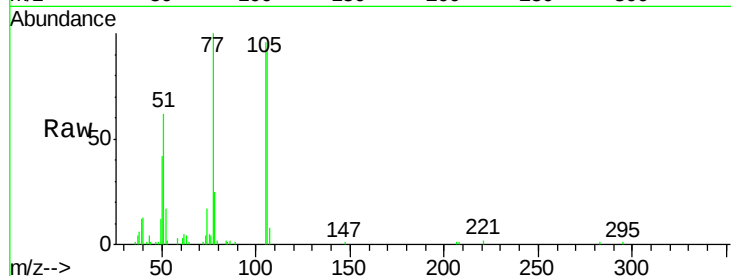
Tgt Ion: 77 Resp: 31714

Ion Ratio Lower Upper

77 100

105 95.6 69.5 109.5

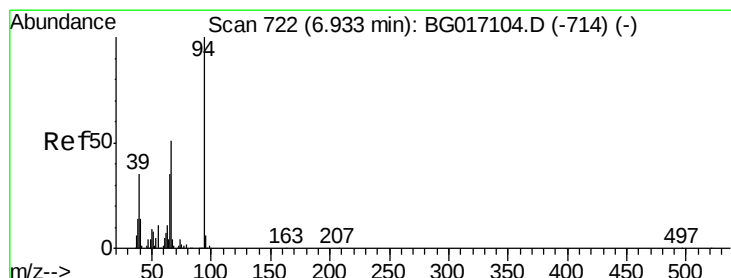
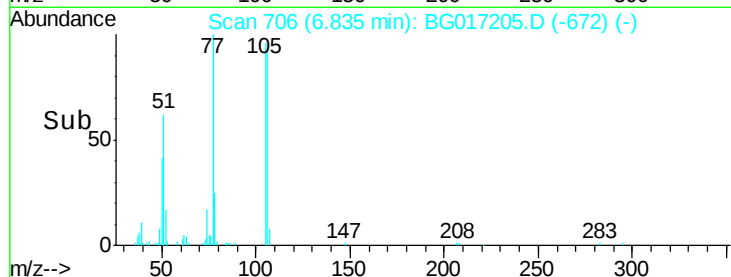
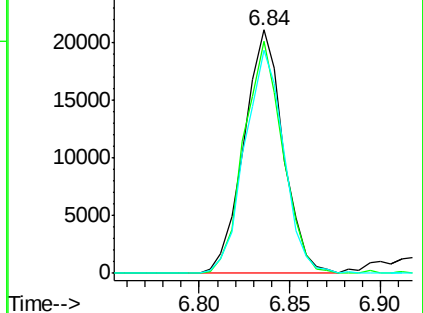
106 91.5 63.4 103.4



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 50.84 ng

RT: 6.92 min Scan# 721

Delta R.T. -0.00 min

Lab File: BG017205.D

Acq: 19 May 2015 19:15

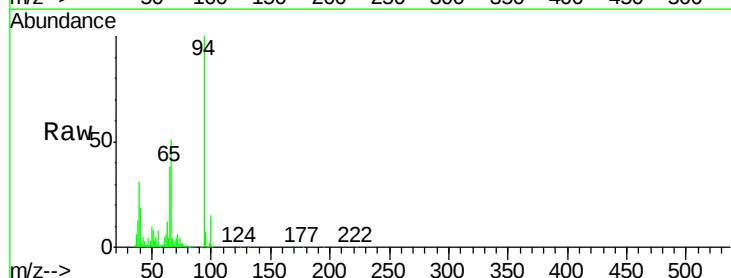
Tgt Ion: 94 Resp: 179820

Ion Ratio Lower Upper

94 100

65 37.6 15.0 55.0

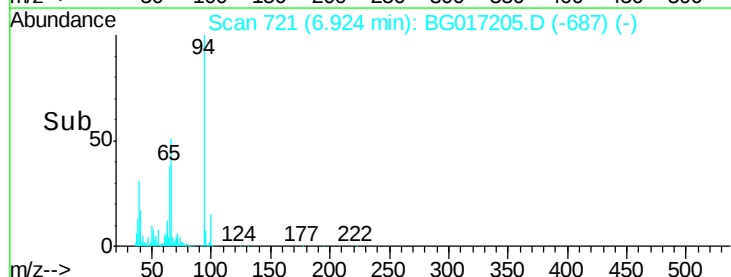
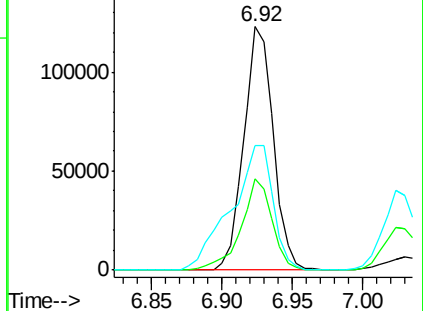
66 50.9 32.1 72.1

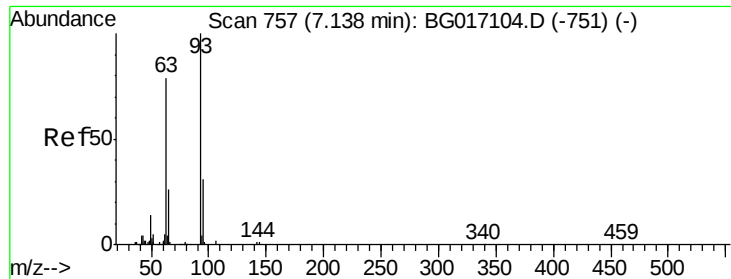


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

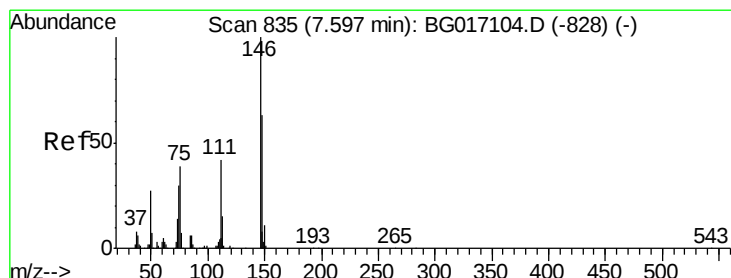
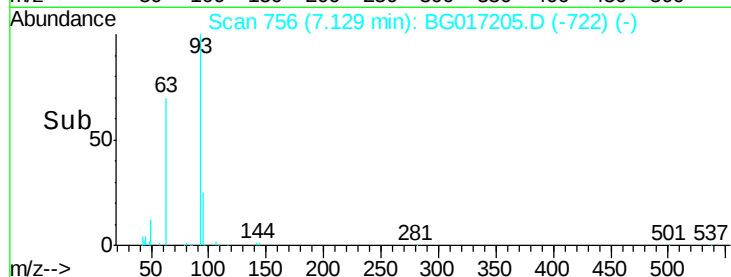
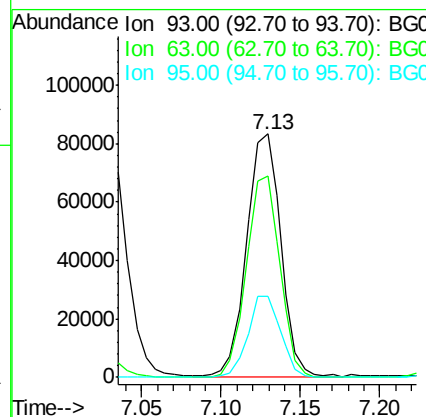
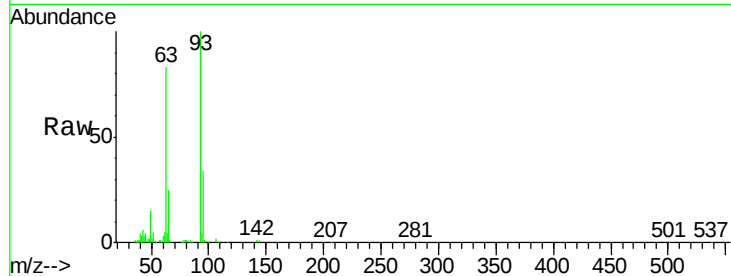




#11  
 bis(2-Chloroethyl)ether  
 Concen: 46.99 ng  
 RT: 7.13 min Scan# 756  
 Delta R.T. -0.00 min  
 Lab File: BG017205.D  
 Acq: 19 May 2015 19:15

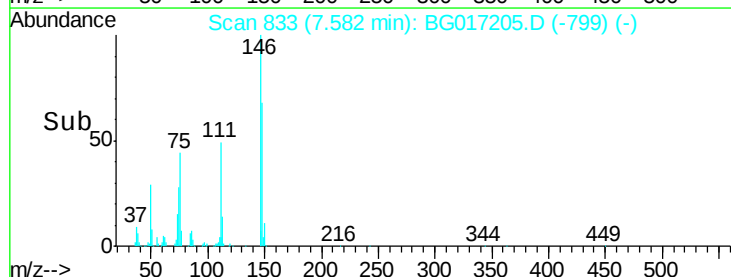
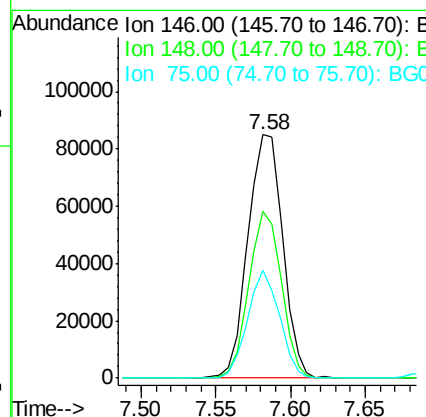
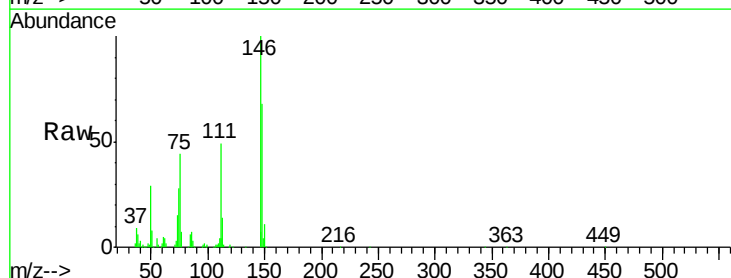
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-11(16-18)MSD

Tgt Ion: 93 Resp: 124619  
 Ion Ratio Lower Upper  
 93 100  
 63 82.6 58.5 98.5  
 95 33.5 11.0 51.0



#12  
 1,3-Dichlorobenzene  
 Concen: 43.08 ng  
 RT: 7.58 min Scan# 833  
 Delta R.T. -0.00 min  
 Lab File: BG017205.D  
 Acq: 19 May 2015 19:15

Tgt Ion: 146 Resp: 136793  
 Ion Ratio Lower Upper  
 146 100  
 148 68.3 50.6 75.8  
 75 44.3 31.4 47.2

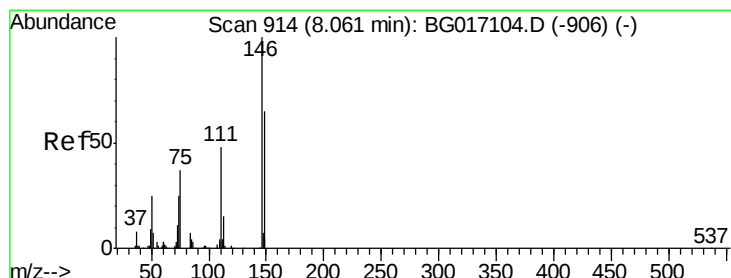
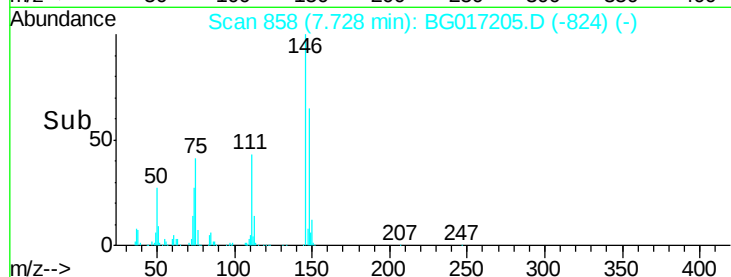
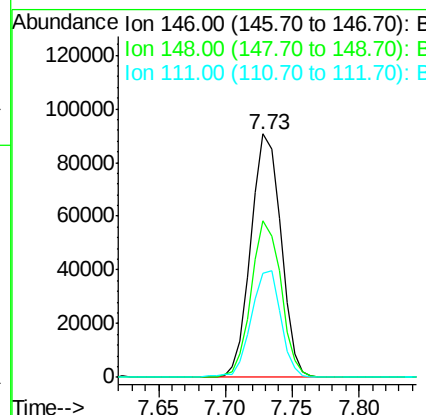
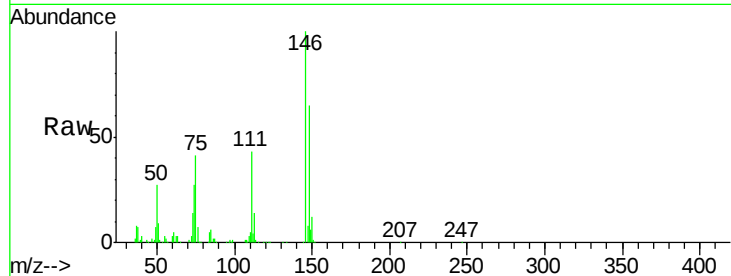




#13  
 1,4-Dichlorobenzene  
 Concen: 43.85 ng  
 RT: 7.73 min Scan# 858  
 Delta R.T. -0.00 min  
 Lab File: BG017205.D  
 Acq: 19 May 2015 19:15

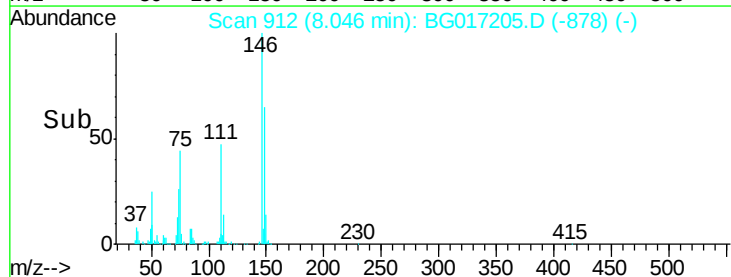
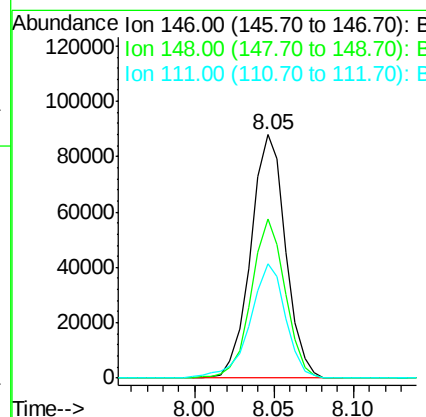
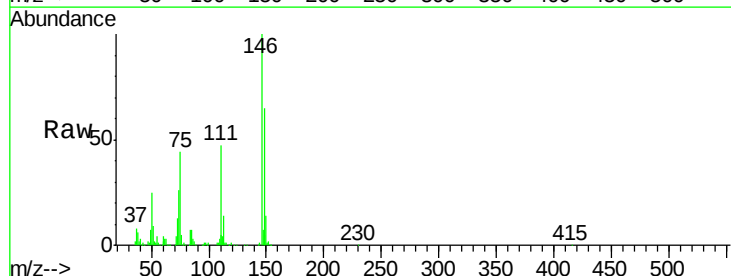
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-11(16-18)MSD

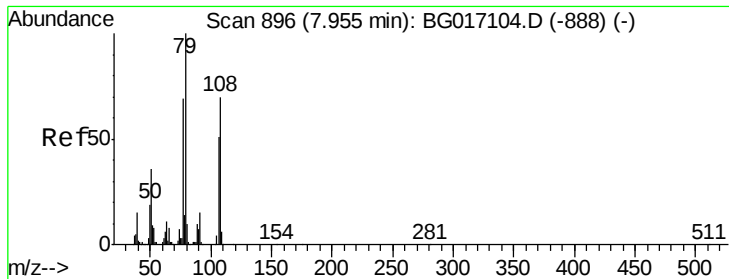
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.5  | 53.9  | 80.9  |
| 111     | 43.0  | 37.9  | 56.9  |



#14  
 1,2-Dichlorobenzene  
 Concen: 43.74 ng  
 RT: 8.05 min Scan# 912  
 Delta R.T. -0.00 min  
 Lab File: BG017205.D  
 Acq: 19 May 2015 19:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.2  | 52.3  | 78.5  |
| 111     | 46.9  | 39.0  | 58.4  |





#15

Benzyl Alcohol

Concen: 44.94 ng

RT: 7.95 min Scan# 895

Delta R.T. -0.00 min

Lab File: BG017205.D

Acq: 19 May 2015 19:15

Instrument :

BNA\_G

ClientSampleId :

MW-11(16-18)MSD

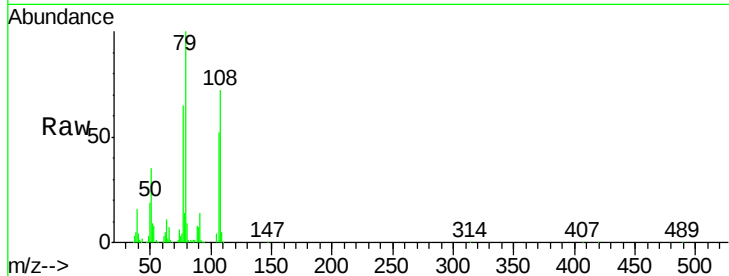
Tgt Ion: 79 Resp: 145607

Ion Ratio Lower Upper

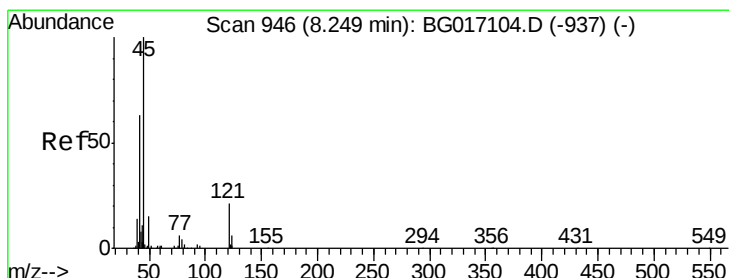
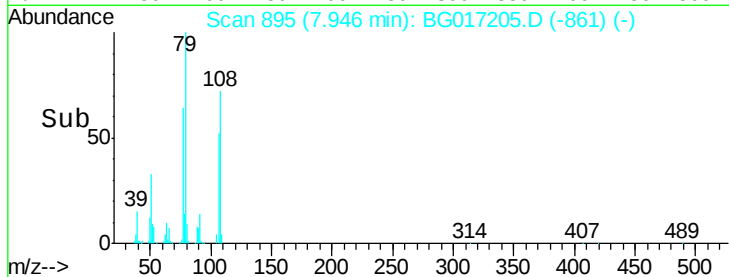
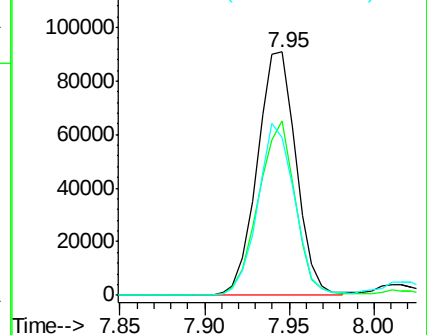
79 100

108 71.8 55.8 83.6

77 64.7 55.4 83.0



Abundance Ion 79.00 (78.70 to 79.70): BGC  
Ion 108.00 (107.70 to 108.70): BGC  
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.59 ng

RT: 8.23 min Scan# 944

Delta R.T. -0.01 min

Lab File: BG017205.D

Acq: 19 May 2015 19:15

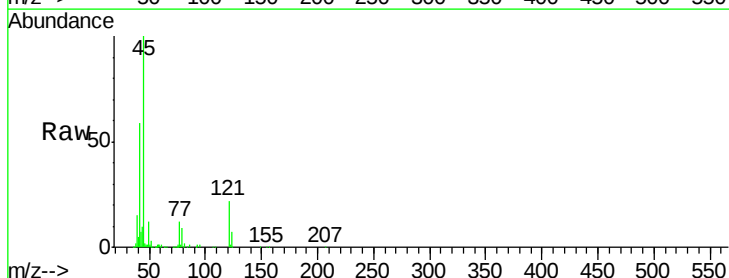
Tgt Ion: 45 Resp: 204616

Ion Ratio Lower Upper

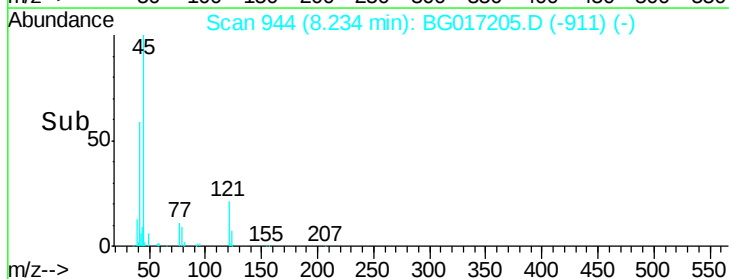
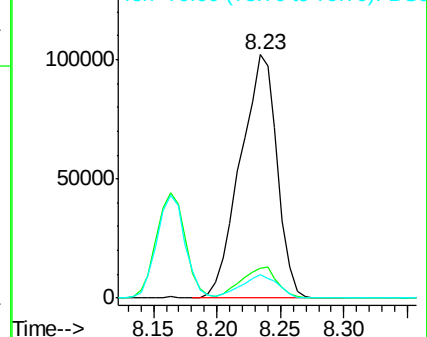
45 100

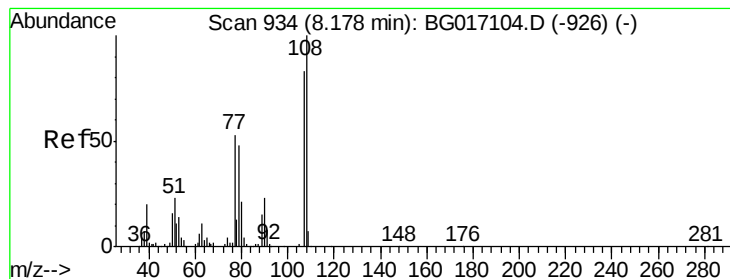
77 12.4 0.0 32.5

79 9.5 0.0 29.4



Abundance Ion 45.00 (44.70 to 45.70): BGC  
Ion 77.00 (76.70 to 77.70): BGC  
Ion 79.00 (78.70 to 79.70): BGC

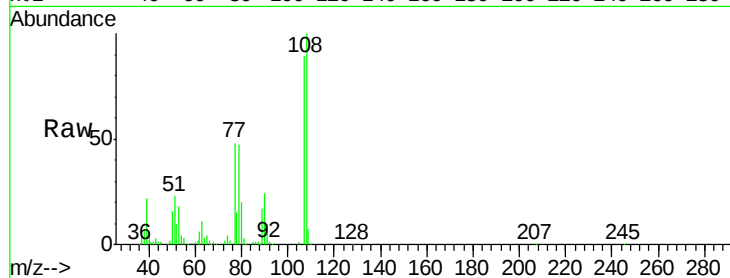




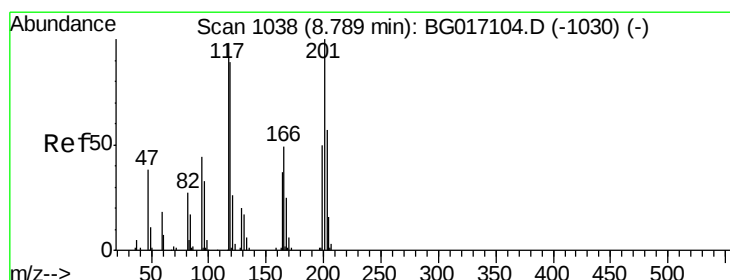
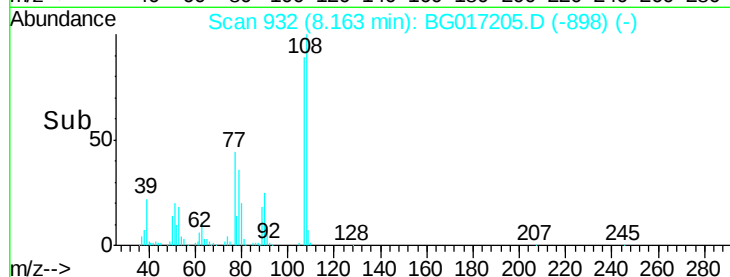
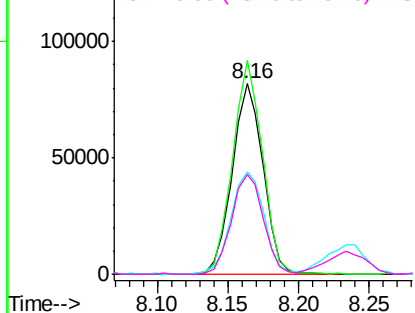
#17  
2-Methylphenol  
Concen: 48.37 ng  
RT: 8.16 min Scan# 932  
Delta R.T. -0.00 min  
Lab File: BG017205.D  
Acq: 19 May 2015 19:15

Instrument :  
BNA\_G  
ClientSampleId :  
MW-11(16-18)MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 124045 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 112.2 | 96.6  | 144.8  |
| 77       | 54.0  | 51.2  | 76.8   |
| 79       | 52.4  | 45.9  | 68.9   |

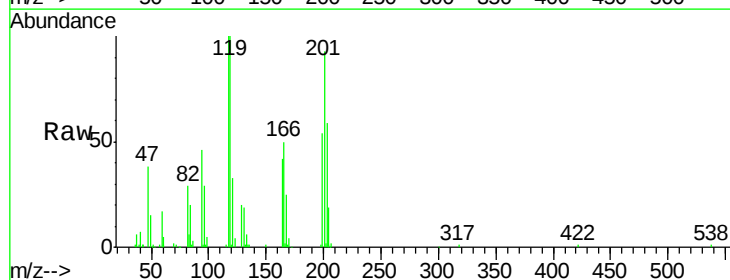


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

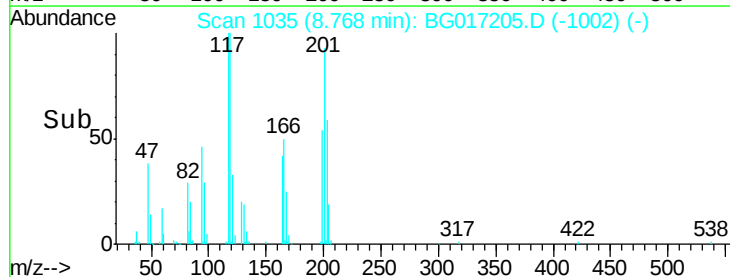
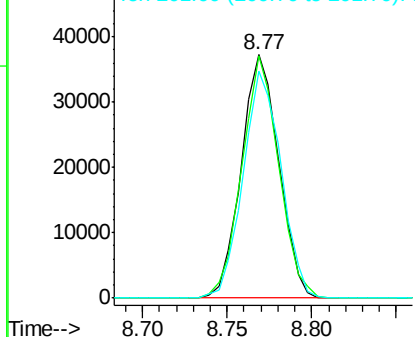


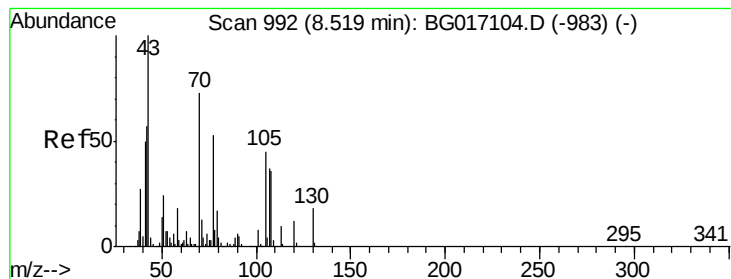
#18  
Hexachloroethane  
Concen: 43.05 ng  
RT: 8.77 min Scan# 1035  
Delta R.T. -0.01 min  
Lab File: BG017205.D  
Acq: 19 May 2015 19:15

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 57628 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 99.5  | 73.0  | 109.6 |
| 201      | 93.2  | 81.7  | 122.5 |



Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 41.03 ng

RT: 8.50 min Scan# 990

Delta R.T. -0.00 min

Lab File: BG017205.D

Acq: 19 May 2015 19:15

Instrument :

BNA\_G

ClientSampleId :

MW-11(16-18)MSD

Tgt Ion: 70 Resp: 119233

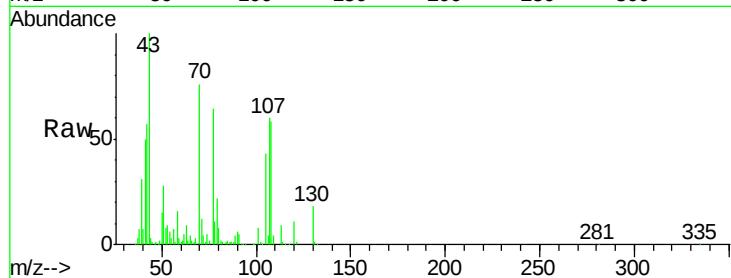
Ion Ratio Lower Upper

70 100

42 74.3 62.6 94.0

101 10.2 9.0 13.4

130 23.7 20.0 30.0

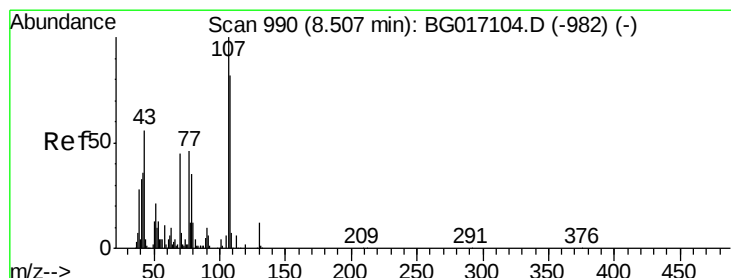
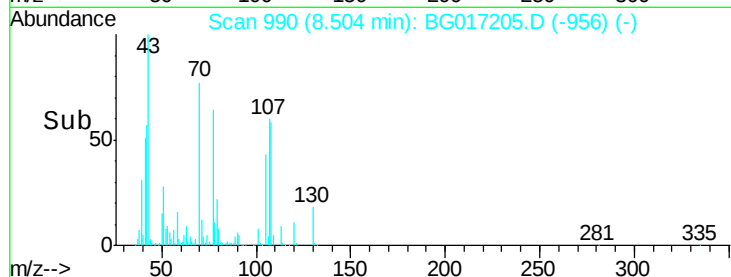
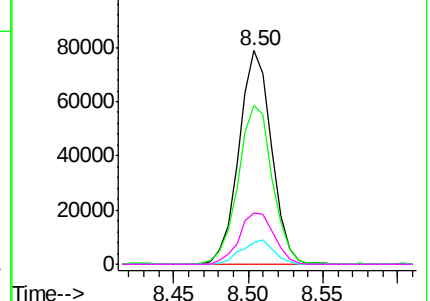


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 48.68 ng

RT: 8.49 min Scan# 988

Delta R.T. -0.00 min

Lab File: BG017205.D

Acq: 19 May 2015 19:15

Tgt Ion: 107 Resp: 173499

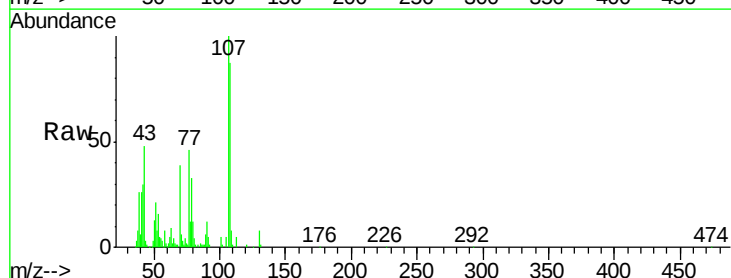
Ion Ratio Lower Upper

107 100

108 87.3 62.2 102.2

77 45.8 26.0 66.0

79 33.0 14.8 54.8

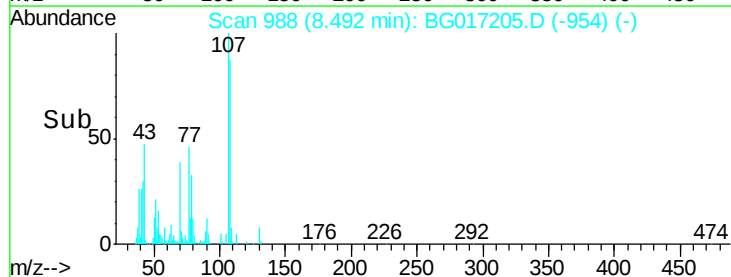
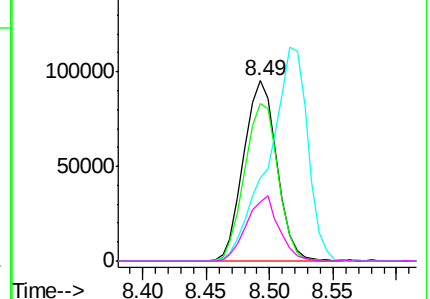


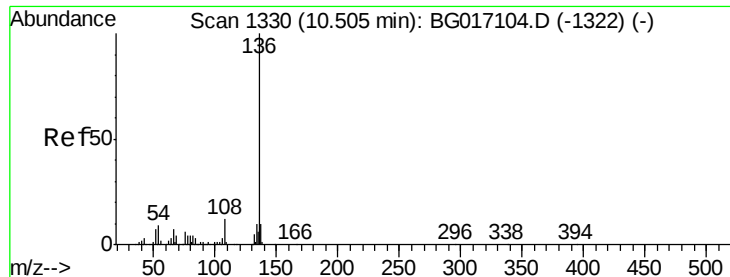
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

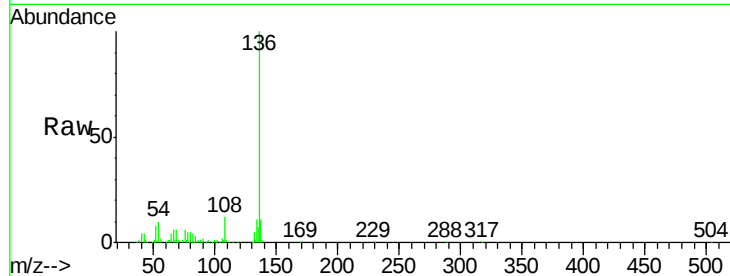




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.49 min Scan# 1328  
Delta R.T. -0.00 min  
Lab File: BG017205.D  
Acq: 19 May 2015 19:15

Instrument :  
BNA\_G  
ClientSampleId :  
MW-11(16-18)MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 177428 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.8  | 8.3   | 12.5   |
| 54       | 9.8   | 7.4   | 11.2   |
| 68       | 5.7   | 3.6   | 5.4#   |



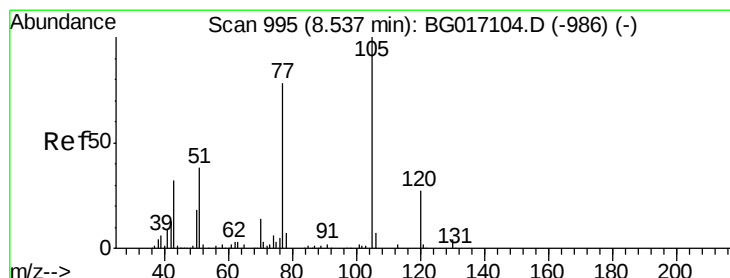
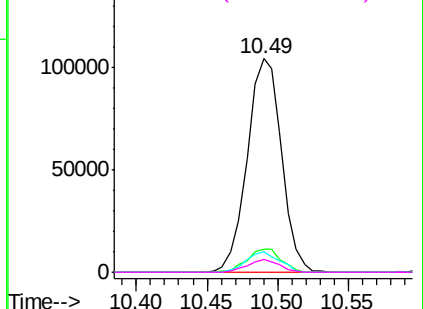
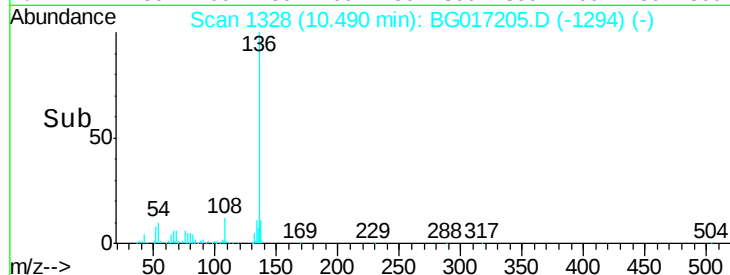
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

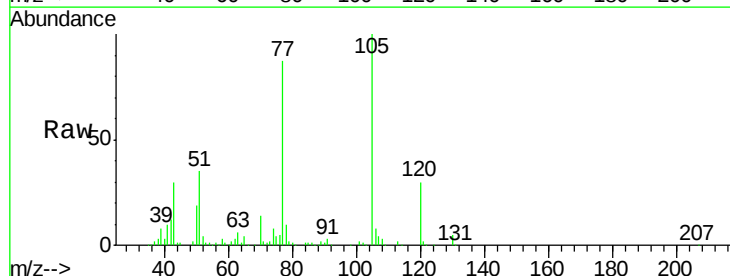
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22  
Acetophenone  
Concen: 47.22 ng  
RT: 8.52 min Scan# 993  
Delta R.T. -0.00 min  
Lab File: BG017205.D  
Acq: 19 May 2015 19:15

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 203343 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 2.0   | 2.2   | 3.4#   |
| 51       | 35.3  | 32.8  | 49.2   |
| 120      | 30.2  | 21.8  | 32.6   |



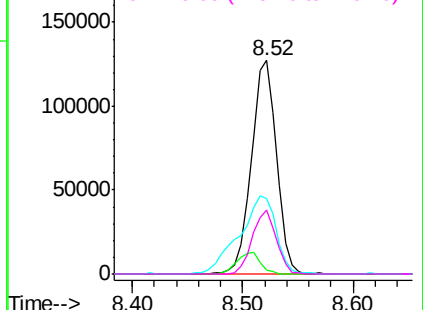
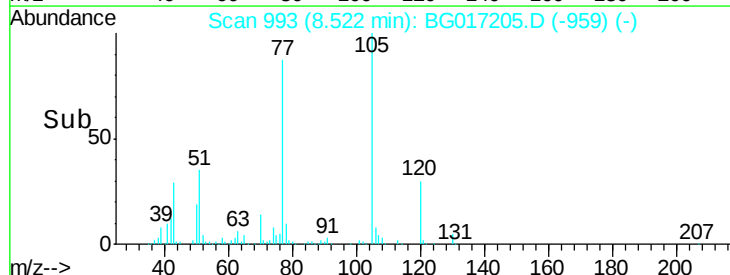
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

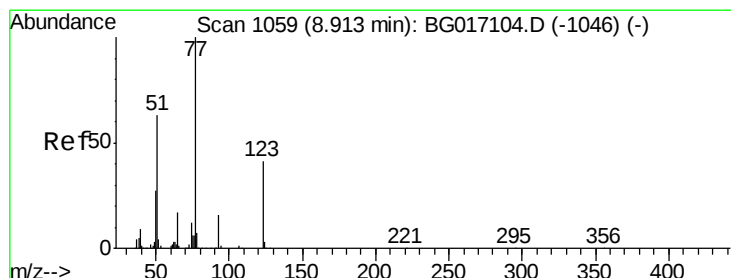
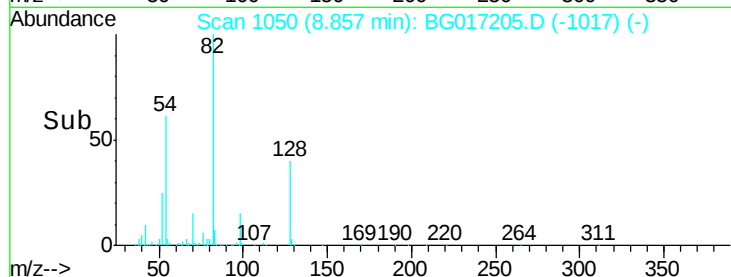
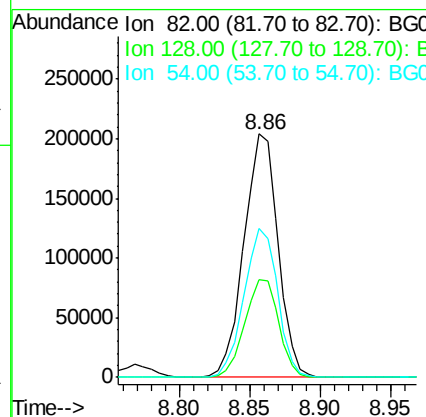
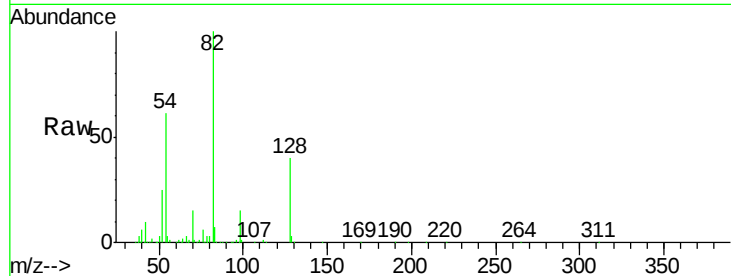




#23  
 Nitrobenzene-d5  
 Concen: 90.65 ng  
 RT: 8.86 min Scan# 1050  
 Delta R.T. -0.01 min  
 Lab File: BG017205.D  
 Acq: 19 May 2015 19:15

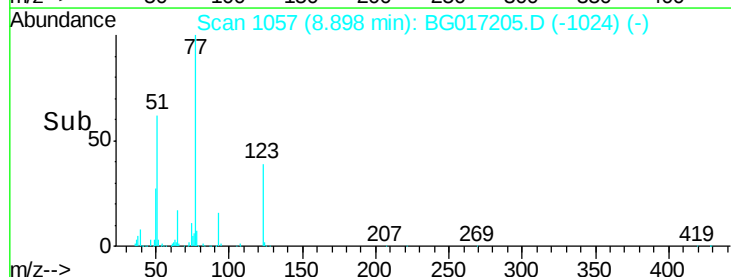
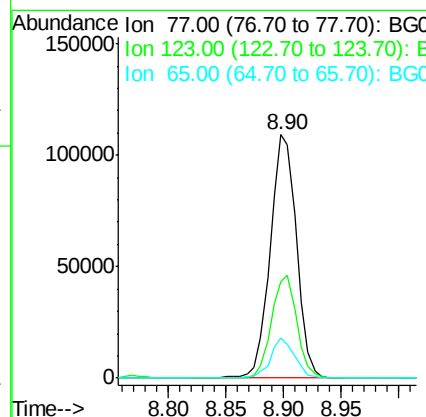
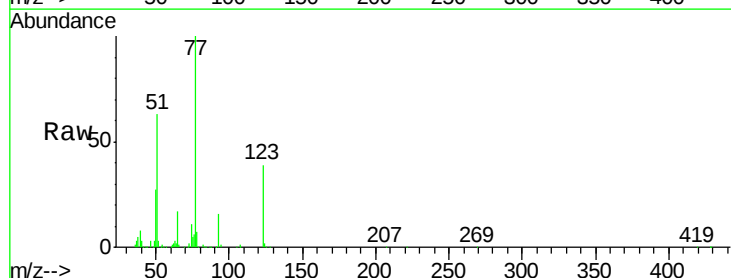
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-11(16-18)MSD

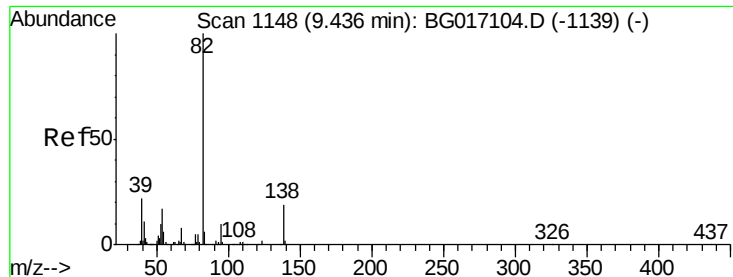
Tgt Ion: 82 Resp: 344508  
 Ion Ratio Lower Upper  
 82 100  
 128 40.2 32.6 49.0  
 54 61.1 49.6 74.4



#24  
 Nitrobenzene  
 Concen: 46.74 ng  
 RT: 8.90 min Scan# 1057  
 Delta R.T. -0.01 min  
 Lab File: BG017205.D  
 Acq: 19 May 2015 19:15

Tgt Ion: 77 Resp: 173789  
 Ion Ratio Lower Upper  
 77 100  
 123 39.5 33.0 49.4  
 65 16.6 13.3 19.9





#25

Isophorone

Concen: 45.58 ng

RT: 9.42 min Scan# 1146

Delta R.T. -0.00 min

Lab File: BG017205.D

Acq: 19 May 2015 19:15

Instrument :

BNA\_G

ClientSampleId :

MW-11(16-18)MSD

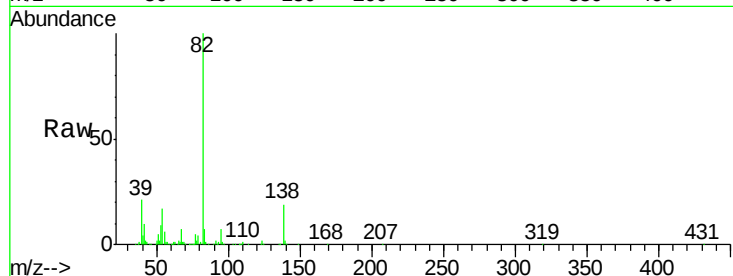
Tgt Ion: 82 Resp: 319267

Ion Ratio Lower Upper

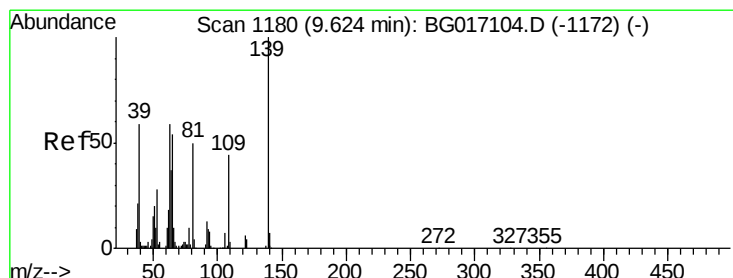
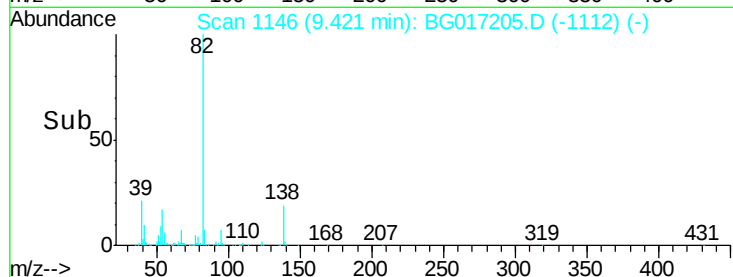
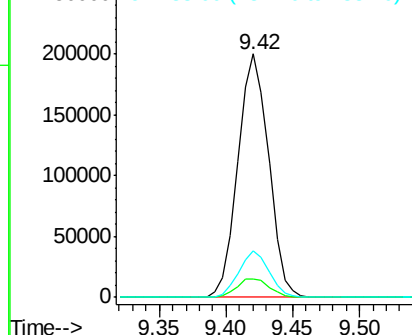
82 100

95 7.4 7.7 11.5#

138 19.3 15.0 22.6



Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC  
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 48.36 ng

RT: 9.61 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BG017205.D

Acq: 19 May 2015 19:15

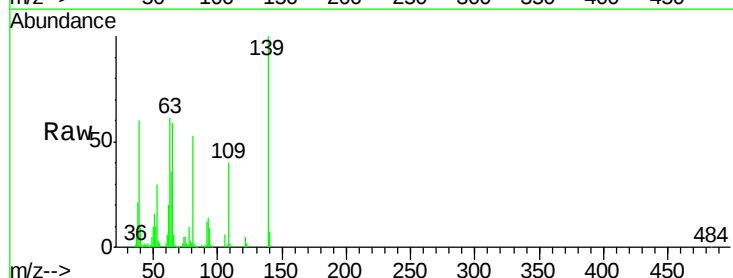
Tgt Ion: 139 Resp: 80390

Ion Ratio Lower Upper

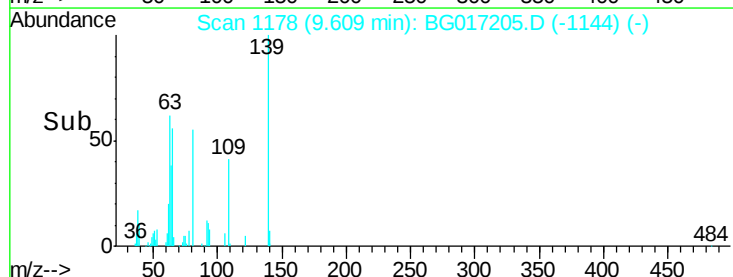
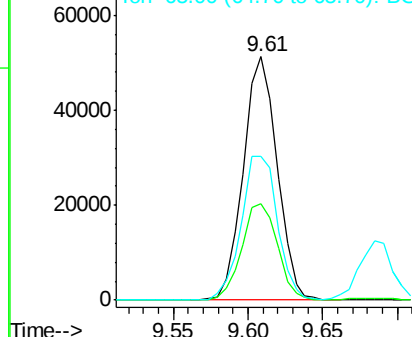
139 100

109 39.8 34.9 52.3

65 58.9 43.0 64.4



Abundance Ion 139.00 (138.70 to 139.70): BGC  
Ion 109.00 (108.70 to 109.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC

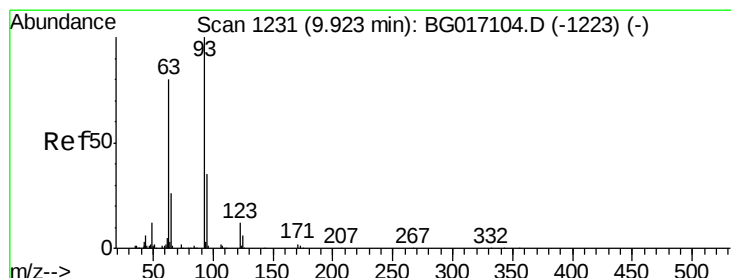
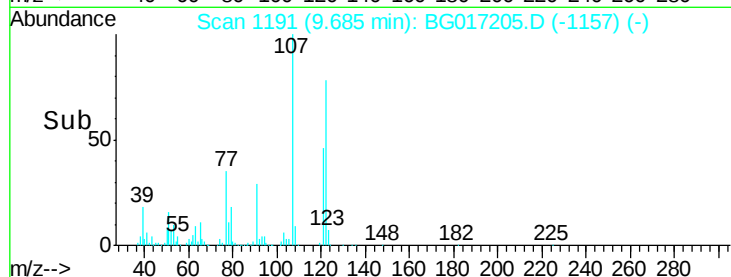
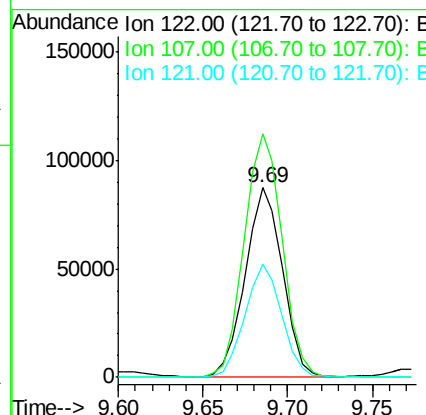
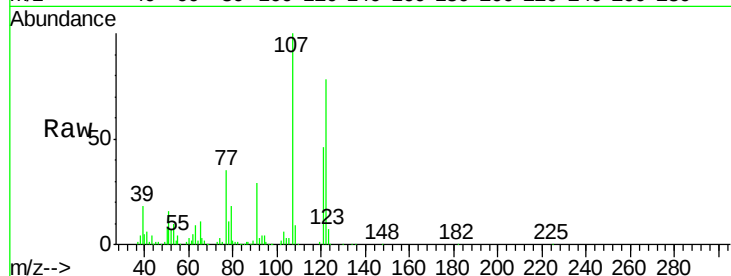




#27  
 2,4-Dimethylphenol  
 Concen: 49.25 ng  
 RT: 9.69 min Scan# 1191  
 Delta R.T. -0.00 min  
 Lab File: BG017205.D  
 Acq: 19 May 2015 19:15

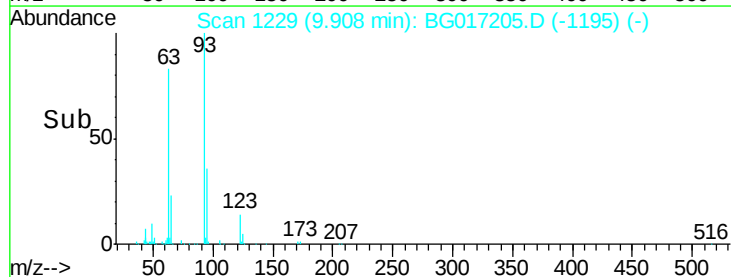
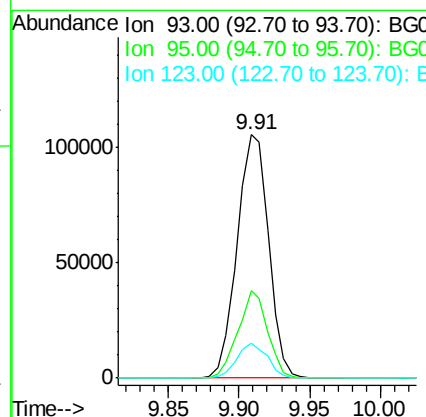
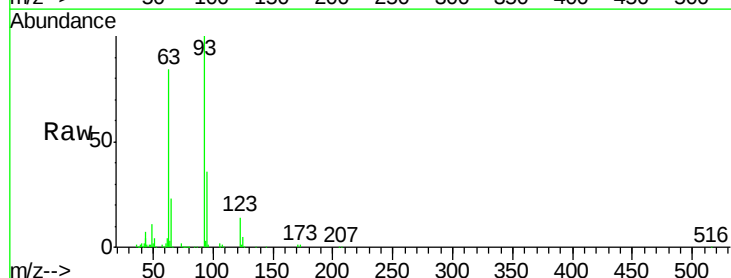
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-11(16-18)MSD

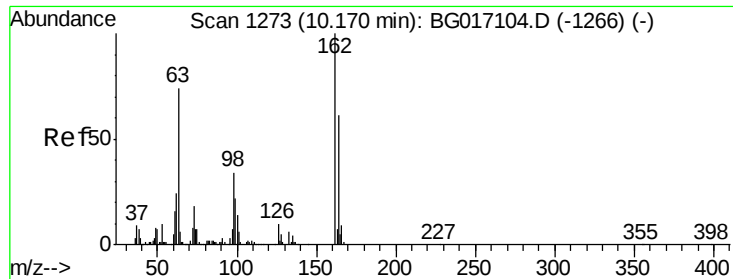
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 128.4 | 102.3 | 153.5 |
| 121     | 59.4  | 48.7  | 73.1  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 48.06 ng  
 RT: 9.91 min Scan# 1229  
 Delta R.T. -0.00 min  
 Lab File: BG017205.D  
 Acq: 19 May 2015 19:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 36.0  | 28.0  | 42.0  |
| 123     | 14.3  | 10.3  | 15.5  |

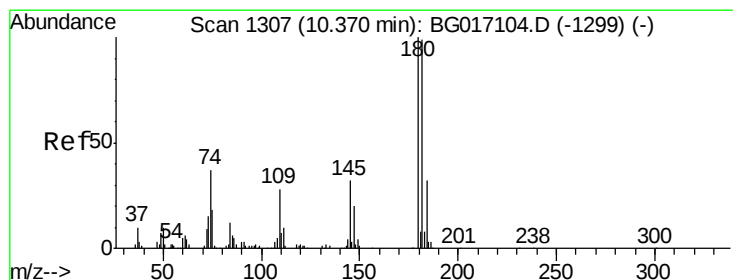
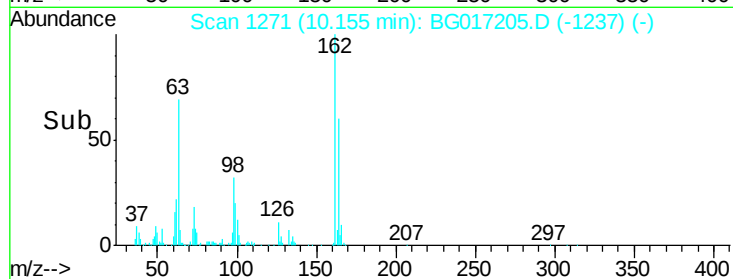
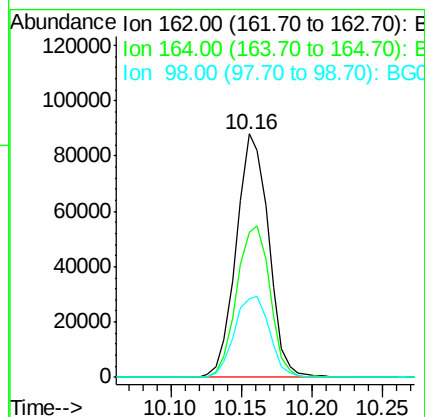
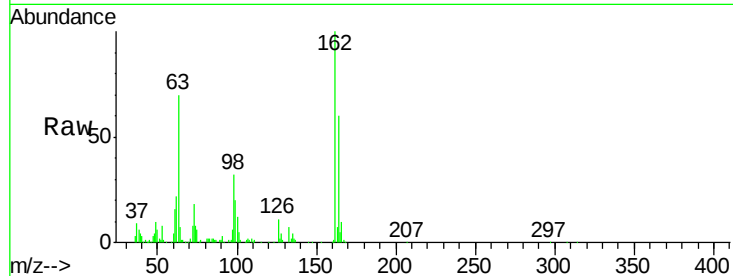




#29  
 2,4-Dichlorophenol  
 Concen: 54.70 ng  
 RT: 10.16 min Scan# 1271  
 Delta R.T. -0.00 min  
 Lab File: BG017205.D  
 Acq: 19 May 2015 19:15

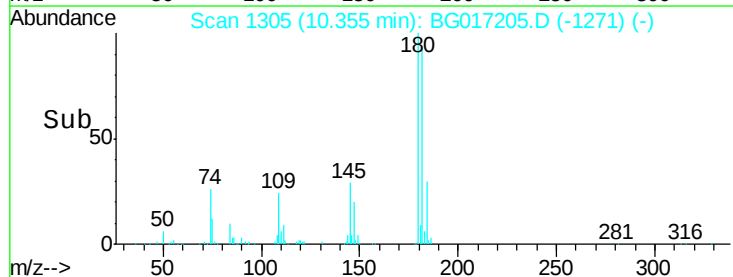
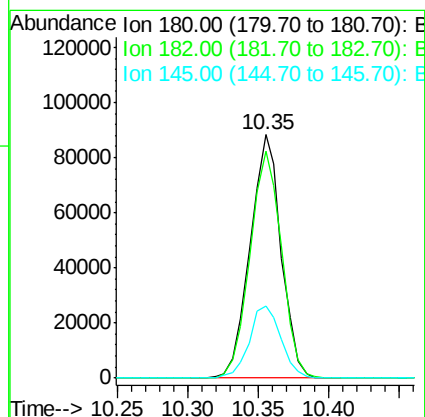
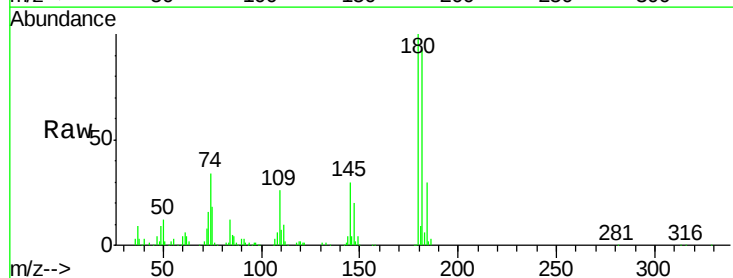
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-11(16-18)MSD

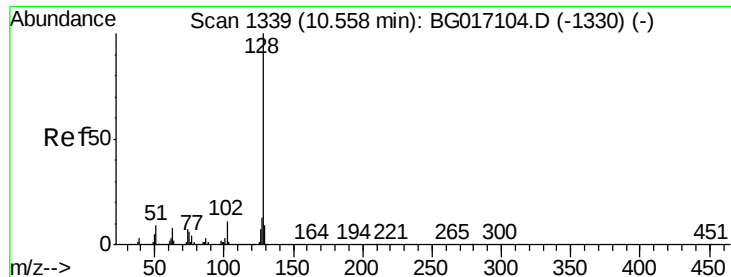
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 59.6  | 41.4  | 81.4  |
| 98      | 32.3  | 14.3  | 54.3  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 46.37 ng  
 RT: 10.35 min Scan# 1305  
 Delta R.T. -0.00 min  
 Lab File: BG017205.D  
 Acq: 19 May 2015 19:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.1  | 79.4  | 119.0 |
| 145     | 29.8  | 25.3  | 37.9  |

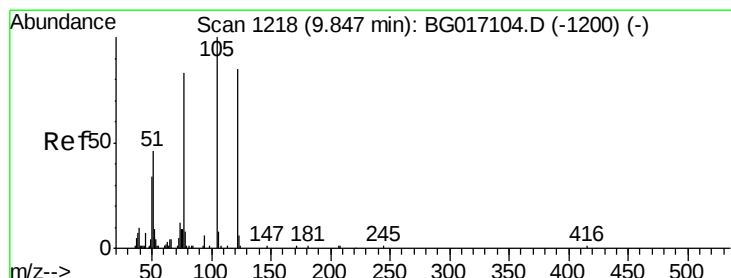
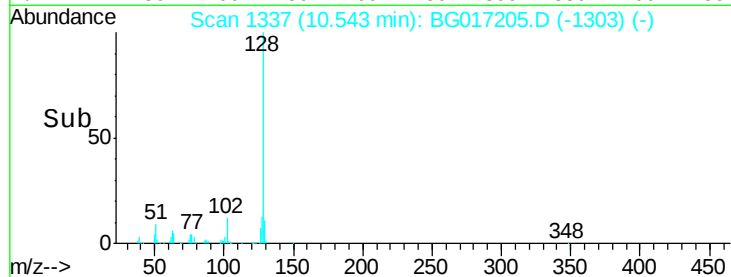
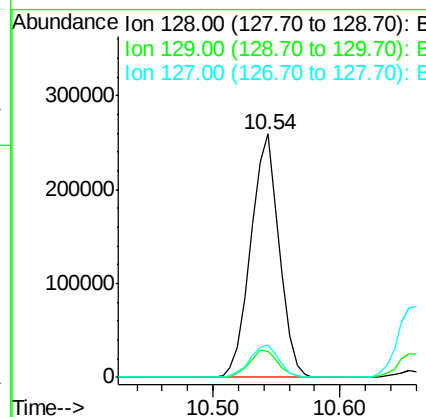
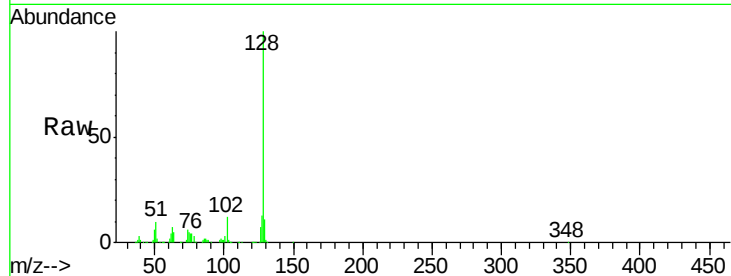




#31  
Naphthalene  
Concen: 46.55 ng  
RT: 10.54 min Scan# 1337  
Delta R.T. -0.00 min  
Lab File: BG017205.D  
Acq: 19 May 2015 19:15

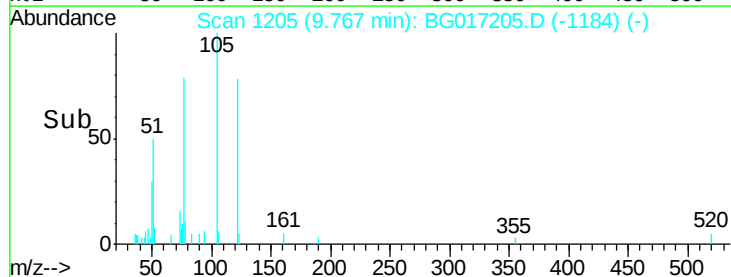
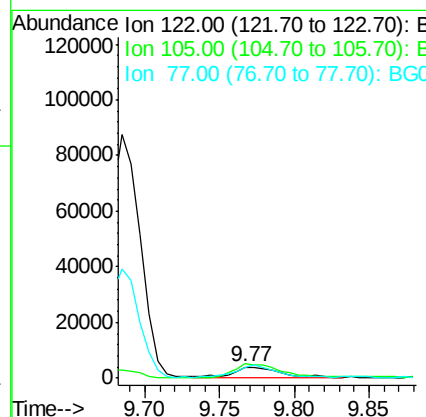
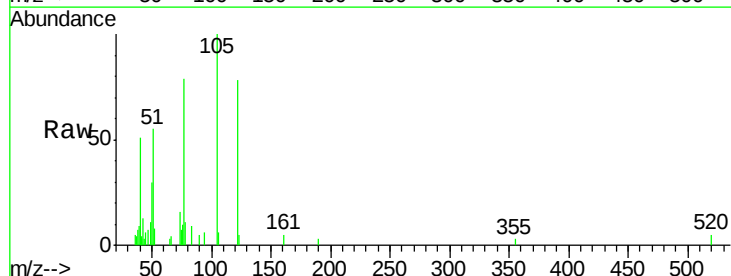
Instrument :  
BNA\_G  
ClientSampleId :  
MW-11(16-18)MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.6  | 7.6   | 11.4  |
| 127     | 13.1  | 10.6  | 16.0  |



#32  
Benzoic acid  
Concen: 4.42 ng  
RT: 9.77 min Scan# 1205  
Delta R.T. -0.08 min  
Lab File: BG017205.D  
Acq: 19 May 2015 19:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 128.1 | 96.7  | 136.7 |
| 77      | 101.0 | 78.5  | 118.5 |

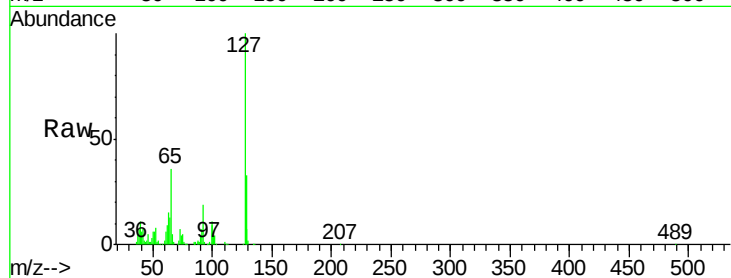




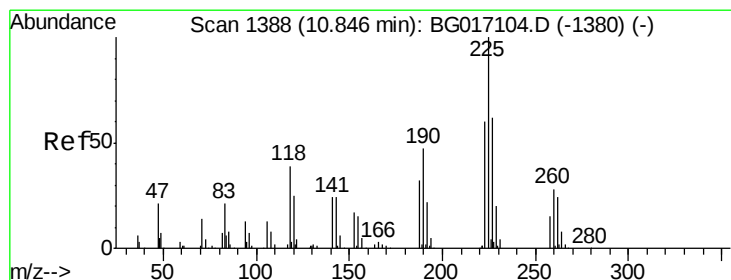
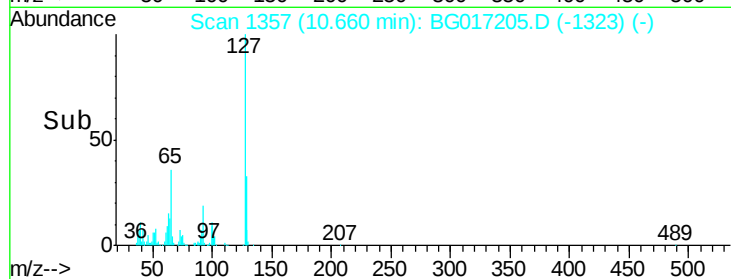
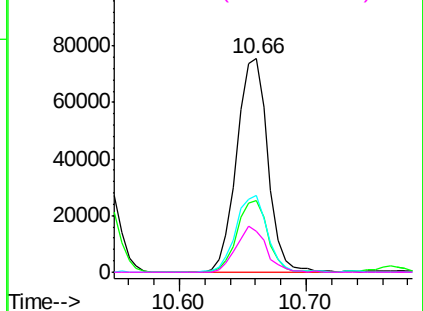
#33  
4-Chloroaniline  
Concen: 31.35 ng  
RT: 10.66 min Scan# 1357  
Delta R.T. -0.00 min  
Lab File: BG017205.D  
Acq: 19 May 2015 19:15

Instrument :  
BNA\_G  
ClientSampleId :  
MW-11(16-18)MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 128732 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.4  | 24.8  | 37.2   |
| 65       | 36.1  | 25.8  | 38.6   |
| 92       | 19.2  | 15.0  | 22.4   |

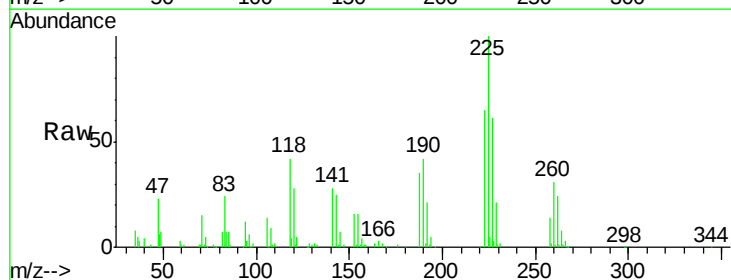


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

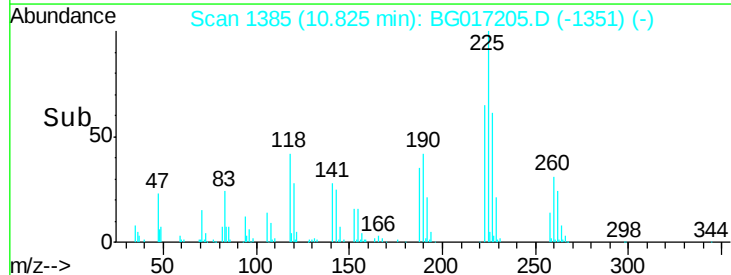
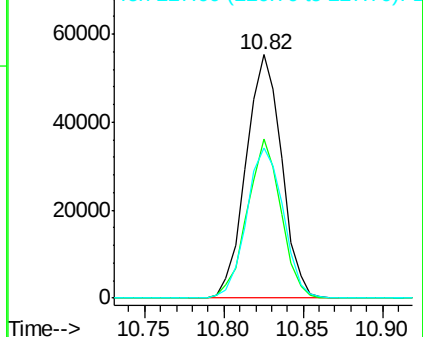


#34  
Hexachlorobutadiene  
Concen: 46.61 ng  
RT: 10.82 min Scan# 1385  
Delta R.T. -0.00 min  
Lab File: BG017205.D  
Acq: 19 May 2015 19:15

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 86409 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 65.4  | 48.3  | 72.5  |
| 227      | 61.5  | 49.8  | 74.8  |



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





#35

Caprolactam

Concen: 51.31 ng m

RT: 11.44 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BG017205.D

Acq: 19 May 2015 19:15

Instrument :

BNA\_G

ClientSampleId :

MW-11(16-18)MSD

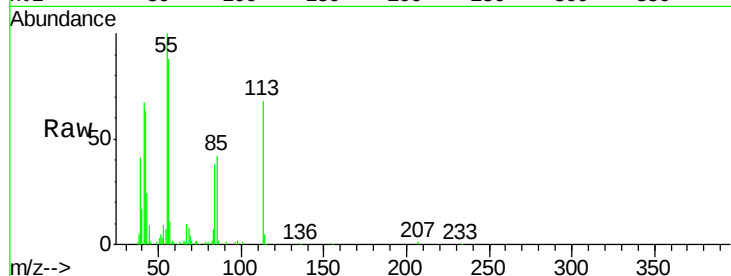
Tgt Ion:113 Resp: 66573

Ion Ratio Lower Upper

113 100

55 147.1 124.1 164.1

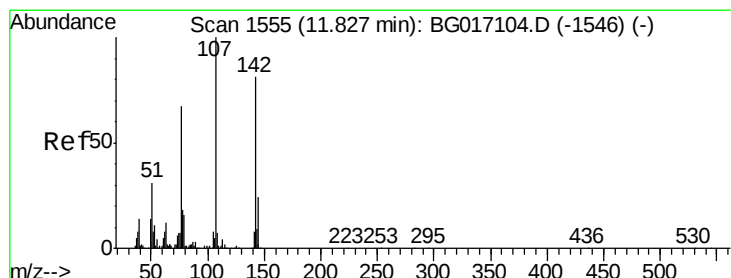
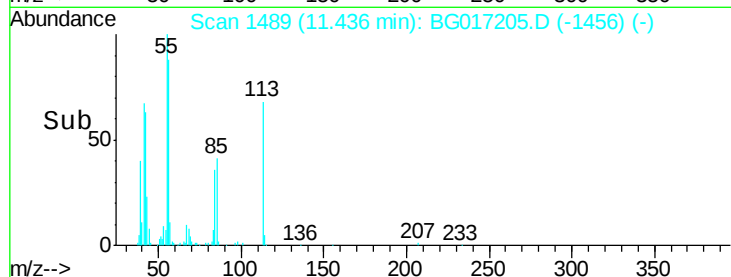
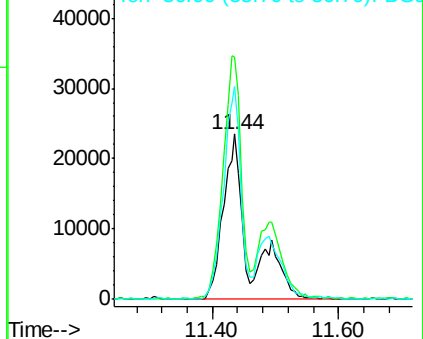
56 129.4 100.3 140.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 53.29 ng

RT: 11.82 min Scan# 1554

Delta R.T. -0.00 min

Lab File: BG017205.D

Acq: 19 May 2015 19:15

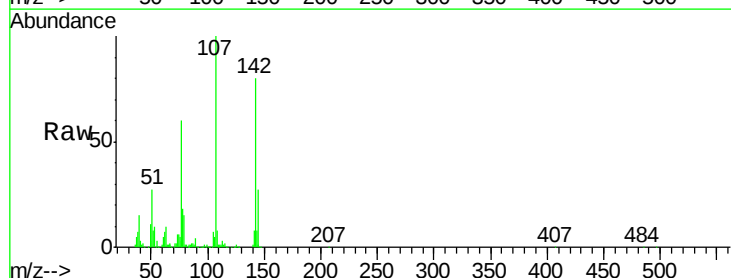
Tgt Ion:107 Resp: 173764

Ion Ratio Lower Upper

107 100

144 27.4 19.6 29.4

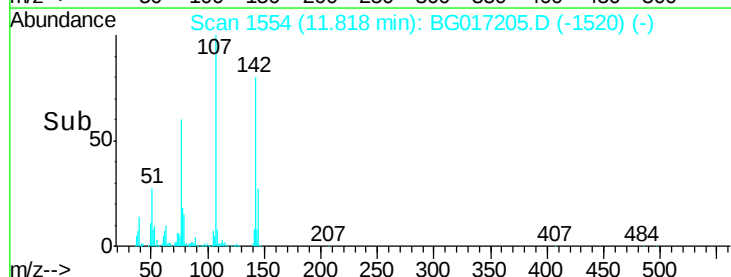
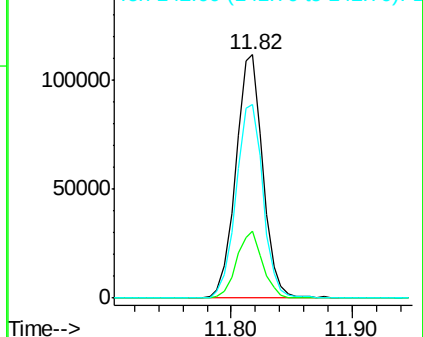
142 79.8 64.9 97.3

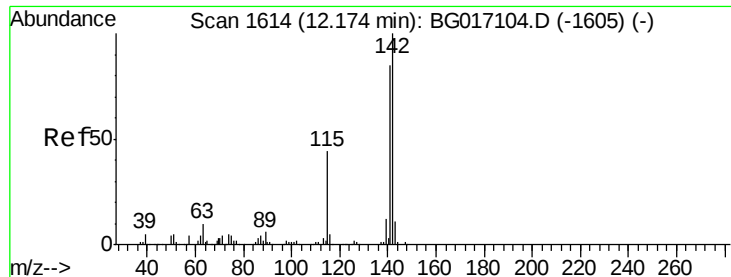


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

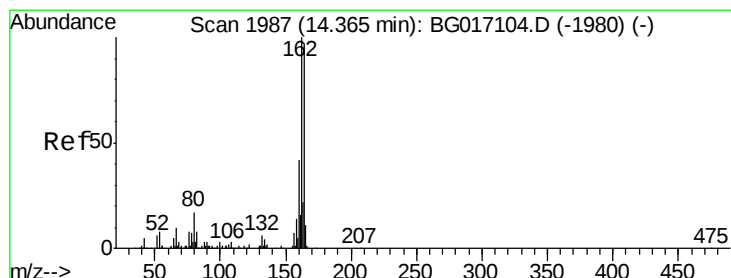
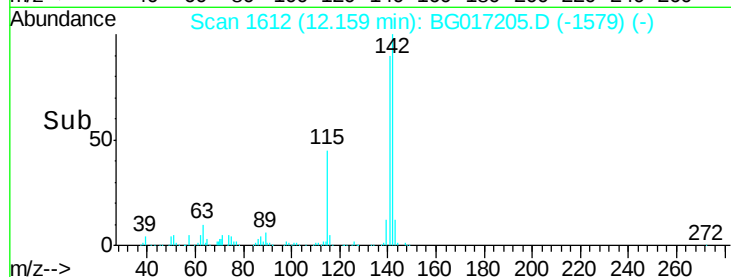
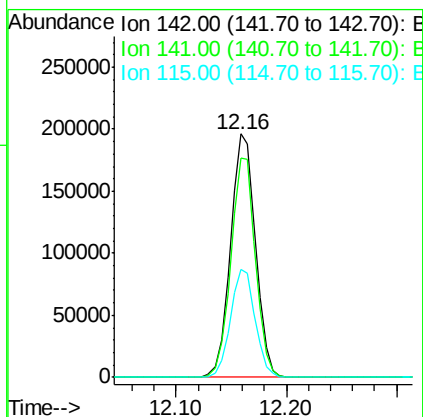
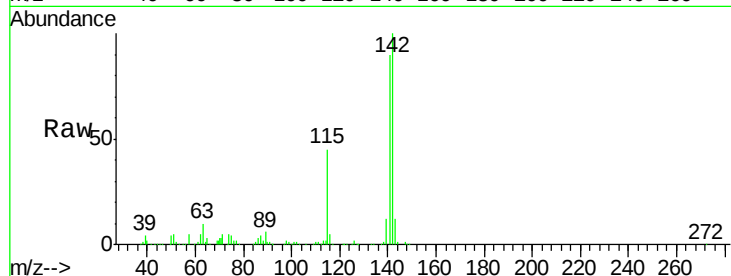




#37  
 2-Methylnaphthalene  
 Concen: 44.99 ng  
 RT: 12.16 min Scan# 1612  
 Delta R.T. -0.01 min  
 Lab File: BG017205.D  
 Acq: 19 May 2015 19:15

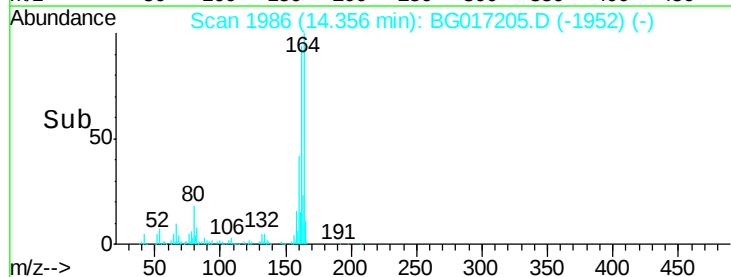
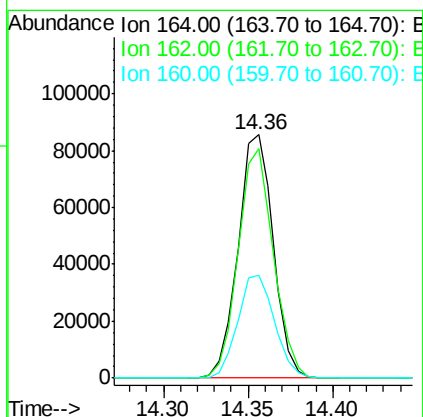
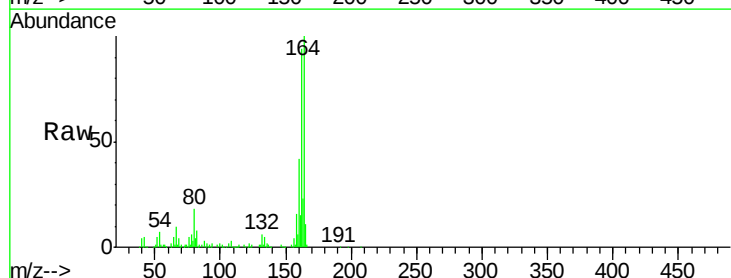
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-11(16-18)MSD

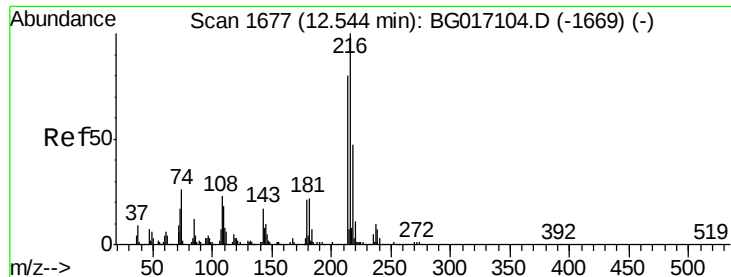
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.9  | 68.2  | 102.2 |
| 115     | 44.6  | 35.6  | 53.4  |



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 14.36 min Scan# 1986  
 Delta R.T. -0.00 min  
 Lab File: BG017205.D  
 Acq: 19 May 2015 19:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 94.2  | 82.1  | 123.1 |
| 160     | 42.4  | 34.8  | 52.2  |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.83 ng

RT: 12.53 min Scan# 1676

Delta R.T. -0.00 min

Lab File: BG017205.D

Acq: 19 May 2015 19:15

Instrument :

BNA\_G

ClientSampleId :

MW-11(16-18)MSD

Tgt Ion:216 Resp: 153715

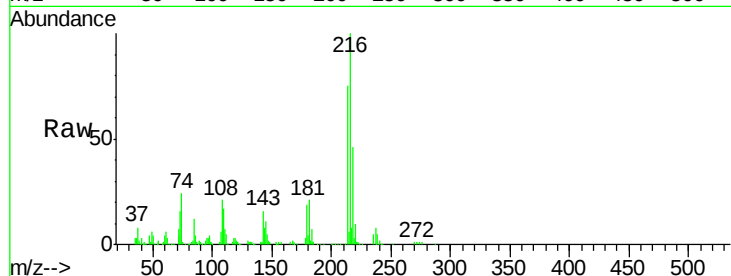
Ion Ratio Lower Upper

216 100

214 79.2 63.3 94.9

179 20.9 17.8 26.8

108 27.2 19.9 29.9

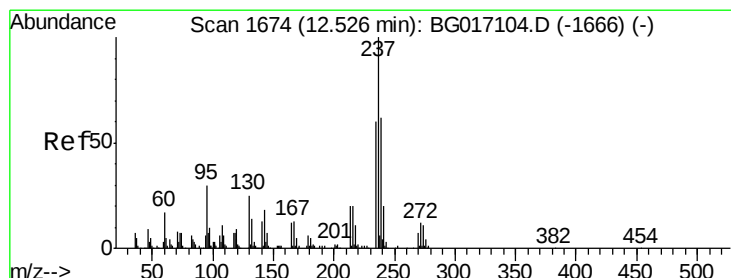
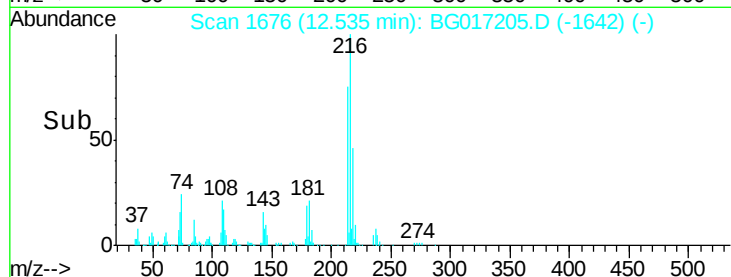
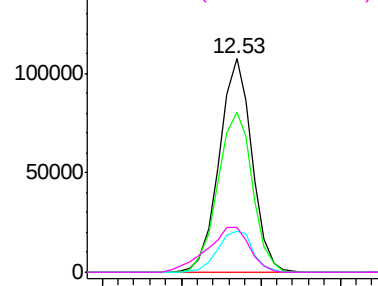


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 91.87 ng

RT: 12.51 min Scan# 1672

Delta R.T. -0.00 min

Lab File: BG017205.D

Acq: 19 May 2015 19:15

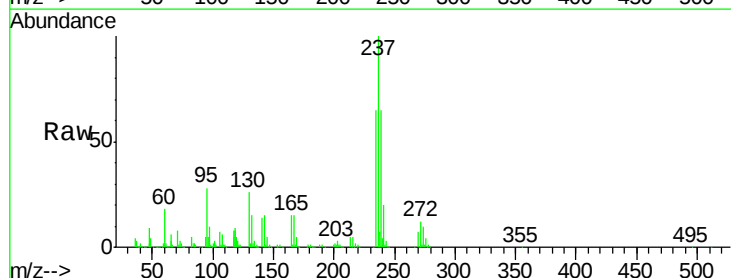
Tgt Ion:237 Resp: 196563

Ion Ratio Lower Upper

237 100

235 64.5 39.7 79.7

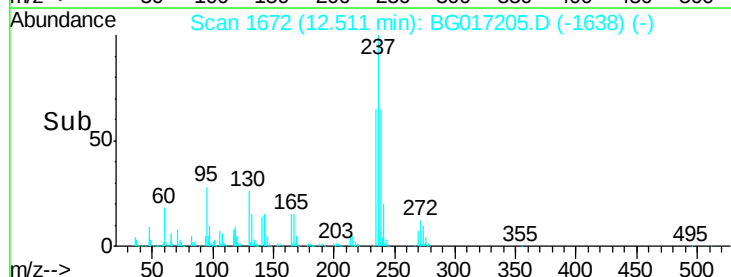
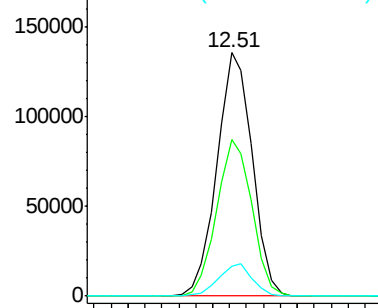
272 12.4 0.0 32.1

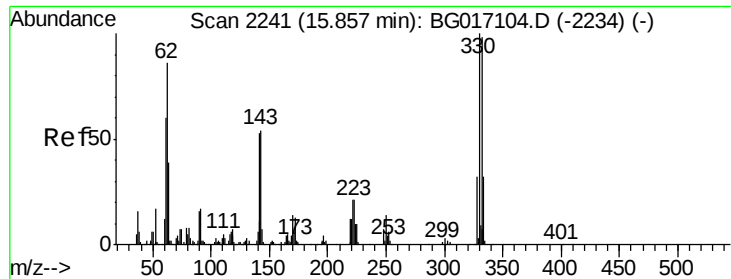


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

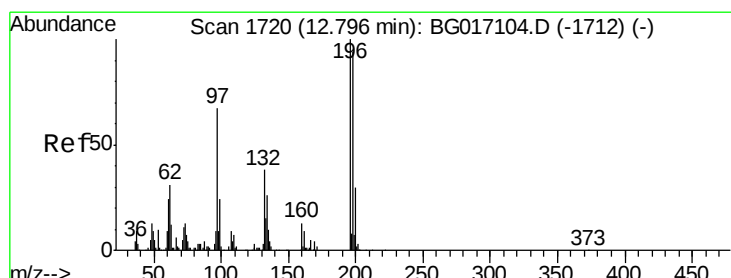
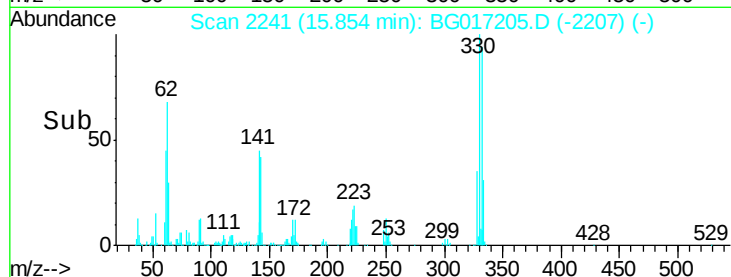
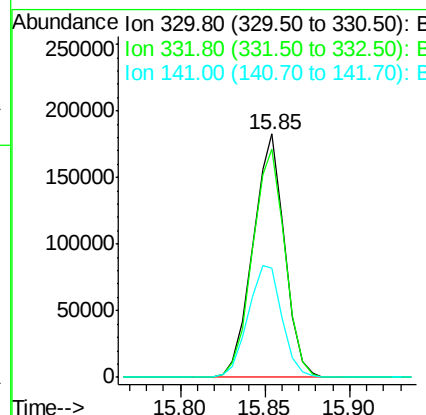
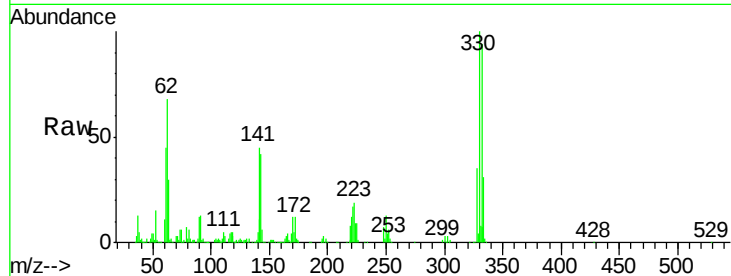




#41  
 2,4,6-Tribromophenol  
 Concen: 158.50 ng  
 RT: 15.85 min Scan# 2241  
 Delta R.T. -0.00 min  
 Lab File: BG017205.D  
 Acq: 19 May 2015 19:15

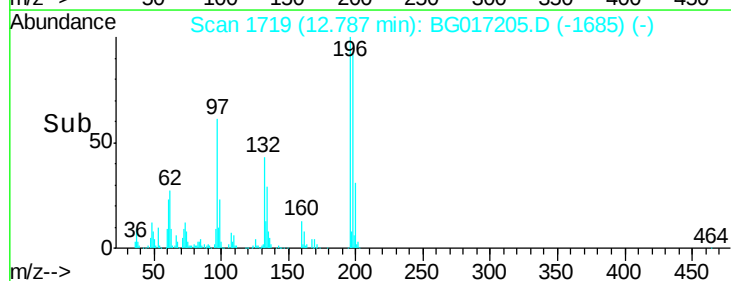
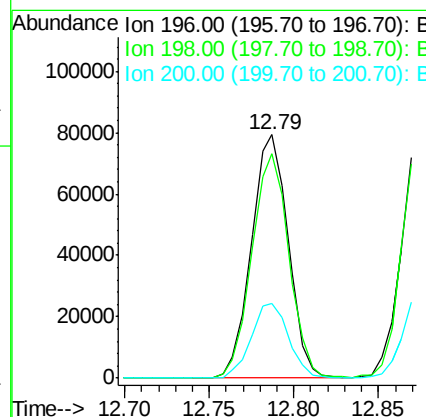
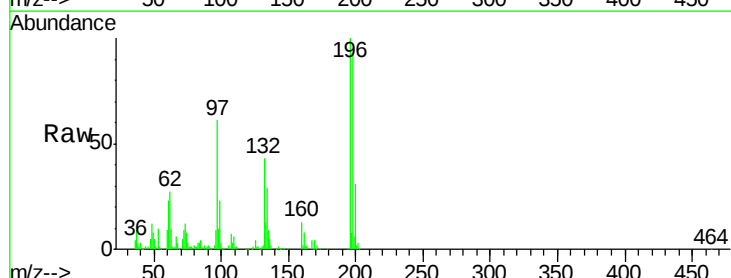
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-11(16-18)MSD

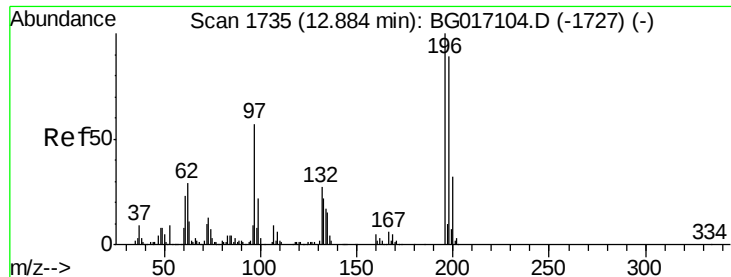
Tgt Ion: 330 Resp: 237519  
 Ion Ratio Lower Upper  
 330 100  
 332 96.4 76.9 115.3  
 141 49.6 42.2 63.2



#42  
 2,4,6-Trichlorophenol  
 Concen: 48.34 ng  
 RT: 12.79 min Scan# 1719  
 Delta R.T. -0.00 min  
 Lab File: BG017205.D  
 Acq: 19 May 2015 19:15

Tgt Ion: 196 Resp: 120263  
 Ion Ratio Lower Upper  
 196 100  
 198 92.2 74.9 112.3  
 200 30.6 24.2 36.2

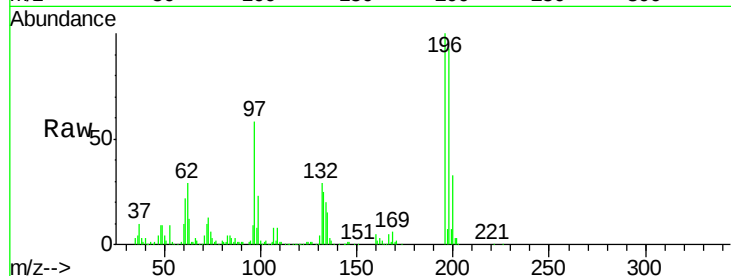




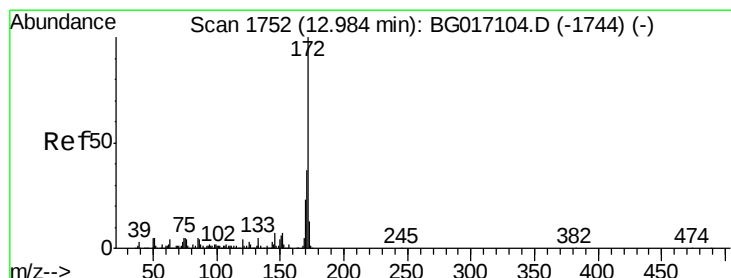
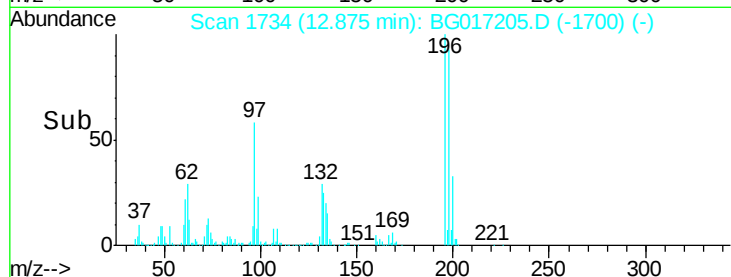
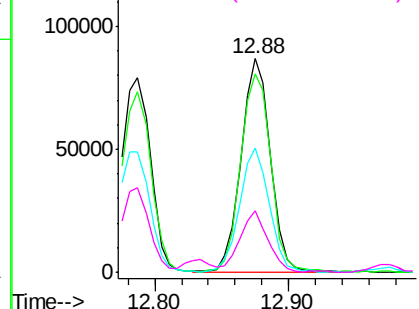
#43  
 2,4,5-Trichlorophenol  
 Concen: 51.00 ng  
 RT: 12.88 min Scan# 1734  
 Delta R.T. -0.00 min  
 Lab File: BG017205.D  
 Acq: 19 May 2015 19:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-11(16-18)MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 93.0  | 71.4  | 107.0 |
| 97      | 58.4  | 45.4  | 68.0  |
| 132     | 29.0  | 22.5  | 33.7  |

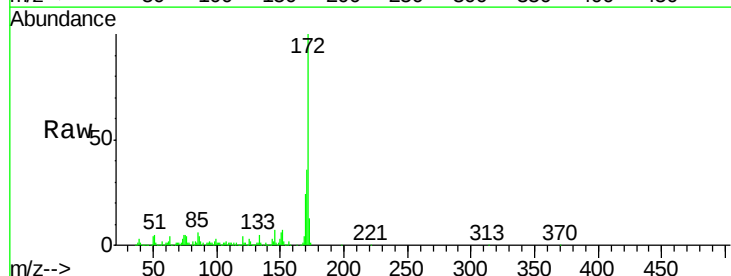


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BG  
 Ion 132.00 (131.70 to 132.70): E

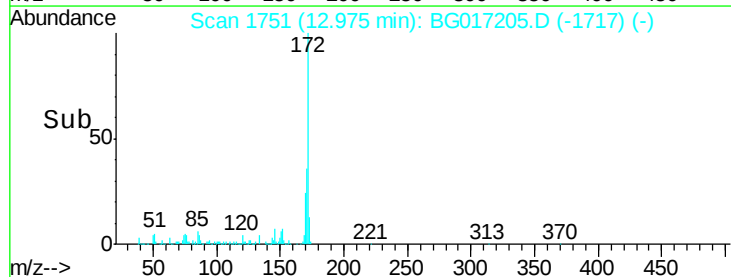
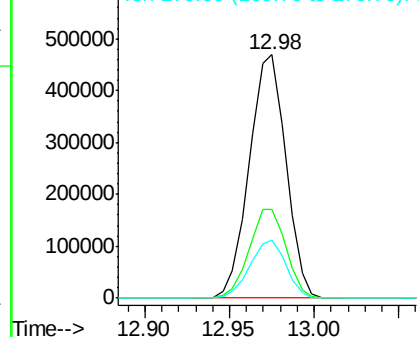


#44  
 2-Fluorobiphenyl  
 Concen: 83.90 ng  
 RT: 12.98 min Scan# 1751  
 Delta R.T. -0.00 min  
 Lab File: BG017205.D  
 Acq: 19 May 2015 19:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.3  | 29.7  | 44.5  |
| 170     | 23.6  | 18.4  | 27.6  |



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 44.10 ng

RT: 13.19 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BG017205.D

Acq: 19 May 2015 19:15

Instrument :

BNA\_G

ClientSampleId :

MW-11(16-18)MSD

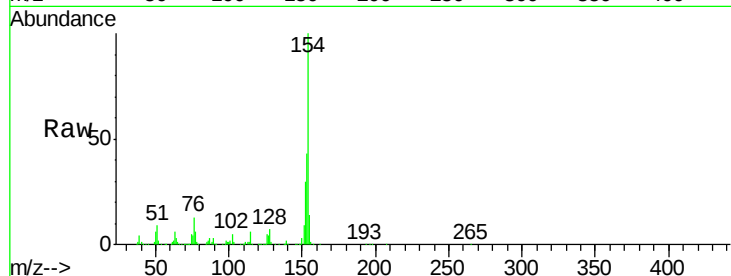
Tgt Ion:154 Resp: 393751

Ion Ratio Lower Upper

154 100

153 43.2 21.5 61.5

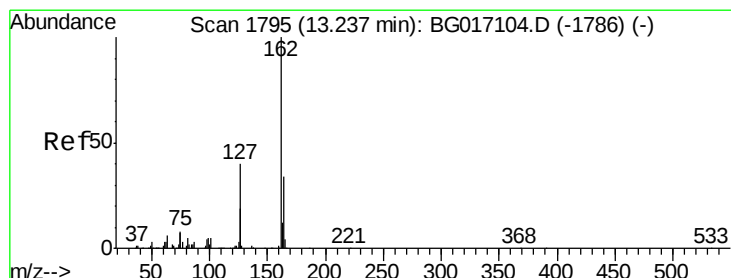
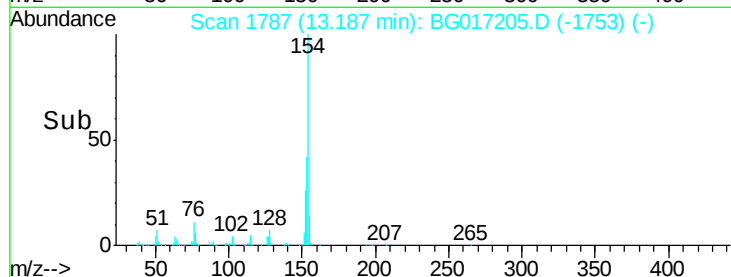
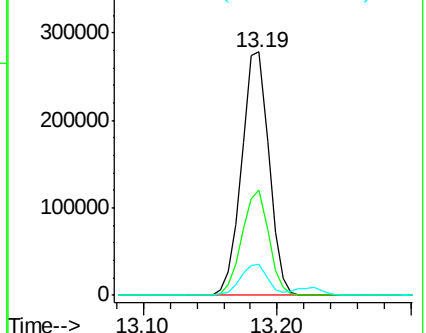
76 12.5 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 44.86 ng

RT: 13.22 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BG017205.D

Acq: 19 May 2015 19:15

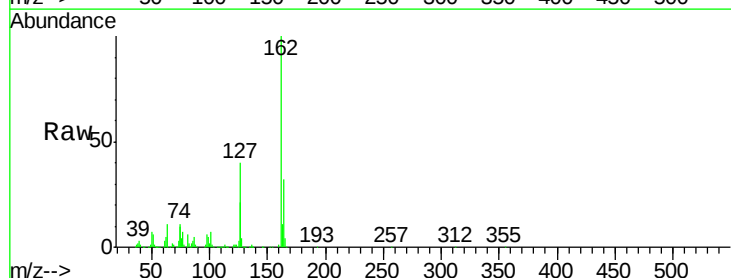
Tgt Ion:162 Resp: 317125

Ion Ratio Lower Upper

162 100

127 40.0 33.5 50.3

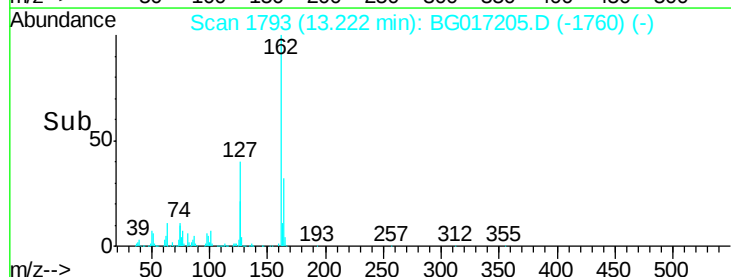
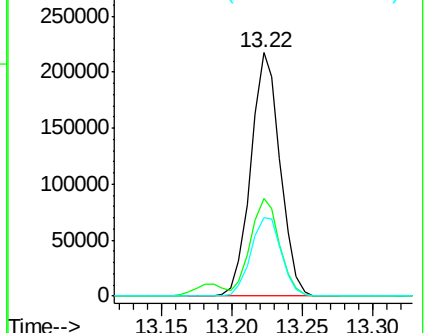
164 32.1 27.0 40.6

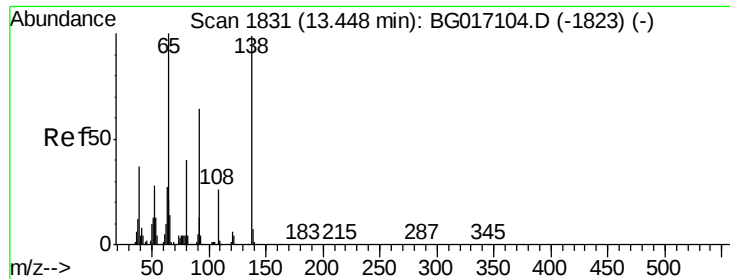


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

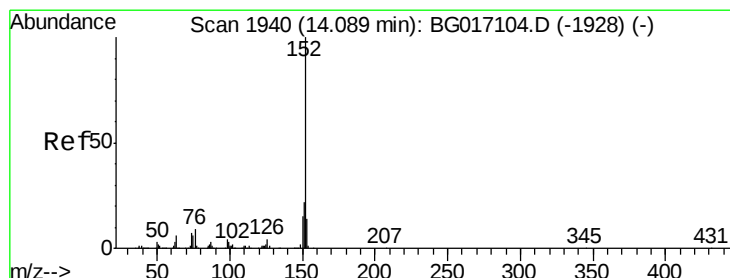
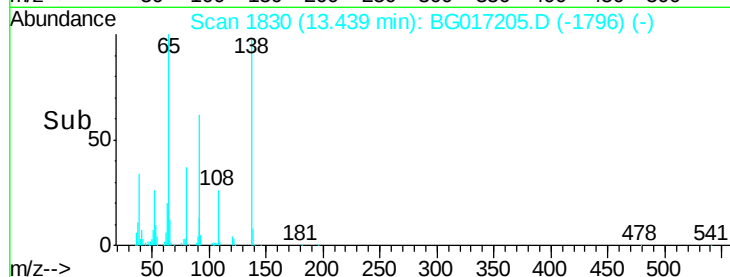
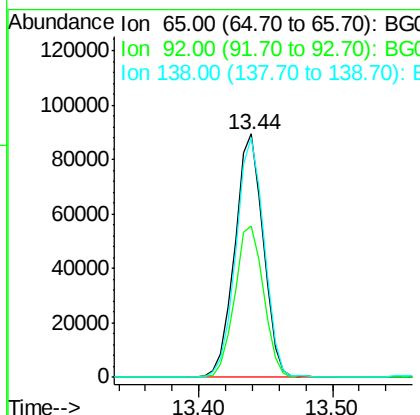
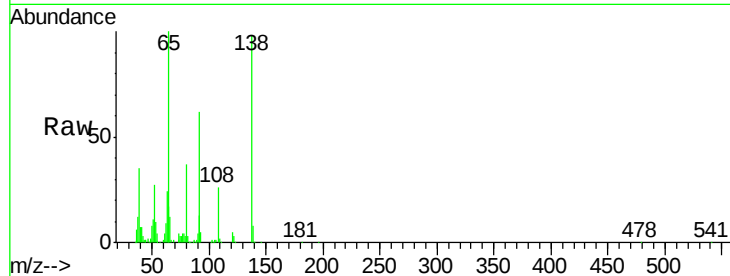




#47  
2-Nitroaniline  
Concen: 48.12 ng  
RT: 13.44 min Scan# 1830  
Delta R.T. -0.00 min  
Lab File: BG017205.D  
Acq: 19 May 2015 19:15

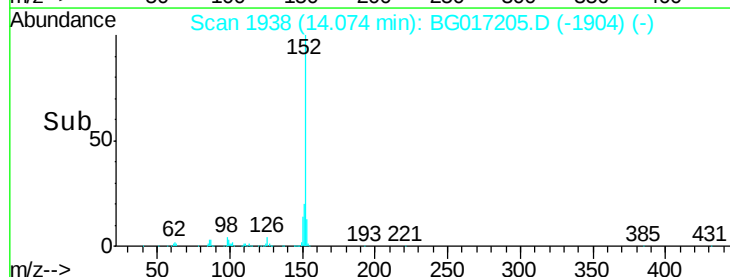
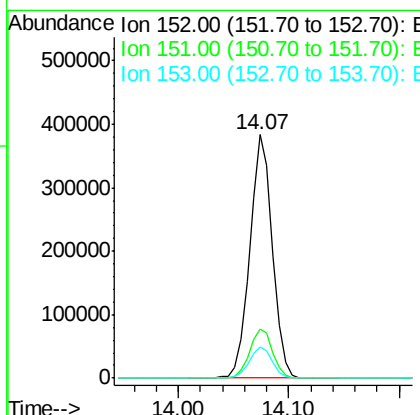
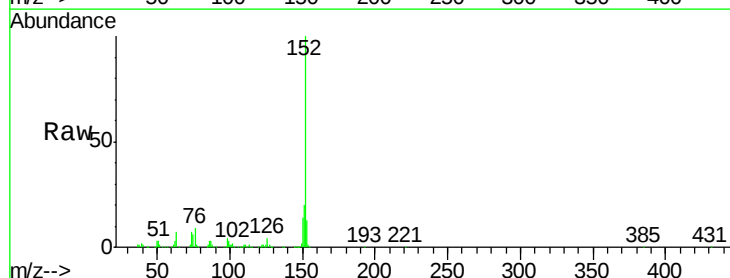
Instrument :  
BNA\_G  
ClientSampleId :  
MW-11(16-18)MSD

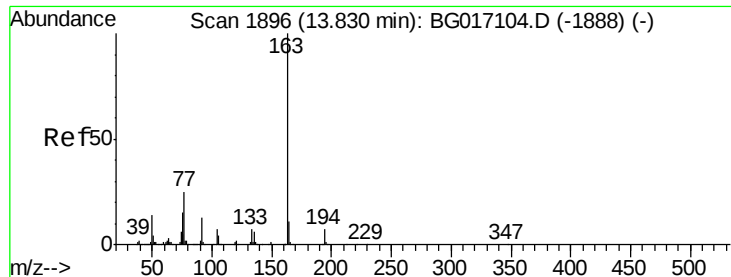
Tgt Ion: 65 Resp: 132355  
Ion Ratio Lower Upper  
65 100  
92 62.0 51.0 76.4  
138 98.3 79.3 118.9



#48  
Acenaphthylene  
Concen: 45.10 ng  
RT: 14.07 min Scan# 1938  
Delta R.T. -0.00 min  
Lab File: BG017205.D  
Acq: 19 May 2015 19:15

Tgt Ion: 152 Resp: 546091  
Ion Ratio Lower Upper  
152 100  
151 19.9 17.2 25.8  
153 12.9 10.8 16.2





#49

Dimethylphthalate

Concen: 51.88 ng

RT: 13.82 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BG017205.D

Acq: 19 May 2015 19:15

Instrument :

BNA\_G

ClientSampleId :

MW-11(16-18)MSD

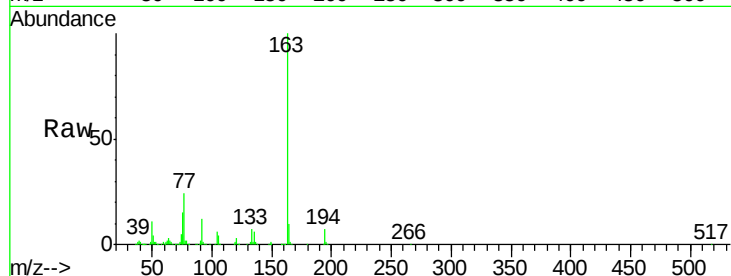
Tgt Ion:163 Resp: 502888

Ion Ratio Lower Upper

163 100

194 6.9 5.6 8.4

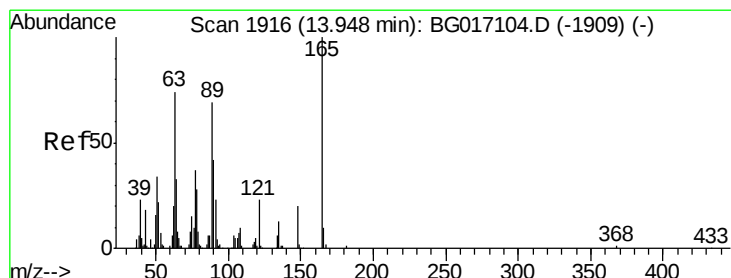
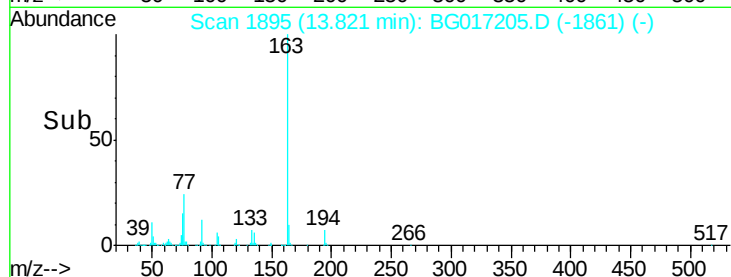
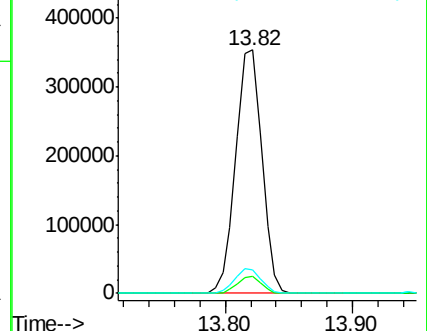
164 9.6 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 48.08 ng

RT: 13.94 min Scan# 1915

Delta R.T. -0.00 min

Lab File: BG017205.D

Acq: 19 May 2015 19:15

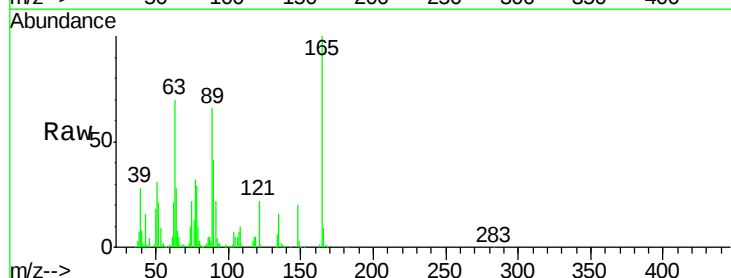
Tgt Ion:165 Resp: 103283

Ion Ratio Lower Upper

165 100

63 70.4 60.6 90.8

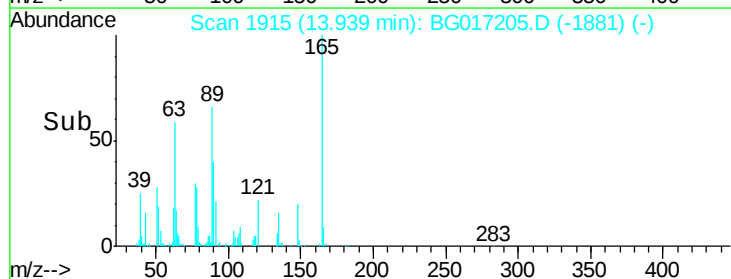
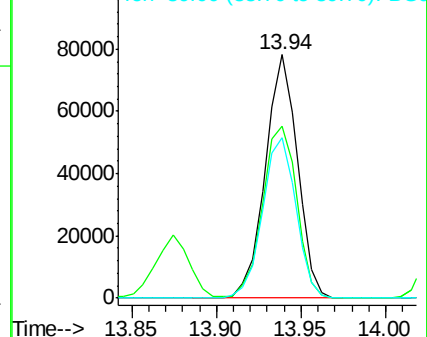
89 66.1 55.0 82.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 44.87 ng

RT: 14.42 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BG017205.D

Acq: 19 May 2015 19:15

Instrument :

BNA\_G

ClientSampleId :

MW-11(16-18)MSD

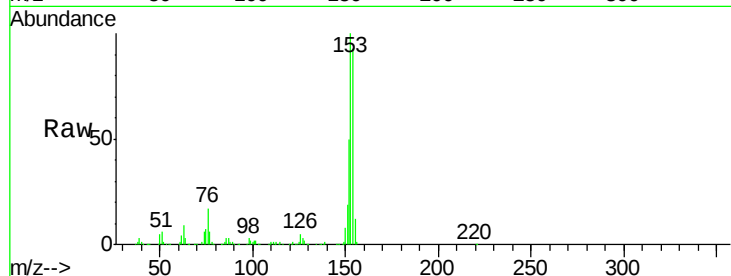
Tgt Ion:154 Resp: 320951

Ion Ratio Lower Upper

154 100

153 107.0 86.2 129.4

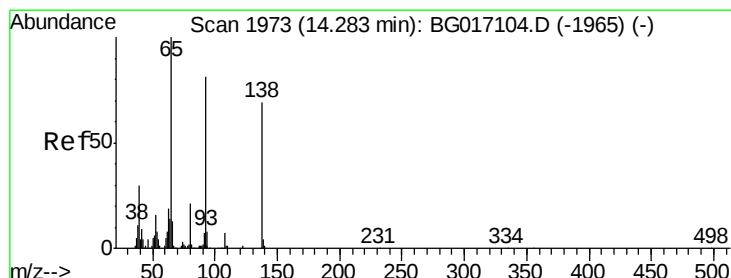
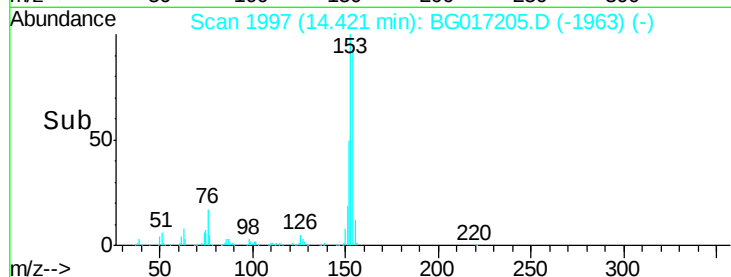
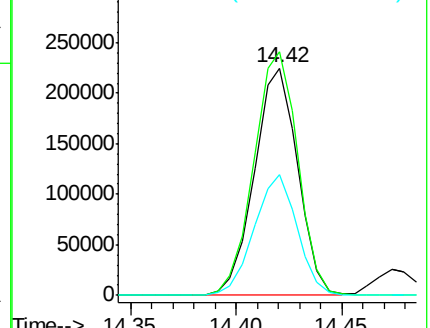
152 53.1 41.5 62.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 36.00 ng

RT: 14.27 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG017205.D

Acq: 19 May 2015 19:15

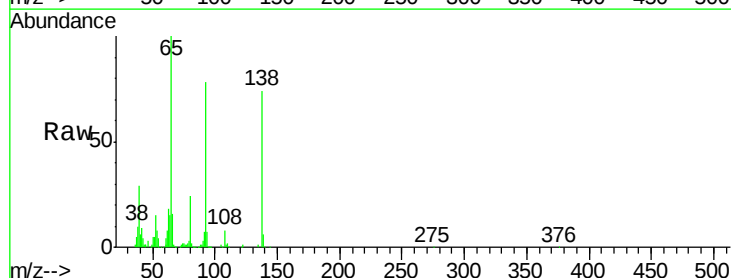
Tgt Ion:138 Resp: 85804

Ion Ratio Lower Upper

138 100

108 11.2 7.6 11.4

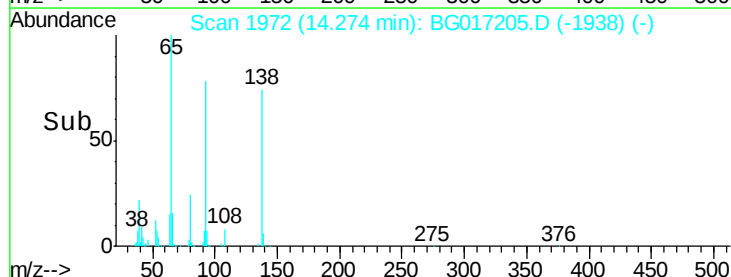
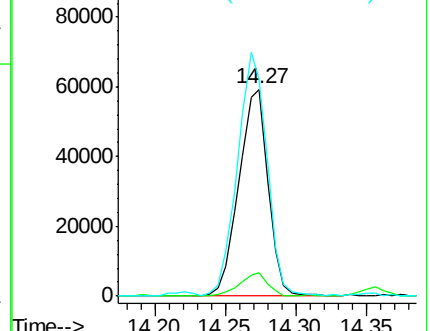
92 104.7 93.6 140.4

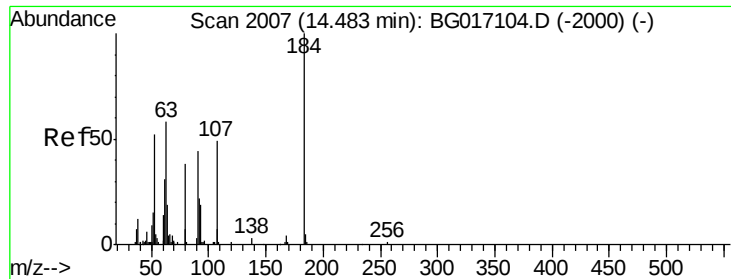


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGO

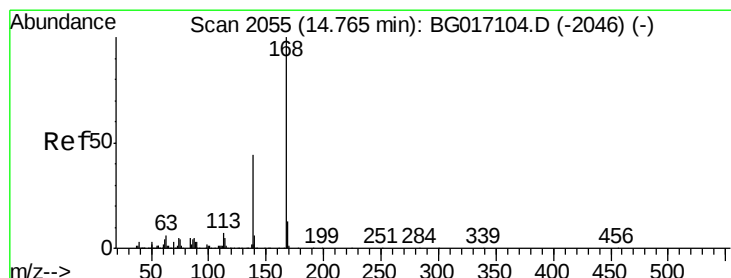
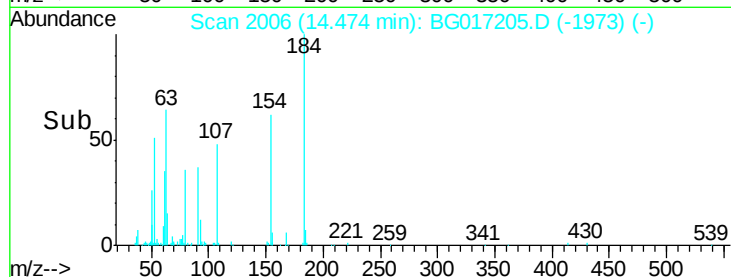
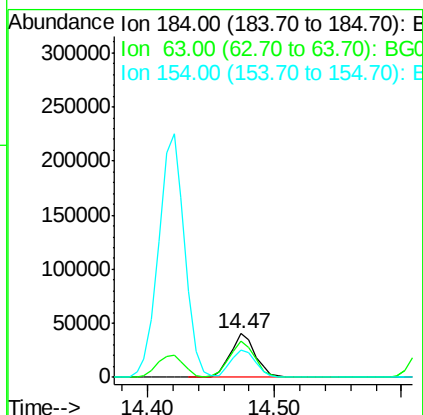
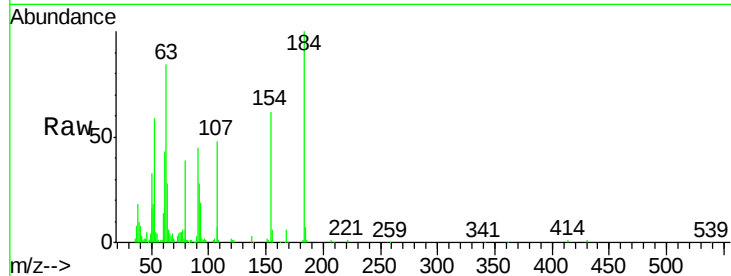




#53  
2,4-Dinitrophenol  
Concen: 44.63 ng  
RT: 14.47 min Scan# 2006  
Delta R.T. -0.01 min  
Lab File: BG017205.D  
Acq: 19 May 2015 19:15

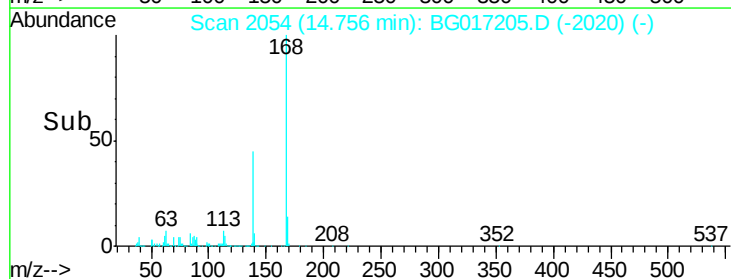
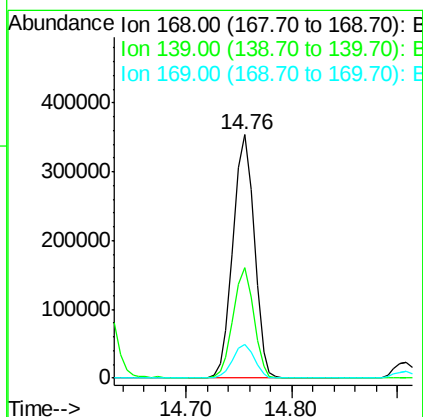
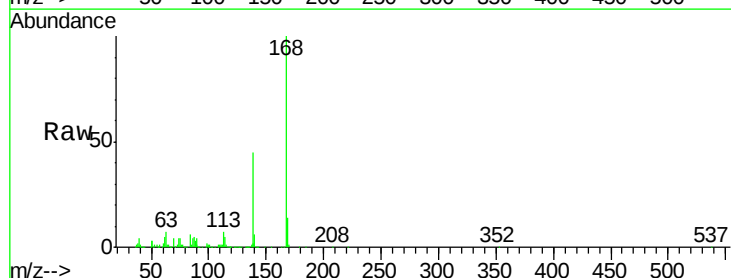
Instrument :  
BNA\_G  
ClientSampleId :  
MW-11(16-18)MSD

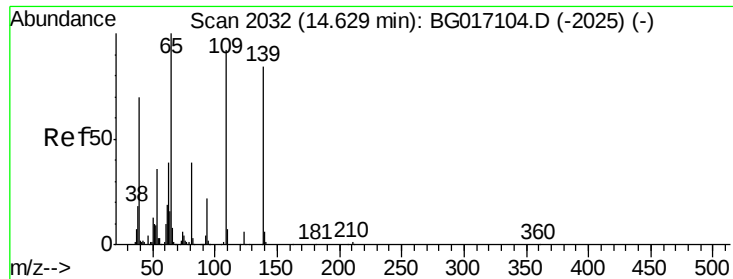
Tgt Ion:184 Resp: 55664  
Ion Ratio Lower Upper  
184 100  
63 83.9 63.6 95.4  
154 62.3 47.8 71.6



#54  
Dibenzofuran  
Concen: 46.11 ng  
RT: 14.76 min Scan# 2054  
Delta R.T. -0.00 min  
Lab File: BG017205.D  
Acq: 19 May 2015 19:15

Tgt Ion:168 Resp: 490289  
Ion Ratio Lower Upper  
168 100  
139 45.2 34.9 52.3  
169 13.9 10.5 15.7

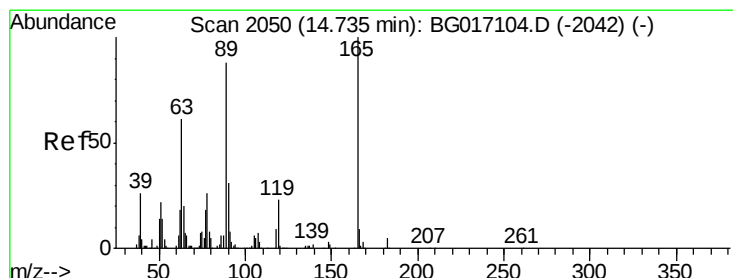
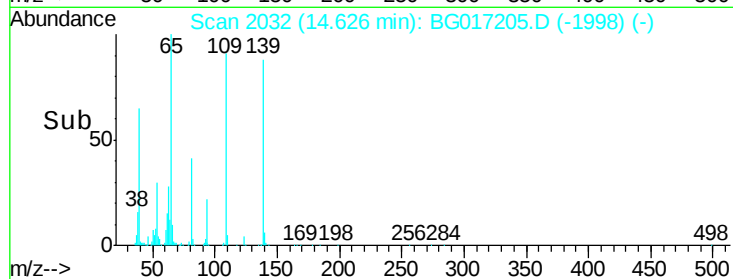
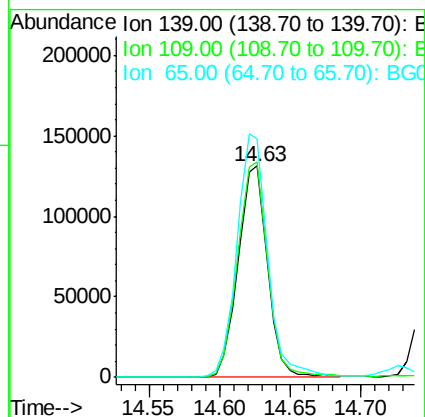
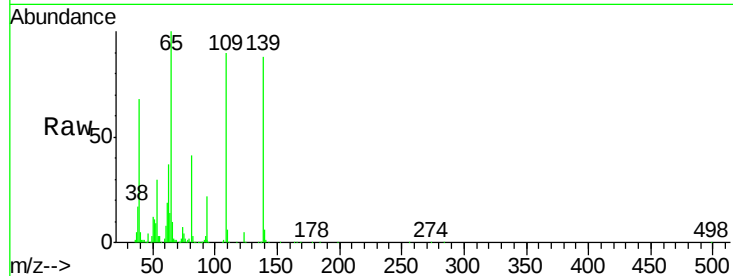




#55  
4-Nitrophenol  
Concen: 99.42 ng  
RT: 14.63 min Scan# 2032  
Delta R.T. -0.00 min  
Lab File: BG017205.D  
Acq: 19 May 2015 19:15

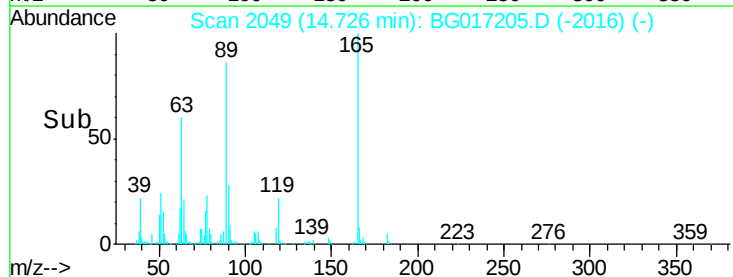
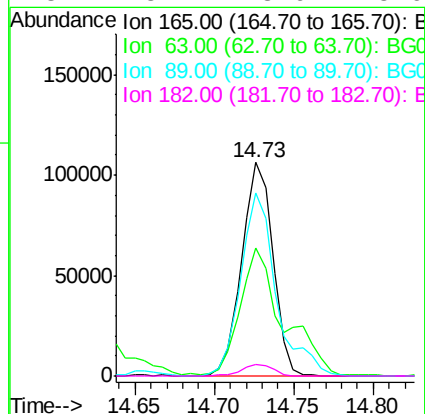
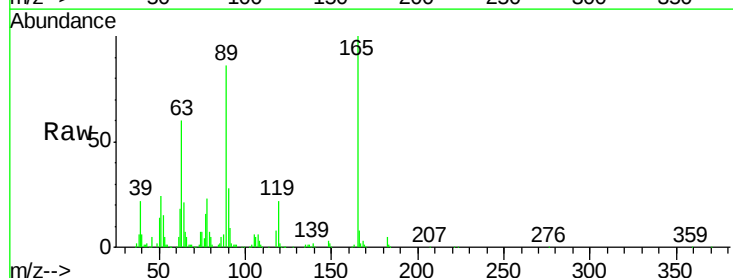
Instrument :  
BNA\_G  
ClientSampleId :  
MW-11(16-18)MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 102.2 | 90.5  | 130.5 |
| 65      | 113.1 | 99.9  | 139.9 |



#56  
2,4-Dinitrotoluene  
Concen: 48.57 ng  
RT: 14.73 min Scan# 2049  
Delta R.T. -0.01 min  
Lab File: BG017205.D  
Acq: 19 May 2015 19:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 60.1  | 49.0  | 73.4  |
| 89      | 85.9  | 70.1  | 105.1 |
| 182     | 5.4   | 3.9   | 5.9   |





#57

Fluorene

Concen: 45.85 ng

RT: 15.41 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BG017205.D

Acq: 19 May 2015 19:15

Instrument :

BNA\_G

ClientSampleId :

MW-11(16-18)MSD

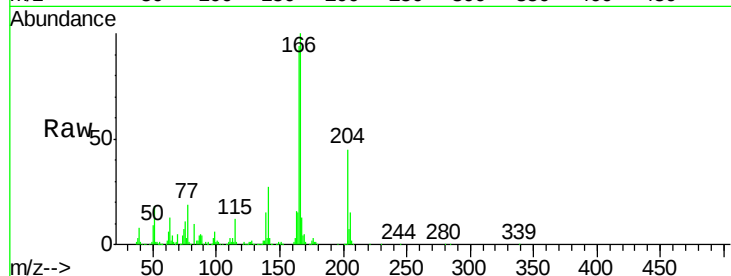
Tgt Ion:166 Resp: 431521

Ion Ratio Lower Upper

166 100

165 93.8 74.2 111.4

167 13.5 9.8 14.8

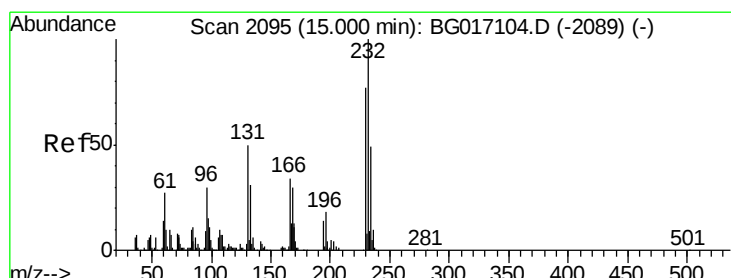
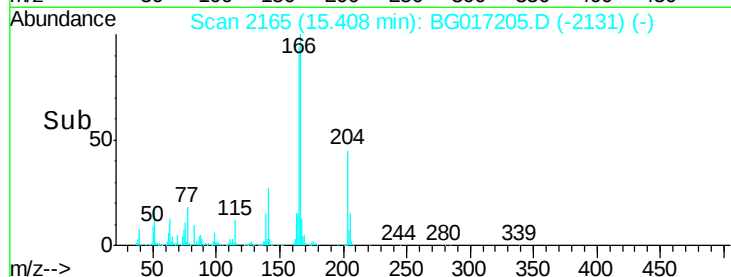
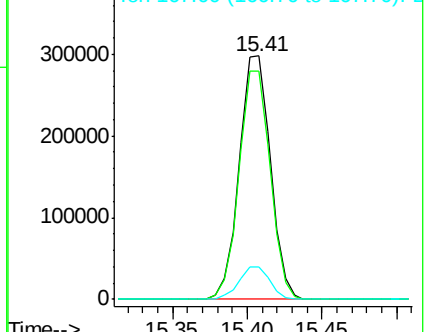


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.14 ng

RT: 14.99 min Scan# 2094

Delta R.T. -0.00 min

Lab File: BG017205.D

Acq: 19 May 2015 19:15

Tgt Ion:232 Resp: 120320

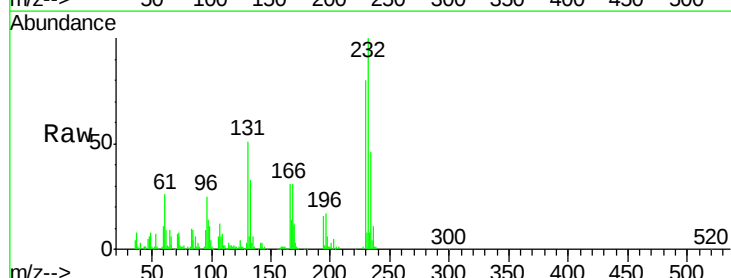
Ion Ratio Lower Upper

232 100

131 53.4 42.7 64.1

130 3.8 3.0 4.4

166 32.1 25.7 38.5



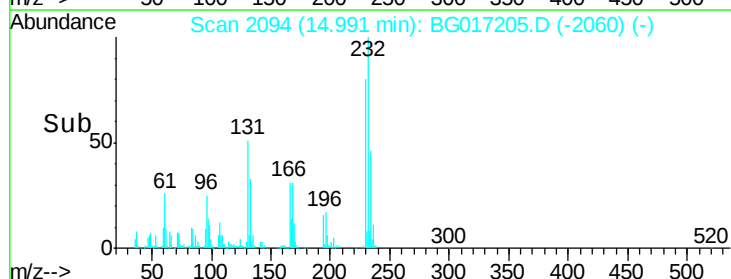
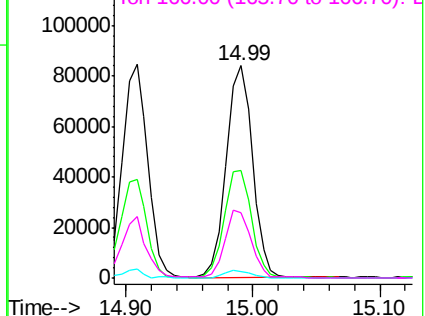
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

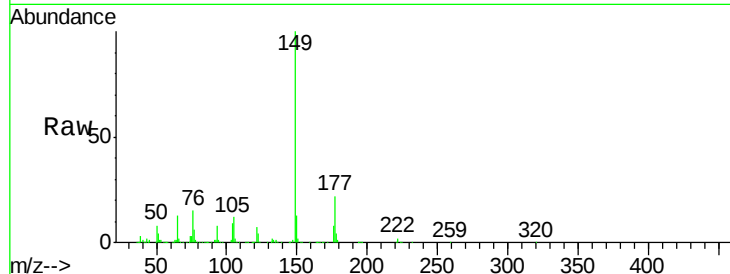




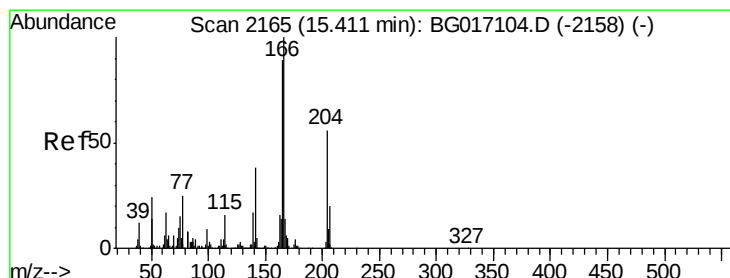
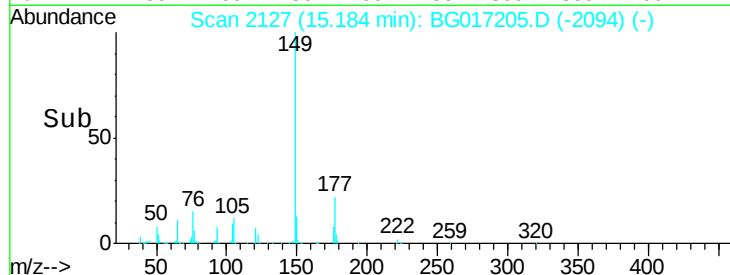
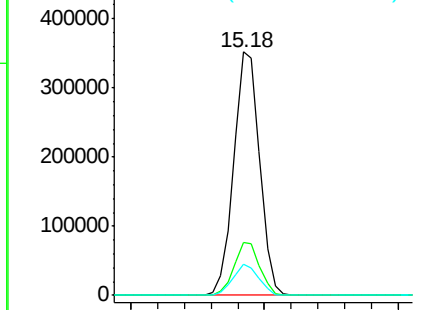
#59  
Diethylphthalate  
Concen: 45.56 ng  
RT: 15.18 min Scan# 2127  
Delta R.T. -0.01 min  
Lab File: BG017205.D  
Acq: 19 May 2015 19:15

Instrument :  
BNA\_G  
ClientSampleId :  
MW-11(16-18)MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.7  | 18.3  | 27.5  |
| 150     | 12.9  | 10.4  | 15.6  |

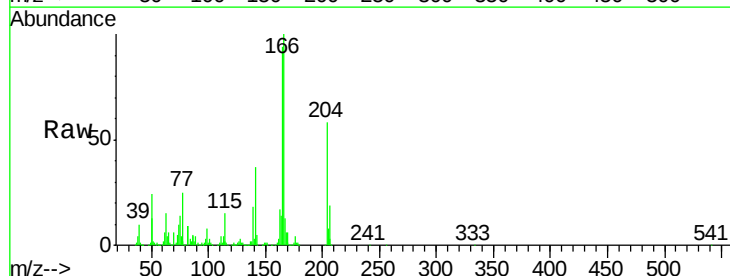


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

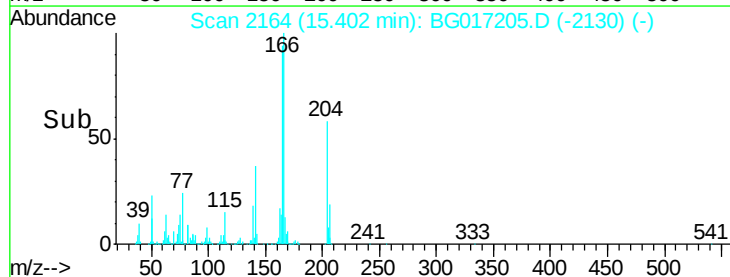
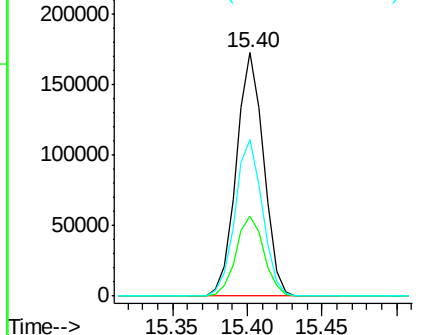


#60  
4-Chlorophenyl-phenylether  
Concen: 45.39 ng  
RT: 15.40 min Scan# 2164  
Delta R.T. -0.00 min  
Lab File: BG017205.D  
Acq: 19 May 2015 19:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.0  | 28.6  | 42.8  |
| 141     | 64.4  | 54.2  | 81.2  |



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

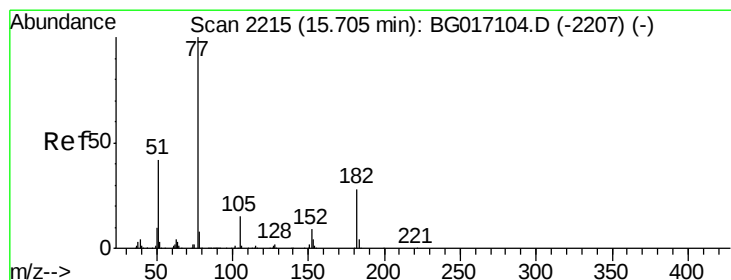
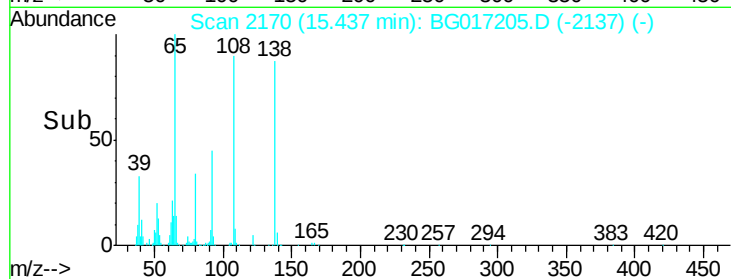
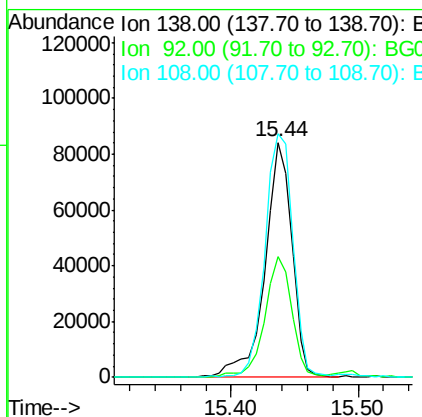
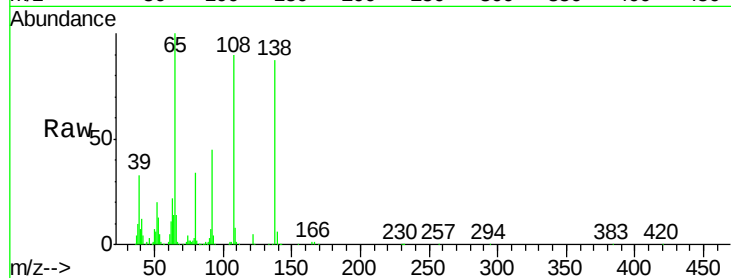




#61  
4-Nitroaniline  
Concen: 46.93 ng  
RT: 15.44 min Scan# 2170  
Delta R.T. -0.01 min  
Lab File: BG017205.D  
Acq: 19 May 2015 19:15

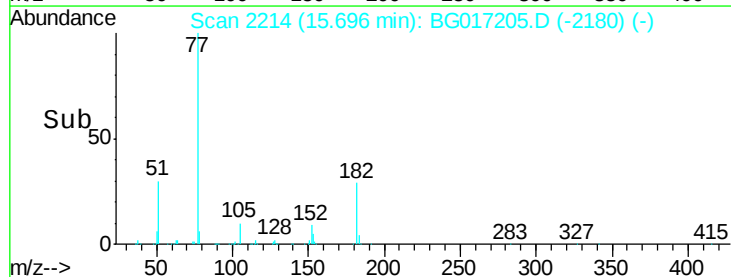
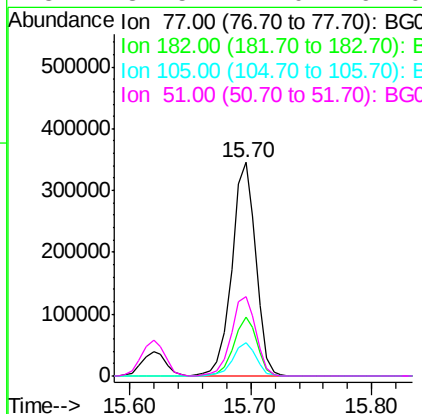
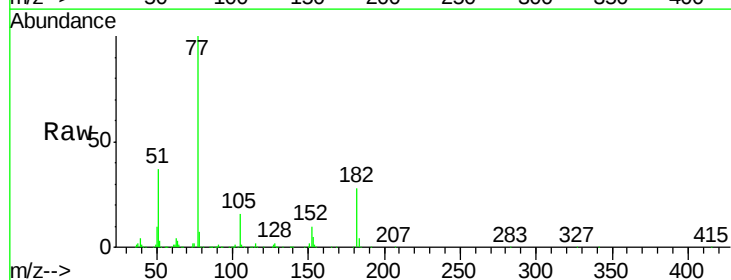
Instrument :  
BNA\_G  
ClientSampleId :  
MW-11(16-18)MSD

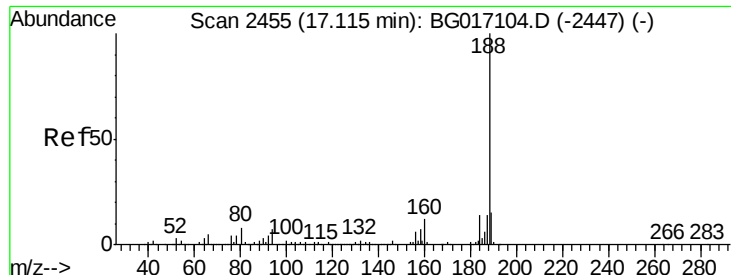
Tgt Ion: 138 Resp: 124794  
Ion Ratio Lower Upper  
138 100  
92 51.6 34.9 74.9  
108 103.6 95.8 135.8



#62  
Azobenzene  
Concen: 47.69 ng  
RT: 15.70 min Scan# 2214  
Delta R.T. -0.00 min  
Lab File: BG017205.D  
Acq: 19 May 2015 19:15

Tgt Ion: 77 Resp: 474393  
Ion Ratio Lower Upper  
77 100  
182 27.8 8.1 48.1  
105 15.7 0.0 34.8  
51 37.5 22.0 62.0

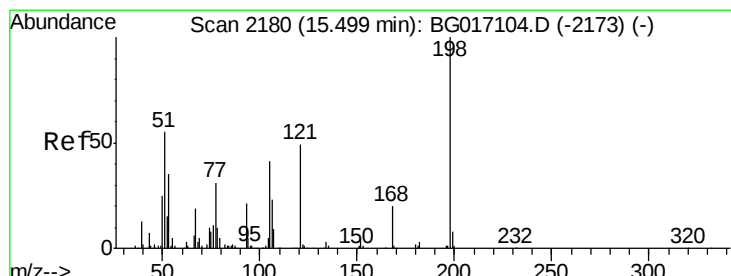
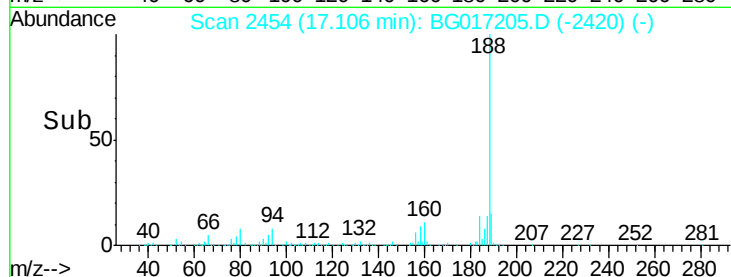
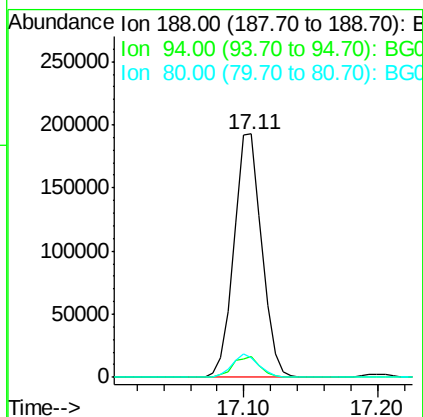
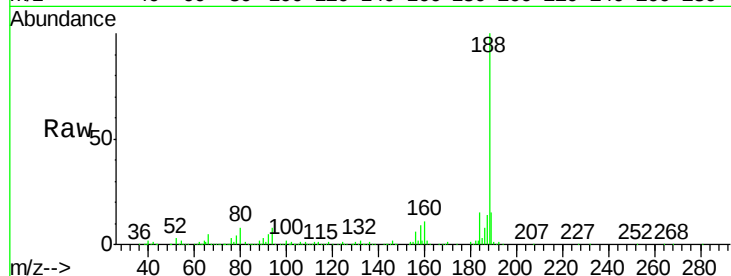




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.11 min Scan# 2454  
Delta R.T. -0.00 min  
Lab File: BG017205.D  
Acq: 19 May 2015 19:15

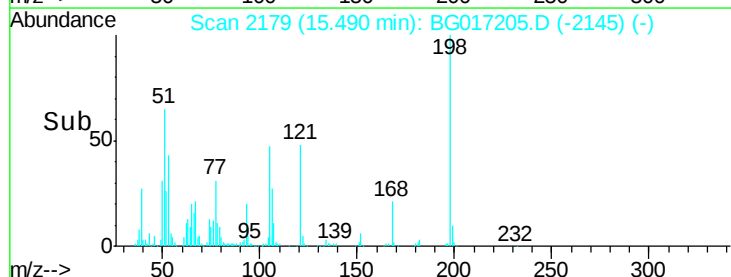
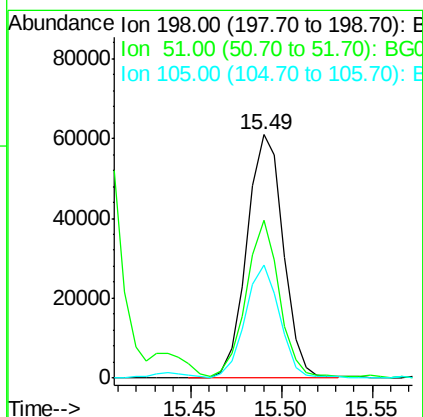
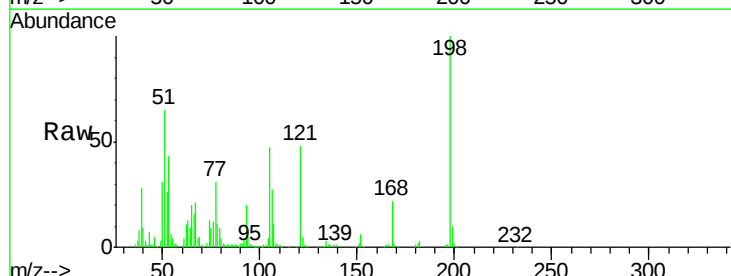
Instrument :  
BNA\_G  
ClientSampleId :  
MW-11(16-18)MSD

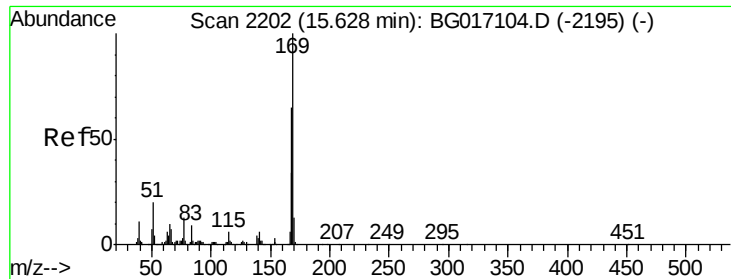
Tgt Ion:188 Resp: 278274  
Ion Ratio Lower Upper  
188 100  
94 8.4 5.8 8.6  
80 8.1 6.5 9.7



#64  
4,6-Dinitro-2-methylphenol  
Concen: 44.60 ng  
RT: 15.49 min Scan# 2179  
Delta R.T. -0.00 min  
Lab File: BG017205.D  
Acq: 19 May 2015 19:15

Tgt Ion:198 Resp: 85066  
Ion Ratio Lower Upper  
198 100  
51 64.6 39.9 79.9  
105 46.7 22.0 62.0





#65

n-Nitrosodiphenylamine

Concen: 45.70 ng

RT: 15.62 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BG017205.D

Acq: 19 May 2015 19:15

Instrument :

BNA\_G

ClientSampleId :

MW-11(16-18)MSD

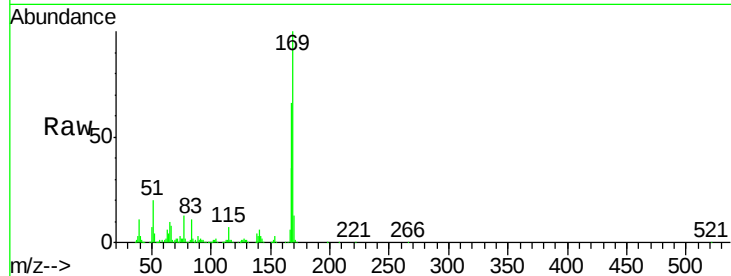
Tgt Ion:169 Resp: 390433

Ion Ratio Lower Upper

169 100

168 65.5 51.7 77.5

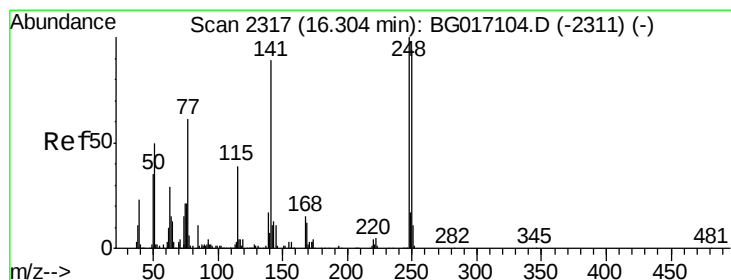
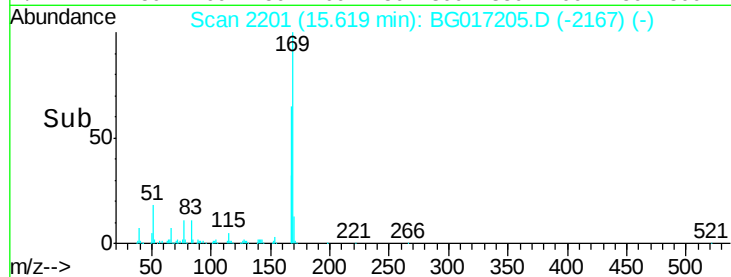
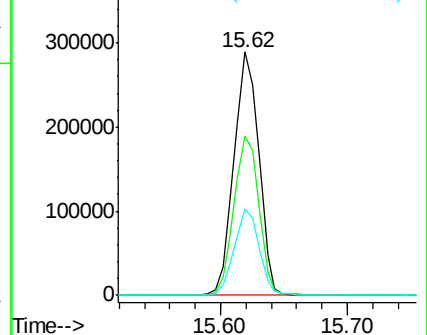
167 35.3 27.4 41.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.46 ng

RT: 16.29 min Scan# 2316

Delta R.T. -0.01 min

Lab File: BG017205.D

Acq: 19 May 2015 19:15

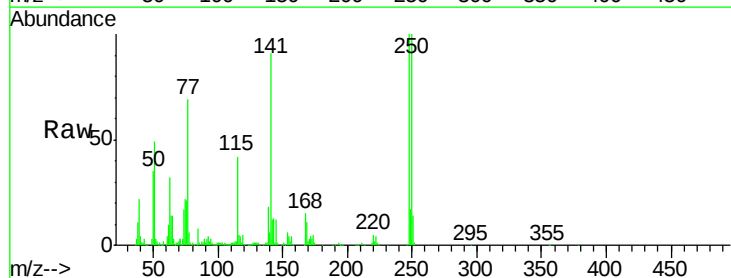
Tgt Ion:248 Resp: 134932

Ion Ratio Lower Upper

248 100

250 99.9 75.0 112.4

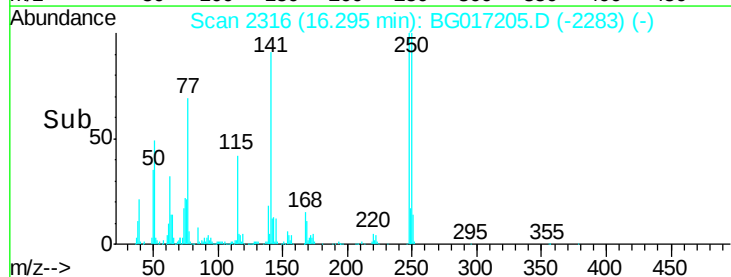
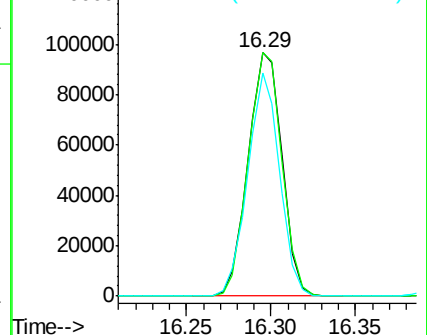
141 91.4 71.3 106.9

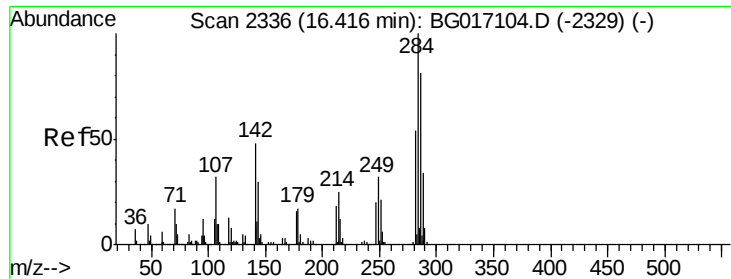


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

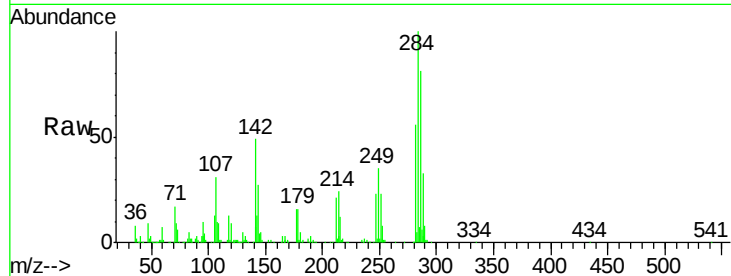




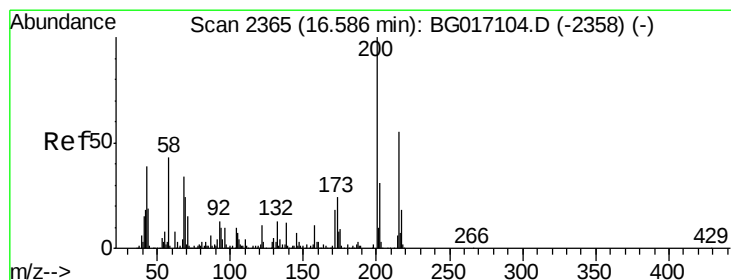
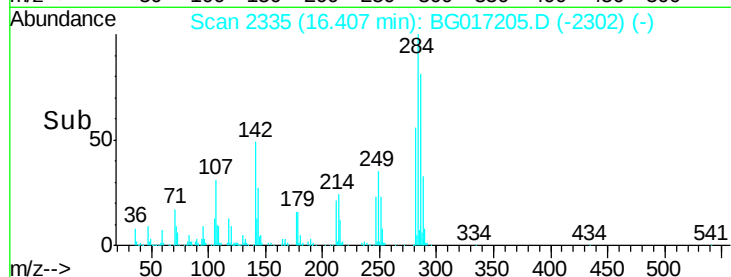
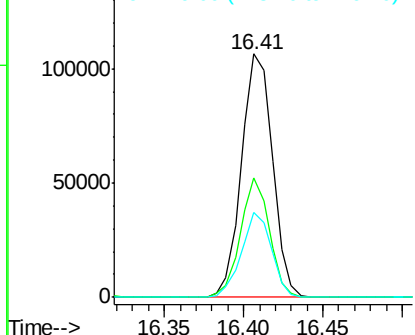
#67  
Hexachlorobenzene  
Concen: 45.23 ng  
RT: 16.41 min Scan# 2335  
Delta R.T. -0.01 min  
Lab File: BG017205.D  
Acq: 19 May 2015 19:15

Instrument :  
BNA\_G  
ClientSampleId :  
MW-11(16-18)MSD

Tgt Ion:284 Resp: 144849  
Ion Ratio Lower Upper  
284 100  
142 49.1 38.2 57.2  
249 34.8 25.2 37.8

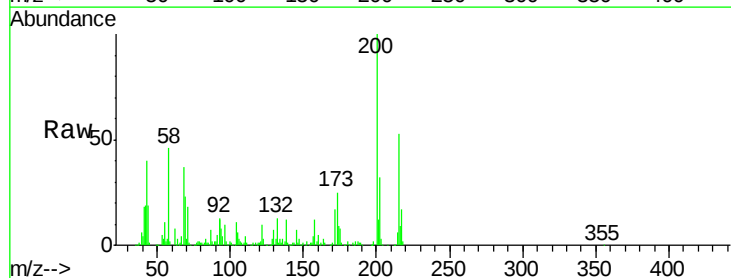


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

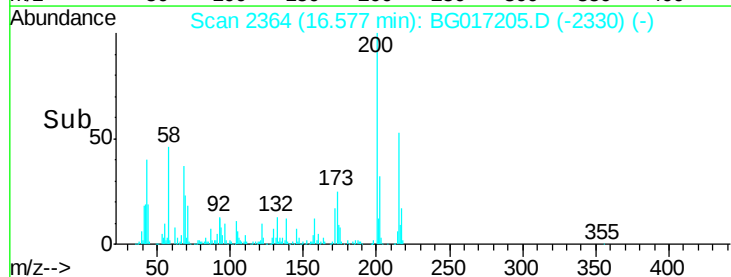
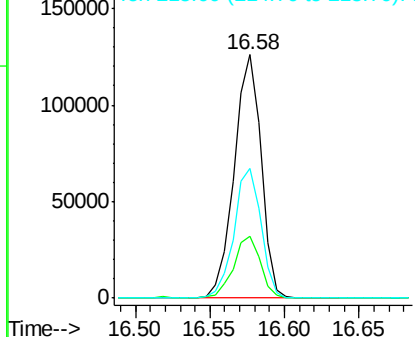


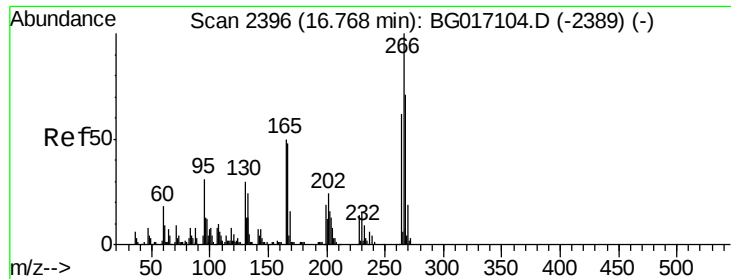
#68  
Atrazine  
Concen: 50.88 ng  
RT: 16.58 min Scan# 2364  
Delta R.T. -0.00 min  
Lab File: BG017205.D  
Acq: 19 May 2015 19:15

Tgt Ion:200 Resp: 159015  
Ion Ratio Lower Upper  
200 100  
173 25.3 3.7 43.7  
215 53.2 35.5 75.5



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

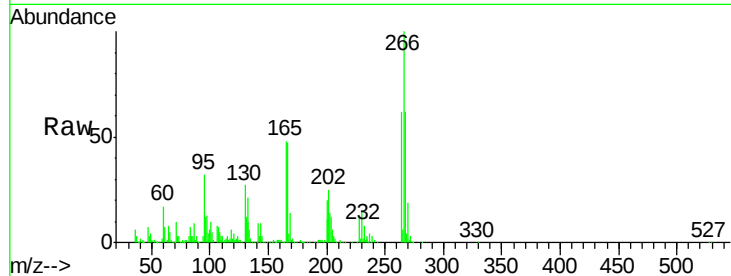




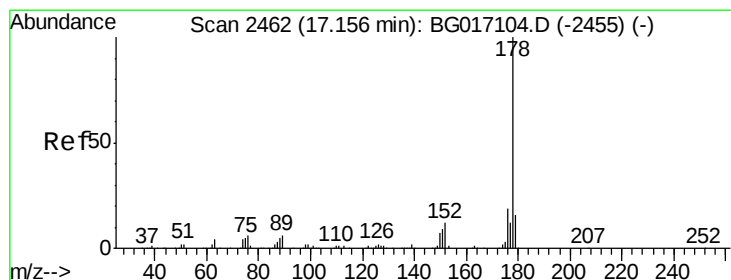
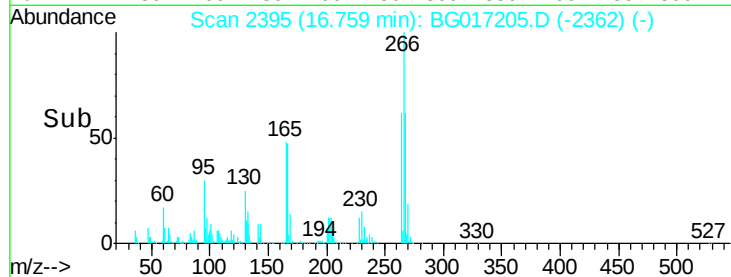
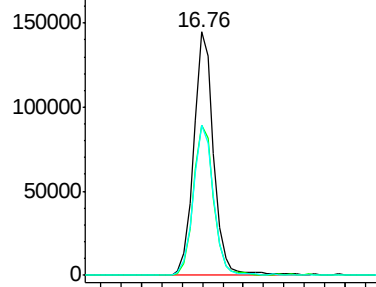
#69  
 Pentachlorophenol  
 Concen: 98.28 ng  
 RT: 16.76 min Scan# 2395  
 Delta R.T. -0.01 min  
 Lab File: BG017205.D  
 Acq: 19 May 2015 19:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-11(16-18)MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 61.9  | 56.6  | 84.8  |
| 264     | 61.9  | 49.4  | 74.0  |

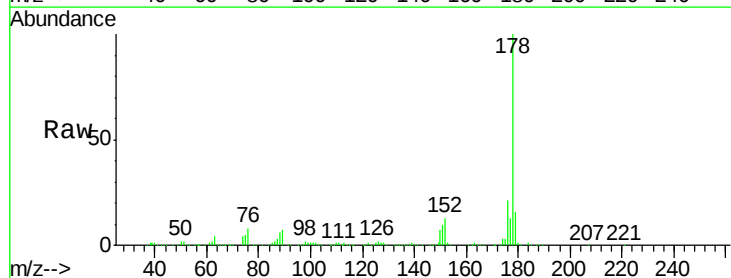


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

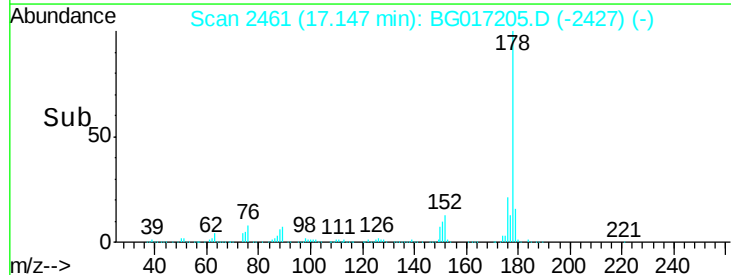
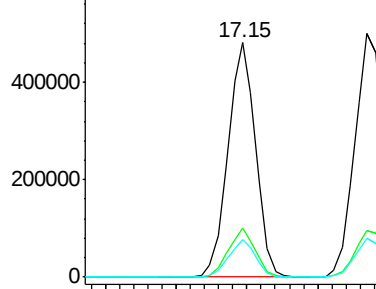


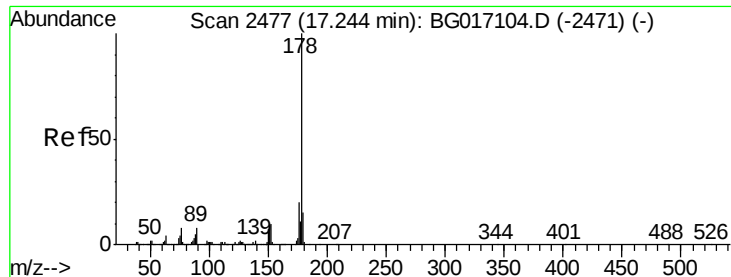
#70  
 Phenanthrene  
 Concen: 45.96 ng  
 RT: 17.15 min Scan# 2461  
 Delta R.T. -0.00 min  
 Lab File: BG017205.D  
 Acq: 19 May 2015 19:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.7  | 15.4  | 23.2  |
| 179     | 16.3  | 12.5  | 18.7  |



Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 47.24 ng

RT: 17.23 min Scan# 2476

Delta R.T. -0.01 min

Lab File: BG017205.D

Acq: 19 May 2015 19:15

Instrument :

BNA\_G

ClientSampleId :

MW-11(16-18)MSD

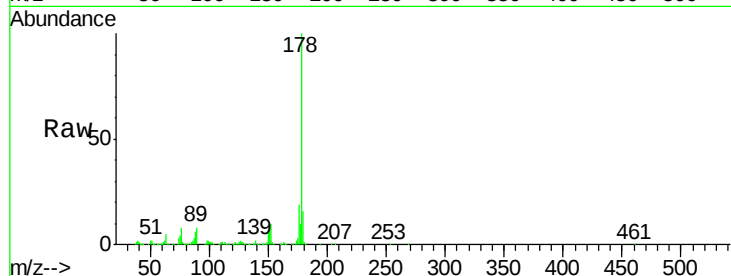
Tgt Ion:178 Resp: 686991

Ion Ratio Lower Upper

178 100

176 19.2 16.3 24.5

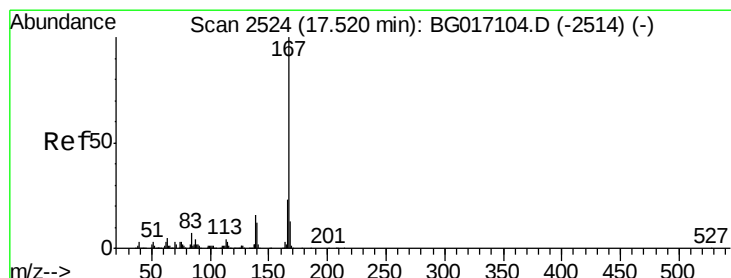
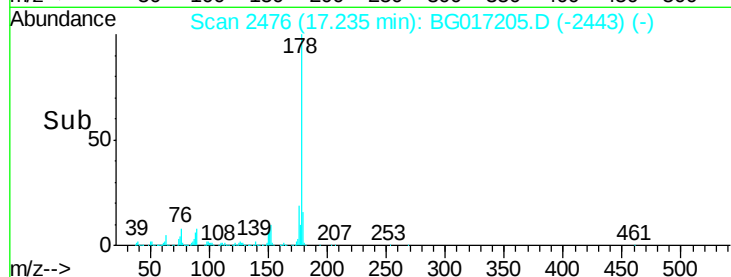
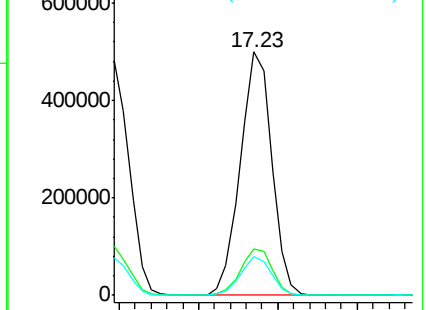
179 15.9 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 48.94 ng

RT: 17.51 min Scan# 2523

Delta R.T. -0.01 min

Lab File: BG017205.D

Acq: 19 May 2015 19:15

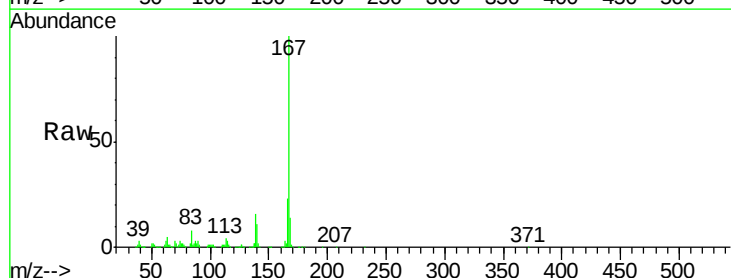
Tgt Ion:167 Resp: 654046

Ion Ratio Lower Upper

167 100

166 22.5 18.4 27.6

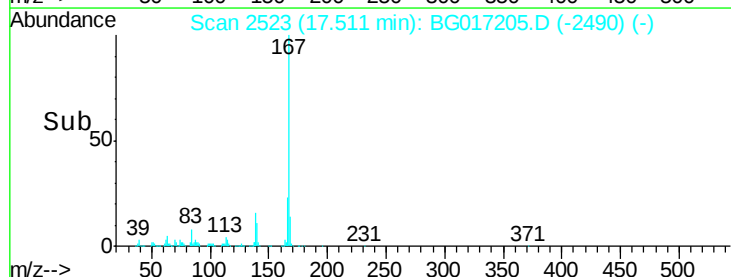
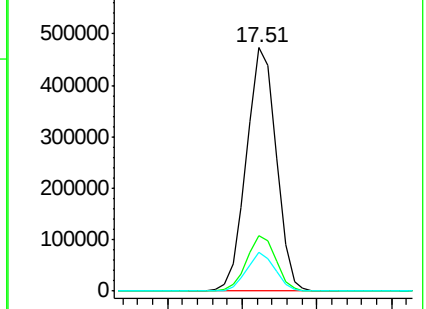
139 15.9 13.0 19.4

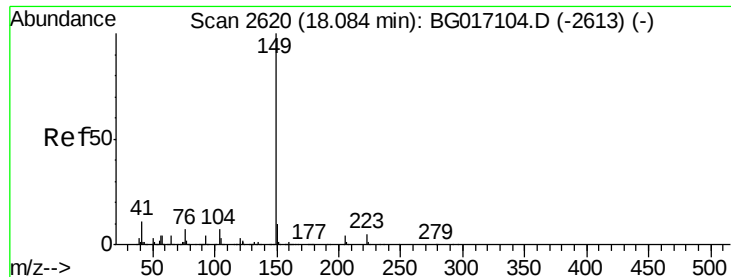


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

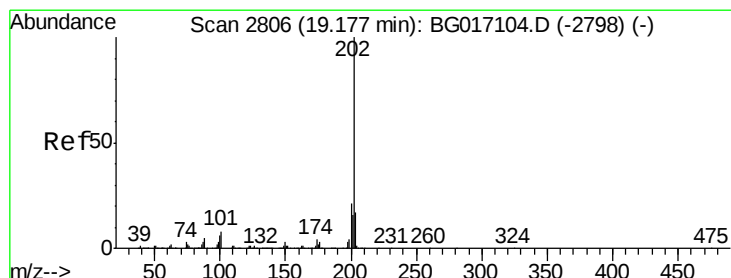
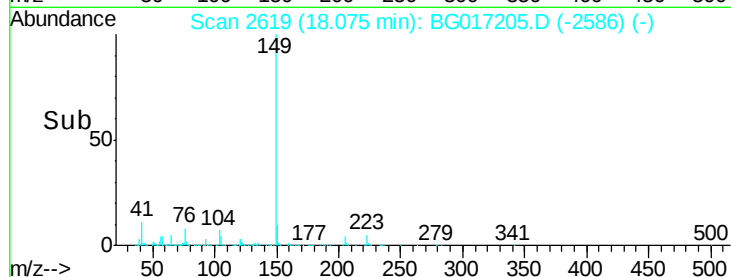
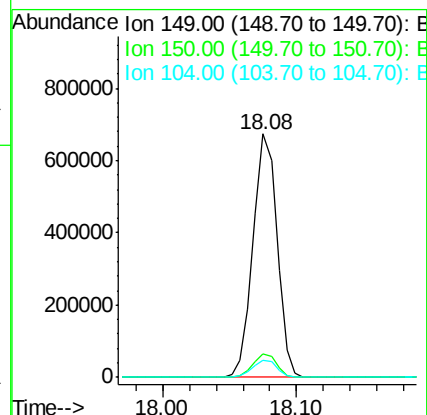
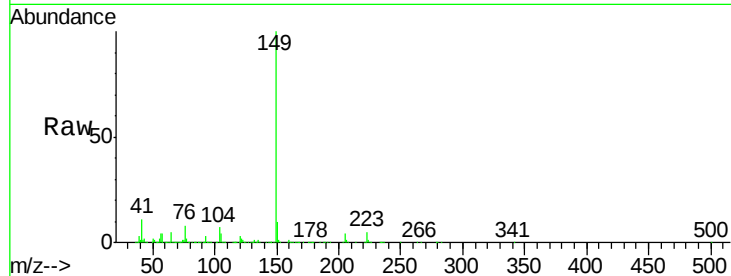




#73  
Di-n-butylphthalate  
Concen: 46.55 ng  
RT: 18.08 min Scan# 2619  
Delta R.T. -0.01 min  
Lab File: BG017205.D  
Acq: 19 May 2015 19:15

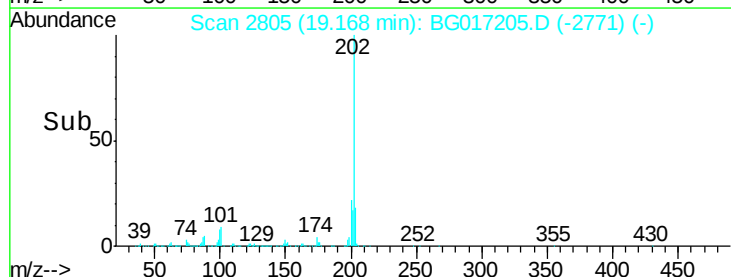
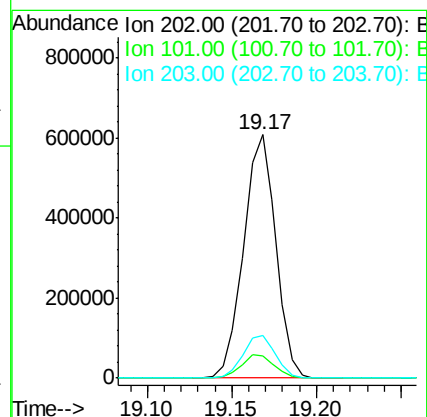
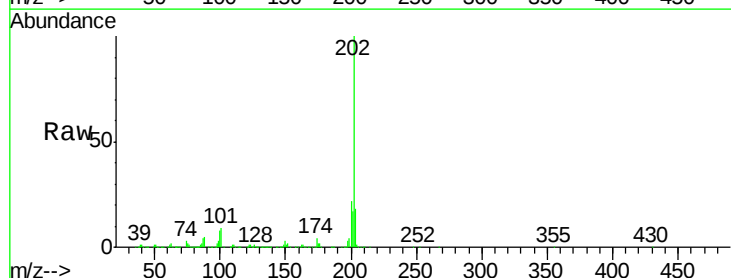
Instrument :  
BNA\_G  
ClientSampleId :  
MW-11(16-18)MSD

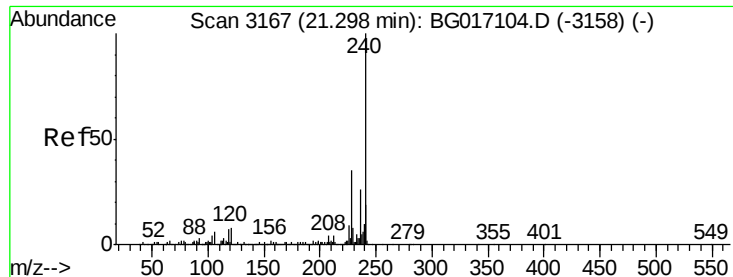
Tgt Ion:149 Resp: 832349  
Ion Ratio Lower Upper  
149 100  
150 9.8 8.2 12.4  
104 7.2 5.7 8.5



#74  
Fluoranthene  
Concen: 46.62 ng  
RT: 19.17 min Scan# 2805  
Delta R.T. -0.00 min  
Lab File: BG017205.D  
Acq: 19 May 2015 19:15

Tgt Ion:202 Resp: 803423  
Ion Ratio Lower Upper  
202 100  
101 9.2 0.0 28.3  
203 17.6 0.0 37.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.29 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG017205.D

Acq: 19 May 2015 19:15

Instrument :

BNA\_G

ClientSampleId :

MW-11(16-18)MSD

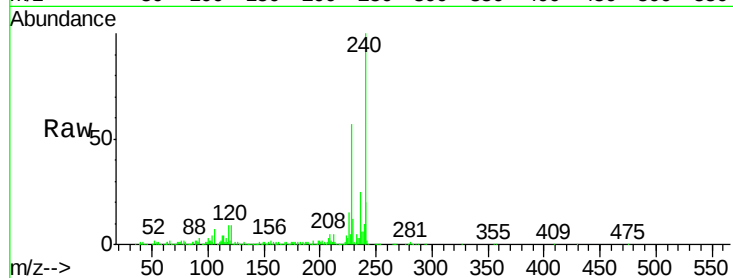
Tgt Ion:240 Resp: 301889

Ion Ratio Lower Upper

240 100

120 8.9 6.0 9.0

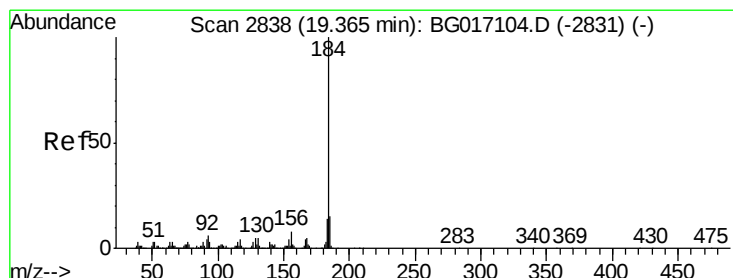
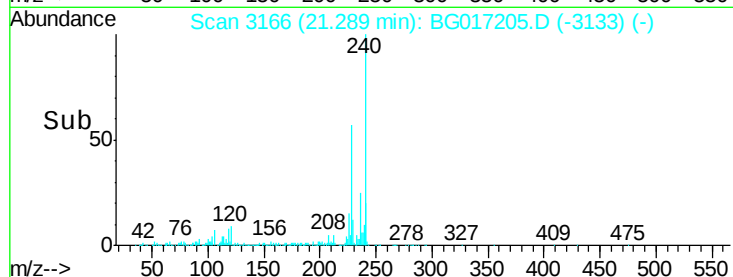
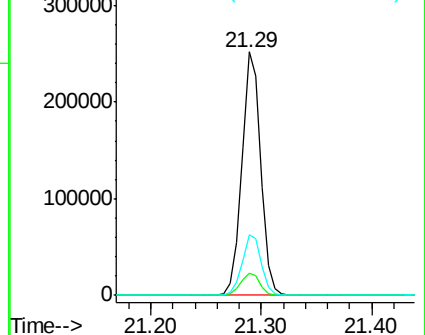
236 25.1 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 46.76 ng

RT: 19.36 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BG017205.D

Acq: 19 May 2015 19:15

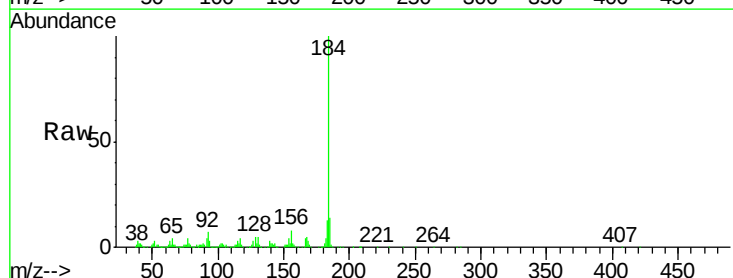
Tgt Ion:184 Resp: 460884

Ion Ratio Lower Upper

184 100

185 14.3 12.4 18.6

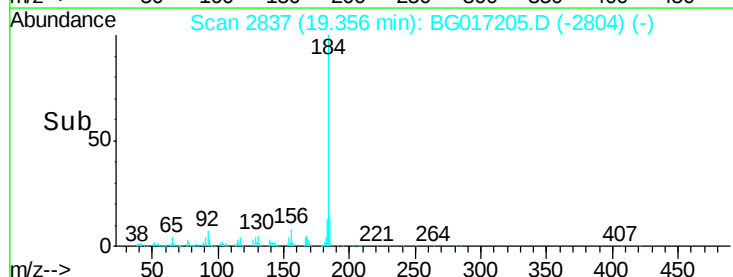
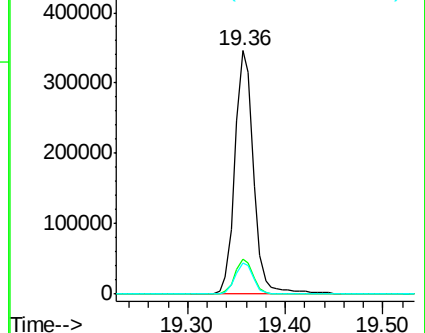
183 12.6 11.4 17.2

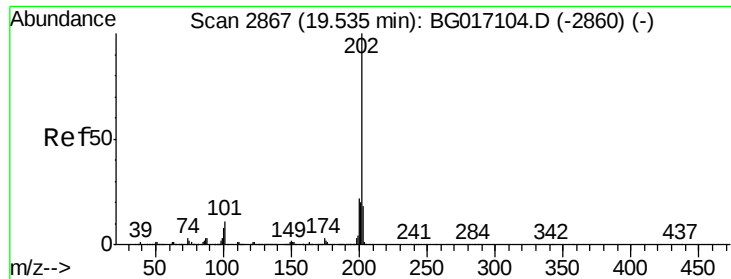


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

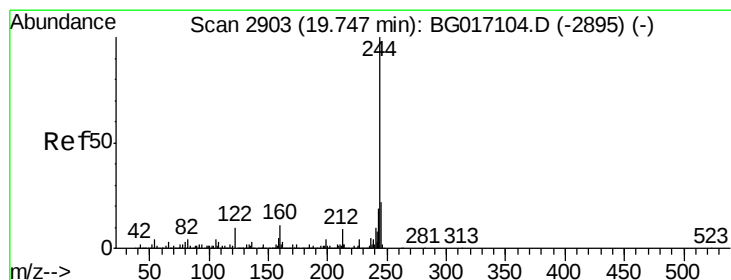
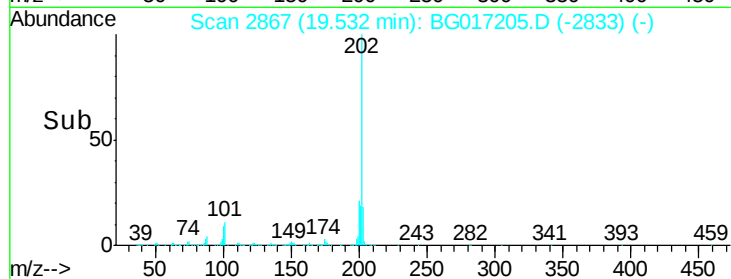
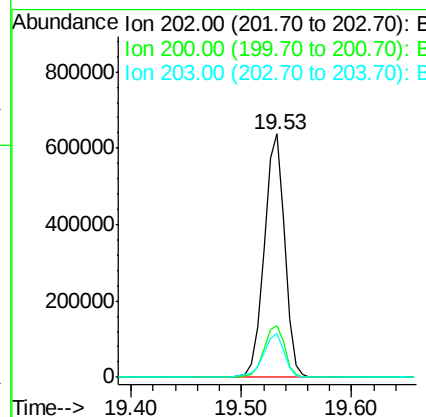
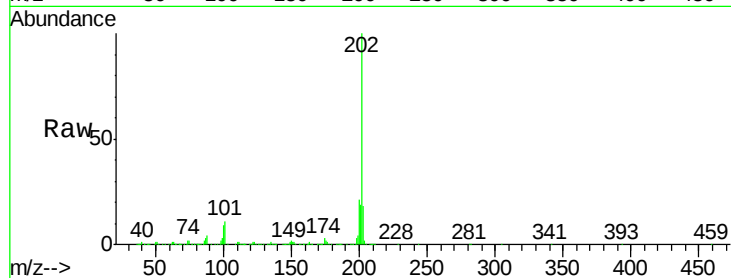




#77  
 Pyrene  
 Concen: 44.66 ng  
 RT: 19.53 min Scan# 2867  
 Delta R.T. -0.00 min  
 Lab File: BG017205.D  
 Acq: 19 May 2015 19:15

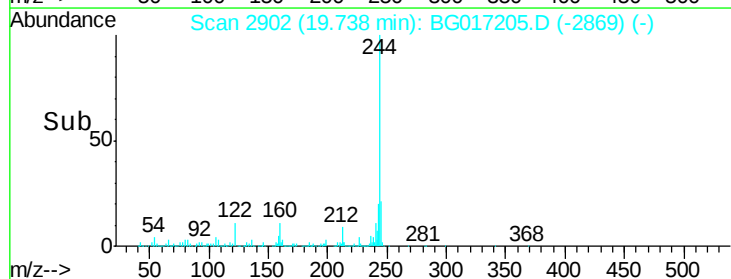
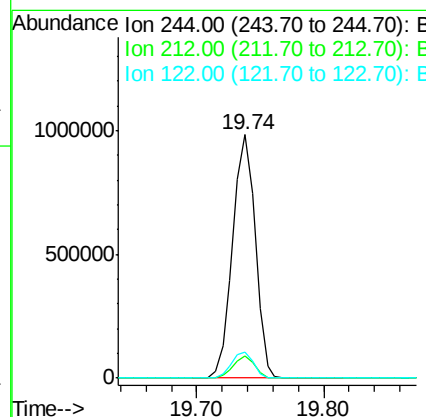
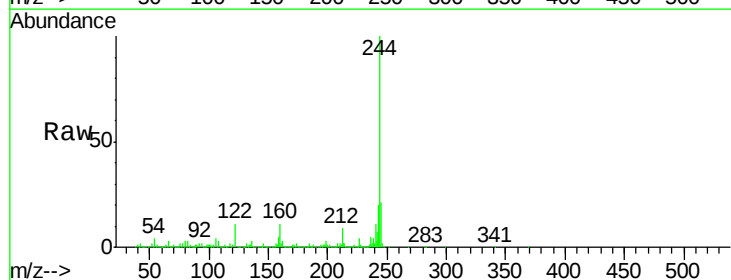
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-11(16-18)MSD

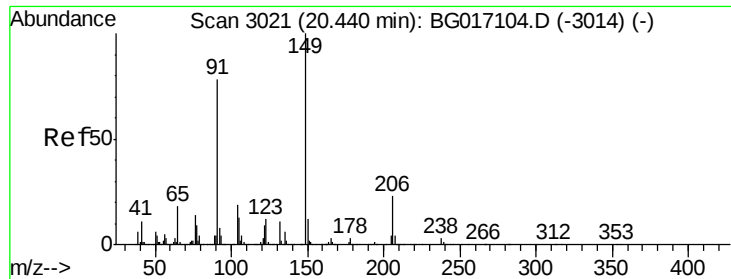
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.0  | 17.8  | 26.8  |
| 203     | 17.9  | 14.4  | 21.6  |



#78  
 Terphenyl-d14  
 Concen: 83.72 ng  
 RT: 19.74 min Scan# 2902  
 Delta R.T. -0.01 min  
 Lab File: BG017205.D  
 Acq: 19 May 2015 19:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 9.0   | 7.0   | 10.4  |
| 122     | 10.8  | 8.4   | 12.6  |





#79

Butylbenzylphthalate

Concen: 46.03 ng

RT: 20.43 min Scan# 3020

Delta R.T. -0.01 min

Lab File: BG017205.D

Acq: 19 May 2015 19:15

Instrument :

BNA\_G

ClientSampleId :

MW-11(16-18)MSD

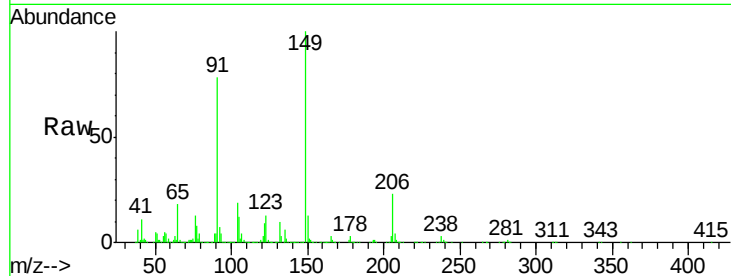
Tgt Ion:149 Resp: 387631

Ion Ratio Lower Upper

149 100

91 77.5 62.0 93.0

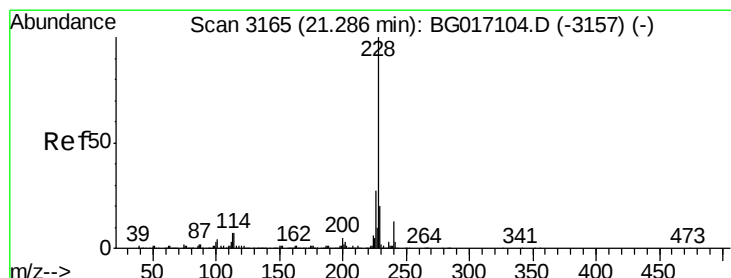
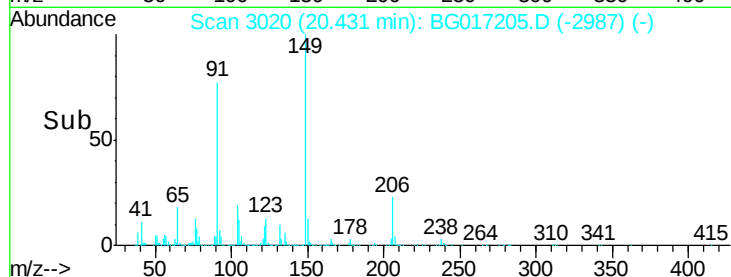
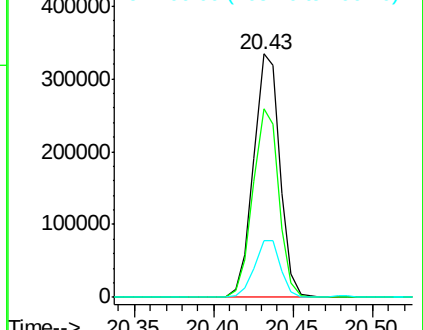
206 23.5 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 45.19 ng

RT: 21.28 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BG017205.D

Acq: 19 May 2015 19:15

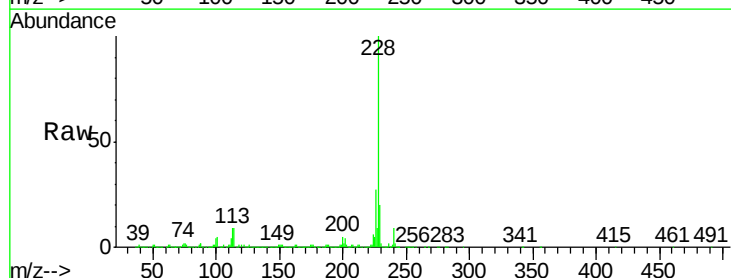
Tgt Ion:228 Resp: 781855

Ion Ratio Lower Upper

228 100

226 27.4 21.7 32.5

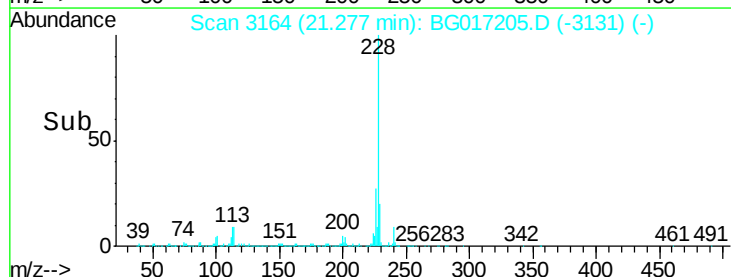
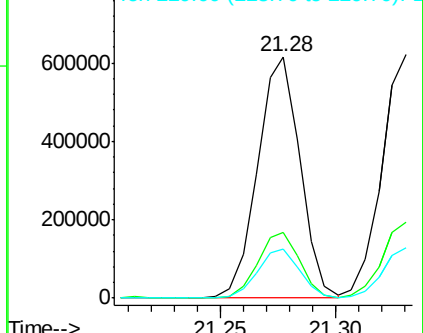
229 20.5 16.1 24.1

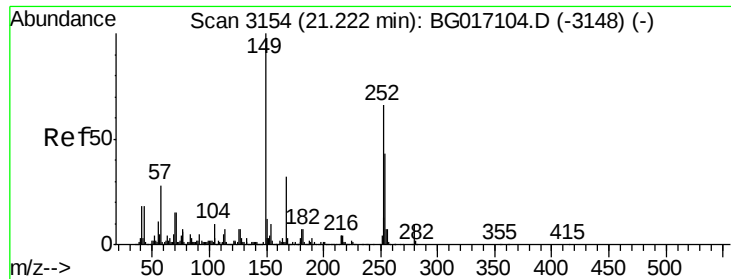


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

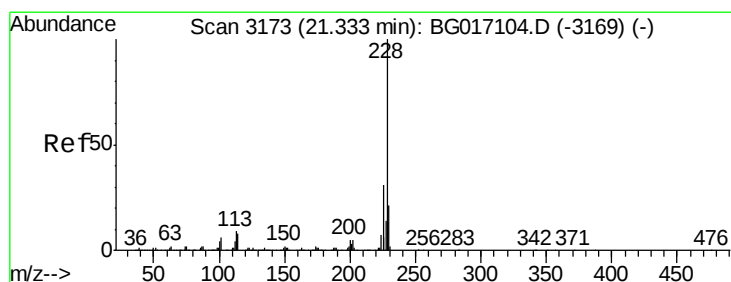
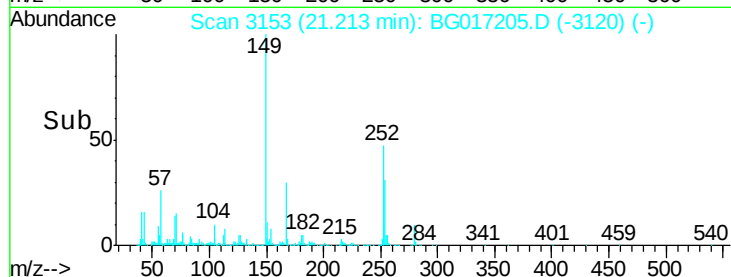
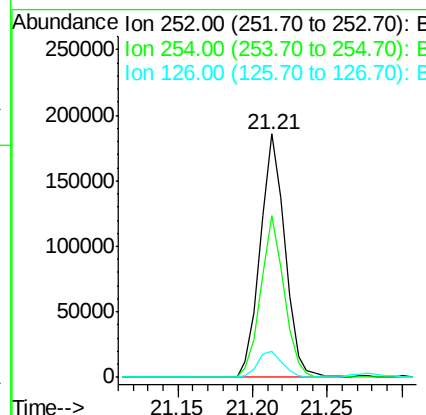
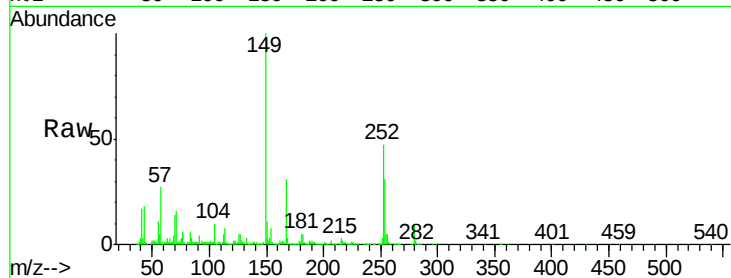




#81  
 3,3'-Dichlorobenzidine  
 Concen: 31.51 ng  
 RT: 21.21 min Scan# 3153  
 Delta R.T. -0.01 min  
 Lab File: BG017205.D  
 Acq: 19 May 2015 19:15

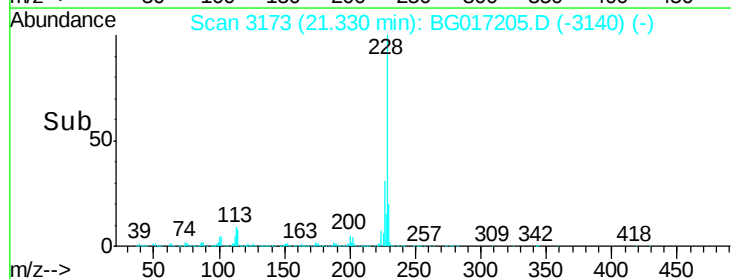
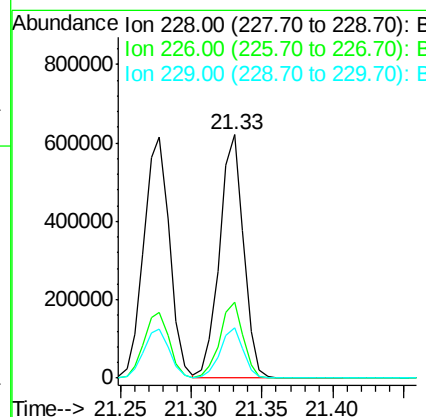
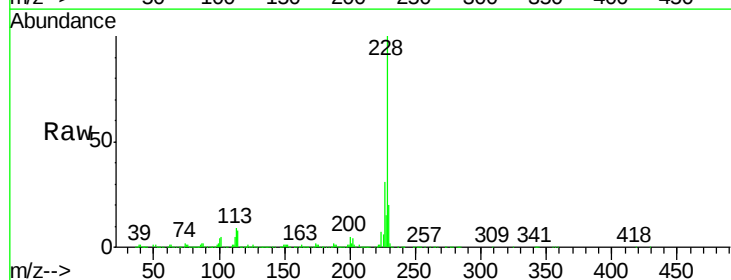
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-11(16-18)MSD

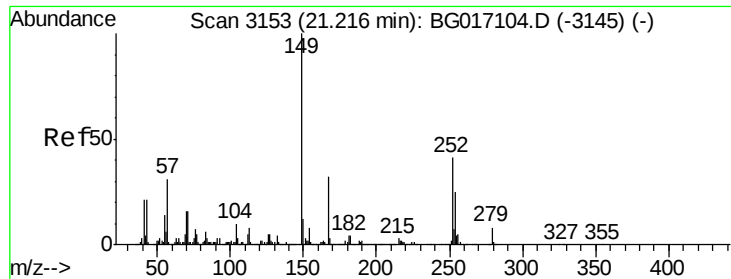
Tgt Ion: 252 Resp: 210947  
 Ion Ratio Lower Upper  
 252 100  
 254 66.4 52.1 78.1  
 126 10.9 8.8 13.2



#82  
 Chrysene  
 Concen: 45.38 ng  
 RT: 21.33 min Scan# 3173  
 Delta R.T. -0.01 min  
 Lab File: BG017205.D  
 Acq: 19 May 2015 19:15

Tgt Ion: 228 Resp: 731193  
 Ion Ratio Lower Upper  
 228 100  
 226 31.3 24.8 37.2  
 229 20.4 17.0 25.6

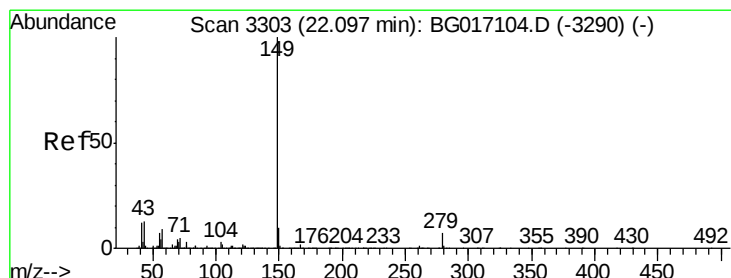
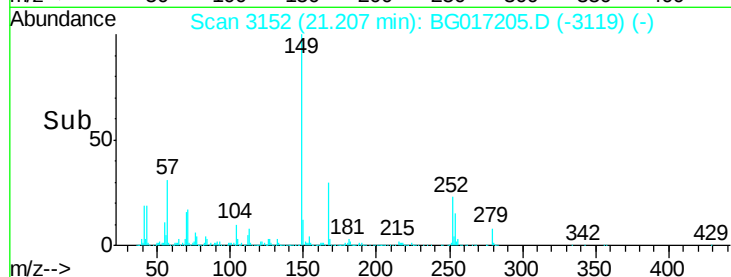
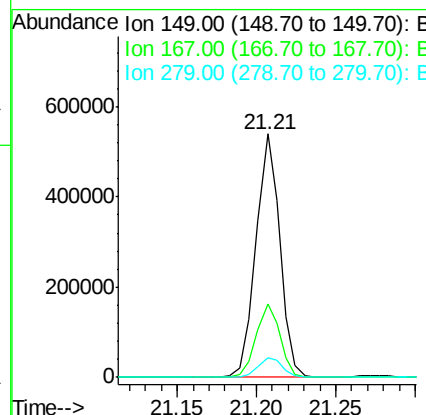
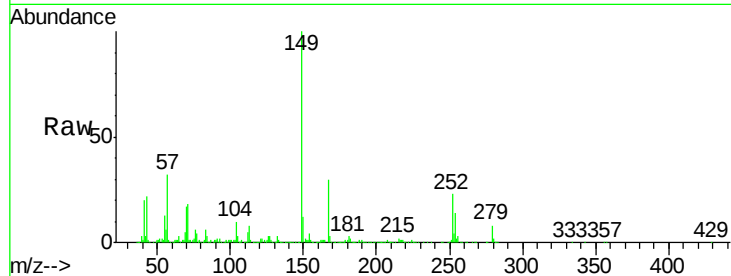




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 47.16 ng  
 RT: 21.21 min Scan# 3152  
 Delta R.T. -0.01 min  
 Lab File: BG017205.D  
 Acq: 19 May 2015 19:15

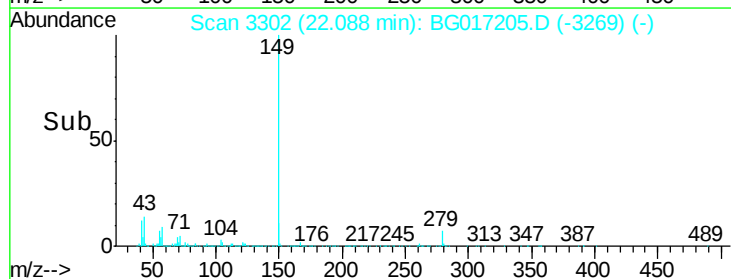
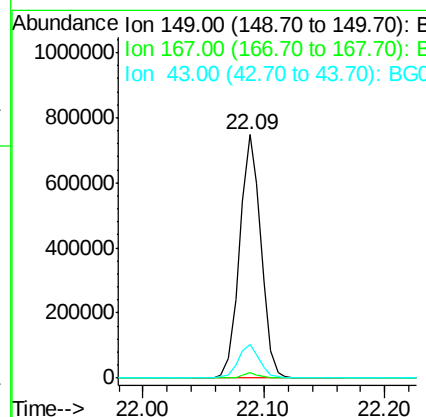
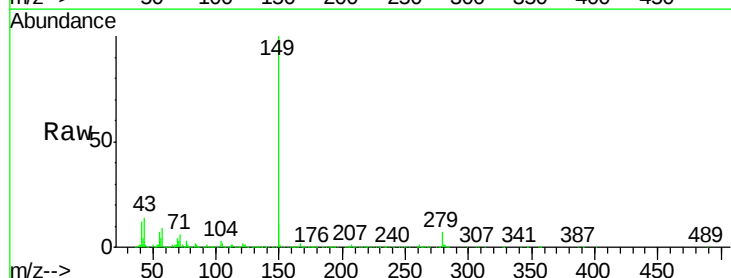
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-11(16-18)MSD

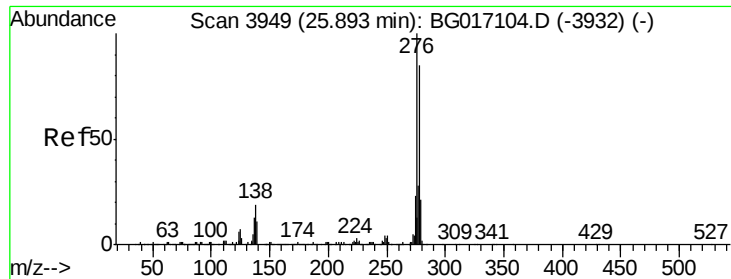
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 30.2  | 25.4  | 38.2  |
| 279     | 7.9   | 6.8   | 10.2  |



#84  
 Di-n-octyl phthalate  
 Concen: 46.26 ng  
 RT: 22.09 min Scan# 3302  
 Delta R.T. -0.01 min  
 Lab File: BG017205.D  
 Acq: 19 May 2015 19:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.8   | 1.4   | 2.0   |
| 43      | 13.3  | 10.9  | 16.3  |





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.79 ng

RT: 25.87 min Scan# 3946

Delta R.T. -0.03 min

Lab File: BG017205.D

Acq: 19 May 2015 19:15

Instrument :

BNA\_G

ClientSampleId :

MW-11(16-18)MSD

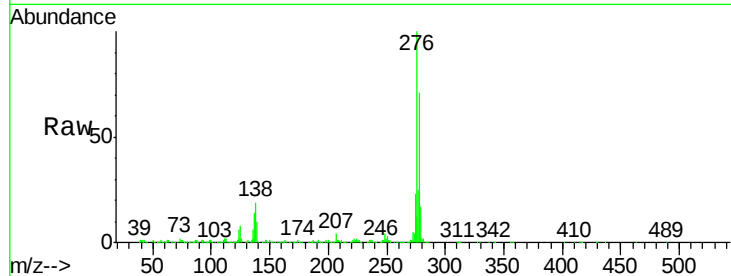
Tgt Ion:276 Resp: 882981

Ion Ratio Lower Upper

276 100

138 21.0 16.0 24.0

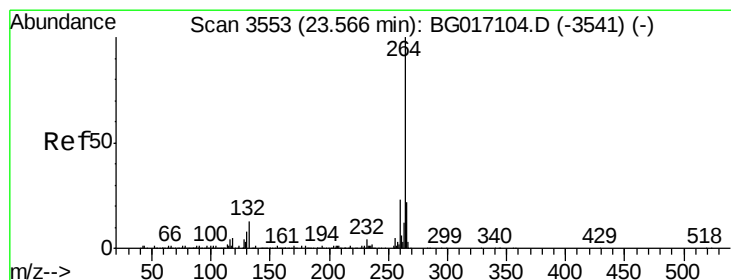
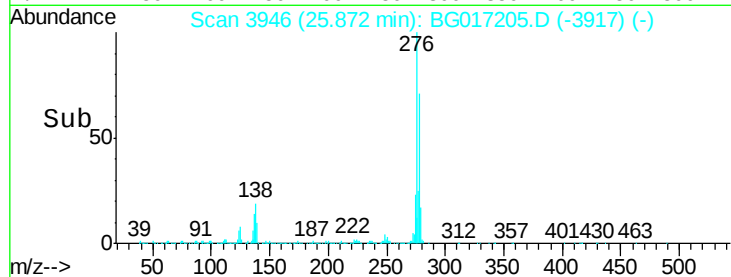
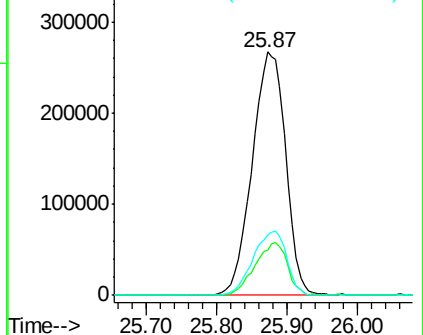
277 26.7 20.9 31.3



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.55 min Scan# 3551

Delta R.T. -0.02 min

Lab File: BG017205.D

Acq: 19 May 2015 19:15

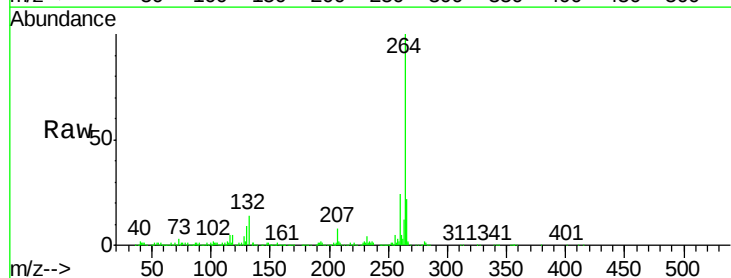
Tgt Ion:264 Resp: 293016

Ion Ratio Lower Upper

264 100

260 23.6 18.0 27.0

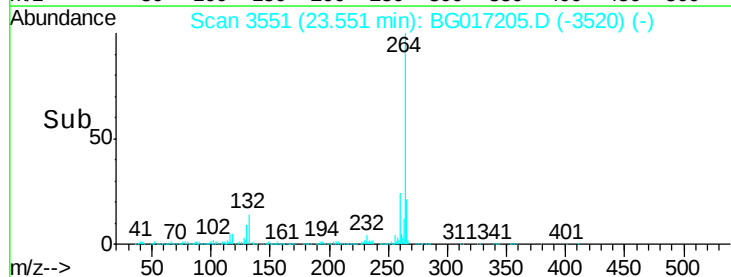
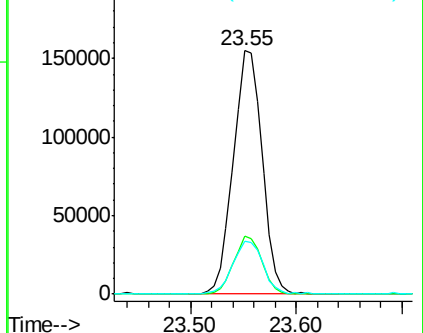
265 21.7 17.4 26.0

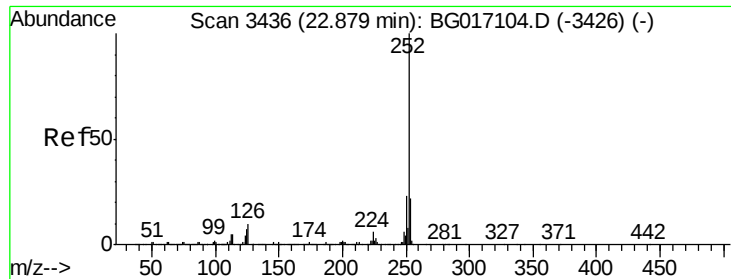


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 45.72 ng

RT: 22.88 min Scan# 3436

Delta R.T. -0.01 min

Lab File: BG017205.D

Acq: 19 May 2015 19:15

Instrument :

BNA\_G

ClientSampleId :

MW-11(16-18)MSD

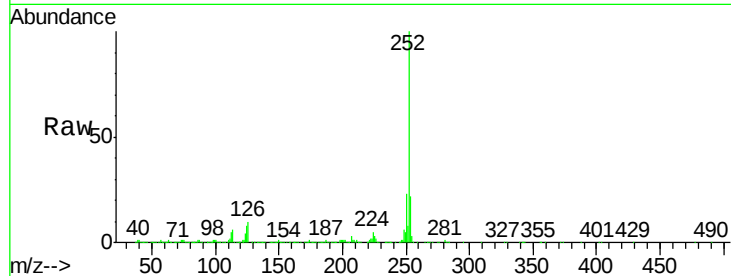
Tgt Ion:252 Resp: 780911

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

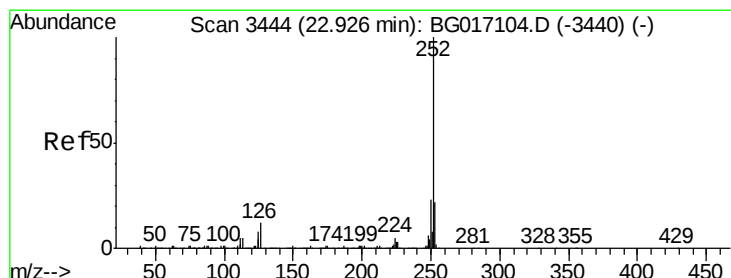
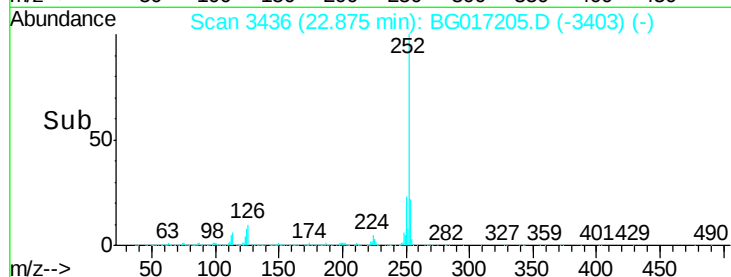
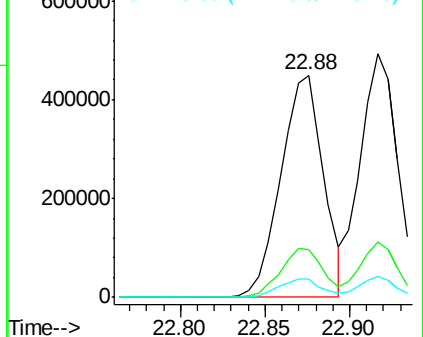
125 8.1 5.9 8.9



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(k)fluoranthene

Concen: 46.84 ng

RT: 22.92 min Scan# 3443

Delta R.T. -0.01 min

Lab File: BG017205.D

Acq: 19 May 2015 19:15

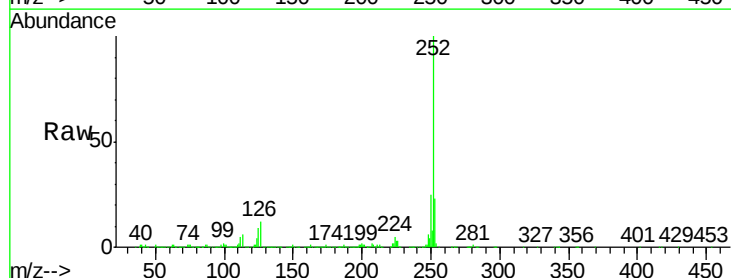
Tgt Ion:252 Resp: 759553

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

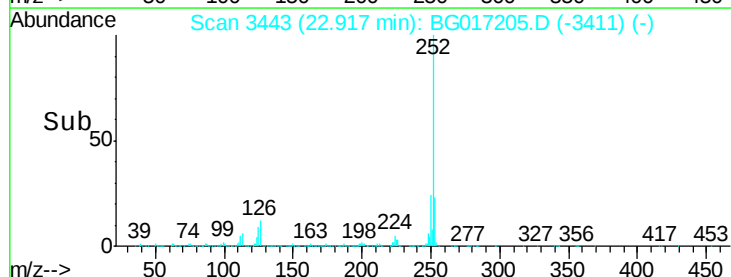
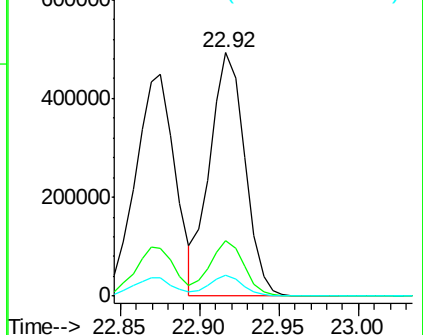
125 8.7 6.4 9.6

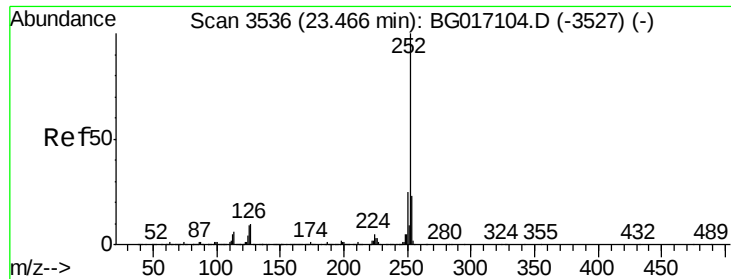


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 47.31 ng

RT: 23.46 min Scan# 3535

Delta R.T. -0.01 min

Lab File: BG017205.D

Acq: 19 May 2015 19:15

Instrument :

BNA\_G

ClientSampleId :

MW-11(16-18)MSD

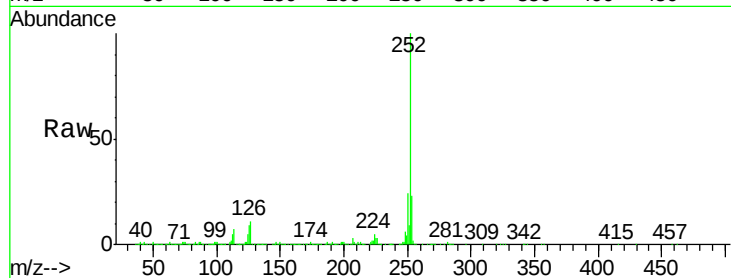
Tgt Ion:252 Resp: 742021

Ion Ratio Lower Upper

252 100

253 23.2 18.4 27.6

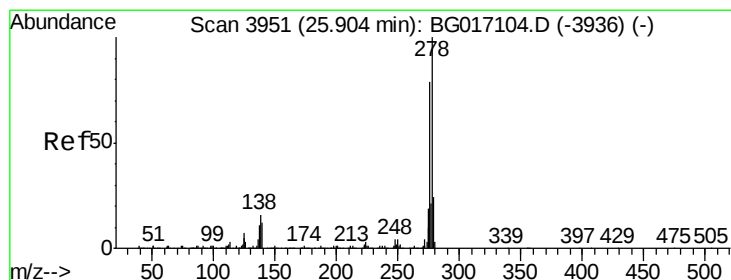
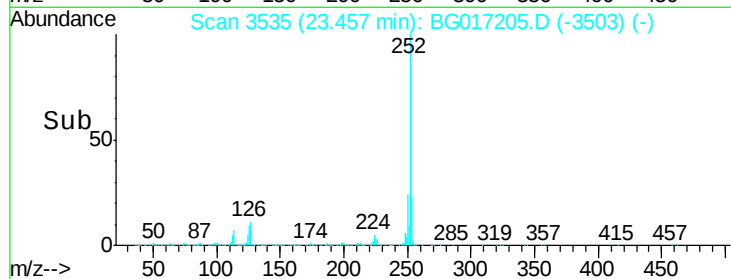
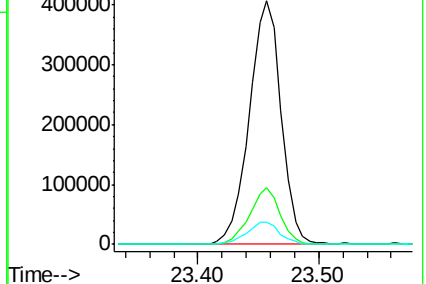
125 9.1 7.2 10.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 46.43 ng

RT: 25.89 min Scan# 3949

Delta R.T. -0.02 min

Lab File: BG017205.D

Acq: 19 May 2015 19:15

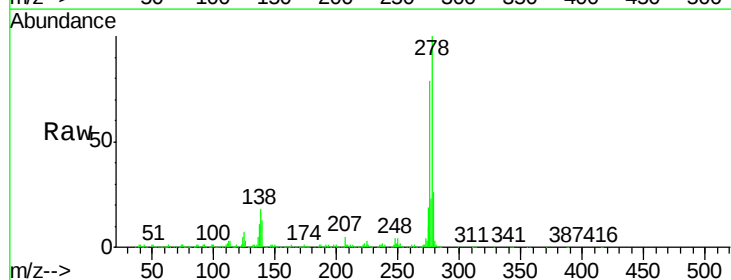
Tgt Ion:278 Resp: 747591

Ion Ratio Lower Upper

278 100

139 13.4 9.4 14.2

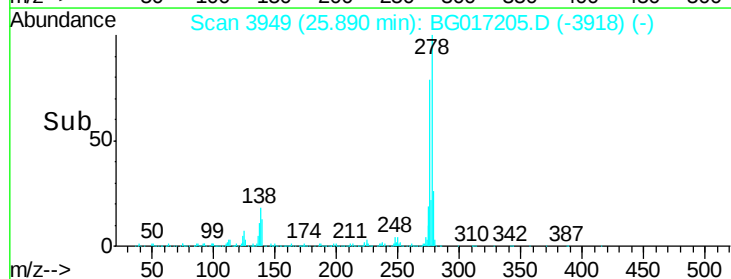
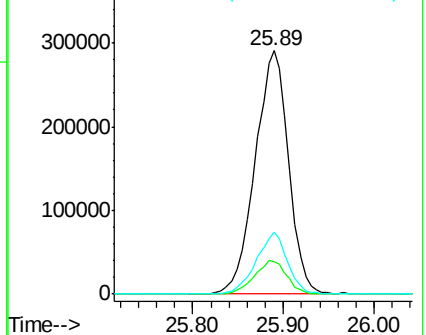
279 25.6 19.1 28.7

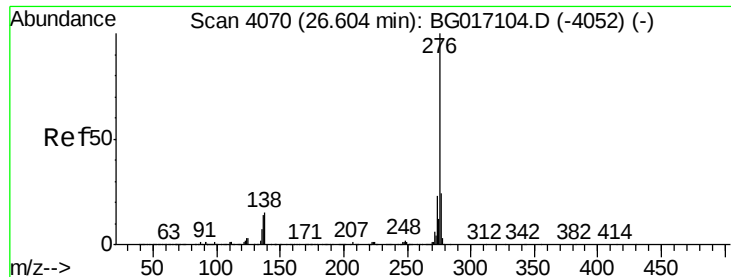


Abundance Ion 278.00 (277.70 to 278.70): E

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: 46.79 ng

RT: 26.58 min Scan# 4067

Delta R.T. -0.03 min

Lab File: BG017205.D

Acq: 19 May 2015 19:15

Instrument :

BNA\_G

ClientSampleId :

MW-11(16-18)MSD

Tgt Ion:276 Resp: 709139

Ion Ratio Lower Upper

276 100

277 23.5 18.9 28.3

138 17.9 11.8 17.8#

