

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG052815\  
 Data File : BG017324.D  
 Acq On : 28 May 2015 14:30  
 Operator : TP/IZ  
 Sample : G2387-09MS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-18-D13MS

Quant Time: May 29 01:11:30 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG051315.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 29 01:04:23 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.66  | 152  | 21549    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.45 | 136  | 90927    | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.31 | 164  | 61543    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.06 | 188  | 148421   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.25 | 240  | 177102   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 23.49 | 264  | 171485   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |        |    |      |
|--------------------------|-------|-----|--------|--------|----|------|
| 5) 2-Fluorophenol        | 5.25  | 112 | 192570 | 158.55 | ng | 0.00 |
| 7) Phenol-d6             | 6.86  | 99  | 263586 | 154.65 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.82  | 82  | 172206 | 88.42  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 15.81 | 330 | 124044 | 166.74 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 12.93 | 172 | 356470 | 84.99  | ng | 0.00 |
| 78) Terphenyl-d14        | 19.70 | 244 | 704448 | 82.89  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |       |    | Qvalue |
|--------------------------------|-------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.12  | 88  | 18372  | 38.34 | ng | 97     |
| 3) Pyridine                    | 3.51  | 79  | 54886  | 37.86 | ng | 94     |
| 4) n-Nitrosodimethylamine      | 3.43  | 42  | 42614  | 38.73 | ng | 94     |
| 6) Aniline                     | 6.99  | 93  | 82339  | 34.92 | ng | 95     |
| 8) 2-Chlorophenol              | 7.23  | 128 | 70932  | 48.82 | ng | 97     |
| 9) Benzaldehyde                | 6.79  | 77  | 8990   | 8.01  | ng | 93     |
| 10) Phenol                     | 6.89  | 94  | 93542  | 51.75 | ng | 96     |
| 11) bis(2-Chloroethyl)ether    | 7.09  | 93  | 65912  | 48.63 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 7.54  | 146 | 67156  | 41.38 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 7.69  | 146 | 69676  | 42.54 | ng | 95     |
| 14) 1,2-Dichlorobenzene        | 8.00  | 146 | 68307  | 43.66 | ng | 96     |
| 15) Benzyl Alcohol             | 7.90  | 79  | 74552  | 45.02 | ng | 94     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.20  | 45  | 104935 | 47.75 | ng | 99     |
| 17) 2-Methylphenol             | 8.13  | 107 | 64677  | 49.35 | ng | 91     |
| 18) Hexachloroethane           | 8.73  | 117 | 29698  | 43.41 | ng | 87     |
| 19) n-Nitroso-di-n-propylamine | 8.47  | 70  | 62429  | 42.04 | ng | 95     |
| 20) 3+4-Methylphenols          | 8.46  | 107 | 88101  | 48.37 | ng | 95     |
| 22) Acetophenone               | 8.48  | 105 | 108368 | 49.11 | ng | # 95   |
| 24) Nitrobenzene               | 8.86  | 77  | 89985  | 47.22 | ng | 95     |
| 25) Isophorone                 | 9.38  | 82  | 167085 | 46.55 | ng | 98     |
| 26) 2-Nitrophenol              | 9.57  | 139 | 40134  | 47.12 | ng | # 88   |
| 27) 2,4-Dimethylphenol         | 9.65  | 122 | 71296  | 50.85 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 9.87  | 93  | 84182  | 48.17 | ng | 96     |
| 29) 2,4-Dichlorophenol         | 10.11 | 162 | 71433  | 54.01 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 10.31 | 180 | 68350  | 45.55 | ng | 94     |
| 31) Naphthalene                | 10.50 | 128 | 203675 | 45.78 | ng | # 97   |
| 32) Benzoic acid               | 9.77  | 122 | 12165  | 12.80 | ng | # 81   |
| 33) 4-Chloroaniline            | 10.62 | 127 | 63577  | 30.21 | ng | 96     |
| 34) Hexachlorobutadiene        | 10.78 | 225 | 40806  | 42.95 | ng | 97     |
| 35) Caprolactam                | 11.39 | 113 | 15639  | 23.52 | ng | 96     |
| 36) 4-Chloro-3-methylphenol    | 11.78 | 107 | 91647  | 54.84 | ng | 98     |
| 37) 2-Methylnaphthalene        | 12.12 | 142 | 154882 | 43.89 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.49 | 216 | 76274  | 43.80 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 12.47 | 237 | 87078  | 81.99 | ng | 95     |

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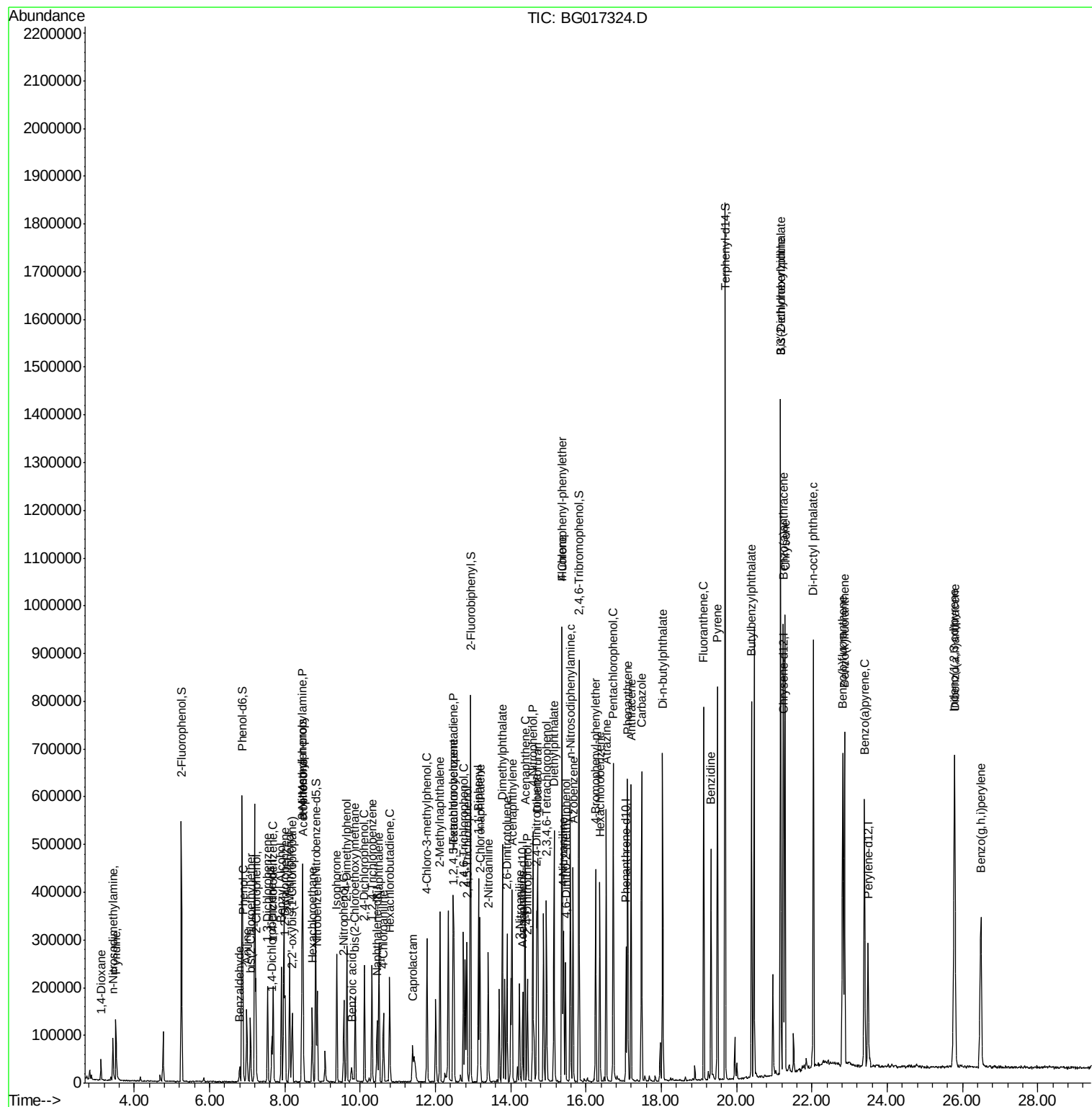
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 12.75 | 196  | 62169    | 50.33  | ng    | 98       |
| 43) 2,4,5-Trichlorophenol      | 12.83 | 196  | 66166    | 51.99  | ng    | 97       |
| 45) 1,1'-Biphenyl              | 13.15 | 154  | 196602   | 44.35  | ng    | 99       |
| 46) 2-Chloronaphthalene        | 13.19 | 162  | 157583   | 44.90  | ng    | 98       |
| 47) 2-Nitroaniline             | 13.40 | 65   | 69439    | 50.85  | ng    | 91       |
| 48) Acenaphthylene             | 14.04 | 152  | 270044   | 44.92  | ng    | 99       |
| 49) Dimethylphthalate          | 13.78 | 163  | 268143   | 55.72  | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 13.90 | 165  | 52726    | 49.44  | ng    | 96       |
| 51) Acenaphthene               | 14.38 | 154  | 157471   | 44.35  | ng    | 97       |
| 52) 3-Nitroaniline             | 14.23 | 138  | 43431    | 36.71  | ng    | 99       |
| 53) 2,4-Dinitrophenol          | 14.44 | 184  | 43106    | 69.62  | ng    | 97       |
| 54) Dibenzofuran               | 14.71 | 168  | 245507   | 46.51  | ng    | 98       |
| 55) 4-Nitrophenol              | 14.59 | 139  | 102829   | 107.94 | ng    | 95       |
| 56) 2,4-Dinitrotoluene         | 14.69 | 165  | 77960    | 52.41  | ng    | 94       |
| 57) Fluorene                   | 15.37 | 166  | 213751   | 45.75  | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 14.95 | 232  | 63001    | 53.94  | ng    | 95       |
| 59) Diethylphthalate           | 15.15 | 149  | 247655   | 47.91  | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.36 | 204  | 107683   | 44.87  | ng    | 98       |
| 61) 4-Nitroaniline             | 15.41 | 138  | 70384    | 53.32  | ng    | 91       |
| 62) Azobenzene                 | 15.65 | 77   | 234914   | 47.57  | ng    | 96       |
| 64) 4,6-Dinitro-2-methylphenol | 15.45 | 198  | 43284    | 42.55  | ng    | 96       |
| 65) n-Nitrosodiphenylamine     | 15.58 | 169  | 197168   | 43.27  | ng    | 97       |
| 66) 4-Bromophenyl-phenylether  | 16.26 | 248  | 68592    | 42.37  | ng    | 91       |
| 67) Hexachlorobenzene          | 16.37 | 284  | 73119    | 42.81  | ng    | 96       |
| 68) Atrazine                   | 16.54 | 200  | 90509    | 54.30  | ng    | 96       |
| 69) Pentachlorophenol          | 16.72 | 266  | 103127   | 96.71  | ng    | 94       |
| 70) Phenanthrene               | 17.11 | 178  | 338081   | 44.17  | ng    | 99       |
| 71) Anthracene                 | 17.20 | 178  | 347076   | 44.75  | ng    | 98       |
| 72) Carbazole                  | 17.48 | 167  | 357927   | 50.22  | ng    | 98       |
| 73) Di-n-butylphthalate        | 18.03 | 149  | 443744   | 46.53  | ng    | 99       |
| 74) Fluoranthene               | 19.13 | 202  | 427559   | 46.52  | ng    | 98       |
| 76) Benzidine                  | 19.32 | 184  | 233496   | 40.38  | ng    | 97       |
| 77) Pyrene                     | 19.49 | 202  | 438395   | 40.35  | ng    | 98       |
| 79) Butylbenzylphthalate       | 20.40 | 149  | 203780   | 41.25  | ng    | 95       |
| 80) Benzo(a)anthracene         | 21.24 | 228  | 428554   | 42.23  | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.18 | 252  | 127111   | 32.36  | ng    | 99       |
| 82) Chrysene                   | 21.29 | 228  | 394426   | 41.72  | ng    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 21.17 | 149  | 310787   | 44.26  | ng    | 97       |
| 84) Di-n-octyl phthalate       | 22.04 | 149  | 513296   | 43.91  | ng    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 25.78 | 276  | 475359   | 42.02  | ng    | 99       |
| 87) Benzo(b)fluoranthene       | 22.82 | 252  | 431257   | 43.14  | ng    | 99       |
| 88) Benzo(k)fluoranthene       | 22.86 | 252  | 412862   | 43.50  | ng    | 99       |
| 89) Benzo(a)pyrene             | 23.40 | 252  | 401992   | 43.79  | ng    | 98       |
| 90) Dibenzo(a,h)anthracene     | 25.80 | 278  | 404494   | 42.92  | ng    | 98       |
| 91) Benzo(g,h,i)perylene       | 26.49 | 276  | 378785   | 42.70  | ng    | 97       |

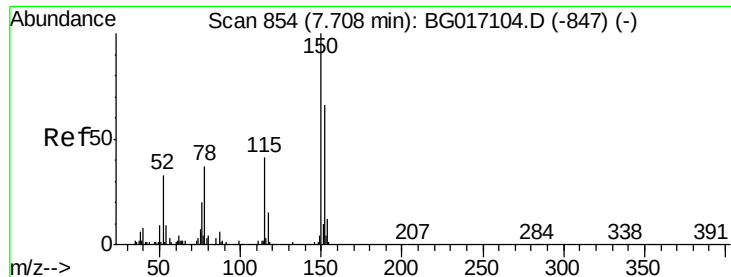
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.66 min Scan# 846

Delta R.T. 0.00 min

Lab File: BG017324.D

Acq: 28 May 2015 14:30

Instrument :

BNA\_G

ClientSampleId :

TP-18-D13MS

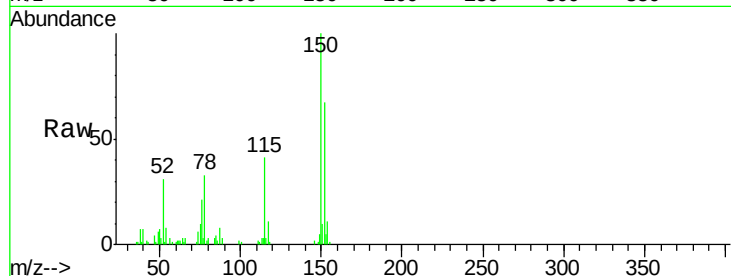
Tgt Ion:152 Resp: 21549

Ion Ratio Lower Upper

152 100

150 148.2 120.8 181.2

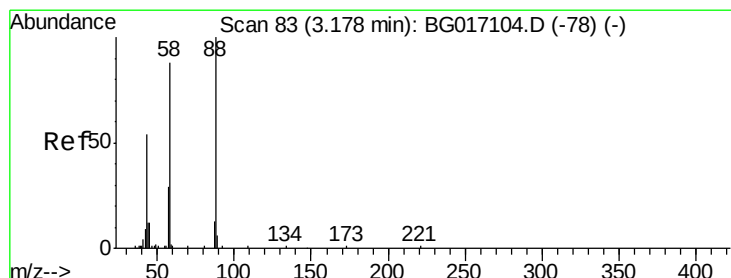
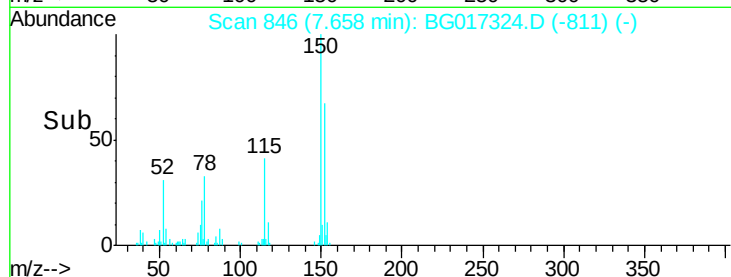
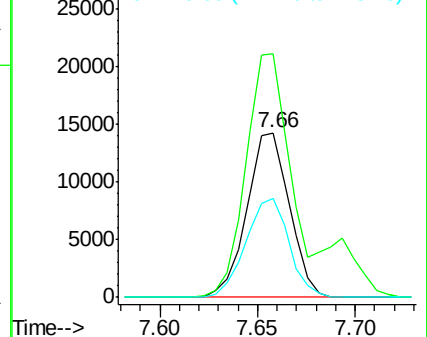
115 60.5 49.4 74.2



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: 38.34 ng

RT: 3.12 min Scan# 73

Delta R.T. -0.00 min

Lab File: BG017324.D

Acq: 28 May 2015 14:30

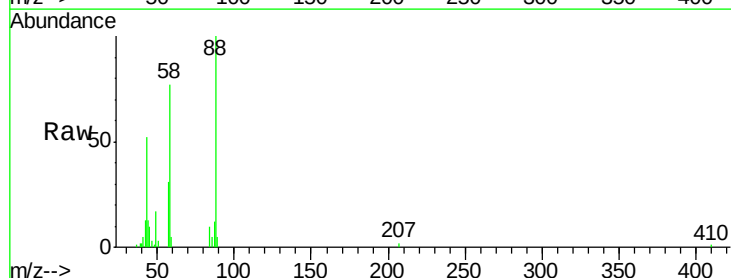
Tgt Ion: 88 Resp: 18372

Ion Ratio Lower Upper

88 100

58 87.0 68.6 103.0

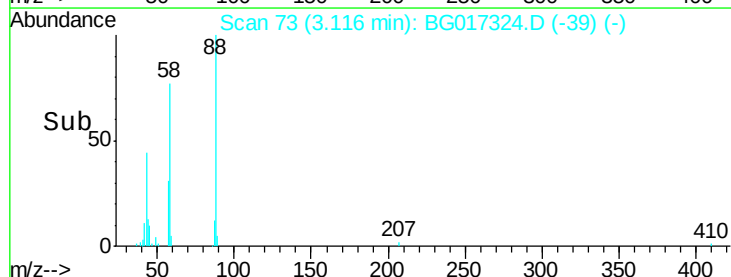
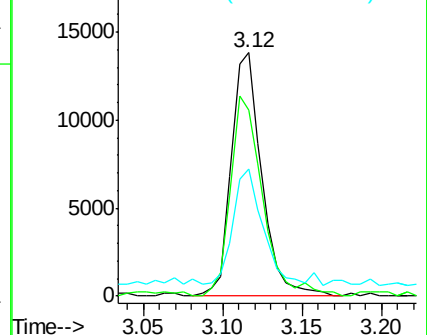
43 46.2 40.3 60.5

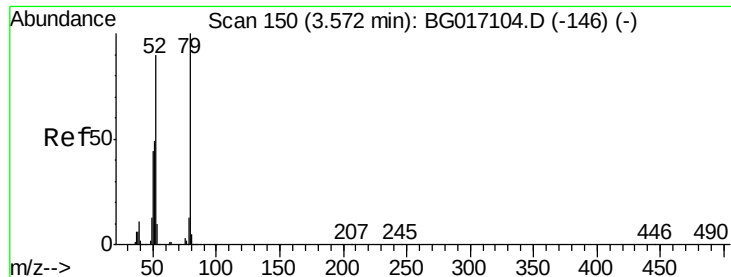


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

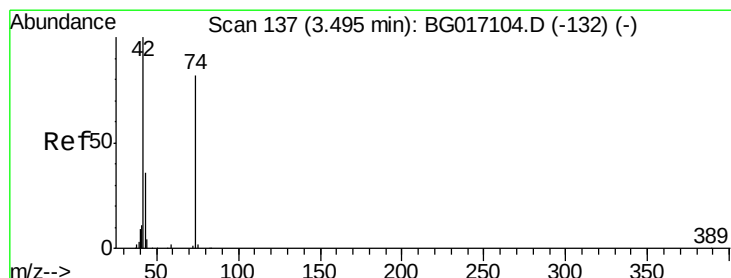
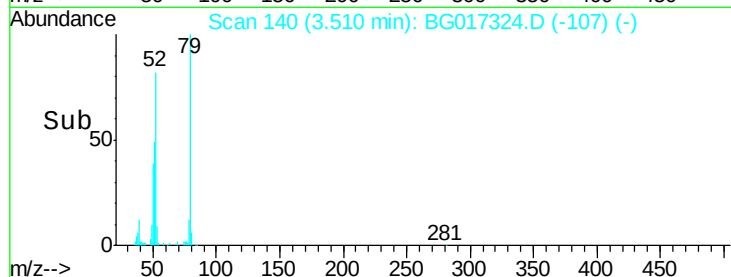
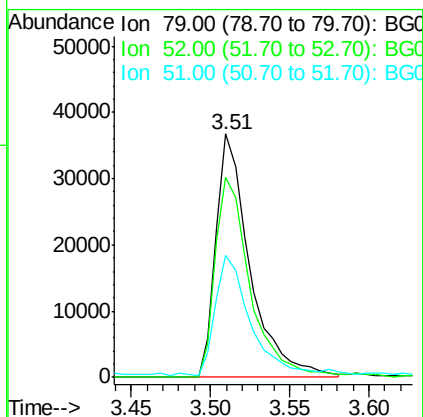
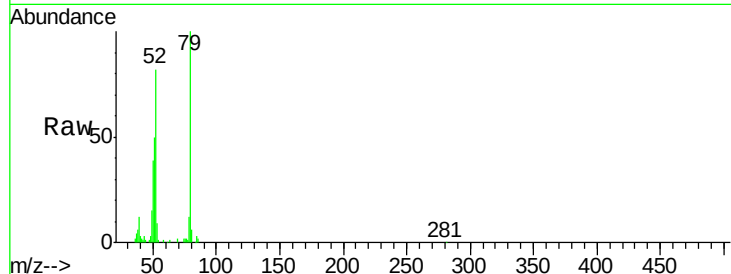




#3  
 Pyridine  
 Concen: 37.86 ng  
 RT: 3.51 min Scan# 140  
 Delta R.T. -0.01 min  
 Lab File: BG017324.D  
 Acq: 28 May 2015 14:30

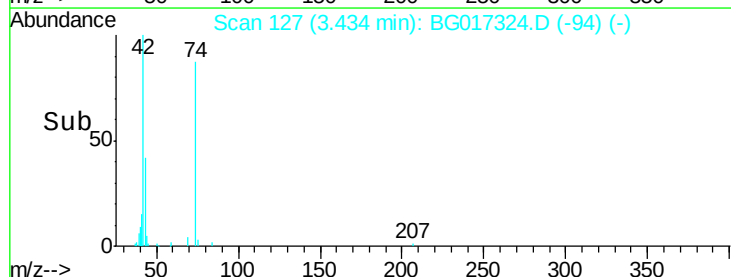
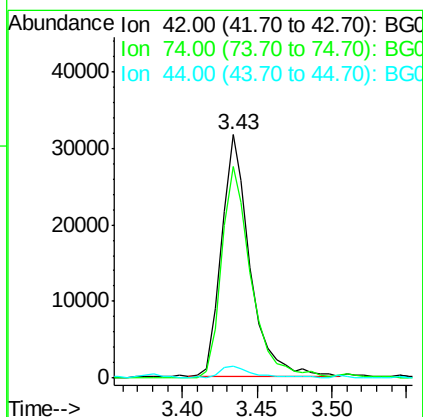
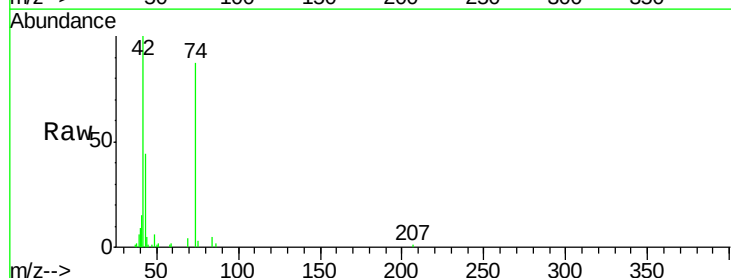
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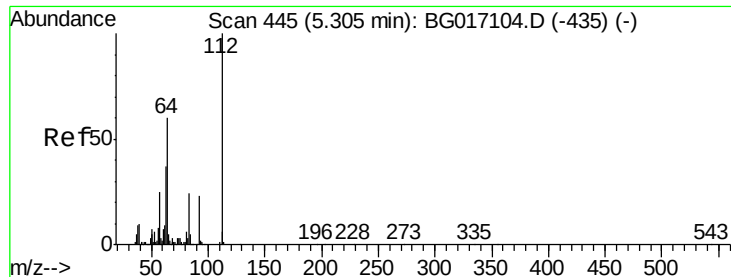
Tgt Ion: 79 Resp: 54886  
 Ion Ratio Lower Upper  
 79 100  
 52 82.0 72.2 108.2  
 51 49.9 40.6 60.8



#4  
 n-Nitrosodimethylamine  
 Concen: 38.73 ng  
 RT: 3.43 min Scan# 127  
 Delta R.T. -0.01 min  
 Lab File: BG017324.D  
 Acq: 28 May 2015 14:30

Tgt Ion: 42 Resp: 42614  
 Ion Ratio Lower Upper  
 42 100  
 74 87.1 65.2 97.8  
 44 4.7 3.2 4.8





#5

2-Fluorophenol

Concen: 158.55 ng

RT: 5.25 min Scan# 437

Delta R.T. 0.00 min

Lab File: BG017324.D

Acq: 28 May 2015 14:30

Instrument :

BNA\_G

ClientSampleId :

TP-18-D13MS

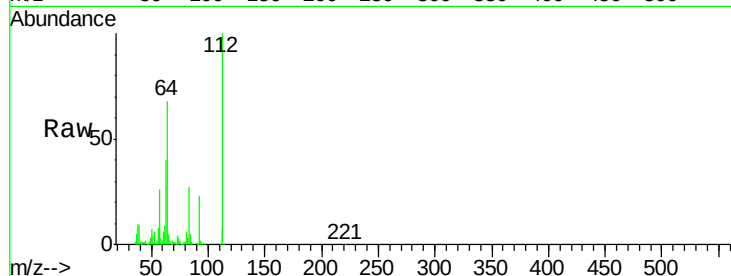
Tgt Ion: 112 Resp: 192570

Ion Ratio Lower Upper

112 100

64 68.2 48.1 72.1

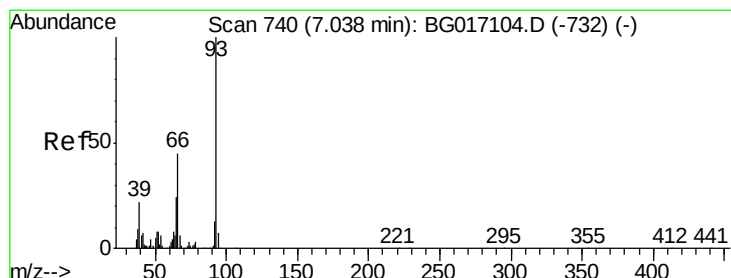
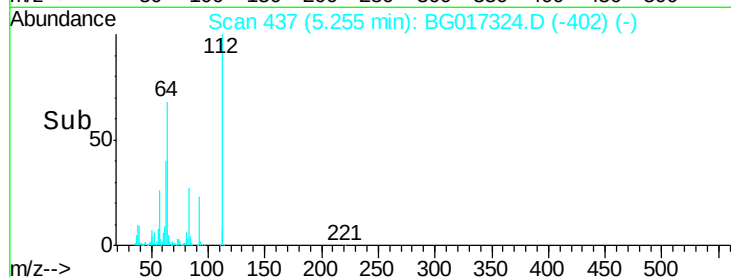
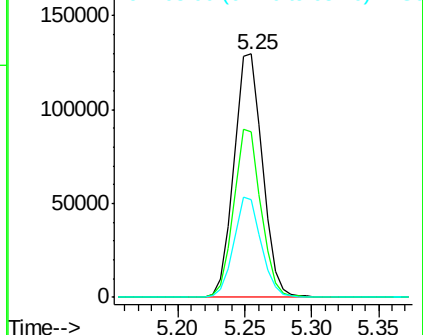
63 40.3 29.8 44.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 34.92 ng

RT: 6.99 min Scan# 732

Delta R.T. -0.00 min

Lab File: BG017324.D

Acq: 28 May 2015 14:30

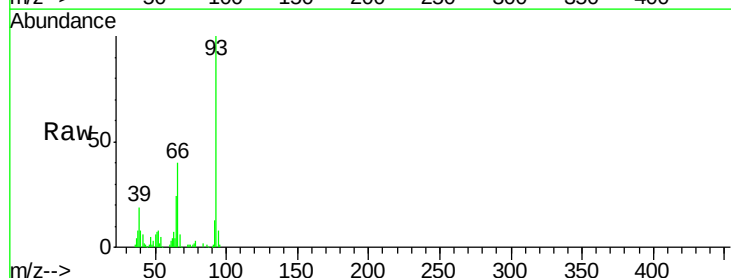
Tgt Ion: 93 Resp: 82339

Ion Ratio Lower Upper

93 100

66 39.8 35.8 53.8

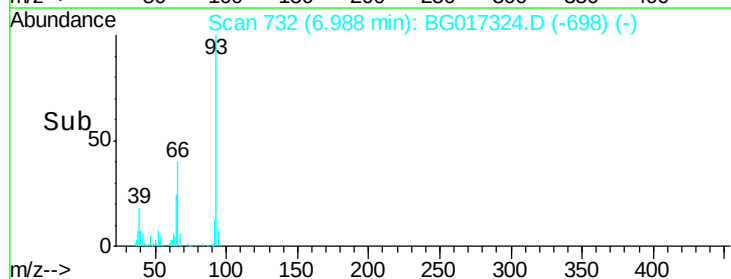
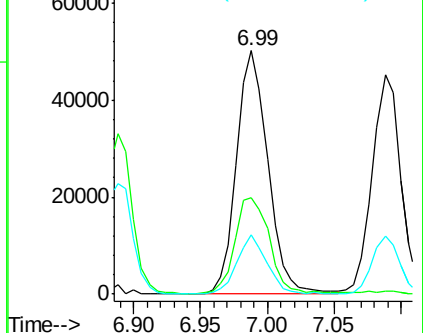
65 24.1 19.2 28.8

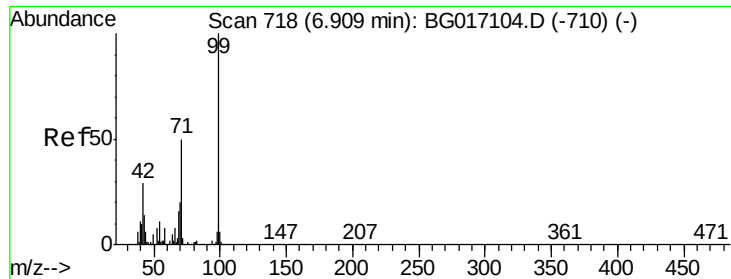


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 154.65 ng

RT: 6.86 min Scan# 711

Delta R.T. 0.00 min

Lab File: BG017324.D

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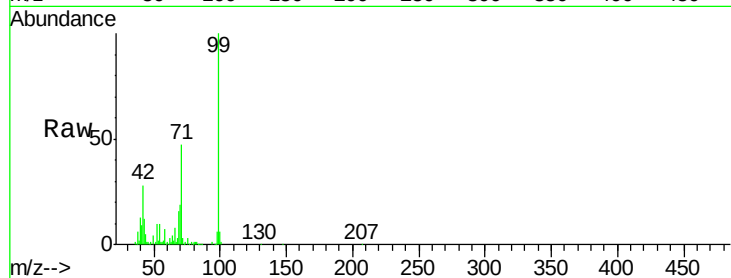
Tgt Ion: 99 Resp: 263586

Ion Ratio Lower Upper

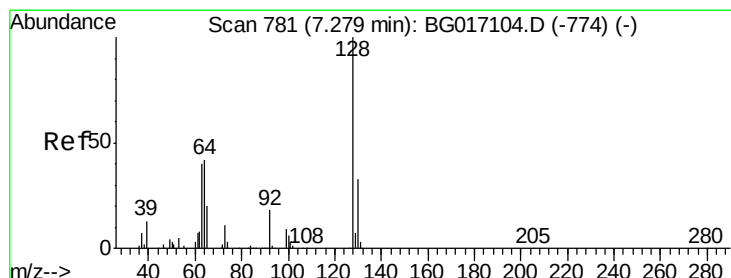
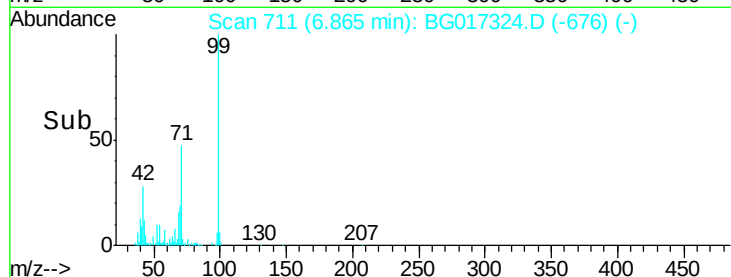
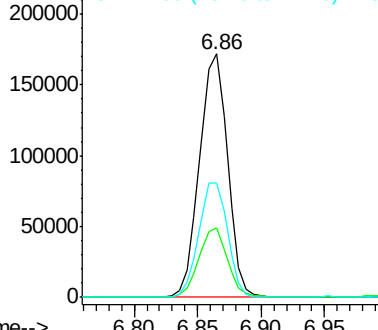
99 100

42 28.5 23.5 35.3

71 46.9 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: 48.82 ng

RT: 7.23 min Scan# 773

Delta R.T. -0.00 min

Lab File: BG017324.D

Acq: 28 May 2015 14:30

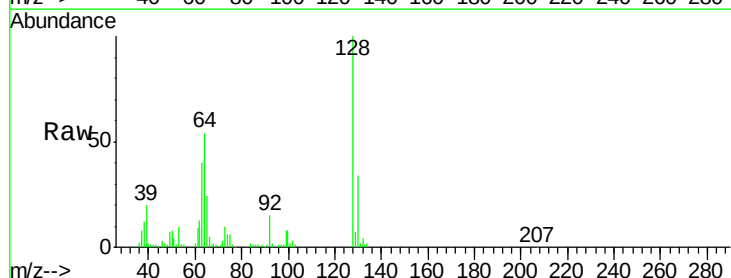
Tgt Ion: 128 Resp: 70932

Ion Ratio Lower Upper

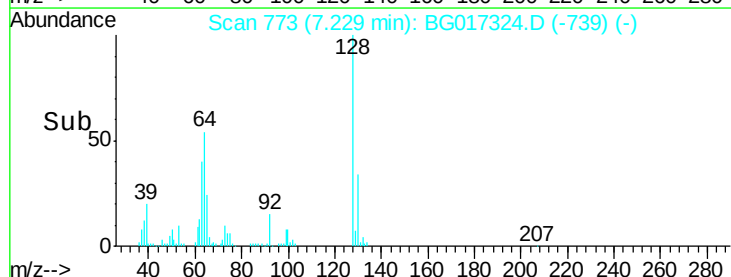
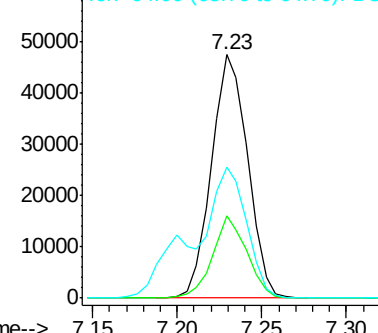
128 100

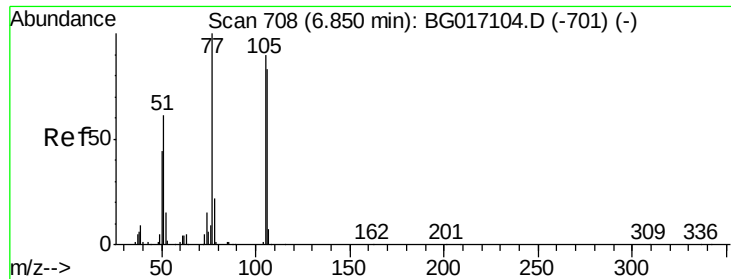
130 33.9 13.3 53.3

64 53.9 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: 8.01 ng

RT: 6.79 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG017324.D

Acq: 28 May 2015 14:30

Instrument :

BNA\_G

ClientSampleId :

TP-18-D13MS

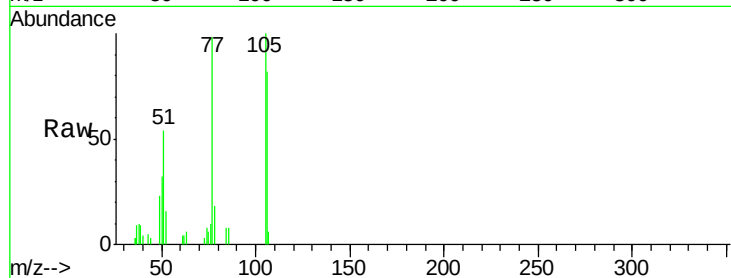
Tgt Ion: 77 Resp: 8990

Ion Ratio Lower Upper

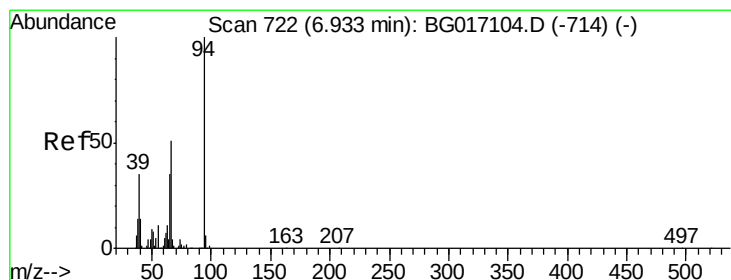
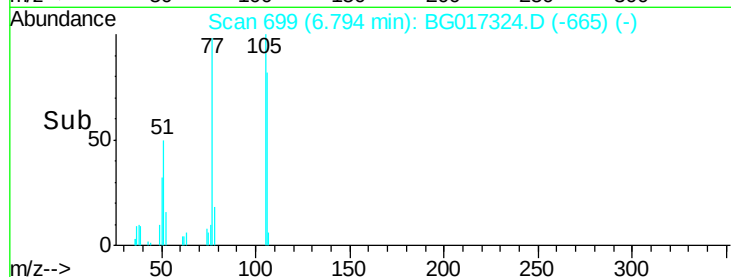
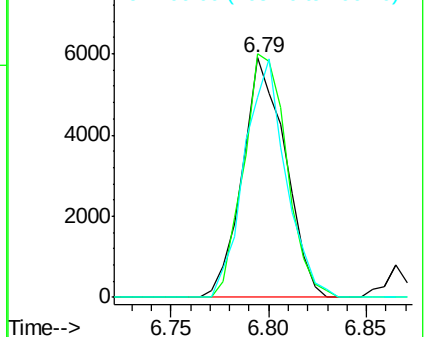
77 100

105 101.8 69.5 109.5

106 83.9 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: 51.75 ng

RT: 6.89 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG017324.D

Acq: 28 May 2015 14:30

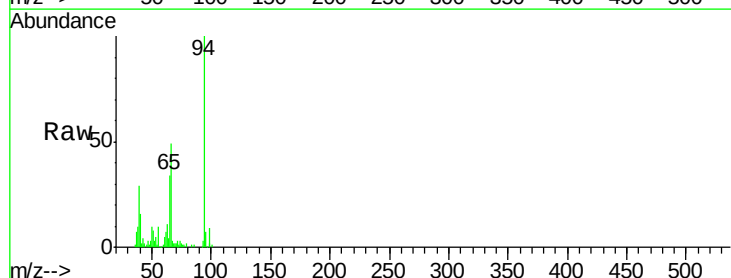
Tgt Ion: 94 Resp: 93542

Ion Ratio Lower Upper

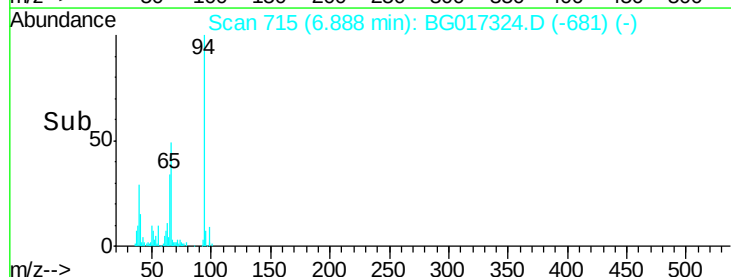
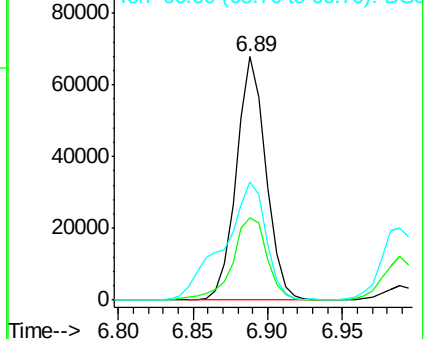
94 100

65 33.7 15.0 55.0

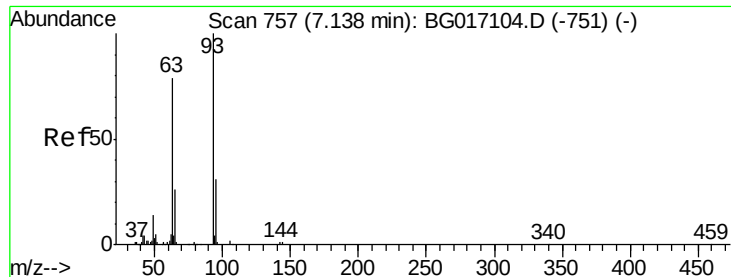
66 48.7 32.1 72.1



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



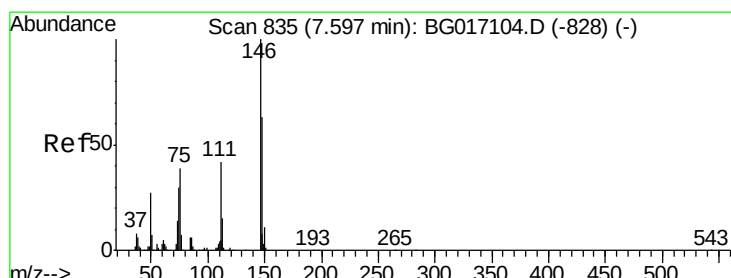
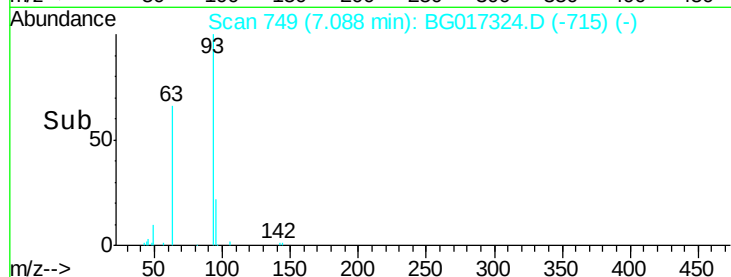
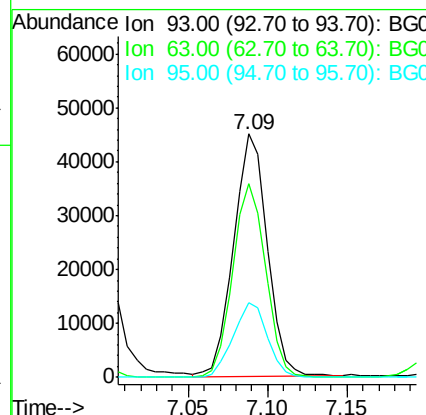
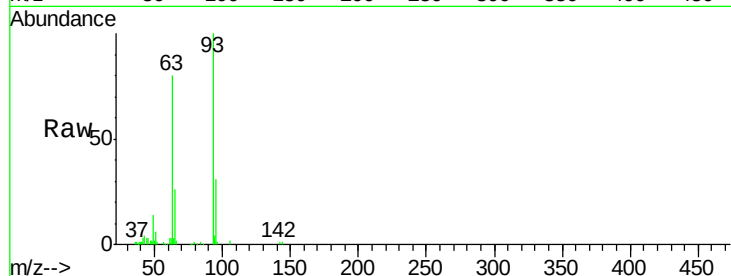




#11  
bis(2-Chloroethyl)ether  
Concen: 48.63 ng  
RT: 7.09 min Scan# 749  
Delta R.T. -0.00 min  
Lab File: BG017324.D  
Acq: 28 May 2015 14:30

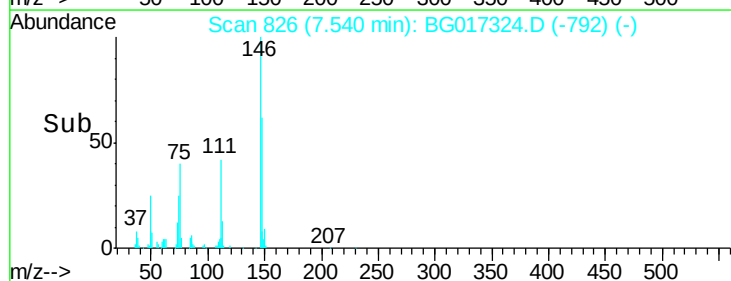
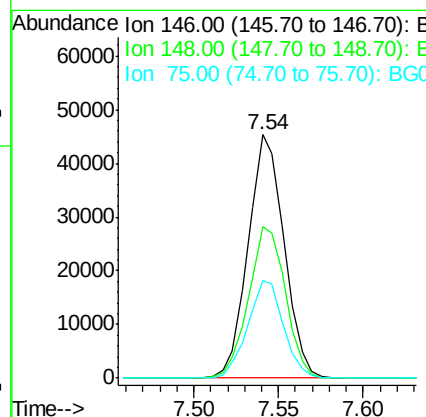
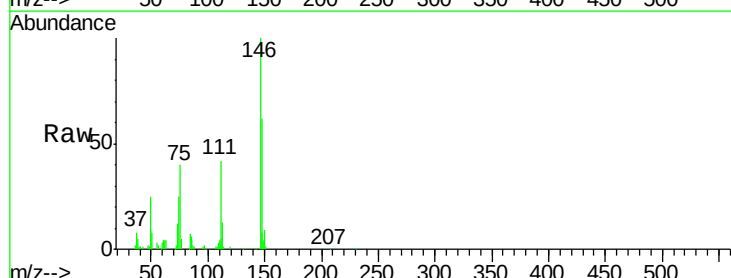
Instrument :  
BNA\_G  
ClientSampleId :  
TP-18-D13MS

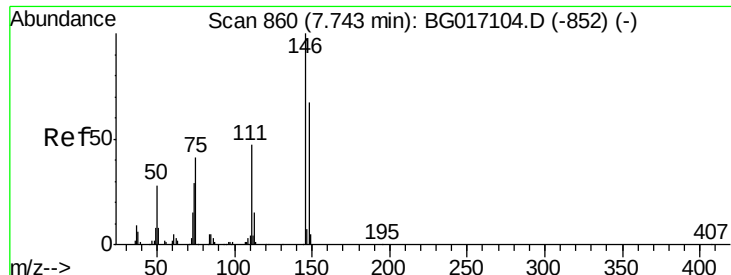
Tgt Ion: 93 Resp: 65912  
Ion Ratio Lower Upper  
93 100  
63 79.5 58.5 98.5  
95 30.9 11.0 51.0



#12  
1,3-Dichlorobenzene  
Concen: 41.38 ng  
RT: 7.54 min Scan# 826  
Delta R.T. -0.00 min  
Lab File: BG017324.D  
Acq: 28 May 2015 14:30

Tgt Ion: 146 Resp: 67156  
Ion Ratio Lower Upper  
146 100  
148 62.3 50.6 75.8  
75 40.1 31.4 47.2

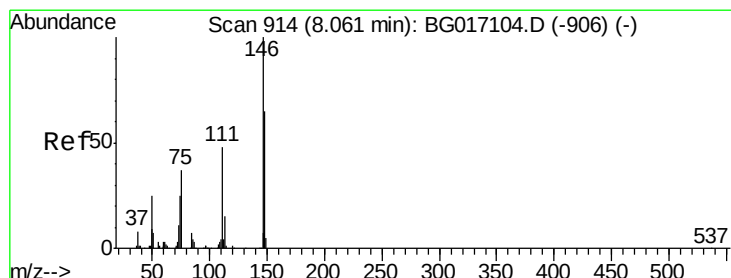
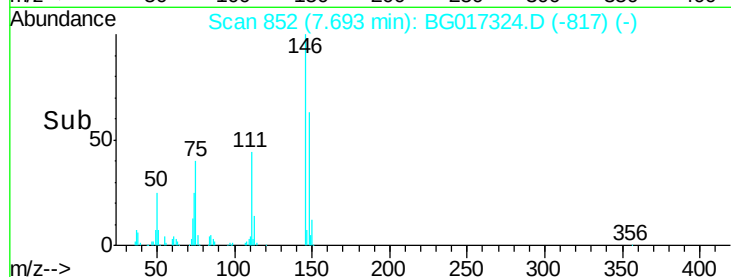
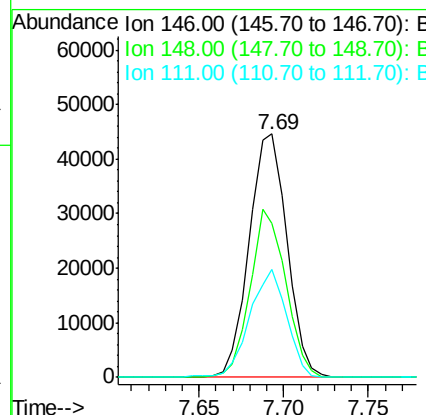
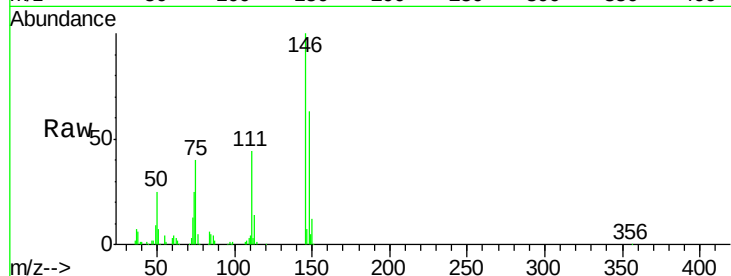




#13  
 1,4-Dichlorobenzene  
 Concen: 42.54 ng  
 RT: 7.69 min Scan# 852  
 Delta R.T. 0.00 min  
 Lab File: BG017324.D  
 Acq: 28 May 2015 14:30

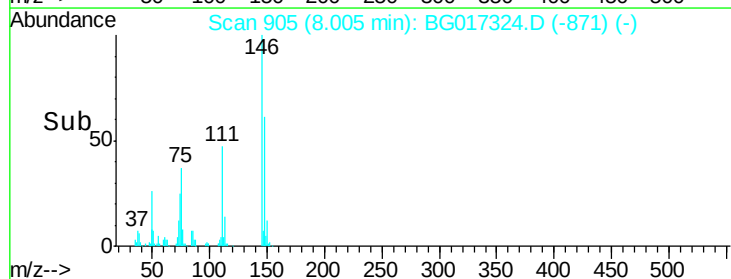
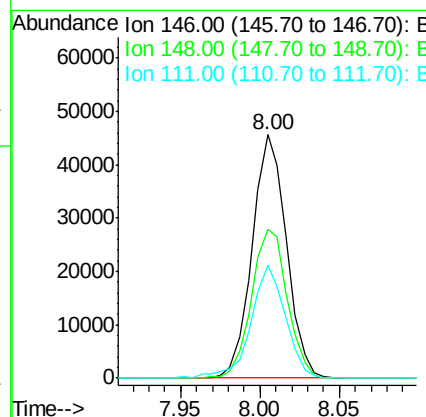
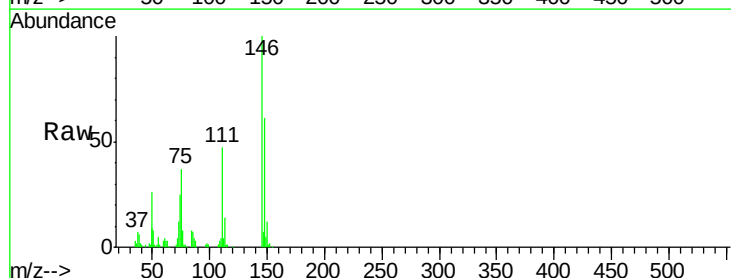
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-18-D13MS

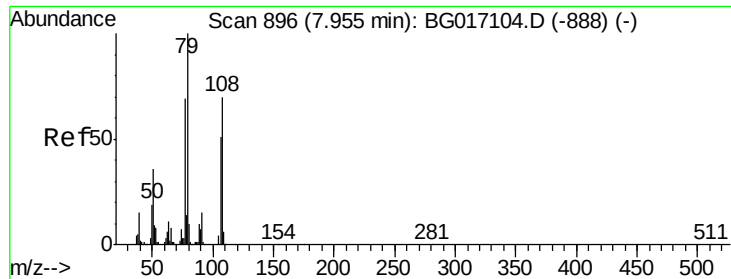
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.1  | 53.9  | 80.9  |
| 111     | 44.1  | 37.9  | 56.9  |



#14  
 1,2-Dichlorobenzene  
 Concen: 43.66 ng  
 RT: 8.00 min Scan# 905  
 Delta R.T. -0.00 min  
 Lab File: BG017324.D  
 Acq: 28 May 2015 14:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 61.3  | 52.3  | 78.5  |
| 111     | 46.6  | 39.0  | 58.4  |





#15

Benzyl Alcohol

Concen: 45.02 ng

RT: 7.90 min Scan# 888

Delta R.T. -0.00 min

Lab File: BG017324.D

Acq: 28 May 2015 14:30

Instrument :

BNA\_G

ClientSampleId :

TP-18-D13MS

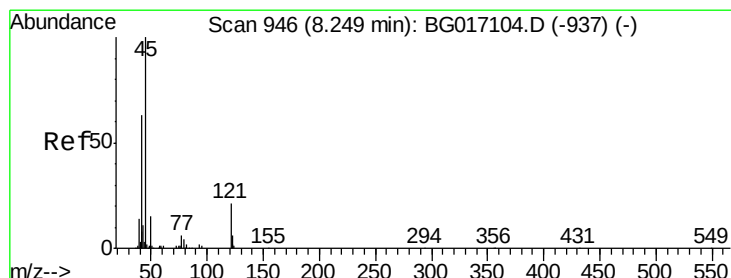
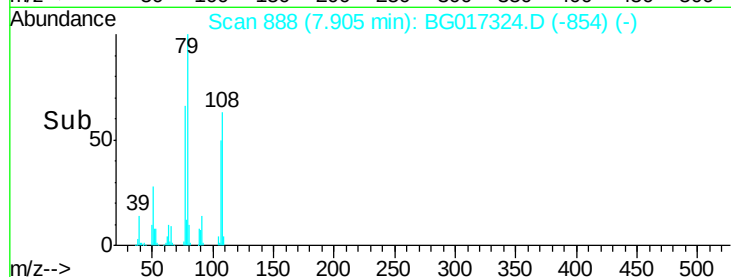
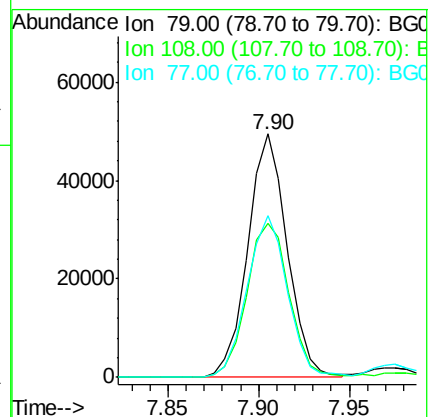
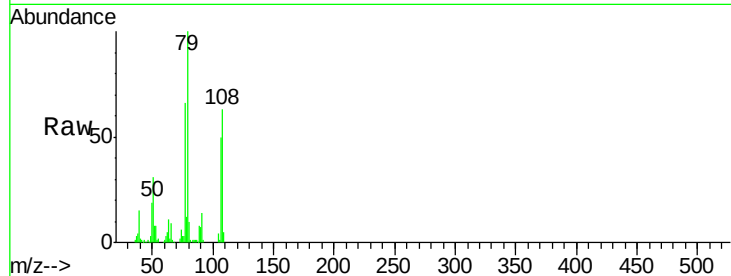
Tgt Ion: 79 Resp: 74552

Ion Ratio Lower Upper

79 100

108 63.3 55.8 83.6

77 66.3 55.4 83.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.75 ng

RT: 8.20 min Scan# 938

Delta R.T. -0.00 min

Lab File: BG017324.D

Acq: 28 May 2015 14:30

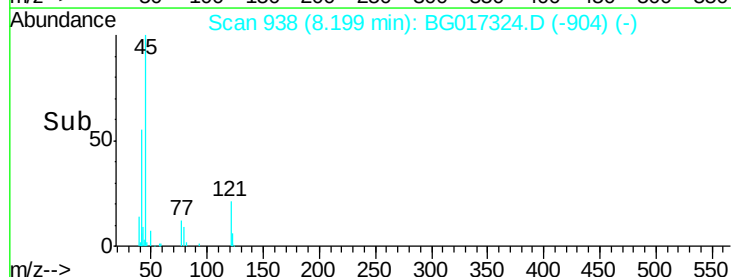
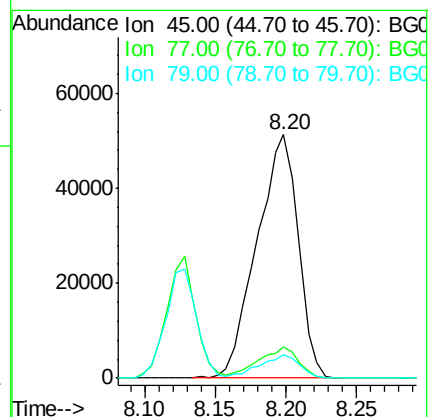
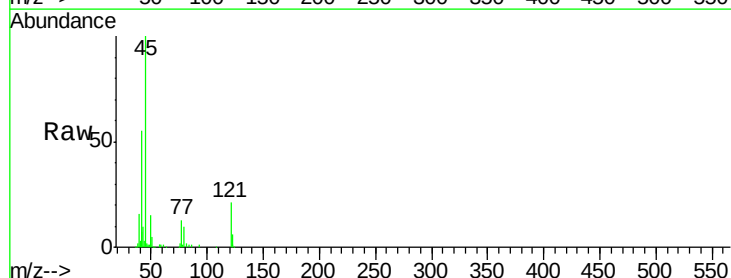
Tgt Ion: 45 Resp: 104935

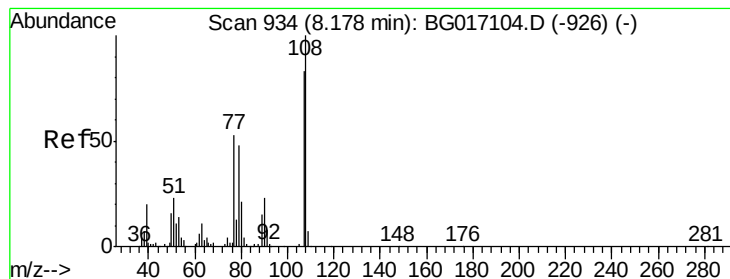
Ion Ratio Lower Upper

45 100

77 13.0 0.0 32.5

79 9.7 0.0 29.4





#17

2-Methylphenol

Concen: 49.35 ng

RT: 8.13 min Scan# 926

Delta R.T. 0.00 min

Lab File: BG017324.D

Acq: 28 May 2015 14:30

Instrument :

BNA\_G

ClientSampleId :

TP-18-D13MS

Tgt Ion:107 Resp: 64677

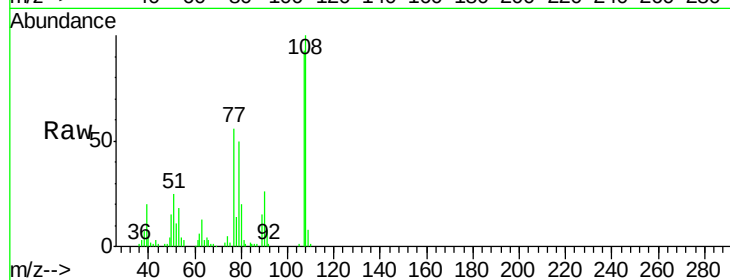
Ion Ratio Lower Upper

107 100

108 107.0 96.6 144.8

77 59.7 51.2 76.8

79 53.5 45.9 68.9

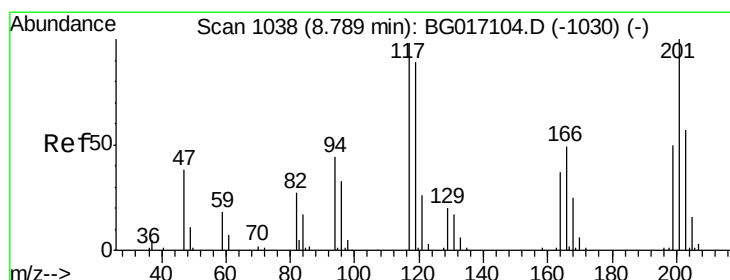
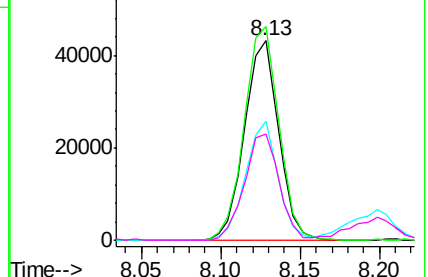
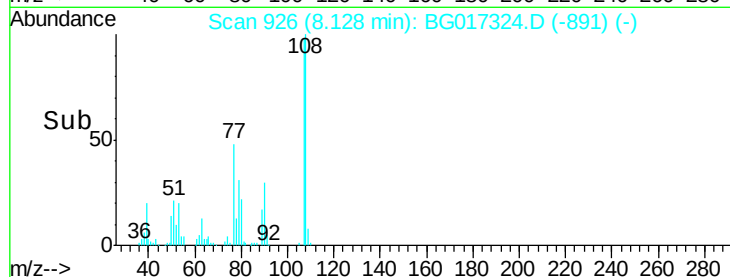


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.41 ng

RT: 8.73 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BG017324.D

Acq: 28 May 2015 14:30

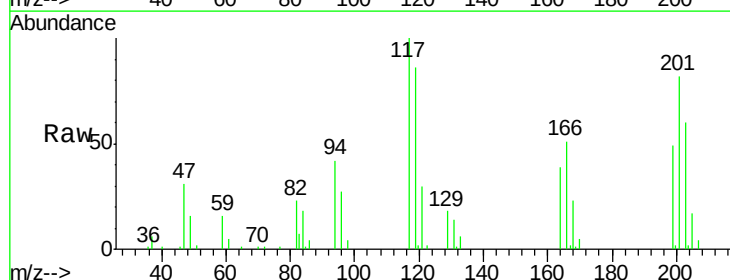
Tgt Ion:117 Resp: 29698

Ion Ratio Lower Upper

117 100

119 85.7 73.0 109.6

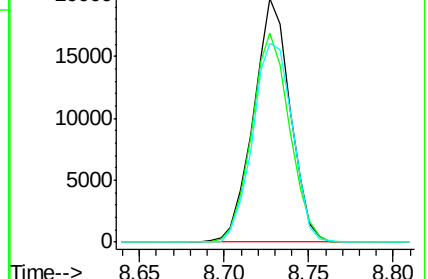
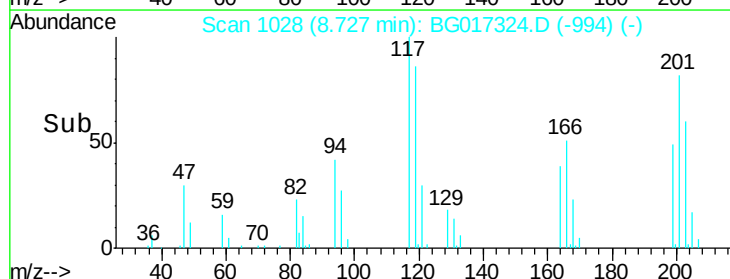
201 81.8 81.7 122.5

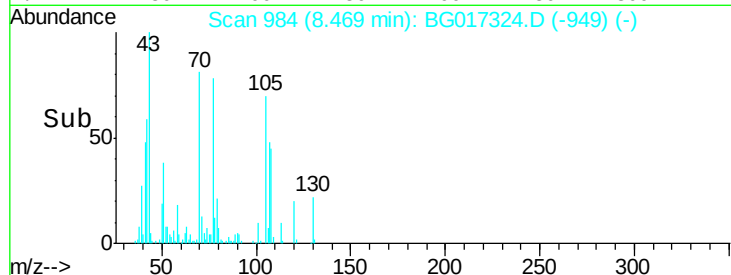
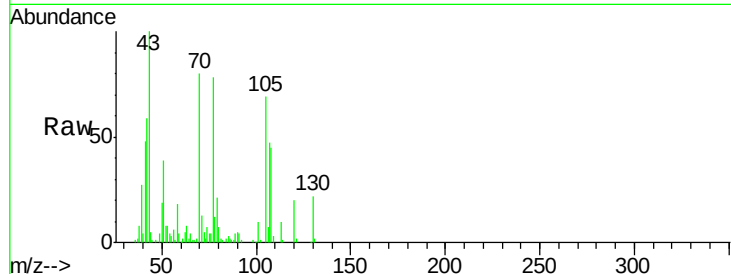
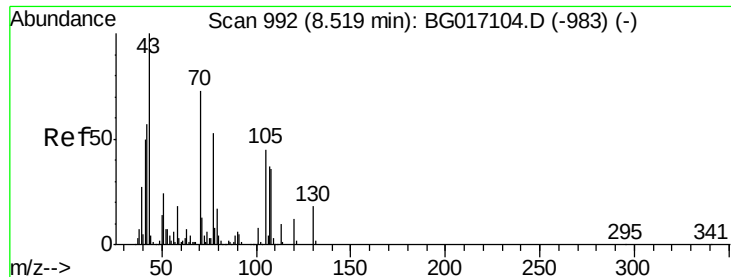


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

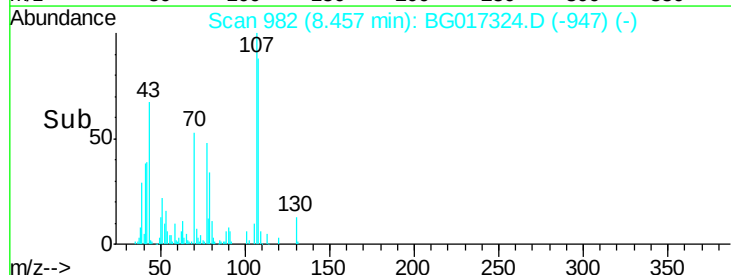
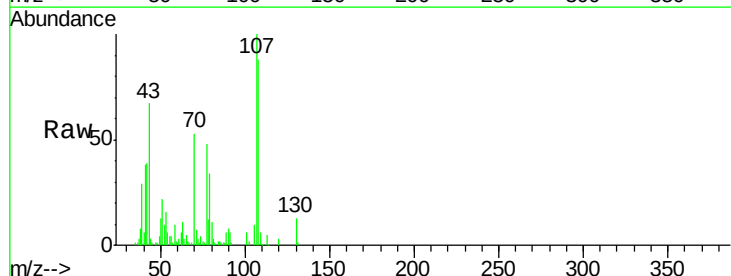
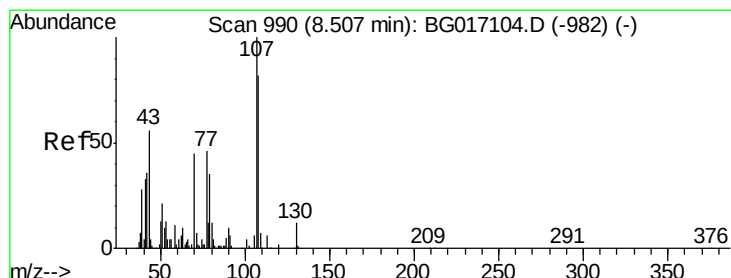
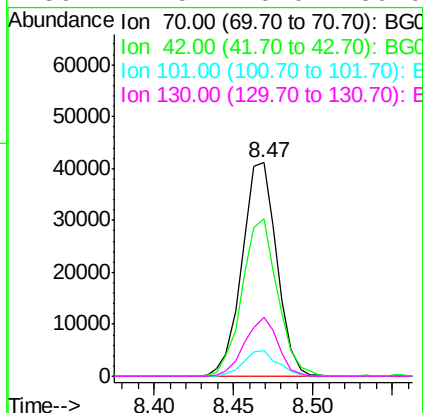




#19  
n-Nitroso-di-n-propylamine  
Concen: 42.04 ng  
RT: 8.47 min Scan# 984  
Delta R.T. 0.00 min  
Lab File: BG017324.D  
Acq: 28 May 2015 14:30

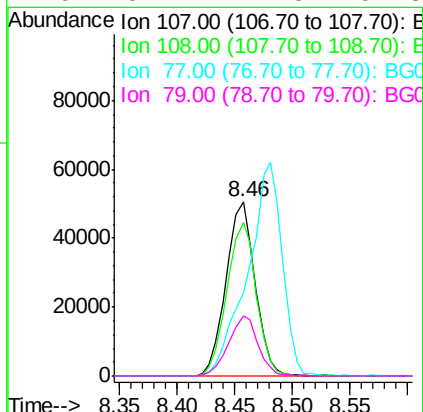
Instrument :  
BNA\_G  
ClientSampleId :  
TP-18-D13MS

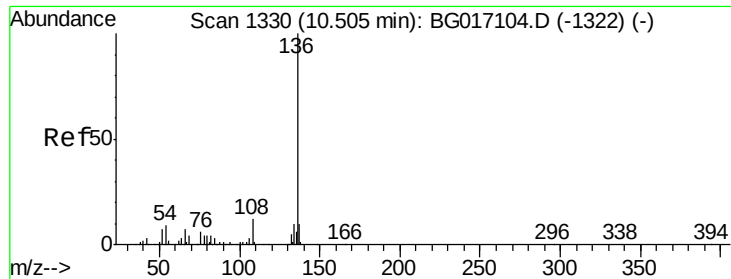
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 62429 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 73.7  | 62.6  | 94.0  |
| 101      | 12.0  | 9.0   | 13.4  |
| 130      | 27.5  | 20.0  | 30.0  |



#20  
3+4-Methylphenols  
Concen: 48.37 ng  
RT: 8.46 min Scan# 982  
Delta R.T. 0.00 min  
Lab File: BG017324.D  
Acq: 28 May 2015 14:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 88101 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 88.5  | 62.2  | 102.2 |
| 77       | 47.9  | 26.0  | 66.0  |
| 79       | 34.2  | 14.8  | 54.8  |

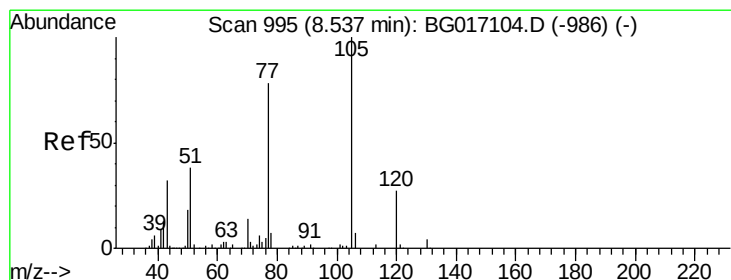
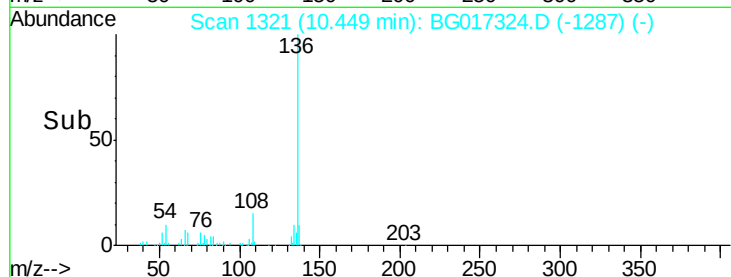
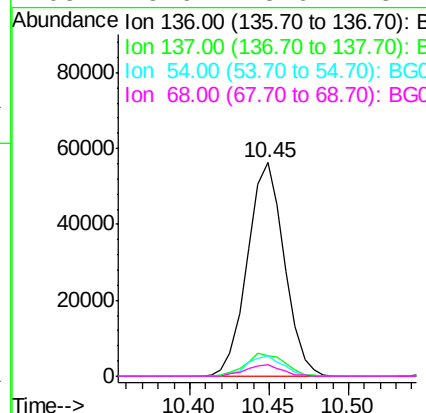
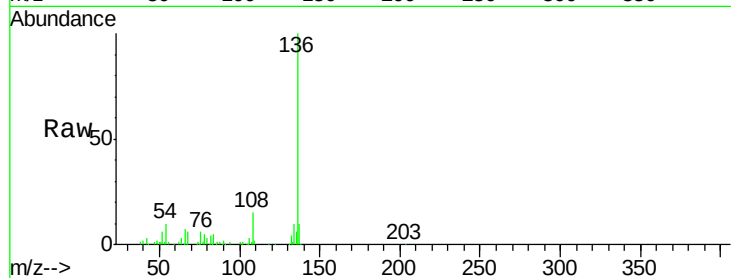




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.45 min Scan# 1321  
Delta R.T. -0.00 min  
Lab File: BG017324.D  
Acq: 28 May 2015 14:30

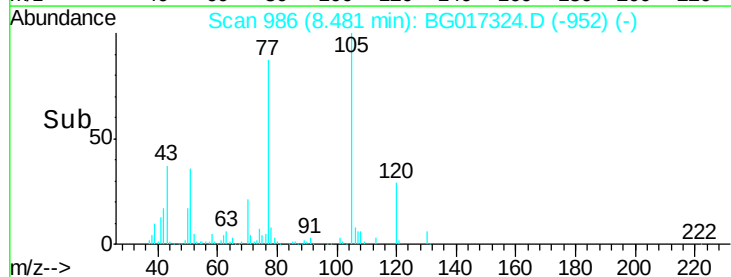
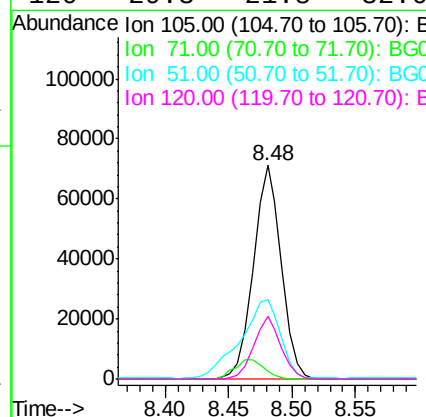
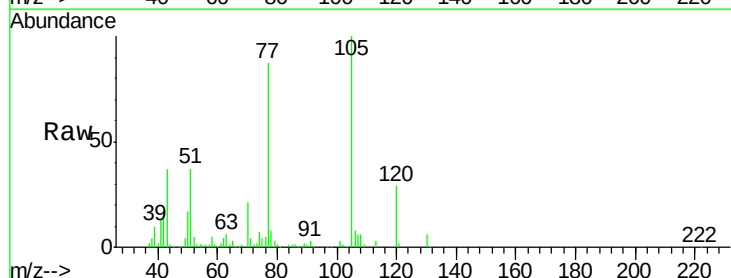
Instrument :  
BNA\_G  
ClientSampleId :  
TP-18-D13MS

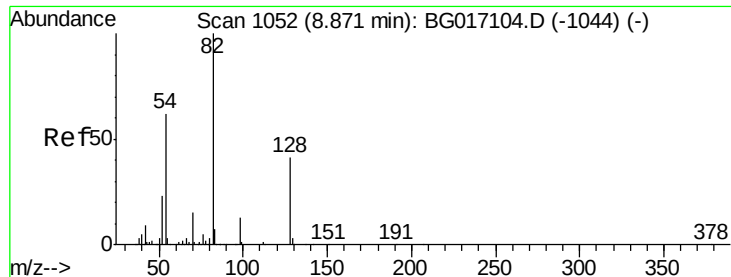
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 90927 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 9.8   | 8.3   | 12.5  |
| 54       | 9.5   | 7.4   | 11.2  |
| 68       | 5.6   | 3.6   | 5.4#  |



#22  
Acetophenone  
Concen: 49.11 ng  
RT: 8.48 min Scan# 986  
Delta R.T. -0.00 min  
Lab File: BG017324.D  
Acq: 28 May 2015 14:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 108368 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 3.6   | 2.2   | 3.4#   |
| 51       | 37.0  | 32.8  | 49.2   |
| 120      | 29.3  | 21.8  | 32.6   |

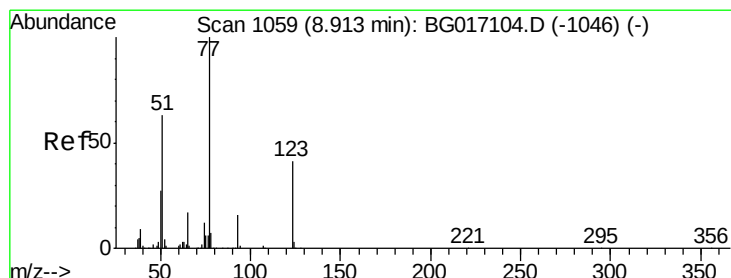
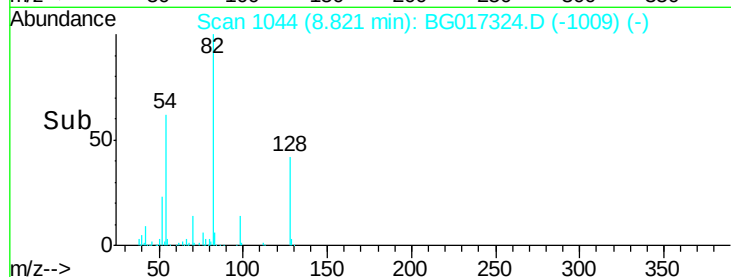
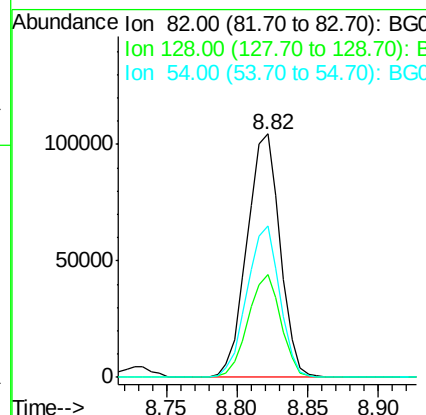
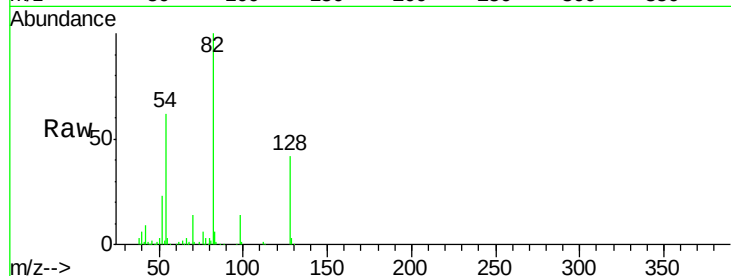




#23  
 Nitrobenzene-d5  
 Concen: 88.42 ng  
 RT: 8.82 min Scan# 1044  
 Delta R.T. 0.00 min  
 Lab File: BG017324.D  
 Acq: 28 May 2015 14:30

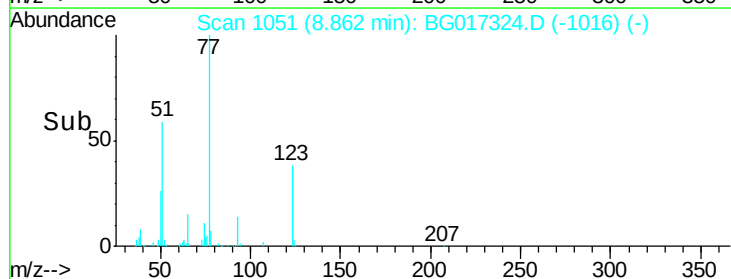
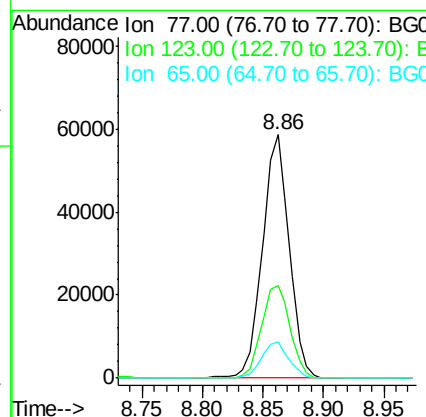
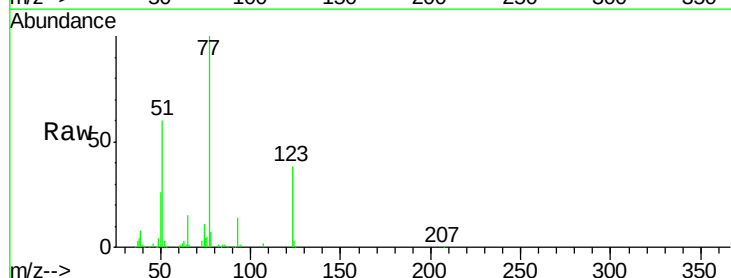
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-18-D13MS

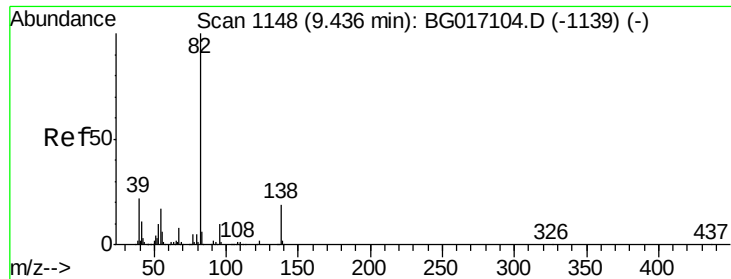
Tgt Ion: 82 Resp: 172206  
 Ion Ratio Lower Upper  
 82 100  
 128 42.1 32.6 49.0  
 54 62.4 49.6 74.4



#24  
 Nitrobenzene  
 Concen: 47.22 ng  
 RT: 8.86 min Scan# 1051  
 Delta R.T. 0.00 min  
 Lab File: BG017324.D  
 Acq: 28 May 2015 14:30

Tgt Ion: 77 Resp: 89985  
 Ion Ratio Lower Upper  
 77 100  
 123 37.9 33.0 49.4  
 65 15.2 13.3 19.9

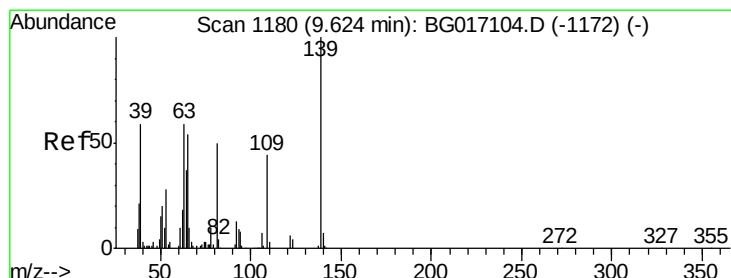
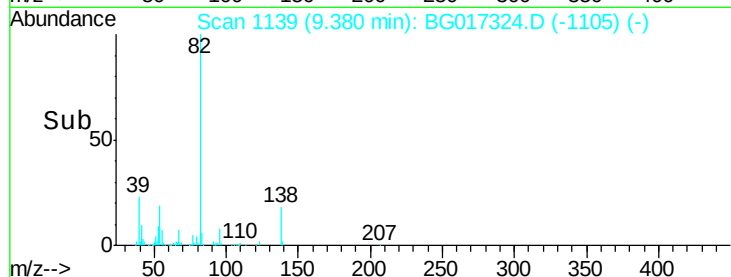
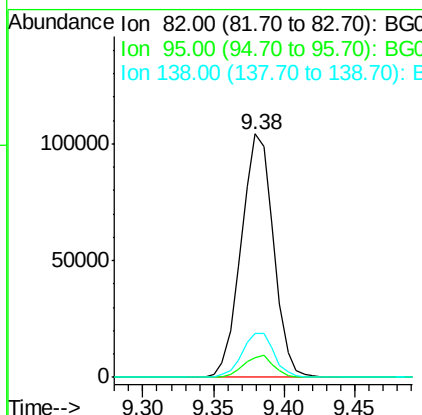
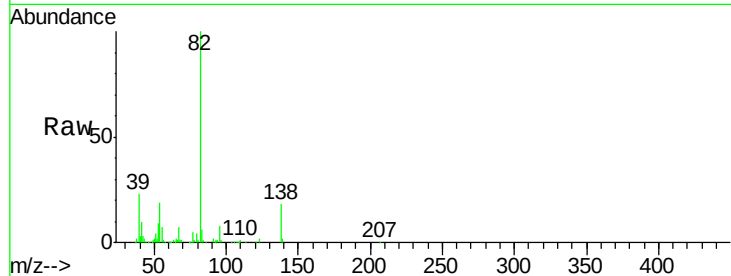




#25  
Isophorone  
Concen: 46.55 ng  
RT: 9.38 min Scan# 1139  
Delta R.T. -0.00 min  
Lab File: BG017324.D  
Acq: 28 May 2015 14:30

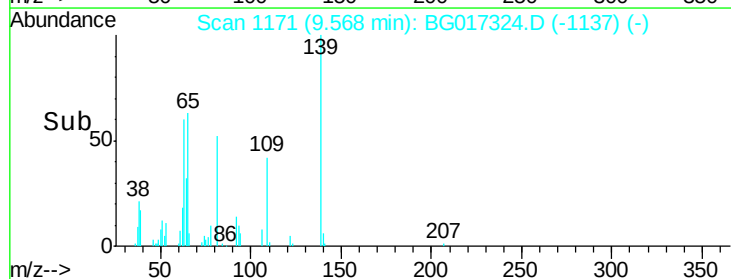
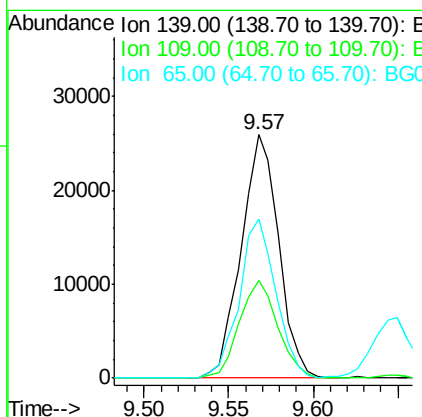
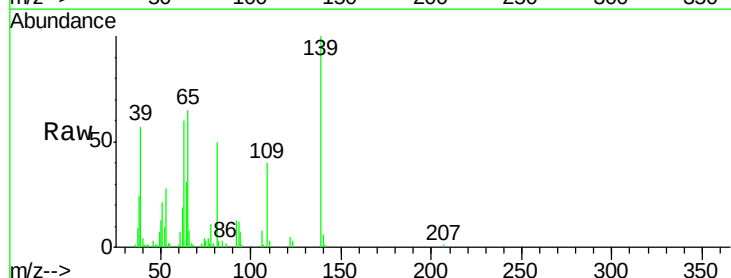
Instrument :  
BNA\_G  
ClientSampleId :  
TP-18-D13MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 8.1   | 7.7   | 11.5  |
| 138     | 18.2  | 15.0  | 22.6  |

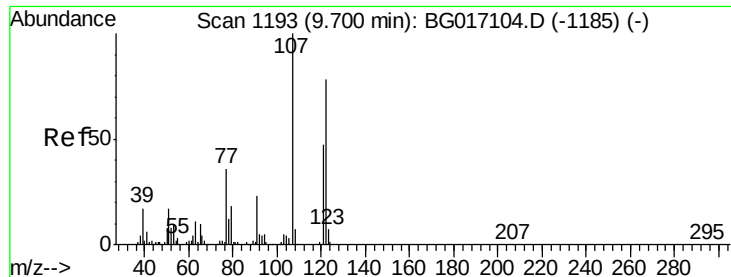


#26  
2-Nitrophenol  
Concen: 47.12 ng  
RT: 9.57 min Scan# 1171  
Delta R.T. -0.00 min  
Lab File: BG017324.D  
Acq: 28 May 2015 14:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 40.0  | 34.9  | 52.3  |
| 65      | 65.4  | 43.0  | 64.4# |



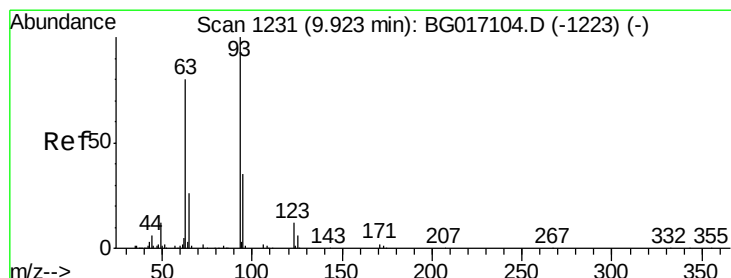
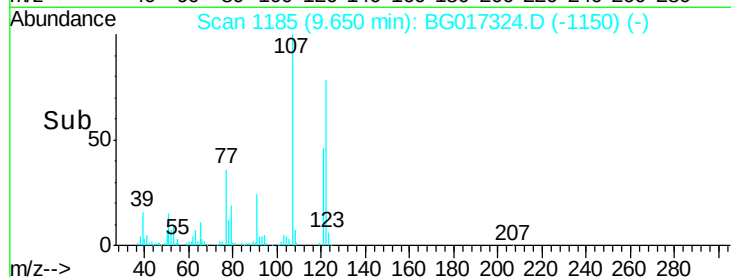
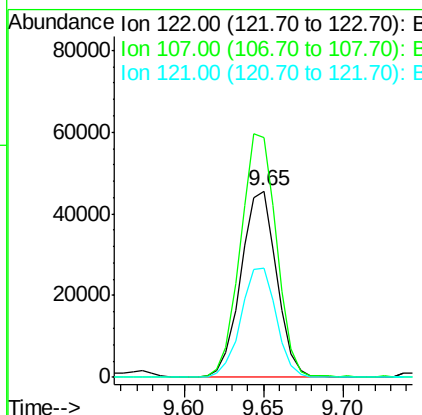
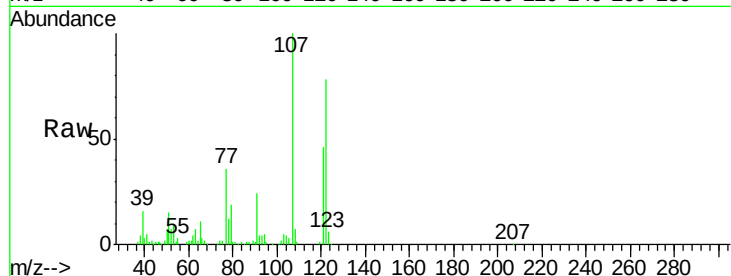




#27  
 2,4-Dimethylphenol  
 Concen: 50.85 ng  
 RT: 9.65 min Scan# 1185  
 Delta R.T. 0.00 min  
 Lab File: BG017324.D  
 Acq: 28 May 2015 14:30

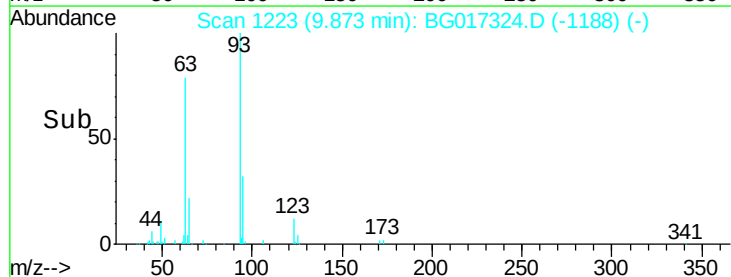
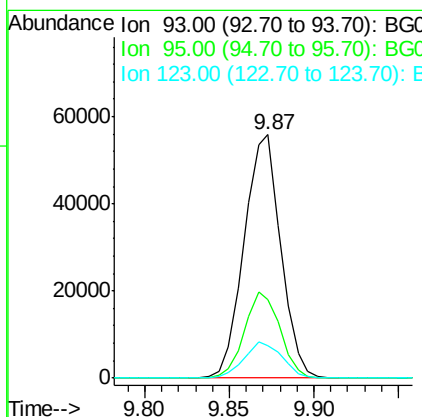
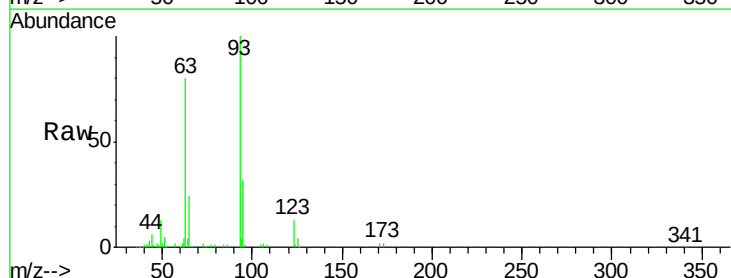
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-18-D13MS

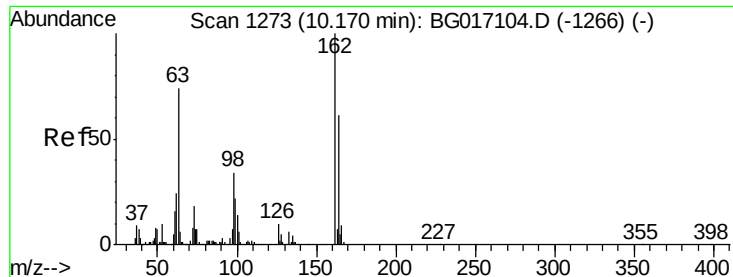
Tgt Ion:122 Resp: 71296  
 Ion Ratio Lower Upper  
 122 100  
 107 128.7 102.3 153.5  
 121 58.9 48.7 73.1



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 48.17 ng  
 RT: 9.87 min Scan# 1223  
 Delta R.T. 0.00 min  
 Lab File: BG017324.D  
 Acq: 28 May 2015 14:30

Tgt Ion: 93 Resp: 84182  
 Ion Ratio Lower Upper  
 93 100  
 95 32.3 28.0 42.0  
 123 13.2 10.3 15.5

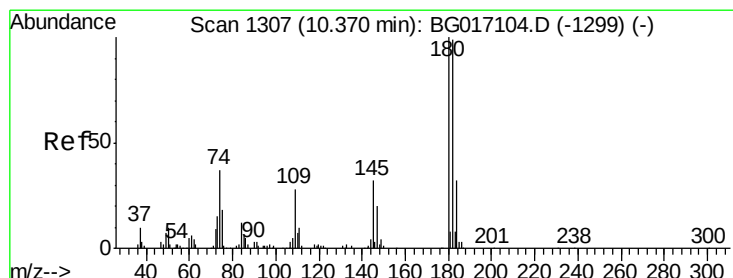
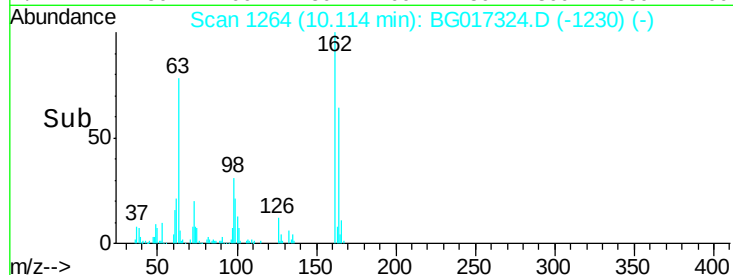
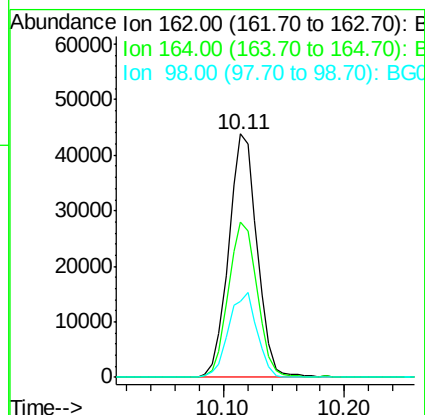
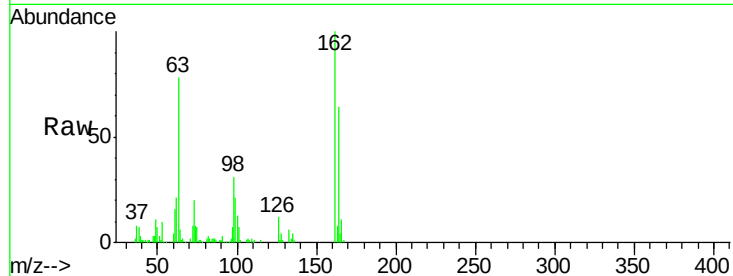




#29  
2,4-Dichlorophenol  
Concen: 54.01 ng  
RT: 10.11 min Scan# 1264  
Delta R.T. -0.00 min  
Lab File: BG017324.D  
Acq: 28 May 2015 14:30

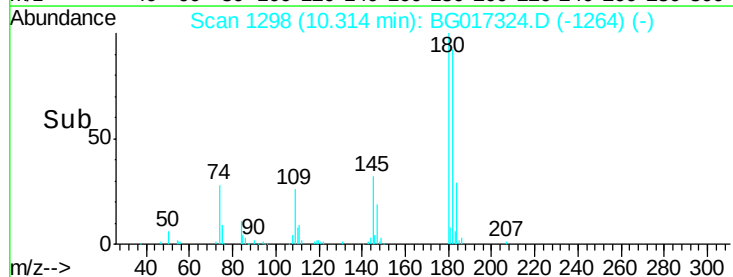
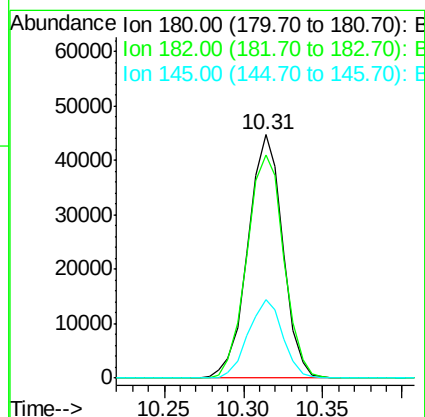
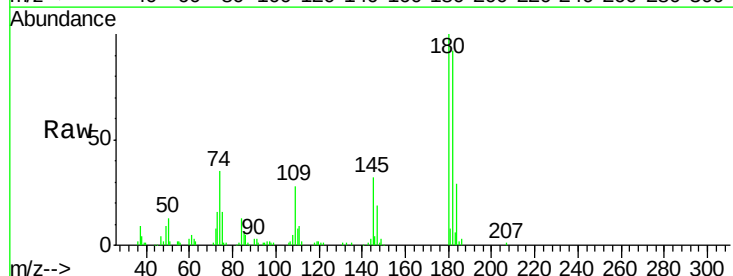
Instrument :  
BNA\_G  
ClientSampleId :  
TP-18-D13MS

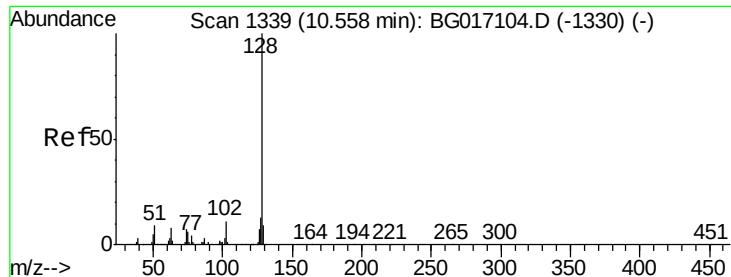
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.5  | 41.4  | 81.4  |
| 98      | 31.4  | 14.3  | 54.3  |



#30  
1,2,4-Trichlorobenzene  
Concen: 45.55 ng  
RT: 10.31 min Scan# 1298  
Delta R.T. -0.00 min  
Lab File: BG017324.D  
Acq: 28 May 2015 14:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 91.7  | 79.4  | 119.0 |
| 145     | 32.0  | 25.3  | 37.9  |

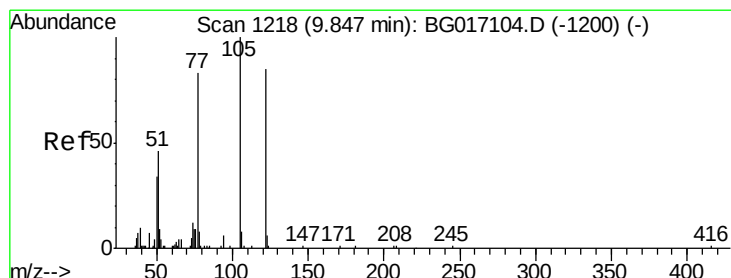
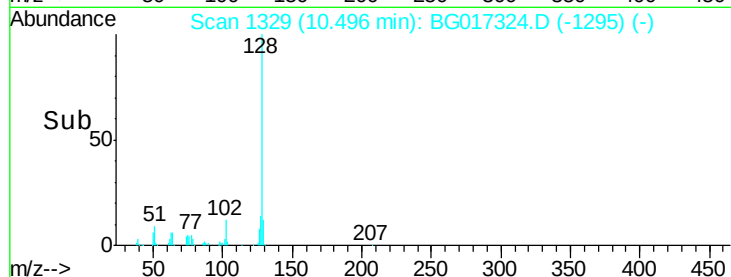
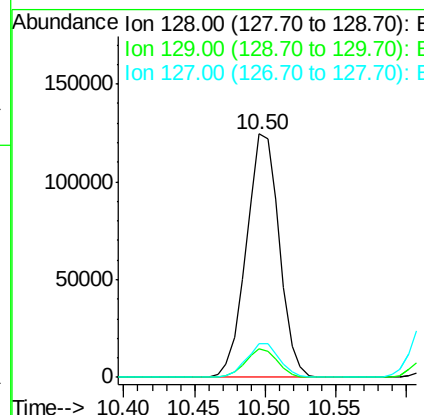
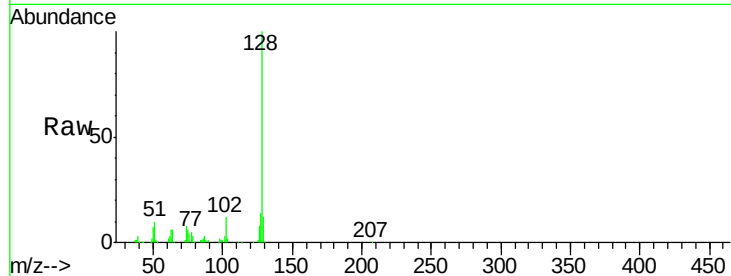




#31  
Naphthalene  
Concen: 45.78 ng  
RT: 10.50 min Scan# 1329  
Delta R.T. -0.00 min  
Lab File: BG017324.D  
Acq: 28 May 2015 14:30

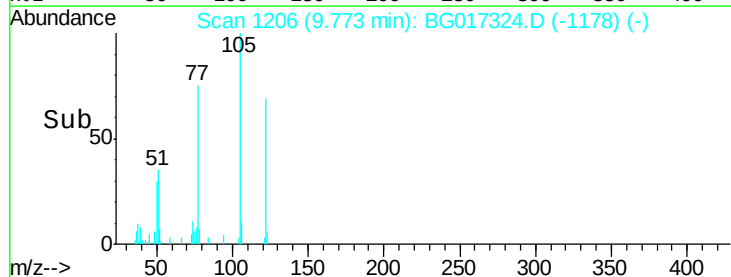
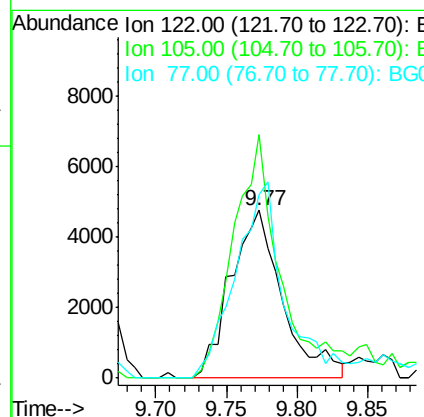
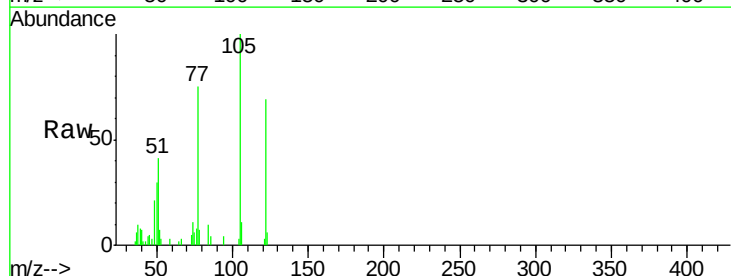
Instrument :  
BNA\_G  
ClientSampleId :  
TP-18-D13MS

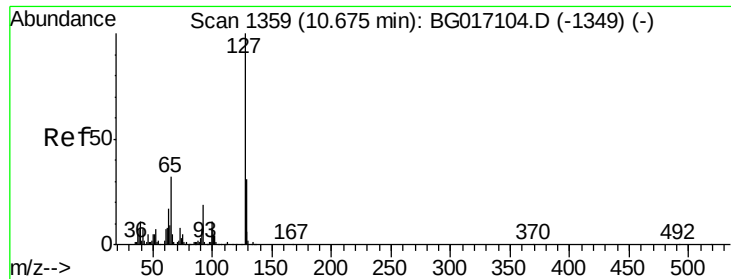
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.8  | 7.6   | 11.4# |
| 127     | 13.6  | 10.6  | 16.0  |



#32  
Benzoic acid  
Concen: 12.80 ng  
RT: 9.77 min Scan# 1206  
Delta R.T. -0.04 min  
Lab File: BG017324.D  
Acq: 28 May 2015 14:30

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 105     | 145.1 | 96.7  | 136.7# |
| 77      | 109.1 | 78.5  | 118.5  |

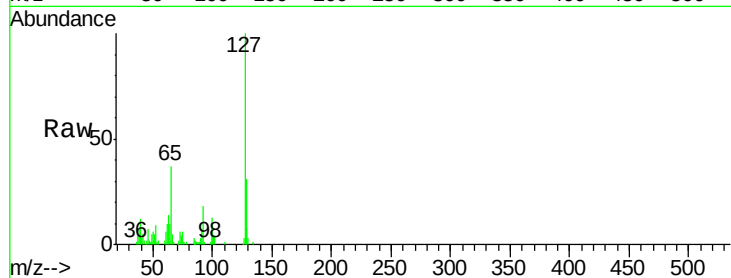




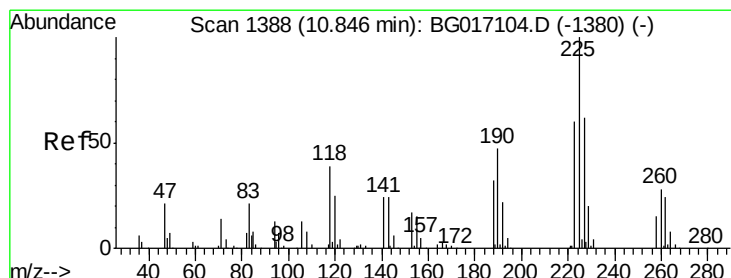
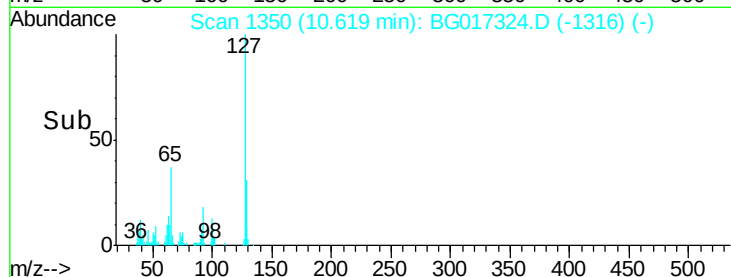
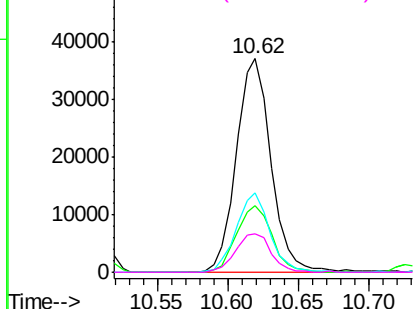
#33  
4-Chloroaniline  
Concen: 30.21 ng  
RT: 10.62 min Scan# 1350  
Delta R.T. -0.00 min  
Lab File: BG017324.D  
Acq: 28 May 2015 14:30

Instrument :  
BNA\_G  
ClientSampleId :  
TP-18-D13MS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 63577 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 31.4  | 24.8  | 37.2  |
| 65       | 37.4  | 25.8  | 38.6  |
| 92       | 18.2  | 15.0  | 22.4  |

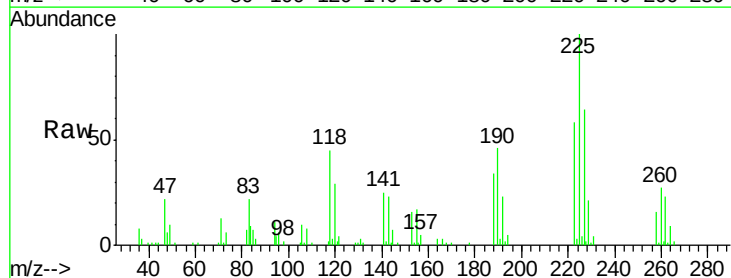


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BGO  
Ion 92.00 (91.70 to 92.70): BGO

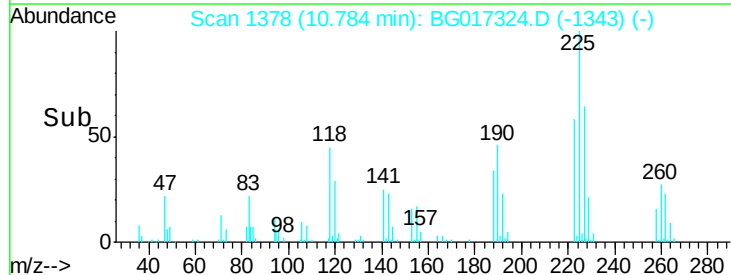
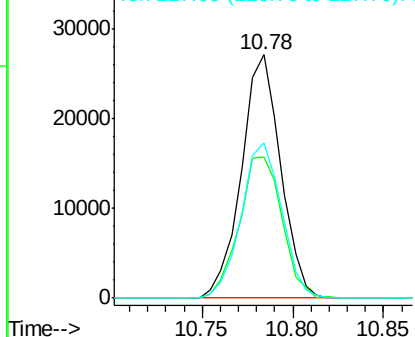


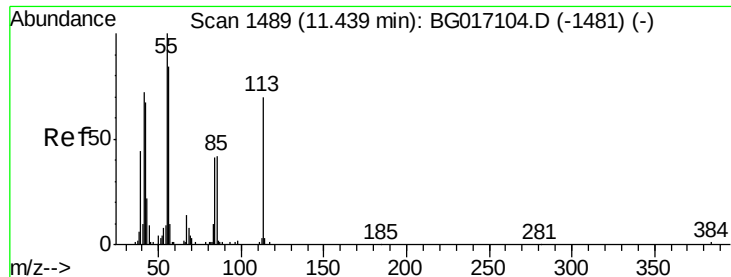
#34  
Hexachlorobutadiene  
Concen: 42.95 ng  
RT: 10.78 min Scan# 1378  
Delta R.T. 0.00 min  
Lab File: BG017324.D  
Acq: 28 May 2015 14:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 40806 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 58.0  | 48.3  | 72.5  |
| 227      | 63.9  | 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

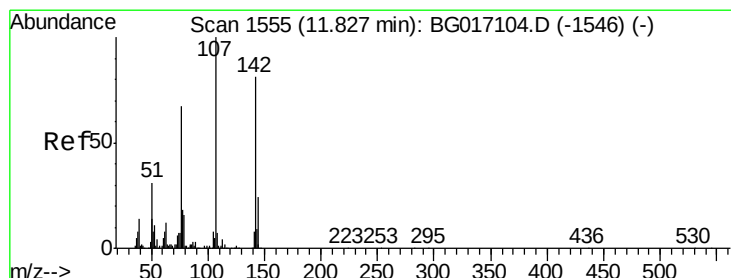
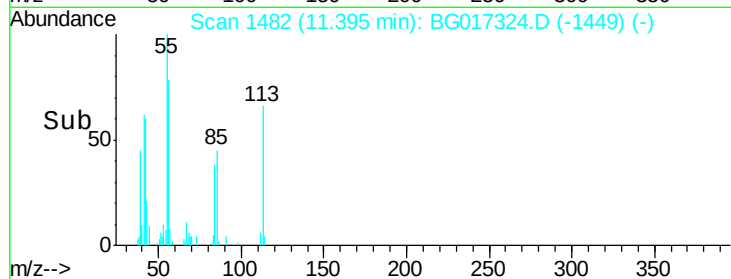
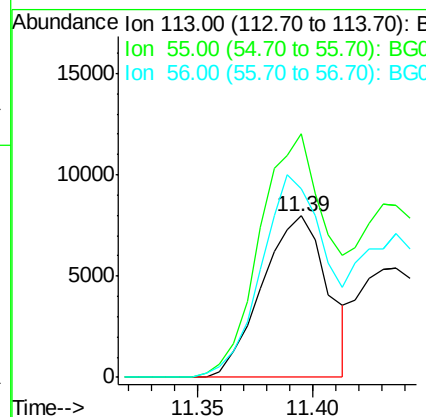
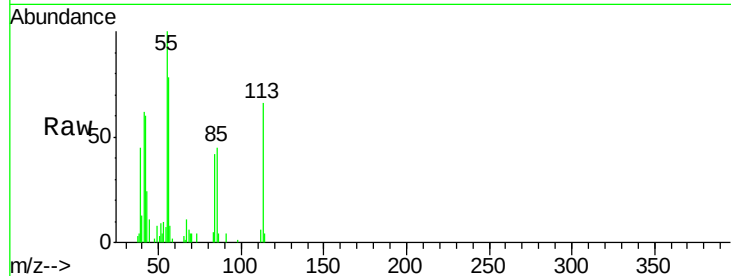




#35  
 Caprolactam  
 Concen: 23.52 ng  
 RT: 11.39 min Scan# 1482  
 Delta R.T. -0.01 min  
 Lab File: BG017324.D  
 Acq: 28 May 2015 14:30

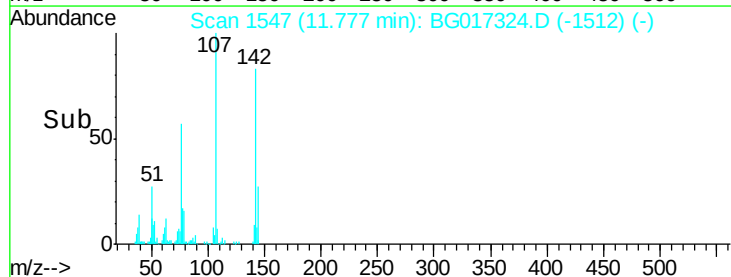
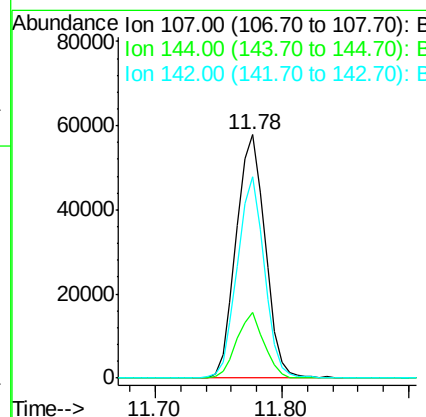
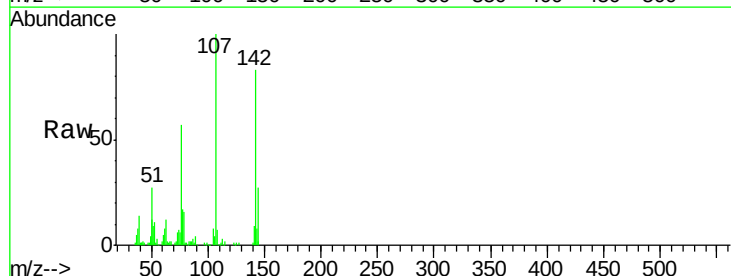
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-18-D13MS

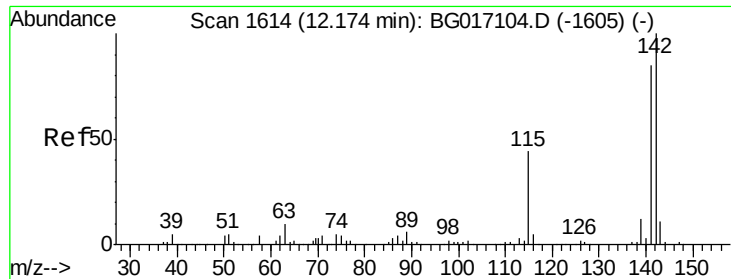
Tgt Ion:113 Resp: 15639  
 Ion Ratio Lower Upper  
 113 100  
 55 150.8 124.1 164.1  
 56 117.0 100.3 140.3



#36  
 4-Chloro-3-methylphenol  
 Concen: 54.84 ng  
 RT: 11.78 min Scan# 1547  
 Delta R.T. 0.00 min  
 Lab File: BG017324.D  
 Acq: 28 May 2015 14:30

Tgt Ion:107 Resp: 91647  
 Ion Ratio Lower Upper  
 107 100  
 144 27.1 19.6 29.4  
 142 82.5 64.9 97.3

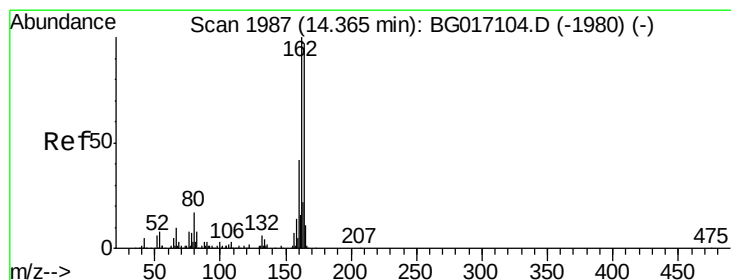
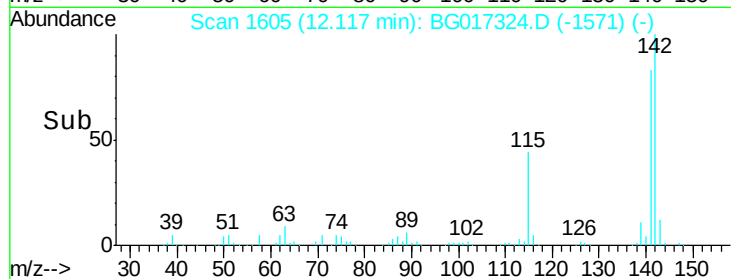
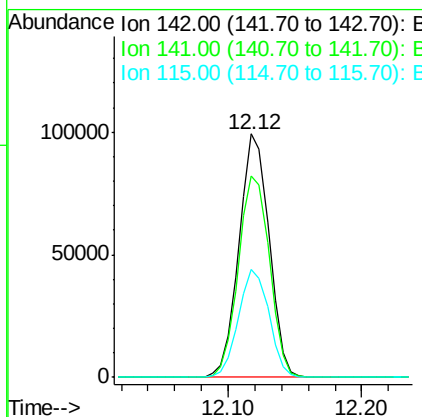
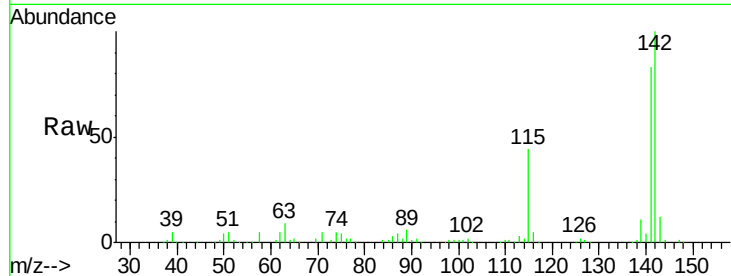




#37  
 2-Methylnaphthalene  
 Concen: 43.89 ng  
 RT: 12.12 min Scan# 1605  
 Delta R.T. -0.00 min  
 Lab File: BG017324.D  
 Acq: 28 May 2015 14:30

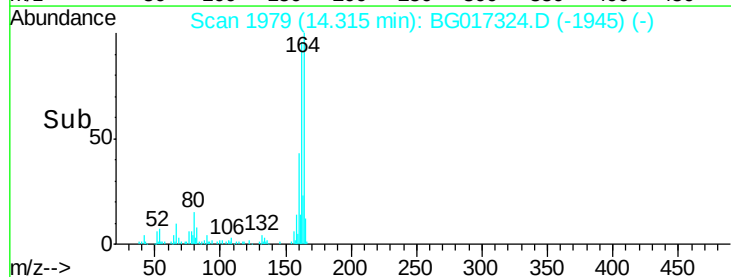
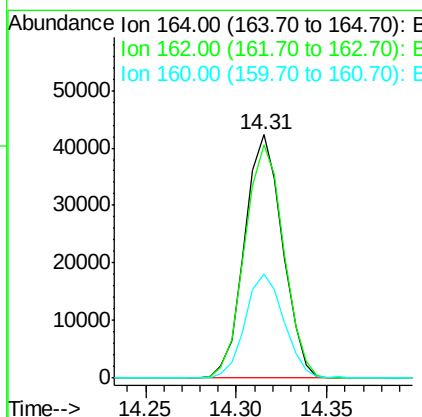
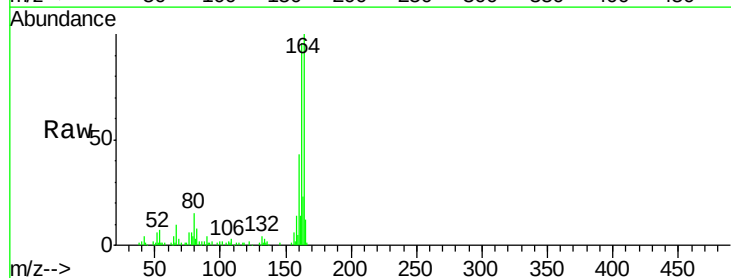
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-18-D13MS

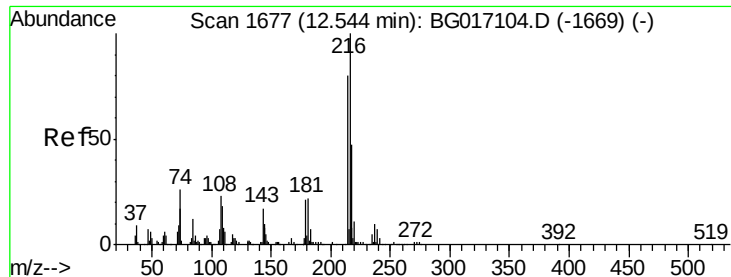
Tgt Ion:142 Resp: 154882  
 Ion Ratio Lower Upper  
 142 100  
 141 82.8 68.2 102.2  
 115 44.2 35.6 53.4



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 14.31 min Scan# 1979  
 Delta R.T. -0.00 min  
 Lab File: BG017324.D  
 Acq: 28 May 2015 14:30

Tgt Ion:164 Resp: 61543  
 Ion Ratio Lower Upper  
 164 100  
 162 95.8 82.1 123.1  
 160 43.0 34.8 52.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.80 ng

RT: 12.49 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BG017324.D

Acq: 28 May 2015 14:30

Instrument :

BNA\_G

ClientSampleId :

TP-18-D13MS

Tgt Ion:216 Resp: 76274

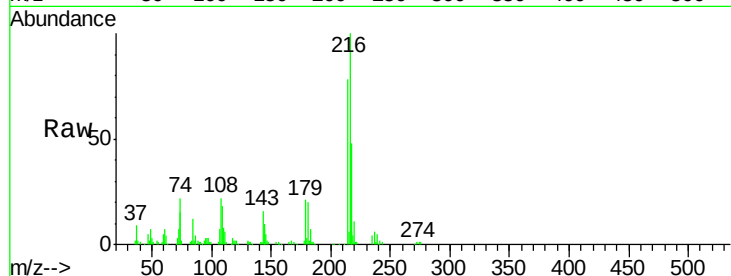
Ion Ratio Lower Upper

216 100

214 80.2 63.3 94.9

179 21.5 17.8 26.8

108 25.6 19.9 29.9

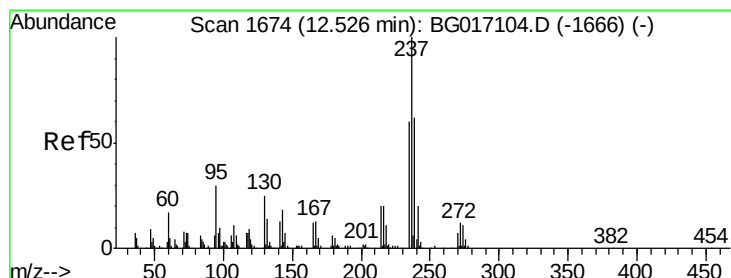
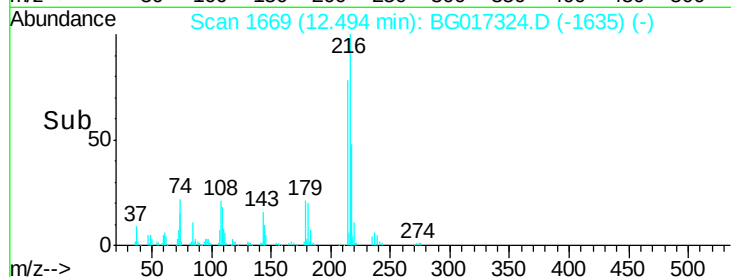
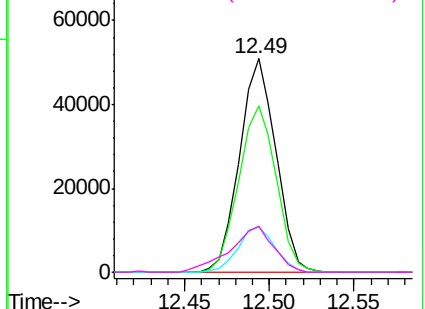


Abundance Ion 216.00 (215.70 to 216.70): E

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: 81.99 ng

RT: 12.47 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BG017324.D

Acq: 28 May 2015 14:30

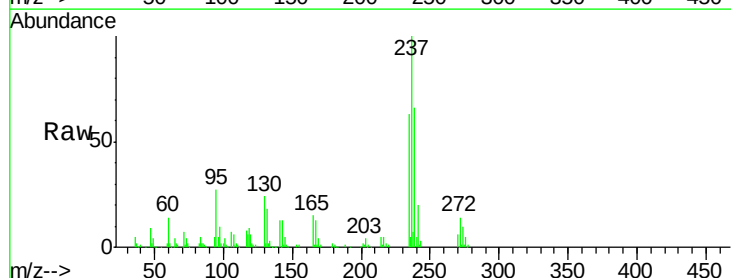
Tgt Ion:237 Resp: 87078

Ion Ratio Lower Upper

237 100

235 63.4 39.7 79.7

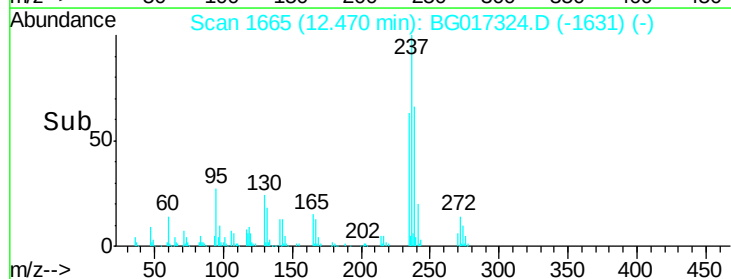
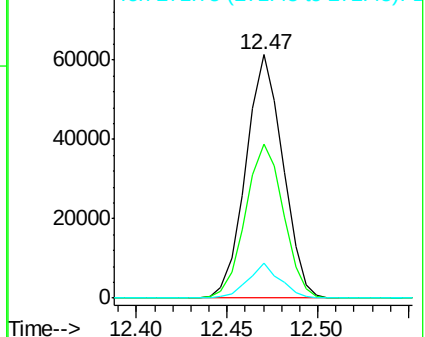
272 14.1 0.0 32.1

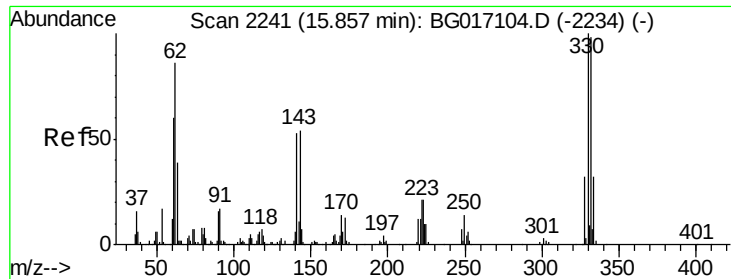


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

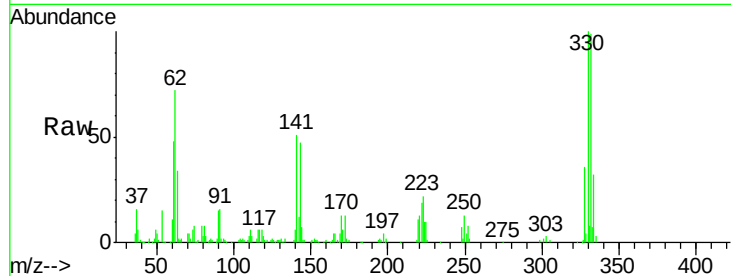




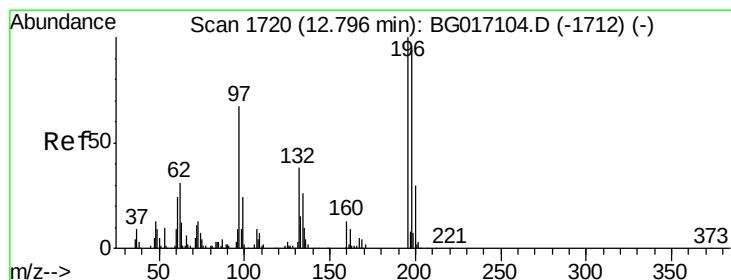
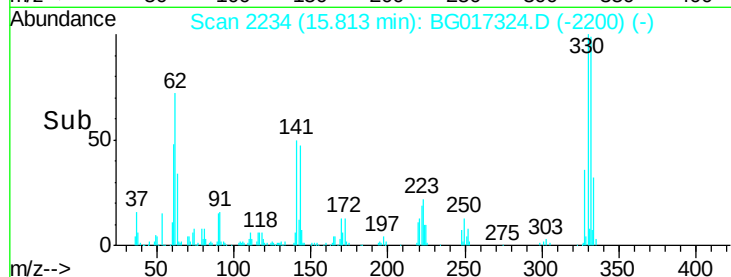
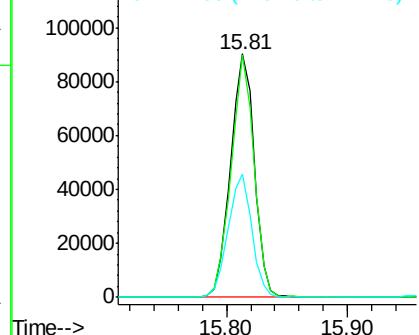
#41  
 2,4,6-Tribromophenol  
 Concen: 166.74 ng  
 RT: 15.81 min Scan# 2234  
 Delta R.T. -0.00 min  
 Lab File: BG017324.D  
 Acq: 28 May 2015 14:30

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-18-D13MS

Tgt Ion: 330 Resp: 124044  
 Ion Ratio Lower Upper  
 330 100  
 332 95.5 76.9 115.3  
 141 49.9 42.2 63.2

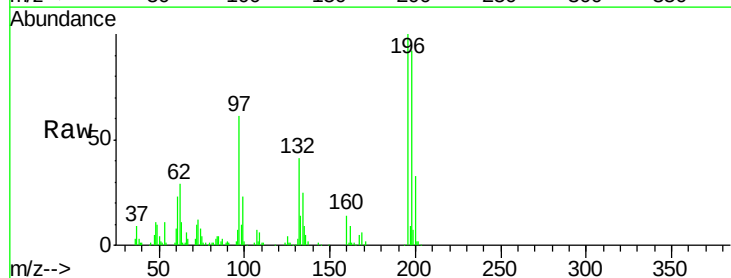


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

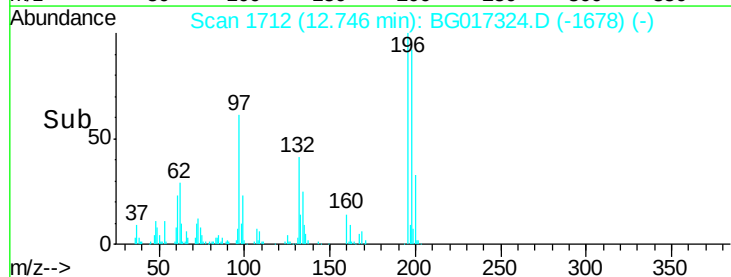
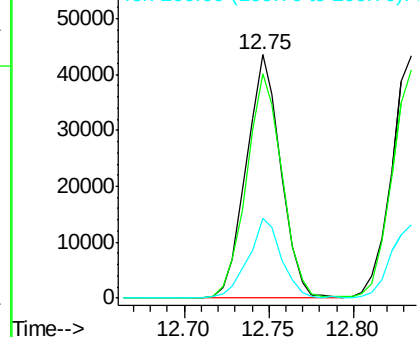


#42  
 2,4,6-Trichlorophenol  
 Concen: 50.33 ng  
 RT: 12.75 min Scan# 1712  
 Delta R.T. -0.00 min  
 Lab File: BG017324.D  
 Acq: 28 May 2015 14:30

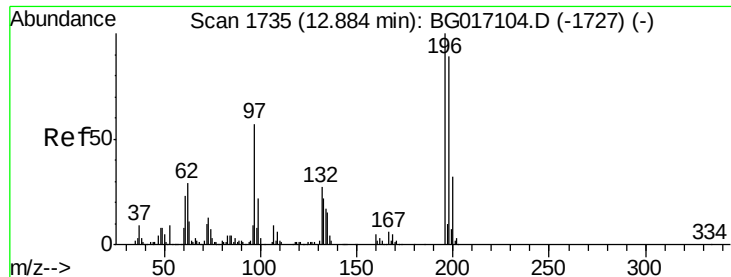
Tgt Ion: 196 Resp: 62169  
 Ion Ratio Lower Upper  
 196 100  
 198 92.1 74.9 112.3  
 200 32.7 24.2 36.2



Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E



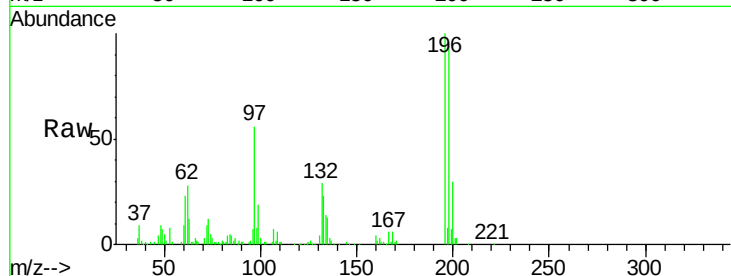




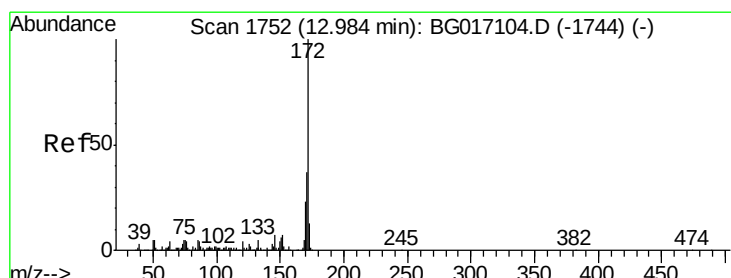
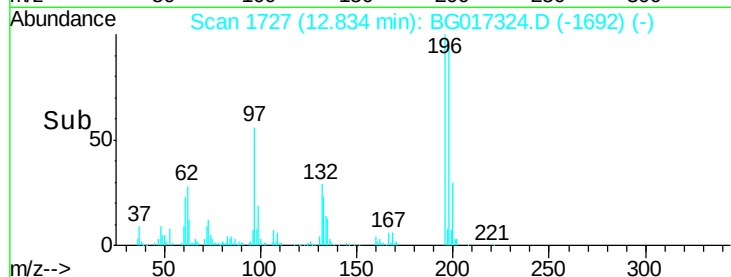
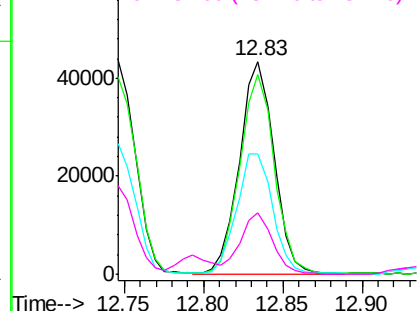
#43  
 2,4,5-Trichlorophenol  
 Concen: 51.99 ng  
 RT: 12.83 min Scan# 1727  
 Delta R.T. 0.00 min  
 Lab File: BG017324.D  
 Acq: 28 May 2015 14:30

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-18-D13MS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 196   | Resp: | 66166 |
| Ion      | Ratio | Lower | Upper |
| 196      | 100   |       |       |
| 198      | 94.1  | 71.4  | 107.0 |
| 97       | 56.4  | 45.4  | 68.0  |
| 132      | 29.0  | 22.5  | 33.7  |

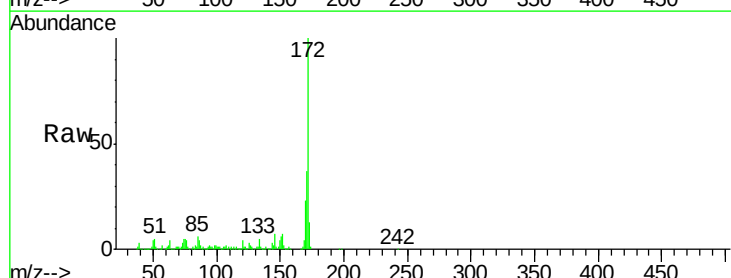


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BG  
 Ion 132.00 (131.70 to 132.70): E

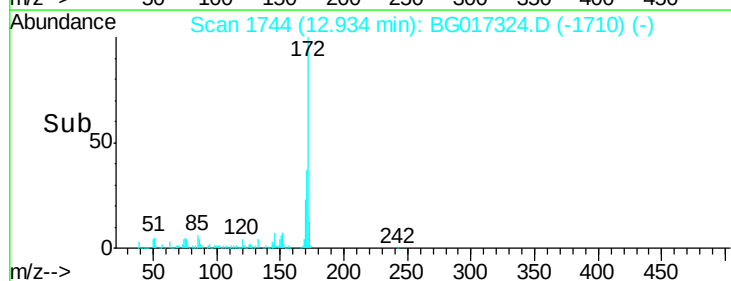
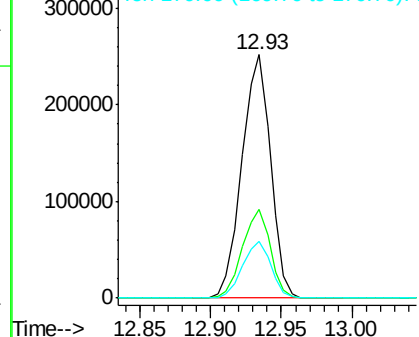


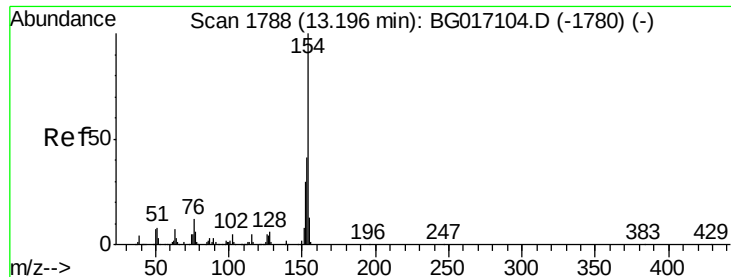
#44  
 2-Fluorobiphenyl  
 Concen: 84.99 ng  
 RT: 12.93 min Scan# 1744  
 Delta R.T. -0.00 min  
 Lab File: BG017324.D  
 Acq: 28 May 2015 14:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 172   | Resp: | 356470 |
| Ion      | Ratio | Lower | Upper  |
| 172      | 100   |       |        |
| 171      | 36.6  | 29.7  | 44.5   |
| 170      | 23.5  | 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: 44.35 ng

RT: 13.15 min Scan# 1780

Delta R.T. -0.00 min

Lab File: BG017324.D

Acq: 28 May 2015 14:30

Instrument :

BNA\_G

ClientSampleId :

TP-18-D13MS

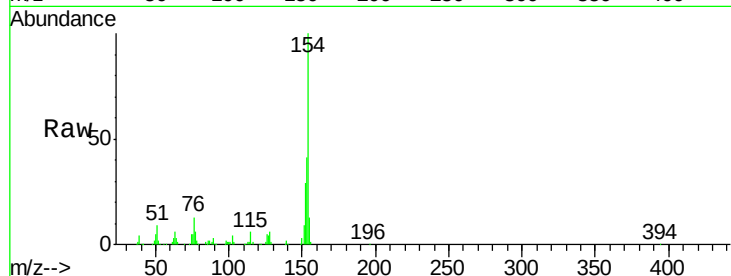
Tgt Ion:154 Resp: 196602

Ion Ratio Lower Upper

154 100

153 41.2 21.5 61.5

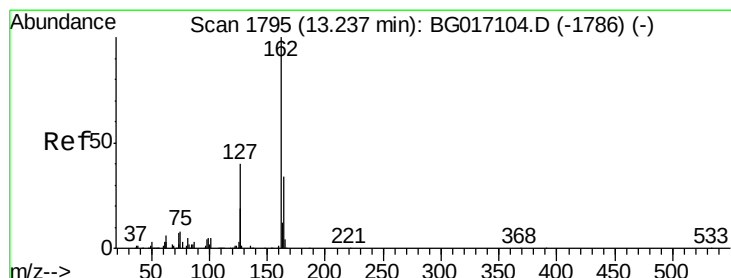
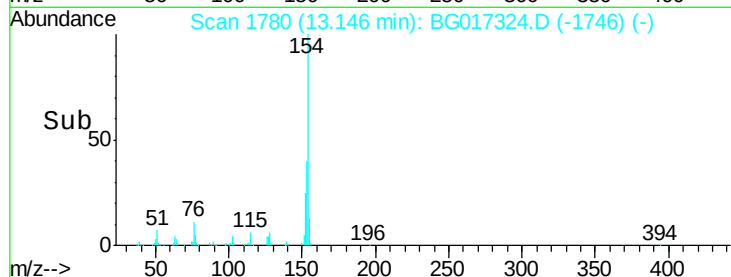
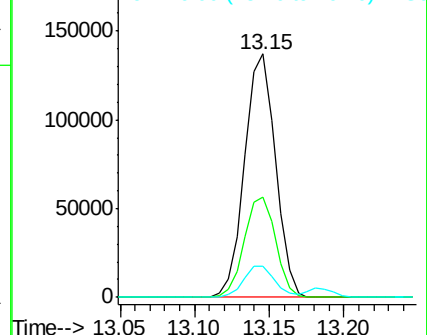
76 12.8 0.0 31.9



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: 44.90 ng

RT: 13.19 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BG017324.D

Acq: 28 May 2015 14:30

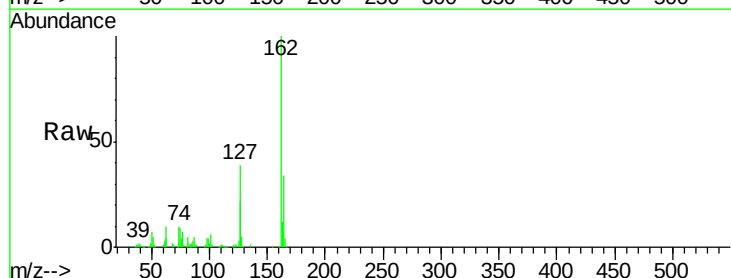
Tgt Ion:162 Resp: 157583

Ion Ratio Lower Upper

162 100

127 39.2 33.5 50.3

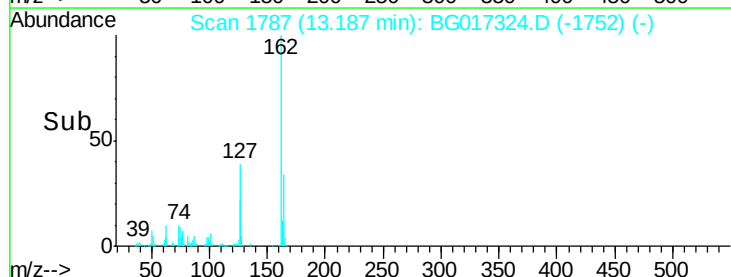
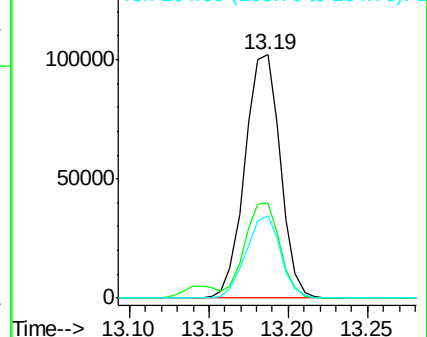
164 33.9 27.0 40.6

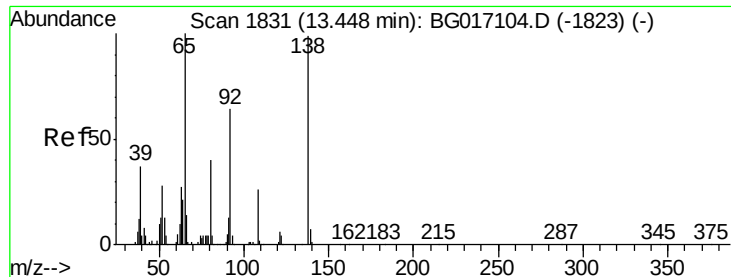


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

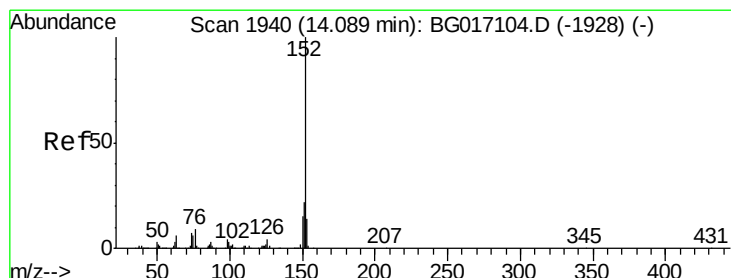
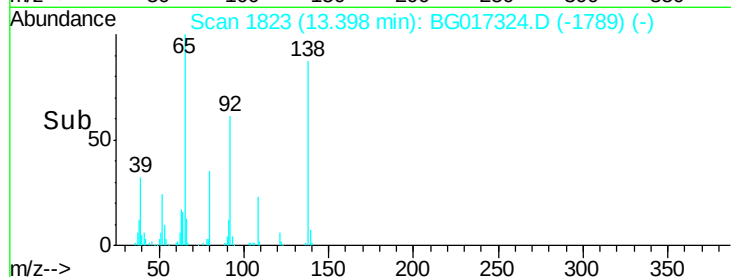
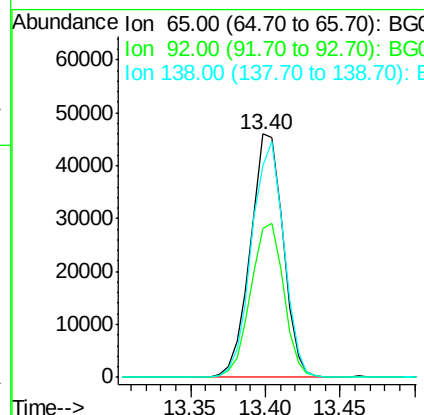
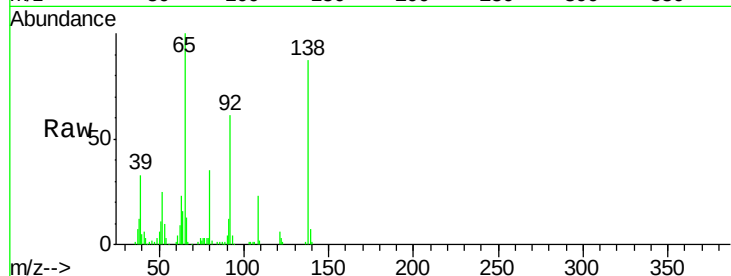




#47  
 2-Nitroaniline  
 Concen: 50.85 ng  
 RT: 13.40 min Scan# 1823  
 Delta R.T. -0.00 min  
 Lab File: BG017324.D  
 Acq: 28 May 2015 14:30

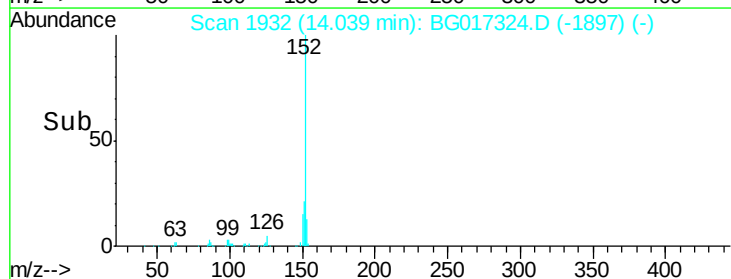
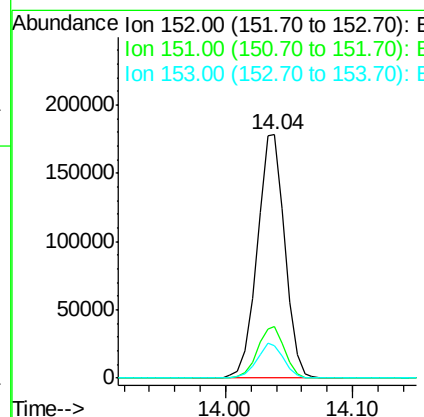
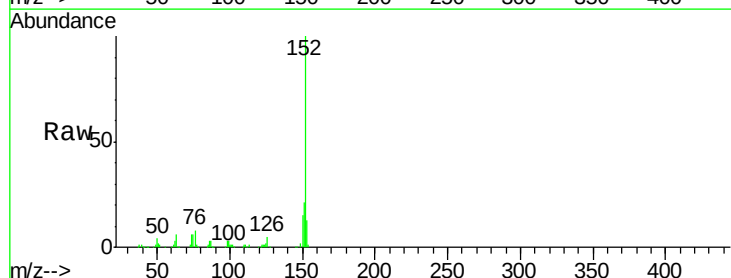
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-18-D13MS

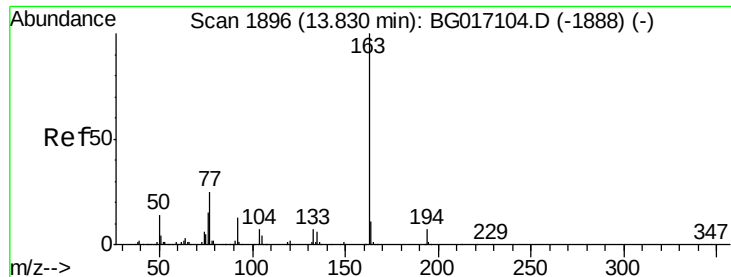
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 61.3  | 51.0  | 76.4  |
| 138     | 86.8  | 79.3  | 118.9 |



#48  
 Acenaphthylene  
 Concen: 44.92 ng  
 RT: 14.04 min Scan# 1932  
 Delta R.T. 0.00 min  
 Lab File: BG017324.D  
 Acq: 28 May 2015 14:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 21.1  | 17.2  | 25.8  |
| 153     | 13.4  | 10.8  | 16.2  |





#49

Dimethylphthalate

Concen: 55.72 ng

RT: 13.78 min Scan# 1888

Delta R.T. -0.00 min

Lab File: BG017324.D

Acq: 28 May 2015 14:30

Instrument :

BNA\_G

ClientSampleId :

TP-18-D13MS

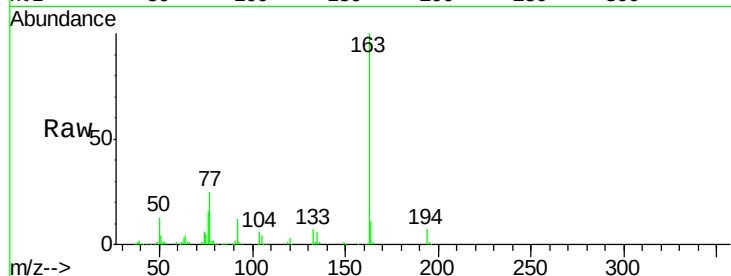
Tgt Ion:163 Resp: 268143

Ion Ratio Lower Upper

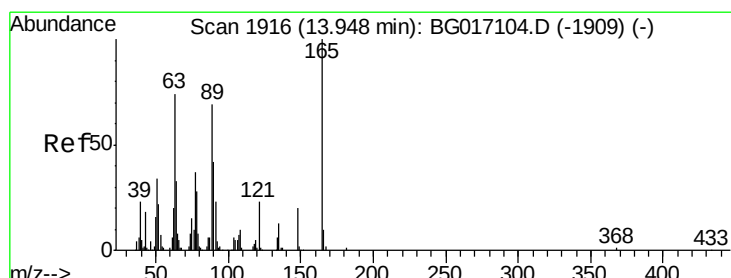
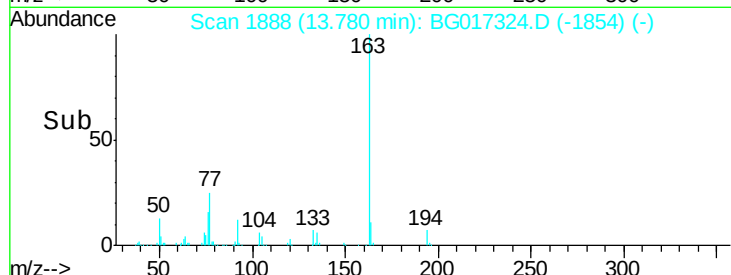
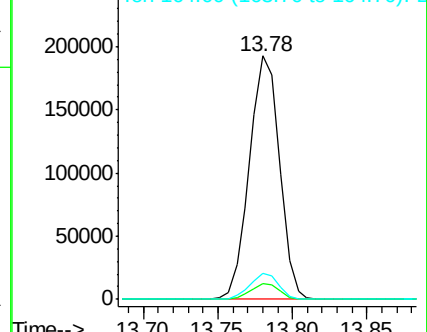
163 100

194 6.6 5.6 8.4

164 10.5 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: 49.44 ng

RT: 13.90 min Scan# 1909

Delta R.T. 0.00 min

Lab File: BG017324.D

Acq: 28 May 2015 14:30

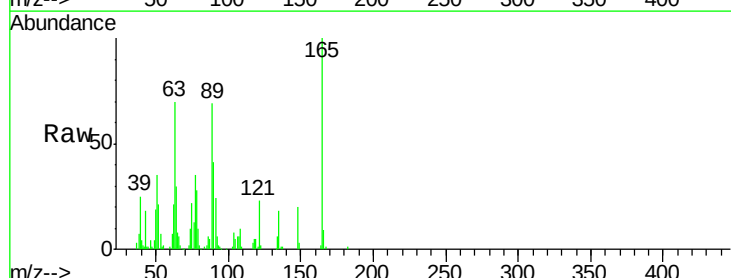
Tgt Ion:165 Resp: 52726

Ion Ratio Lower Upper

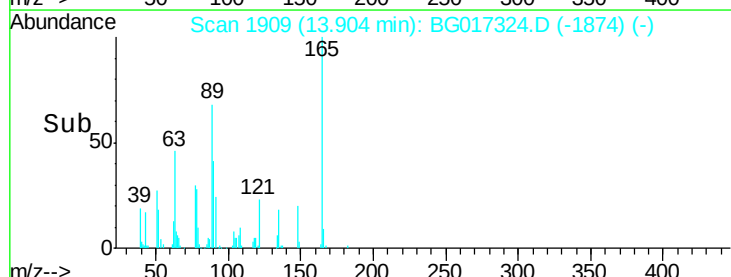
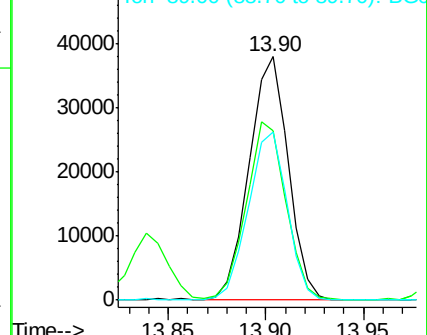
165 100

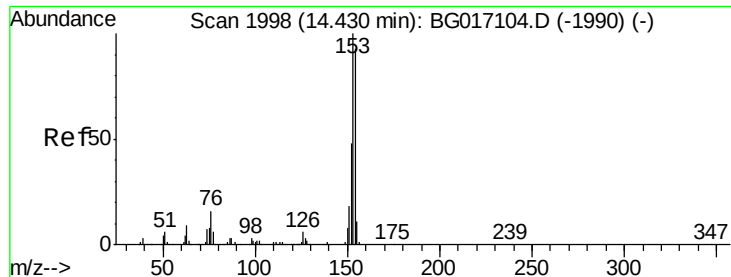
63 69.8 60.6 90.8

89 69.0 55.0 82.6



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BG  
Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 44.35 ng

RT: 14.38 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BG017324.D

Acq: 28 May 2015 14:30

Instrument :

BNA\_G

ClientSampleId :

TP-18-D13MS

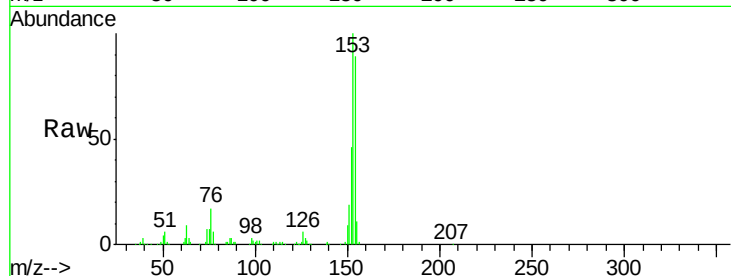
Tgt Ion:154 Resp: 157471

Ion Ratio Lower Upper

154 100

153 112.9 86.2 129.4

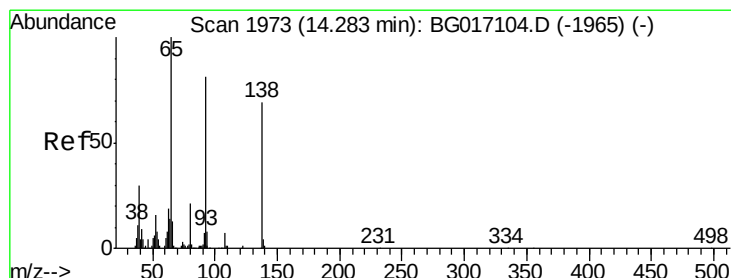
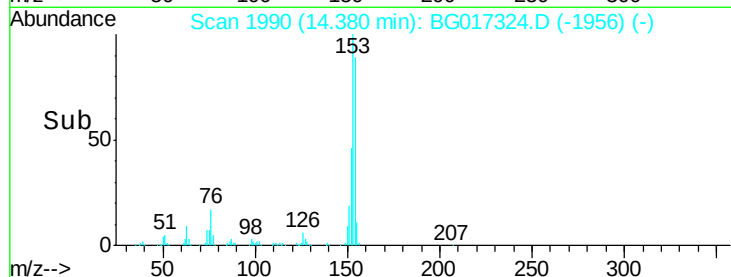
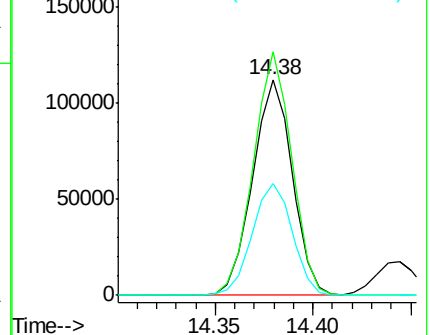
152 52.1 41.5 62.3



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: 36.71 ng

RT: 14.23 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BG017324.D

Acq: 28 May 2015 14:30

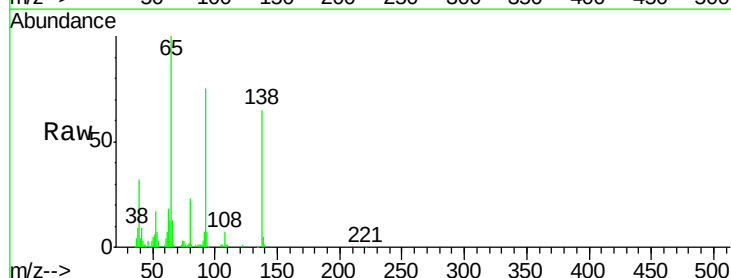
Tgt Ion:138 Resp: 43431

Ion Ratio Lower Upper

138 100

108 10.2 7.6 11.4

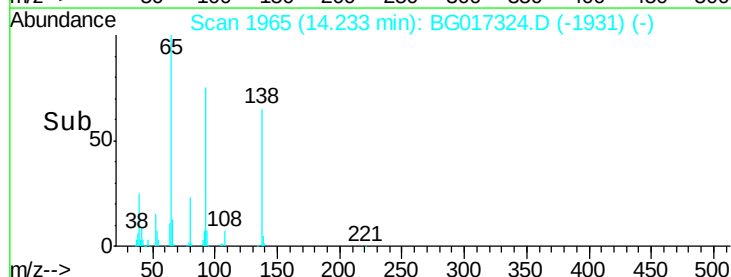
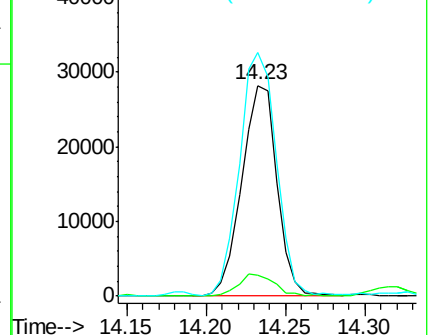
92 115.5 93.6 140.4

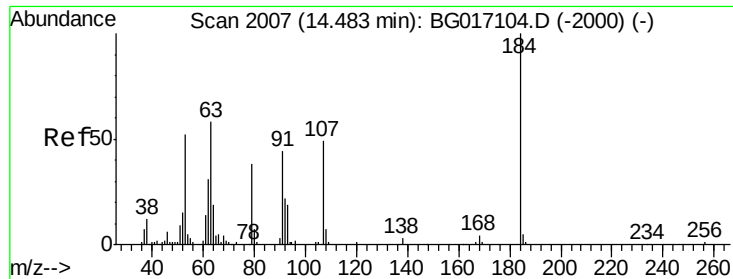


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGO

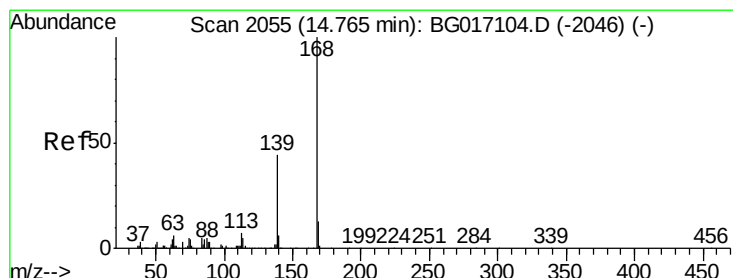
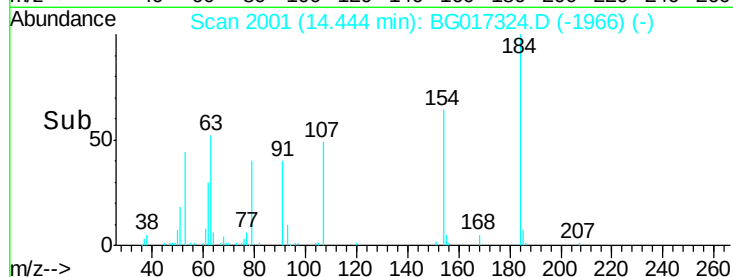
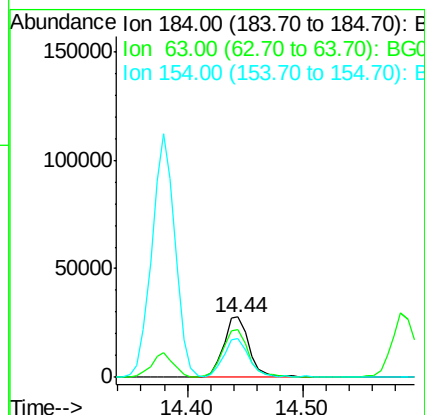
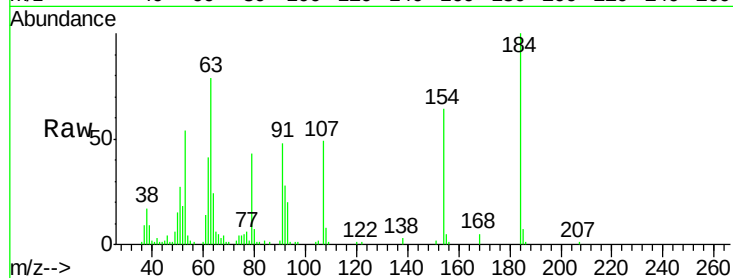




#53  
2,4-Dinitrophenol  
Concen: 69.62 ng  
RT: 14.44 min Scan# 2001  
Delta R.T. 0.00 min  
Lab File: BG017324.D  
Acq: 28 May 2015 14:30

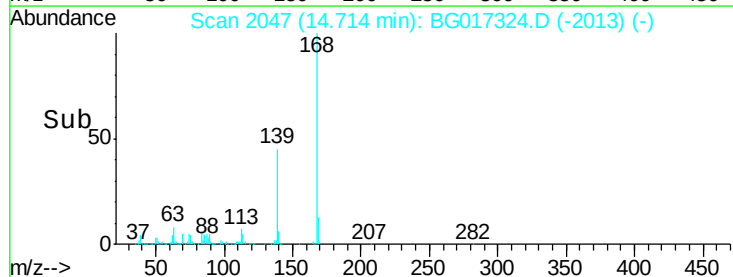
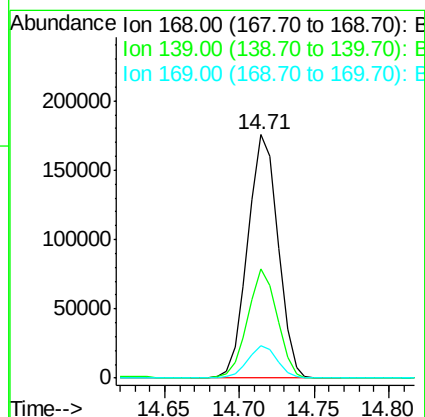
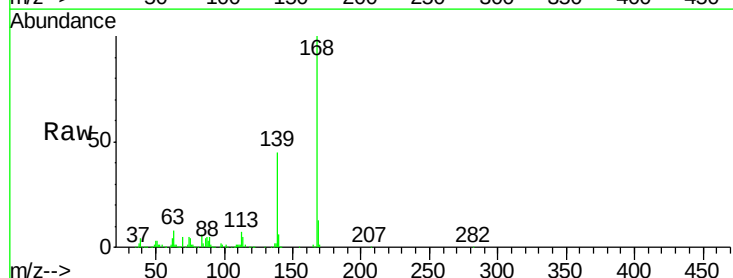
Instrument :  
BNA\_G  
ClientSampleId :  
TP-18-D13MS

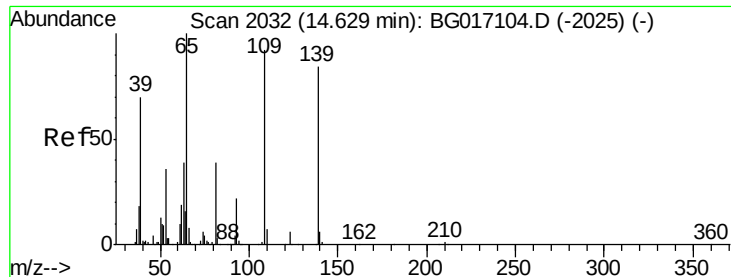
Tgt Ion:184 Resp: 43106  
Ion Ratio Lower Upper  
184 100  
63 78.7 63.6 95.4  
154 63.7 47.8 71.6



#54  
Dibenzofuran  
Concen: 46.51 ng  
RT: 14.71 min Scan# 2047  
Delta R.T. -0.00 min  
Lab File: BG017324.D  
Acq: 28 May 2015 14:30

Tgt Ion:168 Resp: 245507  
Ion Ratio Lower Upper  
168 100  
139 44.9 34.9 52.3  
169 13.4 10.5 15.7

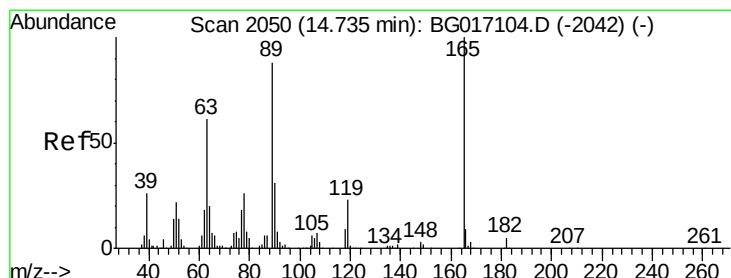
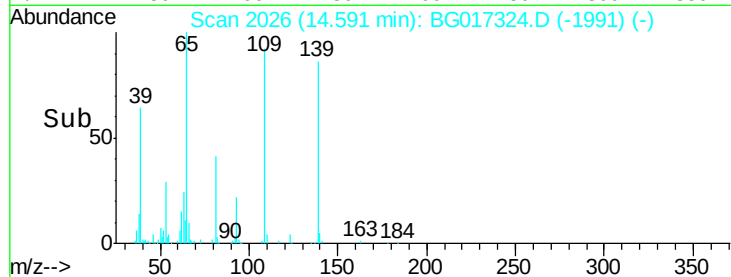
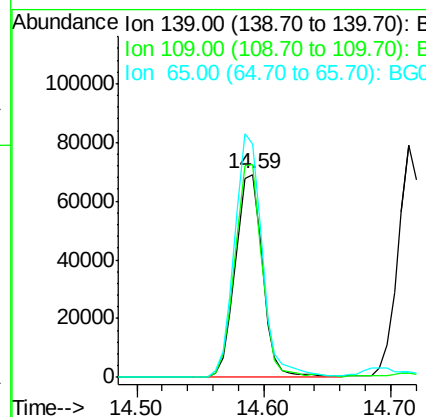
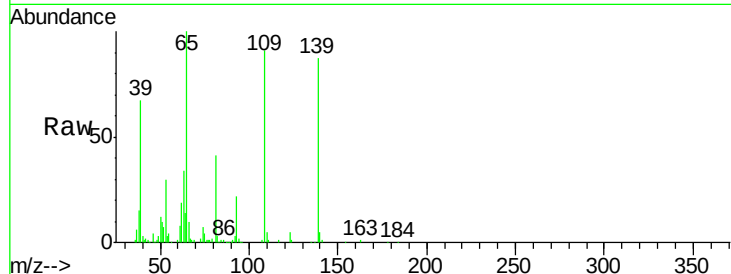




#55  
4-Nitrophenol  
Concen: 107.94 ng  
RT: 14.59 min Scan# 2026  
Delta R.T. 0.00 min  
Lab File: BG017324.D  
Acq: 28 May 2015 14:30

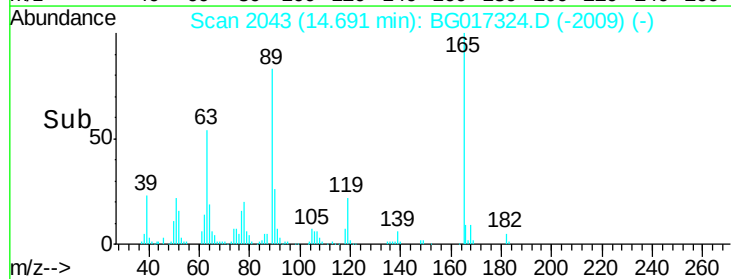
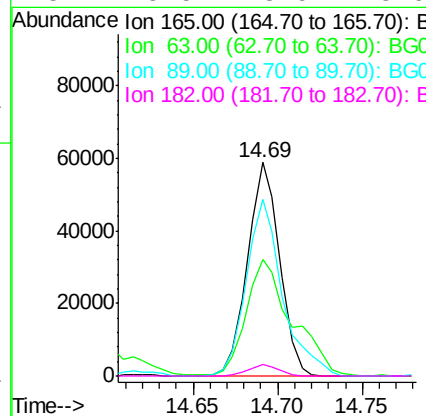
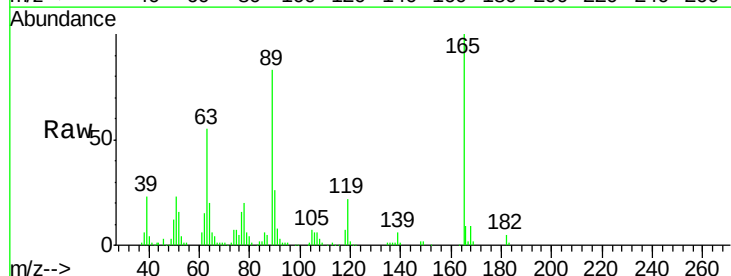
Instrument :  
BNA\_G  
ClientSampleId :  
TP-18-D13MS

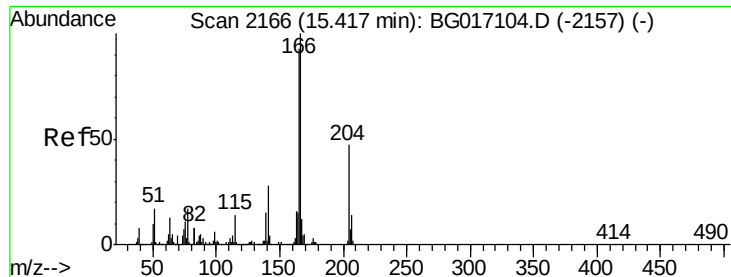
Tgt Ion:139 Resp: 102829  
Ion Ratio Lower Upper  
139 100  
109 104.9 90.5 130.5  
65 115.1 99.9 139.9



#56  
2,4-Dinitrotoluene  
Concen: 52.41 ng  
RT: 14.69 min Scan# 2043  
Delta R.T. -0.00 min  
Lab File: BG017324.D  
Acq: 28 May 2015 14:30

Tgt Ion:165 Resp: 77960  
Ion Ratio Lower Upper  
165 100  
63 54.5 49.0 73.4  
89 82.9 70.1 105.1  
182 5.5 3.9 5.9





#57

Fluorene

Concen: 45.75 ng

RT: 15.37 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BG017324.D

Acq: 28 May 2015 14:30

Instrument :

BNA\_G

ClientSampleId :

TP-18-D13MS

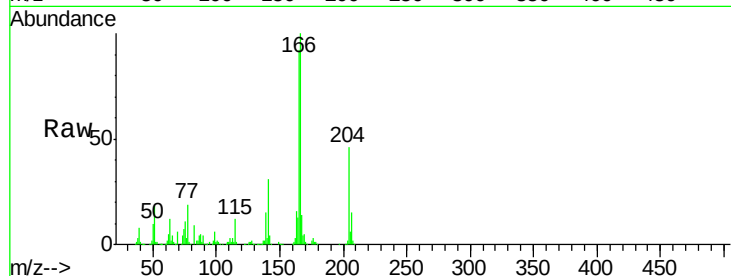
Tgt Ion:166 Resp: 213751

Ion Ratio Lower Upper

166 100

165 91.9 74.2 111.4

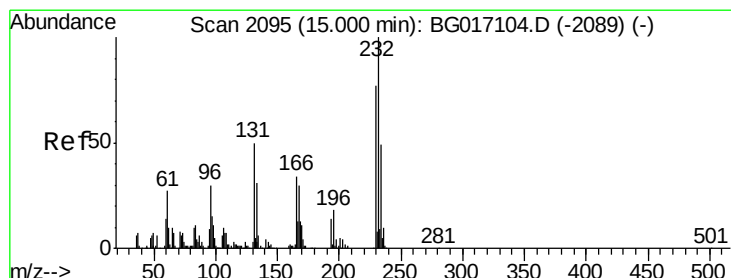
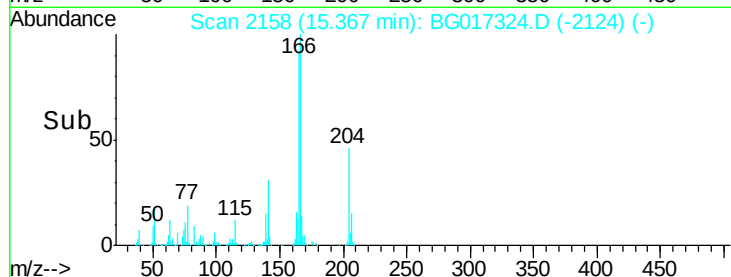
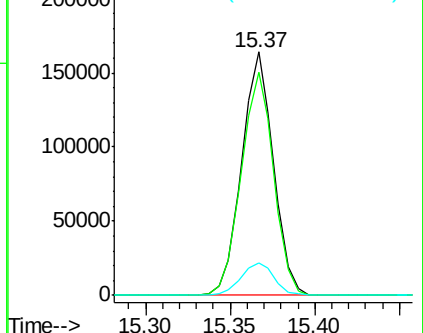
167 13.6 9.8 14.8



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: 53.94 ng

RT: 14.95 min Scan# 2087

Delta R.T. -0.00 min

Lab File: BG017324.D

Acq: 28 May 2015 14:30

Tgt Ion:232 Resp: 63001

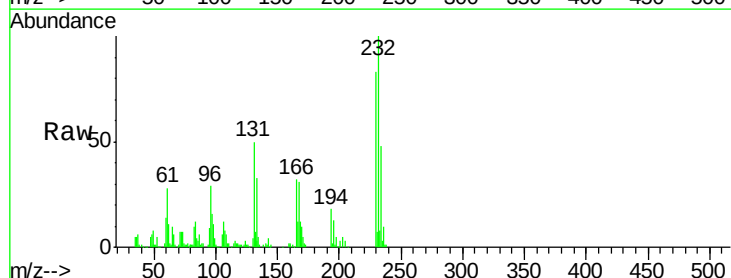
Ion Ratio Lower Upper

232 100

131 48.9 42.7 64.1

130 3.4 3.0 4.4

166 30.6 25.7 38.5

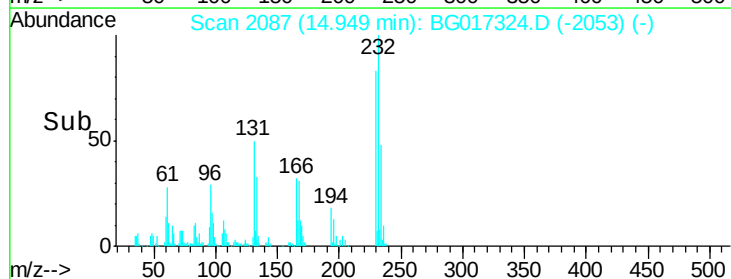
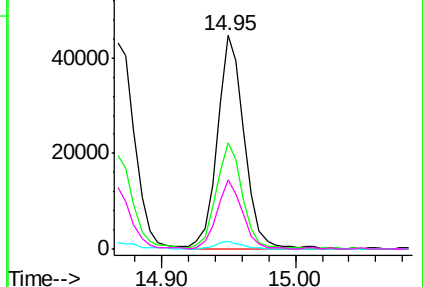


Abundance Ion 232.00 (231.70 to 232.70): E

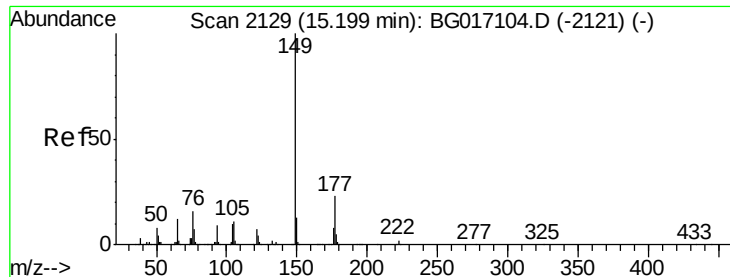
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



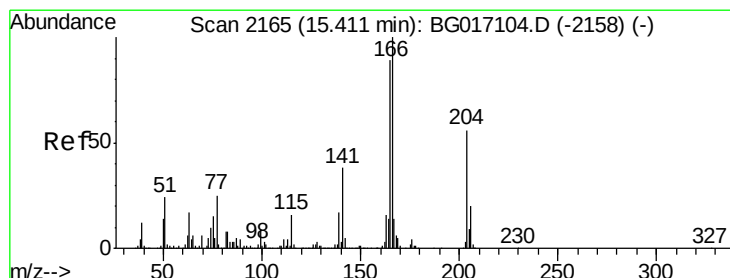
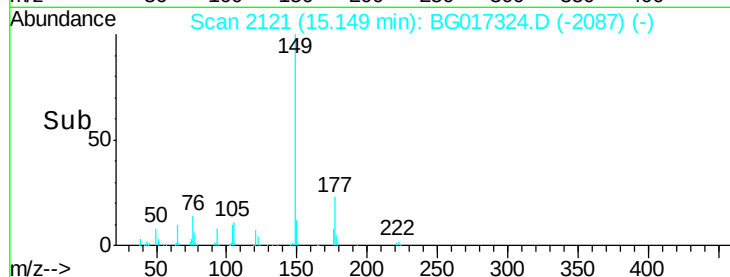
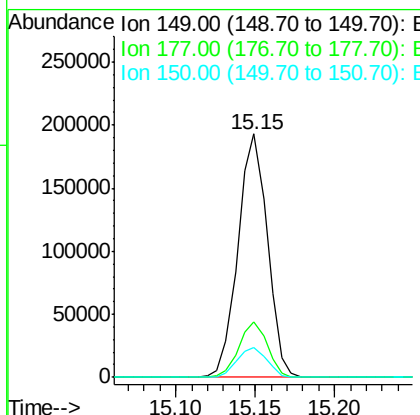
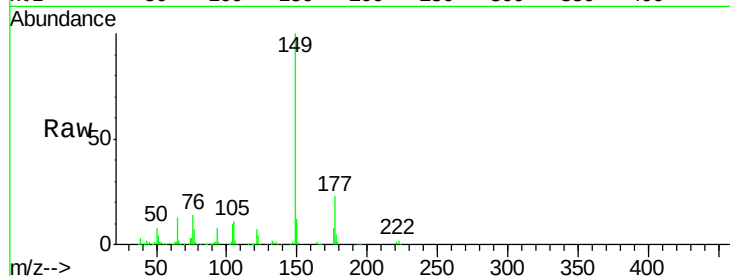




#59  
Diethylphthalate  
Concen: 47.91 ng  
RT: 15.15 min Scan# 2121  
Delta R.T. -0.00 min  
Lab File: BG017324.D  
Acq: 28 May 2015 14:30

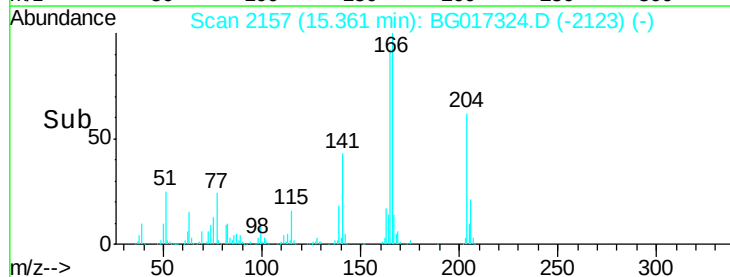
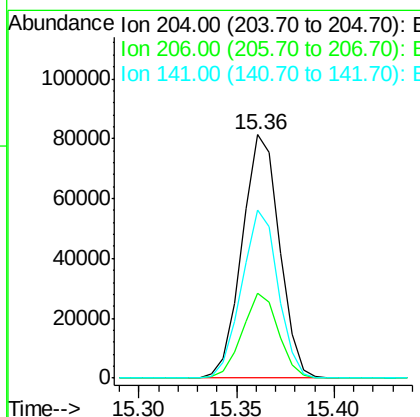
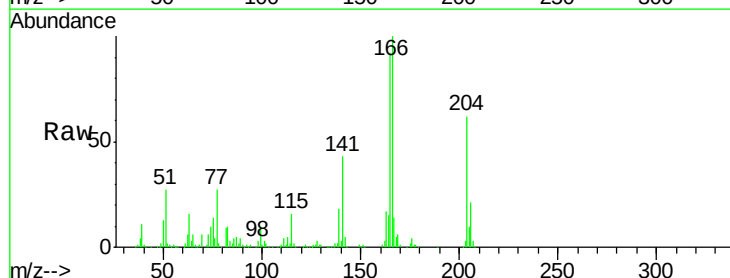
Instrument :  
BNA\_G  
ClientSampleId :  
TP-18-D13MS

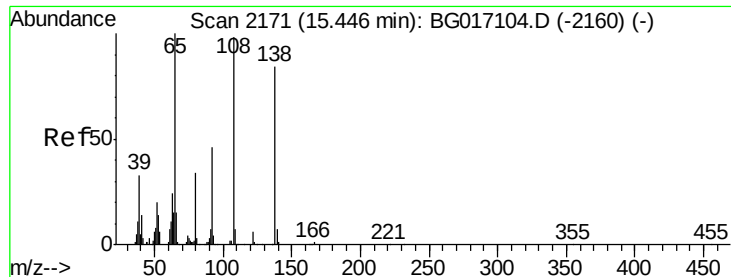
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 22.9  | 18.3  | 27.5  |
| 150     | 12.3  | 10.4  | 15.6  |



#60  
4-Chlorophenyl-phenylether  
Concen: 44.87 ng  
RT: 15.36 min Scan# 2157  
Delta R.T. -0.00 min  
Lab File: BG017324.D  
Acq: 28 May 2015 14:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 34.6  | 28.6  | 42.8  |
| 141     | 68.9  | 54.2  | 81.2  |

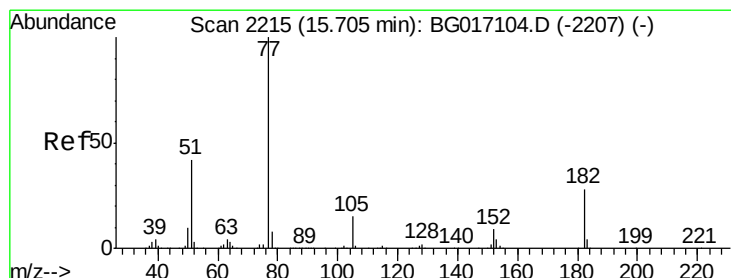
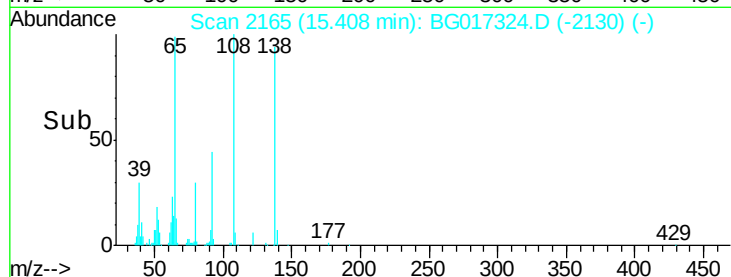
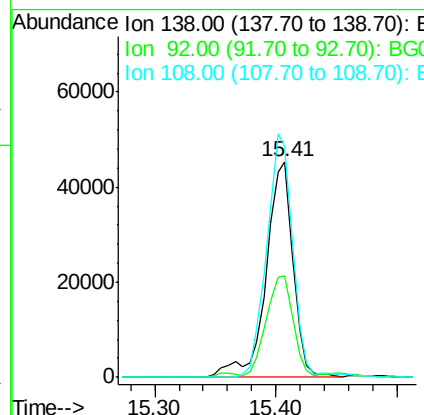
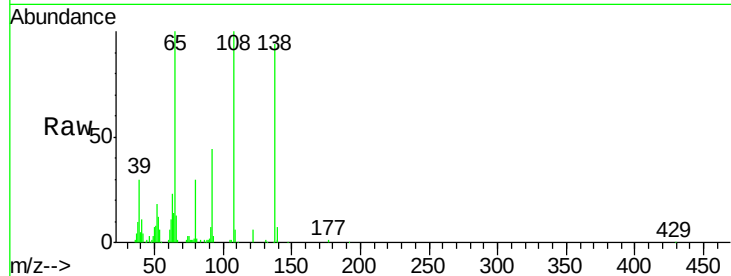




#61  
4-Nitroaniline  
Concen: 53.32 ng  
RT: 15.41 min Scan# 2165  
Delta R.T. 0.00 min  
Lab File: BG017324.D  
Acq: 28 May 2015 14:30

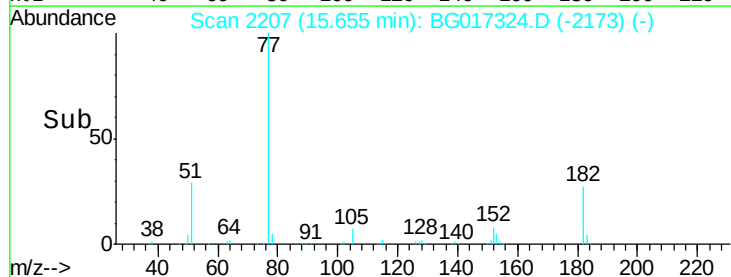
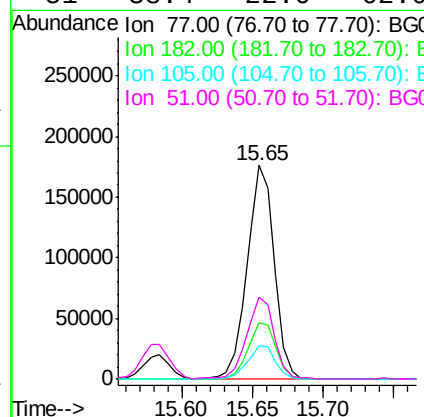
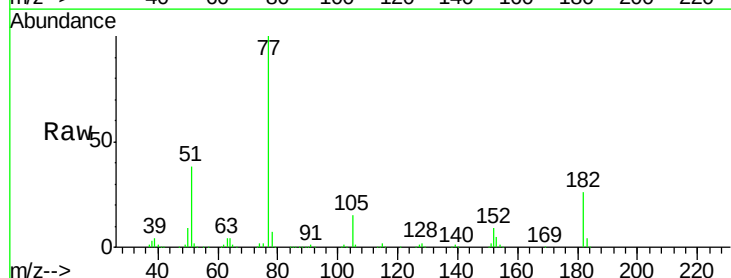
Instrument :  
BNA\_G  
ClientSampleId :  
TP-18-D13MS

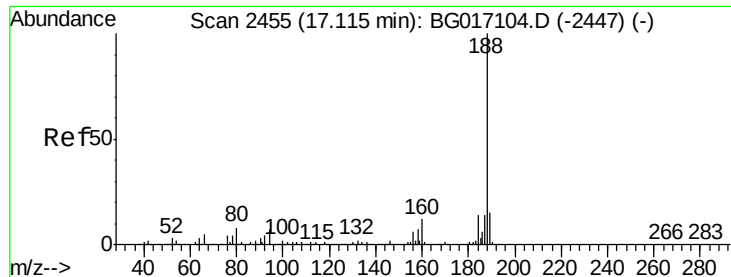
Tgt Ion:138 Resp: 70384  
Ion Ratio Lower Upper  
138 100  
92 46.9 34.9 74.9  
108 106.6 95.8 135.8



#62  
Azobenzene  
Concen: 47.57 ng  
RT: 15.65 min Scan# 2207  
Delta R.T. -0.00 min  
Lab File: BG017324.D  
Acq: 28 May 2015 14:30

Tgt Ion: 77 Resp: 234914  
Ion Ratio Lower Upper  
77 100  
182 26.5 8.1 48.1  
105 15.4 0.0 34.8  
51 38.4 22.0 62.0

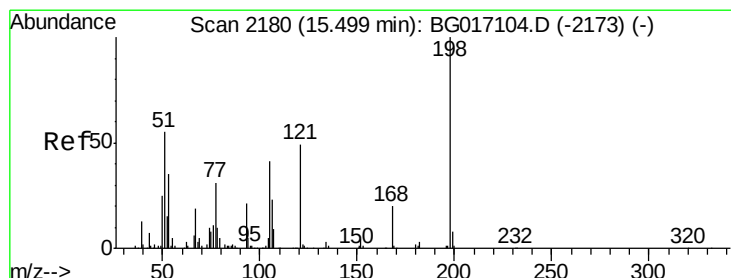
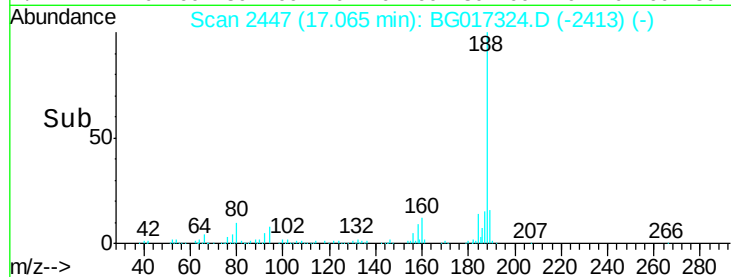
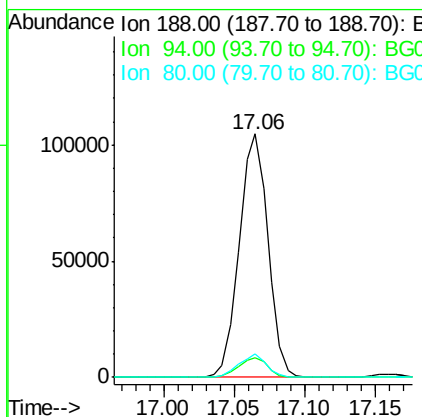
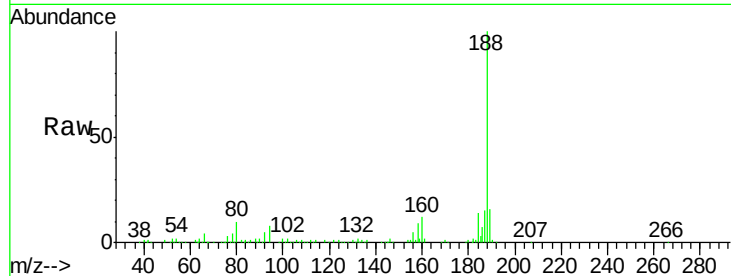




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.06 min Scan# 2447  
Delta R.T. -0.00 min  
Lab File: BG017324.D  
Acq: 28 May 2015 14:30

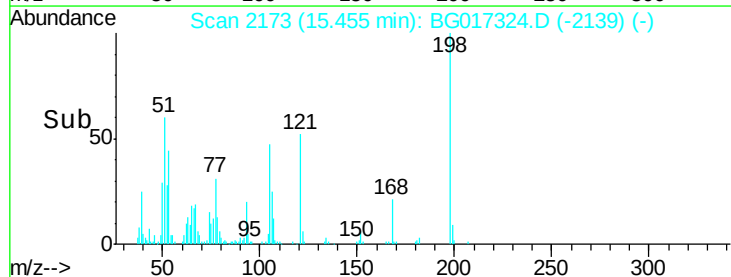
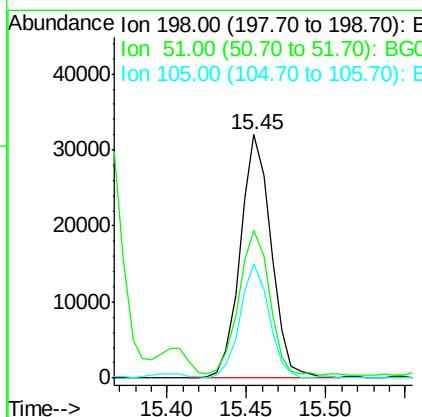
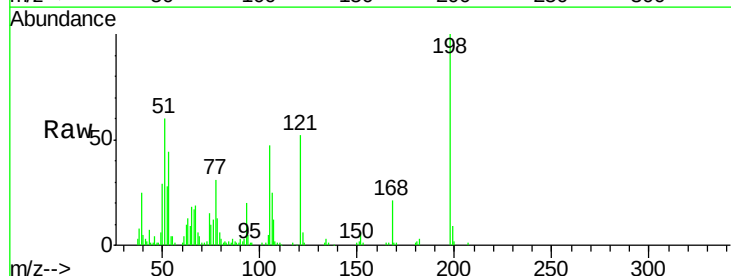
Instrument :  
BNA\_G  
ClientSampleId :  
TP-18-D13MS

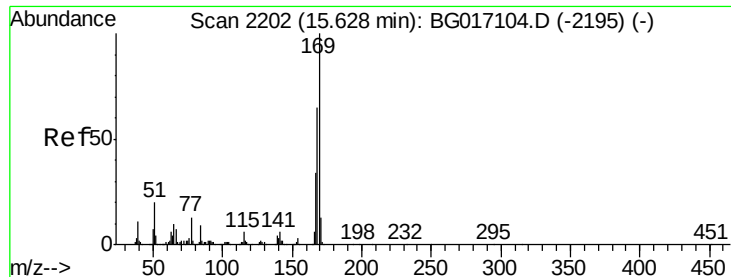
Tgt Ion:188 Resp: 148421  
Ion Ratio Lower Upper  
188 100  
94 7.9 5.8 8.6  
80 9.8 6.5 9.7#



#64  
4,6-Dinitro-2-methylphenol  
Concen: 42.55 ng  
RT: 15.45 min Scan# 2173  
Delta R.T. -0.00 min  
Lab File: BG017324.D  
Acq: 28 May 2015 14:30

Tgt Ion:198 Resp: 43284  
Ion Ratio Lower Upper  
198 100  
51 60.5 39.9 79.9  
105 46.8 22.0 62.0





#65

n-Nitrosodiphenylamine

Concen: 43.27 ng

RT: 15.58 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BG017324.D

Acq: 28 May 2015 14:30

Instrument :

BNA\_G

ClientSampleId :

TP-18-D13MS

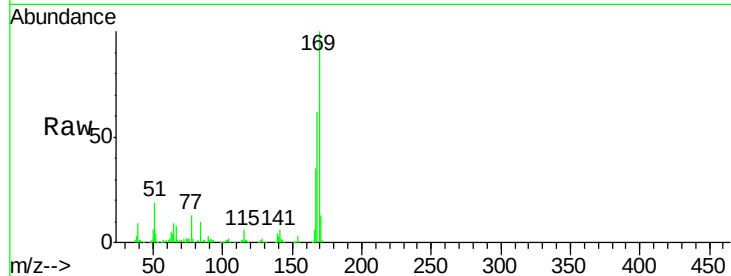
Tgt Ion:169 Resp: 197168

Ion Ratio Lower Upper

169 100

168 61.8 51.7 77.5

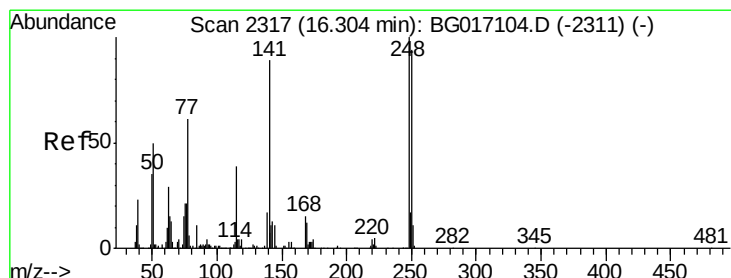
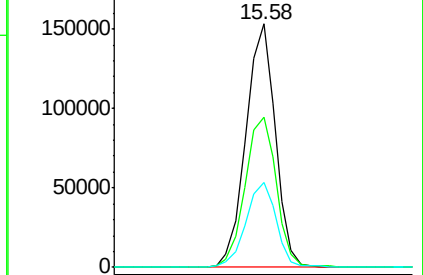
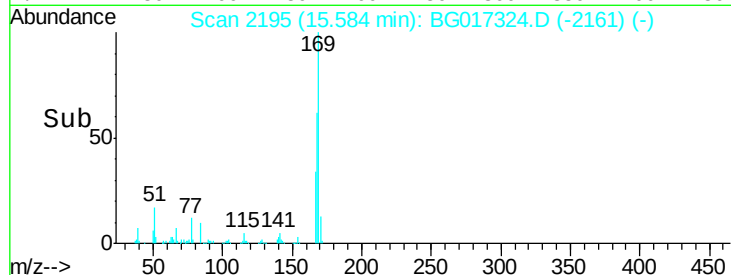
167 34.9 27.4 41.0



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: 42.37 ng

RT: 16.26 min Scan# 2310

Delta R.T. 0.00 min

Lab File: BG017324.D

Acq: 28 May 2015 14:30

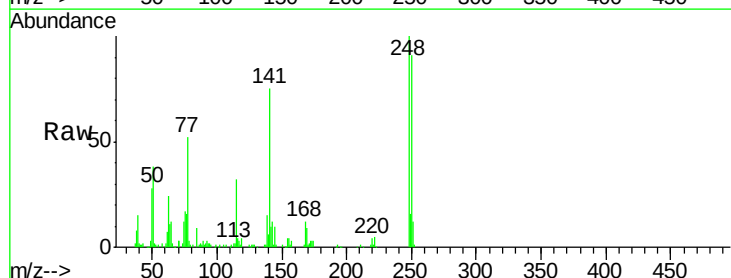
Tgt Ion:248 Resp: 68592

Ion Ratio Lower Upper

248 100

250 90.9 75.0 112.4

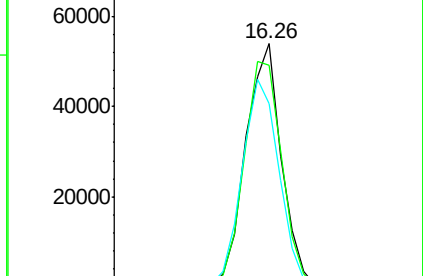
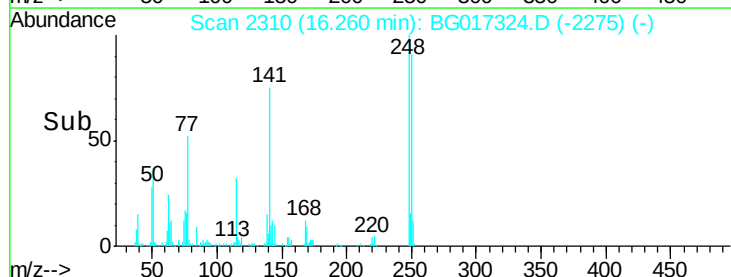
141 75.4 71.3 106.9

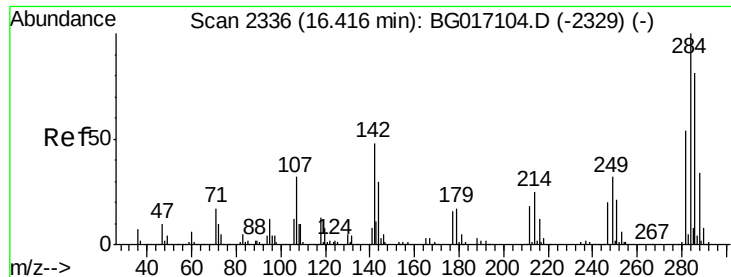


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.81 ng

RT: 16.37 min Scan# 2329

Delta R.T. -0.00 min

Lab File: BG017324.D

Acq: 28 May 2015 14:30

Instrument :

BNA\_G

ClientSampleId :

TP-18-D13MS

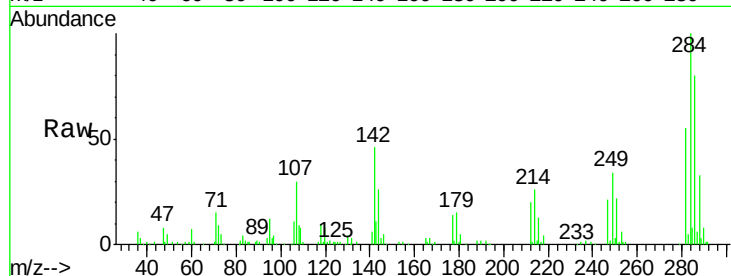
Tgt Ion:284 Resp: 73119

Ion Ratio Lower Upper

284 100

142 45.8 38.2 57.2

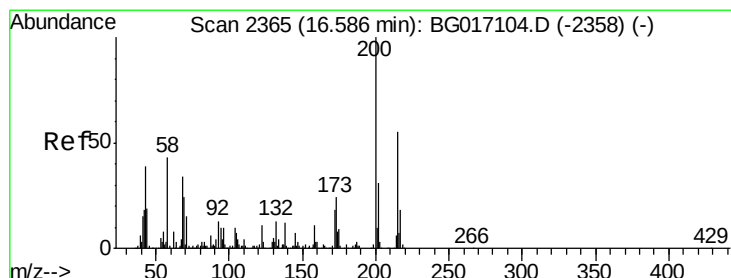
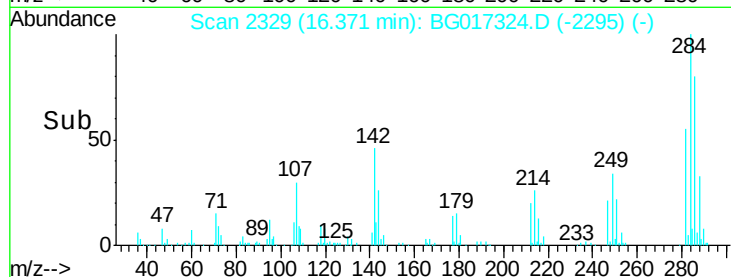
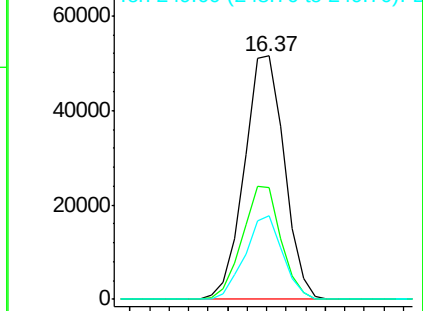
249 34.2 25.2 37.8



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: 54.30 ng

RT: 16.54 min Scan# 2357

Delta R.T. -0.00 min

Lab File: BG017324.D

Acq: 28 May 2015 14:30

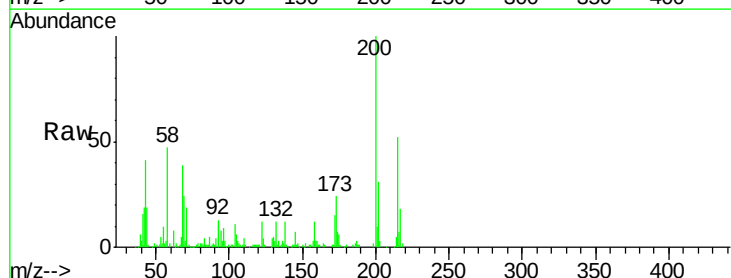
Tgt Ion:200 Resp: 90509

Ion Ratio Lower Upper

200 100

173 23.9 3.7 43.7

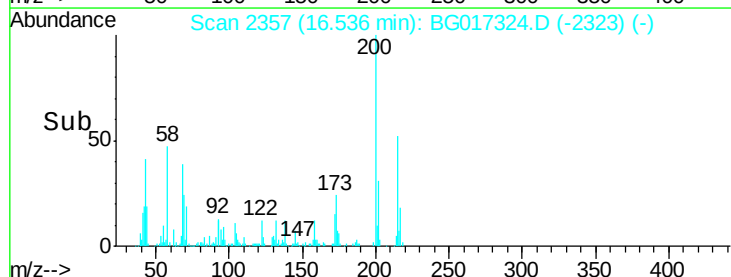
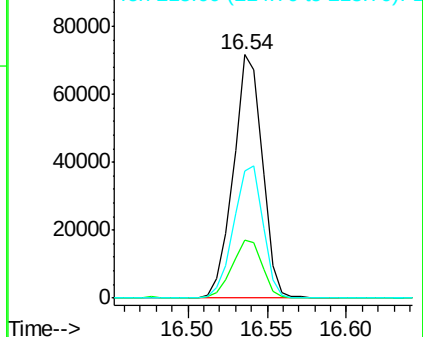
215 52.0 35.5 75.5

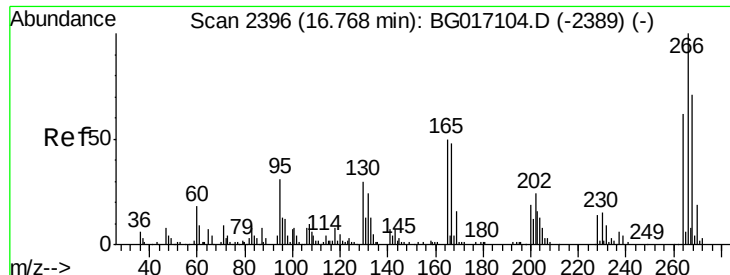


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

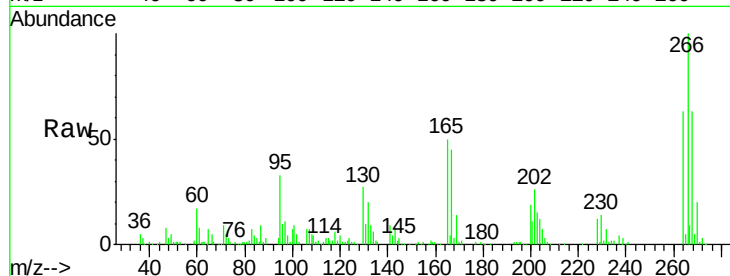




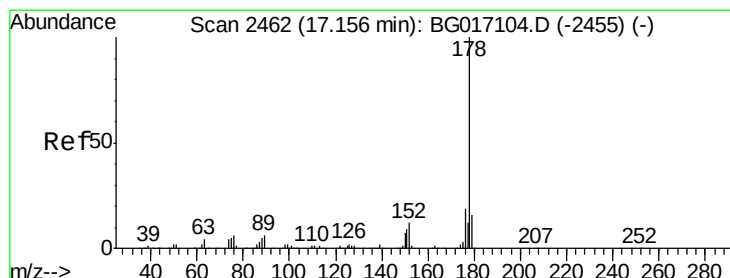
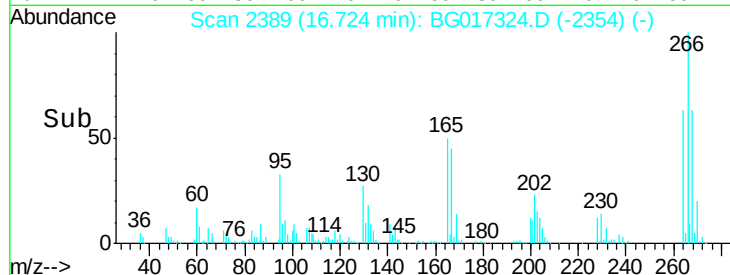
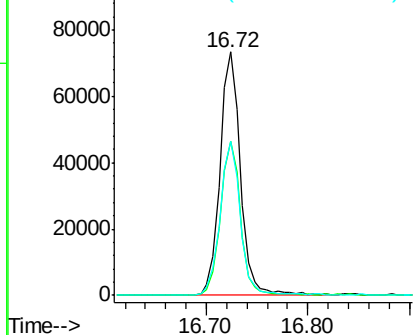
#69  
 Pentachlorophenol  
 Concen: 96.71 ng  
 RT: 16.72 min Scan# 2389  
 Delta R.T. 0.00 min  
 Lab File: BG017324.D  
 Acq: 28 May 2015 14:30

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-18-D13MS

Tgt Ion:266 Resp: 103127  
 Ion Ratio Lower Upper  
 266 100  
 268 63.1 56.6 84.8  
 264 63.1 49.4 74.0

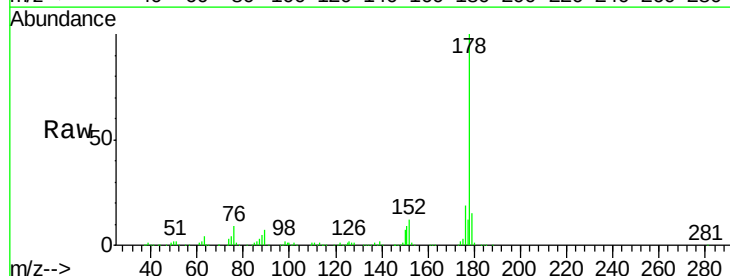


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

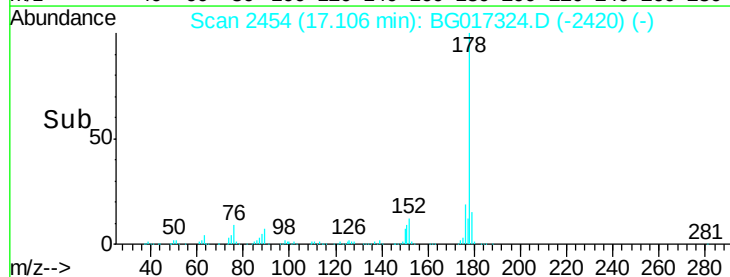
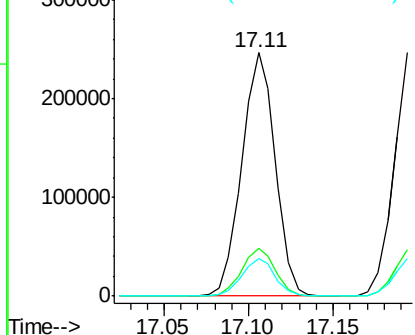


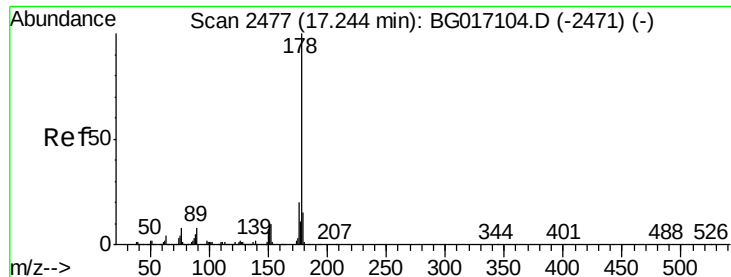
#70  
 Phenanthrene  
 Concen: 44.17 ng  
 RT: 17.11 min Scan# 2454  
 Delta R.T. -0.00 min  
 Lab File: BG017324.D  
 Acq: 28 May 2015 14:30

Tgt Ion:178 Resp: 338081  
 Ion Ratio Lower Upper  
 178 100  
 176 19.5 15.4 23.2  
 179 15.2 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: 44.75 ng

RT: 17.20 min Scan# 2470

Delta R.T. 0.00 min

Lab File: BG017324.D

Acq: 28 May 2015 14:30

Instrument :

BNA\_G

ClientSampleId :

TP-18-D13MS

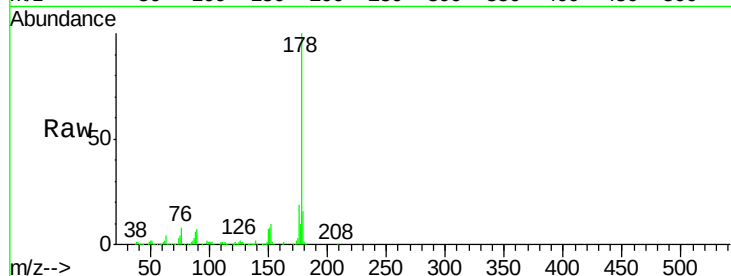
Tgt Ion:178 Resp: 347076

Ion Ratio Lower Upper

178 100

176 19.3 16.3 24.5

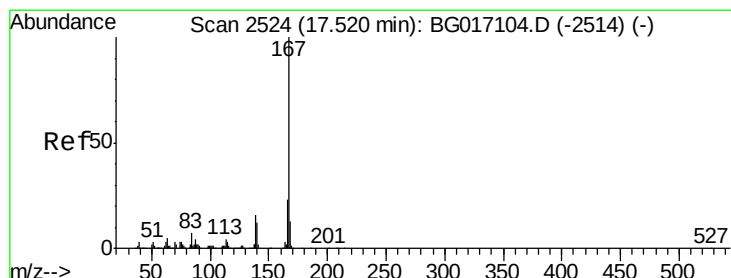
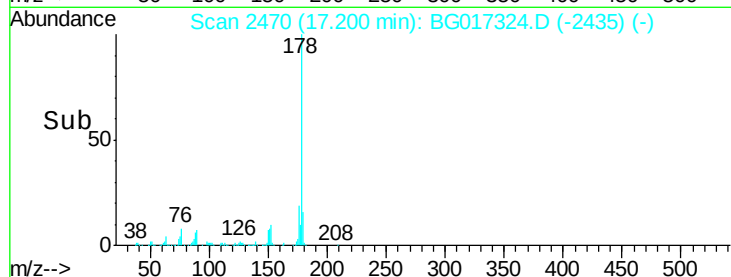
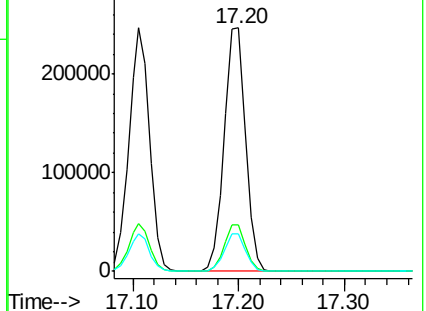
179 15.5 12.1 18.1



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: 50.22 ng

RT: 17.48 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BG017324.D

Acq: 28 May 2015 14:30

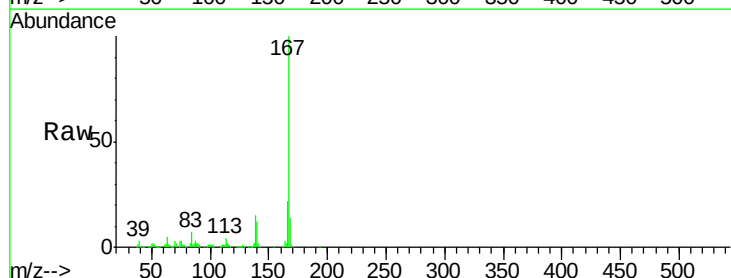
Tgt Ion:167 Resp: 357927

Ion Ratio Lower Upper

167 100

166 22.3 18.4 27.6

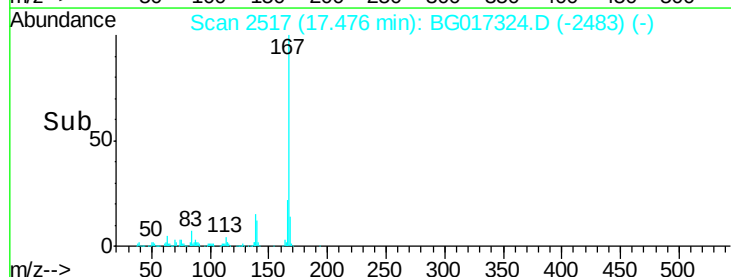
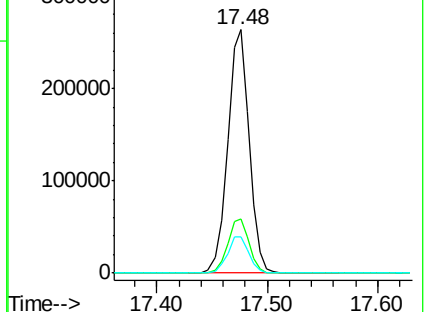
139 14.8 13.0 19.4

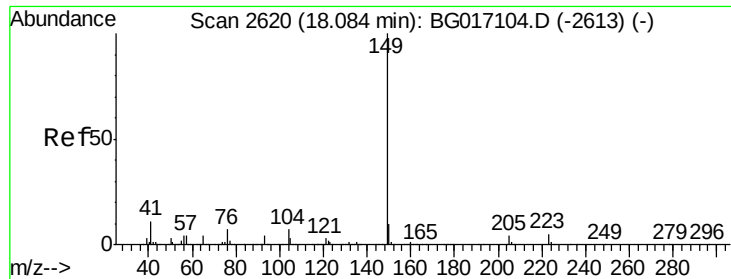


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

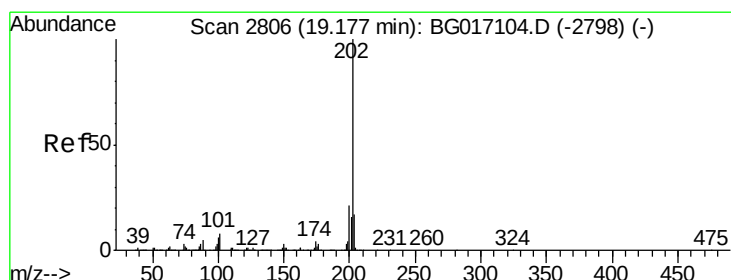
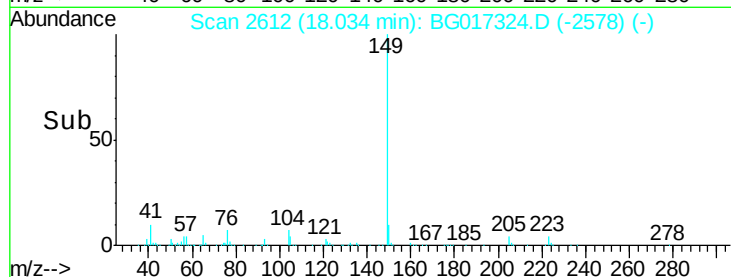
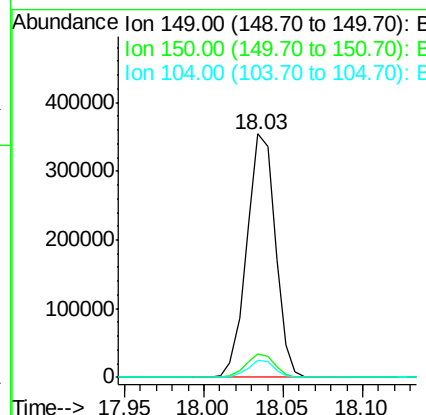
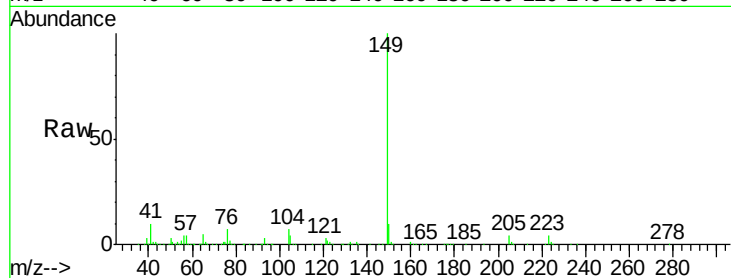




#73  
Di-n-butylphthalate  
Concen: 46.53 ng  
RT: 18.03 min Scan# 2612  
Delta R.T. -0.00 min  
Lab File: BG017324.D  
Acq: 28 May 2015 14:30

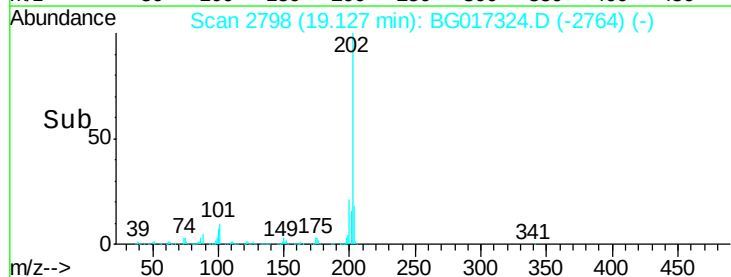
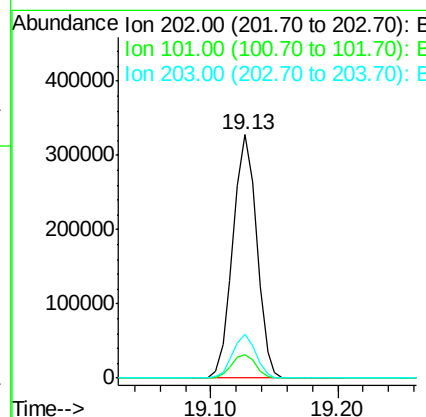
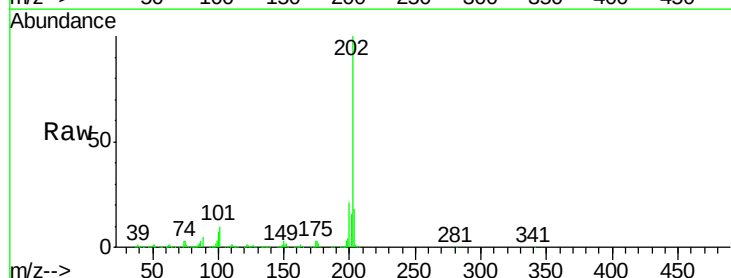
Instrument :  
BNA\_G  
ClientSampleId :  
TP-18-D13MS

Tgt Ion:149 Resp: 443744  
Ion Ratio Lower Upper  
149 100  
150 9.6 8.2 12.4  
104 7.0 5.7 8.5

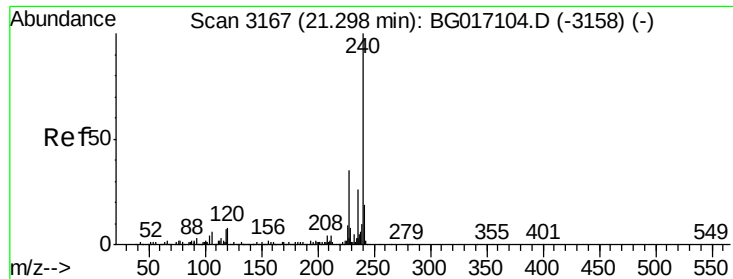


#74  
Fluoranthene  
Concen: 46.52 ng  
RT: 19.13 min Scan# 2798  
Delta R.T. -0.00 min  
Lab File: BG017324.D  
Acq: 28 May 2015 14:30

Tgt Ion:202 Resp: 427559  
Ion Ratio Lower Upper  
202 100  
101 9.7 0.0 28.3  
203 17.8 0.0 37.4







#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.25 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BG017324.D

Acq: 28 May 2015 14:30

Instrument :

BNA\_G

ClientSampleId :

TP-18-D13MS

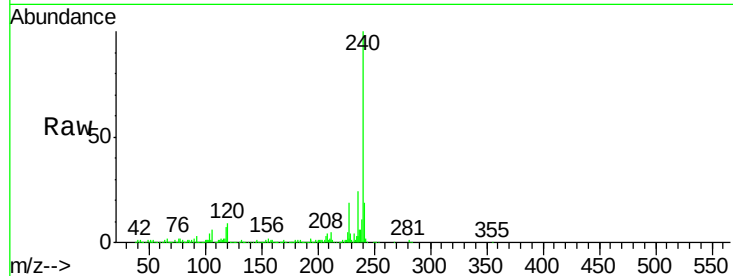
Tgt Ion:240 Resp: 177102

Ion Ratio Lower Upper

240 100

120 8.7 6.0 9.0

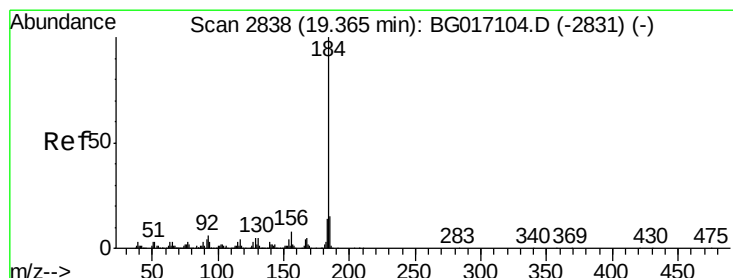
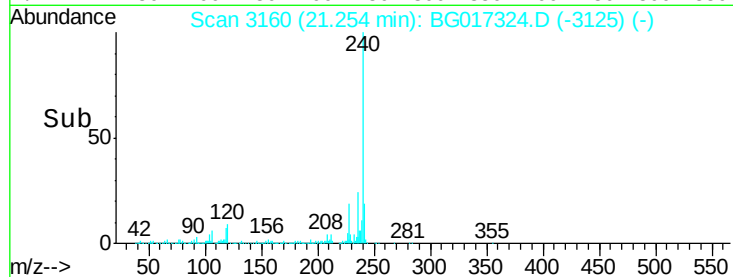
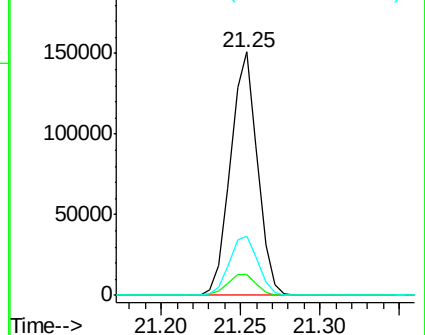
236 24.4 20.5 30.7



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: 40.38 ng

RT: 19.32 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BG017324.D

Acq: 28 May 2015 14:30

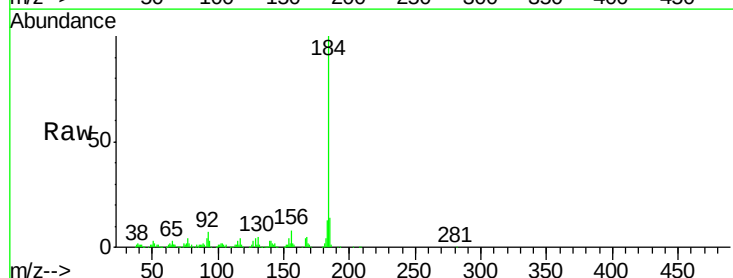
Tgt Ion:184 Resp: 233496

Ion Ratio Lower Upper

184 100

185 14.4 12.4 18.6

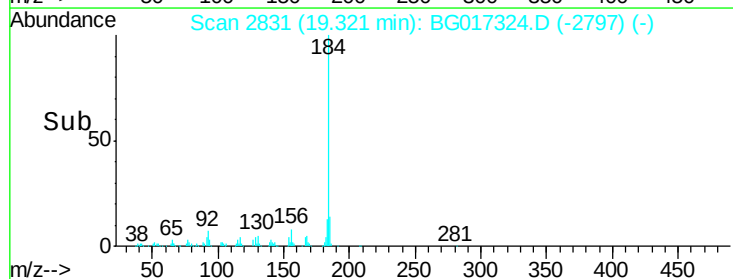
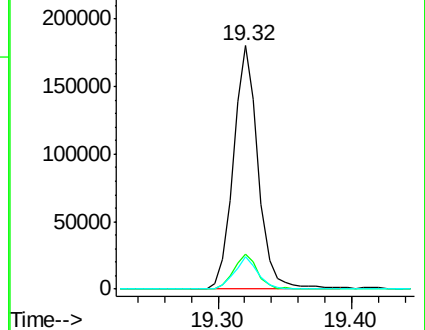
183 13.1 11.4 17.2

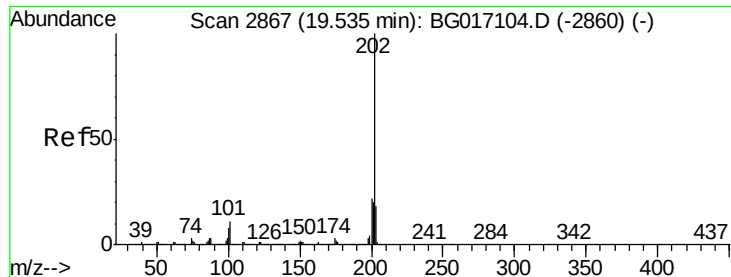


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

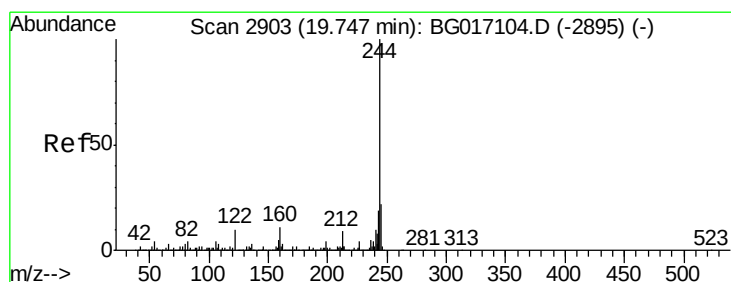
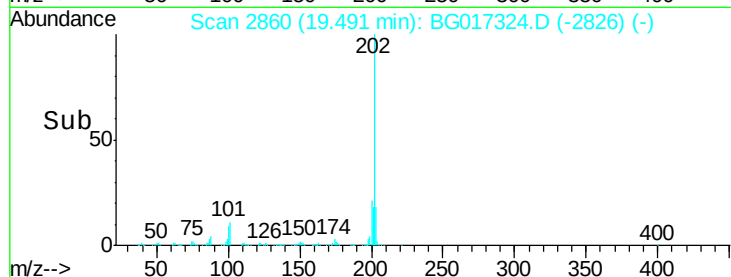
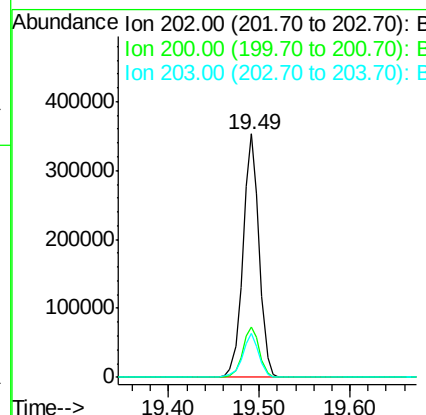
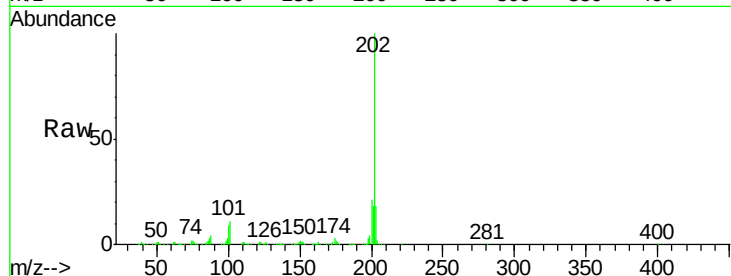




#77  
 Pyrene  
 Concen: 40.35 ng  
 RT: 19.49 min Scan# 2860  
 Delta R.T. -0.00 min  
 Lab File: BG017324.D  
 Acq: 28 May 2015 14:30

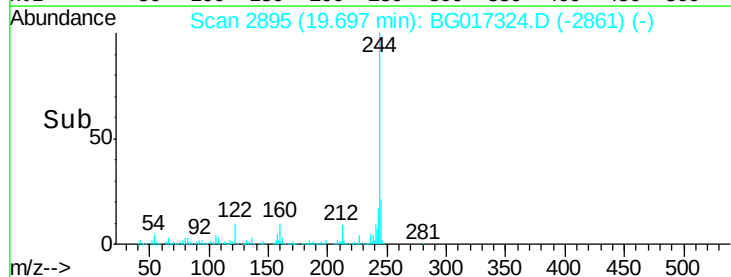
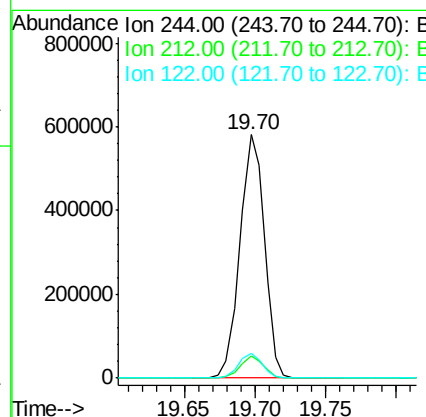
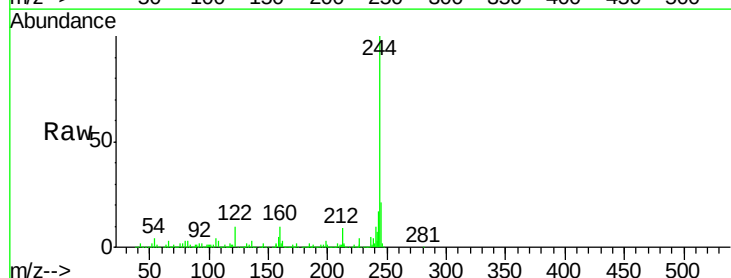
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-18-D13MS

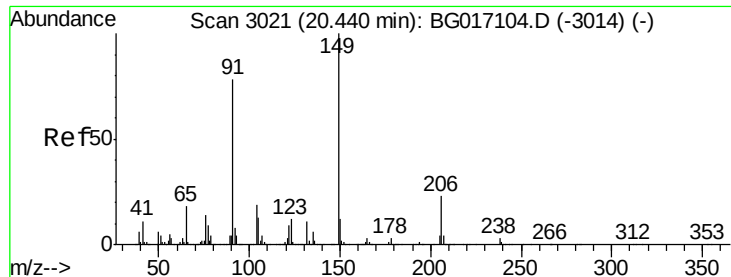
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 202   | Resp: | 438395 |
| Ion      | Ratio | Lower | Upper  |
| 202      | 100   |       |        |
| 200      | 20.6  | 17.8  | 26.8   |
| 203      | 17.8  | 14.4  | 21.6   |



#78  
 Terphenyl-d14  
 Concen: 82.89 ng  
 RT: 19.70 min Scan# 2895  
 Delta R.T. -0.00 min  
 Lab File: BG017324.D  
 Acq: 28 May 2015 14:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 244   | Resp: | 704448 |
| Ion      | Ratio | Lower | Upper  |
| 244      | 100   |       |        |
| 212      | 8.9   | 7.0   | 10.4   |
| 122      | 10.2  | 8.4   | 12.6   |

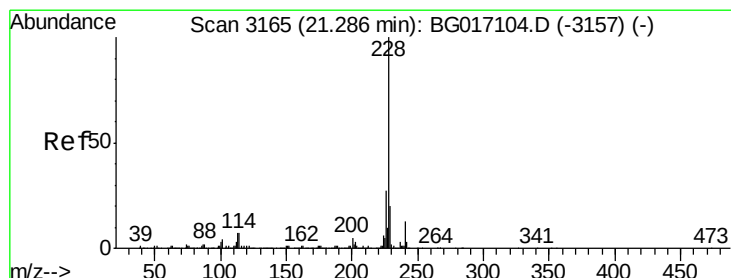
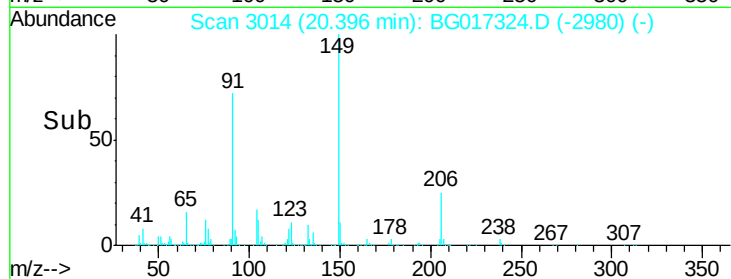
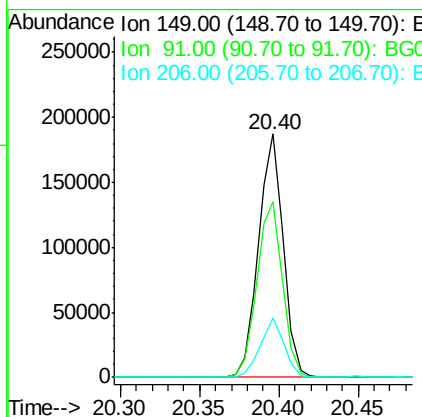
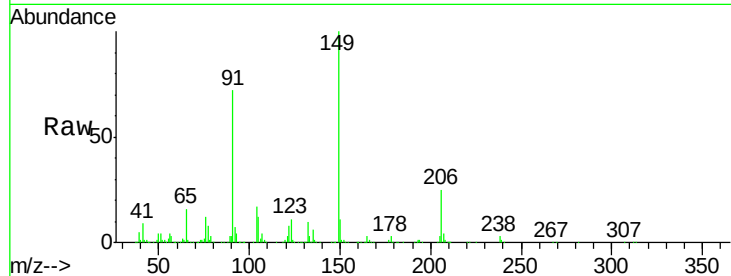




#79  
Butylbenzylphthalate  
Concen: 41.25 ng  
RT: 20.40 min Scan# 3014  
Delta R.T. -0.00 min  
Lab File: BG017324.D  
Acq: 28 May 2015 14:30

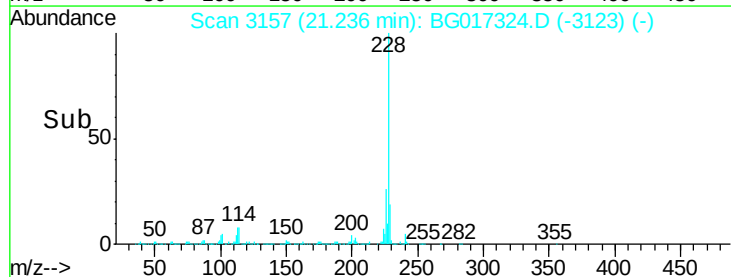
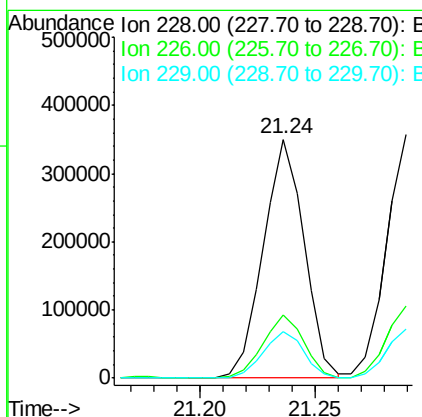
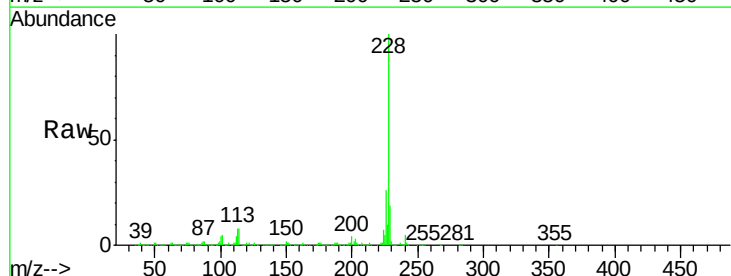
Instrument :  
BNA\_G  
ClientSampleId :  
TP-18-D13MS

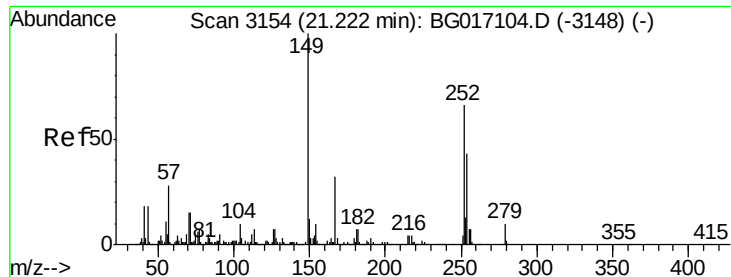
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 72.1  | 62.0  | 93.0  |
| 206     | 24.6  | 18.6  | 27.8  |



#80  
Benzo(a)anthracene  
Concen: 42.23 ng  
RT: 21.24 min Scan# 3157  
Delta R.T. -0.00 min  
Lab File: BG017324.D  
Acq: 28 May 2015 14:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 26.4  | 21.7  | 32.5  |
| 229     | 19.4  | 16.1  | 24.1  |

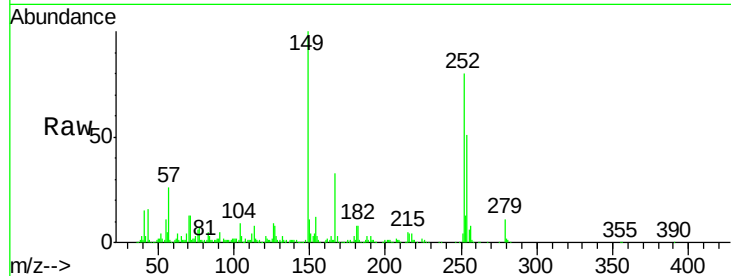




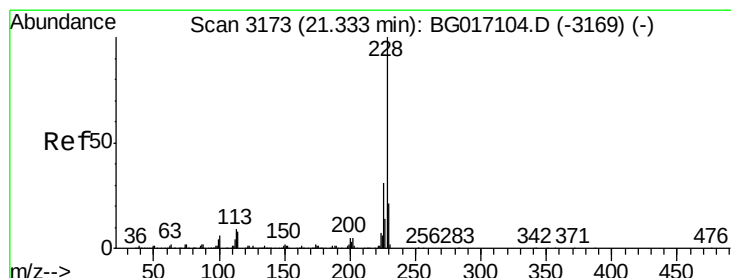
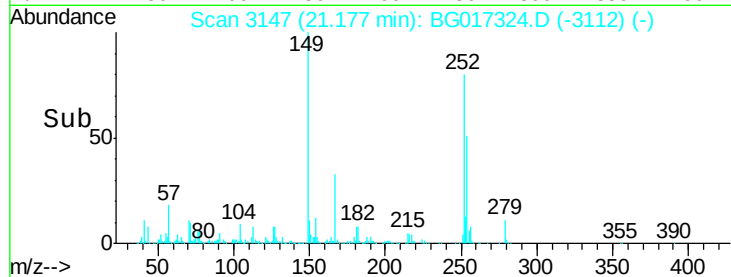
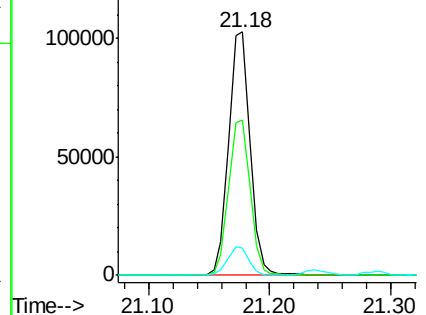
#81  
 3,3'-Dichlorobenzidine  
 Concen: 32.36 ng  
 RT: 21.18 min Scan# 3147  
 Delta R.T. 0.00 min  
 Lab File: BG017324.D  
 Acq: 28 May 2015 14:30

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-18-D13MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.0  | 52.1  | 78.1  |
| 126     | 11.0  | 8.8   | 13.2  |

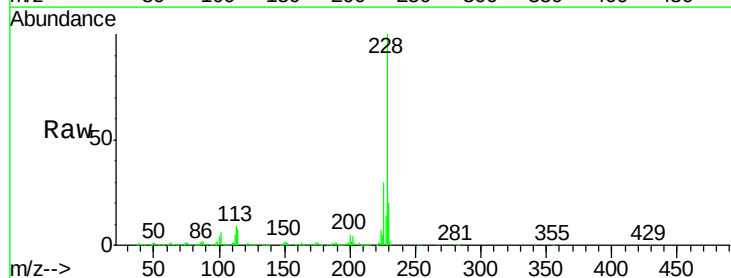


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

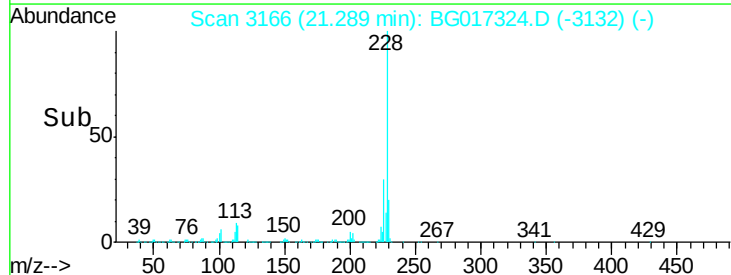
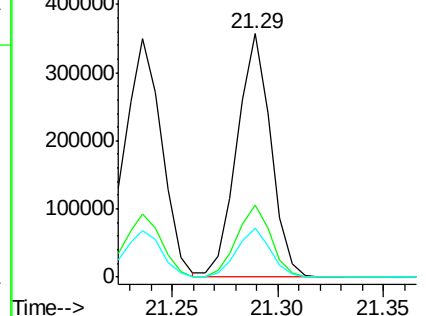


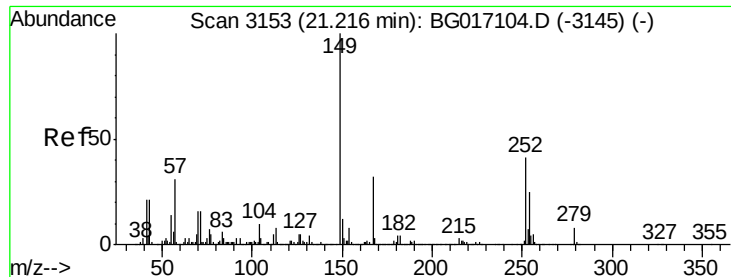
#82  
 Chrysene  
 Concen: 41.72 ng  
 RT: 21.29 min Scan# 3166  
 Delta R.T. -0.00 min  
 Lab File: BG017324.D  
 Acq: 28 May 2015 14:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.8  | 24.8  | 37.2  |
| 229     | 20.3  | 17.0  | 25.6  |



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

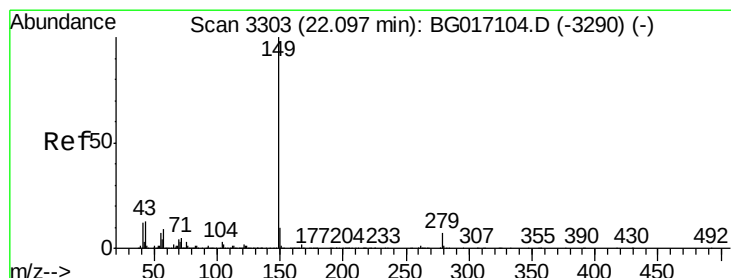
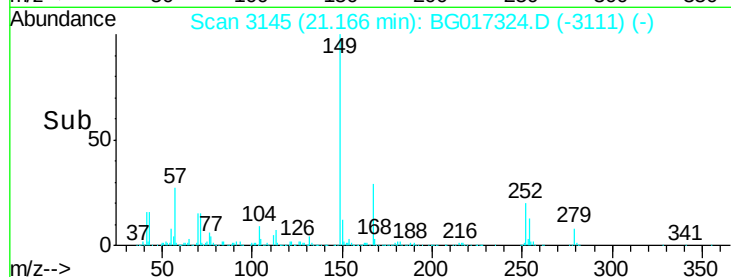
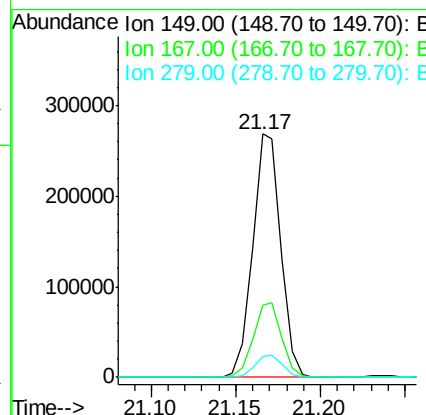
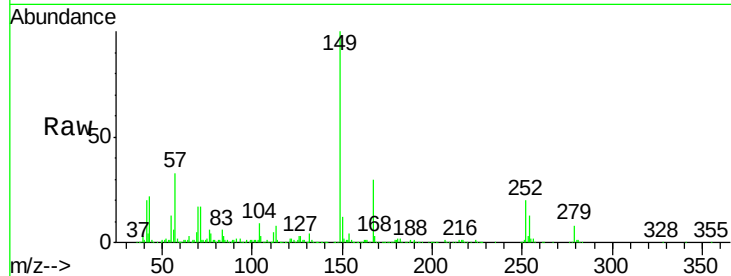




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 44.26 ng  
 RT: 21.17 min Scan# 3145  
 Delta R.T. -0.00 min  
 Lab File: BG017324.D  
 Acq: 28 May 2015 14:30

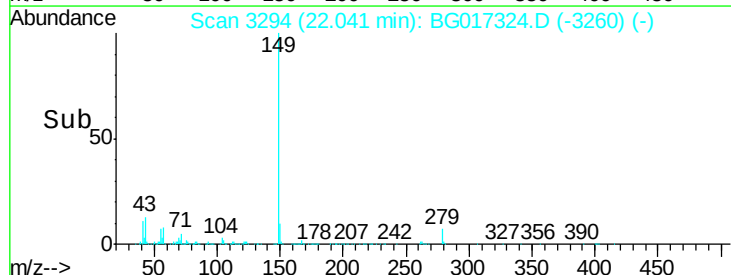
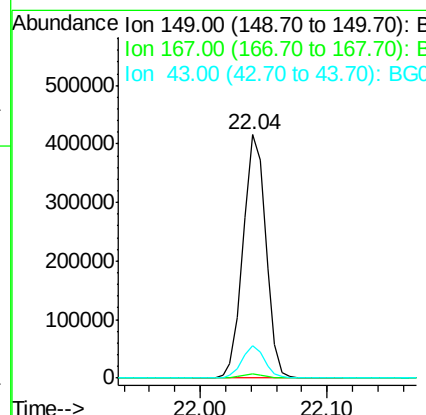
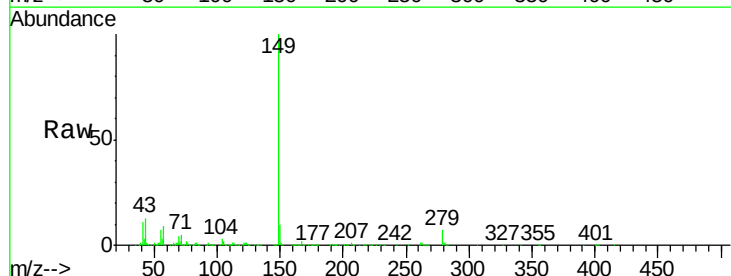
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-18-D13MS

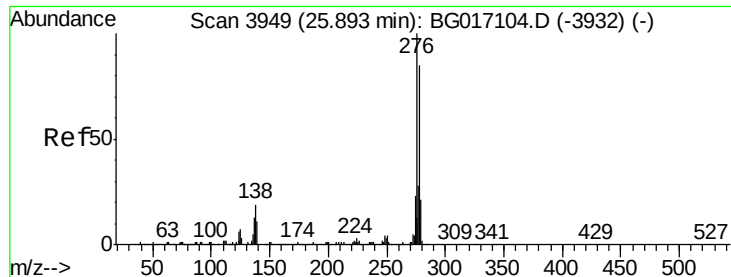
Tgt Ion:149 Resp: 310787  
 Ion Ratio Lower Upper  
 149 100  
 167 29.5 25.4 38.2  
 279 8.4 6.8 10.2



#84  
 Di-n-octyl phthalate  
 Concen: 43.91 ng  
 RT: 22.04 min Scan# 3294  
 Delta R.T. -0.00 min  
 Lab File: BG017324.D  
 Acq: 28 May 2015 14:30

Tgt Ion:149 Resp: 513296  
 Ion Ratio Lower Upper  
 149 100  
 167 1.7 1.4 2.0  
 43 12.5 10.9 16.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.02 ng

RT: 25.78 min Scan# 3931

Delta R.T. -0.00 min

Lab File: BG017324.D

Acq: 28 May 2015 14:30

Instrument :

BNA\_G

ClientSampleId :

TP-18-D13MS

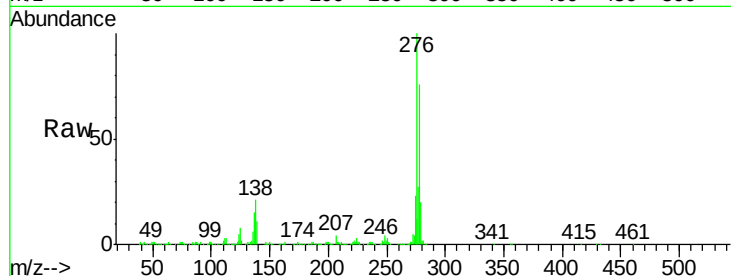
Tgt Ion:276 Resp: 475359

Ion Ratio Lower Upper

276 100

138 21.4 16.0 24.0

277 26.2 20.9 31.3



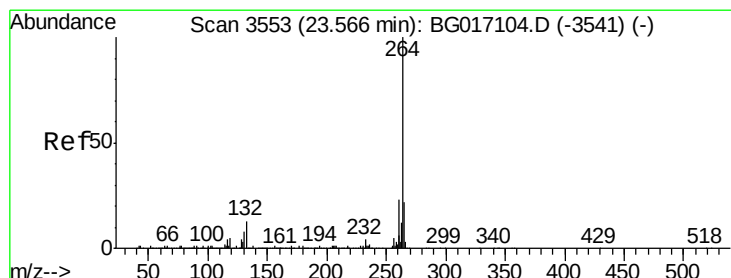
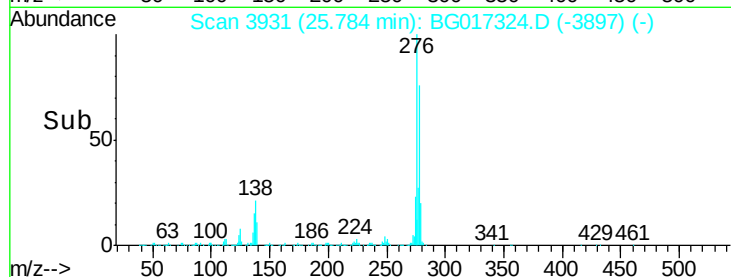
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

25.78

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.49 min Scan# 3541

Delta R.T. -0.00 min

Lab File: BG017324.D

Acq: 28 May 2015 14:30

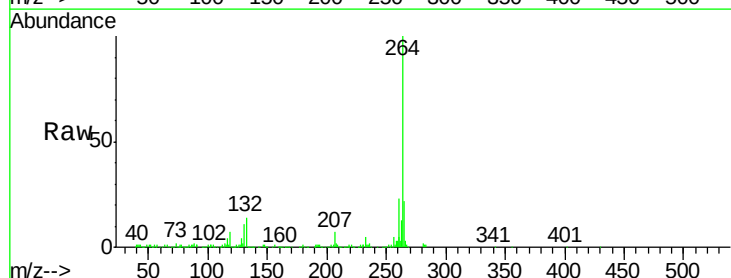
Tgt Ion:264 Resp: 171485

Ion Ratio Lower Upper

264 100

260 22.5 18.0 27.0

265 22.0 17.4 26.0



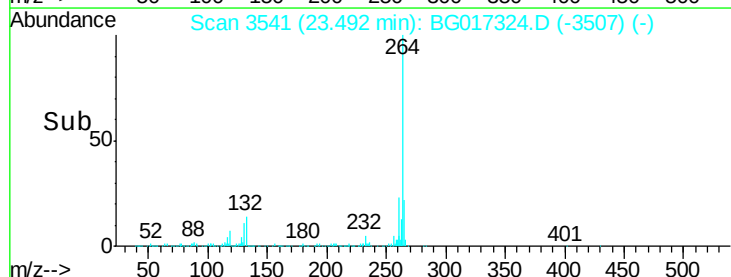
Abundance Ion 264.00 (263.70 to 264.70): E

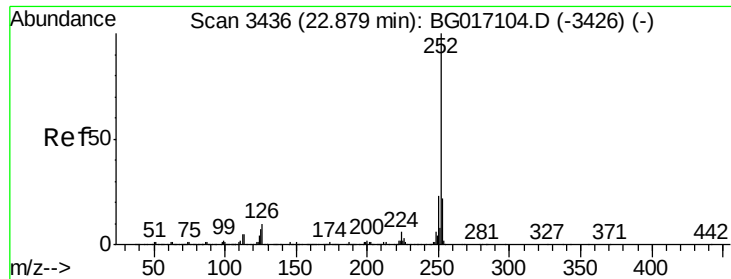
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

23.49

Time-->





#87

Benzo(b)fluoranthene

Concen: 43.14 ng

RT: 22.82 min Scan# 3426

Delta R.T. -0.00 min

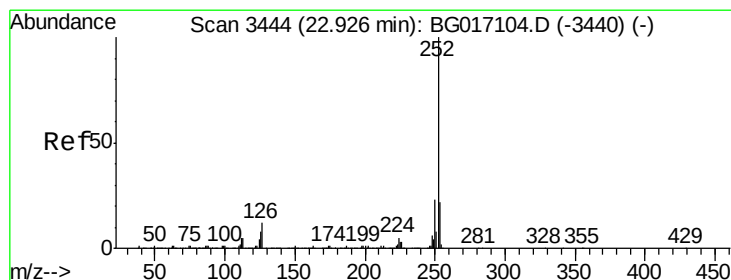
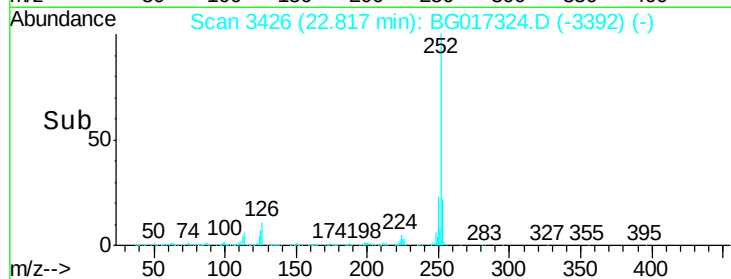
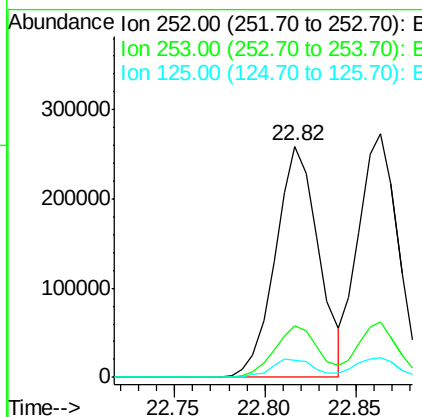
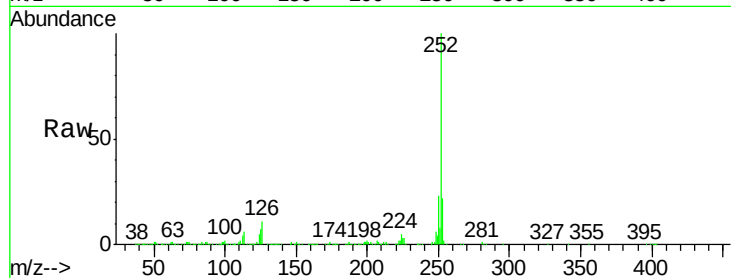
Lab File: BG017324.D

Acq: 28 May 2015 14:30

Instrument :  
BNA\_G  
ClientSampleId :  
TP-18-D13MS

Tgt Ion:252 Resp: 431257

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.4  | 17.4  | 26.2  |
| 125 | 7.4   | 5.9   | 8.9   |



#88

Benzo(k)fluoranthene

Concen: 43.50 ng

RT: 22.86 min Scan# 3434

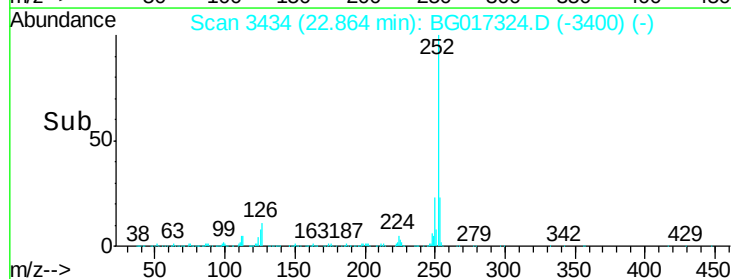
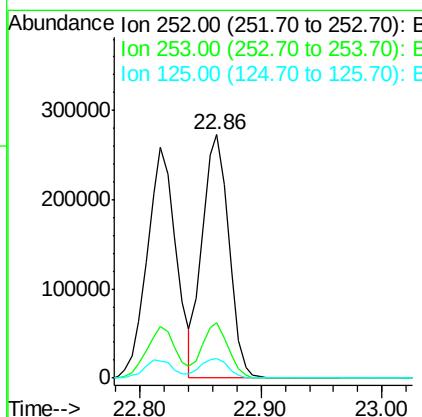
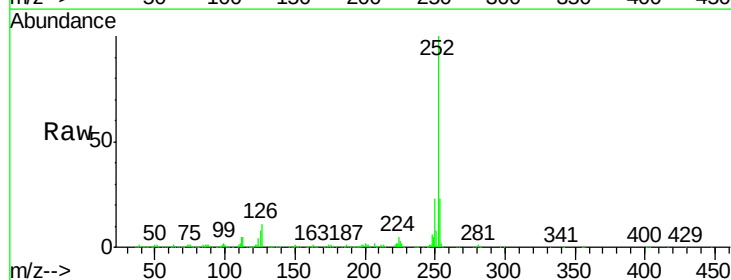
Delta R.T. -0.00 min

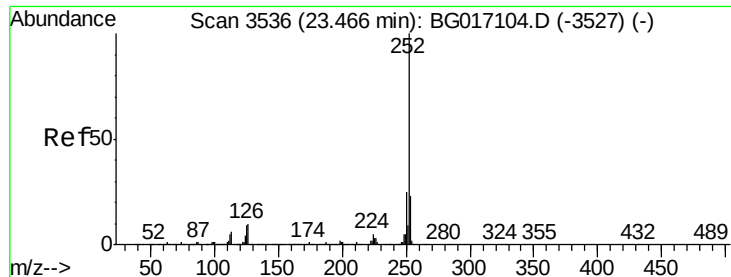
Lab File: BG017324.D

Acq: 28 May 2015 14:30

Tgt Ion:252 Resp: 412862

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.6  | 17.8  | 26.6  |
| 125 | 8.1   | 6.4   | 9.6   |





#89

Benzo(a)pyrene

Concen: 43.79 ng

RT: 23.40 min Scan# 3525

Delta R.T. 0.00 min

Lab File: BG017324.D

Acq: 28 May 2015 14:30

Instrument :

BNA\_G

ClientSampleId :

TP-18-D13MS

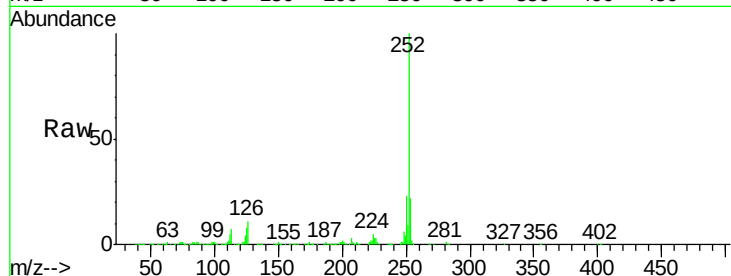
Tgt Ion:252 Resp: 401992

Ion Ratio Lower Upper

252 100

253 21.8 18.4 27.6

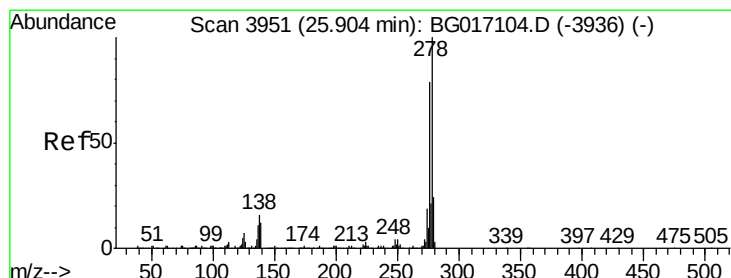
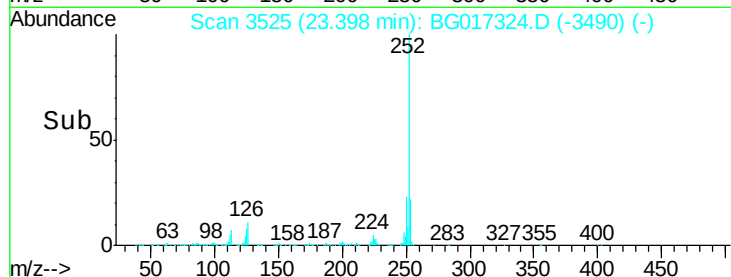
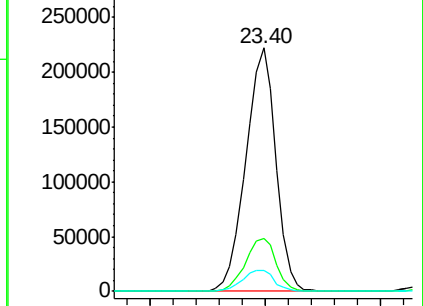
125 8.4 7.2 10.8



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: 42.92 ng

RT: 25.80 min Scan# 3933

Delta R.T. -0.00 min

Lab File: BG017324.D

Acq: 28 May 2015 14:30

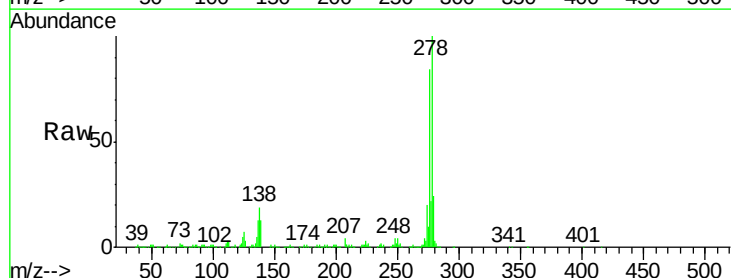
Tgt Ion:278 Resp: 404494

Ion Ratio Lower Upper

278 100

139 13.2 9.4 14.2

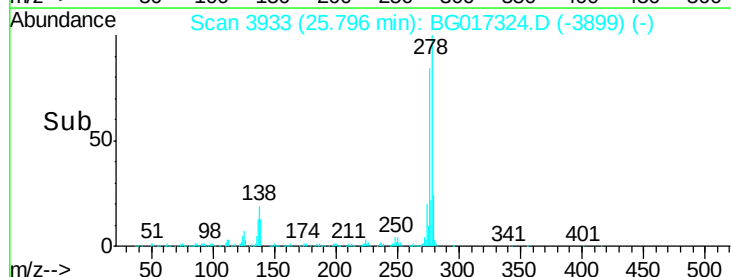
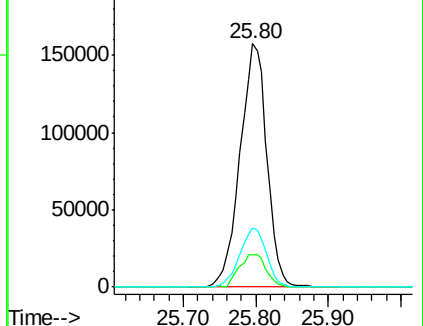
279 24.3 19.1 28.7



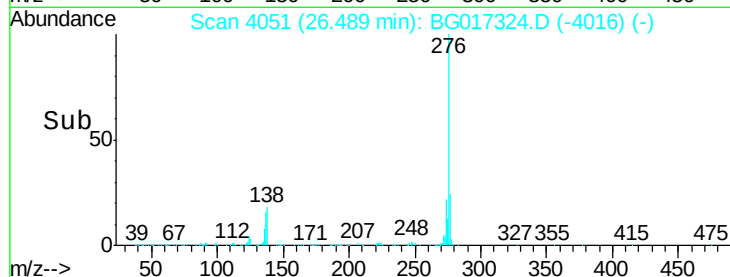
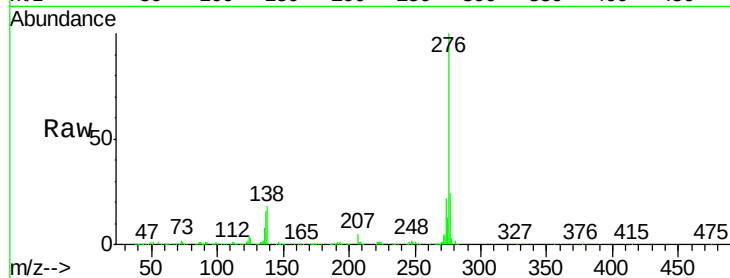
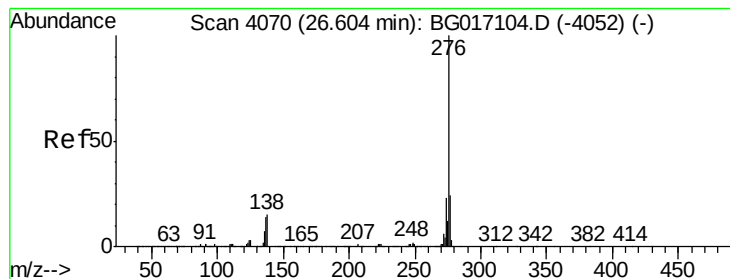
Abundance Ion 278.00 (277.70 to 278.70): E

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: 42.70 ng

RT: 26.49 min Scan# 4051

Delta R.T. 0.00 min

Lab File: BG017324.D

Acq: 28 May 2015 14:30

Instrument :

BNA\_G

ClientSampleId :

TP-18-D13MS

Tgt Ion: 276 Resp: 378785

Ion Ratio Lower Upper

276 100

277 23.7 18.9 28.3

138 17.5 11.8 17.8

