

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072716\  
 Data File : BG023304.D  
 Acq On : 28 Jul 2016 5:00  
 Operator : UM/SJ  
 Sample : PB92411BSD  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB92411BSD

Quant Time: Jul 28 05:36:21 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG072616.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 27 17:30:33 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.14  | 152  | 177887   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.97 | 136  | 795952   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.81 | 164  | 548114   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.57 | 188  | 1235390  | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.89 | 240  | 1239901  | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 25.30 | 264  | 1259974  | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.68  | 112 | 1424641 | 136.72 | ng | 0.00 |
| 7) Phenol-d6             | 7.29  | 99  | 2117939 | 132.39 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.32  | 82  | 1367002 | 83.99  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.31 | 330 | 914746  | 161.24 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.42 | 172 | 2624681 | 89.62  | ng | 0.00 |
| 78) Terphenyl-d14        | 20.18 | 244 | 3298448 | 86.48  | ng | 0.00 |

## Target Compounds

|                                |       |     |         |       |    | Qvalue |
|--------------------------------|-------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.53  | 88  | 141451  | 31.65 | ng | # 93   |
| 3) Pyridine                    | 3.94  | 79  | 454773  | 29.08 | ng | # 91   |
| 4) n-Nitrosodimethylamine      | 3.85  | 42  | 202738  | 28.69 | ng | # 71   |
| 6) Aniline                     | 7.46  | 93  | 808210  | 37.82 | ng | 93     |
| 8) 2-Chlorophenol              | 7.70  | 128 | 524552  | 45.12 | ng | 97     |
| 9) Benzaldehyde                | 7.26  | 77  | 107039  | 9.31  | ng | 94     |
| 10) Phenol                     | 7.32  | 94  | 764620  | 45.30 | ng | 83     |
| 11) bis(2-Chloroethyl)ether    | 7.54  | 93  | 534273  | 37.24 | ng | 94     |
| 12) 1,3-Dichlorobenzene        | 8.03  | 146 | 512410  | 39.11 | ng | # 93   |
| 13) 1,4-Dichlorobenzene        | 8.17  | 146 | 532507  | 39.84 | ng | 92     |
| 14) 1,2-Dichlorobenzene        | 8.50  | 146 | 510232  | 39.57 | ng | 94     |
| 15) Benzyl Alcohol             | 8.38  | 79  | 532755  | 49.48 | ng | # 89   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.67  | 45  | 778818  | 34.11 | ng | 90     |
| 17) 2-Methylphenol             | 8.58  | 107 | 514393  | 44.58 | ng | # 90   |
| 18) Hexachloroethane           | 9.23  | 117 | 199838  | 35.89 | ng | 94     |
| 19) n-Nitroso-di-n-propylamine | 8.95  | 70  | 525469  | 36.52 | ng | 98     |
| 20) 3+4-Methylphenols          | 8.91  | 107 | 712904  | 45.44 | ng | 90     |
| 22) Acetophenone               | 8.97  | 105 | 832636  | 40.07 | ng | # 89   |
| 24) Nitrobenzene               | 9.36  | 77  | 721154  | 38.15 | ng | # 87   |
| 25) Isophorone                 | 9.88  | 82  | 1349876 | 40.15 | ng | # 93   |
| 26) 2-Nitrophenol              | 10.08 | 139 | 317913  | 44.53 | ng | # 73   |
| 27) 2,4-Dimethylphenol         | 10.13 | 122 | 568437  | 47.24 | ng | # 83   |
| 28) bis(2-Chloroethoxy)methane | 10.36 | 93  | 788163  | 41.78 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 10.62 | 162 | 567913  | 48.75 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.83 | 180 | 533891  | 41.47 | ng | 97     |
| 31) Naphthalene                | 11.03 | 128 | 1576547 | 42.63 | ng | 98     |
| 32) Benzoic acid               | 10.27 | 122 | 366525  | 39.20 | ng | 90     |
| 33) 4-Chloroaniline            | 11.13 | 127 | 437707  | 25.62 | ng | 90     |
| 34) Hexachlorobutadiene        | 11.30 | 225 | 337256  | 39.97 | ng | 97     |
| 35) Caprolactam                | 11.92 | 113 | 231938  | 46.82 | ng | 95     |
| 36) 4-Chloro-3-methylphenol    | 12.26 | 107 | 694375  | 45.37 | ng | 93     |
| 37) 2-Methylnaphthalene        | 12.63 | 142 | 1216841 | 44.37 | ng | # 92   |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.99 | 216 | 631369  | 35.58 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 12.97 | 237 | 828131  | 98.49 | ng | 98     |

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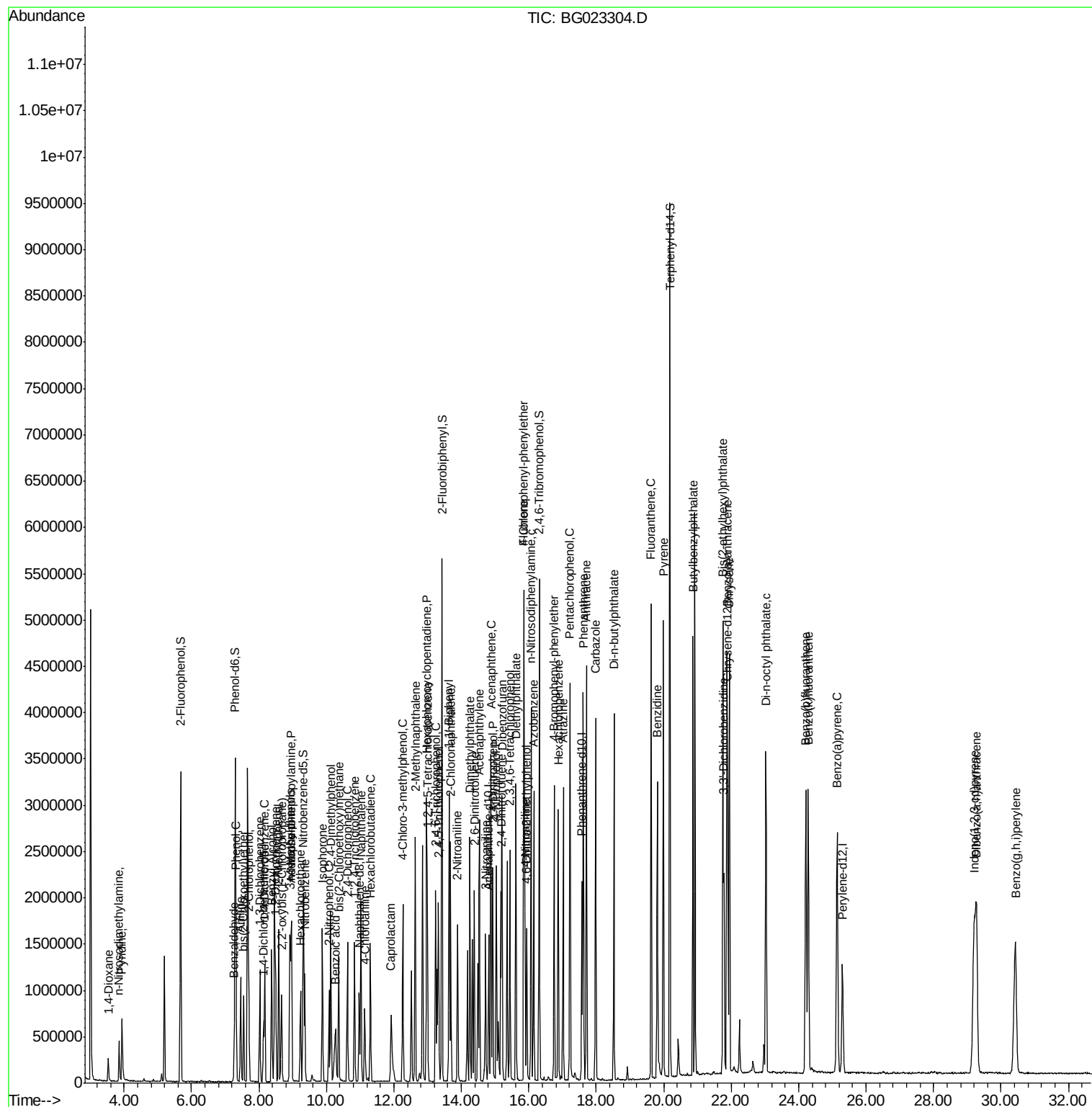
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.24 | 196  | 493722   | 47.37 | nq    | 97       |
| 43) 2,4,5-Trichlorophenol      | 13.32 | 196  | 518469   | 46.89 | nq    | 90       |
| 45) 1,1'-Biphenyl              | 13.64 | 154  | 1612046  | 42.17 | nq    | 92       |
| 46) 2-Chloronaphthalene        | 13.68 | 162  | 1282733  | 41.88 | nq    | 96       |
| 47) 2-Nitroaniline             | 13.89 | 65   | 550018   | 42.45 | nq    | 89       |
| 48) Acenaphthylene             | 14.53 | 152  | 2027466  | 43.23 | nq    | 94       |
| 49) Dimethylphthalate          | 14.25 | 163  | 1668889  | 41.26 | nq    | # 96     |
| 50) 2,6-Dinitrotoluene         | 14.38 | 165  | 410437   | 43.33 | nq    | # 79     |
| 51) Acenaphthene               | 14.87 | 154  | 1297809  | 42.66 | nq    | 96       |
| 52) 3-Nitroaniline             | 14.72 | 138  | 385248   | 40.38 | nq    | 78       |
| 53) 2,4-Dinitrophenol          | 14.93 | 184  | 508275   | 91.65 | nq    | 90       |
| 54) Dibenzofuran               | 15.21 | 168  | 2001605  | 46.50 | nq    | 97       |
| 55) 4-Nitrophenol              | 15.03 | 139  | 715654   | 86.48 | nq    | # 76     |
| 56) 2,4-Dinitrotoluene         | 15.17 | 165  | 596182   | 44.70 | nq    | 91       |
| 57) Fluorene                   | 15.86 | 166  | 1647304  | 43.34 | nq    | 97       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.44 | 232  | 499152   | 53.33 | nq    | 93       |
| 59) Diethylphthalate           | 15.61 | 149  | 1718324  | 41.47 | nq    | 95       |
| 60) 4-Chlorophenyl-phenylether | 15.85 | 204  | 868434   | 42.21 | nq    | 97       |
| 61) 4-Nitroaniline             | 15.89 | 138  | 460927   | 46.08 | nq    | # 63     |
| 62) Azobenzene                 | 16.14 | 77   | 1920118  | 44.70 | nq    | 90       |
| 64) 4,6-Dinitro-2-methylphenol | 15.94 | 198  | 360126   | 45.39 | nq    | 96       |
| 65) n-Nitrosodiphenylamine     | 16.07 | 169  | 1567020  | 47.51 | nq    | 93       |
| 66) 4-Bromophenyl-phenylether  | 16.75 | 248  | 593545   | 47.52 | nq    | 97       |
| 67) Hexachlorobenzene          | 16.87 | 284  | 607925   | 48.40 | nq    | 95       |
| 68) Atrazine                   | 17.02 | 200  | 597861   | 47.26 | nq    | 97       |
| 69) Pentachlorophenol          | 17.22 | 266  | 751761   | 96.98 | nq    | 98       |
| 70) Phenanthrene               | 17.61 | 178  | 2570285  | 47.57 | nq    | 95       |
| 71) Anthracene                 | 17.71 | 178  | 2590629  | 47.45 | nq    | 92       |
| 72) Carbazole                  | 17.98 | 167  | 2424404  | 48.48 | nq    | 95       |
| 73) Di-n-butylphthalate        | 18.52 | 149  | 2643282  | 47.38 | nq    | # 97     |
| 74) Fluoranthene               | 19.63 | 202  | 2774326  | 44.99 | nq    | 88       |
| 76) Benzidine                  | 19.81 | 184  | 2025417  | 58.08 | nq    | 96       |
| 77) Pyrene                     | 19.99 | 202  | 2806918  | 39.89 | nq    | 93       |
| 79) Butylbenzylphthalate       | 20.87 | 149  | 1335378  | 43.14 | nq    | 98       |
| 80) Benzo(a)anthracene         | 21.88 | 228  | 2826568  | 43.54 | nq    | 97       |
| 81) 3,3'-Dichlorobenzidine     | 21.78 | 252  | 877676   | 33.35 | nq    | # 93     |
| 82) Chrysene                   | 21.94 | 228  | 2626037  | 41.87 | nq    | 91       |
| 83) Bis(2-ethylhexyl)phthalate | 21.75 | 149  | 1853544  | 42.79 | nq    | 96       |
| 84) Di-n-octyl phthalate       | 23.03 | 149  | 3087373  | 43.57 | nq    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 29.20 | 276  | 3601154  | 49.22 | nq    | # 100    |
| 87) Benzo(b)fluoranthene       | 24.22 | 252  | 3029603  | 45.26 | nq    | # 92     |
| 88) Benzo(k)fluoranthene       | 24.29 | 252  | 2886163  | 43.13 | nq    | # 92     |
| 89) Benzo(a)pyrene             | 25.14 | 252  | 2938908  | 44.81 | nq    | # 94     |
| 90) Dibenzo(a,h)anthracene     | 29.27 | 278  | 2967785  | 47.83 | nq    | # 89     |
| 91) Benzo(g,h,i)perylene       | 30.44 | 276  | 2985319  | 45.70 | nq    | # 90     |

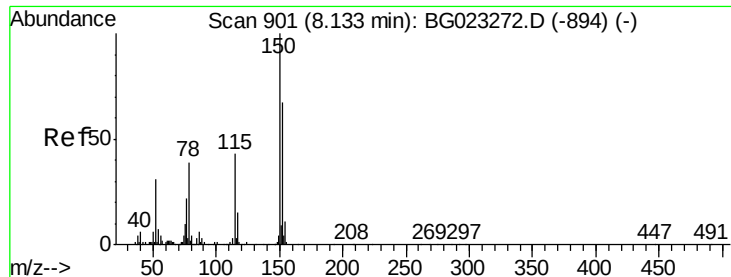
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Instrument :

BNA\_G

ClientSampleId :

PB92411BSD

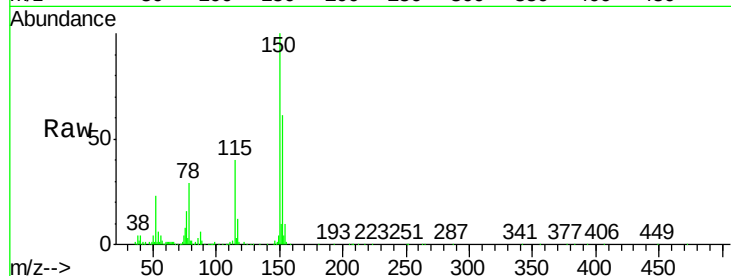
Tot Ion:152 Resp: 177887

Ion Ratio Lower Upper

152 100

150 163.1 144.7 217.1

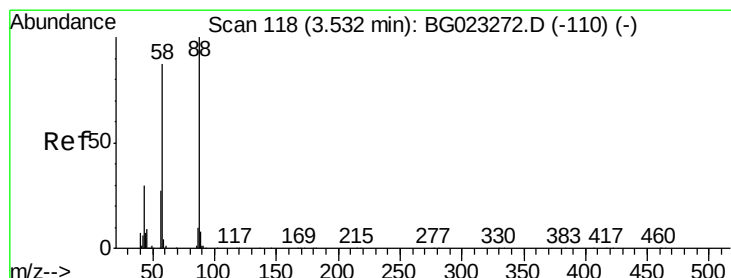
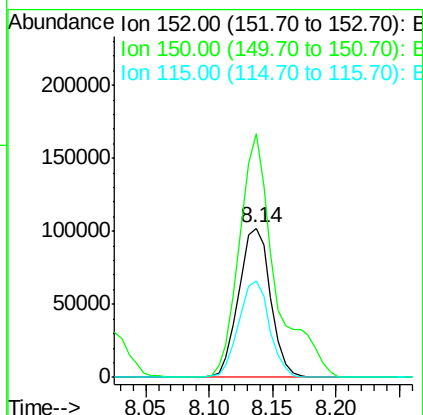
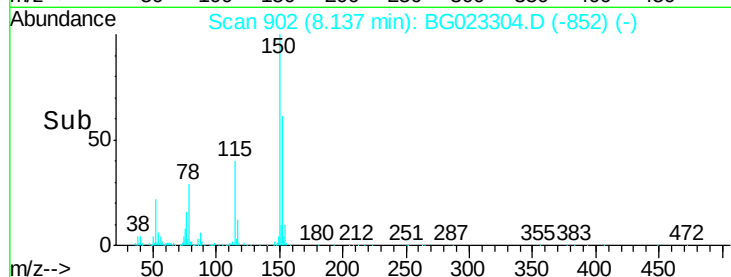
115 64.6 64.0 96.0



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: 31.65 ng

RT: 3.53 min Scan# 118

Delta R.T. -0.01 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

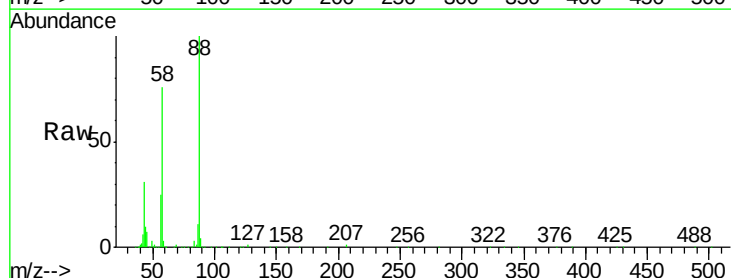
Tgt Ion: 88 Resp: 141451

Ion Ratio Lower Upper

88 100

58 77.6 60.4 90.6

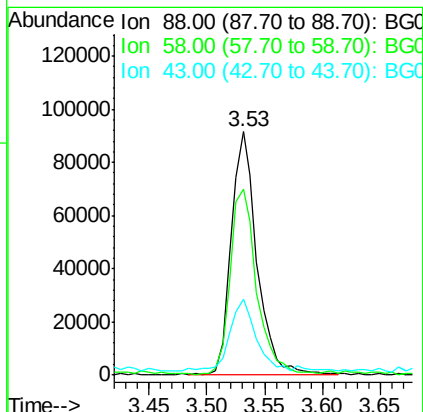
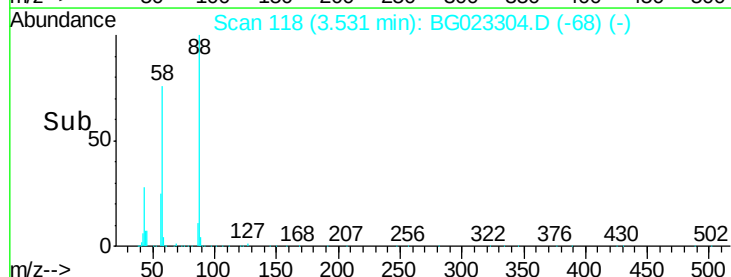
43 29.8 31.1 46.7#

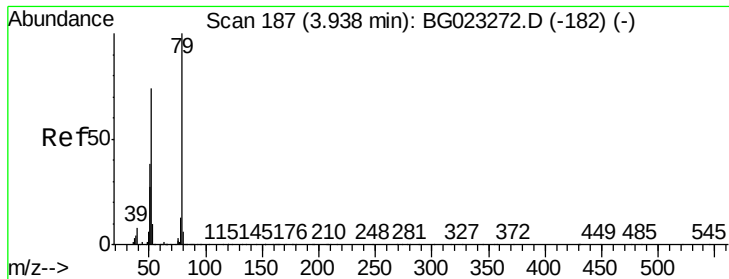


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 29.08 ng

RT: 3.94 min Scan# 187

Delta R.T. -0.03 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Instrument :

BNA\_G

ClientSampleId :

PB92411BSD

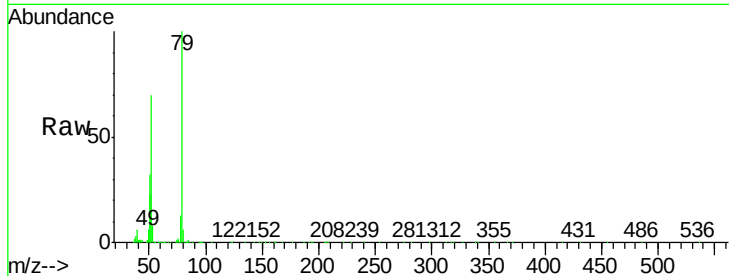
Tot Ion: 79 Resp: 454773

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 69.6  | 51.8  | 77.8  |
| 51  | 31.8  | 32.7  | 49.1  |

79 100

52 69.6 51.8 77.8

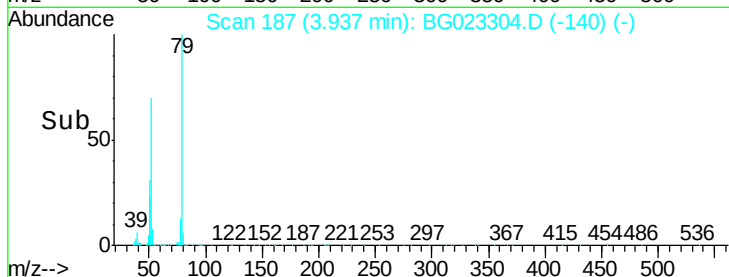
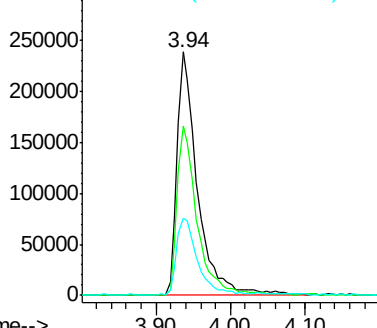
51 31.8 32.7 49.1



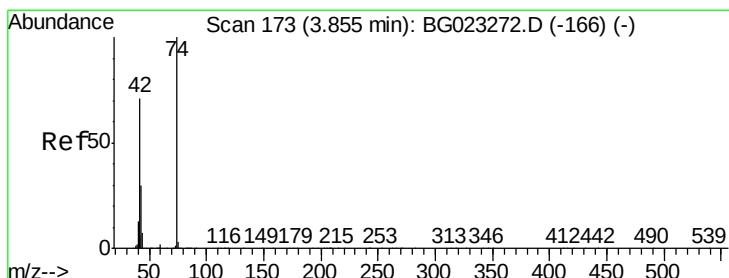
Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



Time-->



#4

n-Nitrosodimethylamine

Concen: 28.69 ng

RT: 3.85 min Scan# 172

Delta R.T. -0.01 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

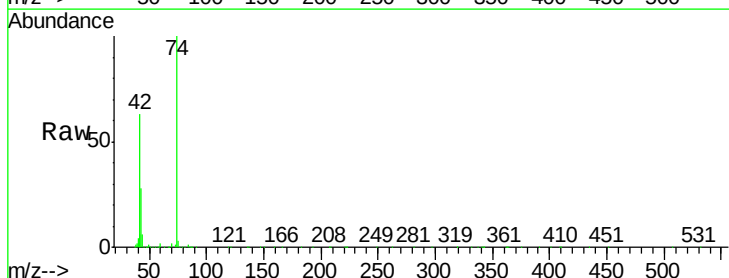
Tgt Ion: 42 Resp: 202738

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 159.4 | 100.6 | 150.8 |
| 44  | 8.9   | 4.5   | 6.7   |

42 100

74 159.4 100.6 150.8

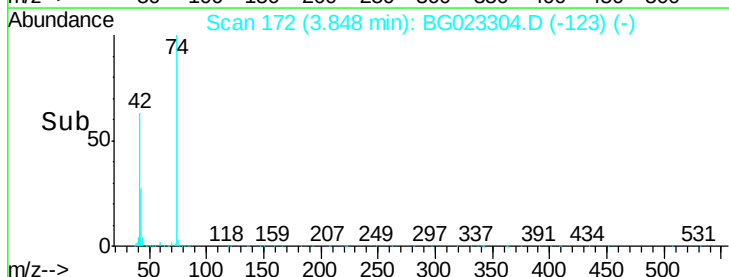
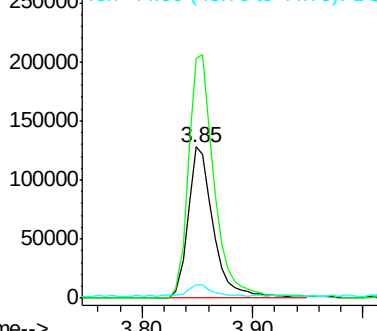
44 8.9 4.5 6.7

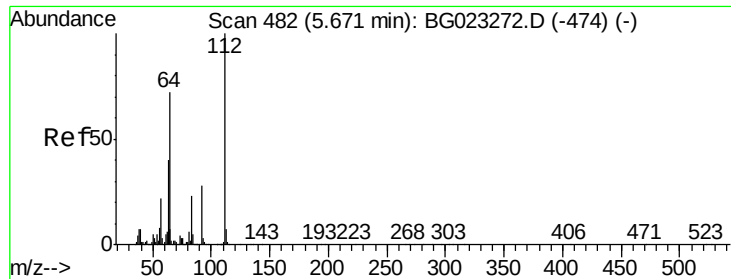


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 136.72 ng

RT: 5.68 min Scan# 483

Delta R.T. 0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Instrument :

BNA\_G

ClientSampleId :

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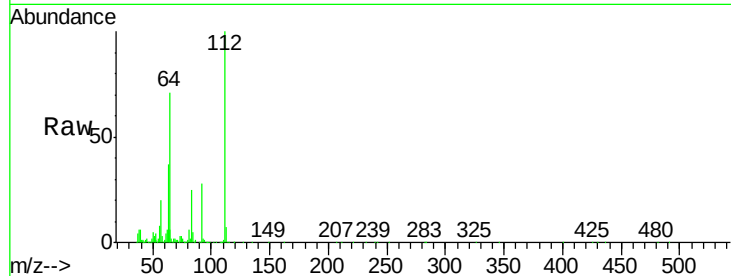
Tot Ion:112 Resp: 1424641

Ion Ratio Lower Upper

112 100

64 70.8 59.0 88.4

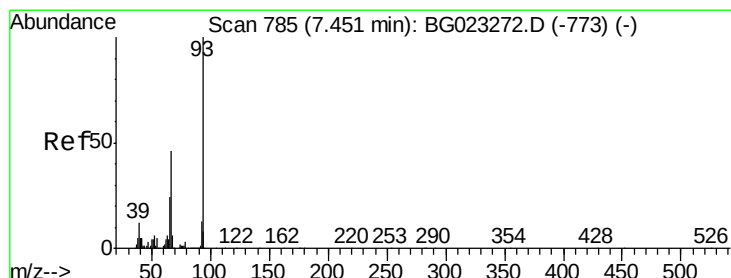
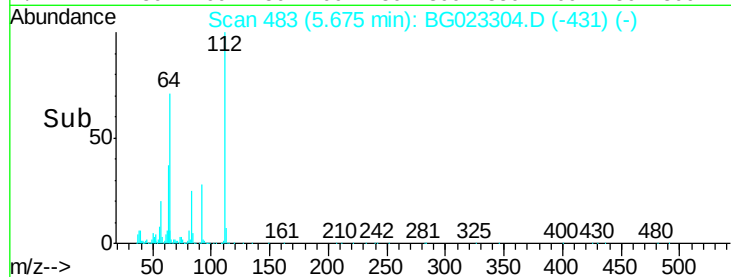
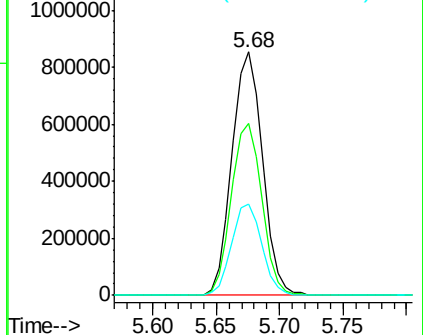
63 37.4 37.8 56.8#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 37.82 ng

RT: 7.46 min Scan# 786

Delta R.T. 0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

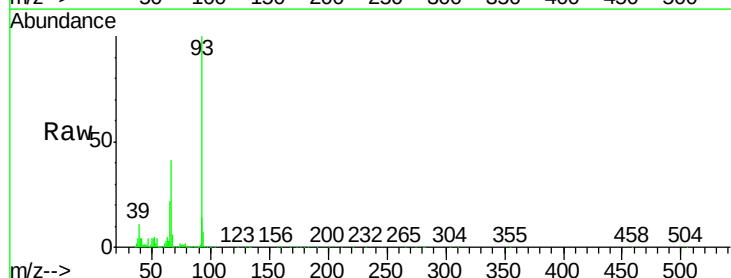
Tgt Ion: 93 Resp: 808210

Ion Ratio Lower Upper

93 100

66 40.6 37.5 56.3

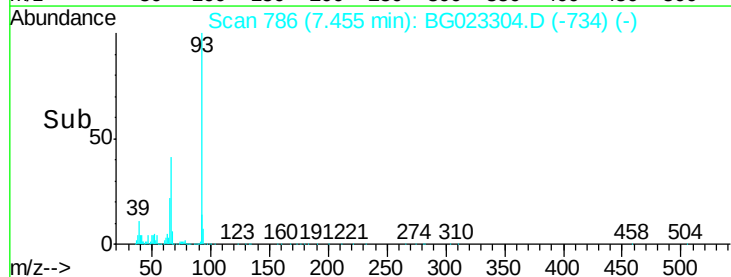
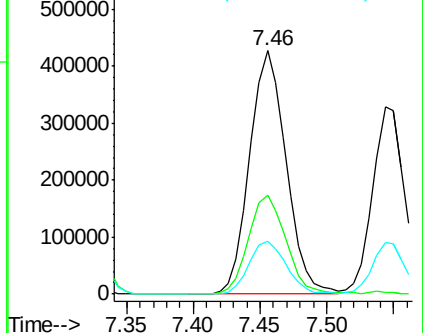
65 21.5 17.9 26.9

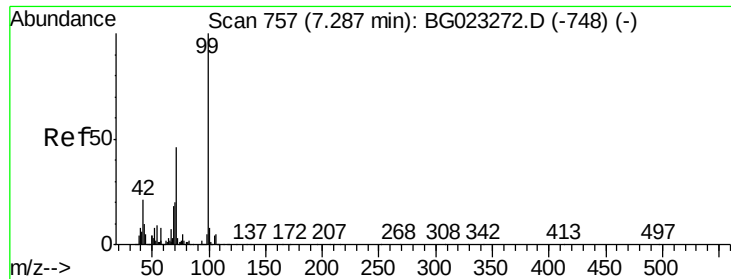


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 132.39 ng

RT: 7.29 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Instrument :

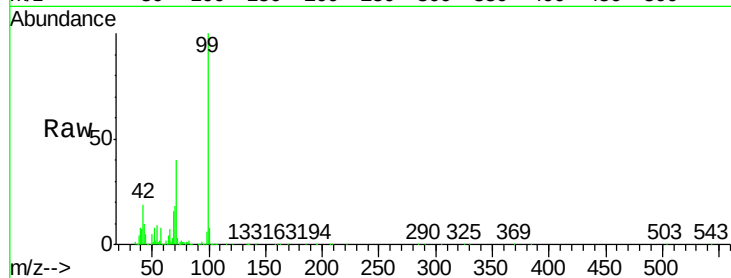
BNA\_G

ClientSampleId :

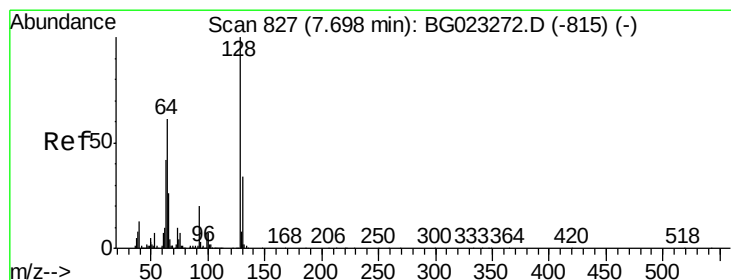
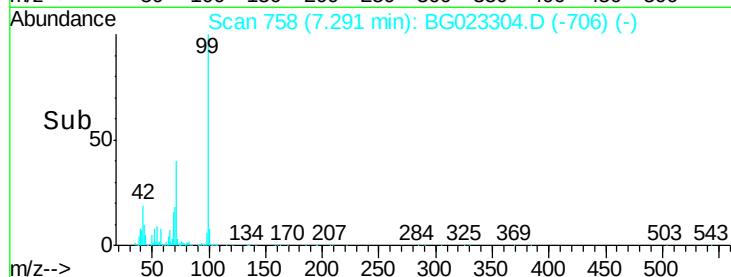
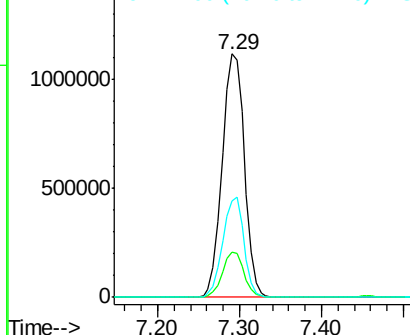
PB92411BSD

Tot Ion: 99 Resp: 2117939

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.8  | 17.8  | 26.6  |
| 71  | 39.6  | 41.5  | 62.3# |



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: 45.12 ng

RT: 7.70 min Scan# 827

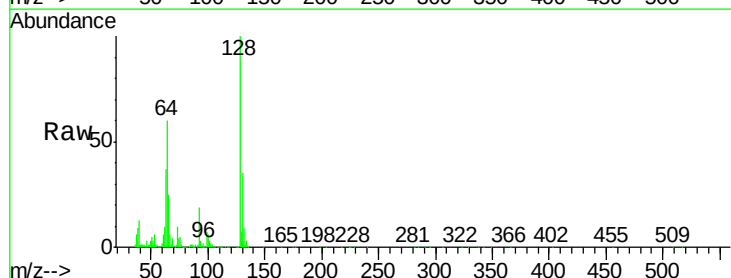
Delta R.T. -0.00 min

Lab File: BG023304.D

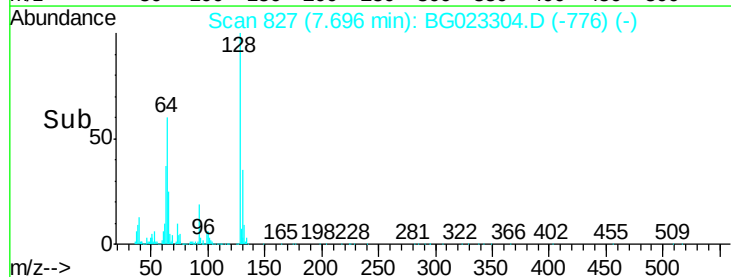
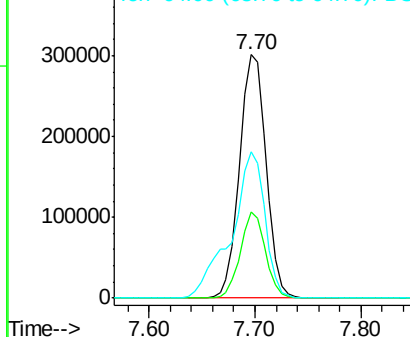
Acq: 28 Jul 2016 5:00

Tgt Ion: 128 Resp: 524552

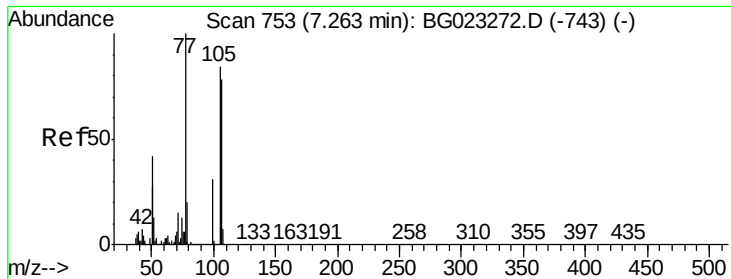
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 35.4  | 12.9  | 52.9  |
| 64  | 60.3  | 42.0  | 82.0  |



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: 9.31 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Instrument :

BNA\_G

ClientSampleId :

PB92411BSD

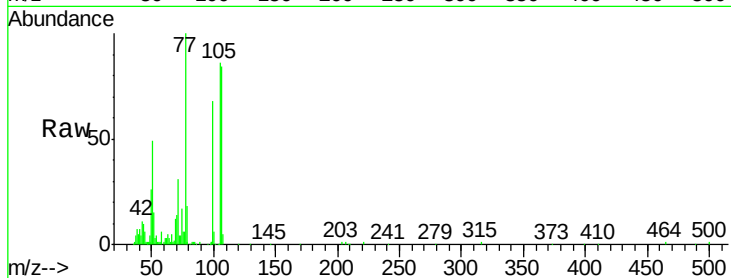
Tot Ion: 77 Resp: 107039

Ion Ratio Lower Upper

77 100

105 86.5 58.7 98.7

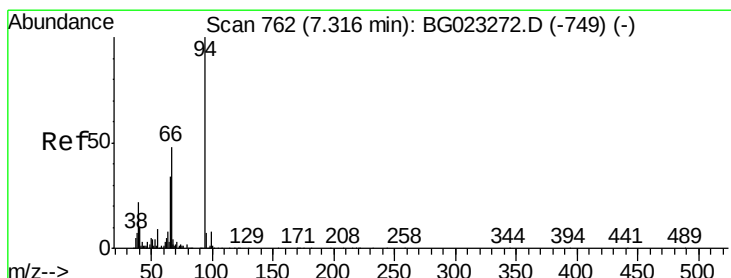
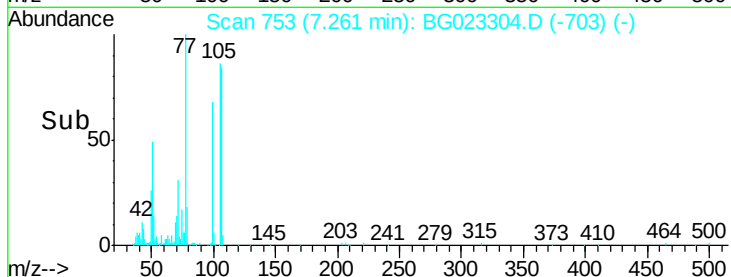
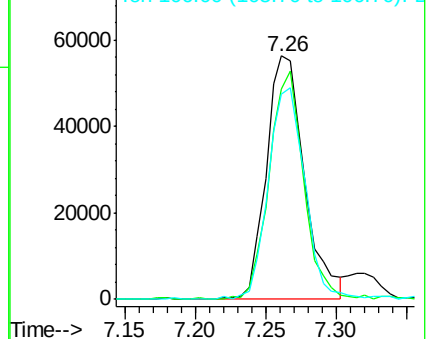
106 84.4 67.5 107.5



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: 45.30 ng

RT: 7.32 min Scan# 763

Delta R.T. 0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

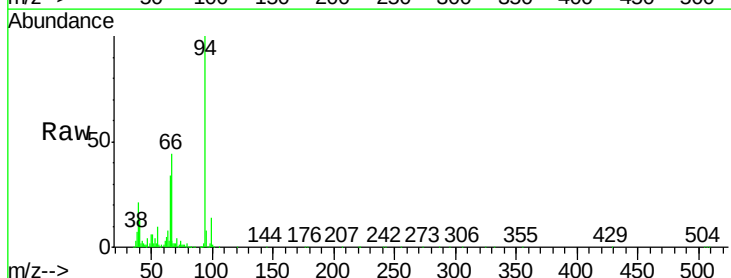
Tgt Ion: 94 Resp: 764620

Ion Ratio Lower Upper

94 100

65 34.0 18.1 58.1

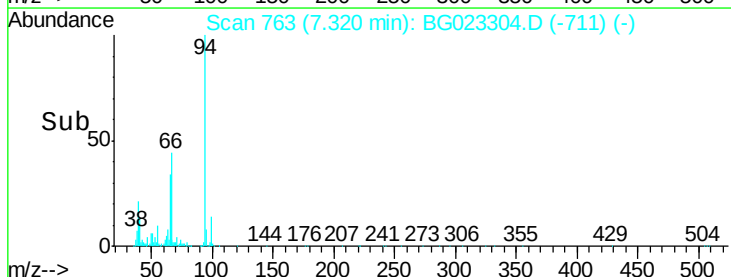
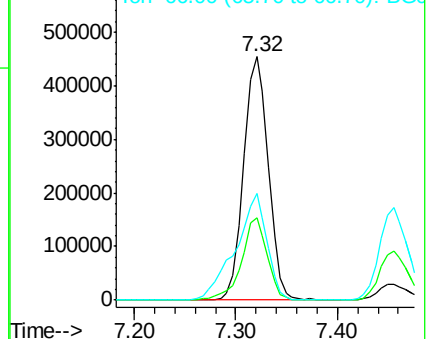
66 44.1 42.1 82.1



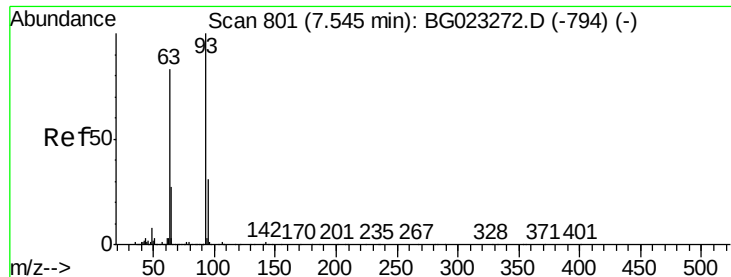
Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



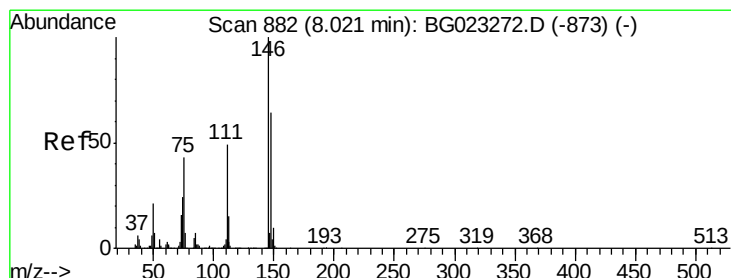
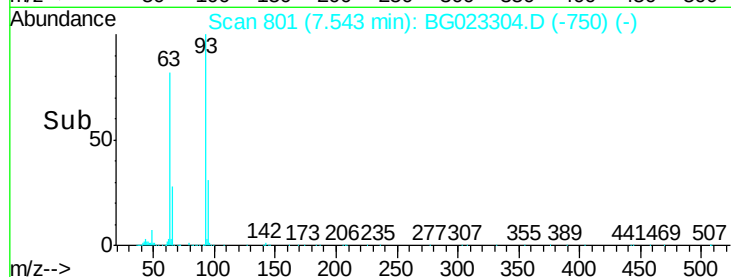
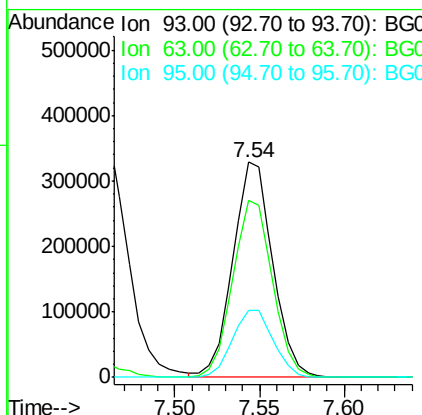
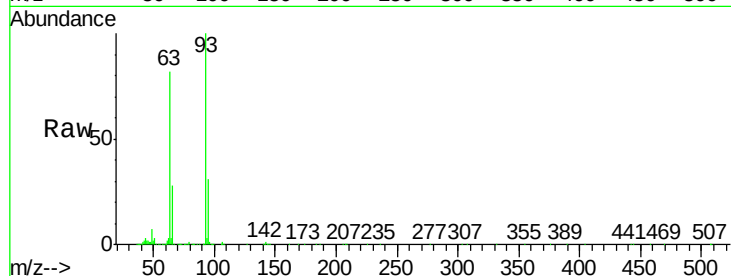




#11  
bis(2-Chloroethyl)ether  
Concen: 37.24 ng  
RT: 7.54 min Scan# 801  
Delta R.T. -0.00 min  
Lab File: BG023304.D  
Acq: 28 Jul 2016 5:00

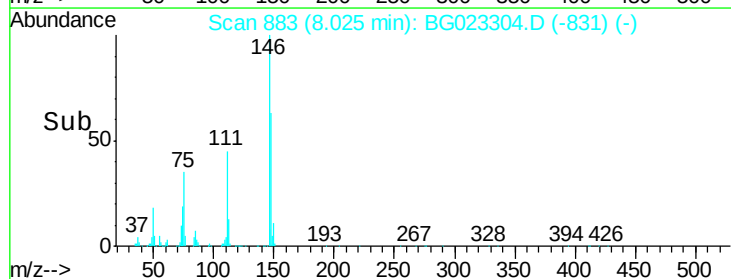
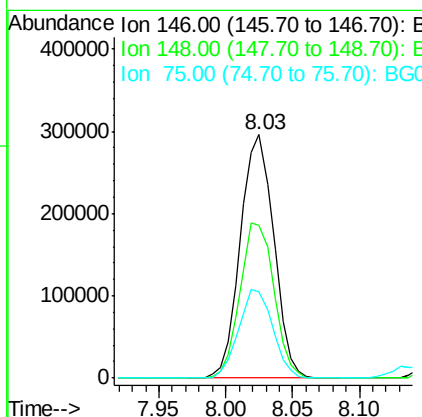
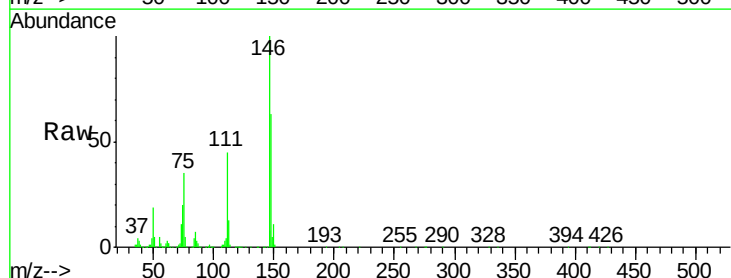
Instrument :  
BNA\_G  
ClientSampleId :  
PB92411BSD

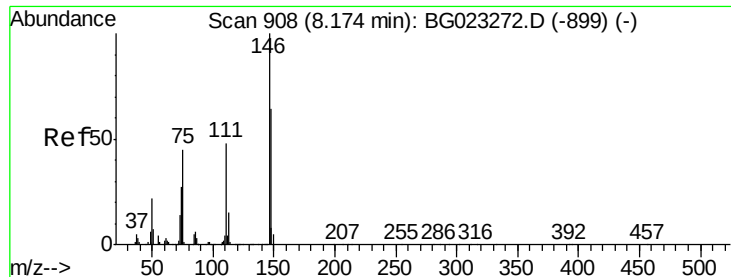
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 82.2  | 55.0  | 95.0  |
| 95      | 31.2  | 11.0  | 51.0  |



#12  
1,3-Dichlorobenzene  
Concen: 39.11 ng  
RT: 8.03 min Scan# 883  
Delta R.T. 0.00 min  
Lab File: BG023304.D  
Acq: 28 Jul 2016 5:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.0  | 50.3  | 75.5  |
| 75      | 35.3  | 37.0  | 55.6  |





#13

1,4-Dichlorobenzene

Concen: 39.84 ng

RT: 8.17 min Scan# 908

Delta R.T. -0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Instrument :

BNA\_G

ClientSampleId :

PB92411BSD

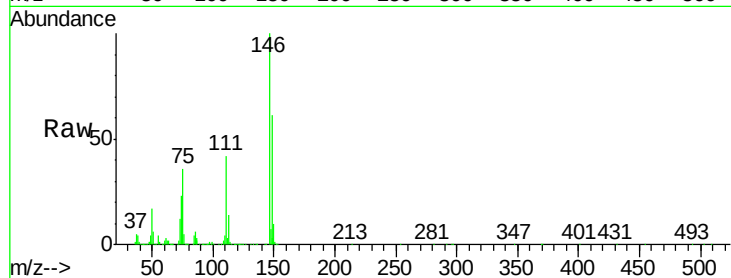
Tot Ion:146 Resp: 532507

Ion Ratio Lower Upper

146 100

148 61.5 54.5 81.7

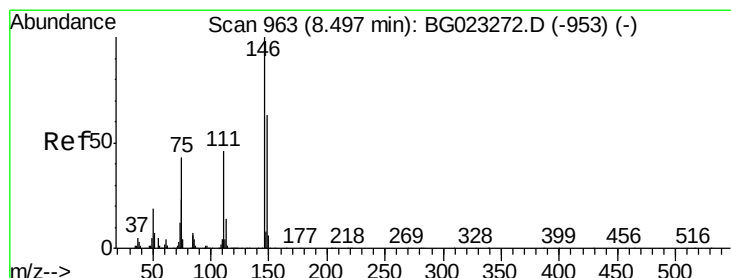
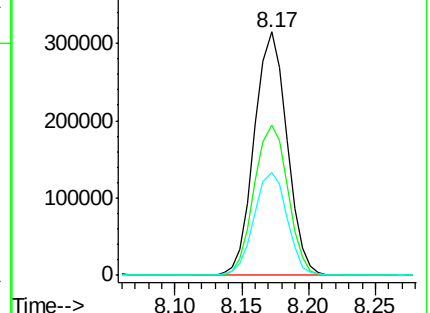
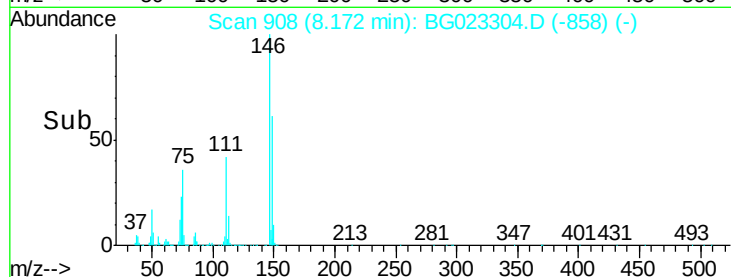
111 42.5 37.8 56.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.57 ng

RT: 8.50 min Scan# 963

Delta R.T. 0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

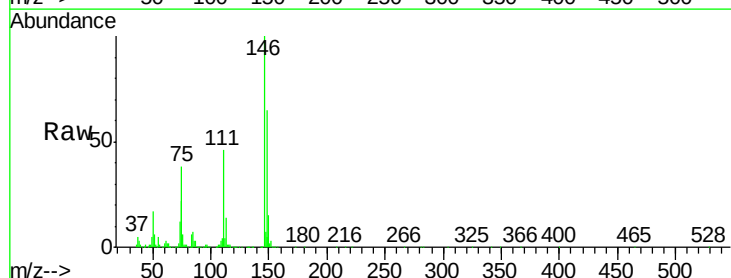
Tgt Ion:146 Resp: 510232

Ion Ratio Lower Upper

146 100

148 65.0 52.9 79.3

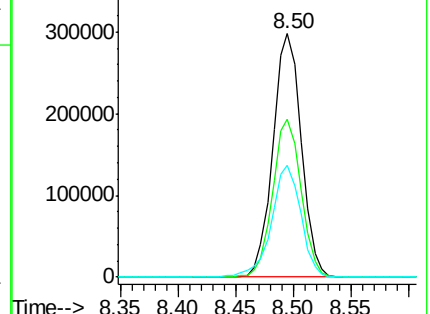
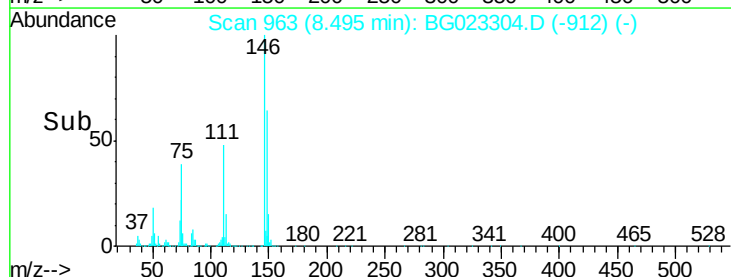
111 45.7 43.5 65.3

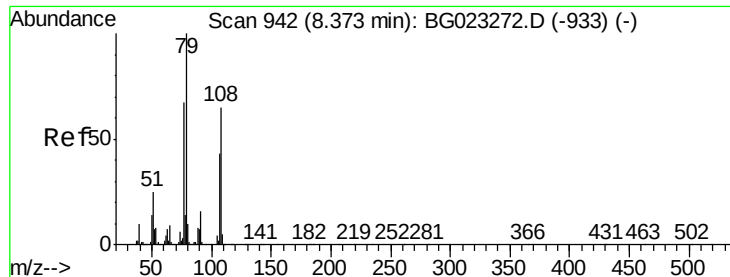


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 49.48 ng

RT: 8.38 min Scan# 943

Delta R.T. -0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Instrument :

BNA\_G

ClientSampleId :

PB92411BSD

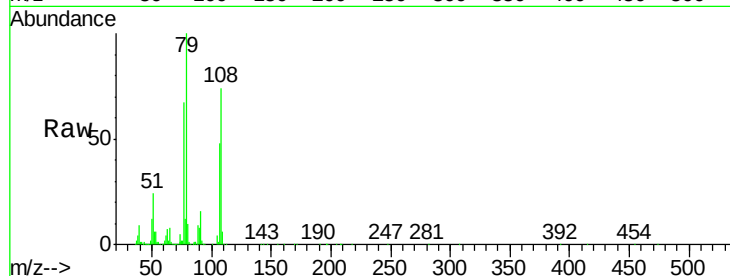
Tot Ion: 79 Resp: 532755

Ion Ratio Lower Upper

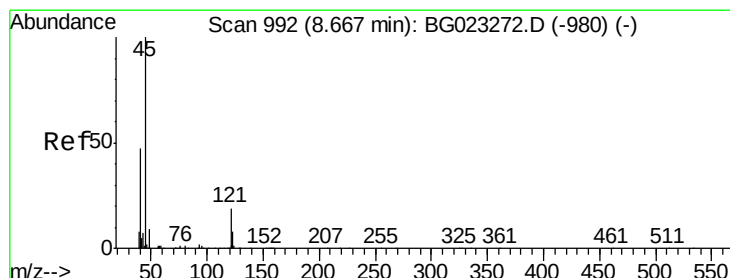
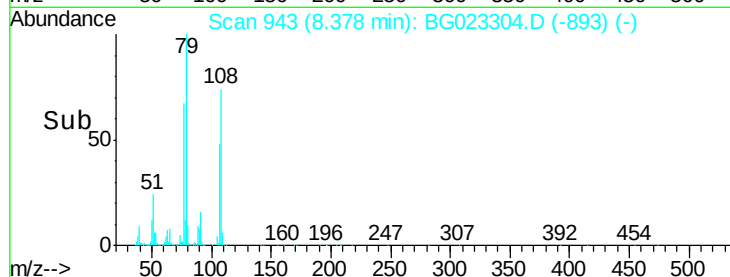
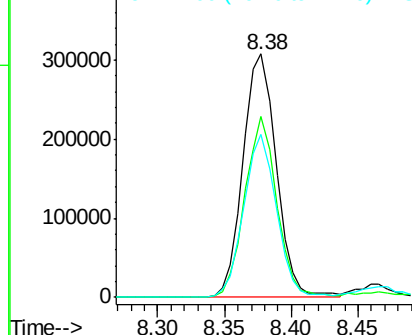
79 100

108 74.1 46.5 69.7#

77 67.0 52.3 78.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.11 ng

RT: 8.67 min Scan# 993

Delta R.T. -0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

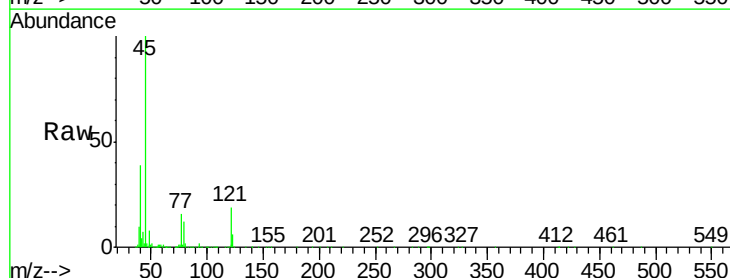
Tgt Ion: 45 Resp: 778818

Ion Ratio Lower Upper

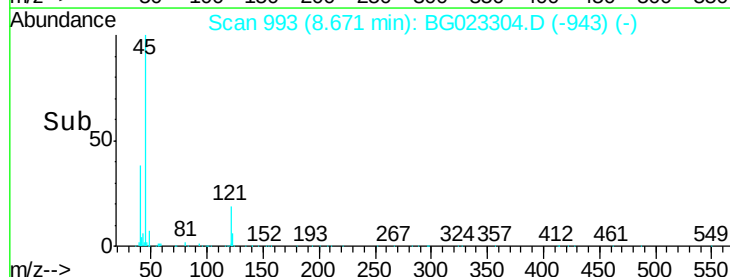
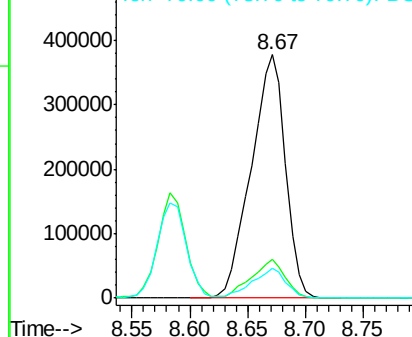
45 100

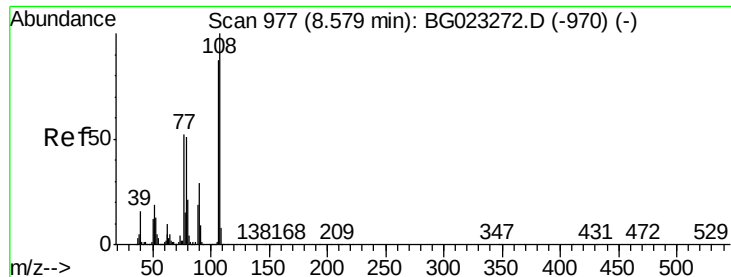
77 16.1 0.6 40.6

79 12.1 0.0 36.2



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





#17

2-Methylphenol

Concen: 44.58 ng

RT: 8.58 min Scan# 978

Delta R.T. -0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Instrument :

BNA\_G

ClientSampleId :

PB92411BSD

Tot Ion:107 Resp: 514393

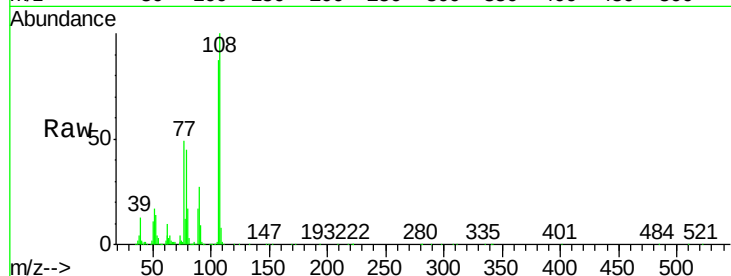
Ion Ratio Lower Upper

107 100

108 115.3 92.0 138.0

77 56.8 55.8 83.6

79 51.5 55.0 82.6#

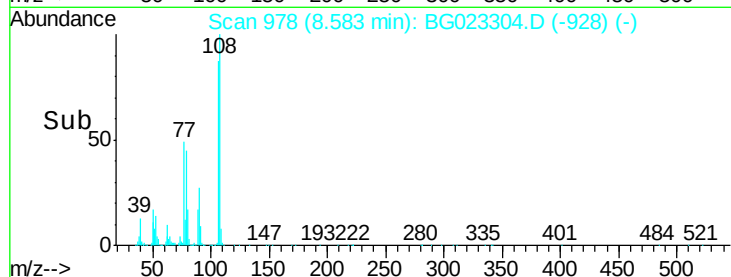


Abundance Ion 107.00 (106.70 to 107.70): E

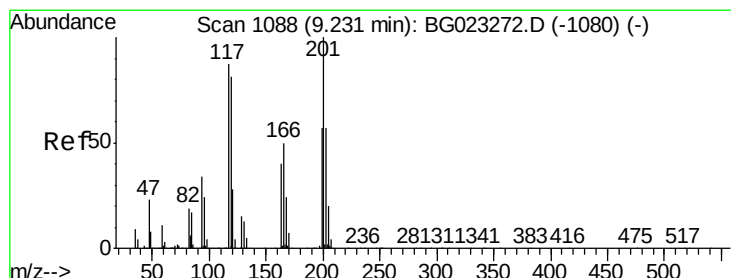
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



Time-->



#18

Hexachloroethane

Concen: 35.89 ng

RT: 9.23 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

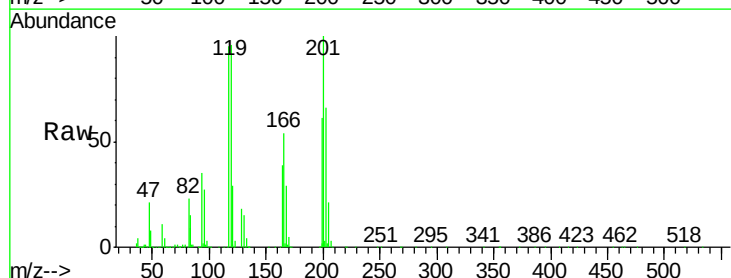
Tgt Ion:117 Resp: 199838

Ion Ratio Lower Upper

117 100

119 100.9 73.7 110.5

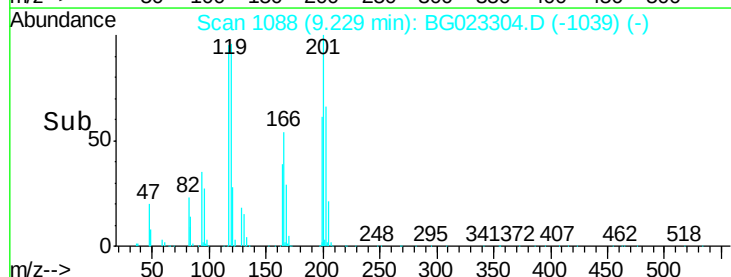
201 108.3 88.7 133.1



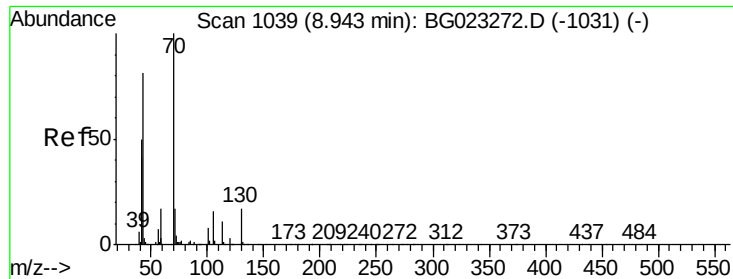
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



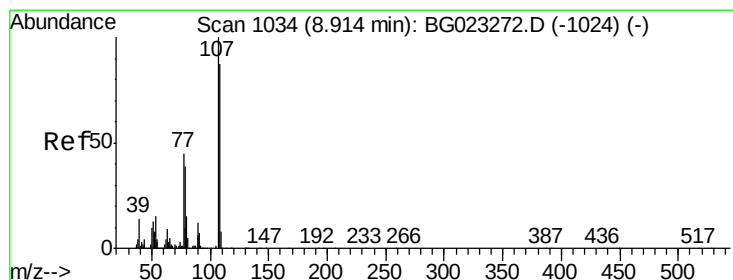
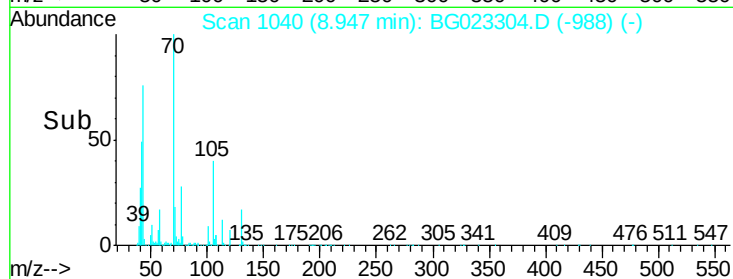
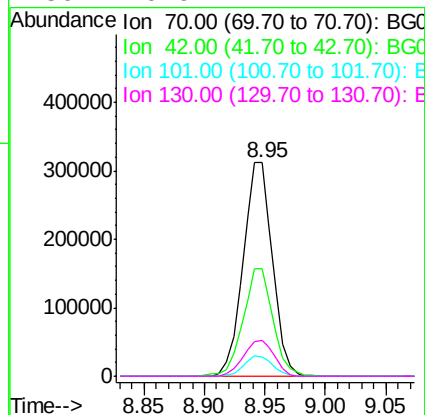
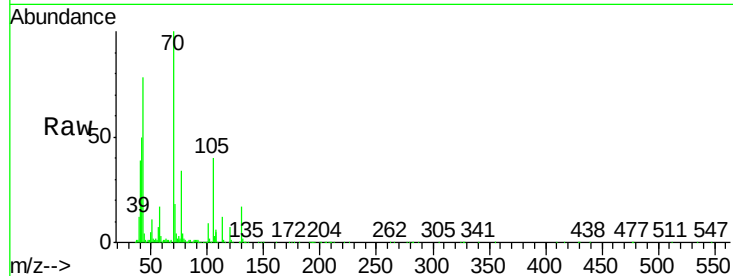
Time-->



#19  
n-Nitroso-di-n-propylamine  
Concen: 36.52 ng  
RT: 8.95 min Scan# 1040  
Delta R.T. 0.01 min  
Lab File: BG023304.D  
Acq: 28 Jul 2016 5:00

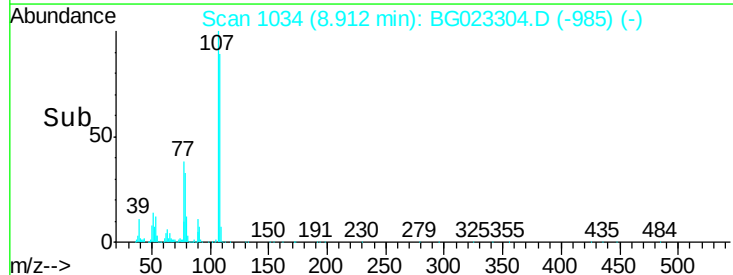
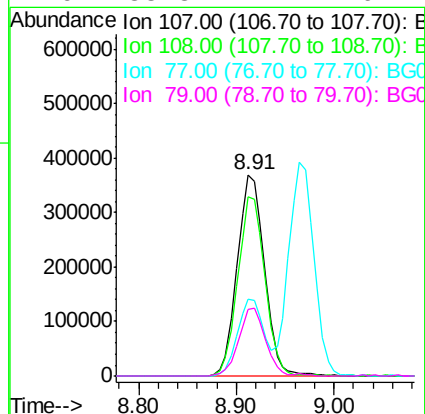
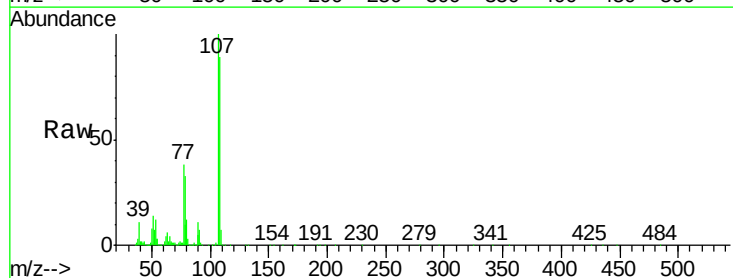
Instrument :  
BNA\_G  
ClientSampleId :  
PB92411BSD

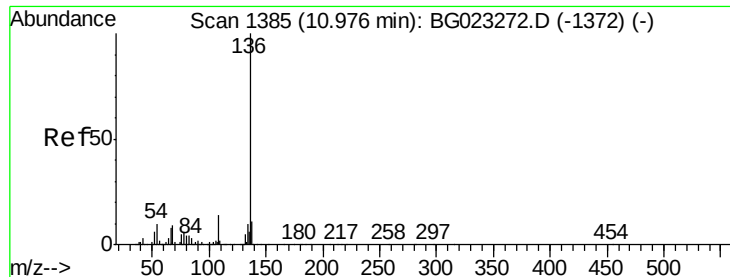
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 525469 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 50.5  | 42.1  | 63.1   |
| 101      | 8.7   | 7.2   | 10.8   |
| 130      | 16.9  | 14.2  | 21.2   |



#20  
3+4-Methylphenols  
Concen: 45.44 ng  
RT: 8.91 min Scan# 1034  
Delta R.T. -0.01 min  
Lab File: BG023304.D  
Acq: 28 Jul 2016 5:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 712904 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 89.1  | 72.5  | 112.5  |
| 77       | 38.0  | 30.1  | 70.1   |
| 79       | 33.3  | 24.2  | 64.2   |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.97 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Instrument :

BNA\_G

ClientSampleId :

PB92411BSD

Tot Ion:136 Resp: 795952

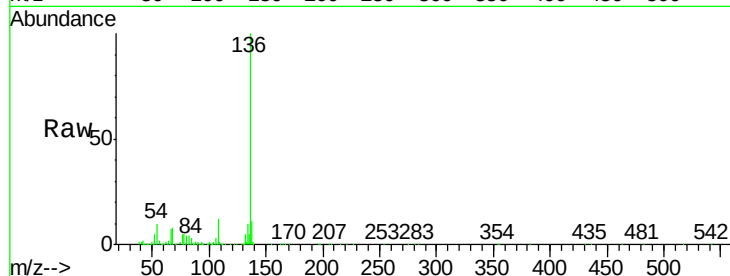
Ion Ratio Lower Upper

136 100

137 10.7 9.6 14.4

54 10.0 7.3 10.9

68 7.8 5.3 7.9

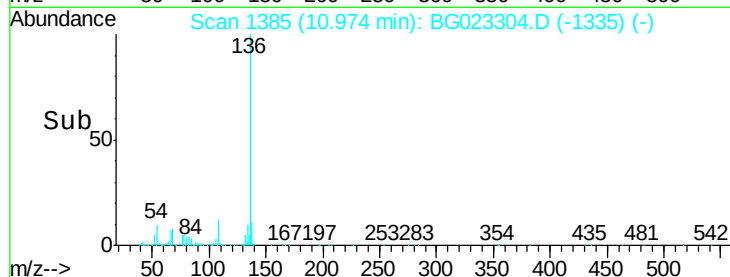


Abundance Ion 136.00 (135.70 to 136.70): E

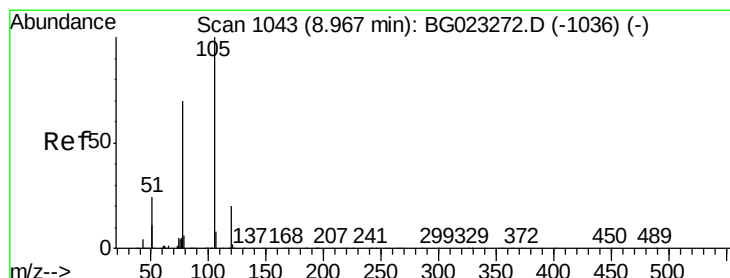
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



Time-->



#22

Acetophenone

Concen: 40.07 ng

RT: 8.97 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Tgt Ion:105 Resp: 832636

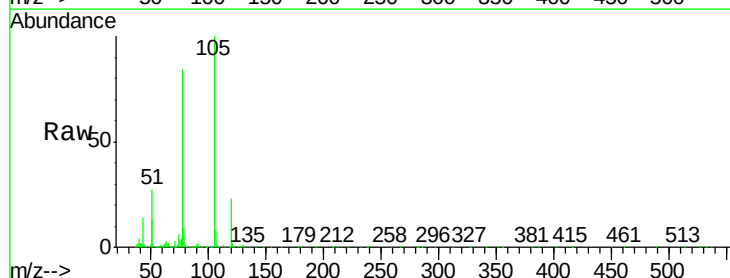
Ion Ratio Lower Upper

105 100

71 0.3 2.6 3.8#

51 27.2 27.1 40.7

120 23.3 15.1 22.7#

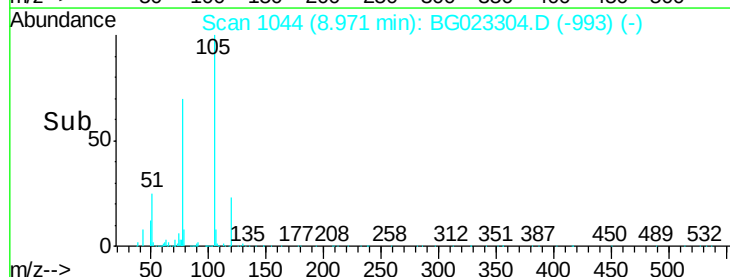


Abundance Ion 105.00 (104.70 to 105.70): E

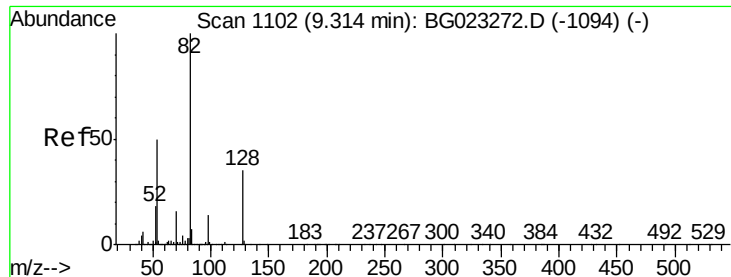
Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E



Time-->



#23

Nitrobenzene-d5

Concen: 83.99 ng

RT: 9.32 min Scan# 1103

Delta R.T. 0.01 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Instrument :

BNA\_G

ClientSampleId :

PB92411BSD

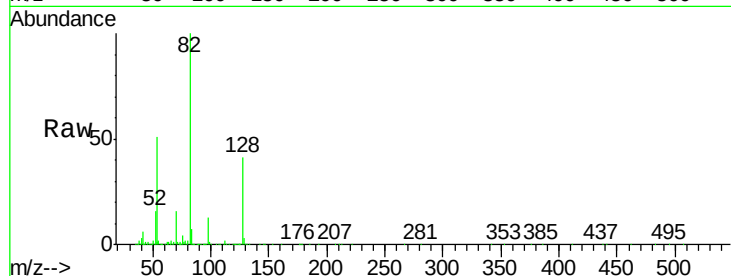
Tot Ion: 82 Resp: 1367002

Ion Ratio Lower Upper

82 100

128 41.3 24.4 36.6#

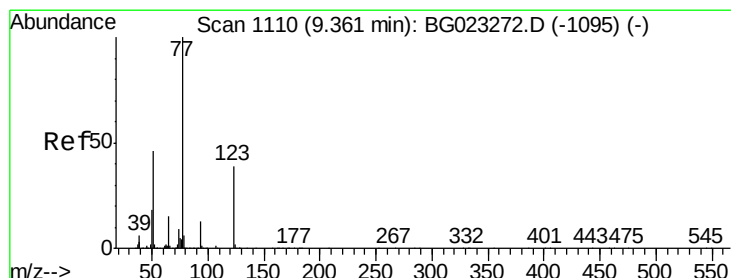
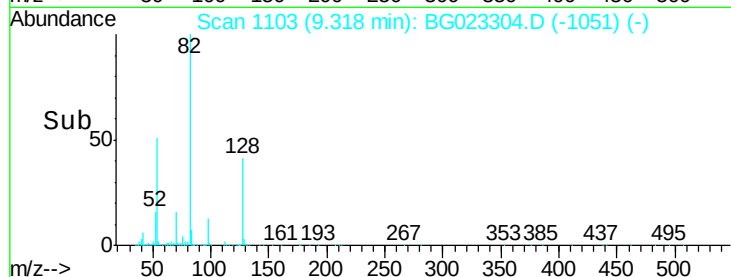
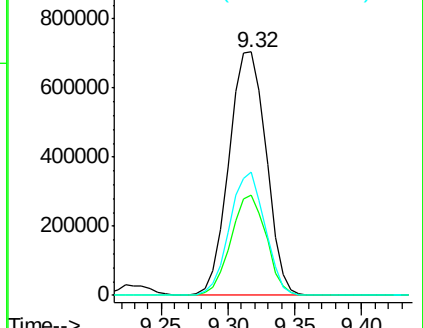
54 50.7 41.4 62.0



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 38.15 ng

RT: 9.36 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

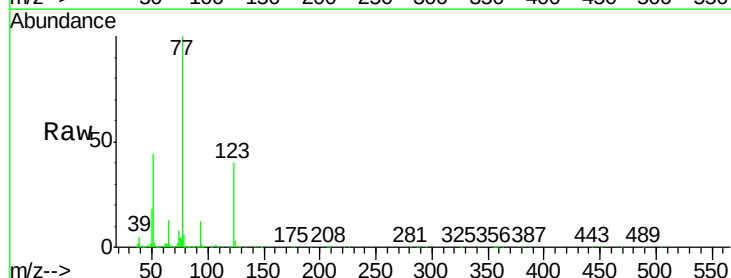
Tgt Ion: 77 Resp: 721154

Ion Ratio Lower Upper

77 100

123 40.2 25.0 37.6#

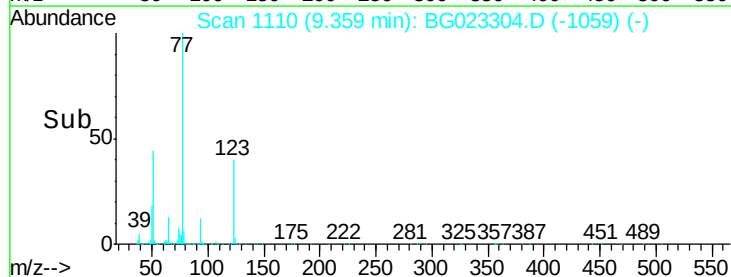
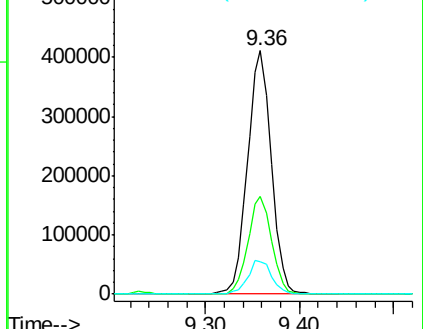
65 13.3 13.4 20.0#



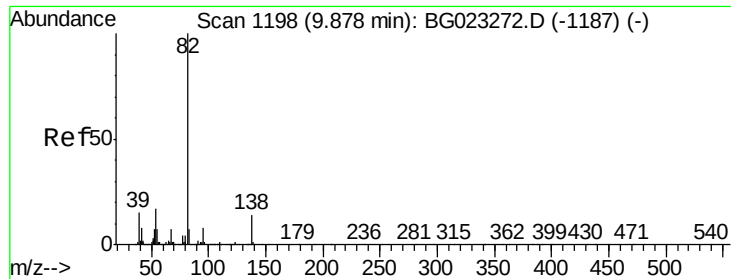
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC







#25

Isophorone

Concen: 40.15 ng

RT: 9.88 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Instrument :

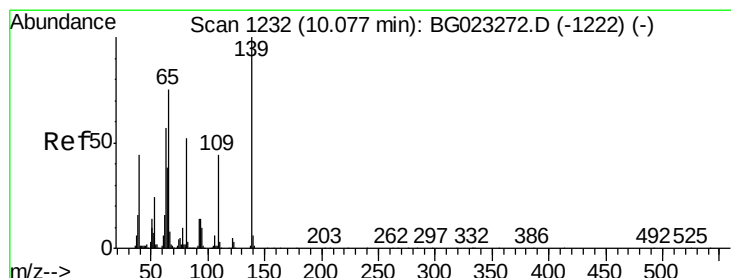
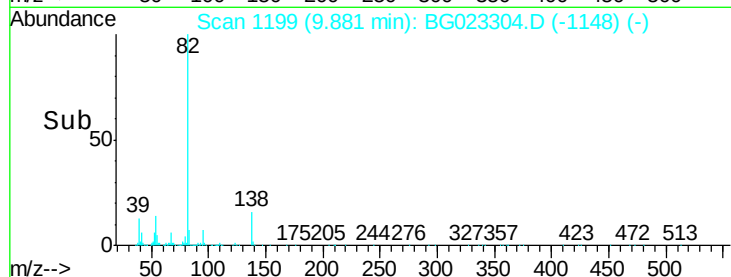
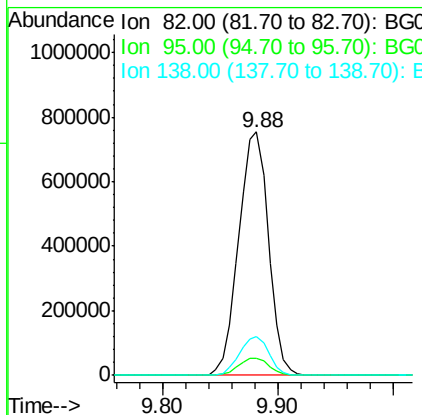
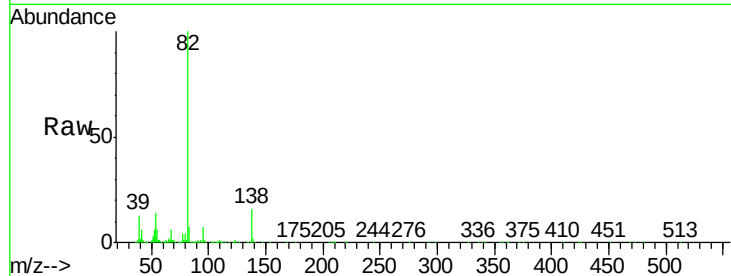
BNA\_G

ClientSampleId :

PB92411BSD

Tot Ion: 82 Resp: 1349876

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 95  | 6.8   | 8.2   | 12.2# |
| 138 | 15.8  | 10.7  | 16.1  |



#26

2-Nitrophenol

Concen: 44.53 ng

RT: 10.08 min Scan# 1232

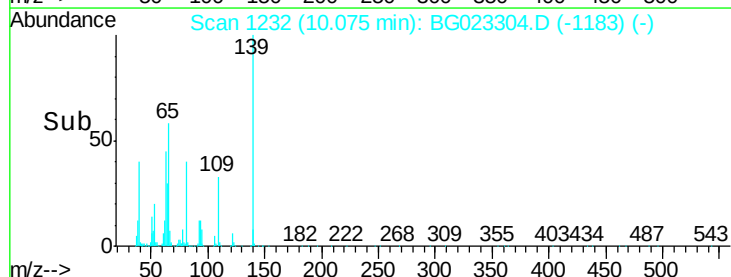
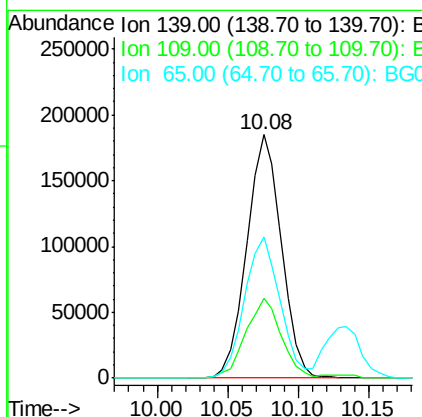
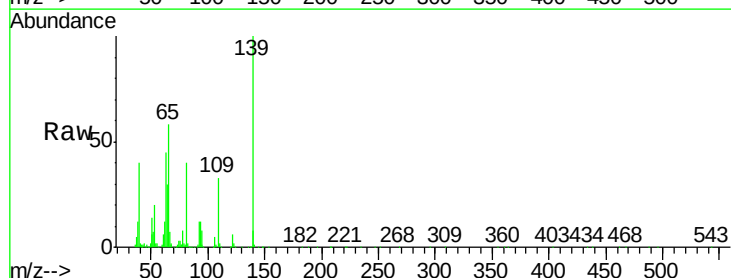
Delta R.T. -0.01 min

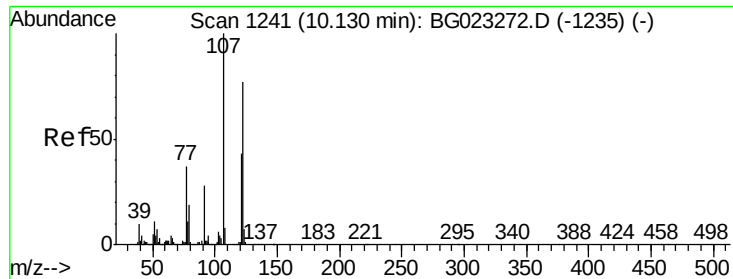
Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Tgt Ion: 139 Resp: 317913

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 139 | 100   |       |       |
| 109 | 32.8  | 43.5  | 65.3# |
| 65  | 57.9  | 64.3  | 96.5# |

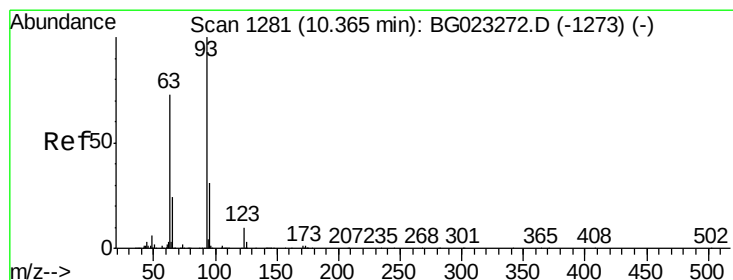
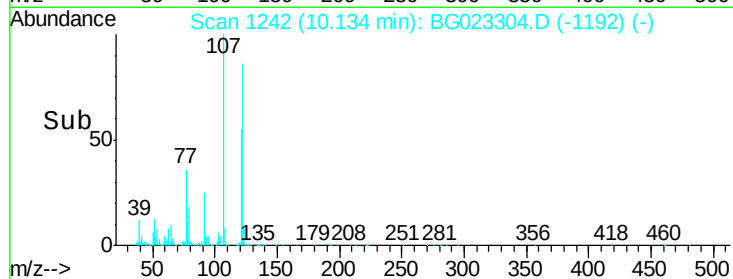
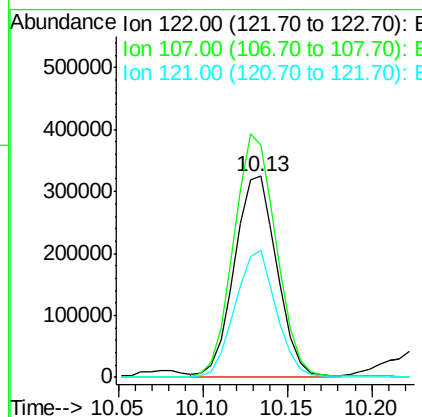
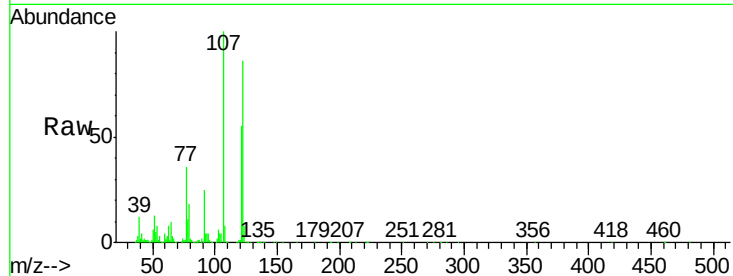




#27  
 2,4-Dimethylphenol  
 Concen: 47.24 ng  
 RT: 10.13 min Scan# 1242  
 Delta R.T. -0.00 min  
 Lab File: BG023304.D  
 Acq: 28 Jul 2016 5:00

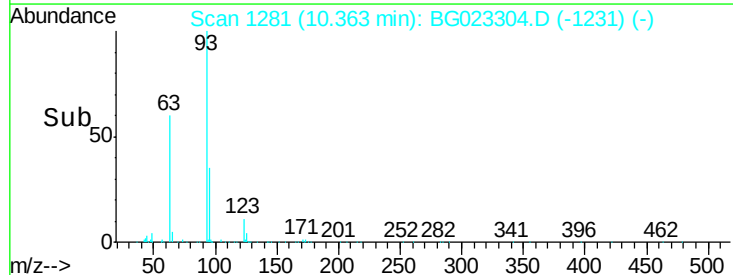
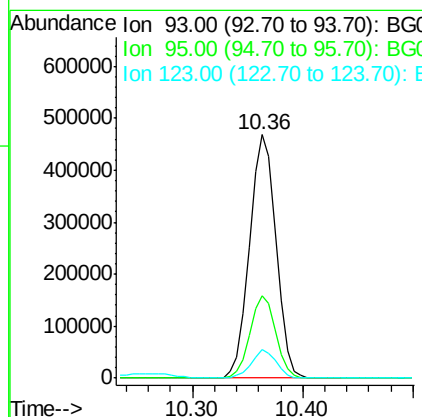
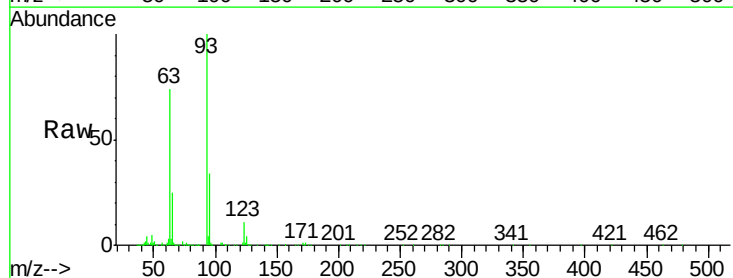
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB92411BSD

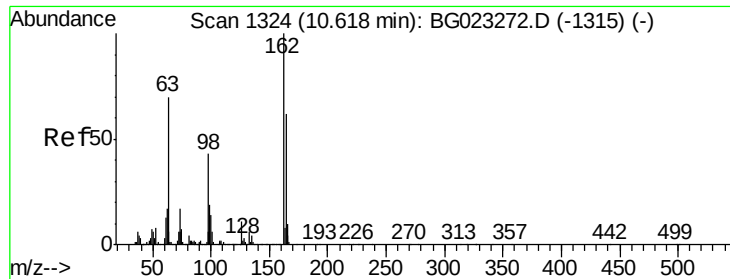
Tot Ion:122 Resp: 568437  
 Ion Ratio Lower Upper  
 122 100  
 107 115.9 117.0 175.4#  
 121 63.4 50.1 75.1



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 41.78 ng  
 RT: 10.36 min Scan# 1281  
 Delta R.T. -0.00 min  
 Lab File: BG023304.D  
 Acq: 28 Jul 2016 5:00

Tgt Ion: 93 Resp: 788163  
 Ion Ratio Lower Upper  
 93 100  
 95 33.7 25.4 38.2  
 123 11.5 8.2 12.2

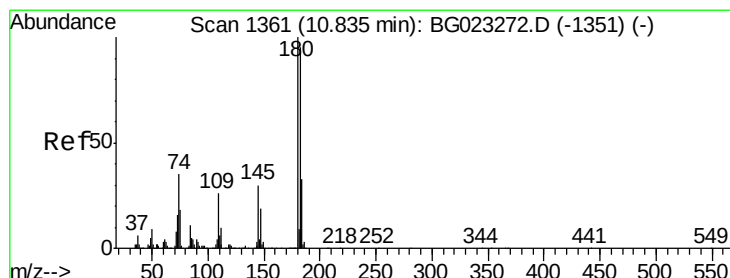
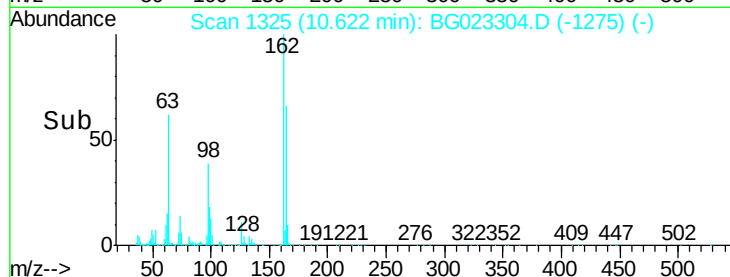
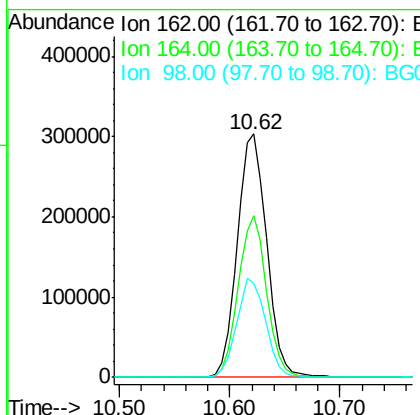
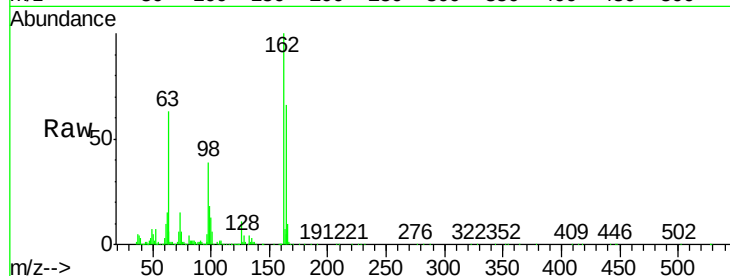




#29  
 2,4-Dichlorophenol  
 Concen: 48.75 ng  
 RT: 10.62 min Scan# 1325  
 Delta R.T. -0.00 min  
 Lab File: BG023304.D  
 Acq: 28 Jul 2016 5:00

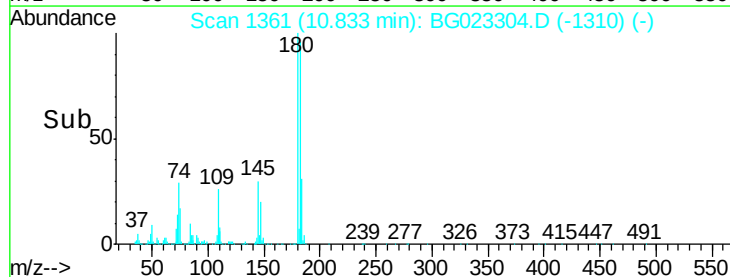
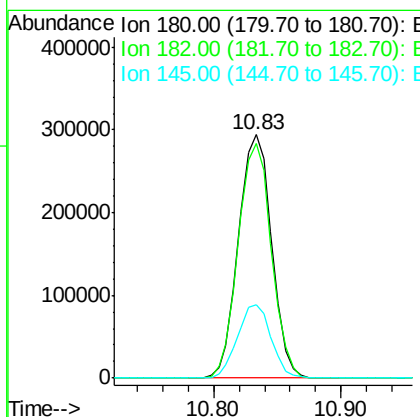
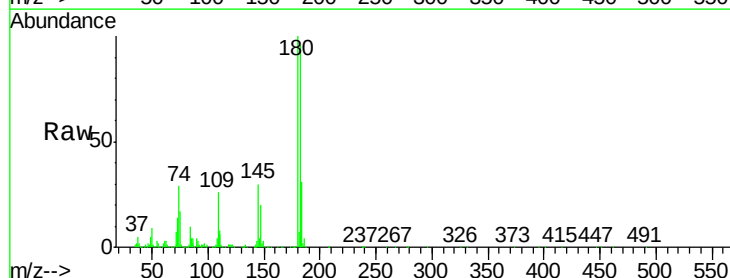
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB92411BSD

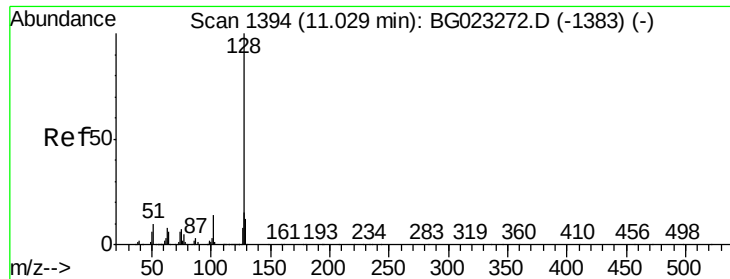
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 66.4  | 44.3  | 84.3  |
| 98      | 38.6  | 19.5  | 59.5  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 41.47 ng  
 RT: 10.83 min Scan# 1361  
 Delta R.T. 0.00 min  
 Lab File: BG023304.D  
 Acq: 28 Jul 2016 5:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.3  | 73.8  | 110.8 |
| 145     | 30.0  | 24.4  | 36.6  |





#31

Naphthalene

Concen: 42.63 ng

RT: 11.03 min Scan# 1394

Delta R.T. -0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Instrument :

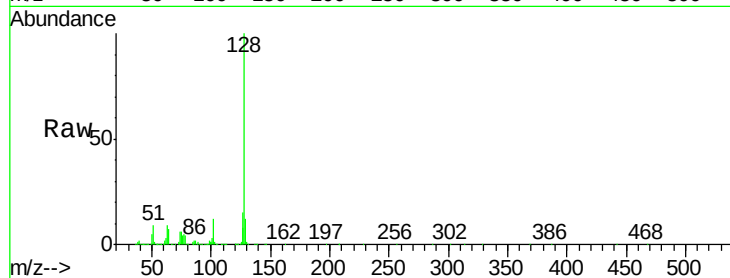
BNA\_G

ClientSampleId :

PB92411BSD

Tot Ion:128 Resp: 1576547

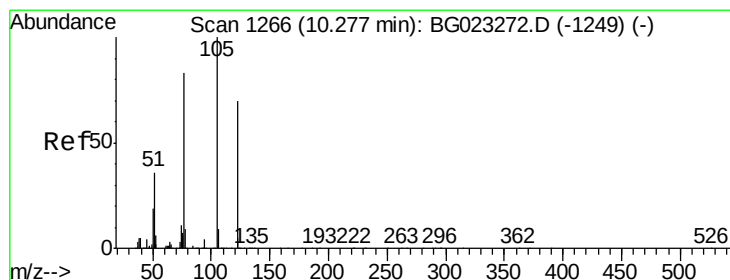
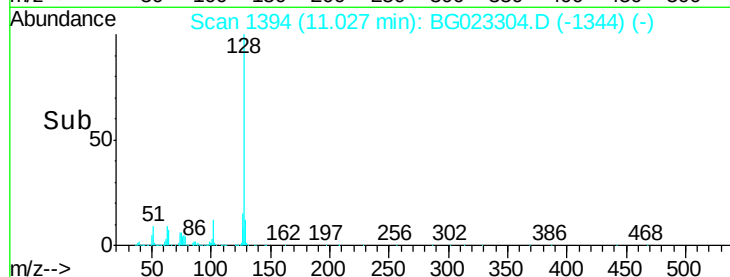
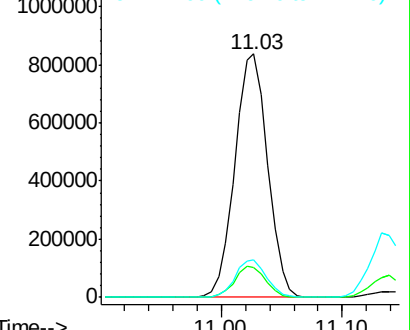
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 129 | 12.2  | 9.4   | 14.0  |
| 127 | 15.5  | 11.3  | 16.9  |



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.20 ng

RT: 10.27 min Scan# 1265

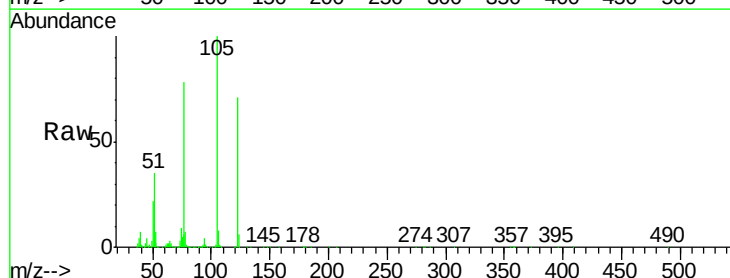
Delta R.T. -0.01 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Tgt Ion:122 Resp: 366525

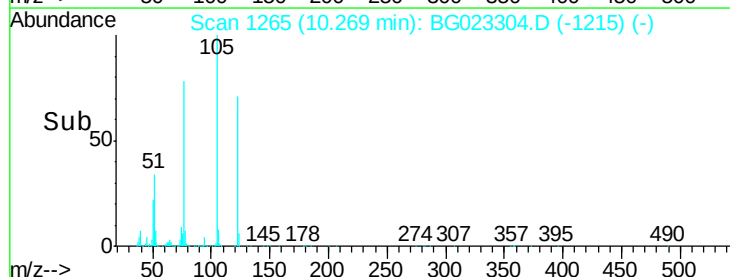
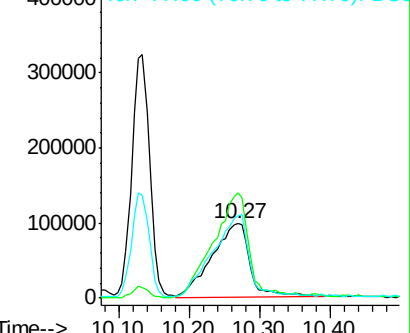
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 122 | 100   |       |       |
| 105 | 141.8 | 117.2 | 157.2 |
| 77  | 110.9 | 109.2 | 149.2 |

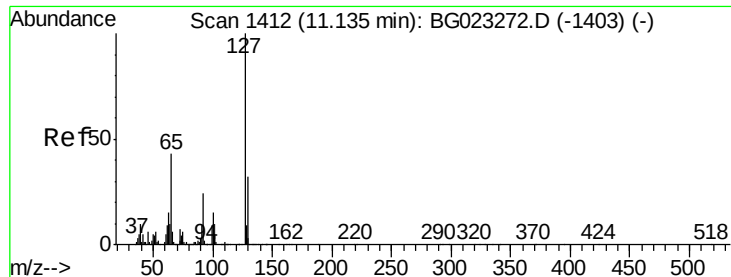


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

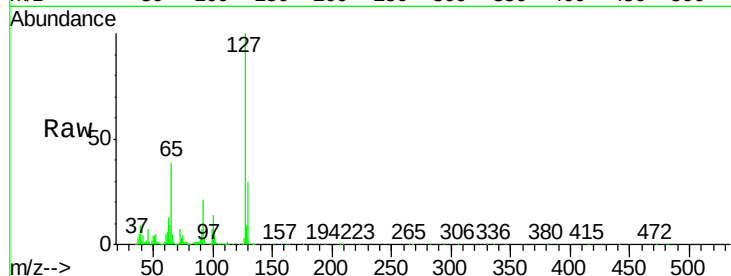




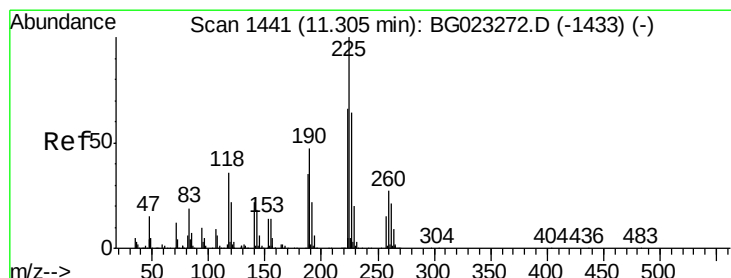
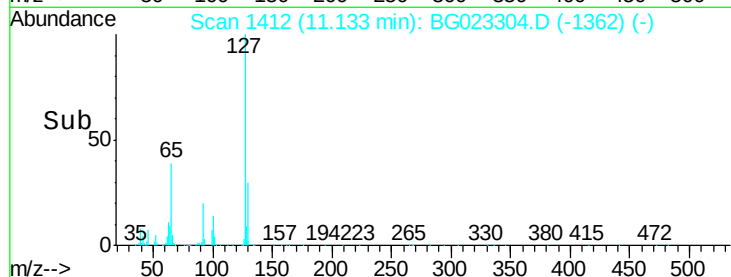
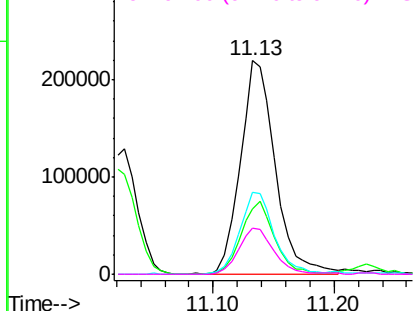
#33  
4-Chloroaniline  
Concen: 25.62 ng  
RT: 11.13 min Scan# 1412  
Delta R.T. -0.00 min  
Lab File: BG023304.D  
Acq: 28 Jul 2016 5:00

Instrument :  
BNA\_G  
ClientSampleId :  
PB92411BSD

|             |       |        |  |
|-------------|-------|--------|--|
| Tot Ion:127 | Resp: | 437707 |  |
| Ion Ratio   | Lower | Upper  |  |
| 127 100     |       |        |  |
| 129 30.4    | 27.9  | 41.9   |  |
| 65 38.6     | 36.8  | 55.2   |  |
| 92 21.3     | 21.0  | 31.6   |  |

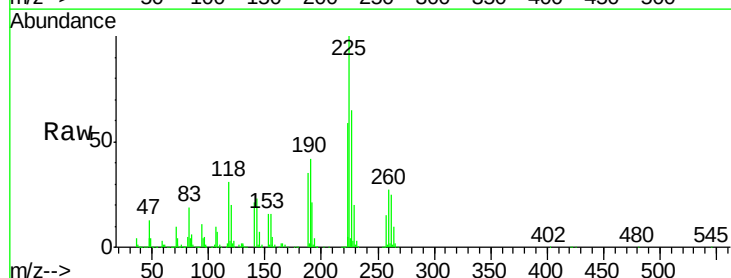


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC

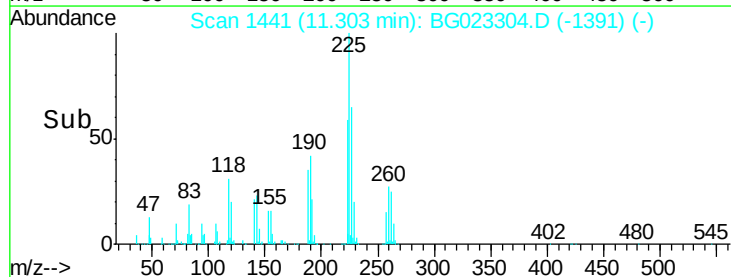
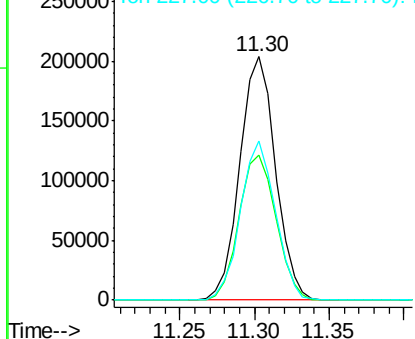


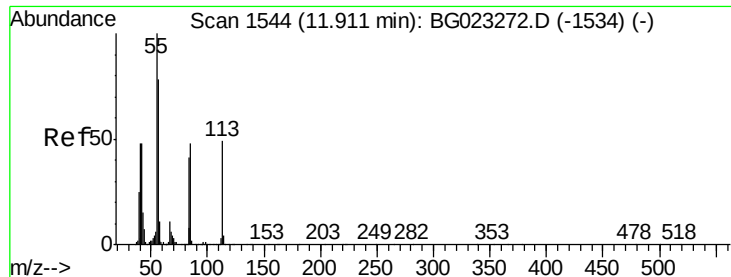
#34  
Hexachlorobutadiene  
Concen: 39.97 ng  
RT: 11.30 min Scan# 1441  
Delta R.T. -0.00 min  
Lab File: BG023304.D  
Acq: 28 Jul 2016 5:00

|         |       |             |              |
|---------|-------|-------------|--------------|
| Tgt Ion | 225   | Resp: Lower | 337256 Upper |
|         | Ratio |             |              |
| 225     | 100   |             |              |
| 223     | 59.4  | 49.6        | 74.4         |
| 227     | 65.2  | 54.5        | 81.7         |



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

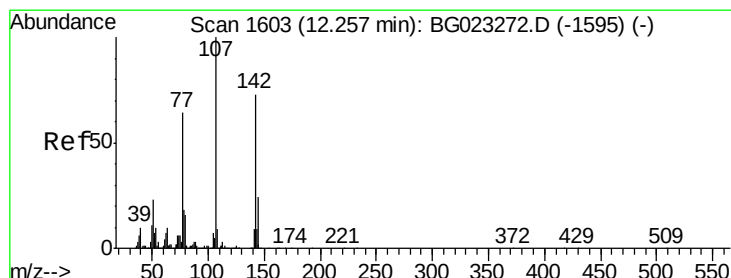
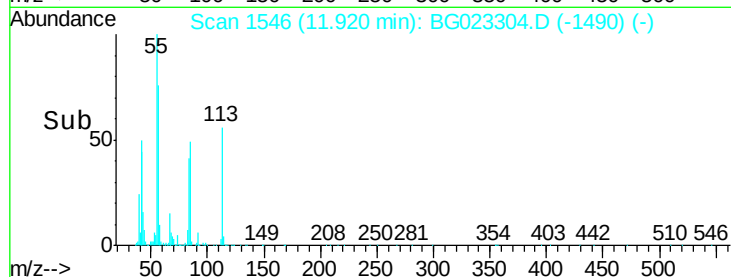
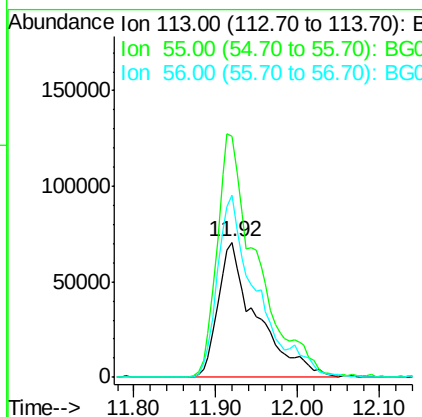
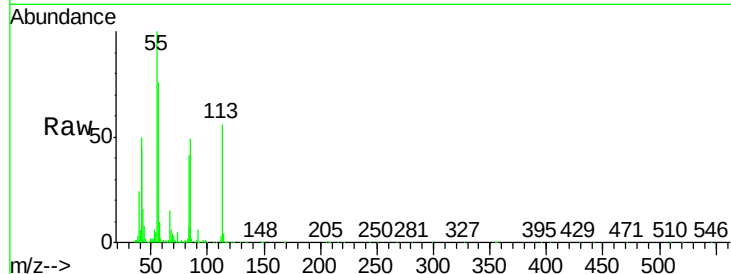




#35  
 Caprolactam  
 Concen: 46.82 ng  
 RT: 11.92 min Scan# 1546  
 Delta R.T. 0.03 min  
 Lab File: BG023304.D  
 Acq: 28 Jul 2016 5:00

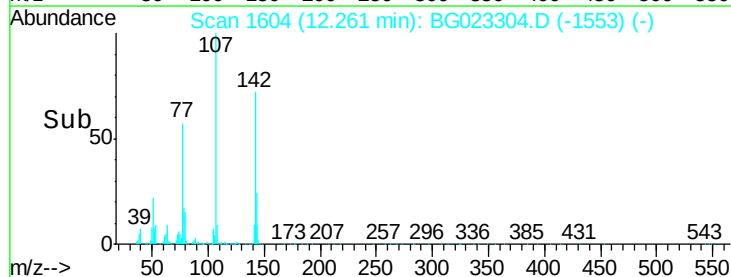
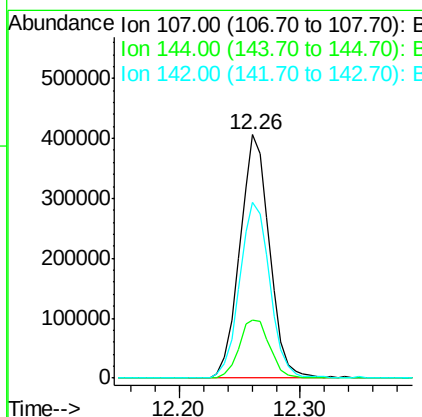
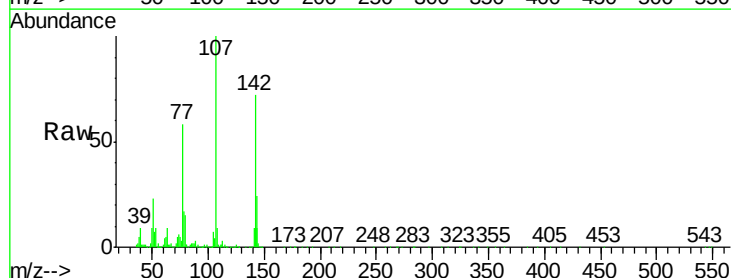
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB92411BSD

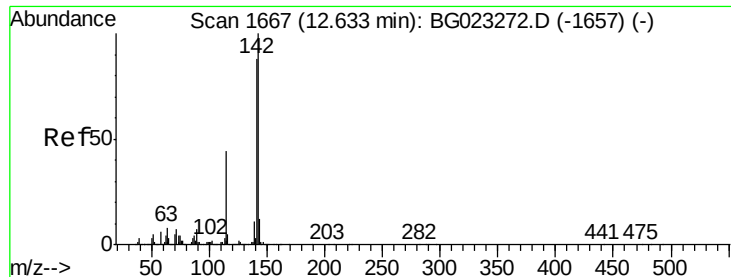
Tot Ion:113 Resp: 231938  
 Ion Ratio Lower Upper  
 113 100  
 55 178.3 154.5 194.5  
 56 134.9 125.1 165.1



#36  
 4-Chloro-3-methylphenol  
 Concen: 45.37 ng  
 RT: 12.26 min Scan# 1604  
 Delta R.T. 0.00 min  
 Lab File: BG023304.D  
 Acq: 28 Jul 2016 5:00

Tgt Ion:107 Resp: 694375  
 Ion Ratio Lower Upper  
 107 100  
 144 23.6 17.0 25.6  
 142 72.1 53.0 79.6

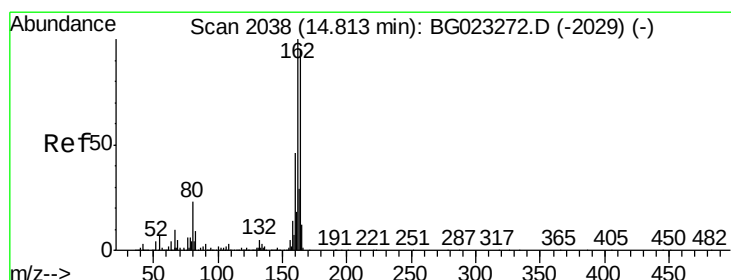
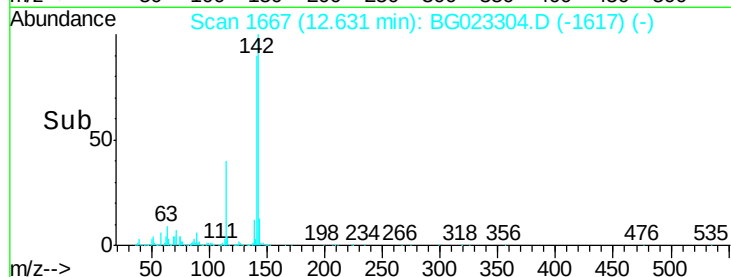
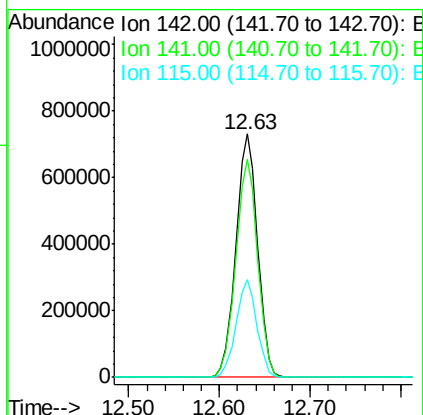
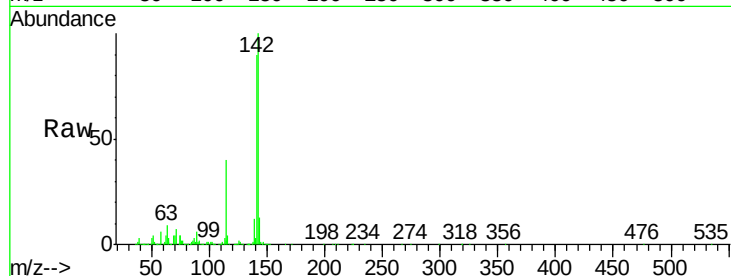




#37  
2-Methylnaphthalene  
Concen: 44.37 ng  
RT: 12.63 min Scan# 1667  
Delta R.T. -0.00 min  
Lab File: BG023304.D  
Acq: 28 Jul 2016 5:00

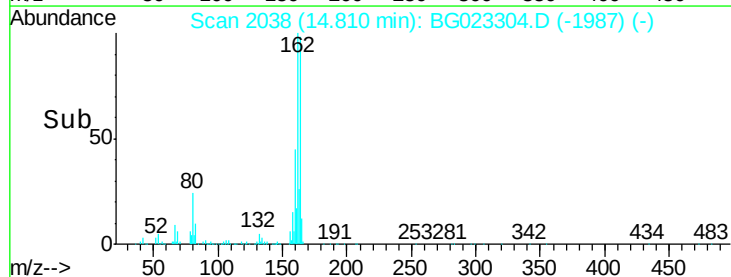
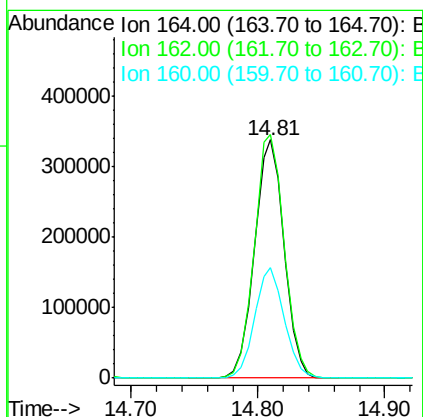
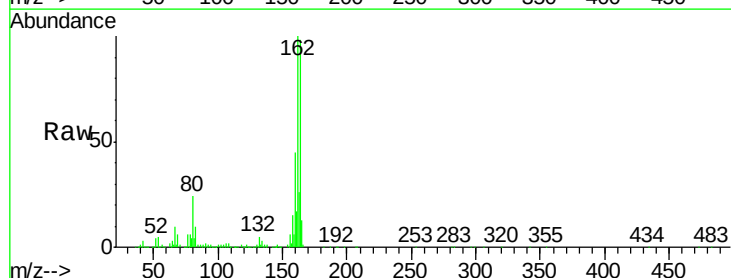
Instrument :  
BNA\_G  
ClientSampleId :  
PB92411BSD

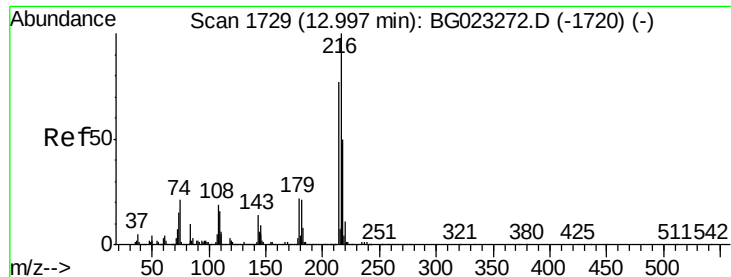
Tot Ion:142 Resp: 1216841  
Ion Ratio Lower Upper  
142 100  
141 89.7 70.2 105.2  
115 39.9 41.7 62.5#



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.81 min Scan# 2038  
Delta R.T. 0.00 min  
Lab File: BG023304.D  
Acq: 28 Jul 2016 5:00

Tgt Ion:164 Resp: 548114  
Ion Ratio Lower Upper  
164 100  
162 102.1 87.7 131.5  
160 46.2 37.2 55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.58 ng

RT: 12.99 min Scan# 1729

Delta R.T. -0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Instrument :

BNA\_G

ClientSampleId :

PB92411BSD

Tot Ion:216 Resp: 631369

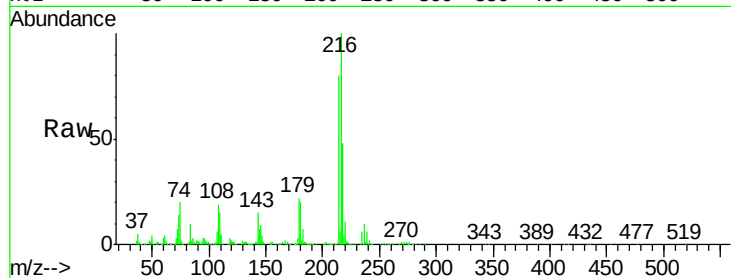
Ion Ratio Lower Upper

216 100

214 79.6 62.9 94.3

179 21.8 17.2 25.8

108 22.5 16.3 24.5

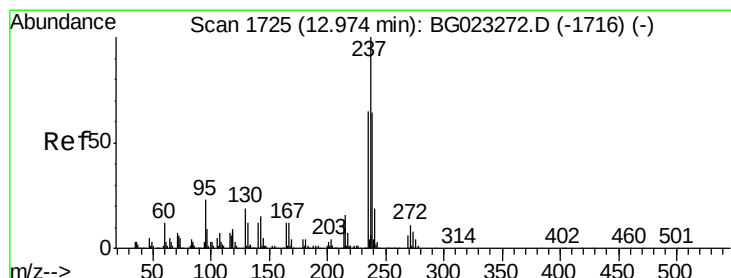
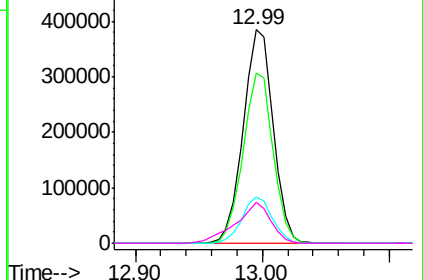
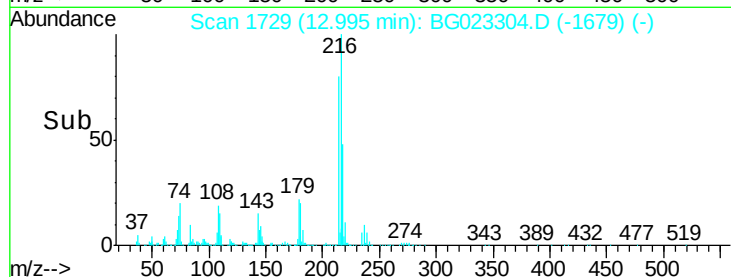


Abundance Ion 216.00 (215.70 to 216.70): E

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: 98.49 ng

RT: 12.97 min Scan# 1725

Delta R.T. -0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

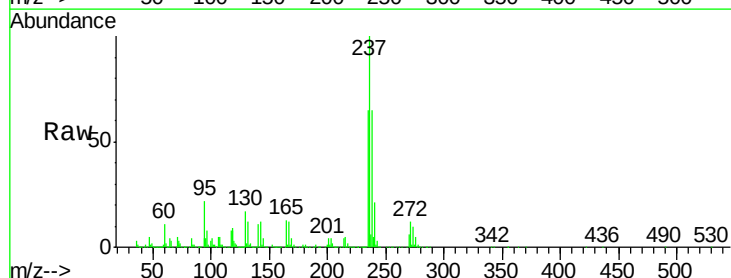
Tgt Ion:237 Resp: 828131

Ion Ratio Lower Upper

237 100

235 64.5 43.1 83.1

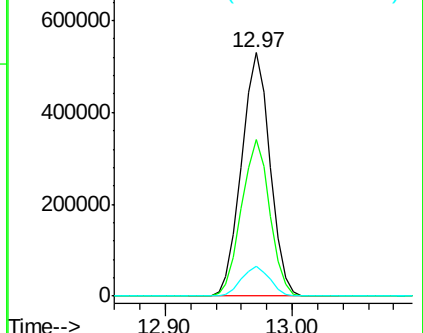
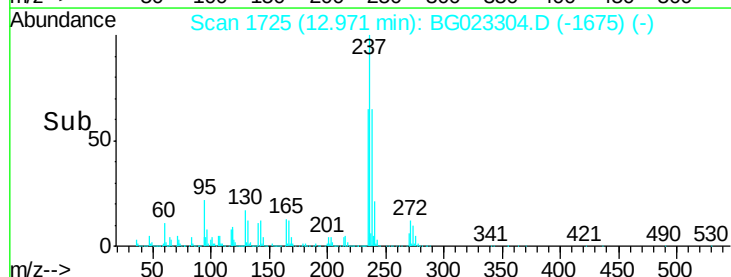
272 12.2 0.0 30.9



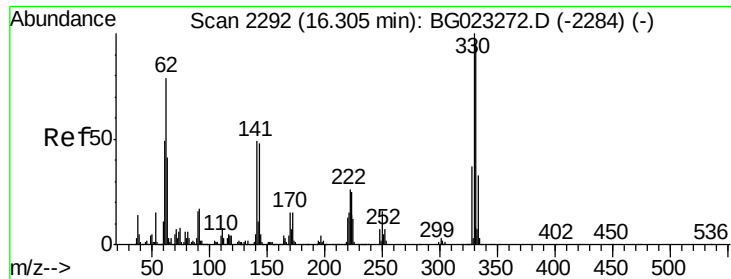
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



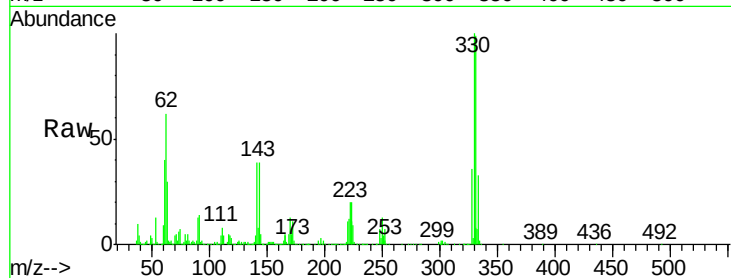




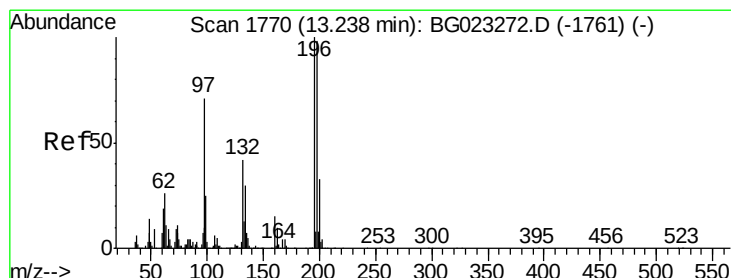
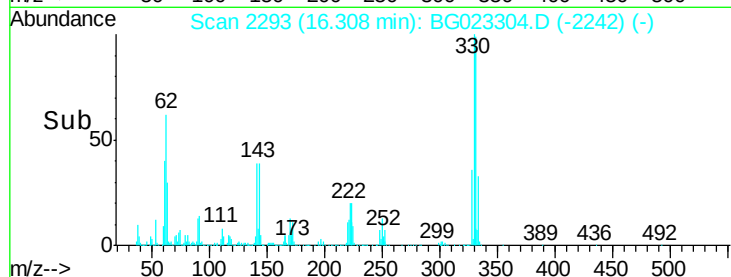
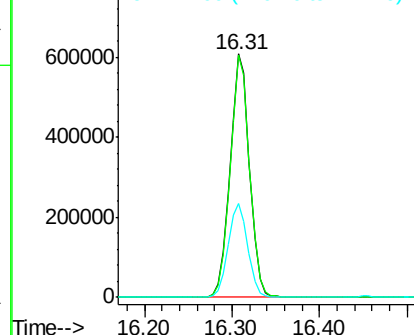
#41  
 2,4,6-Tribromophenol  
 Concen: 161.24 ng  
 RT: 16.31 min Scan# 2293  
 Delta R.T. 0.00 min  
 Lab File: BG023304.D  
 Acq: 28 Jul 2016 5:00

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB92411BSD

Tot Ion:330 Resp: 914746  
 Ion Ratio Lower Upper  
 330 100  
 332 98.9 77.4 116.2  
 141 39.1 31.7 47.5

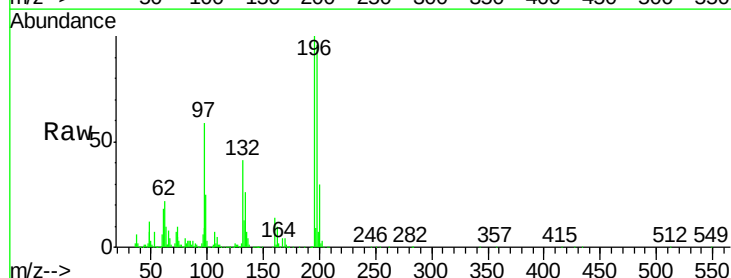


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

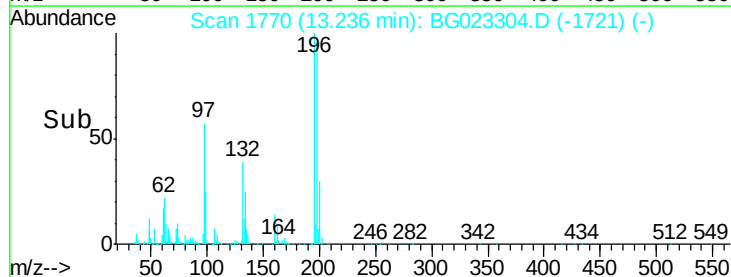
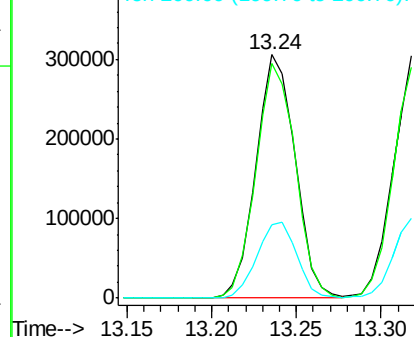


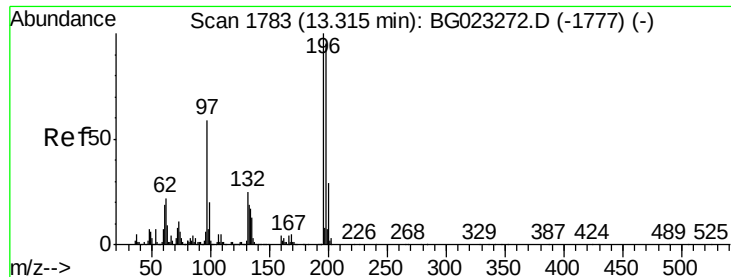
#42  
 2,4,6-Trichlorophenol  
 Concen: 47.37 ng  
 RT: 13.24 min Scan# 1770  
 Delta R.T. -0.01 min  
 Lab File: BG023304.D  
 Acq: 28 Jul 2016 5:00

Tgt Ion:196 Resp: 493722  
 Ion Ratio Lower Upper  
 196 100  
 198 96.2 78.2 117.2  
 200 29.9 27.0 40.4



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

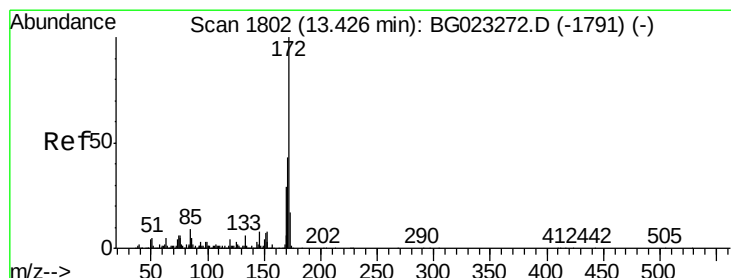
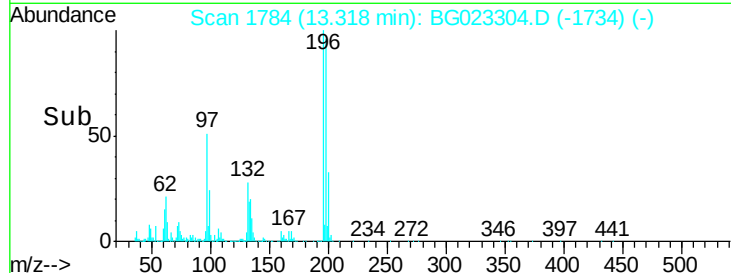
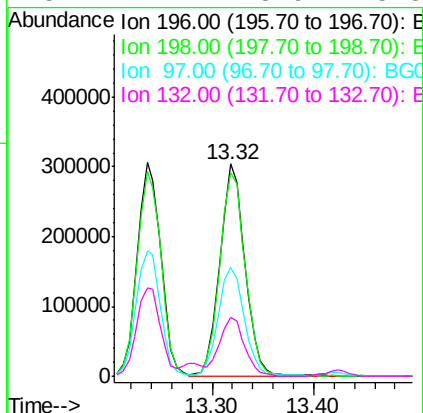
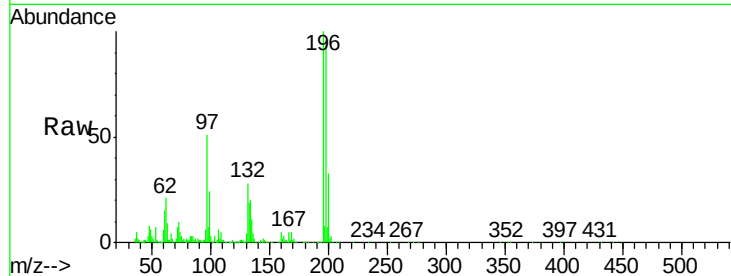




#43  
 2,4,5-Trichlorophenol  
 Concen: 46.89 ng  
 RT: 13.32 min Scan# 1784  
 Delta R.T. -0.00 min  
 Lab File: BG023304.D  
 Acq: 28 Jul 2016 5:00

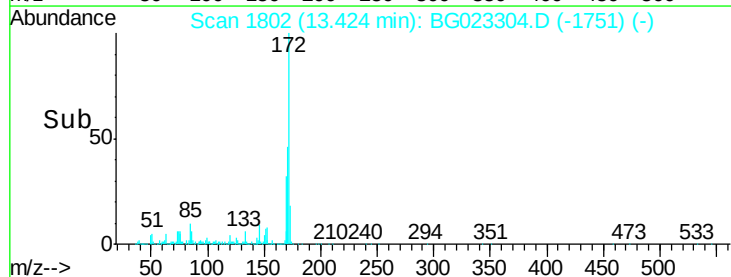
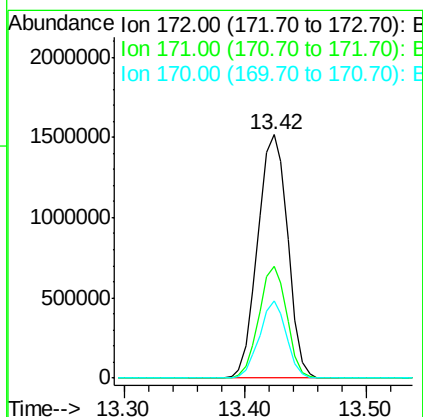
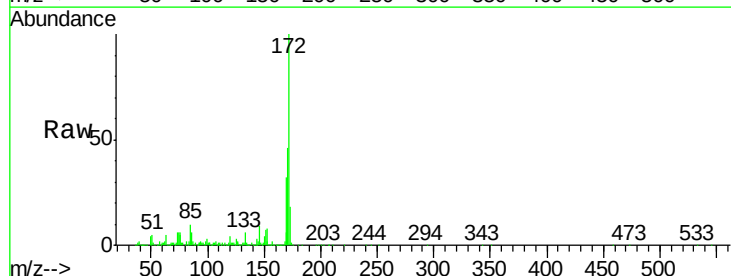
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB92411BSD

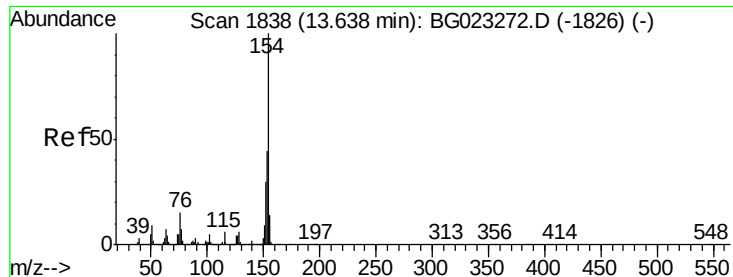
Tot Ion:196 Resp: 518469  
 Ion Ratio Lower Upper  
 196 100  
 198 95.6 85.7 128.5  
 97 51.3 45.5 68.3  
 132 27.7 18.9 28.3



#44  
 2-Fluorobiphenyl  
 Concen: 89.62 ng  
 RT: 13.42 min Scan# 1802  
 Delta R.T. 0.00 min  
 Lab File: BG023304.D  
 Acq: 28 Jul 2016 5:00

Tgt Ion:172 Resp: 2624681  
 Ion Ratio Lower Upper  
 172 100  
 171 45.8 31.6 47.4  
 170 31.7 21.3 31.9





#45

1,1'-Biphenyl

Concen: 42.17 ng

RT: 13.64 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Instrument :

BNA\_G

ClientSampleId :

PB92411BSD

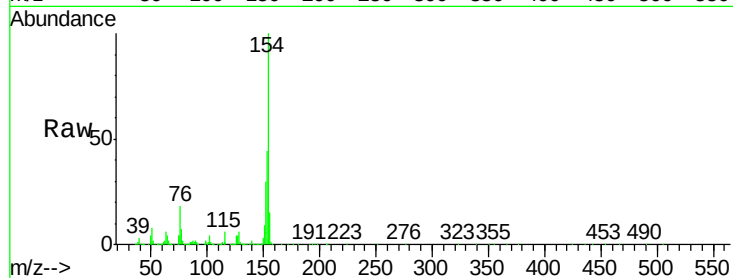
Tot Ion:154 Resp: 1612046

Ion Ratio Lower Upper

154 100

153 44.4 20.2 60.2

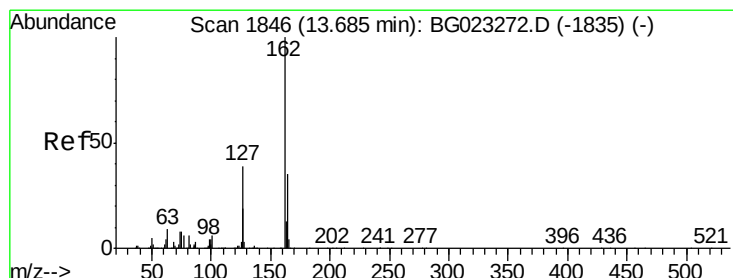
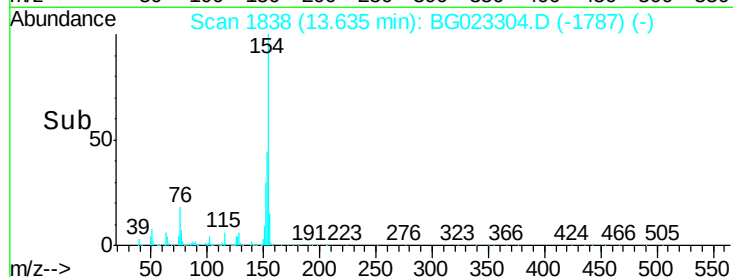
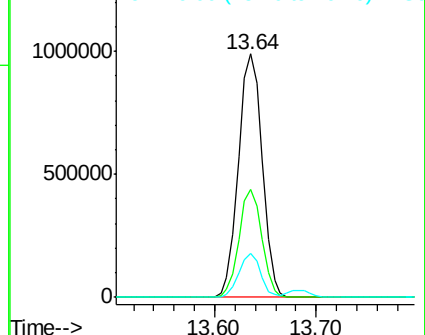
76 18.0 0.0 32.9



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: 41.88 ng

RT: 13.68 min Scan# 1846

Delta R.T. 0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

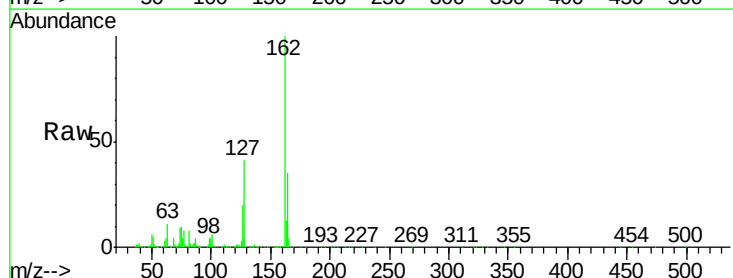
Tgt Ion:162 Resp: 1282733

Ion Ratio Lower Upper

162 100

127 41.4 32.4 48.6

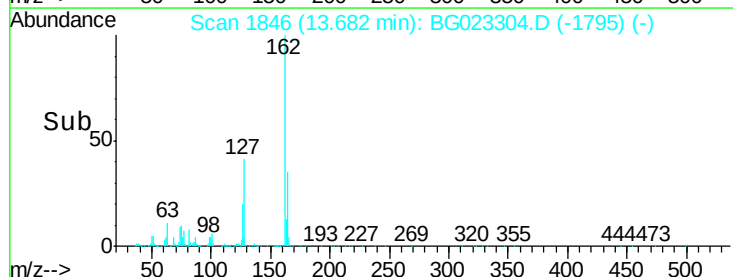
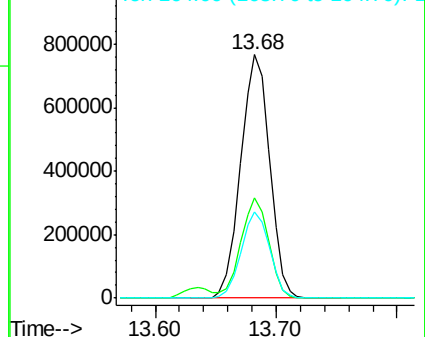
164 35.2 25.2 37.8

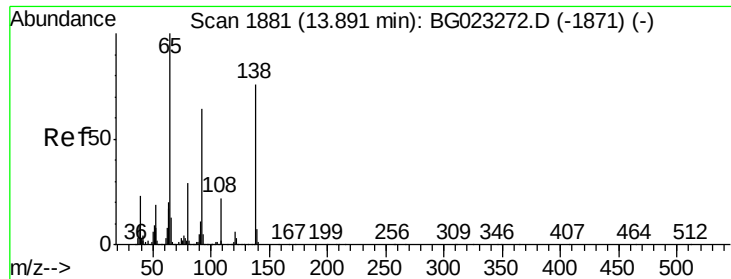


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 42.45 ng

RT: 13.89 min Scan# 1881

Delta R.T. 0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Instrument :

BNA\_G

ClientSampleId :

PB92411BSD

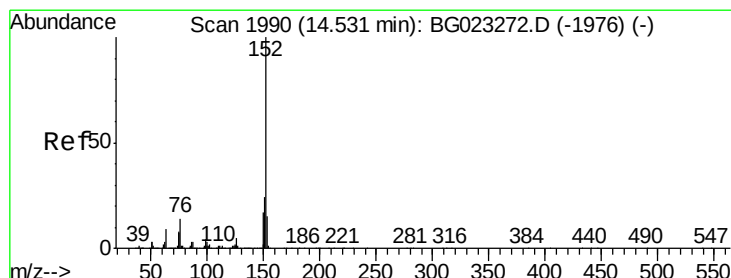
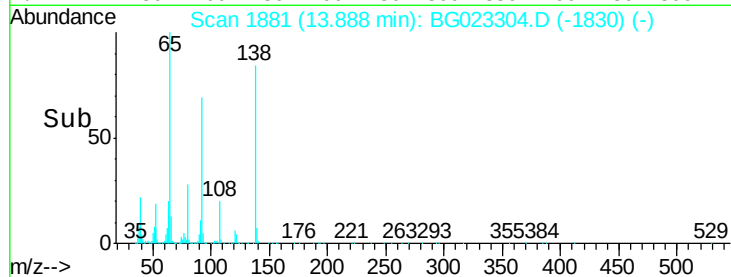
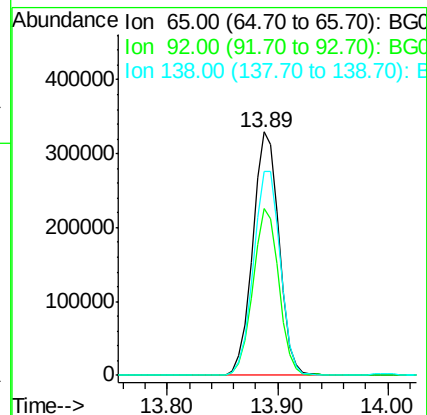
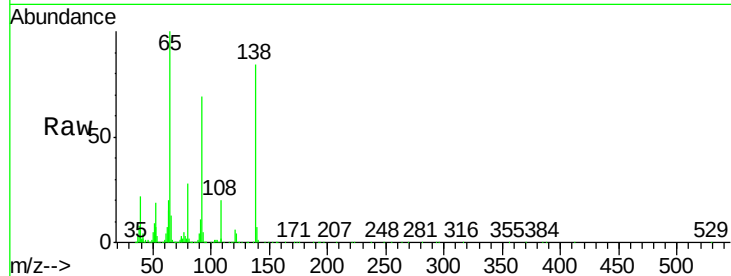
Tot Ion: 65 Resp: 550018

Ion Ratio Lower Upper

65 100

92 68.6 49.4 74.0

138 83.7 58.0 87.0



#48

Acenaphthylene

Concen: 43.23 ng

RT: 14.53 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

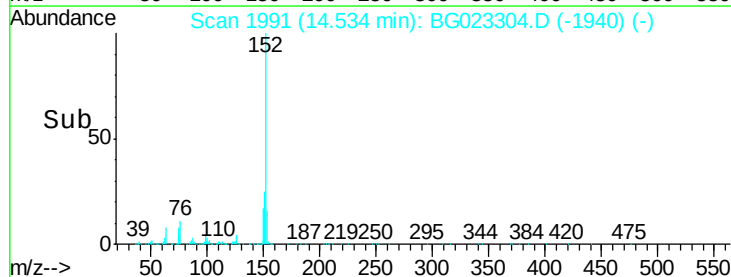
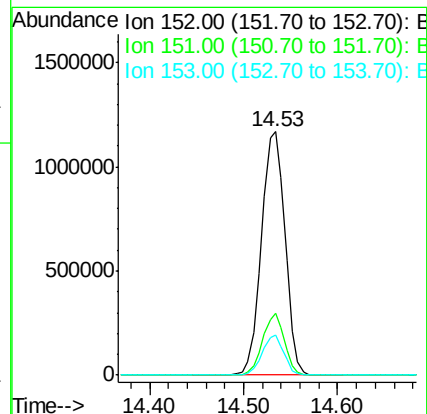
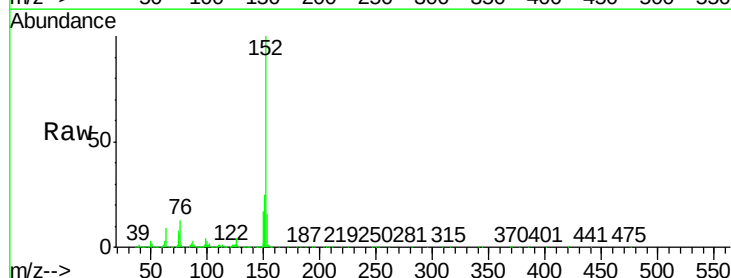
Tgt Ion: 152 Resp: 2027466

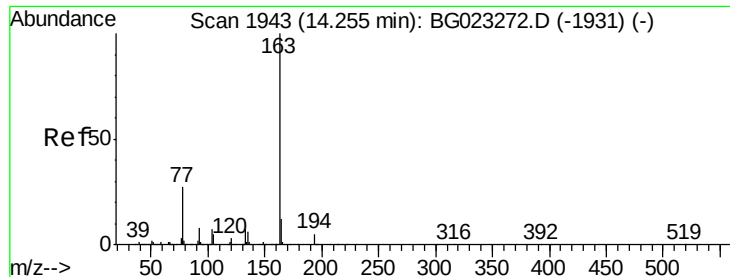
Ion Ratio Lower Upper

152 100

151 25.4 17.6 26.4

153 16.2 11.4 17.2





#49

Dimethylphthalate

Concen: 41.26 ng

RT: 14.25 min Scan# 1943

Delta R.T. 0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Instrument :

BNA\_G

ClientSampleId :

PB92411BSD

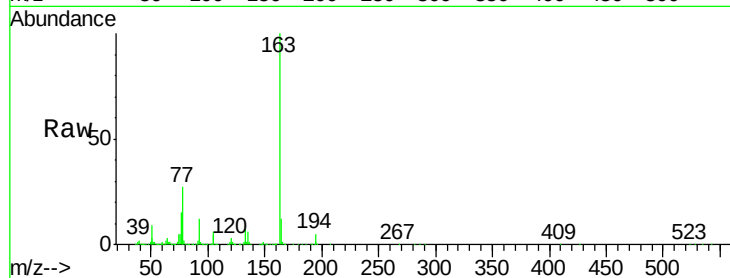
Tot Ion:163 Resp: 1668889

Ion Ratio Lower Upper

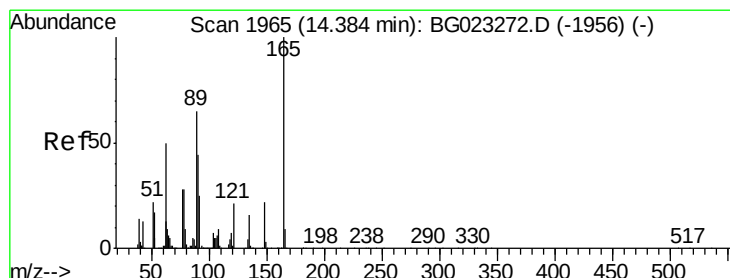
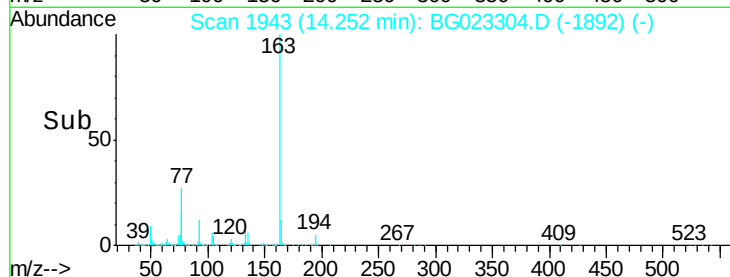
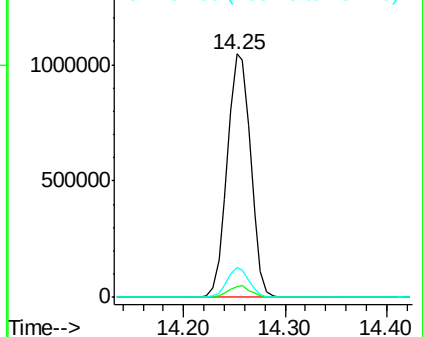
163 100

194 4.6 3.6 5.4

164 12.4 8.1 12.1#



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: 43.33 ng

RT: 14.38 min Scan# 1965

Delta R.T. 0.01 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

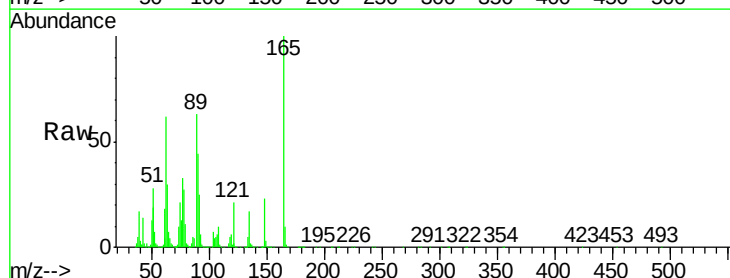
Tgt Ion:165 Resp: 410437

Ion Ratio Lower Upper

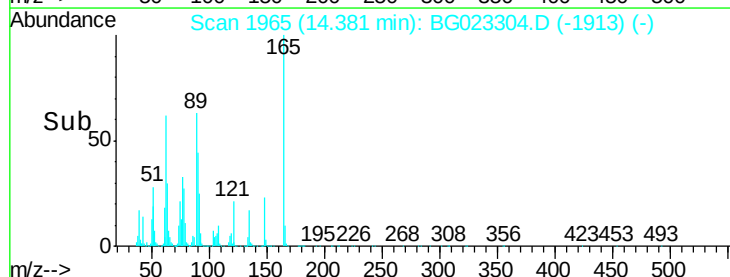
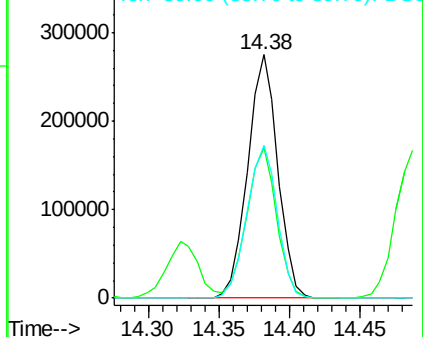
165 100

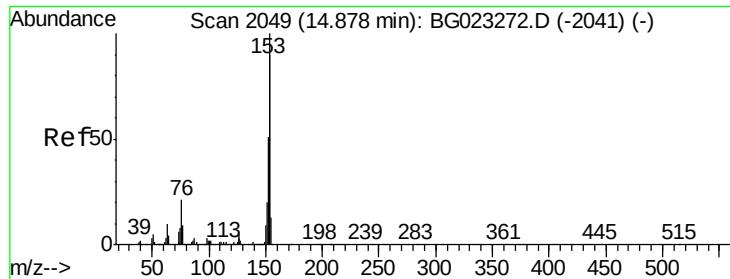
63 61.7 64.3 96.5#

89 62.8 64.3 96.5#



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





#51

Acenaphthene

Concen: 42.66 ng

RT: 14.87 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Instrument :

BNA\_G

ClientSampleId :

PB92411BSD

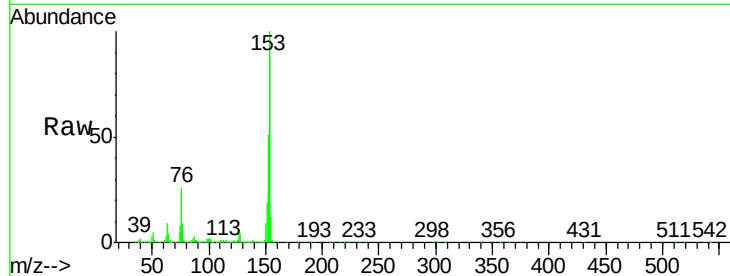
Tot Ion:154 Resp: 1297809

Ion Ratio Lower Upper

154 100

153 112.5 87.5 131.3

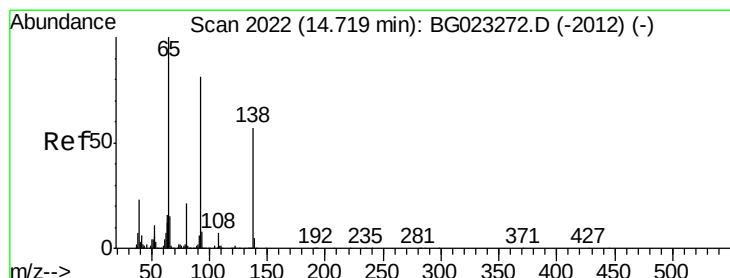
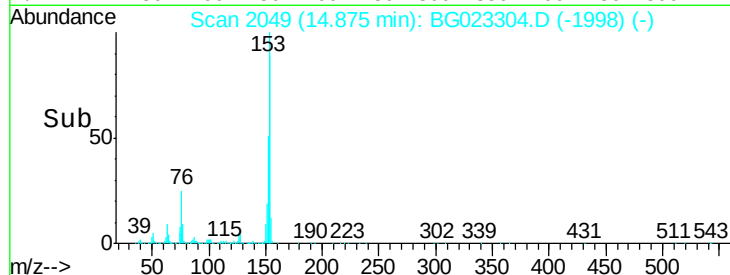
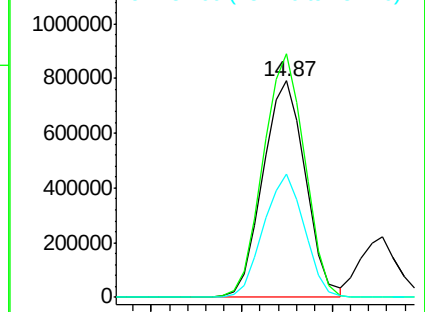
152 57.1 42.7 64.1



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: 40.38 ng

RT: 14.72 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

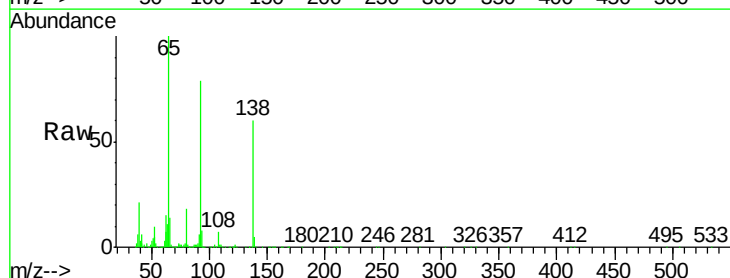
Tgt Ion:138 Resp: 385248

Ion Ratio Lower Upper

138 100

108 12.4 11.7 17.5

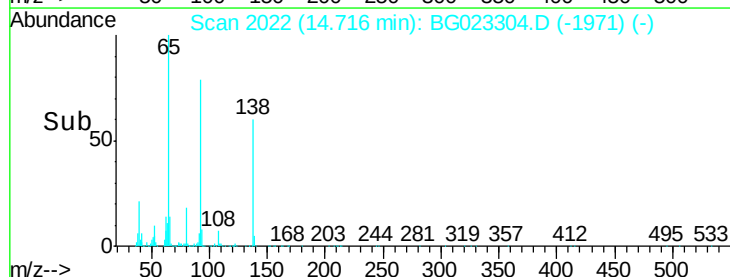
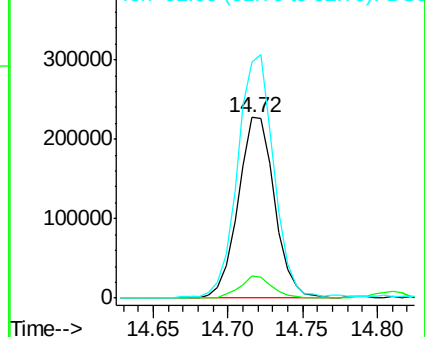
92 131.0 129.7 194.5

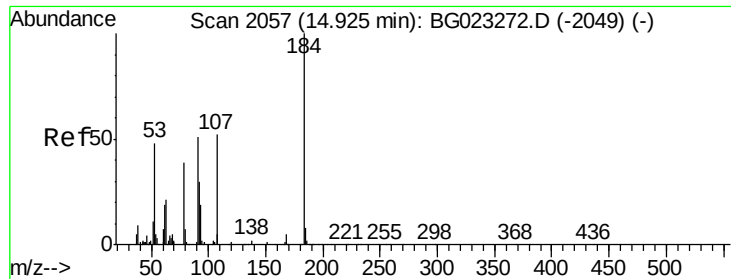


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 91.65 ng

RT: 14.93 min Scan# 2058

Delta R.T. 0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Instrument :

BNA\_G

ClientSampleId :

PB92411BSD

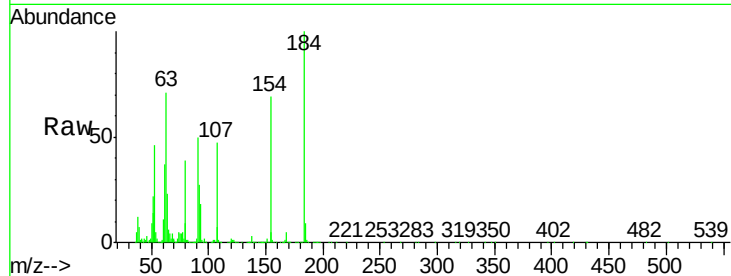
Tot Ion:184 Resp: 508275

Ion Ratio Lower Upper

184 100

63 71.2 59.6 89.4

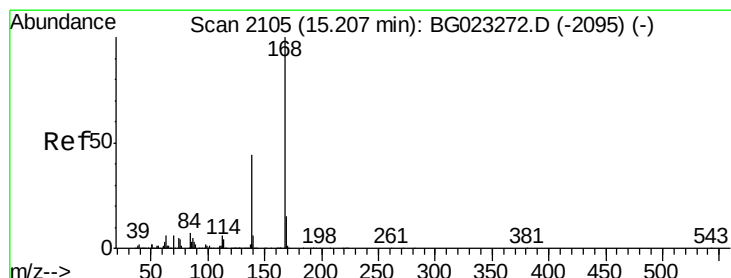
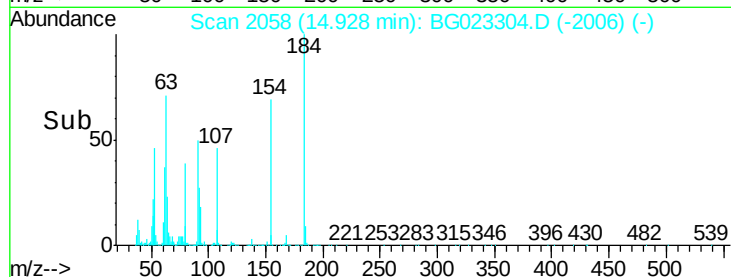
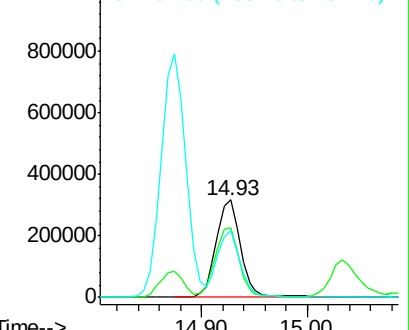
154 69.4 67.4 101.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 46.50 ng

RT: 15.21 min Scan# 2106

Delta R.T. 0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

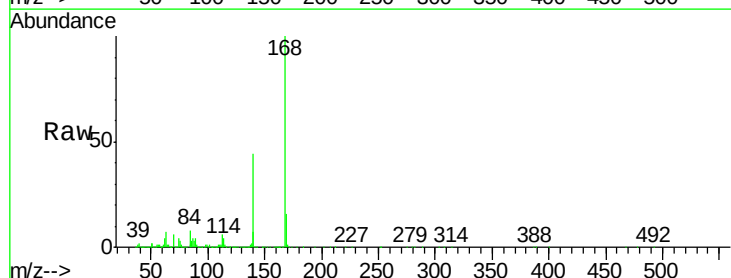
Tgt Ion:168 Resp: 2001605

Ion Ratio Lower Upper

168 100

139 43.6 36.4 54.6

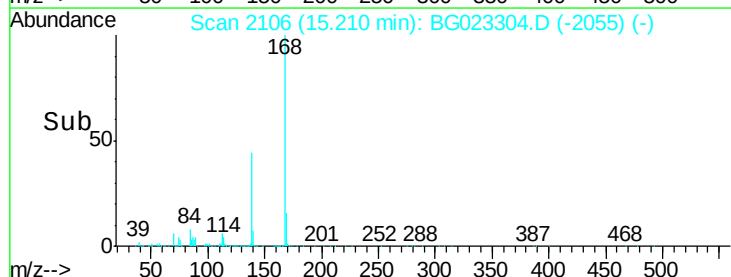
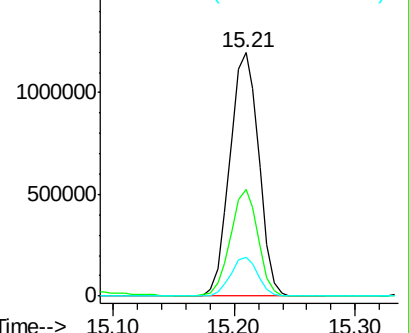
169 16.0 11.9 17.9

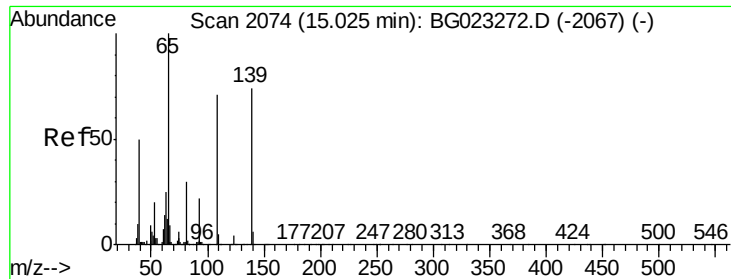


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

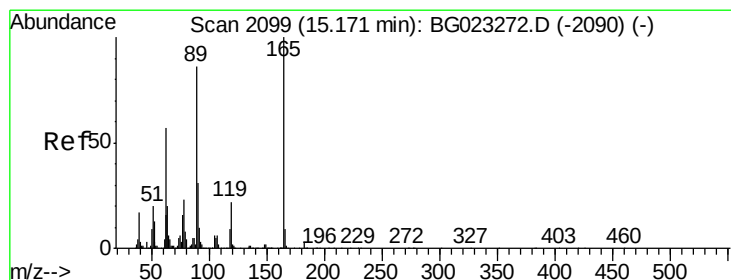
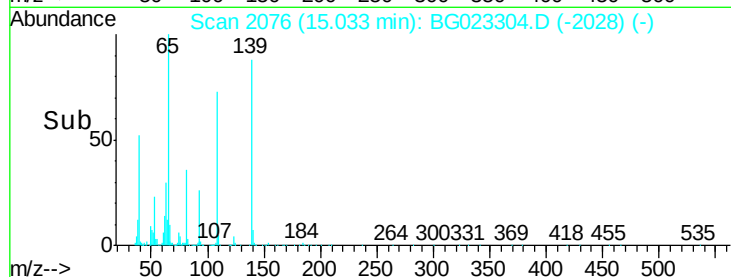
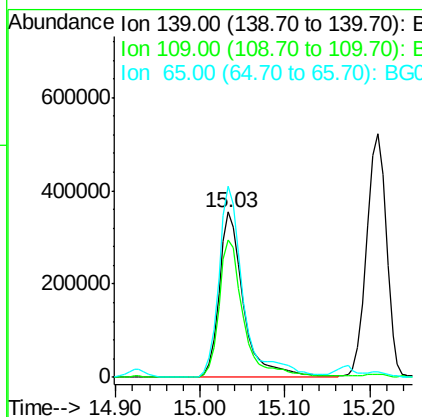
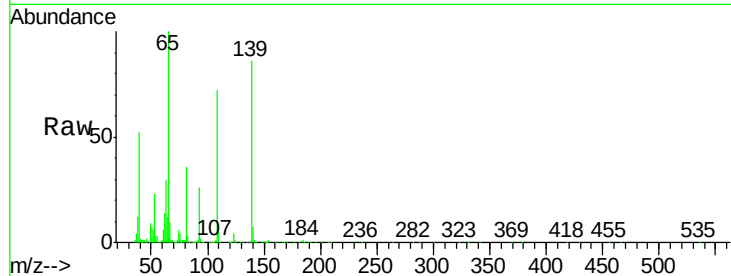




#55  
4-Nitrophenol  
Concen: 86.48 ng  
RT: 15.03 min Scan# 2076  
Delta R.T. -0.02 min  
Lab File: BG023304.D  
Acq: 28 Jul 2016 5:00

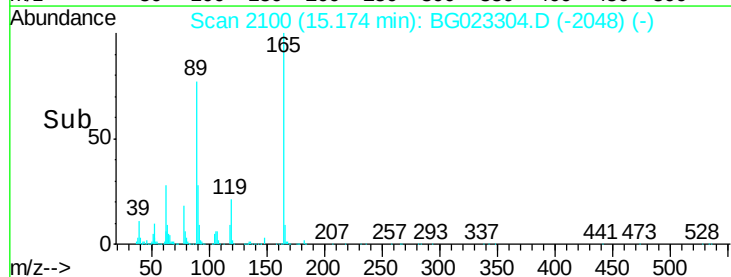
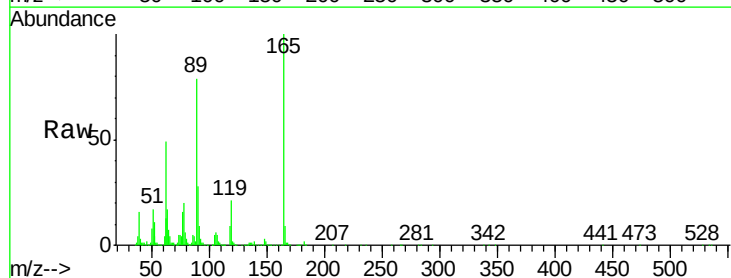
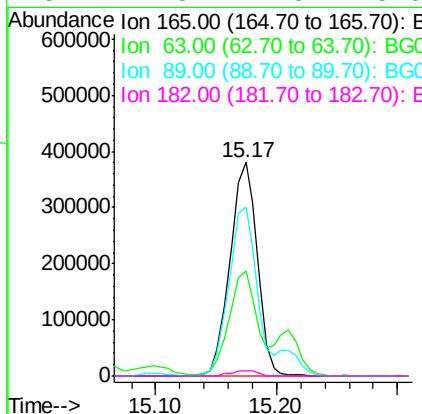
Instrument :  
BNA\_G  
ClientSampleId :  
PB92411BSD

Tot Ion:139 Resp: 715654  
Ion Ratio Lower Upper  
139 100  
109 83.2 103.0 143.0#  
65 115.8 112.7 152.7

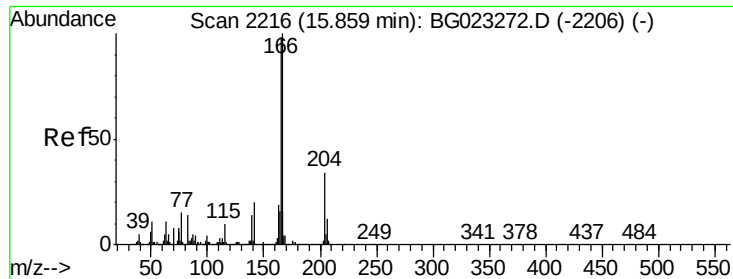


#56  
2,4-Dinitrotoluene  
Concen: 44.70 ng  
RT: 15.17 min Scan# 2100  
Delta R.T. 0.01 min  
Lab File: BG023304.D  
Acq: 28 Jul 2016 5:00

Tgt Ion:165 Resp: 596182  
Ion Ratio Lower Upper  
165 100  
63 49.1 45.8 68.6  
89 79.2 68.6 102.8  
182 2.3 2.0 3.0







#57

Fluorene

Concen: 43.34 ng

RT: 15.86 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Instrument :

BNA\_G

ClientSampleId :

PB92411BSD

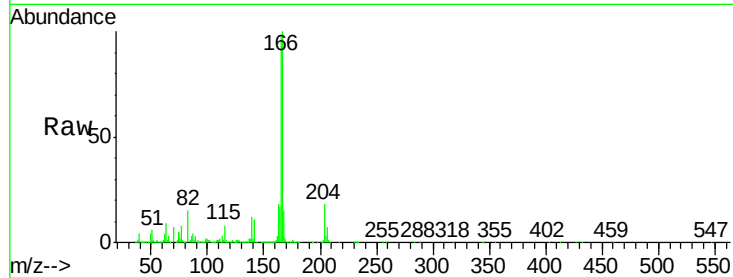
Tot Ion:166 Resp: 1647304

Ion Ratio Lower Upper

166 100

165 98.1 81.0 121.6

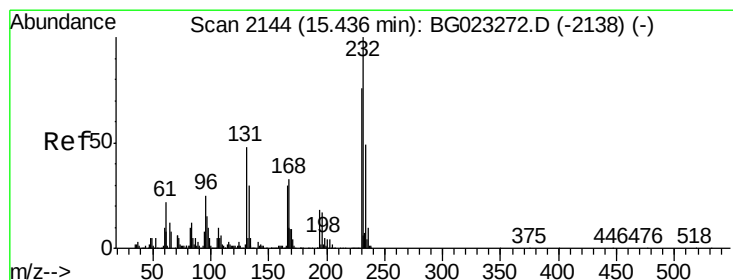
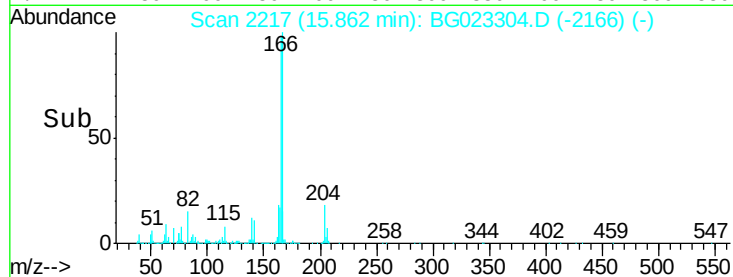
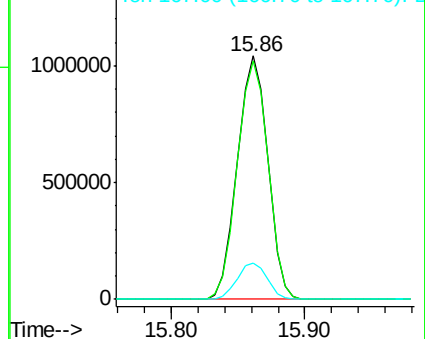
167 15.0 12.0 18.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 53.33 ng

RT: 15.44 min Scan# 2145

Delta R.T. 0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Tgt Ion:232 Resp: 499152

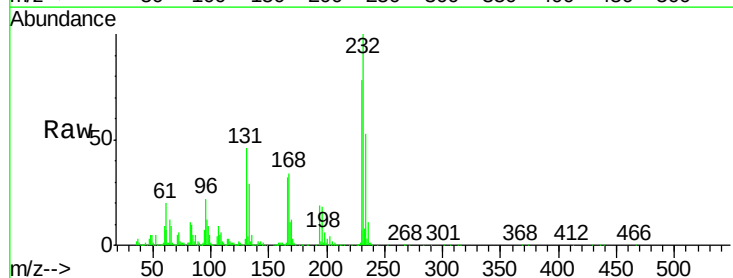
Ion Ratio Lower Upper

232 100

131 46.3 32.7 49.1

130 2.7 2.6 3.8

166 32.2 23.0 34.6

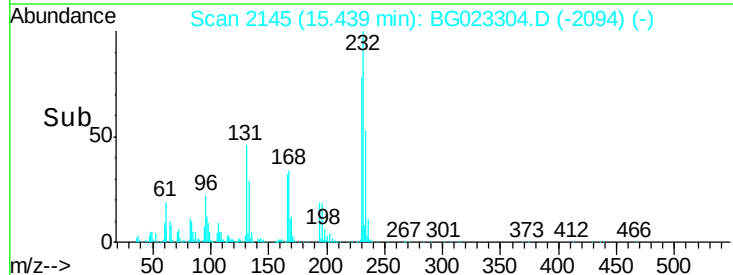
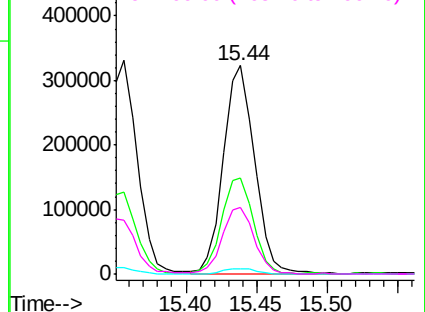


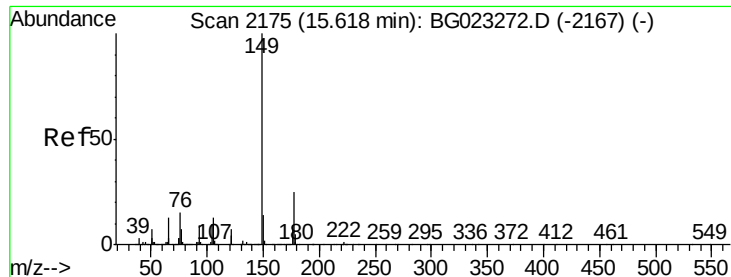
Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.47 ng

RT: 15.61 min Scan# 2175

Delta R.T. 0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Instrument :

BNA\_G

ClientSampleId :

PB92411BSD

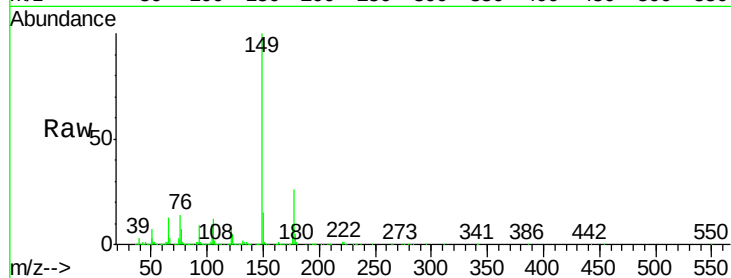
Tot Ion:149 Resp: 1718324

Ion Ratio Lower Upper

149 100

177 26.4 19.2 28.8

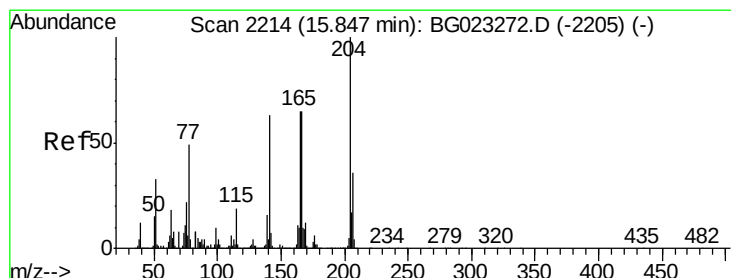
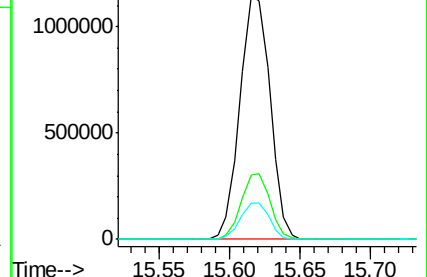
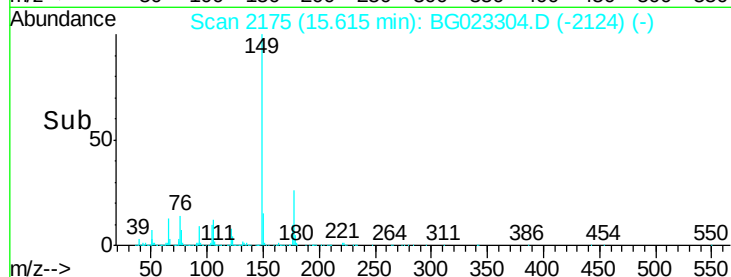
150 15.1 10.6 16.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 42.21 ng

RT: 15.85 min Scan# 2215

Delta R.T. 0.01 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

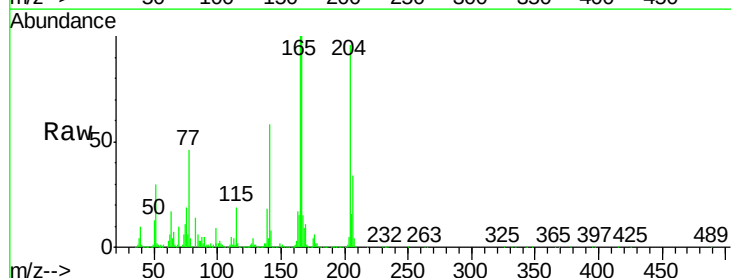
Tgt Ion:204 Resp: 868434

Ion Ratio Lower Upper

204 100

206 35.4 28.5 42.7

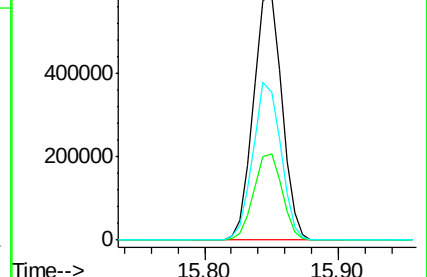
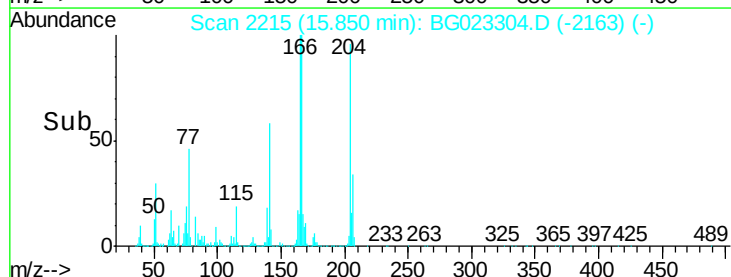
141 60.5 51.4 77.0

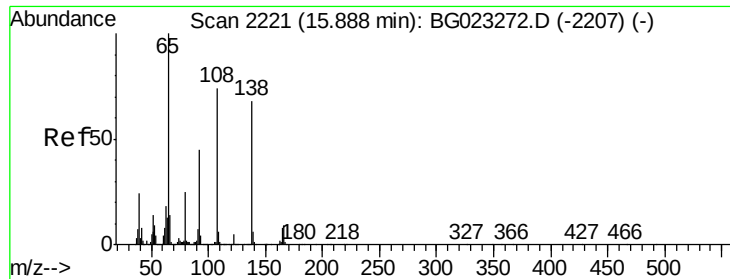


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

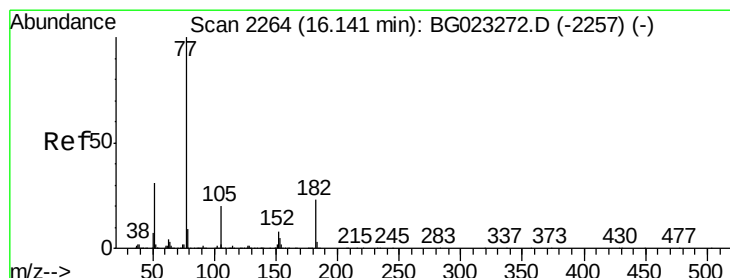
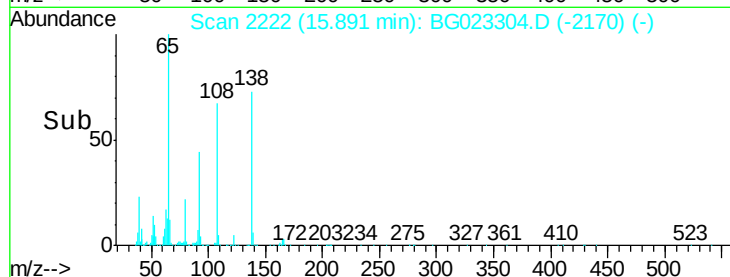
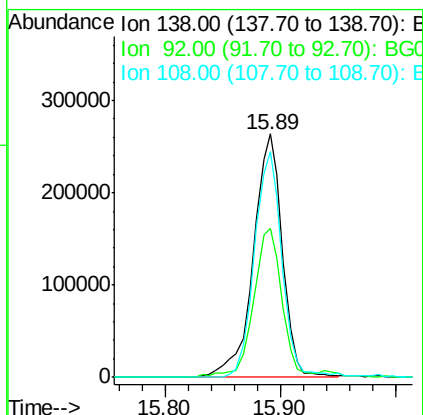
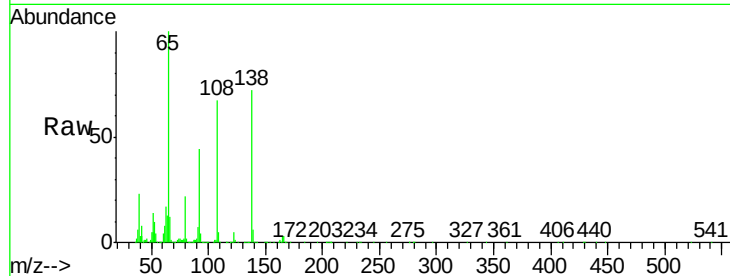




#61  
4-Nitroaniline  
Concen: 46.08 ng  
RT: 15.89 min Scan# 2222  
Delta R.T. 0.01 min  
Lab File: BG023304.D  
Acq: 28 Jul 2016 5:00

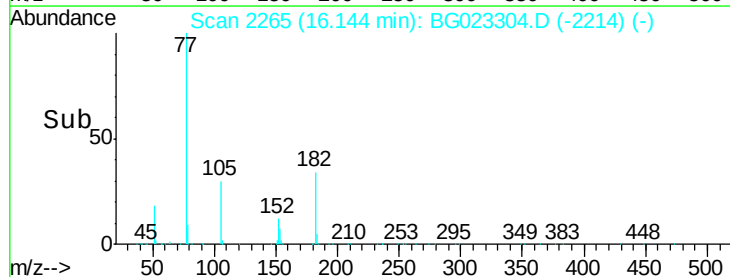
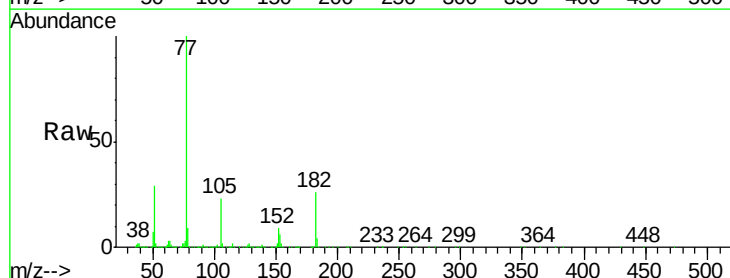
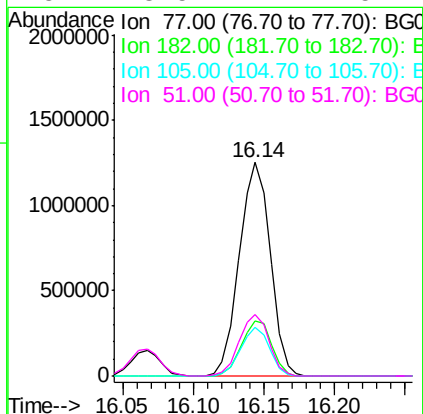
Instrument :  
BNA\_G  
ClientSampleId :  
PB92411BSD

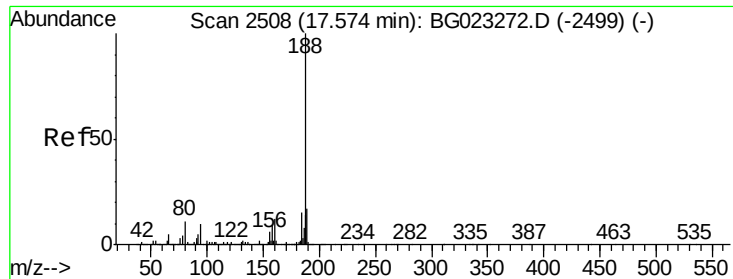
Tot Ion:138 Resp: 460927  
Ion Ratio Lower Upper  
138 100  
92 61.1 54.1 94.1  
108 92.6 133.9 173.9#



#62  
Azobenzene  
Concen: 44.70 ng  
RT: 16.14 min Scan# 2265  
Delta R.T. 0.00 min  
Lab File: BG023304.D  
Acq: 28 Jul 2016 5:00

Tgt Ion: 77 Resp: 1920118  
Ion Ratio Lower Upper  
77 100  
182 25.7 3.5 43.5  
105 22.5 0.0 38.5  
51 28.5 17.1 57.1

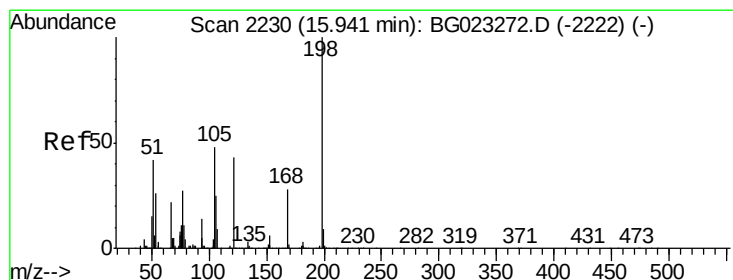
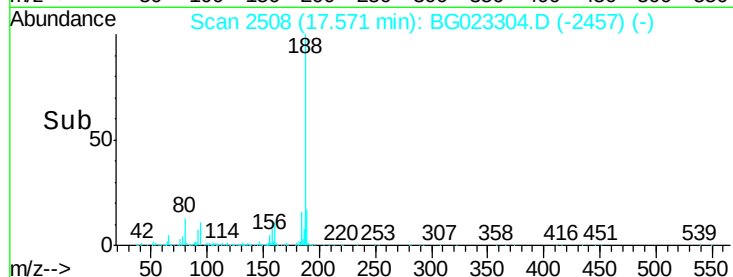
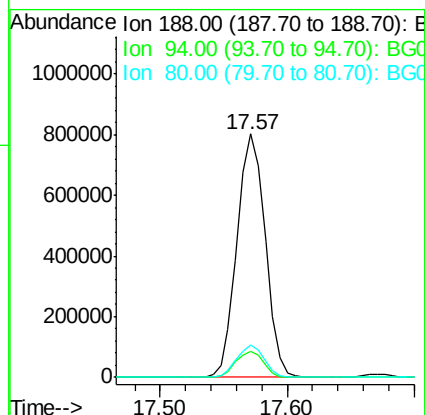
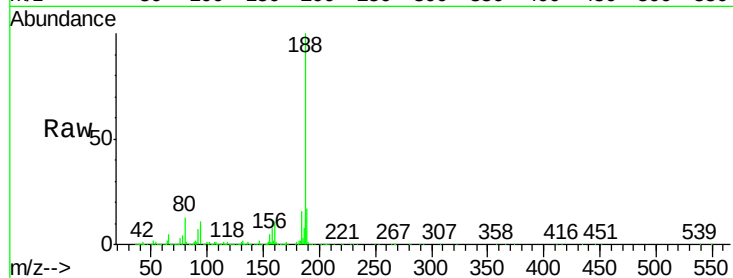




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.57 min Scan# 2508  
Delta R.T. 0.00 min  
Lab File: BG023304.D  
Acq: 28 Jul 2016 5:00

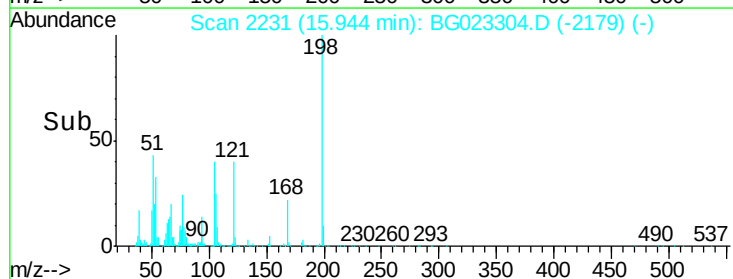
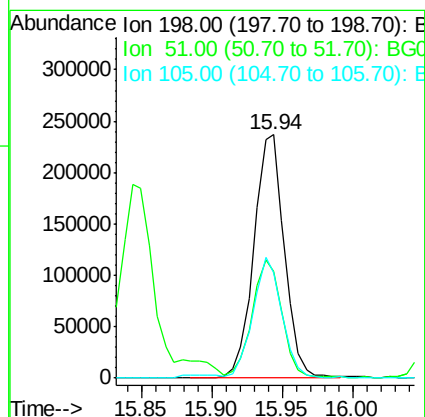
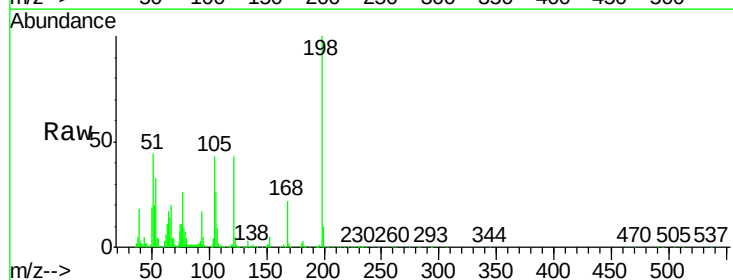
Instrument :  
BNA\_G  
ClientSampleId :  
PB92411BSD

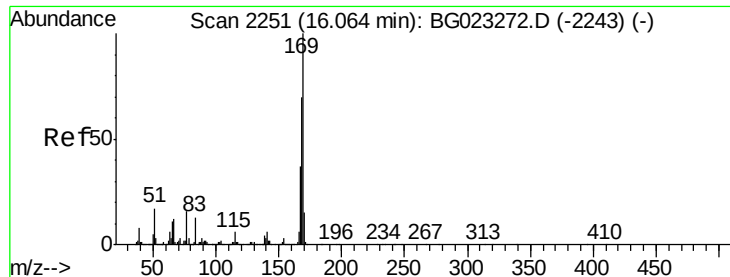
Tot Ion:188 Resp: 1235390  
Ion Ratio Lower Upper  
188 100  
94 10.9 5.2 7.8#  
80 13.3 7.2 10.8#



#64  
4,6-Dinitro-2-methylphenol  
Concen: 45.39 ng  
RT: 15.94 min Scan# 2231  
Delta R.T. 0.01 min  
Lab File: BG023304.D  
Acq: 28 Jul 2016 5:00

Tgt Ion:198 Resp: 360126  
Ion Ratio Lower Upper  
198 100  
51 43.6 26.0 66.0  
105 43.3 20.1 60.1





#65

n-Nitrosodiphenylamine

Concen: 47.51 ng

RT: 16.07 min Scan# 2252

Delta R.T. 0.01 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Instrument :

BNA\_G

ClientSampleId :

PB92411BSD

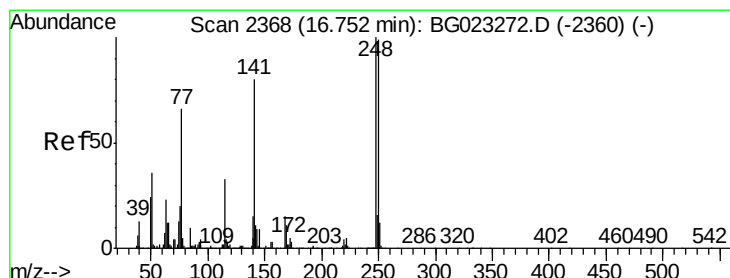
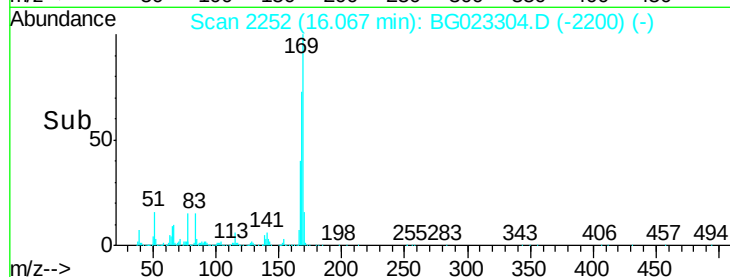
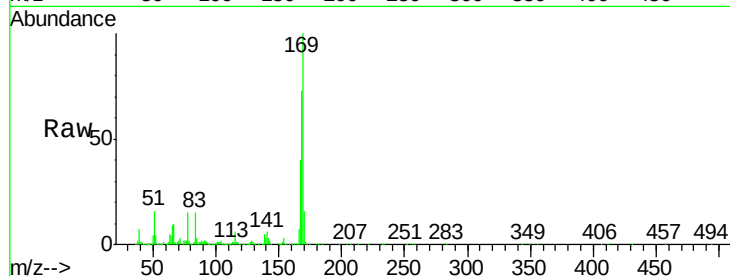
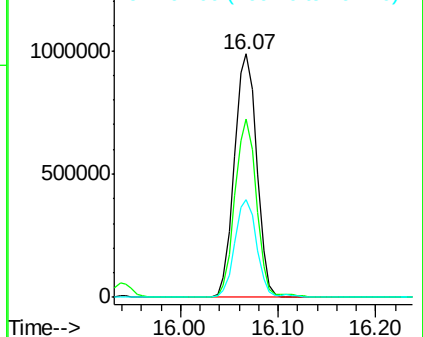
Tot Ion:169 Resp: 1567020

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 73.4  | 55.0  | 82.4  |
| 167 | 40.2  | 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: 47.52 ng

RT: 16.75 min Scan# 2368

Delta R.T. 0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

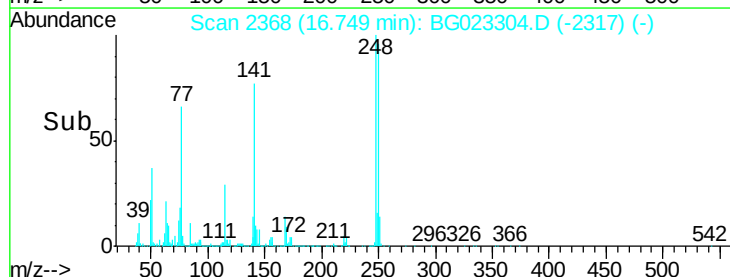
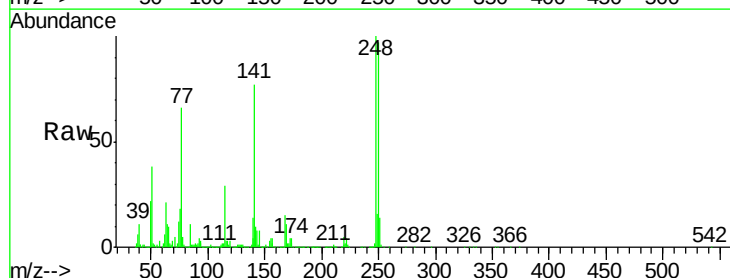
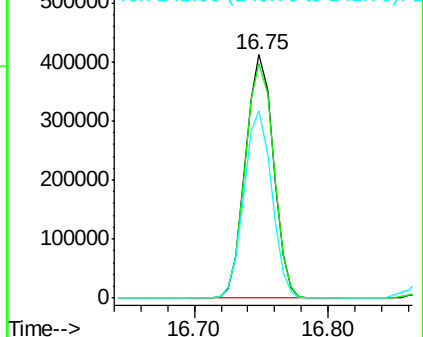
Tgt Ion:248 Resp: 593545

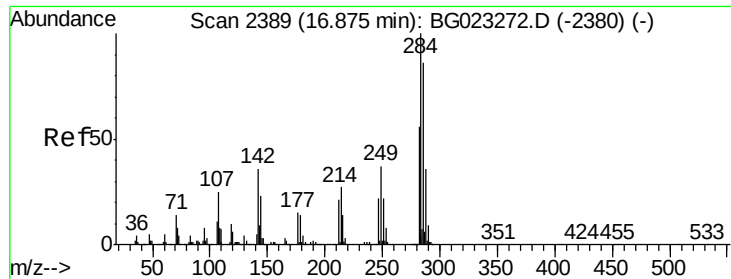
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 248 | 100   |       |       |
| 250 | 96.6  | 77.8  | 116.8 |
| 141 | 77.0  | 65.7  | 98.5  |

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

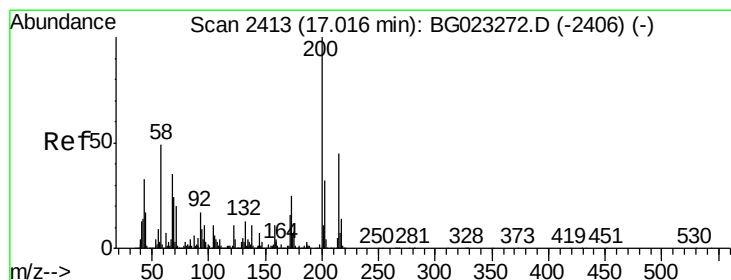
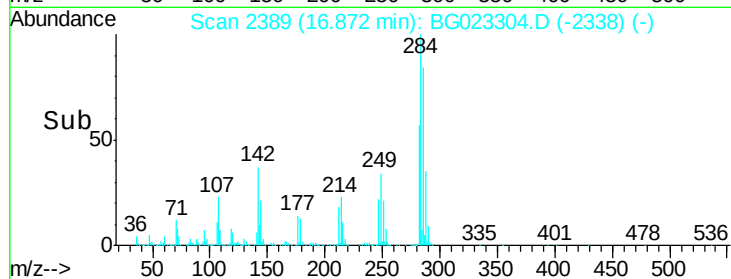
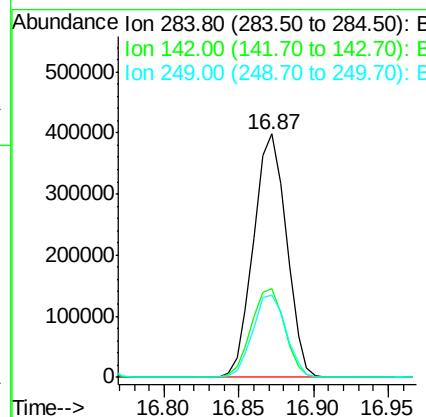
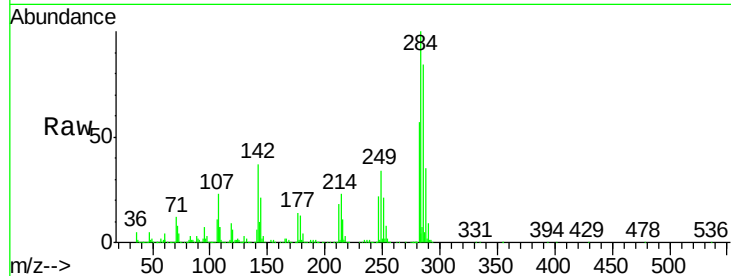




#67  
Hexachlorobenzene  
Concen: 48.40 ng  
RT: 16.87 min Scan# 2389  
Delta R.T. 0.00 min  
Lab File: BG023304.D  
Acq: 28 Jul 2016 5:00

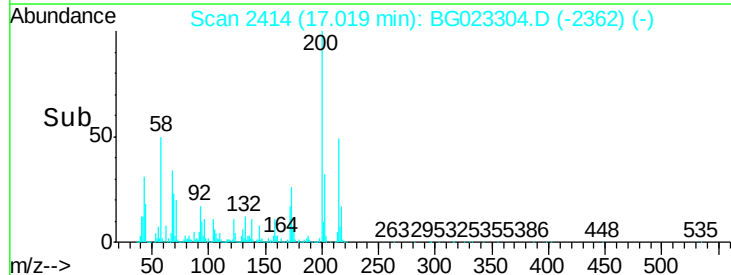
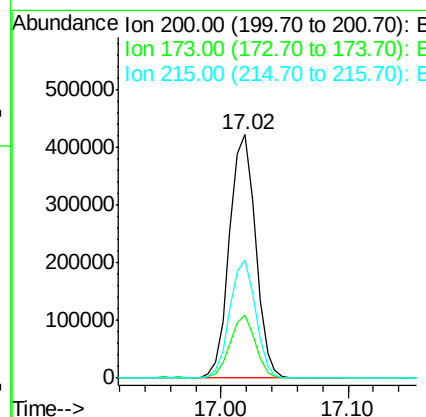
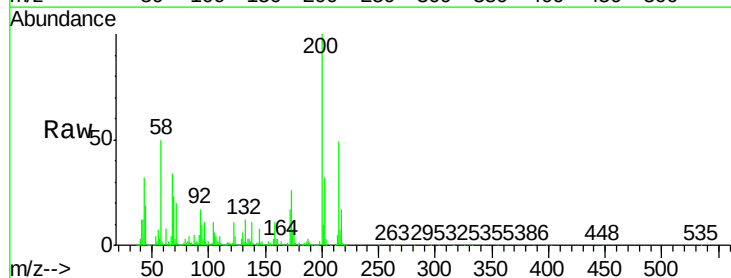
Instrument :  
BNA\_G  
ClientSampleId :  
PB92411BSD

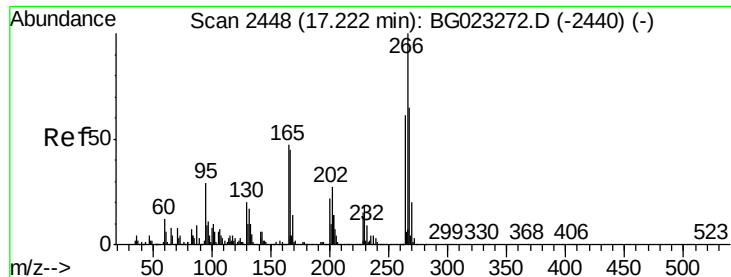
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 36.6  | 26.8  | 40.2  |
| 249     | 33.9  | 28.9  | 43.3  |



#68  
Atrazine  
Concen: 47.26 ng  
RT: 17.02 min Scan# 2414  
Delta R.T. 0.01 min  
Lab File: BG023304.D  
Acq: 28 Jul 2016 5:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 26.1  | 1.6   | 41.6  |
| 215     | 48.8  | 28.7  | 68.7  |





#69

Pentachlorophenol

Concen: 96.98 ng

RT: 17.22 min Scan# 2448

Delta R.T. -0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Instrument :

BNA\_G

ClientSampleId :

PB92411BSD

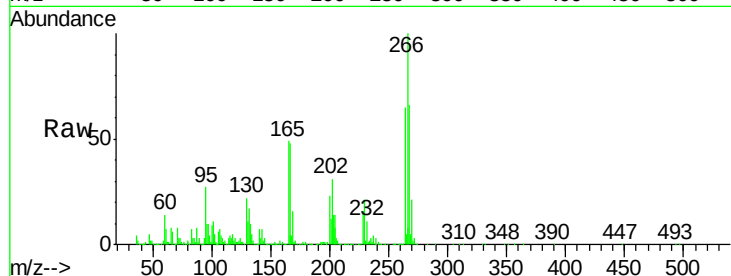
Tot Ion:266 Resp: 751761

Ion Ratio Lower Upper

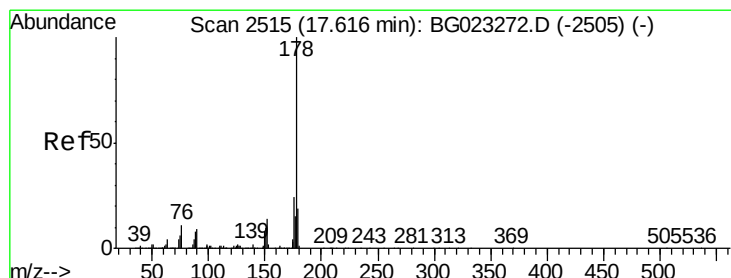
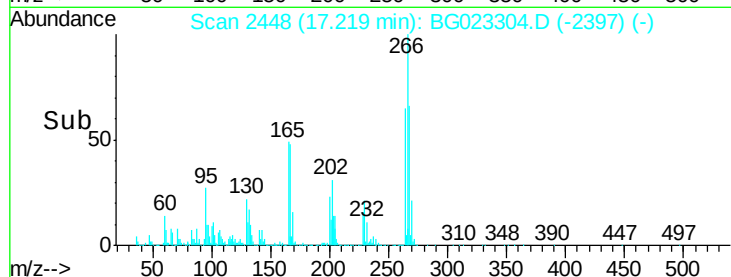
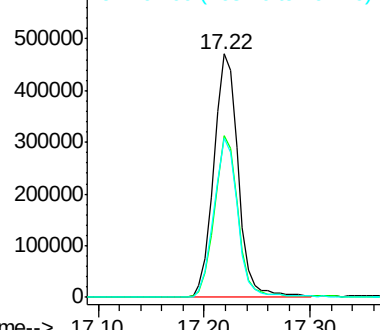
266 100

268 66.4 51.9 77.9

264 65.2 50.6 75.8



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: 47.57 ng

RT: 17.61 min Scan# 2515

Delta R.T. 0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

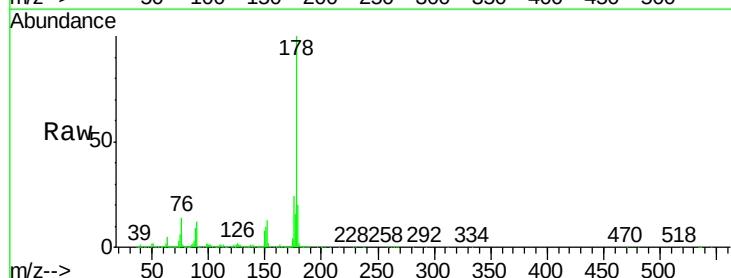
Tgt Ion:178 Resp: 2570285

Ion Ratio Lower Upper

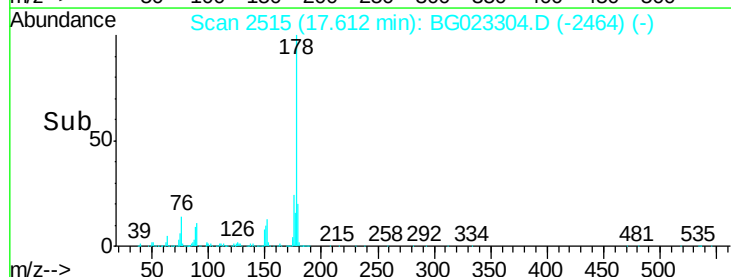
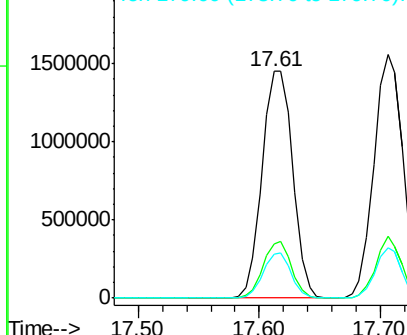
178 100

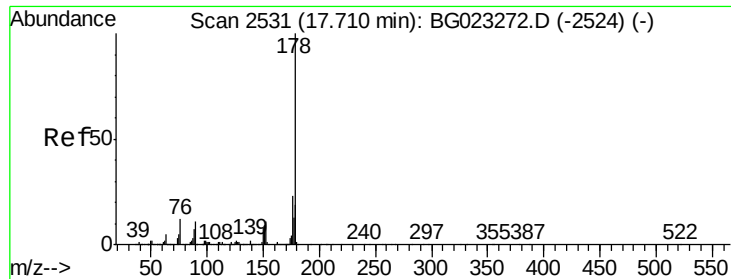
176 23.8 16.8 25.2

179 19.5 14.3 21.5



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

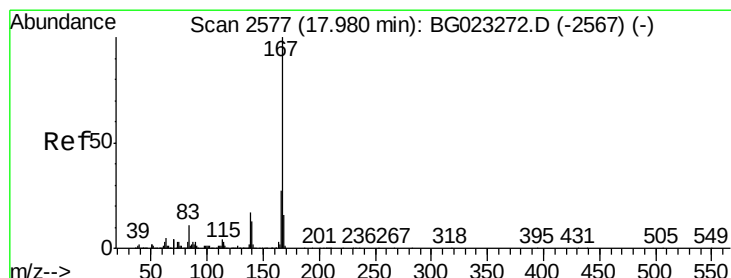
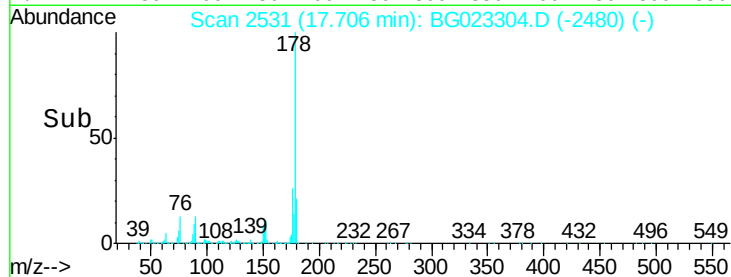
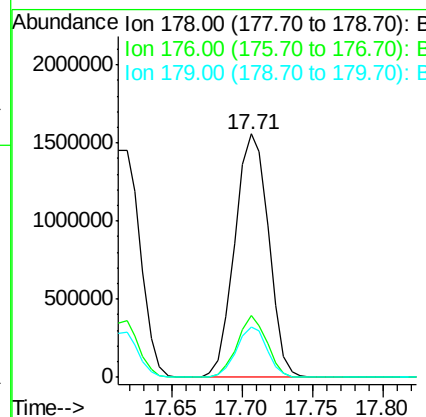
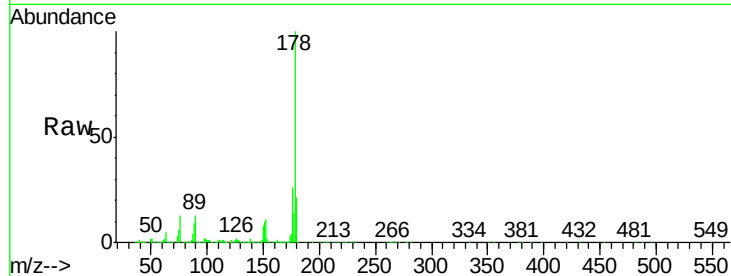




#71  
 Anthracene  
 Concen: 47.45 ng  
 RT: 17.71 min Scan# 2531  
 Delta R.T. 0.00 min  
 Lab File: BG023304.D  
 Acq: 28 Jul 2016 5:00

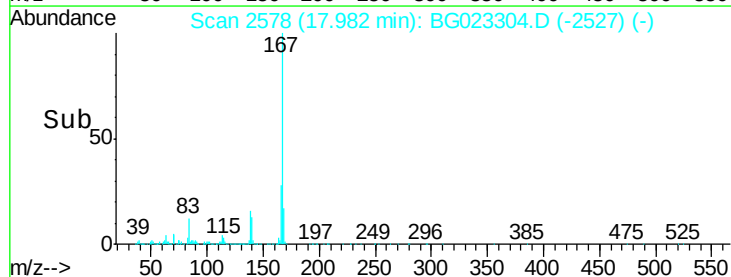
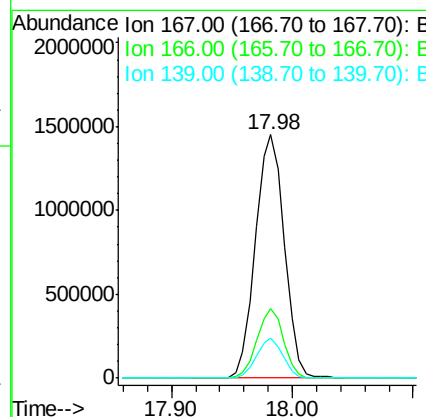
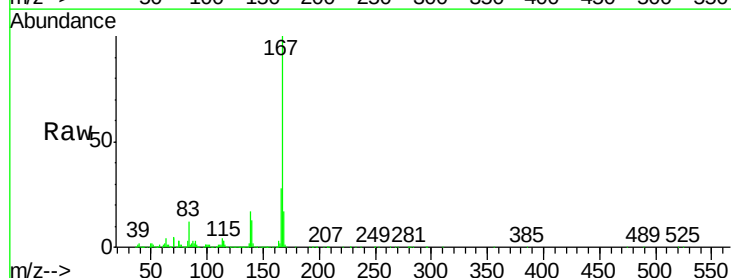
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB92411BSD

Tot Ion:178 Resp: 2590629  
 Ion Ratio Lower Upper  
 178 100  
 176 25.5 17.3 25.9  
 179 20.9 14.0 21.0

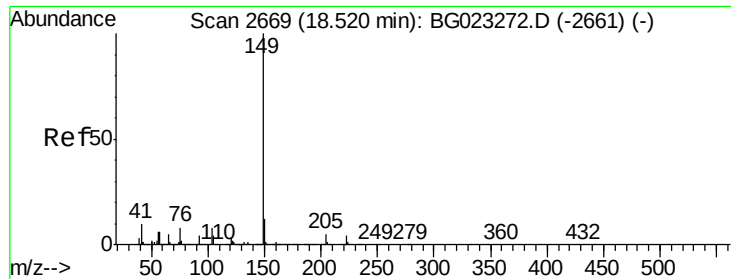


#72  
 Carbazole  
 Concen: 48.48 ng  
 RT: 17.98 min Scan# 2578  
 Delta R.T. 0.00 min  
 Lab File: BG023304.D  
 Acq: 28 Jul 2016 5:00

Tgt Ion:167 Resp: 2424404  
 Ion Ratio Lower Upper  
 167 100  
 166 28.4 20.7 31.1  
 139 16.5 11.9 17.9



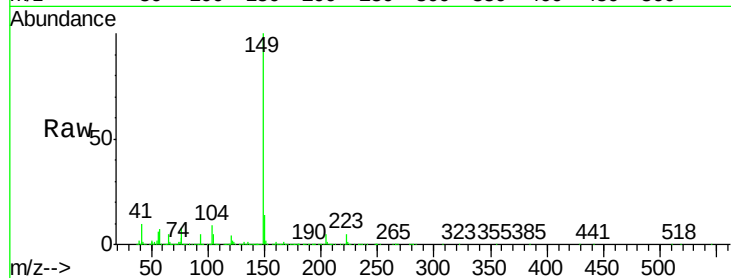




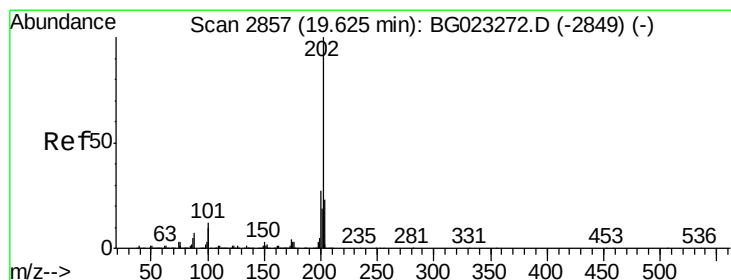
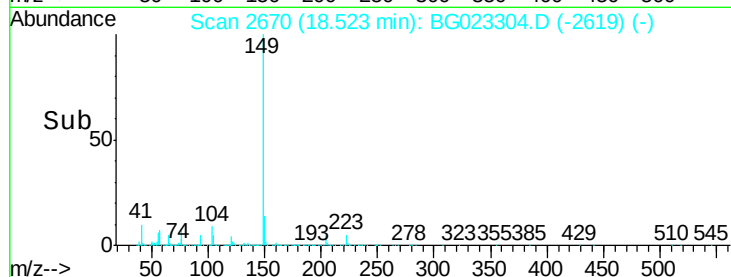
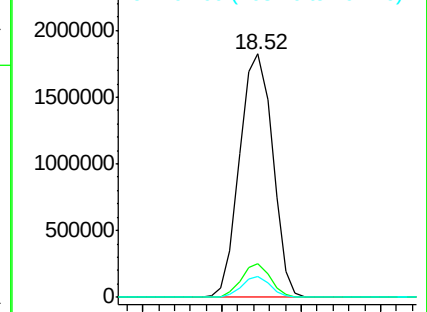
#73  
Di-n-butylphthalate  
Concen: 47.38 ng  
RT: 18.52 min Scan# 2670  
Delta R.T. 0.00 min  
Lab File: BG023304.D  
Acq: 28 Jul 2016 5:00

Instrument :  
BNA\_G  
ClientSampleId :  
PB92411BSD

Tot Ion:149 Resp: 2643282  
Ion Ratio Lower Upper  
149 100  
150 13.7 9.1 13.7#  
104 8.6 6.9 10.3

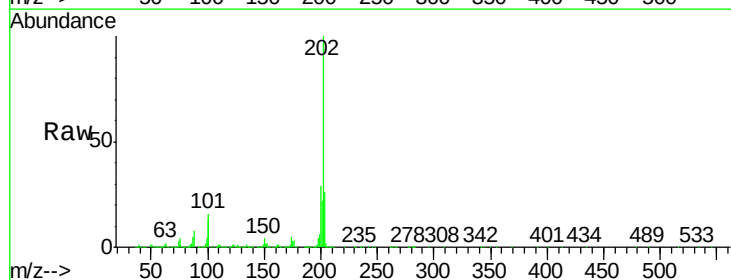


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E

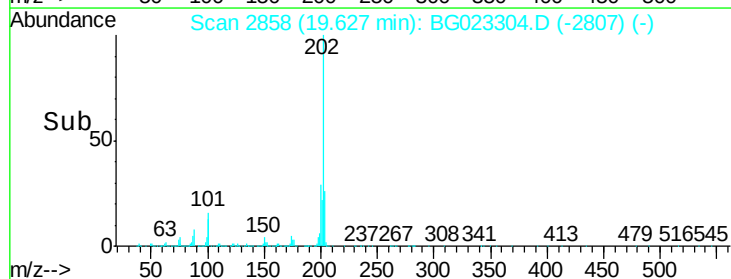
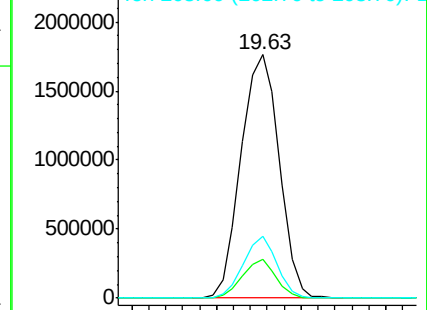


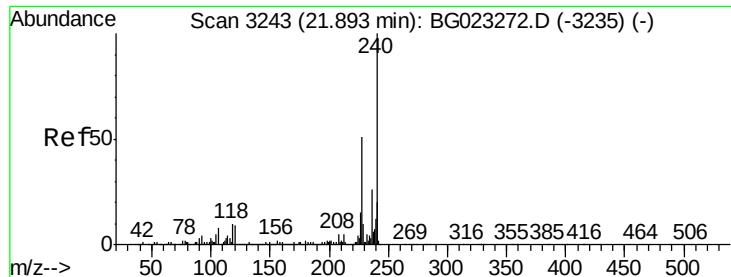
#74  
Fluoranthene  
Concen: 44.99 ng  
RT: 19.63 min Scan# 2858  
Delta R.T. 0.00 min  
Lab File: BG023304.D  
Acq: 28 Jul 2016 5:00

Tgt Ion:202 Resp: 2774326  
Ion Ratio Lower Upper  
202 100  
101 16.0 0.0 27.4  
203 25.6 1.7 41.7



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E

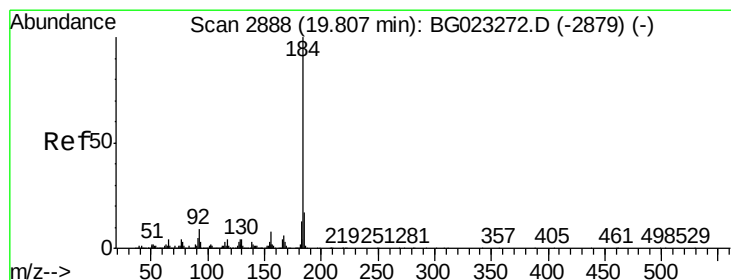
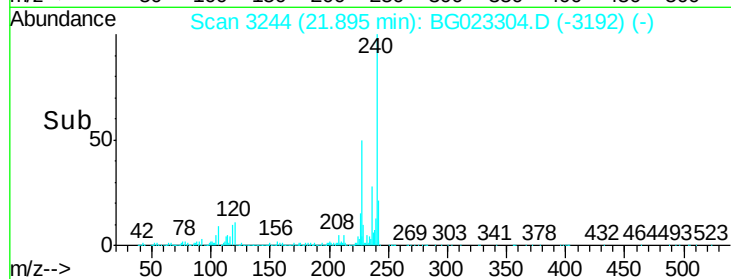
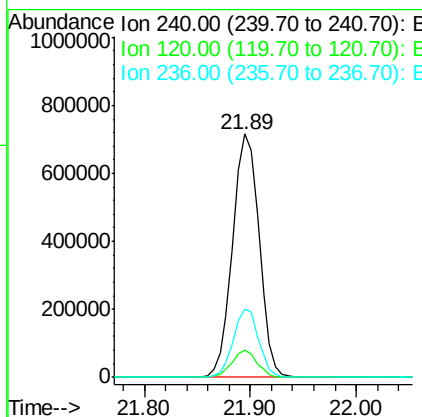
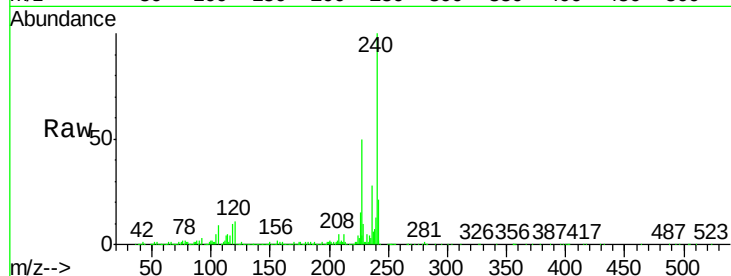




#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.89 min Scan# 3244  
Delta R.T. 0.01 min  
Lab File: BG023304.D  
Acq: 28 Jul 2016 5:00

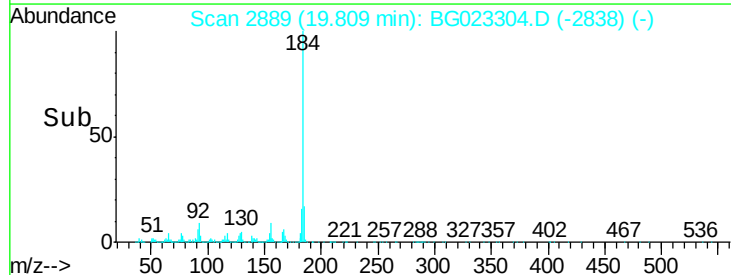
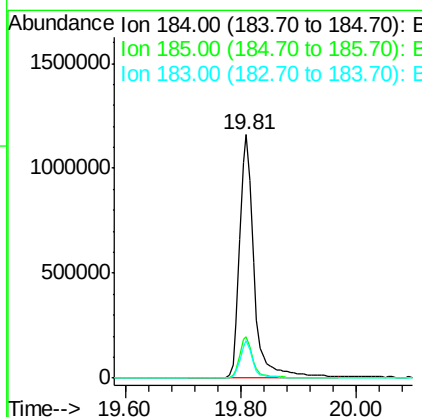
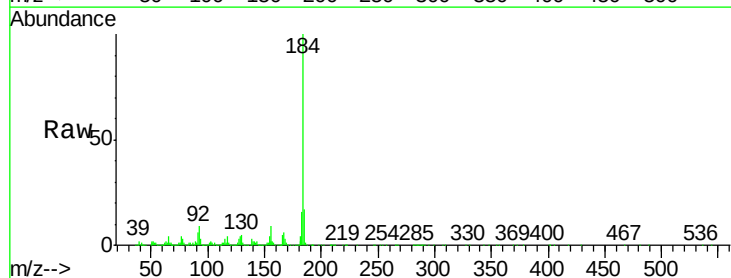
Instrument :  
BNA\_G  
ClientSampleId :  
PB92411BSD

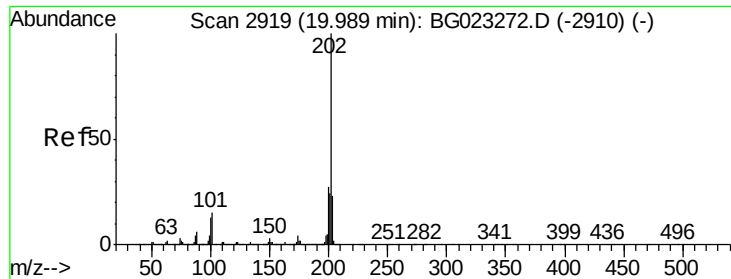
Tot Ion:240 Resp: 1239901  
Ion Ratio Lower Upper  
240 100  
120 11.3 4.1 6.1#  
236 27.9 21.1 31.7



#76  
Benzidine  
Concen: 58.08 ng  
RT: 19.81 min Scan# 2889  
Delta R.T. 0.00 min  
Lab File: BG023304.D  
Acq: 28 Jul 2016 5:00

Tgt Ion:184 Resp: 2025417  
Ion Ratio Lower Upper  
184 100  
185 17.0 12.6 19.0  
183 15.5 10.7 16.1





#77

Pvrene

Concen: 39.89 ng

RT: 19.99 min Scan# 2920

Delta R.T. 0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Instrument :

BNA\_G

ClientSampleId :

PB92411BSD

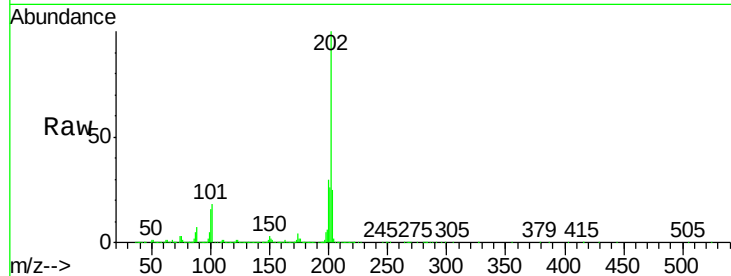
Tot Ion:202 Resp: 2806918

Ion Ratio Lower Upper

202 100

200 29.6 21.2 31.8

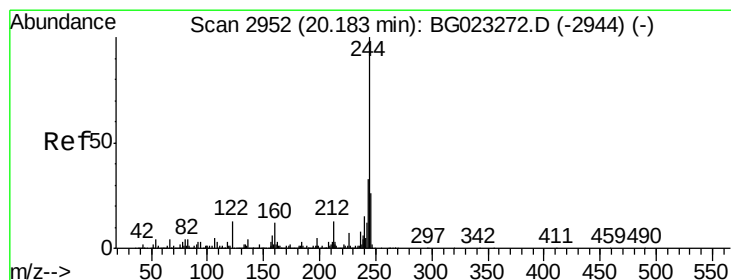
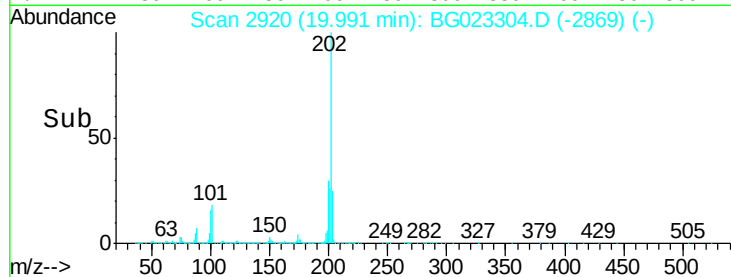
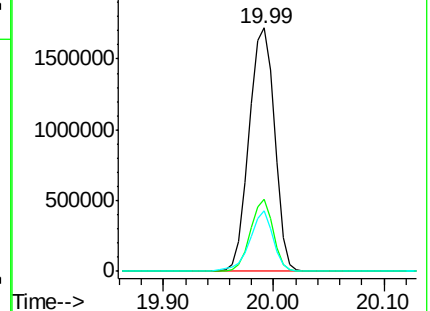
203 24.7 16.8 25.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 86.48 ng

RT: 20.18 min Scan# 2952

Delta R.T. 0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

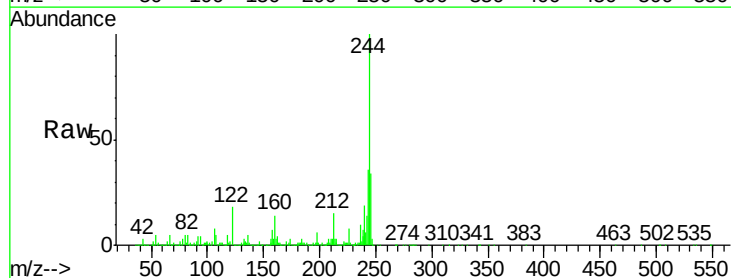
Tgt Ion:244 Resp: 3298448

Ion Ratio Lower Upper

244 100

212 14.8 10.8 16.2

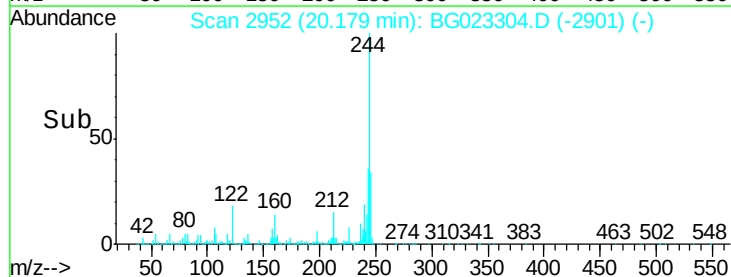
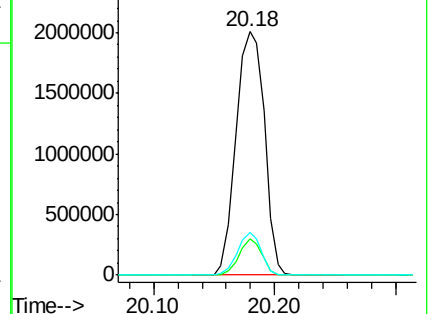
122 17.7 8.0 12.0#

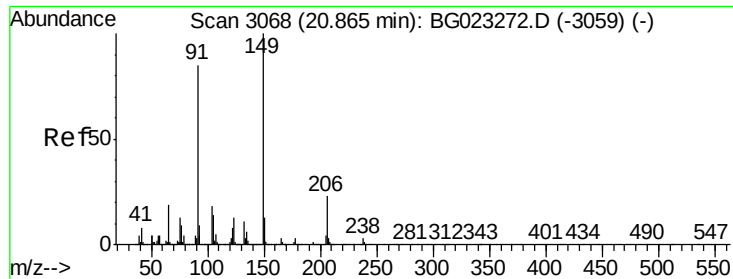


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

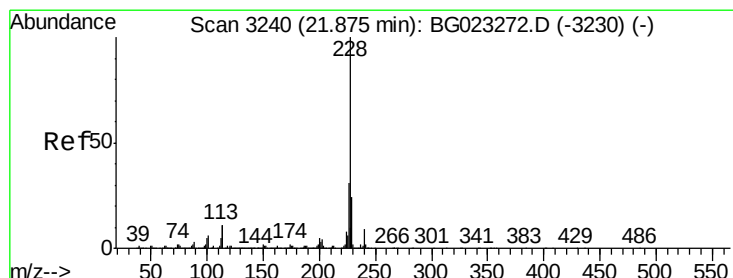
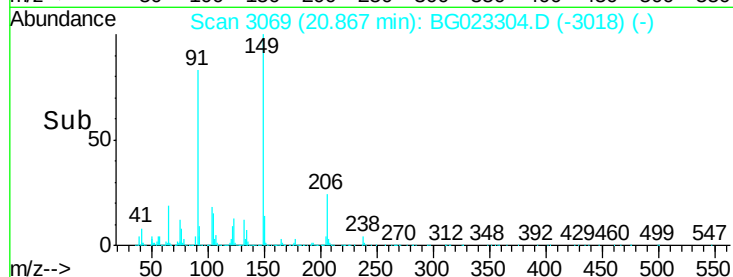
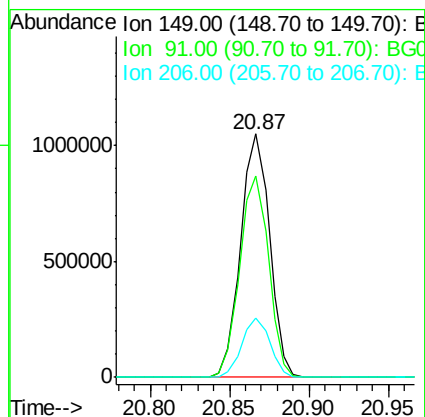
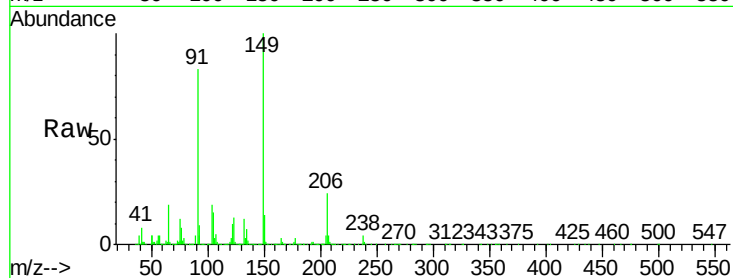




#79  
Butylbenzylphthalate  
Concen: 43.14 ng  
RT: 20.87 min Scan# 3069  
Delta R.T. 0.00 min  
Lab File: BG023304.D  
Acq: 28 Jul 2016 5:00

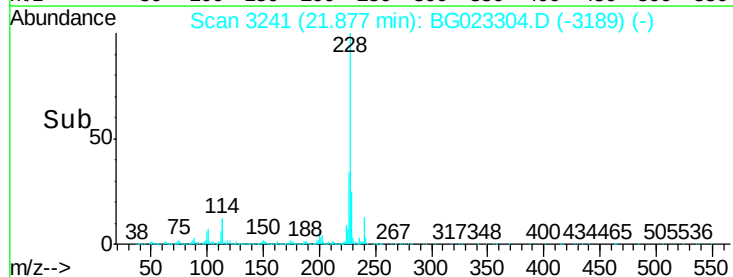
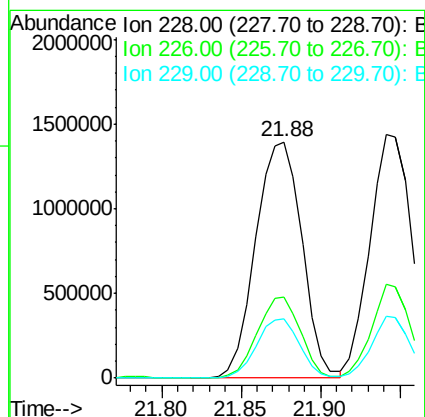
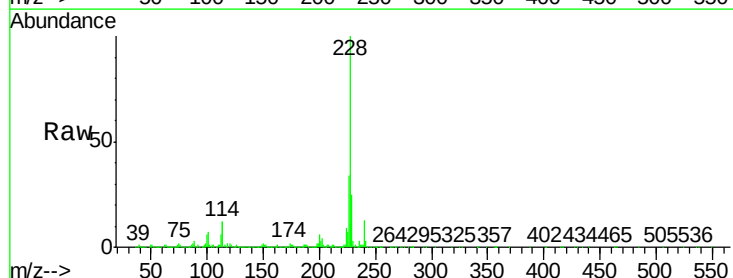
Instrument :  
BNA\_G  
ClientSampled :  
PB92411BSD

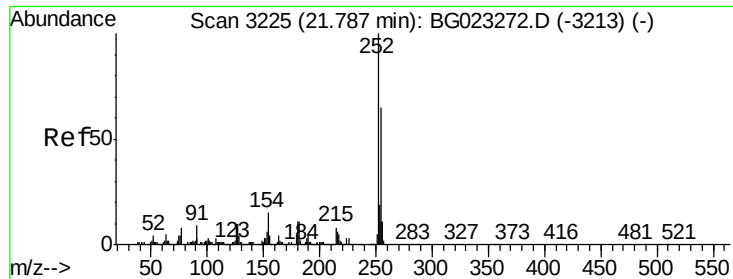
Tot Ion:149 Resp: 1335378  
Ion Ratio Lower Upper  
149 100  
91 82.5 68.1 102.1  
206 24.5 19.8 29.6



#80  
Benzo(a)anthracene  
Concen: 43.54 ng  
RT: 21.88 min Scan# 3241  
Delta R.T. 0.01 min  
Lab File: BG023304.D  
Acq: 28 Jul 2016 5:00

Tgt Ion:228 Resp: 2826568  
Ion Ratio Lower Upper  
228 100  
226 34.1 25.3 37.9  
229 24.9 19.9 29.9

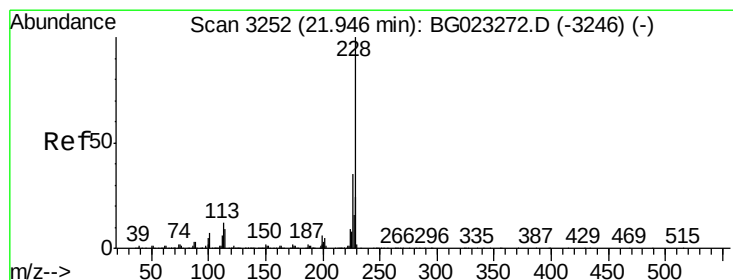
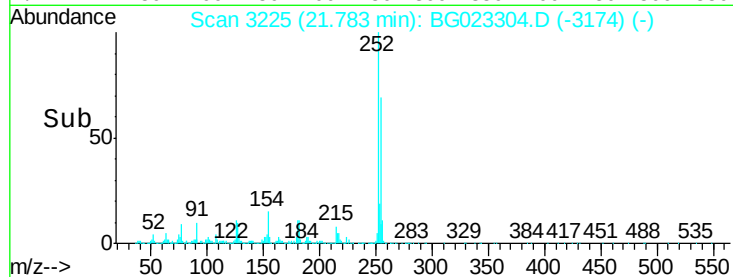
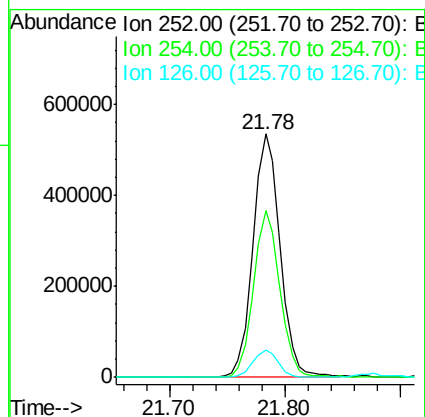
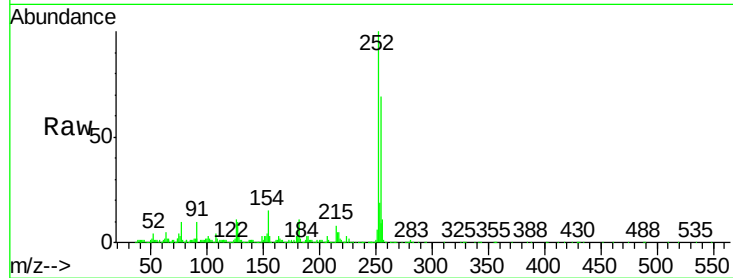




#81  
 3,3'-Dichlorobenzidine  
 Concen: 33.35 ng  
 RT: 21.78 min Scan# 3225  
 Delta R.T. 0.00 min  
 Lab File: BG023304.D  
 Acq: 28 Jul 2016 5:00

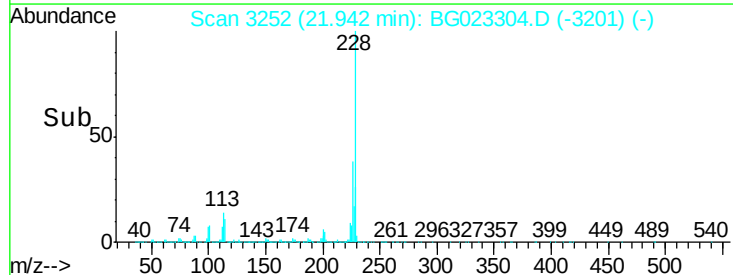
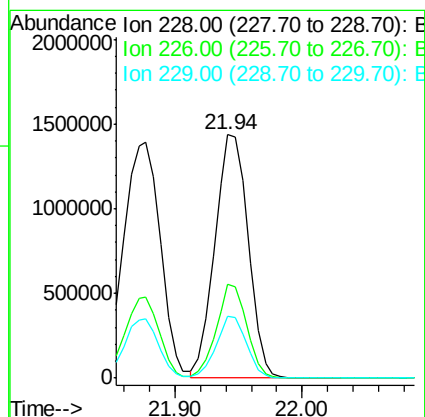
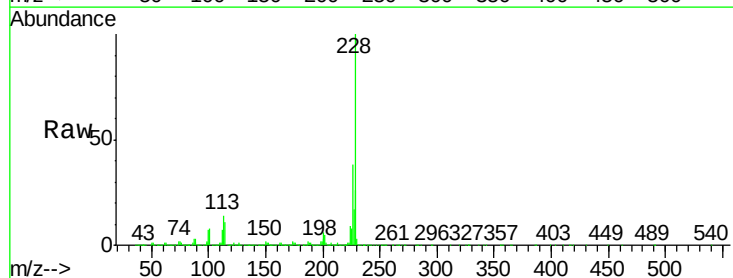
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB92411BSD

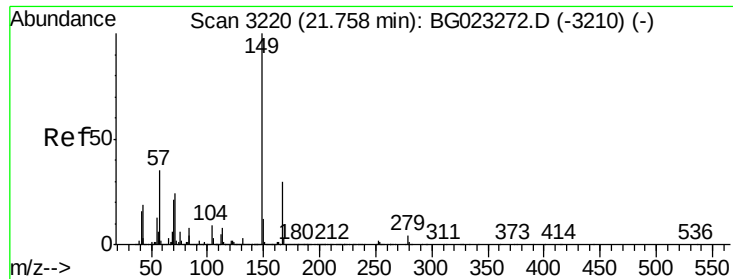
Tot Ion:252 Resp: 877676  
 Ion Ratio Lower Upper  
 252 100  
 254 68.7 51.2 76.8  
 126 11.1 5.3 7.9#



#82  
 Chrysene  
 Concen: 41.87 ng  
 RT: 21.94 min Scan# 3252  
 Delta R.T. 0.00 min  
 Lab File: BG023304.D  
 Acq: 28 Jul 2016 5:00

Tgt Ion:228 Resp: 2626037  
 Ion Ratio Lower Upper  
 228 100  
 226 38.4 26.7 40.1  
 229 25.6 17.4 26.2

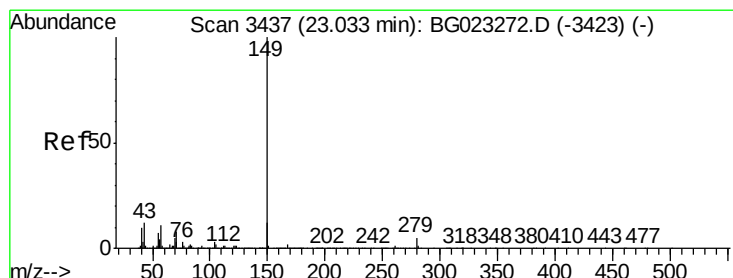
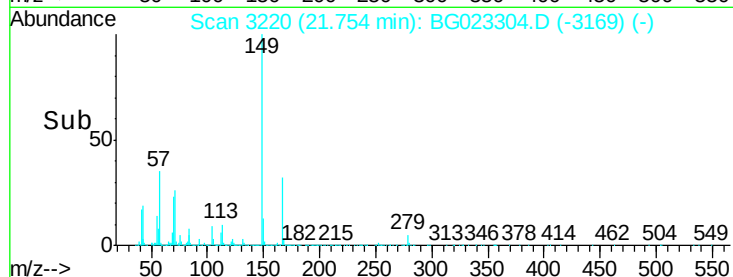
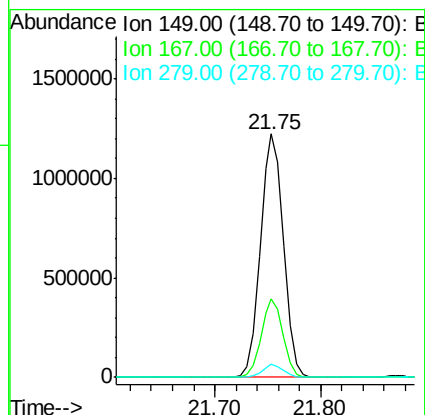
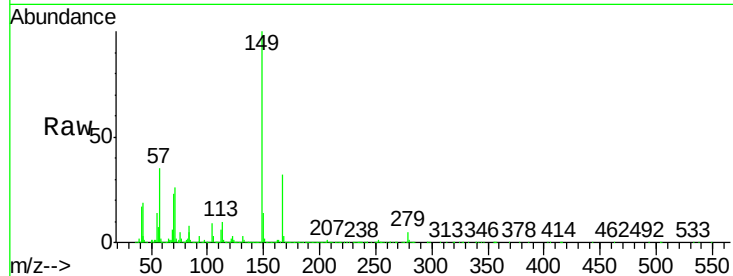




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 42.79 ng  
 RT: 21.75 min Scan# 3220  
 Delta R.T. 0.00 min  
 Lab File: BG023304.D  
 Acq: 28 Jul 2016 5:00

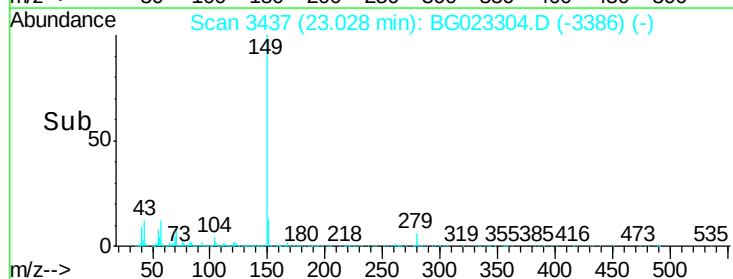
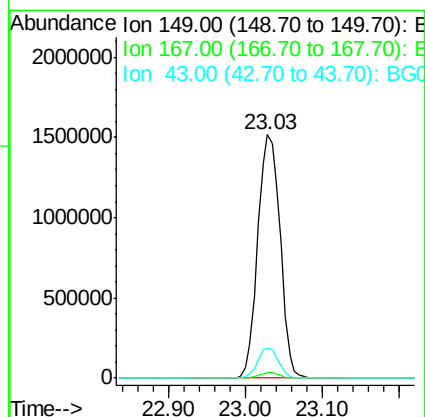
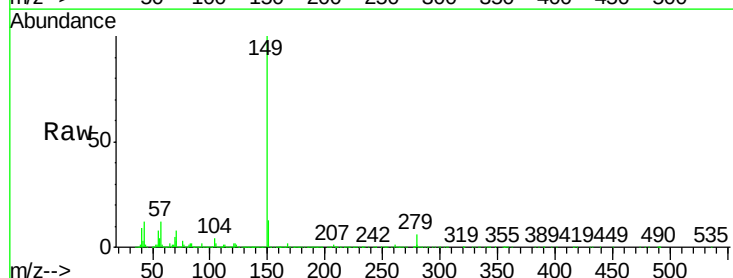
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB92411BSD

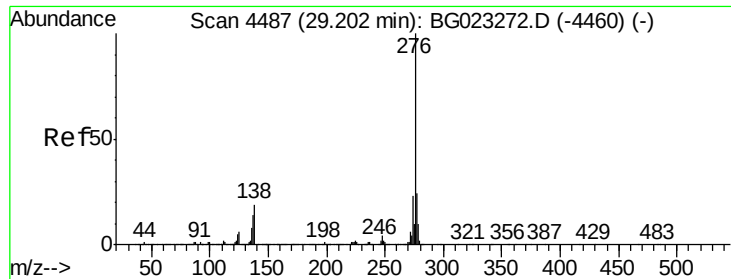
Tot Ion:149 Resp: 1853544  
 Ion Ratio Lower Upper  
 149 100  
 167 32.4 24.0 36.0  
 279 5.4 4.8 7.2



#84  
 Di-n-octyl phthalate  
 Concen: 43.57 ng  
 RT: 23.03 min Scan# 3437  
 Delta R.T. -0.00 min  
 Lab File: BG023304.D  
 Acq: 28 Jul 2016 5:00

Tgt Ion:149 Resp: 3087373  
 Ion Ratio Lower Upper  
 149 100  
 167 2.0 1.5 2.3  
 43 11.4 8.8 13.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 49.22 ng

RT: 29.20 min Scan# 4488

Delta R.T. 0.01 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Instrument :

BNA\_G

ClientSampleId :

PB92411BSD

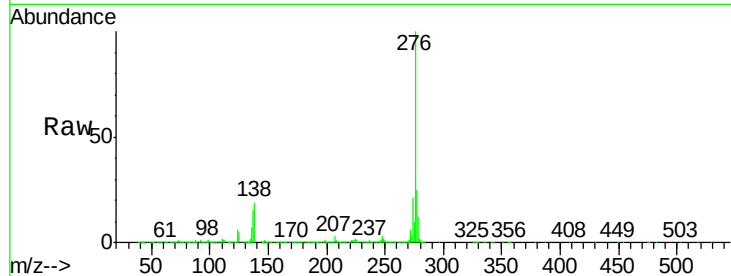
Tot Ion:276 Resp: 3601154

Ion Ratio Lower Upper

276 100

138 24.1 0.0 0.0#

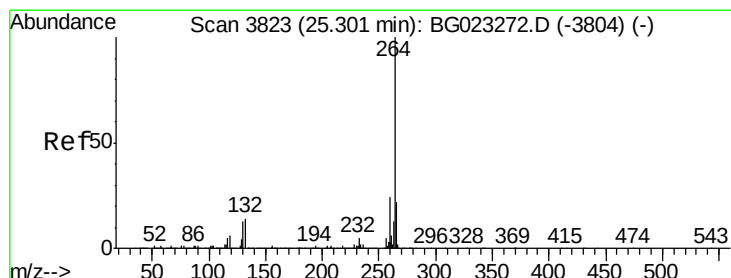
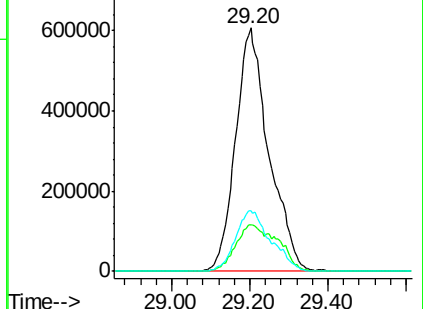
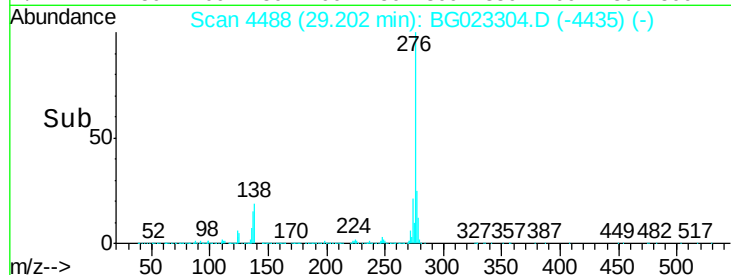
277 26.3 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.30 min Scan# 3823

Delta R.T. -0.01 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

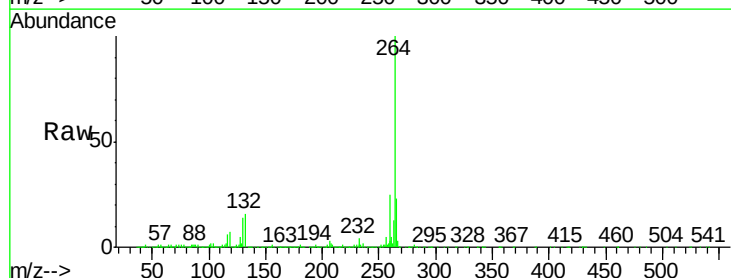
Tgt Ion:264 Resp: 1259974

Ion Ratio Lower Upper

264 100

260 24.7 18.4 27.6

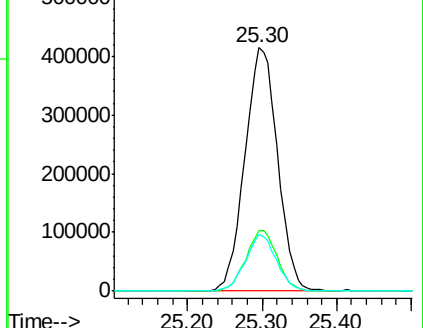
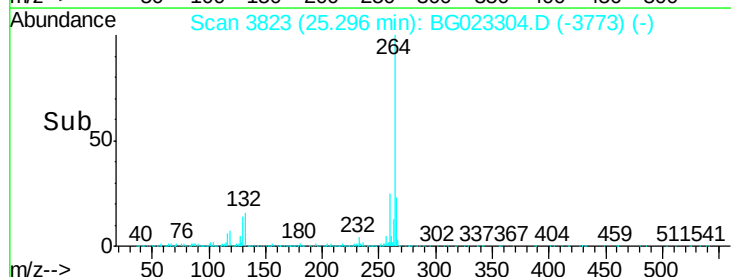
265 23.3 18.9 28.3

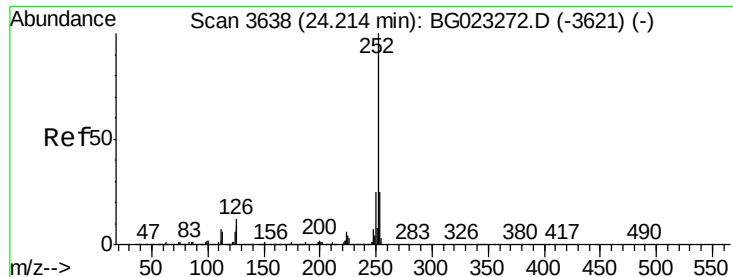


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 45.26 ng

RT: 24.22 min Scan# 3639

Delta R.T. 0.01 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Instrument :

BNA\_G

ClientSampleId :

PB92411BSD

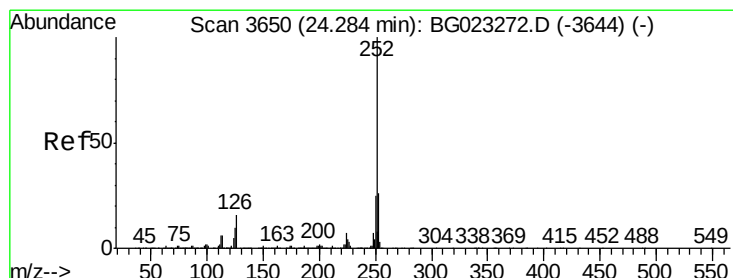
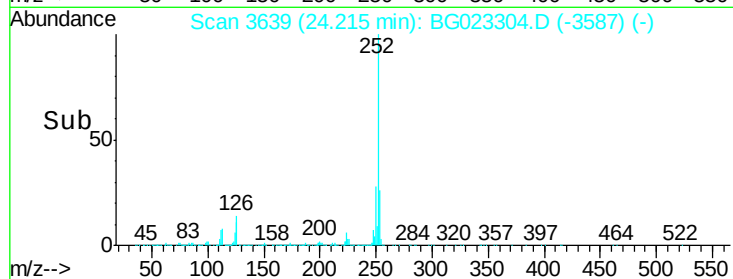
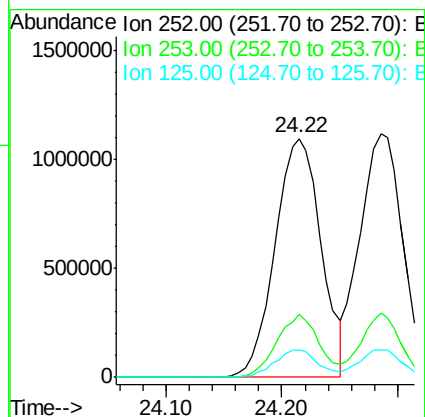
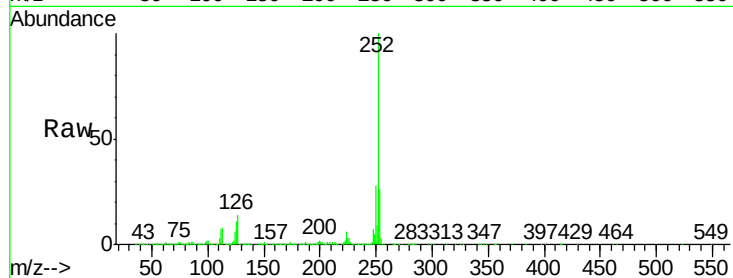
Tot Ion:252 Resp: 3029603

Ion Ratio Lower Upper

252 100

253 26.2 18.9 28.3

125 11.4 3.9 5.9#



#88

Benzo(k)fluoranthene

Concen: 43.13 ng

RT: 24.29 min Scan# 3651

Delta R.T. -0.00 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

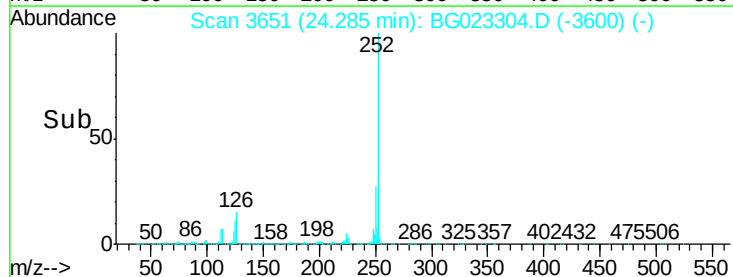
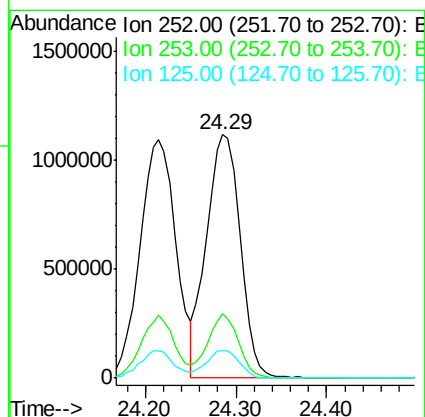
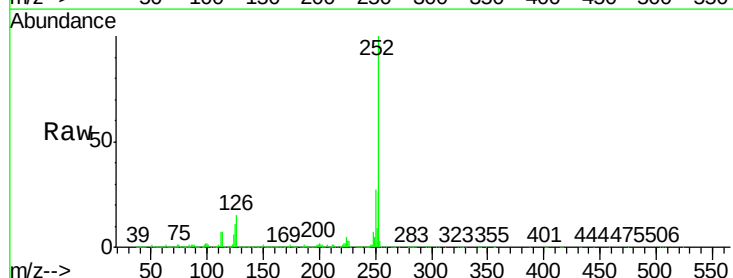
Tgt Ion:252 Resp: 2886163

Ion Ratio Lower Upper

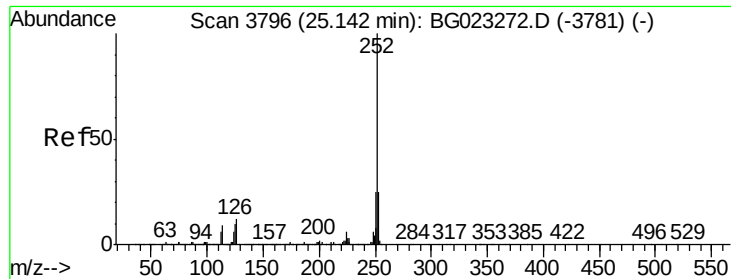
252 100

253 26.3 18.8 28.2

125 11.3 3.2 4.8#







#89

Benzo(a)pyrene

Concen: 44.81 ng

RT: 25.14 min Scan# 3797

Delta R.T. 0.01 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Instrument :

BNA\_G

ClientSampleId :

PB92411BSD

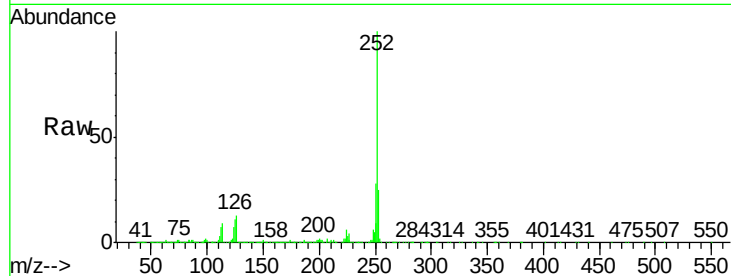
Tot Ion:252 Resp: 2938908

Ion Ratio Lower Upper

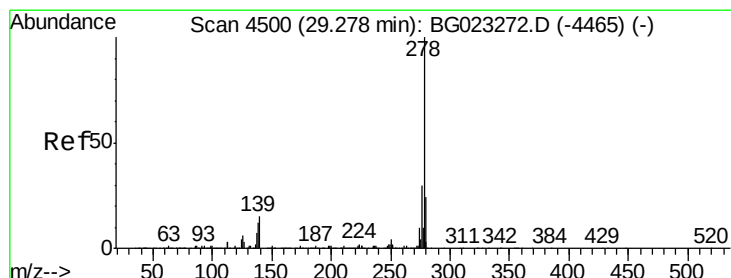
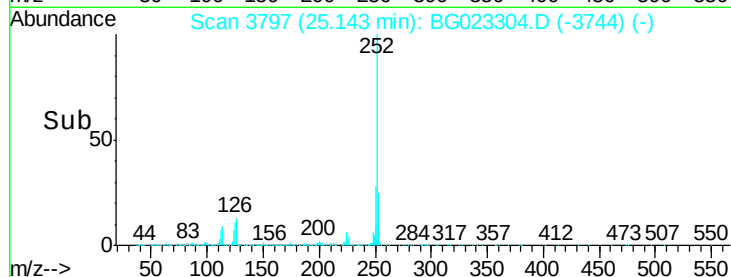
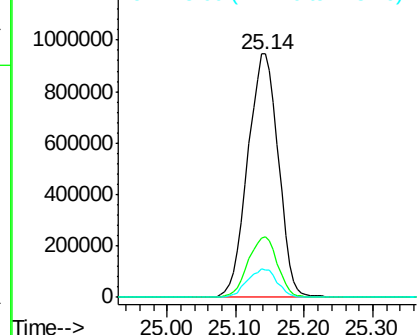
252 100

253 24.7 18.7 28.1

125 11.5 3.9 5.9#



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 47.83 ng

RT: 29.27 min Scan# 4500

Delta R.T. 0.02 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

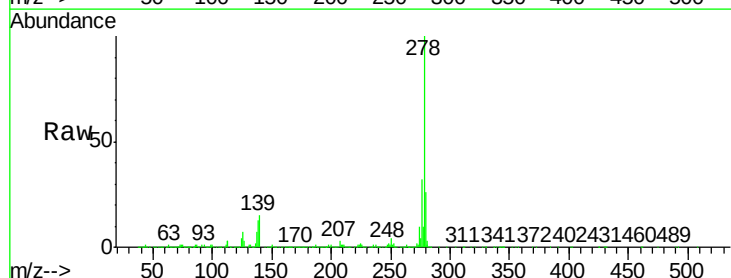
Tgt Ion:278 Resp: 2967785

Ion Ratio Lower Upper

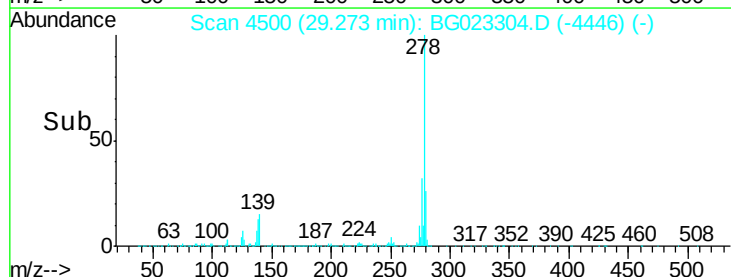
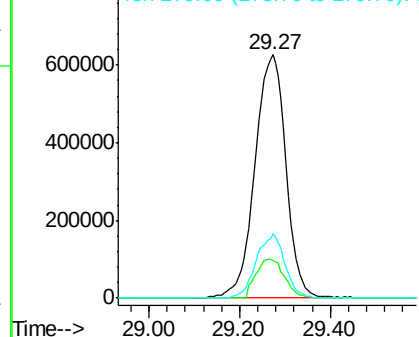
278 100

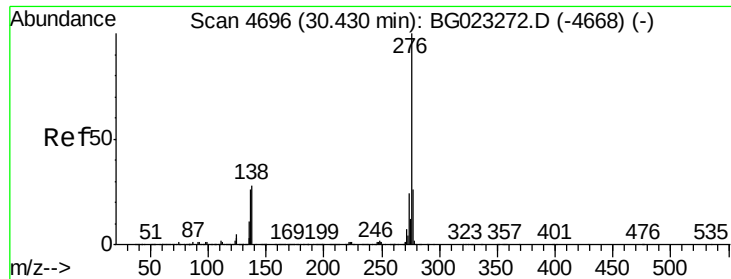
139 15.3 4.7 7.1#

279 26.3 18.3 27.5



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(a,h,i)perylene

Concen: 45.70 ng

RT: 30.44 min Scan# 4698

Delta R.T. 0.02 min

Lab File: BG023304.D

Acq: 28 Jul 2016 5:00

Instrument :

BNA\_G

ClientSampleId :

PB92411BSD

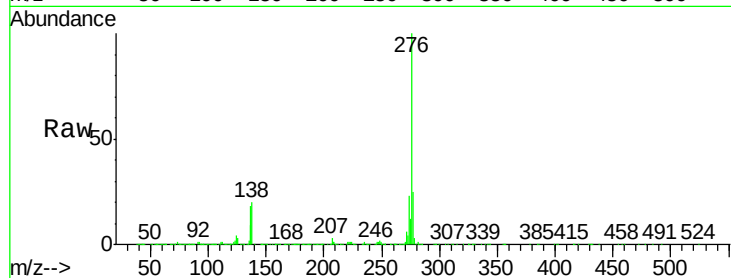
Tot Ion:276 Resp: 2985319

Ion Ratio Lower Upper

276 100

277 24.6 18.6 27.8

138 19.5 6.8 10.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

