

Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\  
 Data File : BG022963.D  
 Acq On : 9 Jul 2016 13:25  
 Operator : UM/SJ  
 Sample : PB91974BSD  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB91974BSD

Quant Time: Jul 11 01:50:12 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 07 16:51:07 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.15  | 152  | 101187   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.98 | 136  | 468494   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.80 | 164  | 363314   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.56 | 188  | 922752   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.85 | 240  | 1007350  | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 25.20 | 264  | 1029627  | 20.00 | ng    | 0.02     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.70  | 112 | 608470  | 98.35 | ng | 0.00 |
| 7) Phenol-d6             | 7.31  | 99  | 945708  | 97.59 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.32  | 82  | 949490  | 86.78 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.29 | 330 | 525472  | 80.48 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.42 | 172 | 1910583 | 82.83 | ng | 0.00 |
| 78) Terphenyl-d14        | 20.15 | 244 | 2925675 | 97.34 | ng | 0.00 |

## Target Compounds

|                                |       |     |         |       |    | Qvalue |
|--------------------------------|-------|-----|---------|-------|----|--------|
| 3) Pyridine                    | 3.97  | 79  | 295705  | 35.93 | ng | 94     |
| 4) n-Nitrosodimethylamine      | 3.88  | 42  | 150806  | 42.72 | ng | # 87   |
| 6) Aniline                     | 7.47  | 93  | 429764  | 32.00 | ng | 99     |
| 8) 2-Chlorophenol              | 7.71  | 128 | 331055  | 50.28 | ng | 99     |
| 9) Benzaldehyde                | 7.28  | 77  | 140354m | 21.68 | ng |        |
| 10) Phenol                     | 7.34  | 94  | 511116  | 51.26 | ng | 89     |
| 11) bis(2-Chloroethyl)ether    | 7.56  | 93  | 343648  | 43.49 | ng | 93     |
| 12) 1,3-Dichlorobenzene        | 8.04  | 146 | 334338  | 41.48 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 8.19  | 146 | 348871  | 43.24 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 8.51  | 146 | 331517  | 41.33 | ng | 93     |
| 15) Benzyl Alcohol             | 8.39  | 79  | 445455  | 50.19 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.68  | 45  | 404658  | 41.92 | ng | 95     |
| 17) 2-Methylphenol             | 8.59  | 107 | 334550  | 51.55 | ng | 90     |
| 18) Hexachloroethane           | 9.25  | 117 | 136018  | 39.94 | ng | 91     |
| 19) n-Nitroso-di-n-propylamine | 8.96  | 70  | 352903  | 40.40 | ng | 96     |
| 20) 3+4-Methylphenols          | 8.92  | 107 | 462529  | 51.10 | ng | 95     |
| 22) Acetophenone               | 8.98  | 105 | 572651  | 40.73 | ng | # 91   |
| 24) Nitrobenzene               | 9.37  | 77  | 524285  | 45.10 | ng | 91     |
| 25) Isophorone                 | 9.89  | 82  | 914077  | 41.54 | ng | 96     |
| 26) 2-Nitrophenol              | 10.09 | 139 | 207748  | 45.54 | ng | 85     |
| 27) 2,4-Dimethylphenol         | 10.14 | 122 | 365271  | 46.32 | ng | 88     |
| 28) bis(2-Chloroethoxy)methane | 10.37 | 93  | 525684  | 42.83 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.63 | 162 | 400397  | 47.61 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.84 | 180 | 409022  | 42.44 | ng | 99     |
| 31) Naphthalene                | 11.03 | 128 | 1021963 | 42.85 | ng | 99     |
| 32) Benzoic acid               | 10.28 | 122 | 267359  | 37.27 | ng | 92     |
| 33) 4-Chloroaniline            | 11.14 | 127 | 221964  | 19.03 | ng | 96     |
| 34) Hexachlorobutadiene        | 11.31 | 225 | 311324  | 39.85 | ng | 98     |
| 35) Caprolactam                | 11.91 | 113 | 143718m | 41.53 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.26 | 107 | 509666  | 44.31 | ng | 95     |
| 37) 2-Methylnaphthalene        | 12.63 | 142 | 816796  | 43.33 | ng | 97     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.00 | 216 | 546137  | 34.88 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 12.97 | 237 | 735749  | 81.63 | ng | 98     |
| 42) 2,4,6-Trichlorophenol      | 13.23 | 196 | 393967  | 43.78 | ng | 96     |

Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\  
 Data File : BG022963.D  
 Acq On : 9 Jul 2016 13:25  
 Operator : UM/SJ  
 Sample : PB91974BSD  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB91974BSD

Quant Time: Jul 11 01:50:12 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 07 16:51:07 2016  
 Response via : Initial Calibration

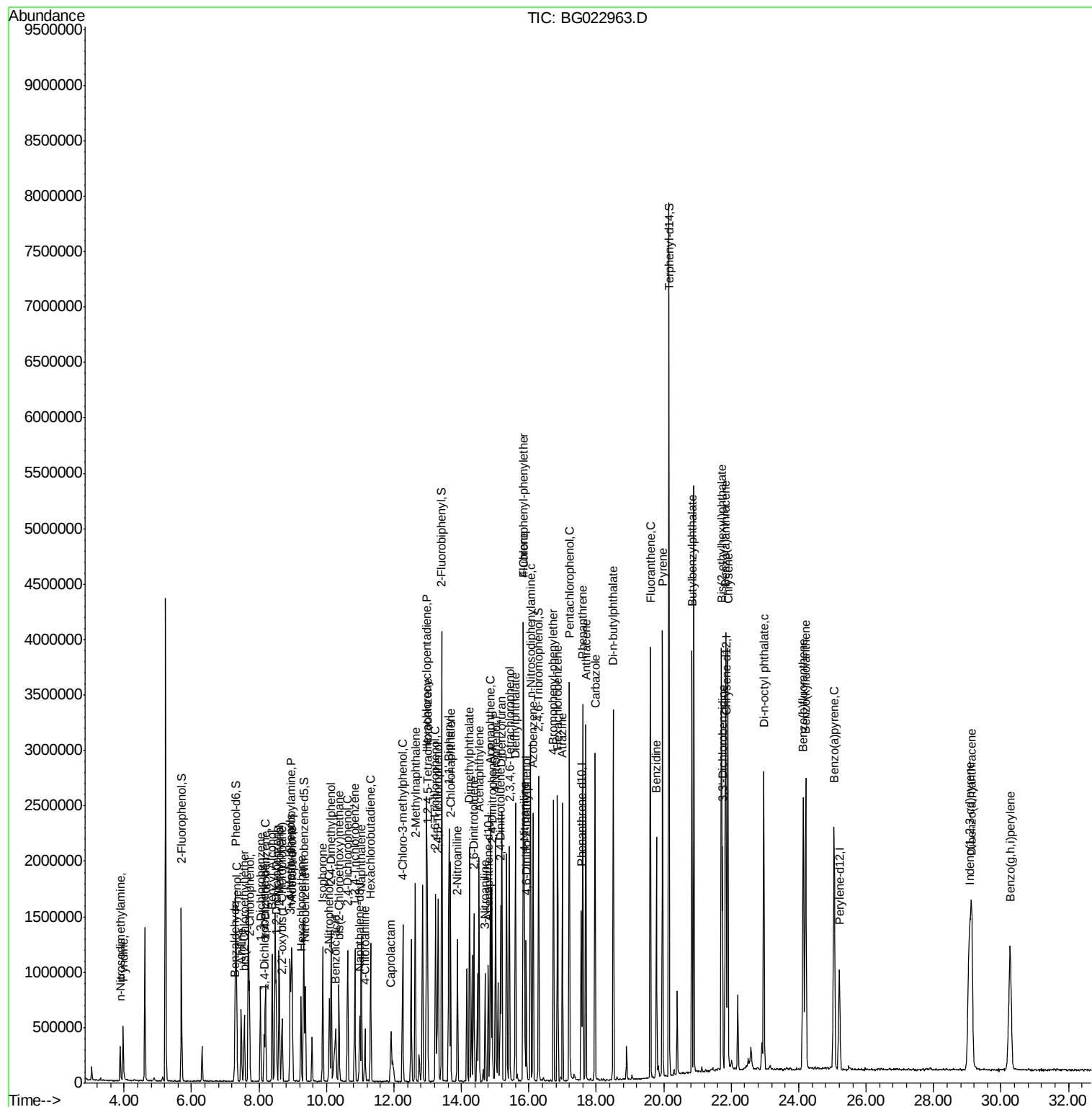
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 43) 2,4,5-Trichlorophenol      | 13.31 | 196  | 426805   | 46.19 | nq    | 94       |
| 45) 1,1'-Biphenyl              | 13.63 | 154  | 1145249  | 42.01 | nq    | 99       |
| 46) 2-Chloronaphthalene        | 13.68 | 162  | 937154   | 42.38 | nq    | 97       |
| 47) 2-Nitroaniline             | 13.88 | 65   | 416300   | 44.12 | nq    | 97       |
| 48) Acenaphthylene             | 14.52 | 152  | 1416670  | 42.71 | nq    | 99       |
| 49) Dimethylphthalate          | 14.24 | 163  | 1297042  | 43.70 | nq    | 98       |
| 50) 2,6-Dinitrotoluene         | 14.37 | 165  | 295962   | 44.37 | nq    | 87       |
| 51) Acenaphthene               | 14.86 | 154  | 937662   | 43.26 | nq    | 98       |
| 52) 3-Nitroaniline             | 14.70 | 138  | 195663   | 29.42 | nq    | 98       |
| 53) 2,4-Dinitrophenol          | 14.91 | 184  | 379928   | 83.02 | nq    | 91       |
| 54) Dibenzofuran               | 15.20 | 168  | 1493841  | 46.04 | nq    | 97       |
| 55) 4-Nitrophenol              | 15.02 | 139  | 482662   | 86.58 | nq    | 96       |
| 56) 2,4-Dinitrotoluene         | 15.16 | 165  | 446705   | 45.94 | nq    | # 94     |
| 57) Fluorene                   | 15.85 | 166  | 1238719  | 44.36 | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.42 | 232  | 438169   | 47.39 | nq    | 99       |
| 59) Diethylphthalate           | 15.60 | 149  | 1340392  | 44.39 | nq    | 97       |
| 60) 4-Chlorophenyl-phenylether | 15.83 | 204  | 731532   | 43.01 | nq    | 96       |
| 61) 4-Nitroaniline             | 15.87 | 138  | 301118   | 41.84 | nq    | # 84     |
| 62) Azobenzene                 | 16.13 | 77   | 1432766  | 49.61 | nq    | 93       |
| 64) 4,6-Dinitro-2-methylphenol | 15.92 | 198  | 283698   | 41.37 | nq    | 95       |
| 65) n-Nitrosodiphenylamine     | 16.05 | 169  | 1168854  | 43.97 | nq    | 95       |
| 66) 4-Bromophenyl-phenylether  | 16.73 | 248  | 517636   | 43.12 | nq    | 93       |
| 67) Hexachlorobenzene          | 16.85 | 284  | 546524   | 41.87 | nq    | 100      |
| 68) Atrazine                   | 17.00 | 200  | 490229   | 41.57 | nq    | 95       |
| 69) Pentachlorophenol          | 17.20 | 266  | 682615   | 80.75 | nq    | 98       |
| 70) Phenanthrene               | 17.60 | 178  | 2030360  | 44.90 | nq    | 98       |
| 71) Anthracene                 | 17.69 | 178  | 2081387  | 45.45 | nq    | 100      |
| 72) Carbazole                  | 17.96 | 167  | 1789114  | 45.22 | nq    | 98       |
| 73) Di-n-butylphthalate        | 18.50 | 149  | 2109341  | 47.94 | nq    | 97       |
| 74) Fluoranthene               | 19.61 | 202  | 2350788  | 42.36 | nq    | 97       |
| 76) Benzidine                  | 19.78 | 184  | 1285345  | 44.51 | nq    | 99       |
| 77) Pyrene                     | 19.96 | 202  | 2374351  | 41.94 | nq    | 97       |
| 79) Butylbenzylphthalate       | 20.83 | 149  | 1038281  | 46.31 | nq    | 96       |
| 80) Benzo(a)anthracene         | 21.83 | 228  | 2535536  | 44.99 | nq    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 21.74 | 252  | 714929   | 28.90 | nq    | 96       |
| 82) Chrysene                   | 21.90 | 228  | 2383535  | 45.08 | nq    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 21.71 | 149  | 1414637  | 45.44 | nq    | 98       |
| 84) Di-n-octyl phthalate       | 22.97 | 149  | 2374849  | 45.74 | nq    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 29.06 | 276  | 3075706  | 45.63 | nq    | # 100    |
| 87) Benzo(b)fluoranthene       | 24.14 | 252  | 2721613  | 45.82 | nq    | 97       |
| 88) Benzo(k)fluoranthene       | 24.21 | 252  | 2541210  | 45.08 | nq    | # 95     |
| 89) Benzo(a)pyrene             | 25.05 | 252  | 2622014  | 46.05 | nq    | # 98     |
| 90) Dibenzo(a,h)anthracene     | 29.12 | 278  | 2568949  | 45.45 | nq    | # 93     |
| 91) Benzo(g,h,i)perylene       | 30.27 | 276  | 2548709  | 45.03 | nq    | 96       |

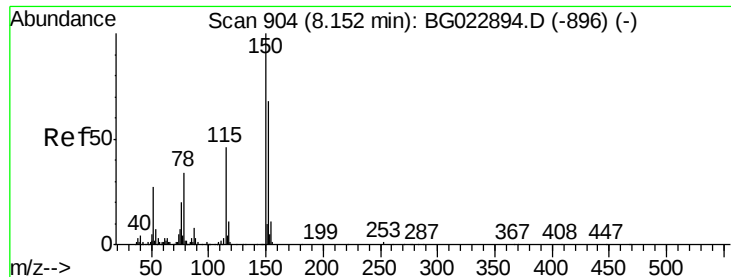
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\  
 Data File : BG022963.D  
 Acq On : 9 Jul 2016 13:25  
 Operator : UM/SJ  
 Sample : PB91974BSD  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleID :  
 PB91974BSD

Quant Time: Jul 11 01:50:12 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 07 16:51:07 2016  
 Response via : Initial Calibration



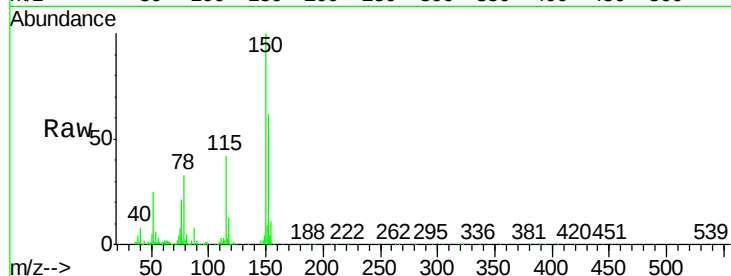


#1

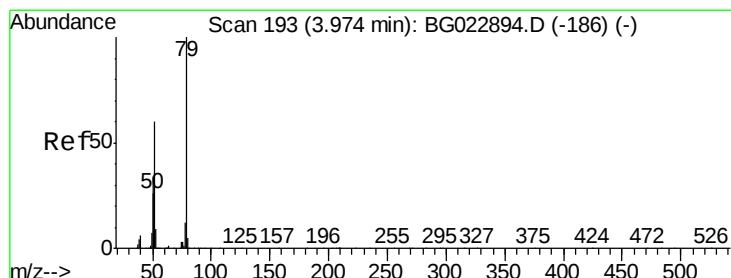
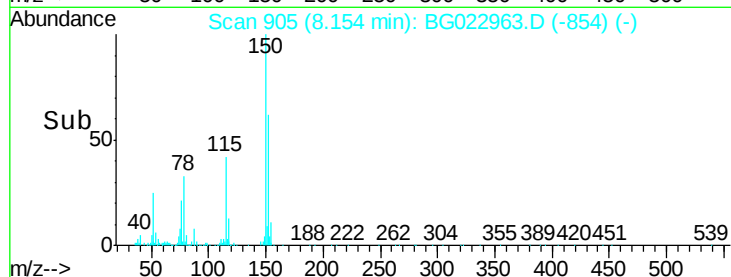
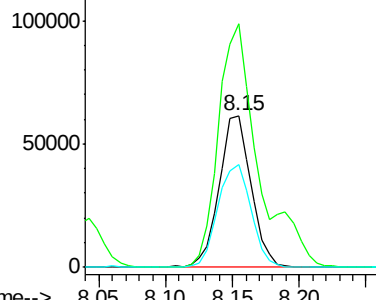
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.15 min Scan# 905  
Delta R.T. 0.00 min  
Lab File: BG022963.D  
Acq: 9 Jul 2016 13:25

Instrument :  
BNA\_G  
ClientSampleId :  
PB91974BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 160.5 | 144.7 | 217.1 |
| 115     | 68.0  | 64.0  | 96.0  |



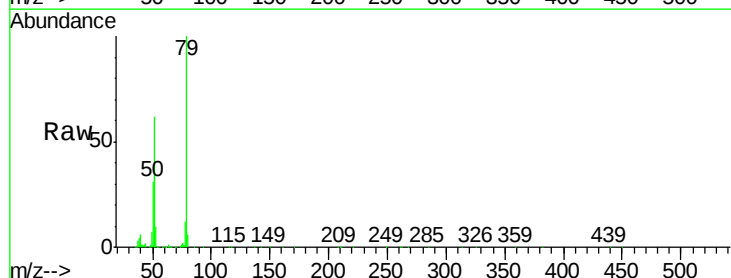
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



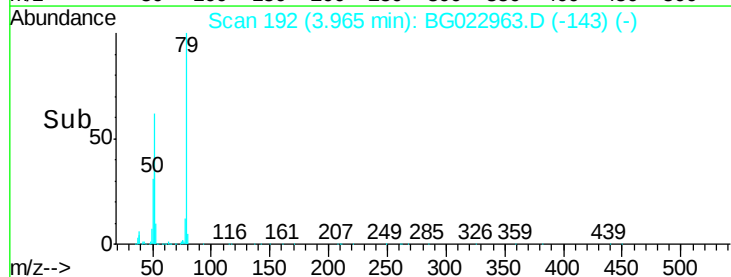
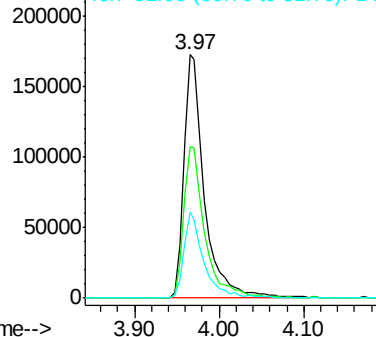
#3

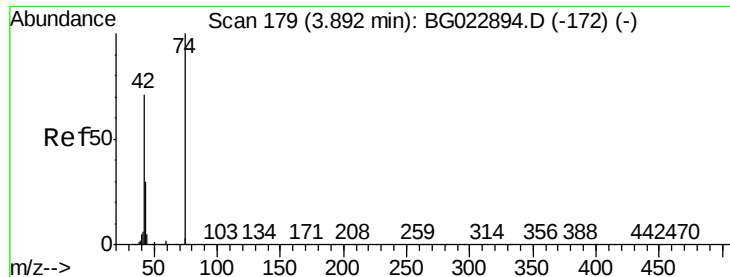
Pyridine  
Concen: 35.93 ng  
RT: 3.97 min Scan# 192  
Delta R.T. -0.01 min  
Lab File: BG022963.D  
Acq: 9 Jul 2016 13:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 62.0  | 51.8  | 77.8  |
| 51      | 35.3  | 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



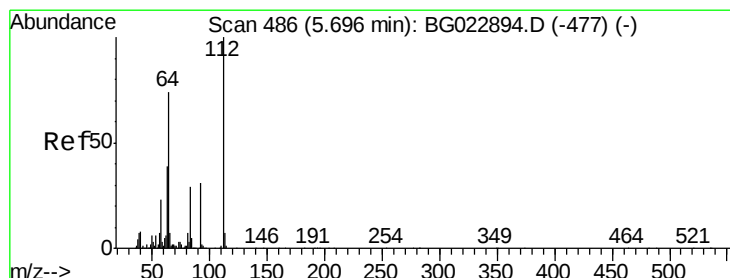
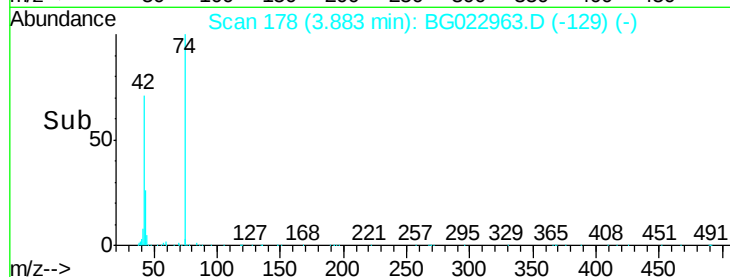
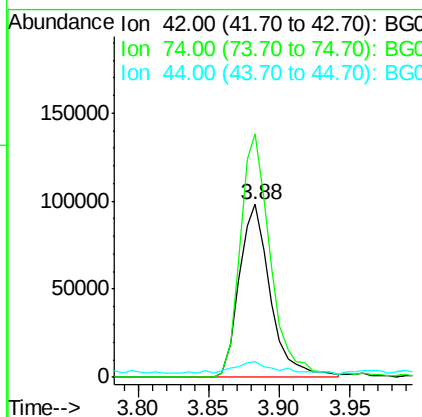
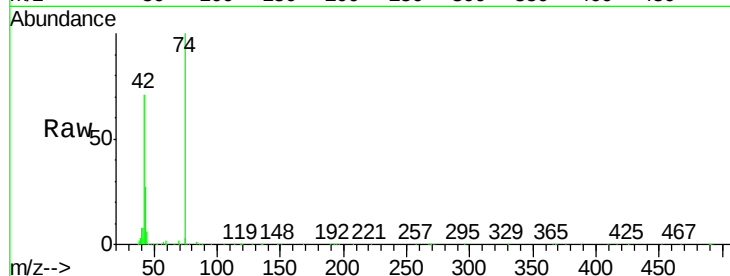


#4

n-Nitrosodimethylamine  
 Concen: 42.72 ng  
 RT: 3.88 min Scan# 178  
 Delta R.T. -0.01 min  
 Lab File: BG022963.D  
 Acq: 9 Jul 2016 13:25

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB91974BSD

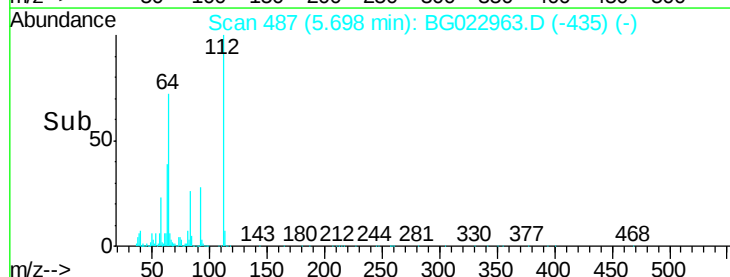
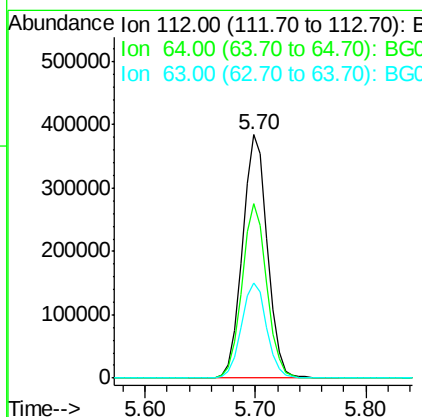
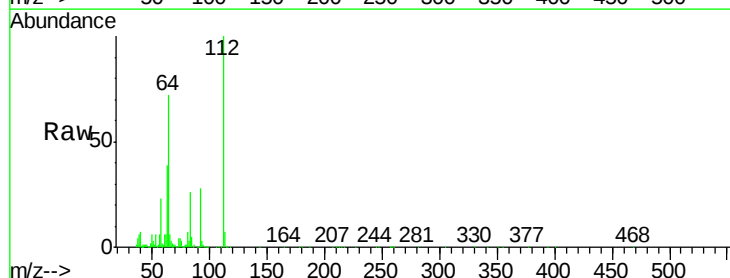
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 141.0 | 100.6 | 150.8 |
| 44      | 9.0   | 4.5   | 6.7#  |

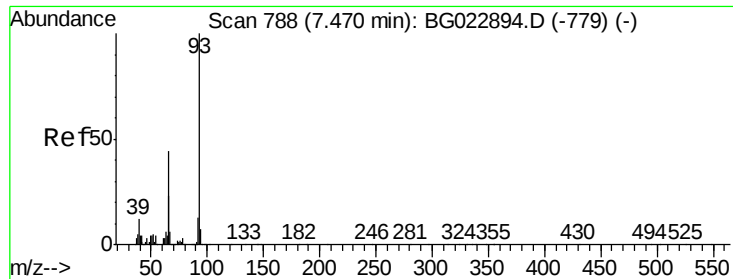


#5

2-Fluorophenol  
 Concen: 98.35 ng  
 RT: 5.70 min Scan# 487  
 Delta R.T. 0.00 min  
 Lab File: BG022963.D  
 Acq: 9 Jul 2016 13:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 71.7  | 59.0  | 88.4  |
| 63      | 38.9  | 37.8  | 56.8  |





#6

Aniline

Concen: 32.00 ng

RT: 7.47 min Scan# 789

Delta R.T. 0.00 min

Lab File: BG022963.D

Acq: 9 Jul 2016 13:25

Instrument :

BNA\_G

ClientSampleId :

PB91974BSD

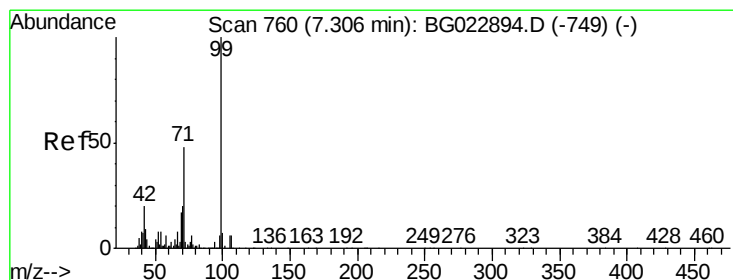
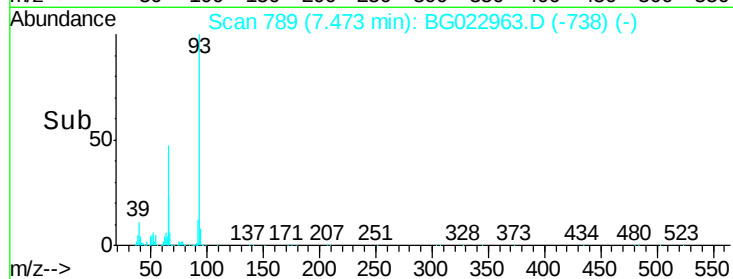
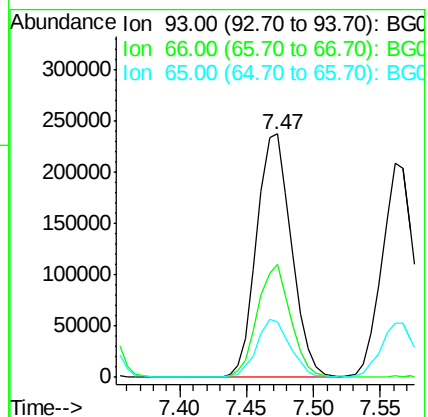
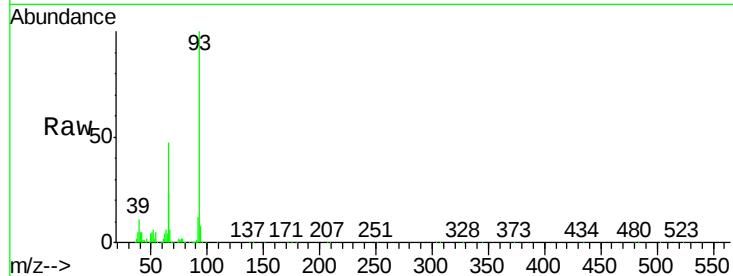
Tot Ion: 93 Resp: 429764

Ion Ratio Lower Upper

93 100

66 46.5 37.5 56.3

65 22.7 17.9 26.9



#7

Phenol-d6

Concen: 97.59 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG022963.D

Acq: 9 Jul 2016 13:25

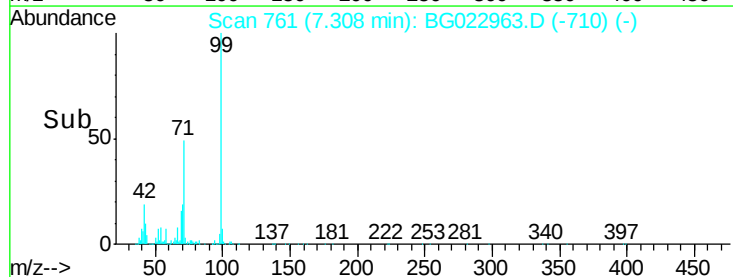
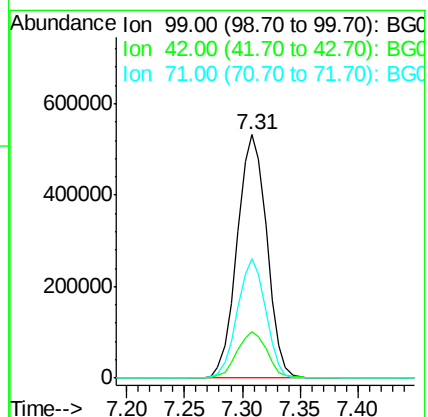
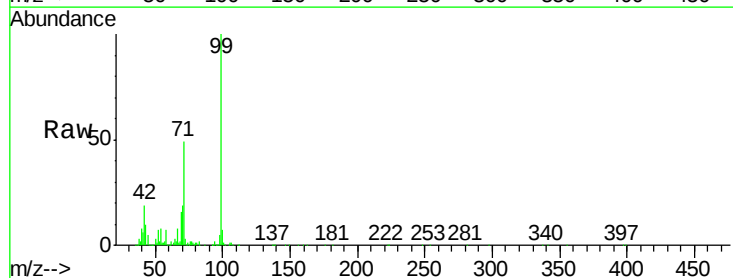
Tgt Ion: 99 Resp: 945708

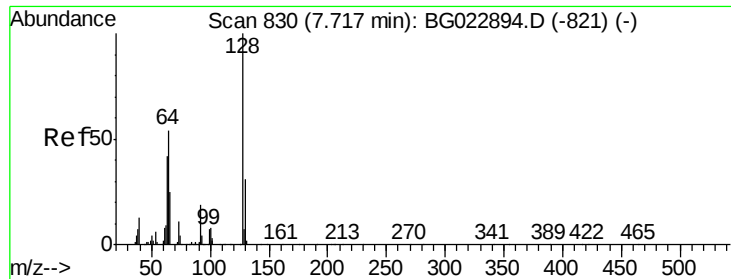
Ion Ratio Lower Upper

99 100

42 19.3 17.8 26.6

71 49.1 41.5 62.3





#8

2-Chlorophenol

Concen: 50.28 ng

RT: 7.71 min Scan# 830

Delta R.T. -0.00 min

Lab File: BG022963.D

Acq: 9 Jul 2016 13:25

Instrument :

BNA\_G

ClientSampleId :

PB91974BSD

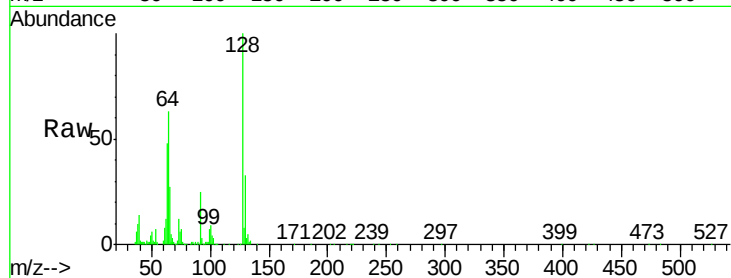
Tot Ion:128 Resp: 331055

Ion Ratio Lower Upper

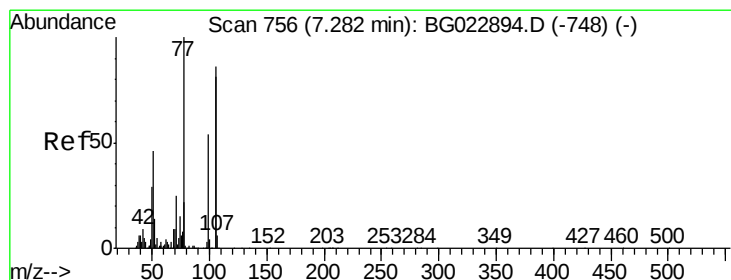
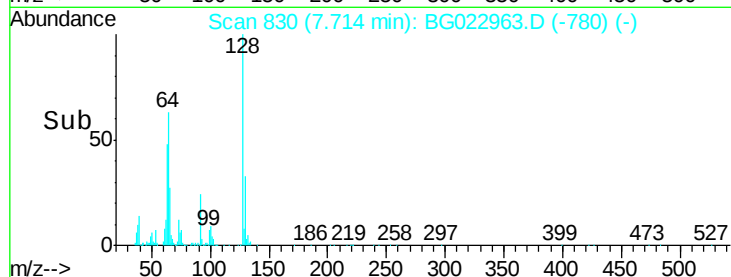
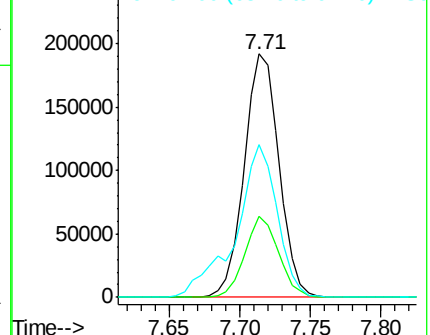
128 100

130 33.4 12.9 52.9

64 62.7 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: 21.68 ng m

RT: 7.28 min Scan# 756

Delta R.T. -0.00 min

Lab File: BG022963.D

Acq: 9 Jul 2016 13:25

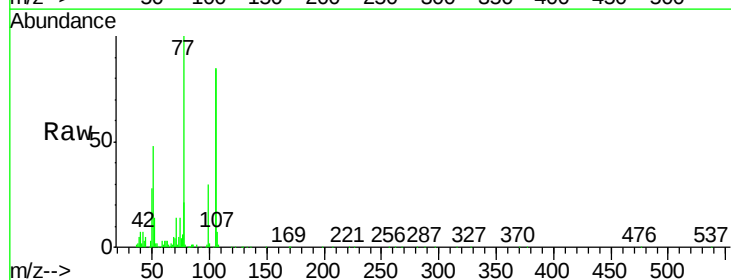
Tgt Ion: 77 Resp: 140354

Ion Ratio Lower Upper

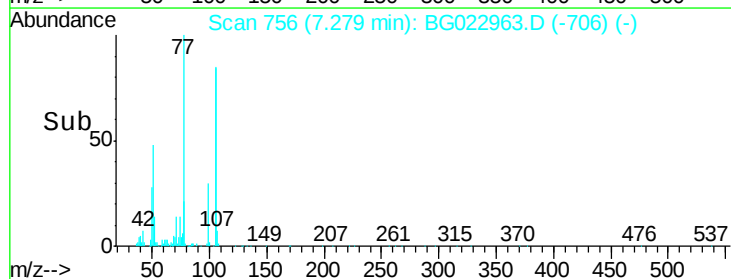
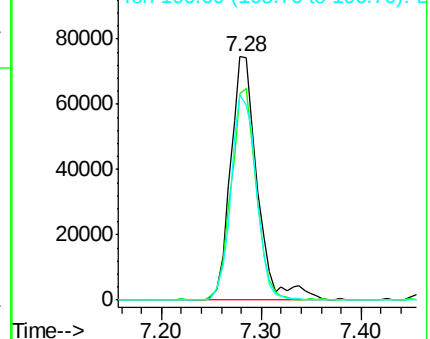
77 100

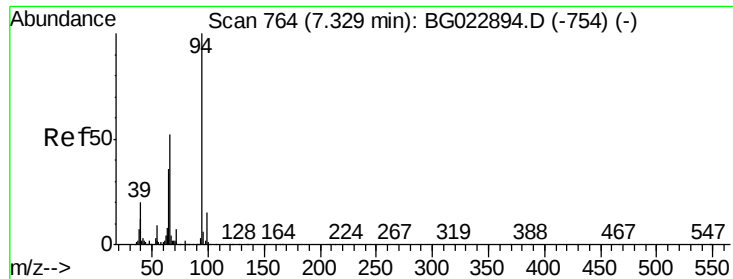
105 84.8 58.7 98.7

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: 51.26 ng

RT: 7.34 min Scan# 766

Delta R.T. 0.01 min

Lab File: BG022963.D

Acq: 9 Jul 2016 13:25

Instrument :

BNA\_G

ClientSampleId :

PB91974BSD

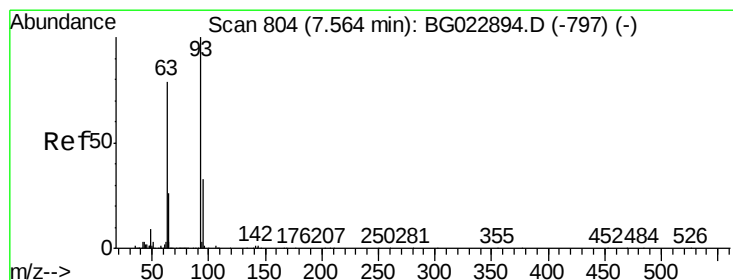
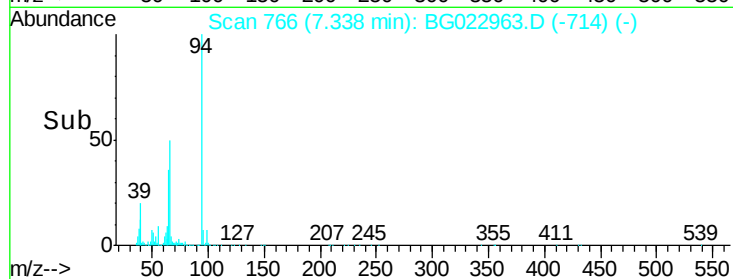
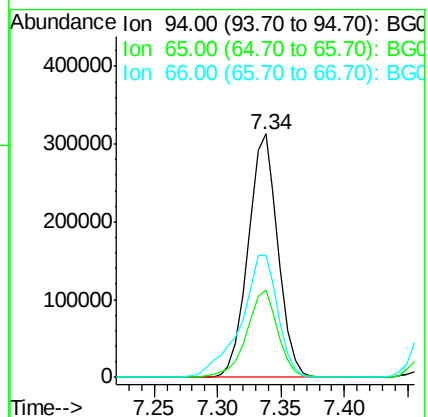
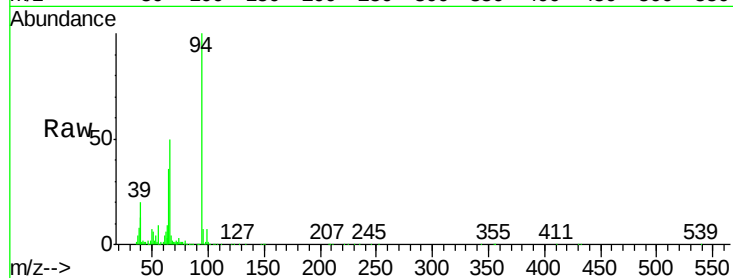
Tot Ion: 94 Resp: 511116

Ion Ratio Lower Upper

94 100

65 36.0 18.1 58.1

66 49.9 42.1 82.1



#11

bis(2-Chloroethyl)ether

Concen: 43.49 ng

RT: 7.56 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG022963.D

Acq: 9 Jul 2016 13:25

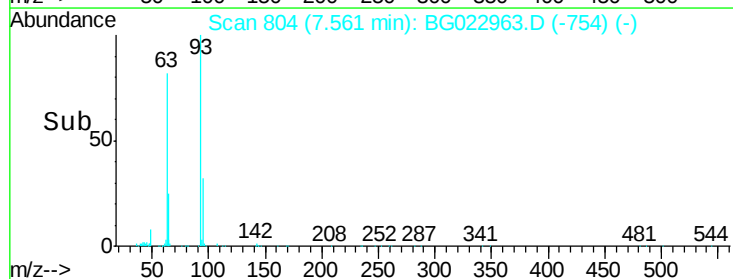
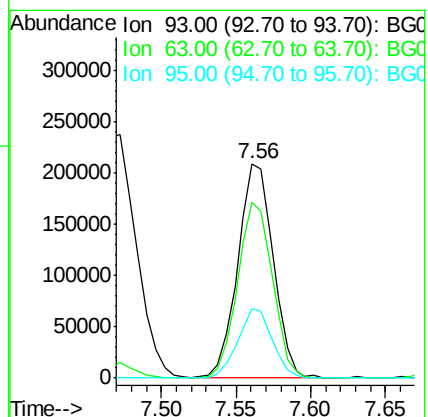
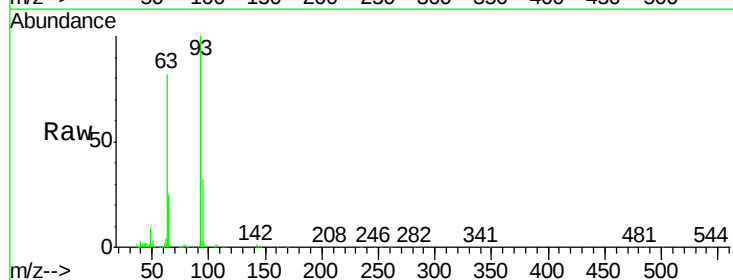
Tgt Ion: 93 Resp: 343648

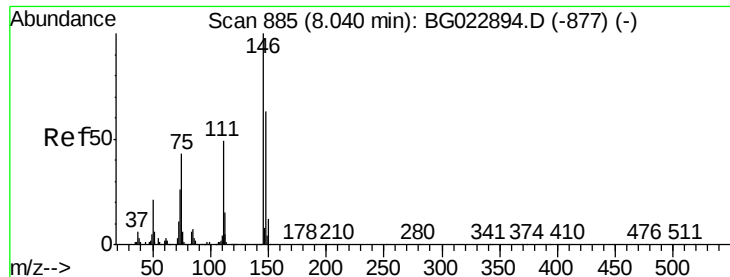
Ion Ratio Lower Upper

93 100

63 82.1 55.0 95.0

95 32.5 11.0 51.0





#12

1,3-Dichlorobenzene

Concen: 41.48 ng

RT: 8.04 min Scan# 886

Delta R.T. 0.00 min

Lab File: BG022963.D

Acq: 9 Jul 2016 13:25

Instrument :

BNA\_G

ClientSampleId :

PB91974BSD

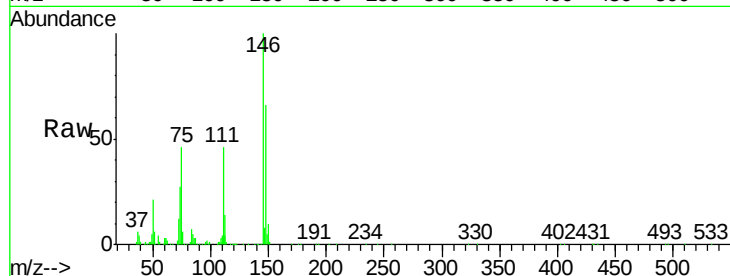
Tot Ion:146 Resp: 334338

Ion Ratio Lower Upper

146 100

148 66.2 50.3 75.5

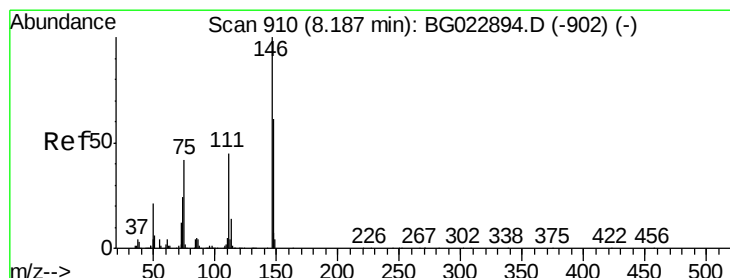
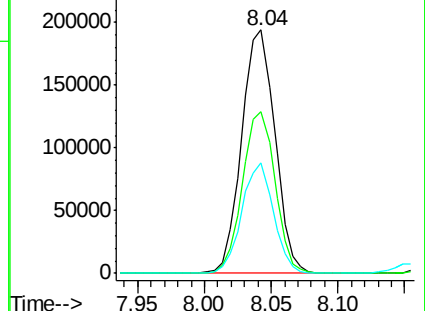
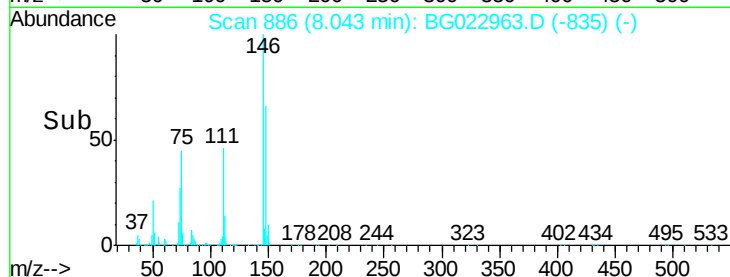
75 45.6 37.0 55.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): B



#13

1,4-Dichlorobenzene

Concen: 43.24 ng

RT: 8.19 min Scan# 911

Delta R.T. 0.00 min

Lab File: BG022963.D

Acq: 9 Jul 2016 13:25

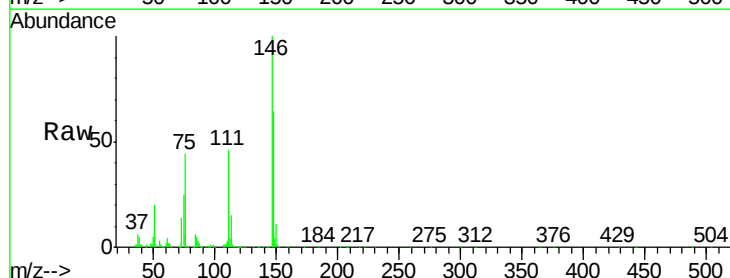
Tgt Ion:146 Resp: 348871

Ion Ratio Lower Upper

146 100

148 63.9 54.5 81.7

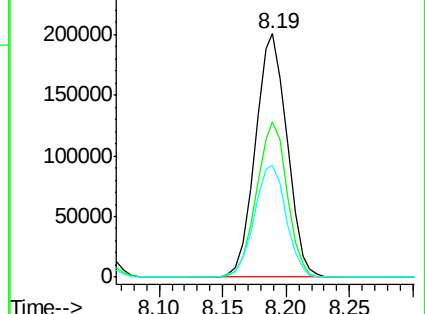
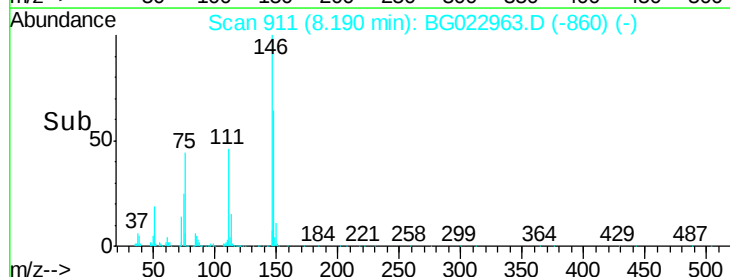
111 45.8 37.8 56.8

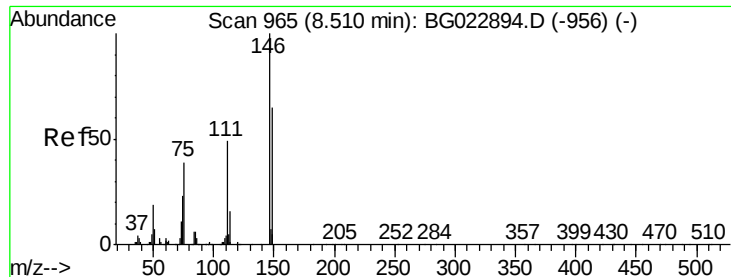


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 41.33 ng

RT: 8.51 min Scan# 965

Delta R.T. -0.00 min

Lab File: BG022963.D

Acq: 9 Jul 2016 13:25

Instrument :

BNA\_G

ClientSampleId :

PB91974BSD

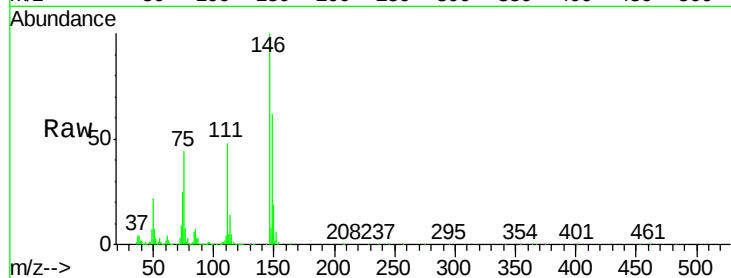
Tot Ion:146 Resp: 331517

Ion Ratio Lower Upper

146 100

148 62.4 52.9 79.3

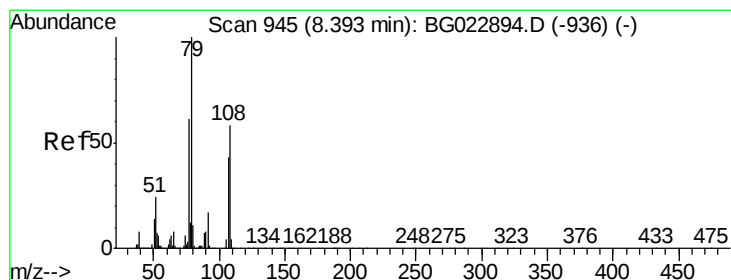
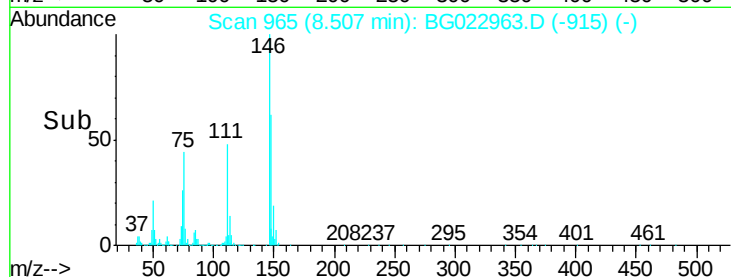
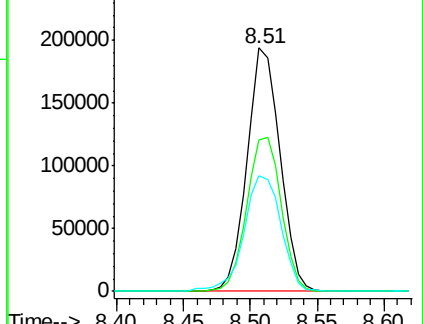
111 47.7 43.5 65.3



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: 50.19 ng

RT: 8.39 min Scan# 945

Delta R.T. -0.00 min

Lab File: BG022963.D

Acq: 9 Jul 2016 13:25

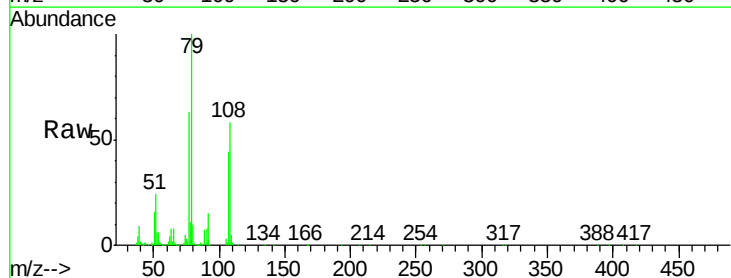
Tgt Ion: 79 Resp: 445455

Ion Ratio Lower Upper

79 100

108 57.9 46.5 69.7

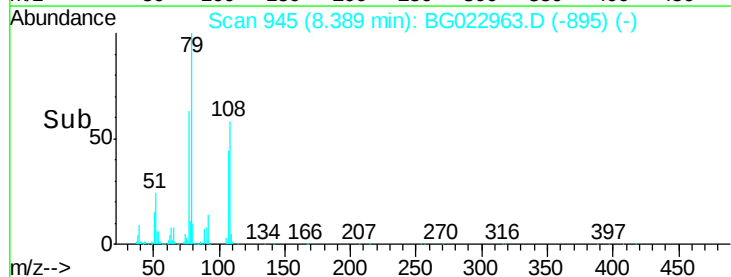
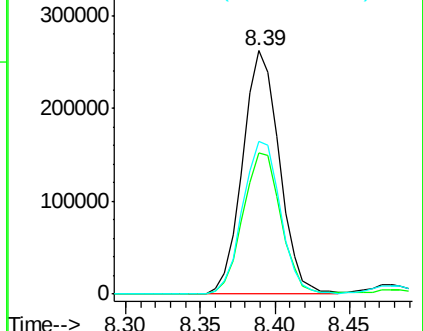
77 62.6 52.3 78.5

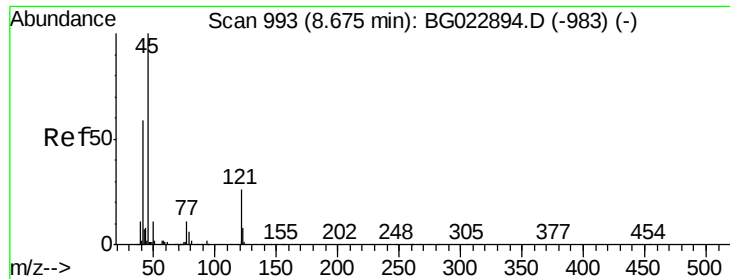


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

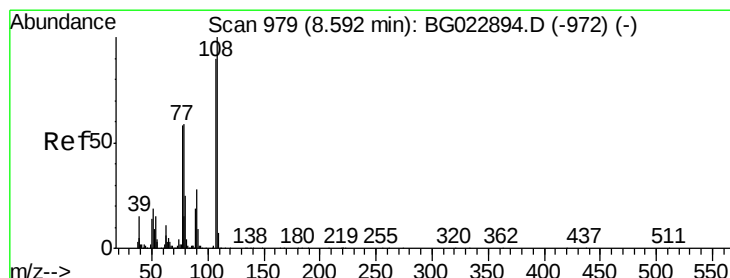
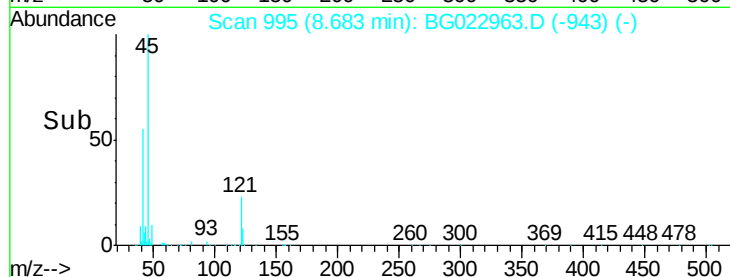
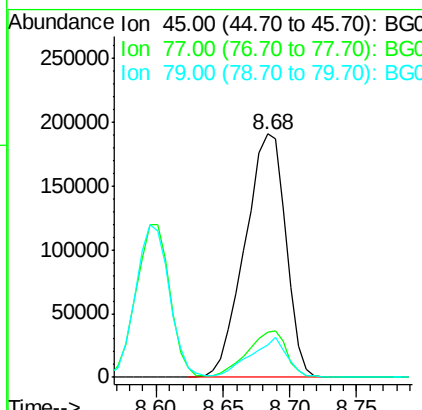
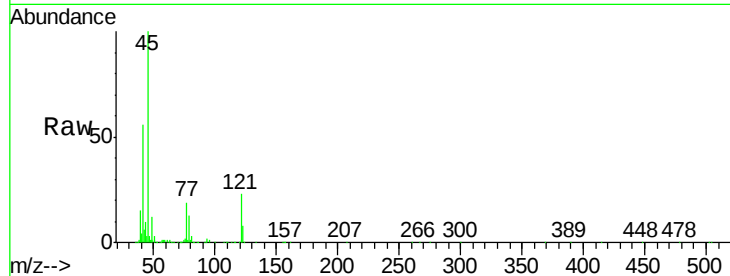




#16  
2,2'-oxvbis(1-Chloropropane)  
Concen: 41.92 ng  
RT: 8.68 min Scan# 995  
Delta R.T. 0.01 min  
Lab File: BG022963.D  
Acq: 9 Jul 2016 13:25

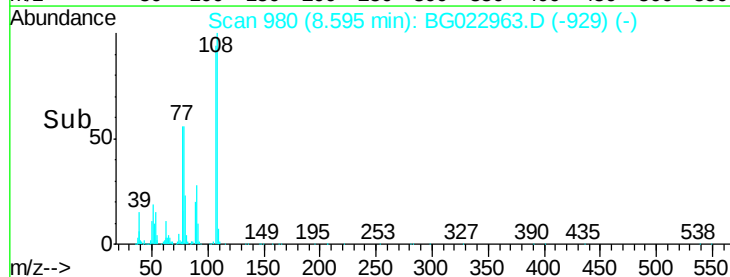
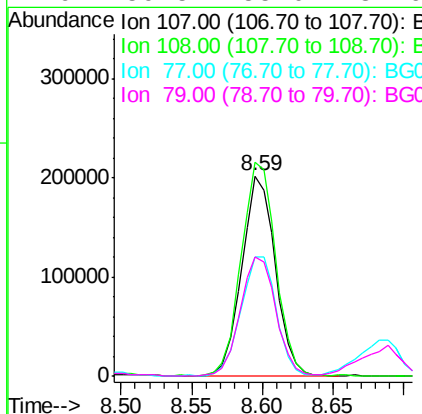
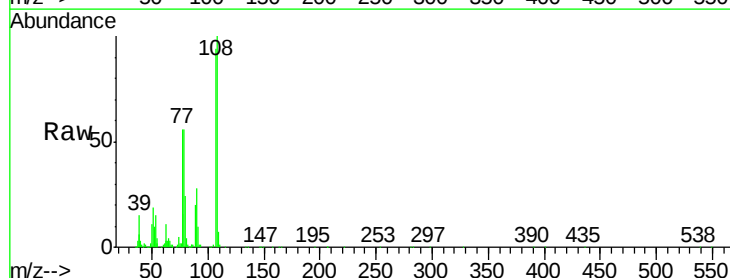
Instrument :  
BNA\_G  
ClientSampleId :  
PB91974BSD

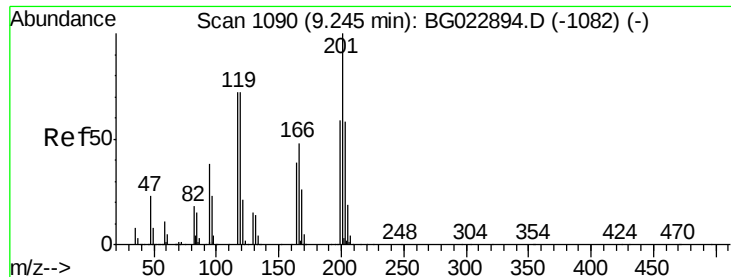
Tot Ion: 45 Resp: 404658  
Ion Ratio Lower Upper  
45 100  
77 18.8 0.6 40.6  
79 13.2 0.0 36.2



#17  
2-Methylphenol  
Concen: 51.55 ng  
RT: 8.59 min Scan# 980  
Delta R.T. 0.00 min  
Lab File: BG022963.D  
Acq: 9 Jul 2016 13:25

Tgt Ion: 107 Resp: 334550  
Ion Ratio Lower Upper  
107 100  
108 106.9 92.0 138.0  
77 59.7 55.8 83.6  
79 59.5 55.0 82.6

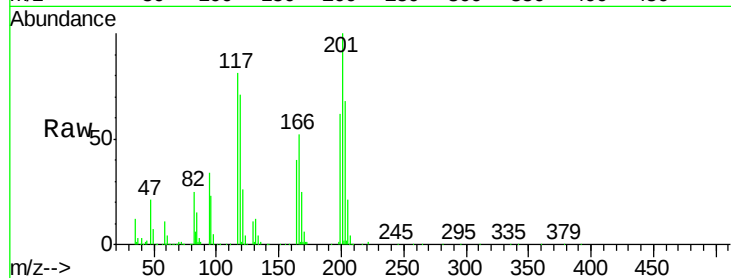




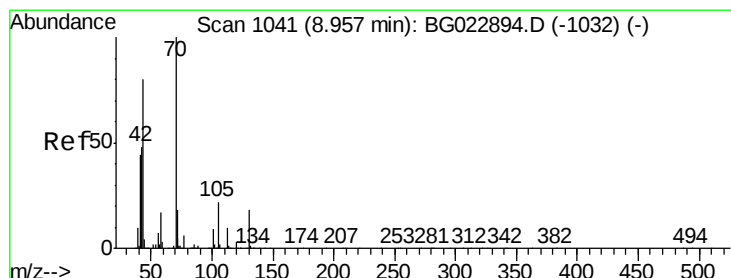
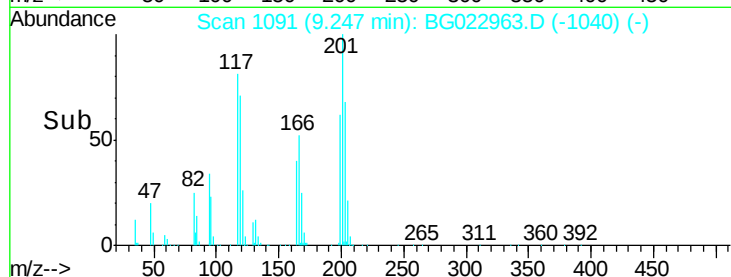
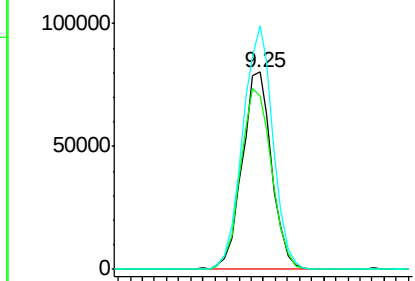
#18  
Hexachloroethane  
Concen: 39.94 ng  
RT: 9.25 min Scan# 1091  
Delta R.T. 0.00 min  
Lab File: BG022963.D  
Acq: 9 Jul 2016 13:25

Instrument :  
BNA\_G  
ClientSampleId :  
PB91974BSD

Tot Ion:117 Resp: 136018  
Ion Ratio Lower Upper  
117 100  
119 87.8 73.7 110.5  
201 123.6 88.7 133.1



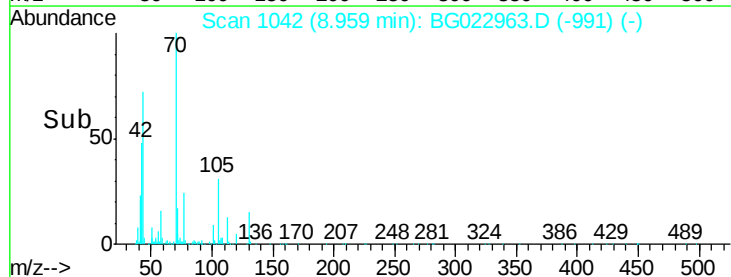
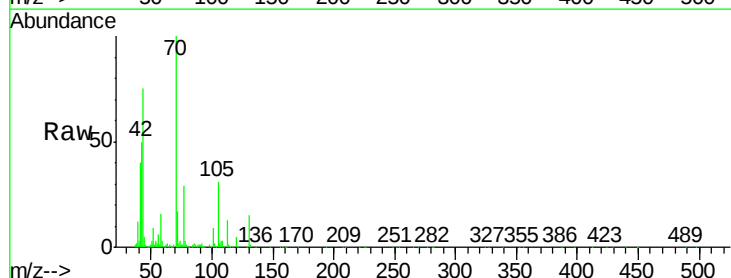
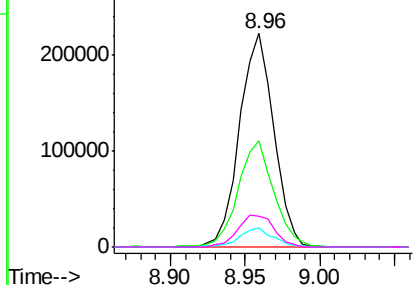
Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E

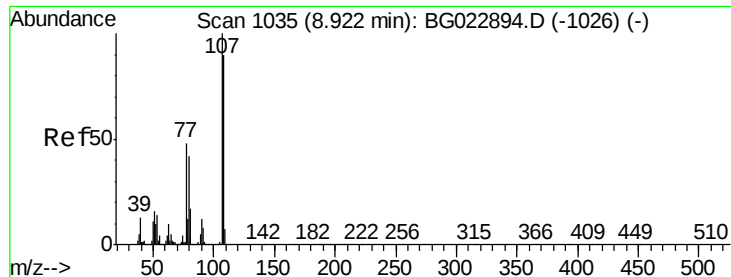


#19  
n-Nitroso-di-n-propylamine  
Concen: 40.40 ng  
RT: 8.96 min Scan# 1042  
Delta R.T. 0.00 min  
Lab File: BG022963.D  
Acq: 9 Jul 2016 13:25

Tgt Ion: 70 Resp: 352903  
Ion Ratio Lower Upper  
70 100  
42 49.8 42.1 63.1  
101 8.8 7.2 10.8  
130 14.7 14.2 21.2

Abundance Ion 70.00 (69.70 to 70.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 101.00 (100.70 to 101.70): E  
Ion 130.00 (129.70 to 130.70): E

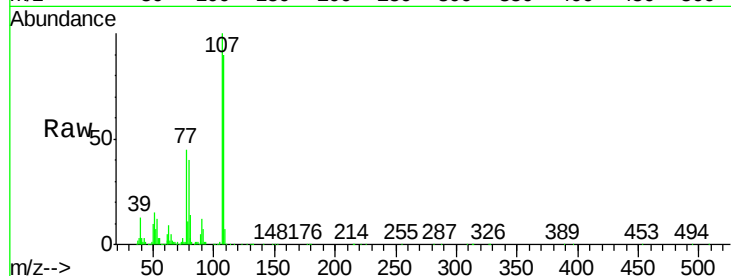




#20  
3+4-Methylphenols  
Concen: 51.10 ng  
RT: 8.92 min Scan# 1036  
Delta R.T. 0.00 min  
Lab File: BG022963.D  
Acq: 9 Jul 2016 13:25

Instrument :  
BNA\_G  
ClientSampleId :  
PB91974BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 89.6  | 72.5  | 112.5 |
| 77      | 45.4  | 30.1  | 70.1  |
| 79      | 39.5  | 24.2  | 64.2  |



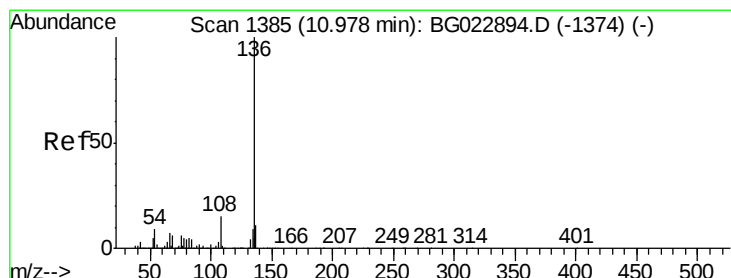
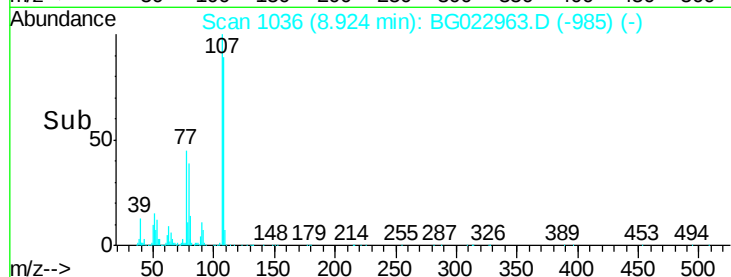
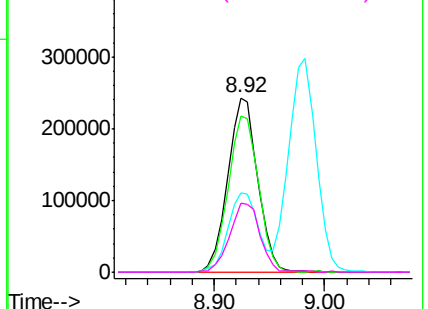
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.98 min Scan# 1386  
Delta R.T. 0.00 min  
Lab File: BG022963.D  
Acq: 9 Jul 2016 13:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 12.6  | 9.6   | 14.4  |
| 54      | 8.3   | 7.3   | 10.9  |
| 68      | 5.5   | 5.3   | 7.9   |

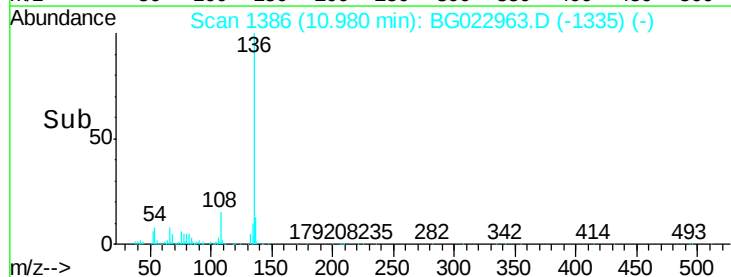
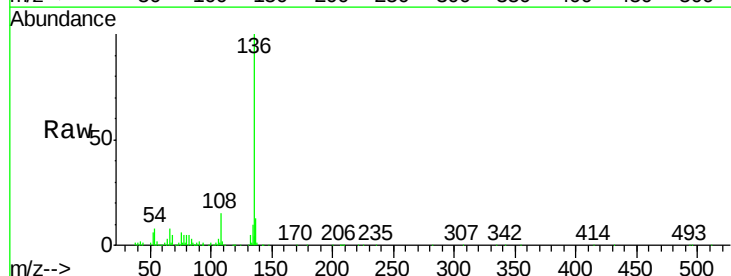
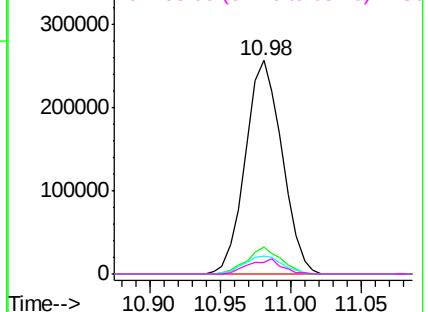
Abundance

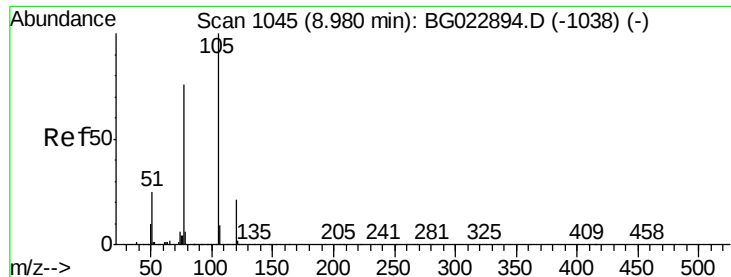
Ion 136.00 (135.70 to 136.70): E

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





#22

Acetophenone

Concen: 40.73 ng

RT: 8.98 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BG022963.D

Acq: 9 Jul 2016 13:25

Instrument :

BNA\_G

ClientSampleId :

PB91974BSD

Tot Ion:105 Resp: 572651

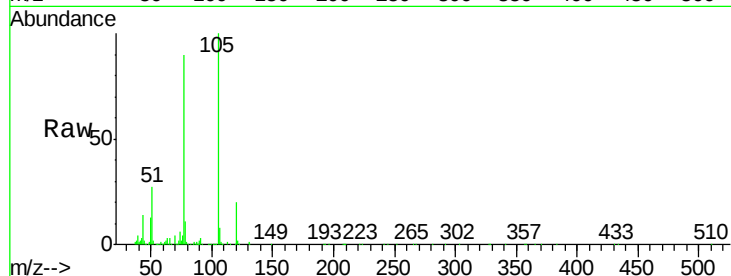
Ion Ratio Lower Upper

105 100

71 0.4 2.6 3.8#

51 26.6 27.1 40.7#

120 19.8 15.1 22.7

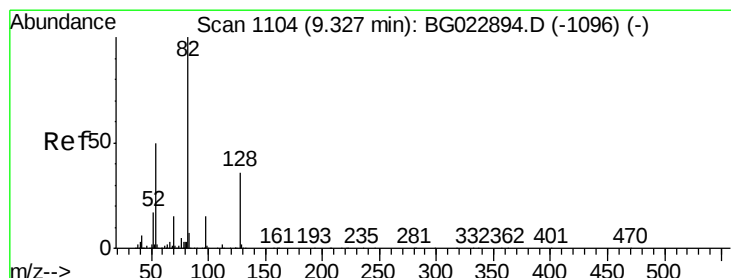
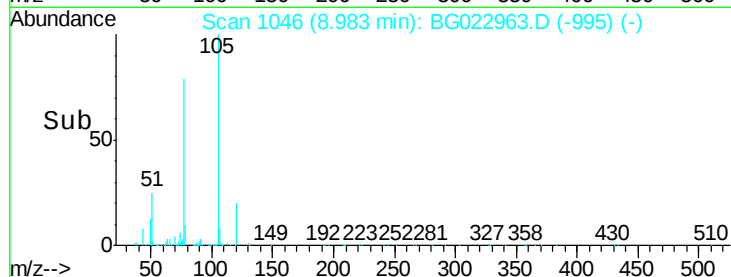
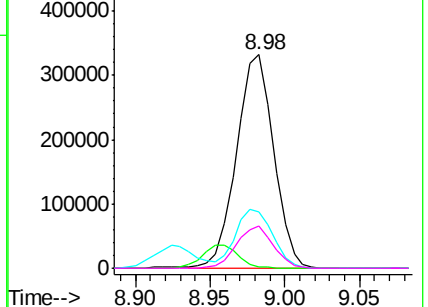


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 86.78 ng

RT: 9.32 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BG022963.D

Acq: 9 Jul 2016 13:25

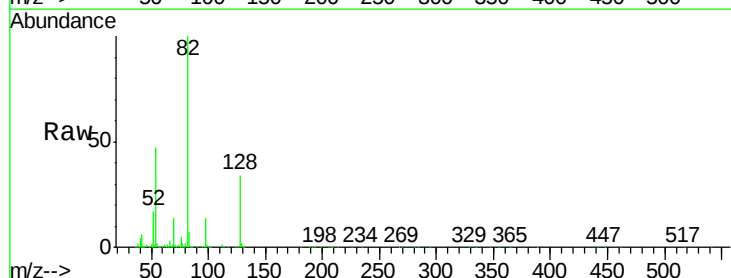
Tgt Ion: 82 Resp: 949490

Ion Ratio Lower Upper

82 100

128 33.7 24.4 36.6

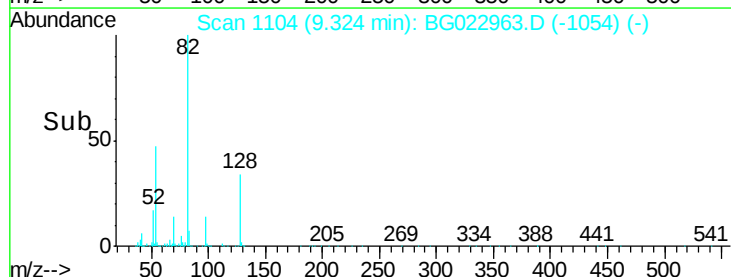
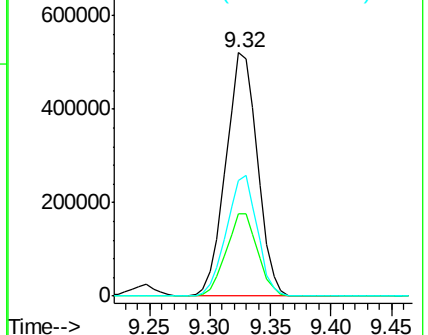
54 47.4 41.4 62.0

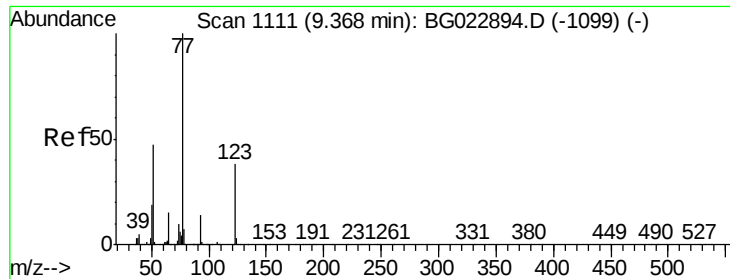


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

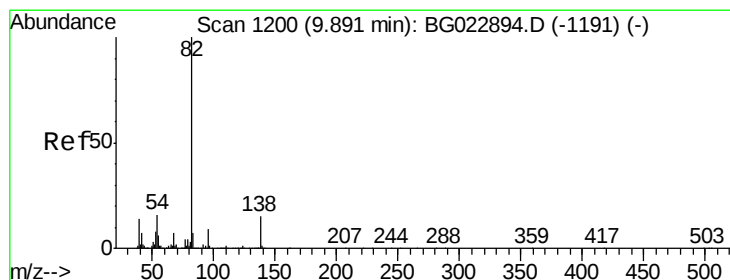
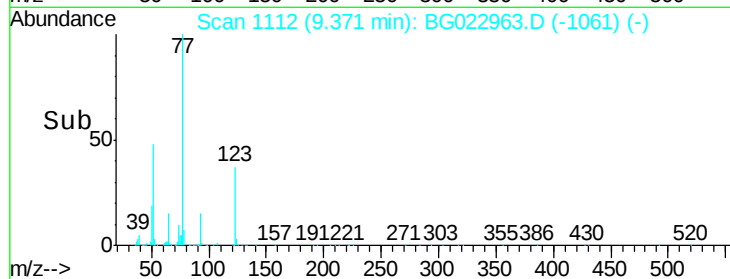
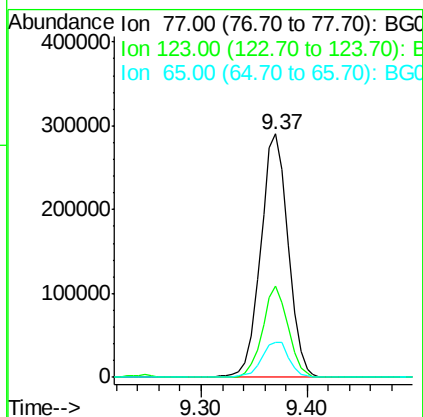
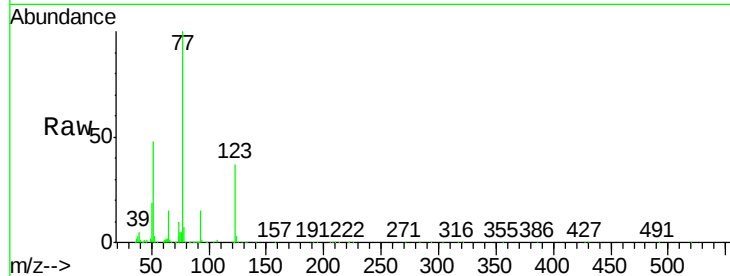




#24  
 Nitrobenzene  
 Concen: 45.10 ng  
 RT: 9.37 min Scan# 1112  
 Delta R.T. 0.00 min  
 Lab File: BG022963.D  
 Acq: 9 Jul 2016 13:25

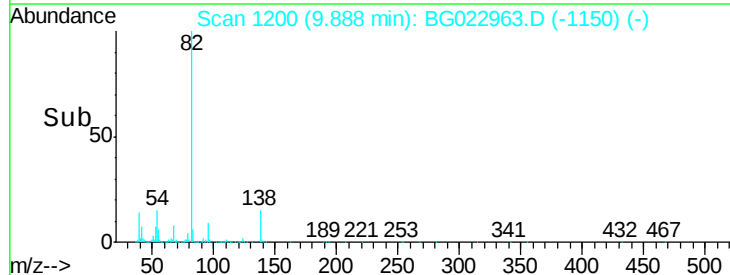
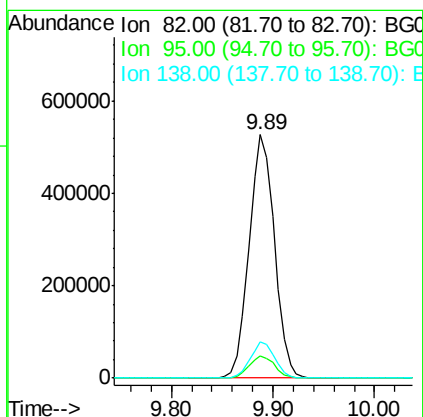
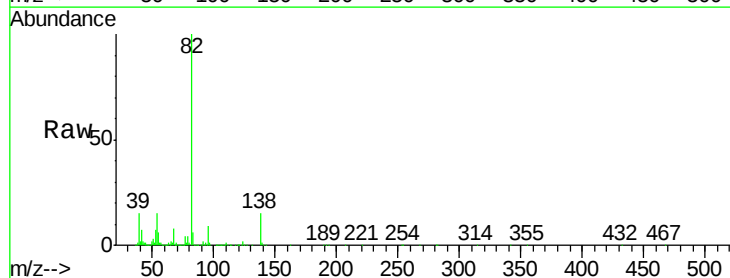
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB91974BSD

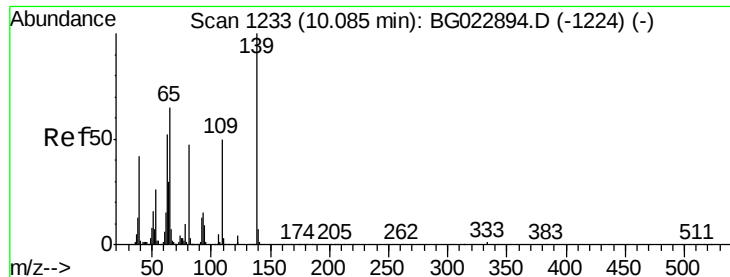
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 37.5  | 25.0  | 37.6  |
| 65      | 14.6  | 13.4  | 20.0  |



#25  
 Isophorone  
 Concen: 41.54 ng  
 RT: 9.89 min Scan# 1200  
 Delta R.T. -0.00 min  
 Lab File: BG022963.D  
 Acq: 9 Jul 2016 13:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 8.9   | 8.2   | 12.2  |
| 138     | 15.2  | 10.7  | 16.1  |

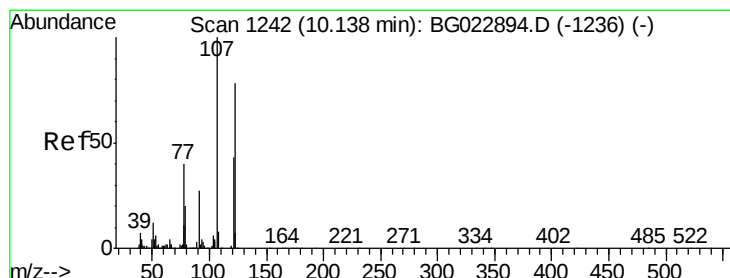
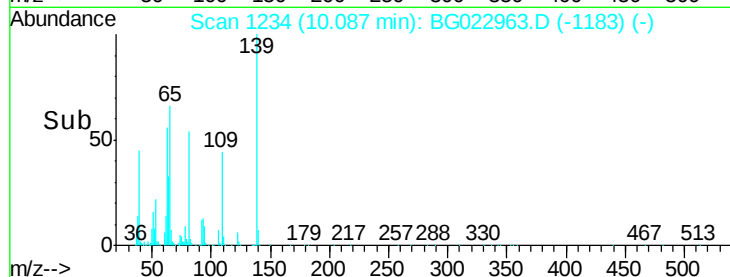
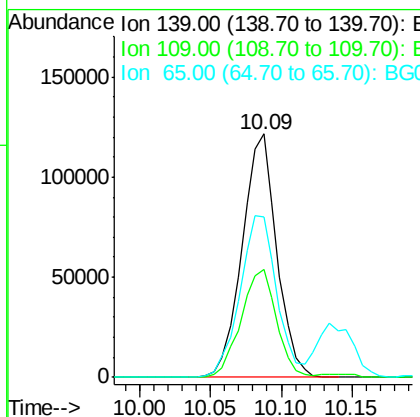
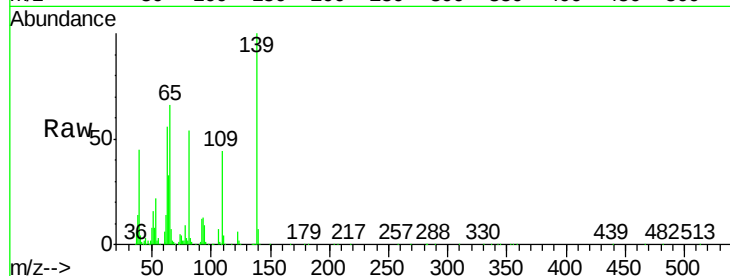




#26  
2-Nitrophenol  
Concen: 45.54 ng  
RT: 10.09 min Scan# 1234  
Delta R.T. 0.00 min  
Lab File: BG022963.D  
Acq: 9 Jul 2016 13:25

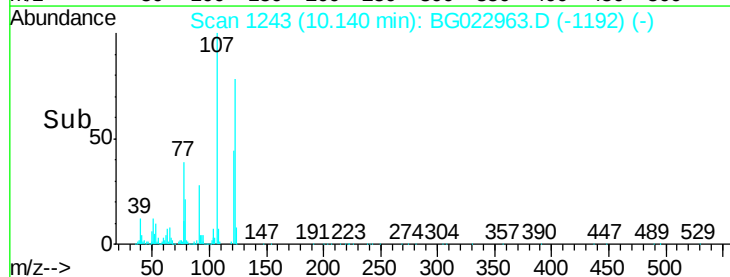
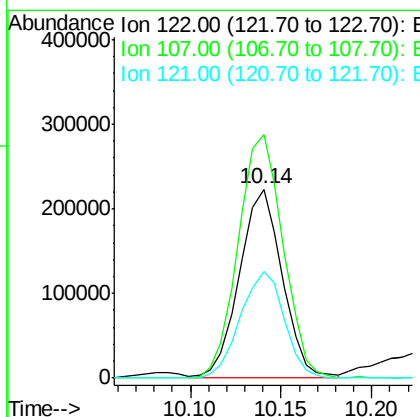
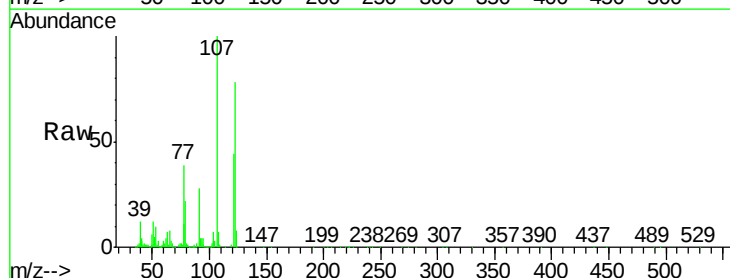
Instrument :  
BNA\_G  
ClientSampleId :  
PB91974BSD

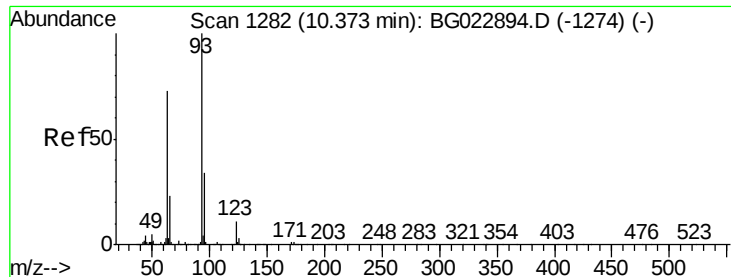
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 44.5  | 43.5  | 65.3  |
| 65      | 65.9  | 64.3  | 96.5  |



#27  
2,4-Dimethylphenol  
Concen: 46.32 ng  
RT: 10.14 min Scan# 1243  
Delta R.T. 0.00 min  
Lab File: BG022963.D  
Acq: 9 Jul 2016 13:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 128.7 | 117.0 | 175.4 |
| 121     | 56.2  | 50.1  | 75.1  |





#28

bis(2-Chloroethoxy)methane

Concen: 42.83 ng

RT: 10.37 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BG022963.D

Acq: 9 Jul 2016 13:25

Instrument :

BNA\_G

ClientSampleId :

PB91974BSD

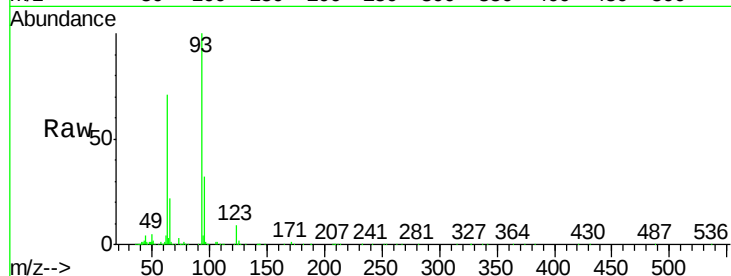
Tot Ion: 93 Resp: 525684

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 95  | 32.0  | 25.4  | 38.2  |
| 123 | 8.8   | 8.2   | 12.2  |

93 100

95 32.0 25.4 38.2

123 8.8 8.2 12.2

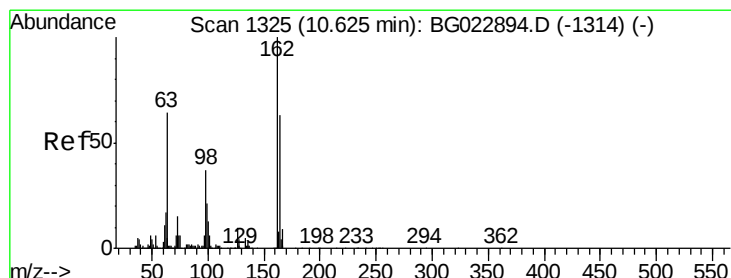
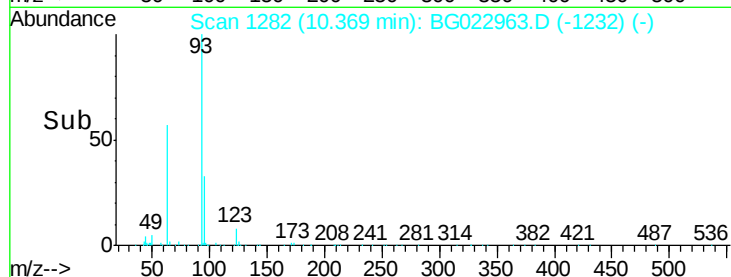
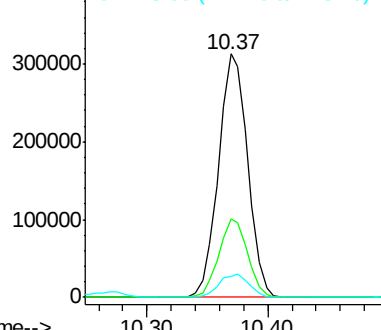


Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): BGC



#29

2,4-Dichlorophenol

Concen: 47.61 ng

RT: 10.63 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BG022963.D

Acq: 9 Jul 2016 13:25

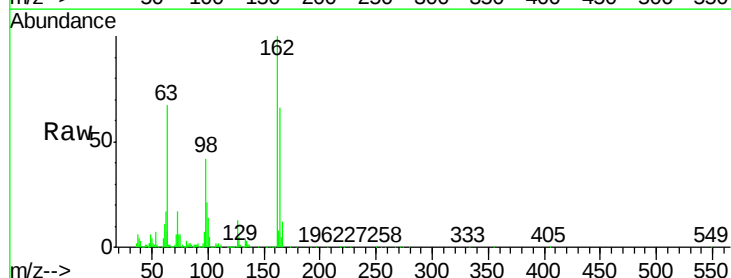
Tgt Ion: 162 Resp: 400397

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 164 | 65.5  | 44.3  | 84.3  |
| 98  | 41.7  | 19.5  | 59.5  |

162 100

164 65.5 44.3 84.3

98 41.7 19.5 59.5

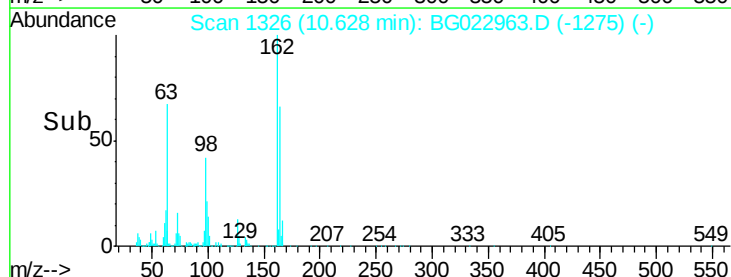
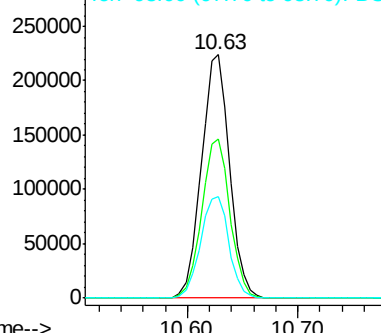


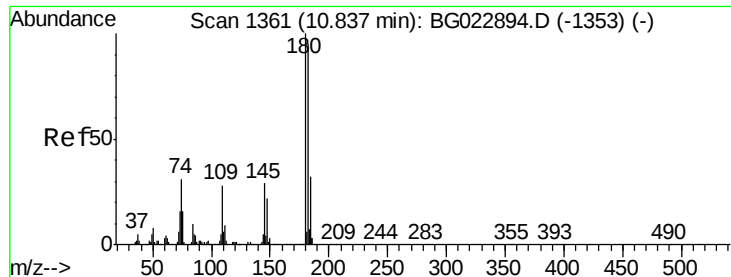
Abundance

Ion 162.00 (161.70 to 162.70): BGC

Ion 164.00 (163.70 to 164.70): BGC

Ion 98.00 (97.70 to 98.70): BGC

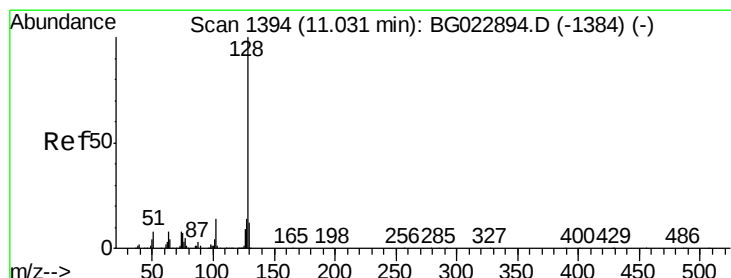
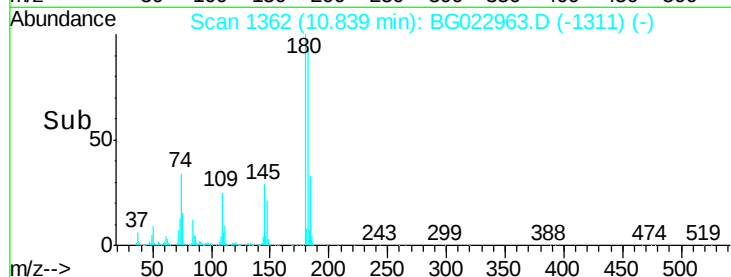
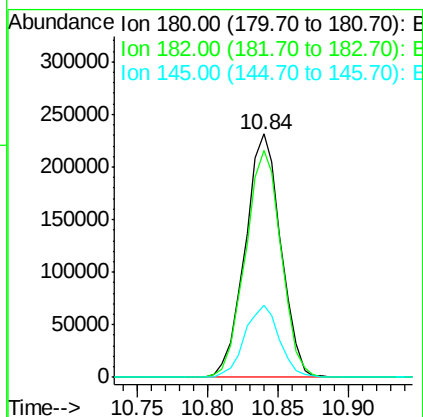
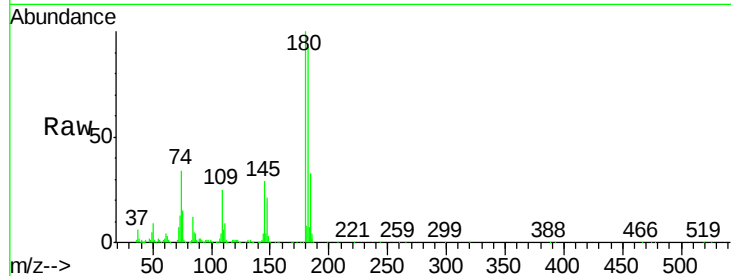




#30  
 1,2,4-Trichlorobenzene  
 Concen: 42.44 ng  
 RT: 10.84 min Scan# 1362  
 Delta R.T. 0.00 min  
 Lab File: BG022963.D  
 Acq: 9 Jul 2016 13:25

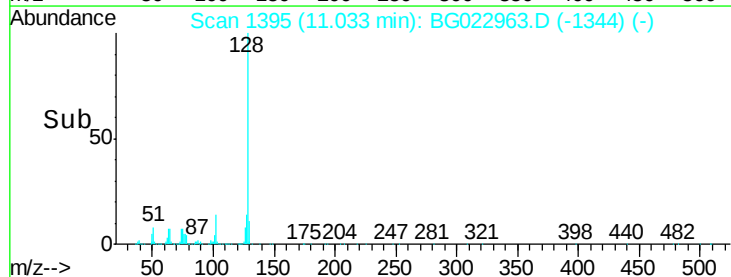
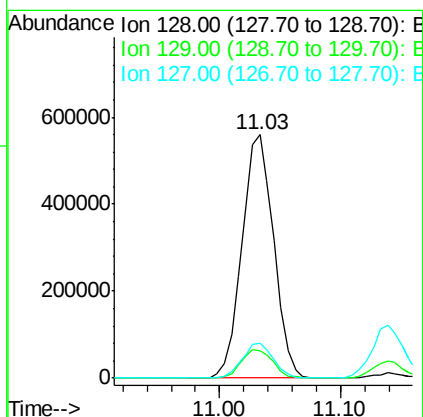
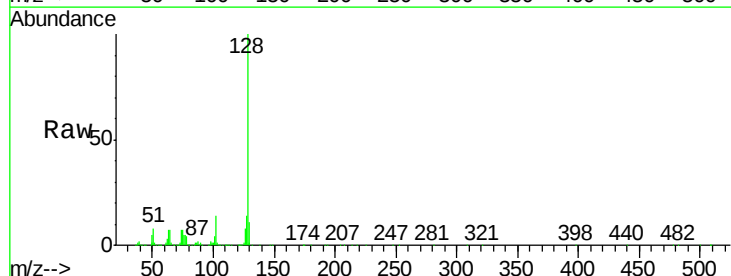
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB91974BSD

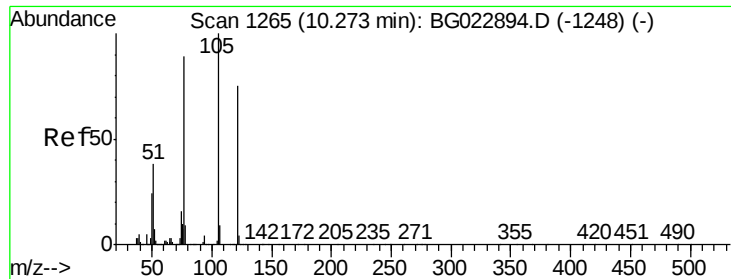
Tot Ion:180 Resp: 409022  
 Ion Ratio Lower Upper  
 180 100  
 182 93.0 73.8 110.8  
 145 29.4 24.4 36.6



#31  
 Naphthalene  
 Concen: 42.85 ng  
 RT: 11.03 min Scan# 1395  
 Delta R.T. 0.00 min  
 Lab File: BG022963.D  
 Acq: 9 Jul 2016 13:25

Tgt Ion:128 Resp: 1021963  
 Ion Ratio Lower Upper  
 128 100  
 129 11.1 9.4 14.0  
 127 14.3 11.3 16.9

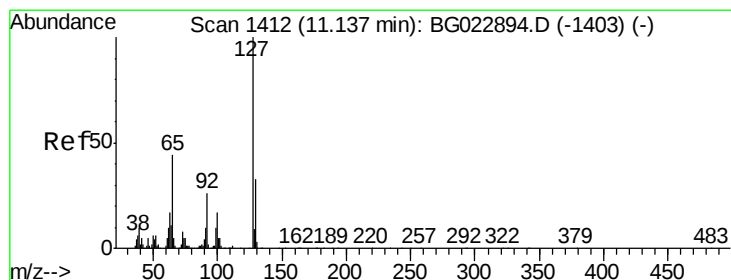
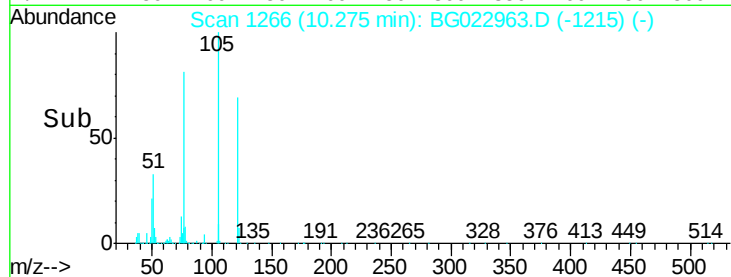
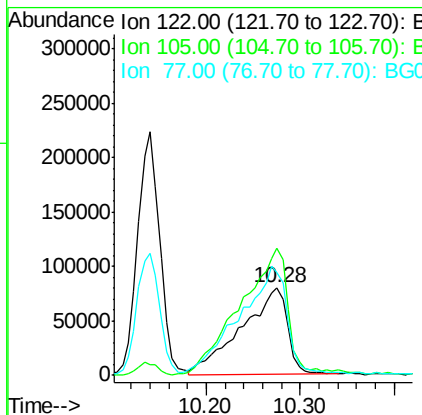
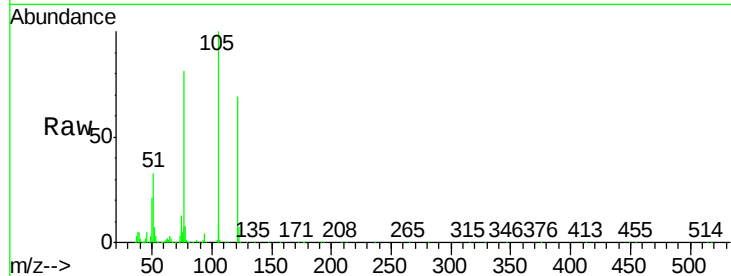




#32  
Benzoic acid  
Concen: 37.27 ng  
RT: 10.28 min Scan# 1266  
Delta R.T. 0.00 min  
Lab File: BG022963.D  
Acq: 9 Jul 2016 13:25

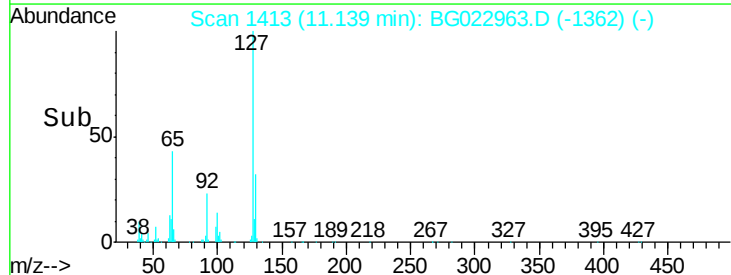
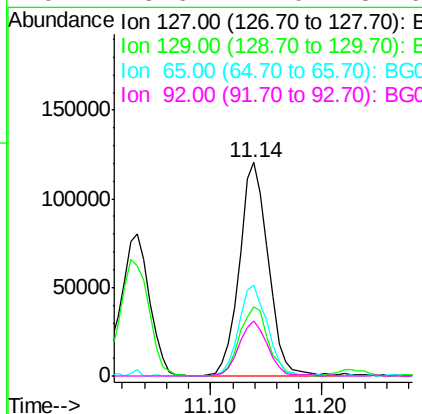
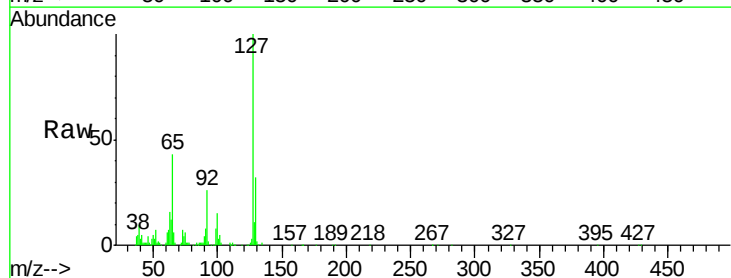
Instrument :  
BNA\_G  
ClientSampleId :  
PB91974BSD

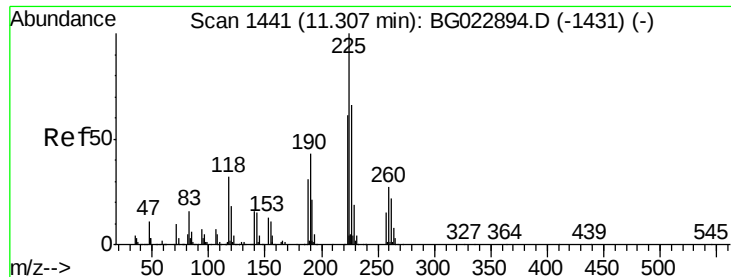
Tot Ion:122 Resp: 267359  
Ion Ratio Lower Upper  
122 100  
105 144.6 117.2 157.2  
77 117.5 109.2 149.2



#33  
4-Chloroaniline  
Concen: 19.03 ng  
RT: 11.14 min Scan# 1413  
Delta R.T. 0.00 min  
Lab File: BG022963.D  
Acq: 9 Jul 2016 13:25

Tgt Ion:127 Resp: 221964  
Ion Ratio Lower Upper  
127 100  
129 32.3 27.9 41.9  
65 42.8 36.8 55.2  
92 25.6 21.0 31.6





#34

Hexachlorobutadiene

Concen: 39.85 ng

RT: 11.31 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BG022963.D

Acq: 9 Jul 2016 13:25

Instrument :

BNA\_G

ClientSampleId :

PB91974BSD

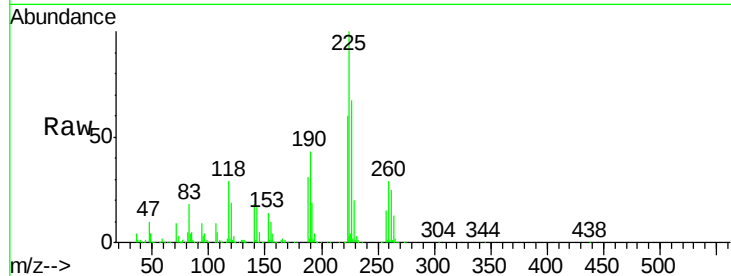
Tot Ion:225 Resp: 311324

Ion Ratio Lower Upper

225 100

223 60.3 49.6 74.4

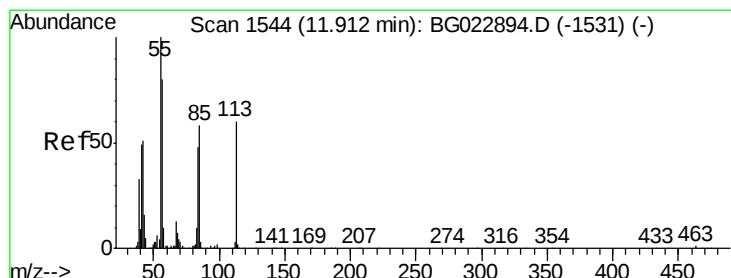
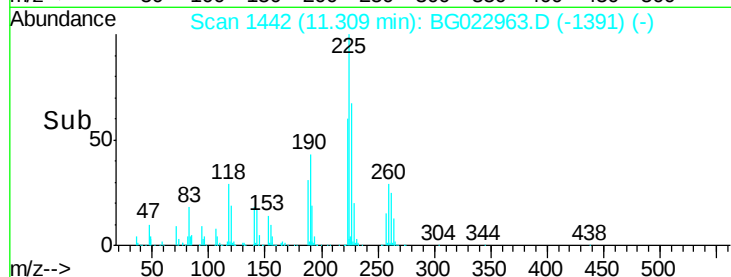
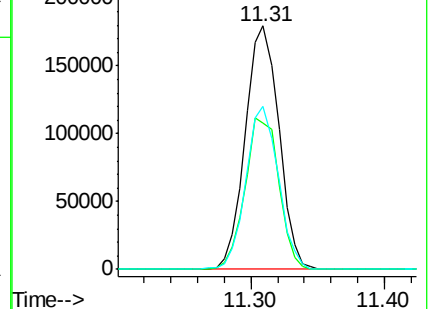
227 66.8 54.5 81.7



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: 41.53 ng m

RT: 11.91 min Scan# 1545

Delta R.T. 0.00 min

Lab File: BG022963.D

Acq: 9 Jul 2016 13:25

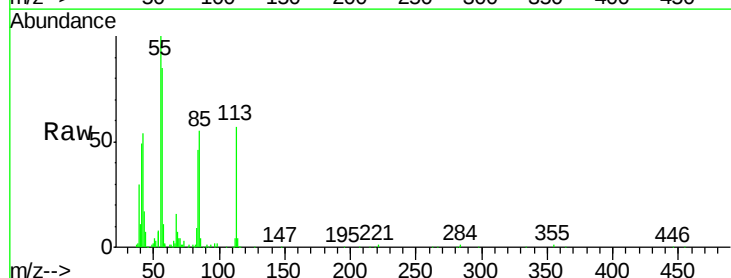
Tgt Ion:113 Resp: 143718

Ion Ratio Lower Upper

113 100

55 176.3 154.5 194.5

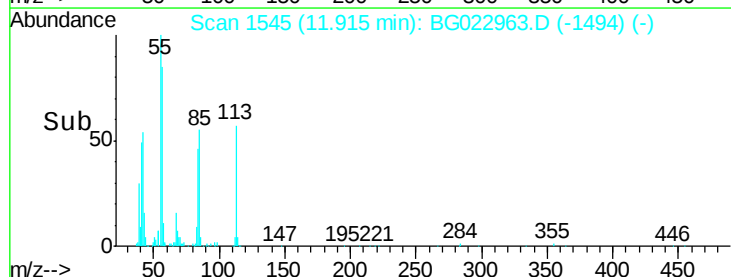
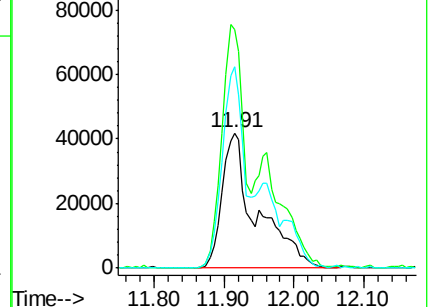
56 149.3 125.1 165.1

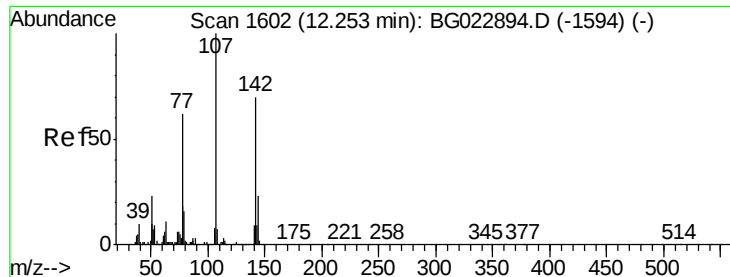


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0

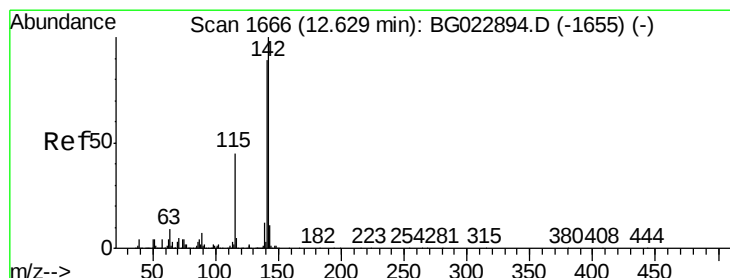
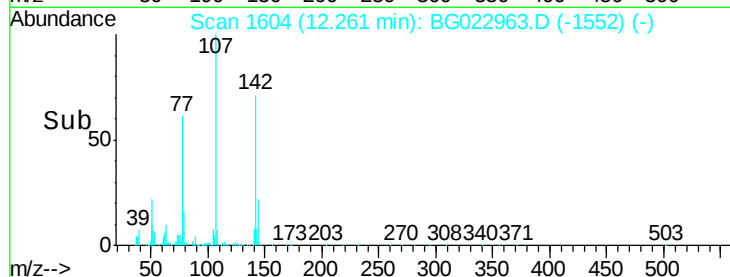
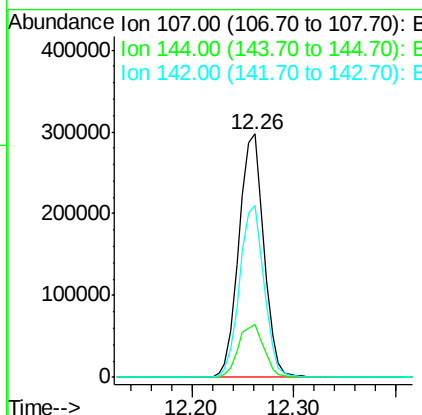
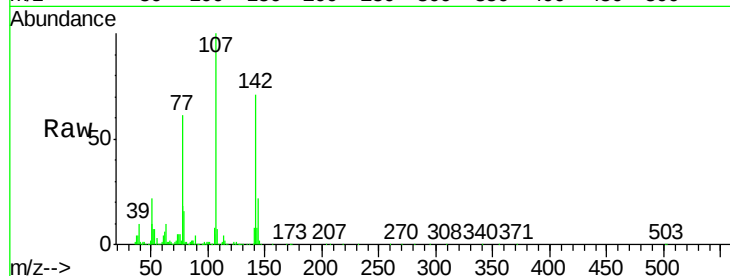




#36  
4-Chloro-3-methylphenol  
Concen: 44.31 ng  
RT: 12.26 min Scan# 1604  
Delta R.T. 0.01 min  
Lab File: BG022963.D  
Acq: 9 Jul 2016 13:25

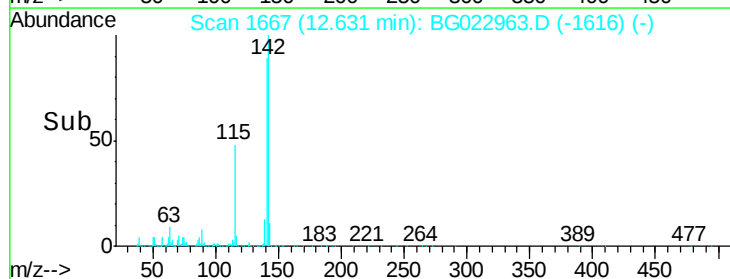
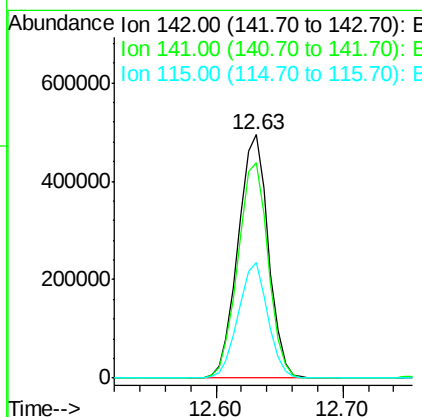
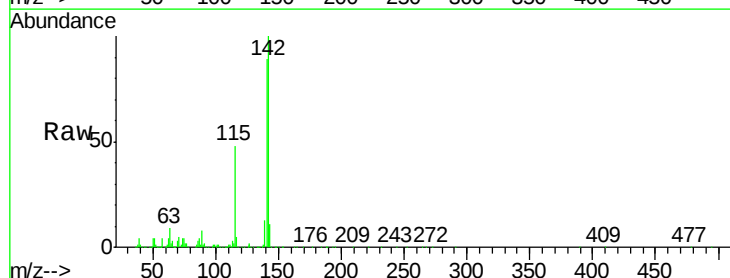
Instrument :  
BNA\_G  
ClientSampleId :  
PB91974BSD

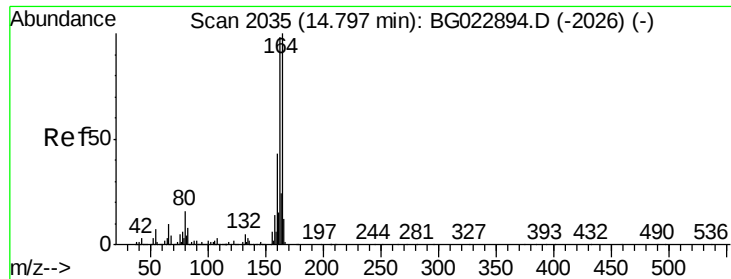
Tot Ion:107 Resp: 509666  
Ion Ratio Lower Upper  
107 100  
144 21.7 17.0 25.6  
142 70.9 53.0 79.6



#37  
2-Methylnaphthalene  
Concen: 43.33 ng  
RT: 12.63 min Scan# 1667  
Delta R.T. 0.00 min  
Lab File: BG022963.D  
Acq: 9 Jul 2016 13:25

Tgt Ion:142 Resp: 816796  
Ion Ratio Lower Upper  
142 100  
141 88.7 70.2 105.2  
115 47.6 41.7 62.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BG022963.D

Acq: 9 Jul 2016 13:25

Instrument :

BNA\_G

ClientSampleId :

PB91974BSD

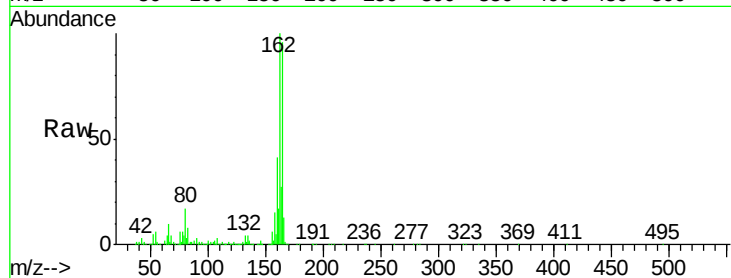
Tot Ion:164 Resp: 363314

Ion Ratio Lower Upper

164 100

162 103.9 87.7 131.5

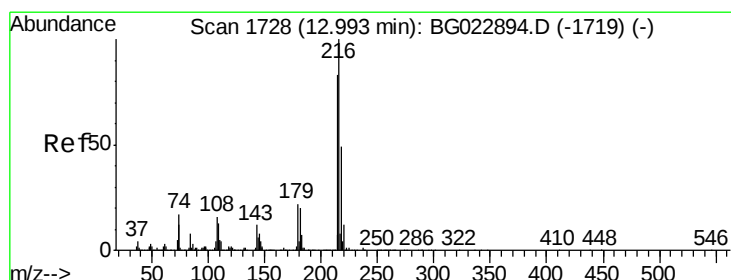
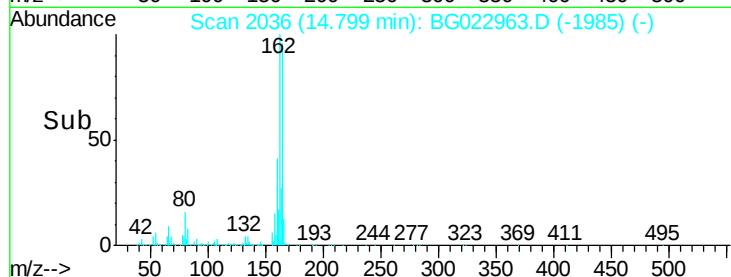
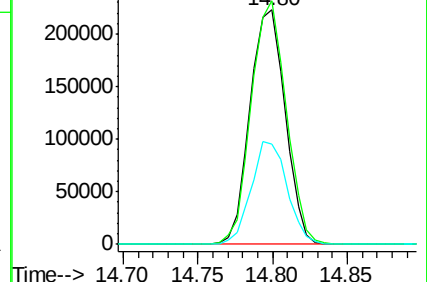
160 42.6 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.88 ng

RT: 13.00 min Scan# 1729

Delta R.T. 0.00 min

Lab File: BG022963.D

Acq: 9 Jul 2016 13:25

Tgt Ion:216 Resp: 546137

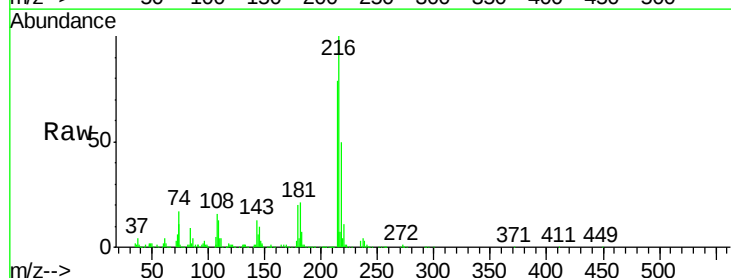
Ion Ratio Lower Upper

216 100

214 80.4 62.9 94.3

179 21.0 17.2 25.8

108 19.8 16.3 24.5

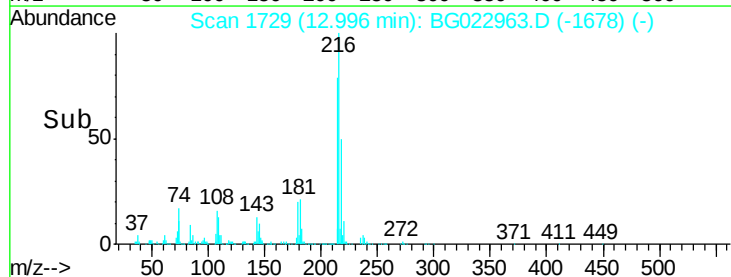
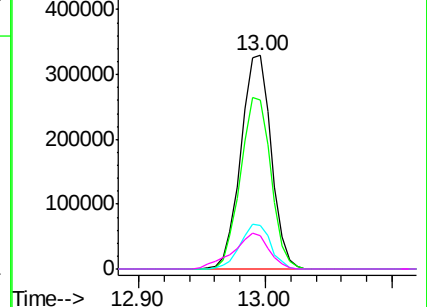


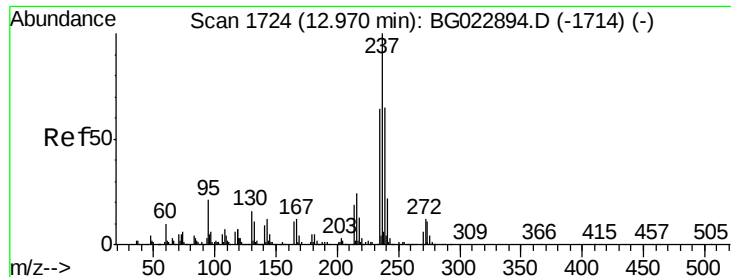
Abundance Ion 216.00 (215.70 to 216.70): E

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

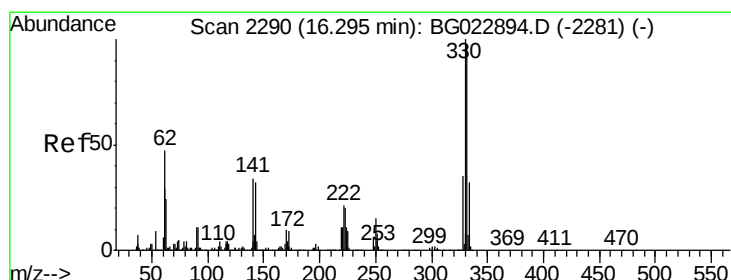
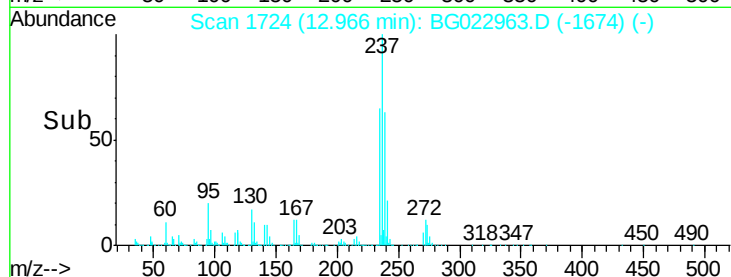
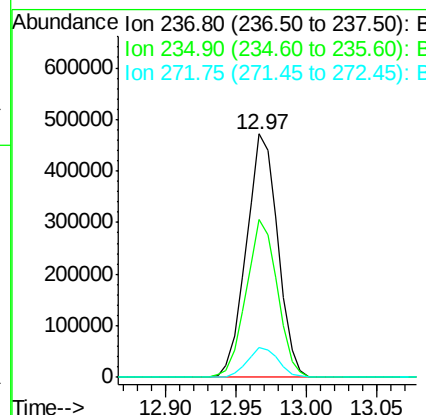
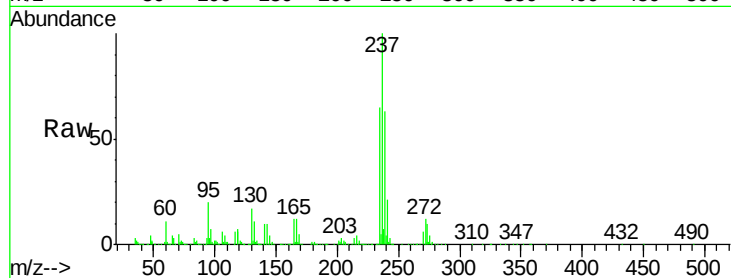




#40  
Hexachlorocyclopentadiene  
Concen: 81.63 ng  
RT: 12.97 min Scan# 1724  
Delta R.T. -0.00 min  
Lab File: BG022963.D  
Acq: 9 Jul 2016 13:25

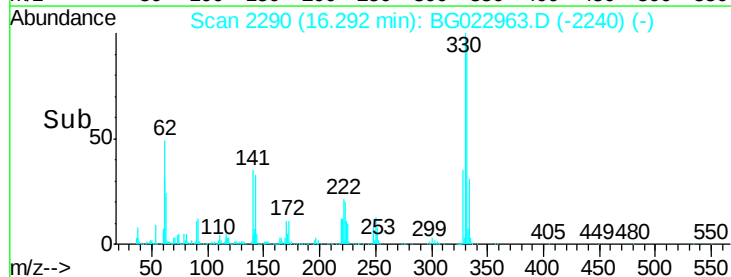
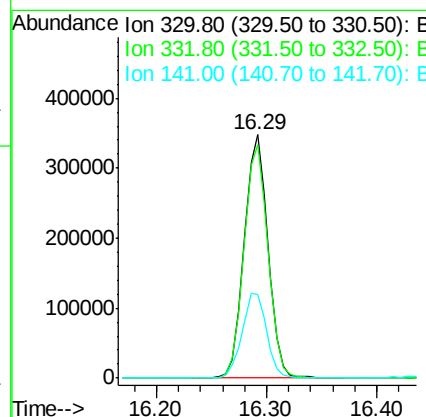
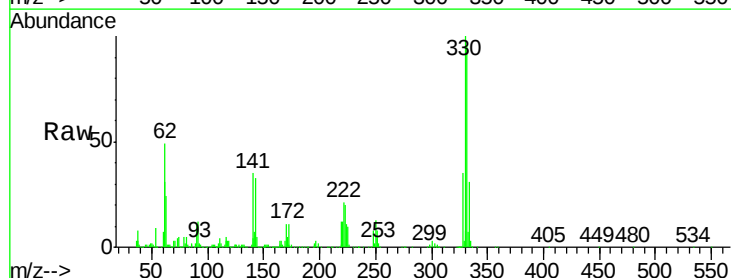
Instrument :  
BNA\_G  
ClientSampleId :  
PB91974BSD

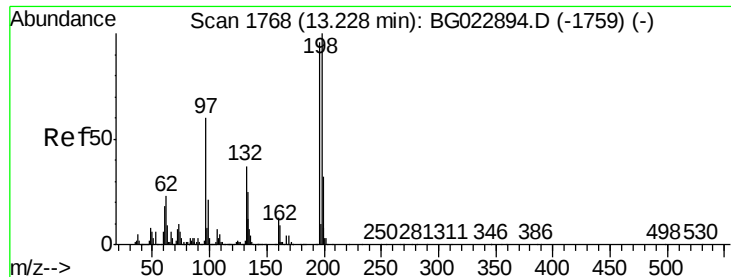
Tot Ion:237 Resp: 735749  
Ion Ratio Lower Upper  
237 100  
235 64.8 43.1 83.1  
272 12.1 0.0 30.9



#41  
2,4,6-Tribromophenol  
Concen: 80.48 ng  
RT: 16.29 min Scan# 2290  
Delta R.T. -0.00 min  
Lab File: BG022963.D  
Acq: 9 Jul 2016 13:25

Tgt Ion:330 Resp: 525472  
Ion Ratio Lower Upper  
330 100  
332 96.9 77.4 116.2  
141 36.3 31.7 47.5

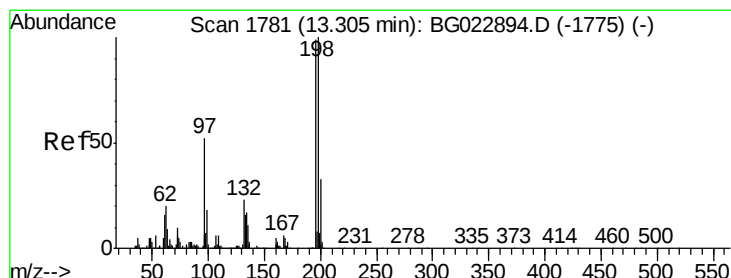
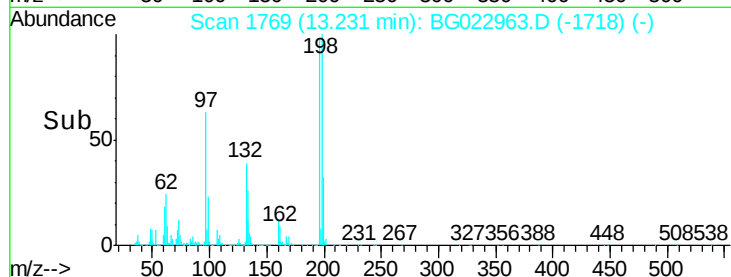
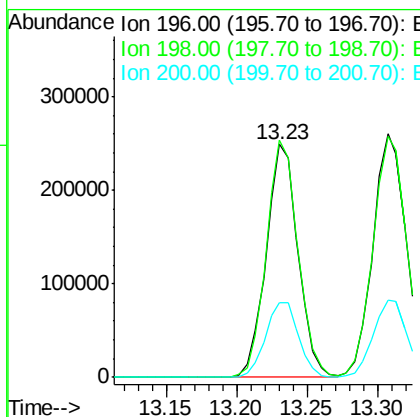
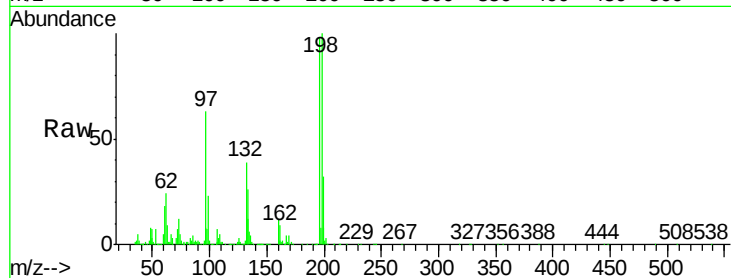




#42  
 2,4,6-Trichlorophenol  
 Concen: 43.78 ng  
 RT: 13.23 min Scan# 1769  
 Delta R.T. 0.00 min  
 Lab File: BG022963.D  
 Acq: 9 Jul 2016 13:25

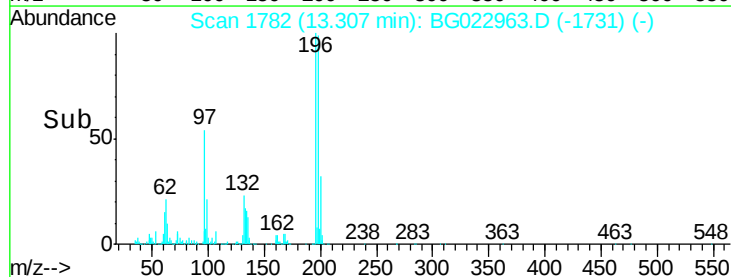
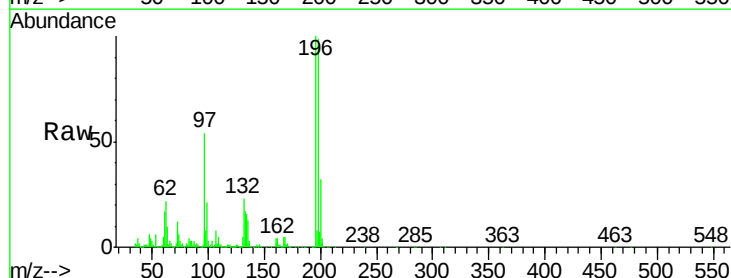
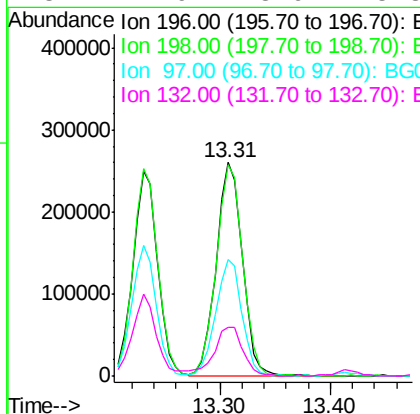
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB91974BSD

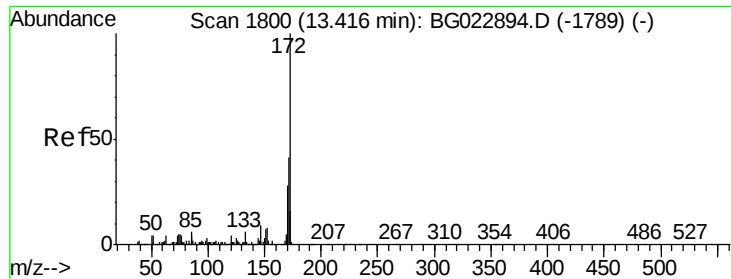
| Tot Ion   | 196   | Resp  | 393967 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 101.6 | 78.2  | 117.2  |
| 200       | 32.1  | 27.0  | 40.4   |



#43  
 2,4,5-Trichlorophenol  
 Concen: 46.19 ng  
 RT: 13.31 min Scan# 1782  
 Delta R.T. 0.00 min  
 Lab File: BG022963.D  
 Acq: 9 Jul 2016 13:25

| Tgt Ion   | 196   | Resp  | 426805 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 99.1  | 85.7  | 128.5  |
| 97        | 54.3  | 45.5  | 68.3   |
| 132       | 22.9  | 18.9  | 28.3   |

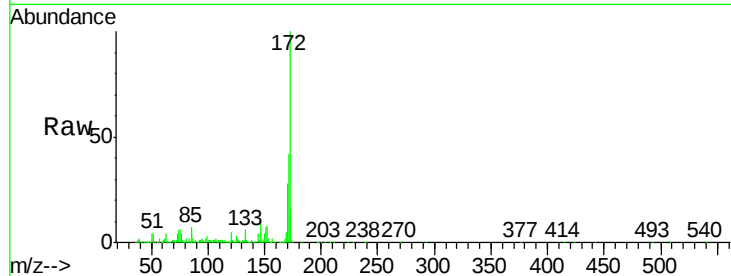




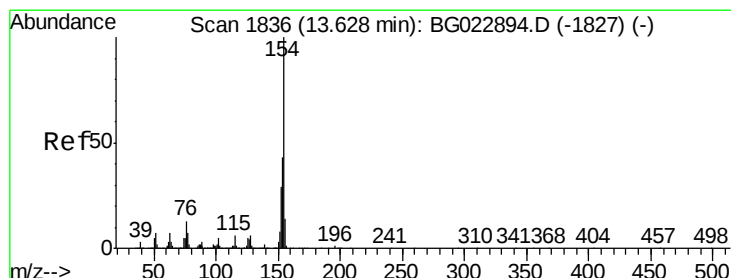
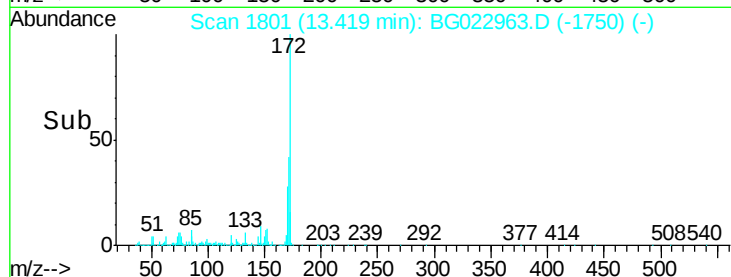
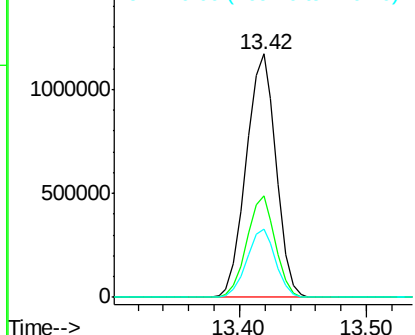
#44  
2-Fluorobiphenyl  
Concen: 82.83 ng  
RT: 13.42 min Scan# 1801  
Delta R.T. 0.00 min  
Lab File: BG022963.D  
Acq: 9 Jul 2016 13:25

Instrument :  
BNA\_G  
ClientSampleId :  
PB91974BSD

Tot Ion:172 Resp: 1910583  
Ion Ratio Lower Upper  
172 100  
171 41.9 31.6 47.4  
170 27.8 21.3 31.9

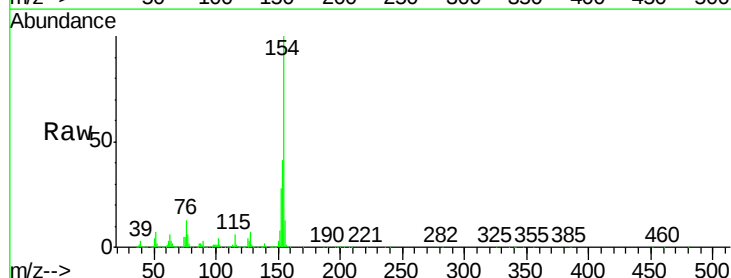


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

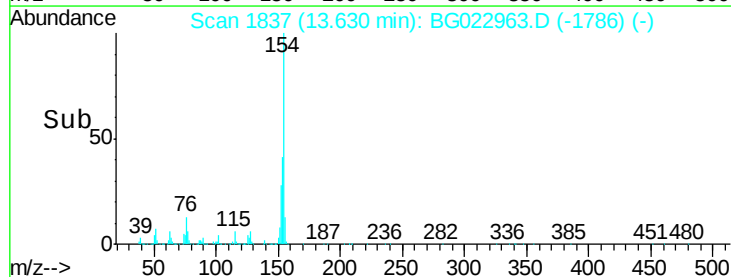
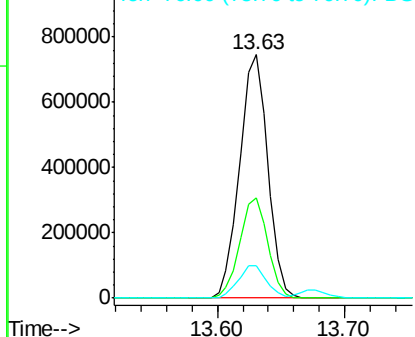


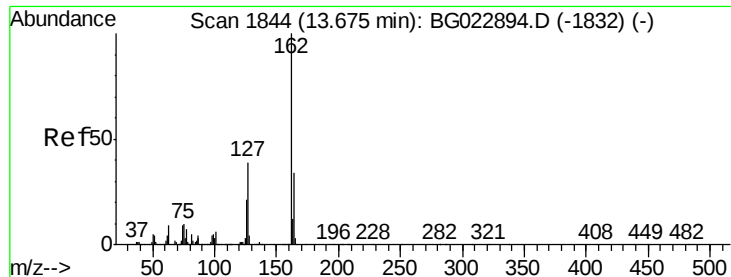
#45  
1,1'-Biphenyl  
Concen: 42.01 ng  
RT: 13.63 min Scan# 1837  
Delta R.T. 0.00 min  
Lab File: BG022963.D  
Acq: 9 Jul 2016 13:25

Tgt Ion:154 Resp: 1145249  
Ion Ratio Lower Upper  
154 100  
153 41.0 20.2 60.2  
76 13.1 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): BG

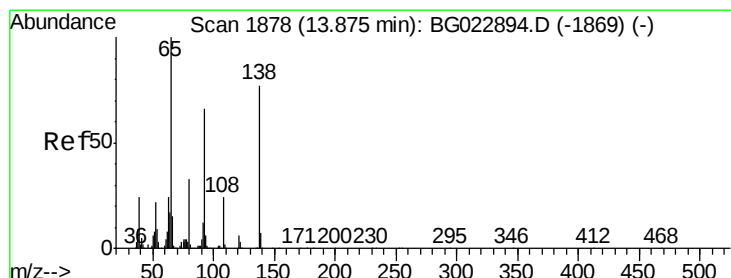
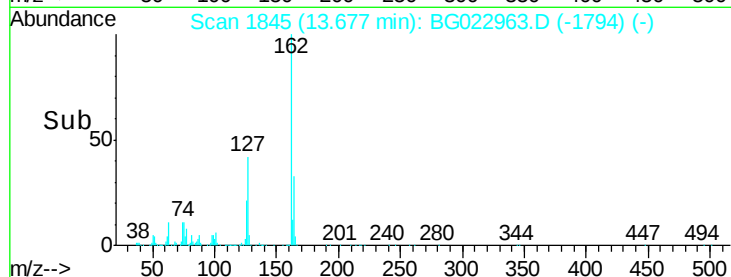
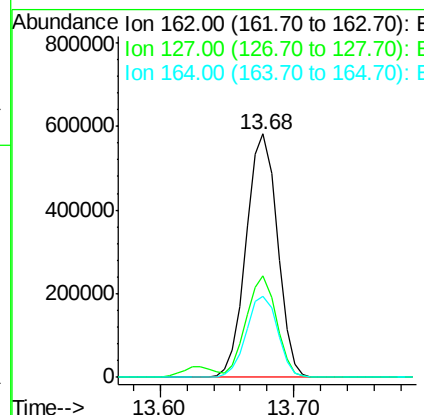
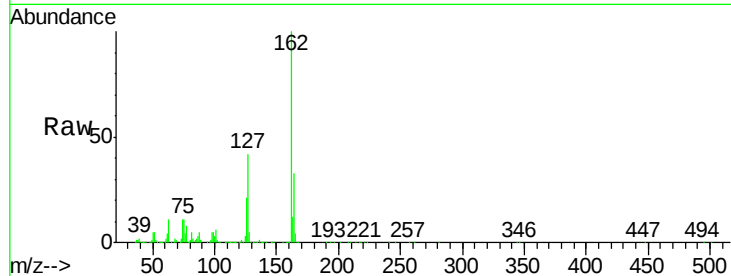




#46  
2-Chloronaphthalene  
Concen: 42.38 ng  
RT: 13.68 min Scan# 1845  
Delta R.T. 0.00 min  
Lab File: BG022963.D  
Acq: 9 Jul 2016 13:25

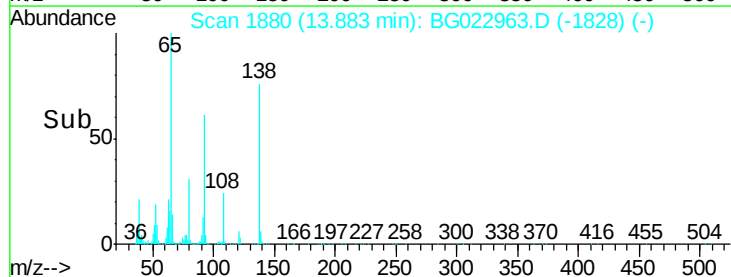
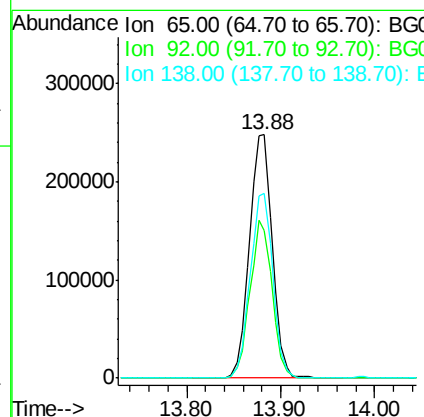
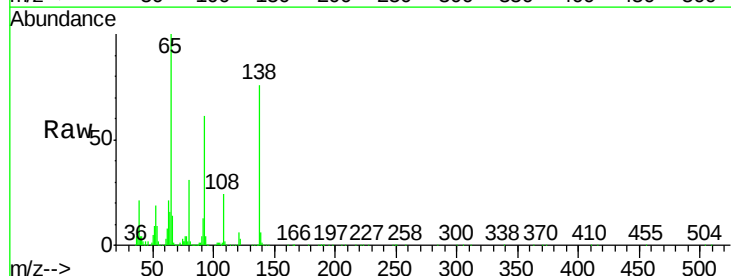
Instrument :  
BNA\_G  
ClientSampleId :  
PB91974BSD

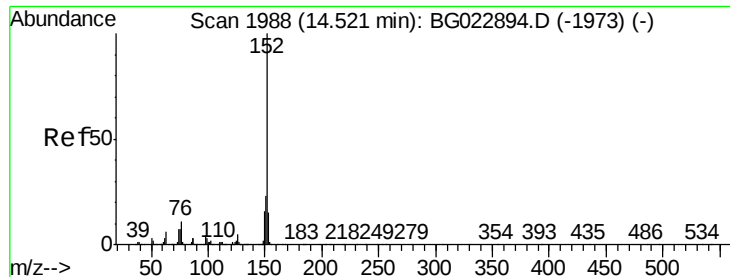
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 41.8  | 32.4  | 48.6  |
| 164     | 33.4  | 25.2  | 37.8  |



#47  
2-Nitroaniline  
Concen: 44.12 ng  
RT: 13.88 min Scan# 1880  
Delta R.T. 0.01 min  
Lab File: BG022963.D  
Acq: 9 Jul 2016 13:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 60.8  | 49.4  | 74.0  |
| 138     | 75.8  | 58.0  | 87.0  |





#48

Acenaphthylene

Concen: 42.71 ng

RT: 14.52 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BG022963.D

Acq: 9 Jul 2016 13:25

Instrument :

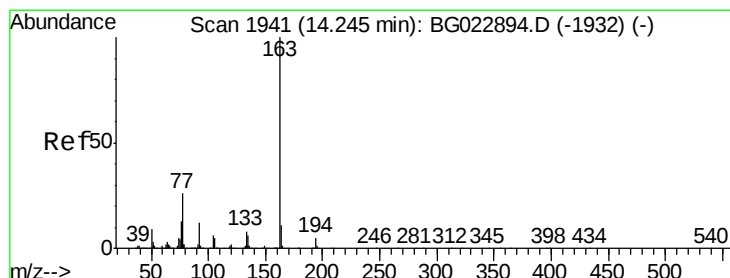
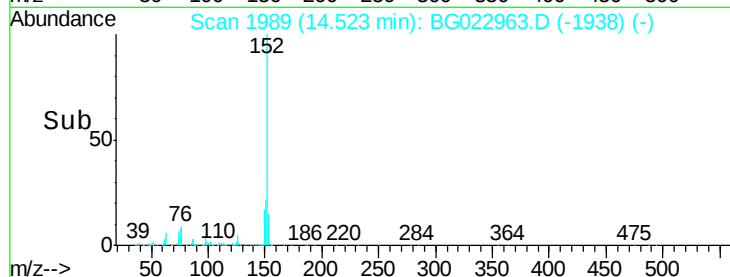
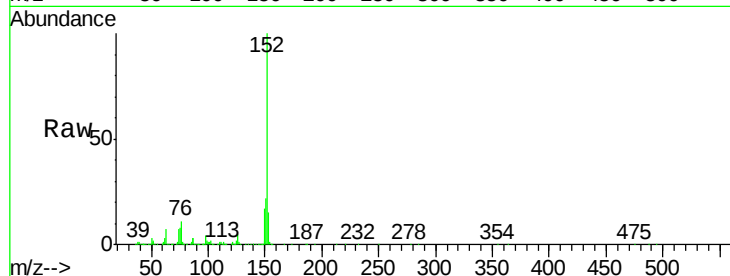
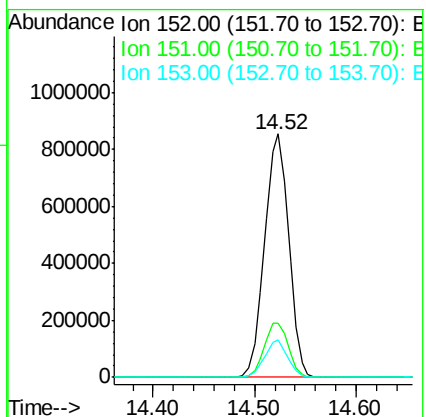
BNA\_G

ClientSampleId :

PB91974BSD

Tot Ion:152 Resp: 1416670

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 22.2  | 17.6  | 26.4  |
| 153 | 15.3  | 11.4  | 17.2  |



#49

Dimethylphthalate

Concen: 43.70 ng

RT: 14.24 min Scan# 1941

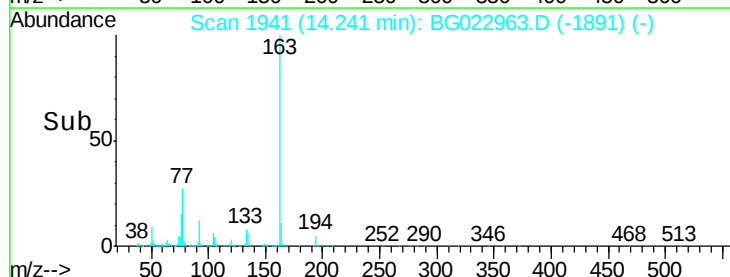
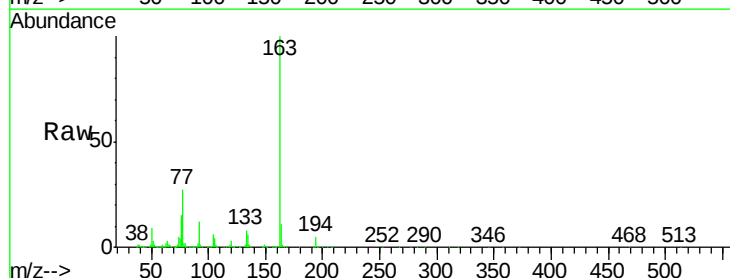
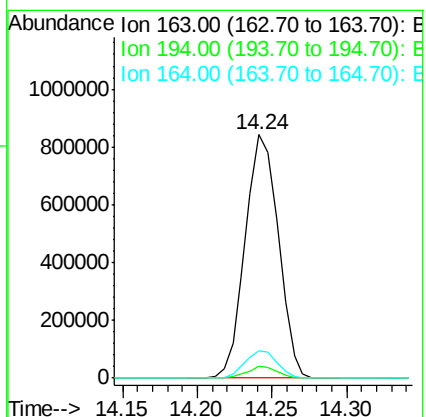
Delta R.T. -0.00 min

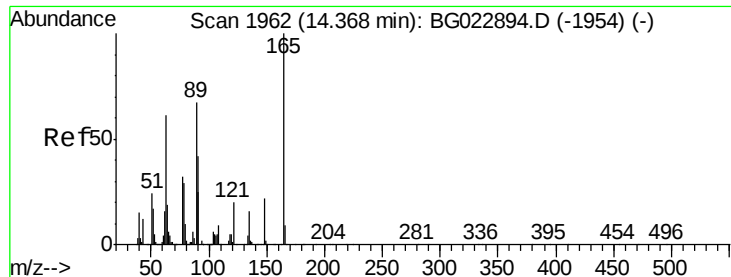
Lab File: BG022963.D

Acq: 9 Jul 2016 13:25

Tgt Ion:163 Resp: 1297042

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.9   | 3.6   | 5.4   |
| 164 | 11.2  | 8.1   | 12.1  |

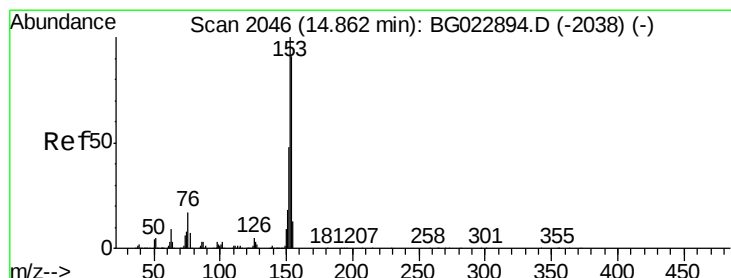
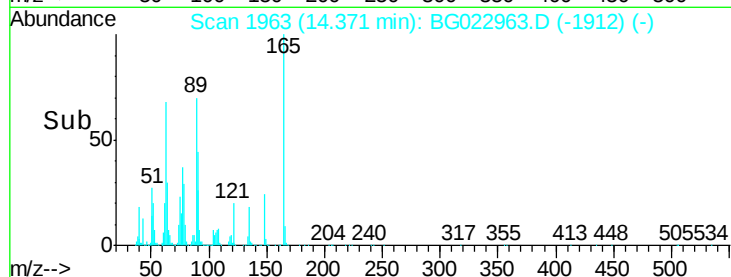
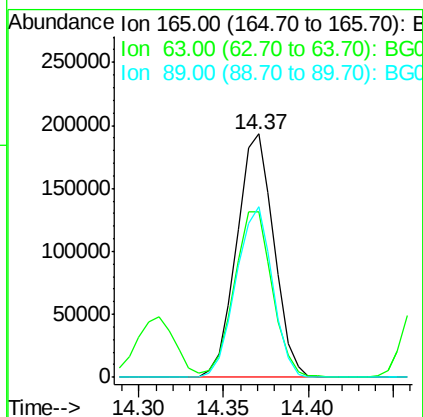
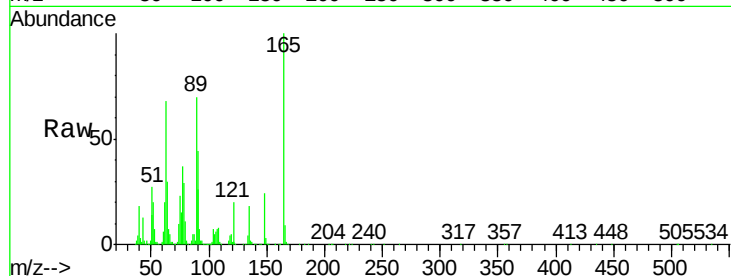




#50  
2,6-Dinitrotoluene  
Concen: 44.37 ng  
RT: 14.37 min Scan# 1963  
Delta R.T. 0.00 min  
Lab File: BG022963.D  
Acq: 9 Jul 2016 13:25

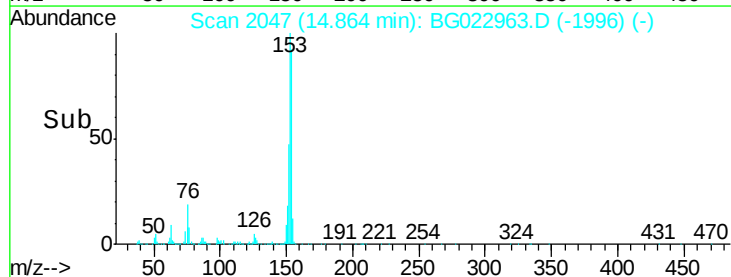
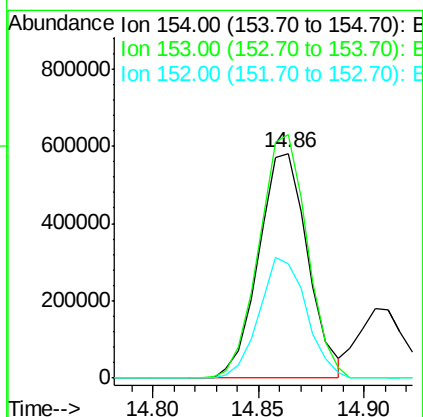
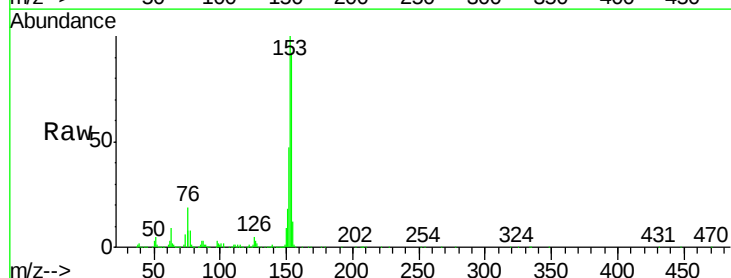
Instrument :  
BNA\_G  
ClientSampleId :  
PB91974BSD

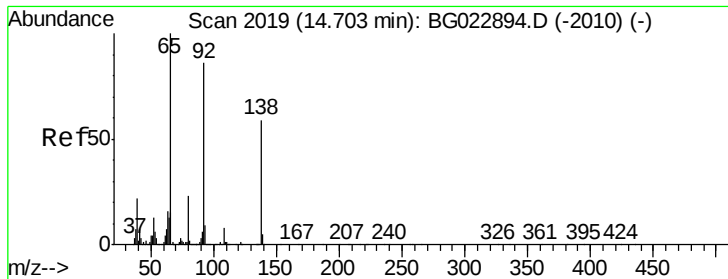
Tot Ion:165 Resp: 295962  
Ion Ratio Lower Upper  
165 100  
63 67.8 64.3 96.5  
89 70.1 64.3 96.5



#51  
Acenaphthene  
Concen: 43.26 ng  
RT: 14.86 min Scan# 2047  
Delta R.T. 0.00 min  
Lab File: BG022963.D  
Acq: 9 Jul 2016 13:25

Tgt Ion:154 Resp: 937662  
Ion Ratio Lower Upper  
154 100  
153 108.2 87.5 131.3  
152 50.9 42.7 64.1





#52

3-Nitroaniline

Concen: 29.42 ng

RT: 14.70 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BG022963.D

Acq: 9 Jul 2016 13:25

Instrument :

BNA\_G

ClientSampleId :

PB91974BSD

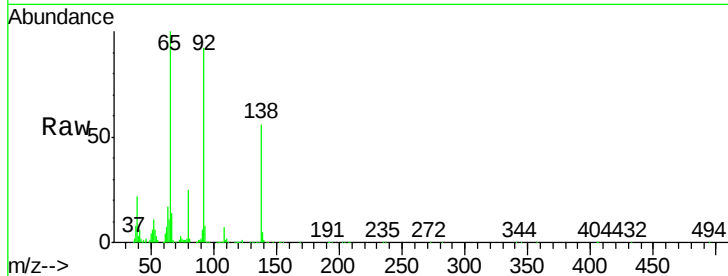
Tot Ion:138 Resp: 195663

Ion Ratio Lower Upper

138 100

108 12.9 11.7 17.5

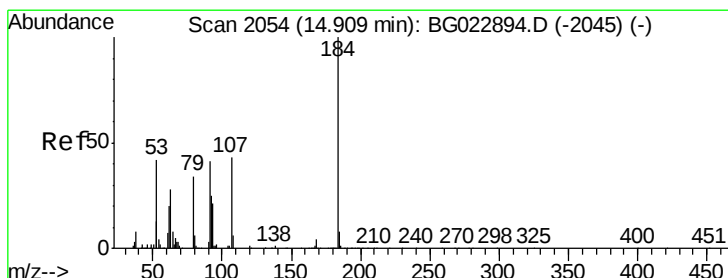
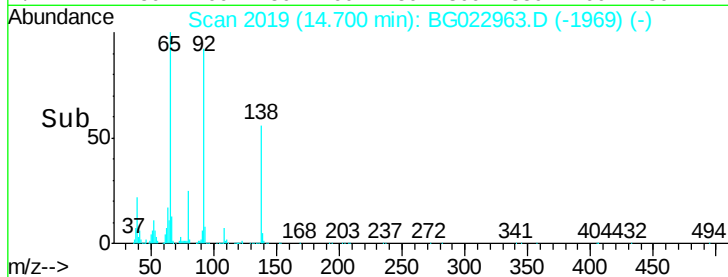
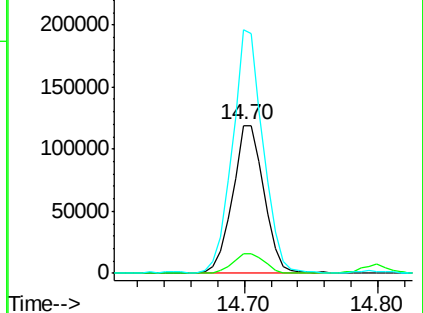
92 164.4 129.7 194.5



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: 83.02 ng

RT: 14.91 min Scan# 2055

Delta R.T. 0.00 min

Lab File: BG022963.D

Acq: 9 Jul 2016 13:25

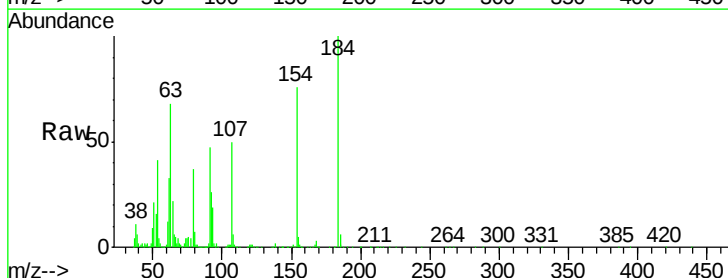
Tgt Ion:184 Resp: 379928

Ion Ratio Lower Upper

184 100

63 67.7 59.6 89.4

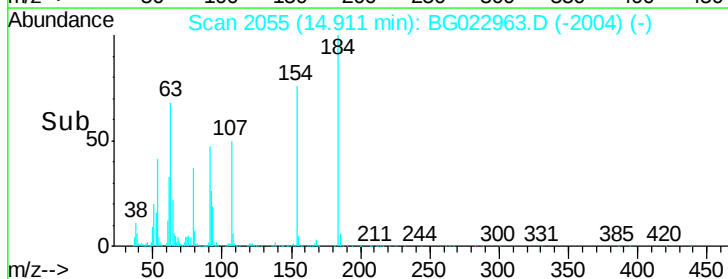
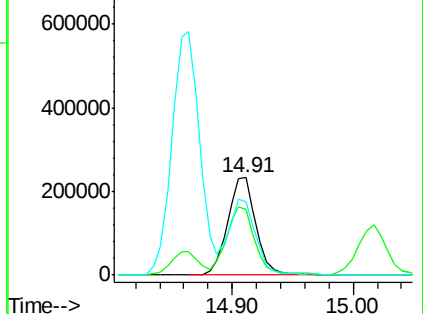
154 75.5 67.4 101.0

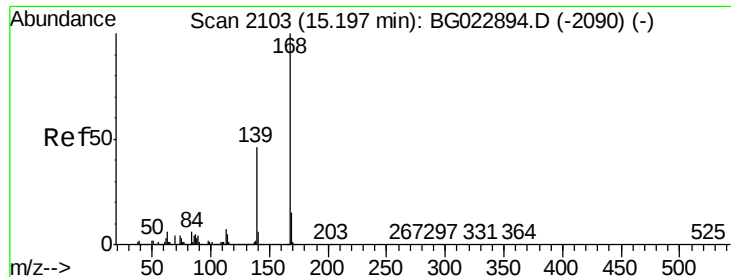


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 46.04 ng

RT: 15.20 min Scan# 2104

Delta R.T. 0.00 min

Lab File: BG022963.D

Acq: 9 Jul 2016 13:25

Instrument :

BNA\_G

ClientSampleId :

PB91974BSD

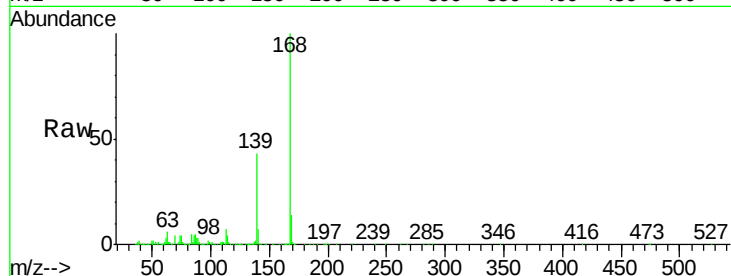
Tot Ion:168 Resp: 1493841

Ion Ratio Lower Upper

168 100

139 43.5 36.4 54.6

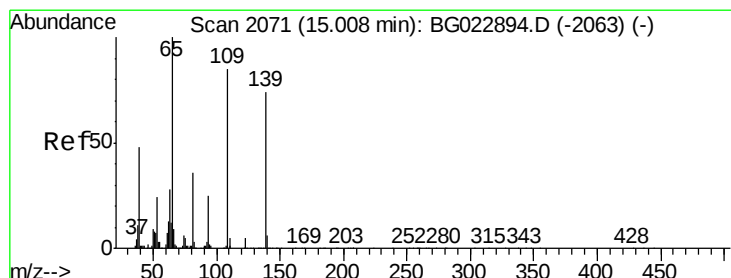
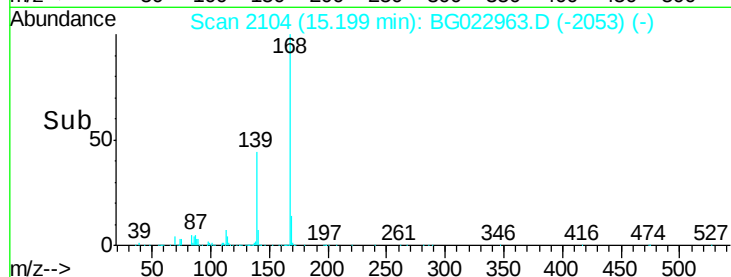
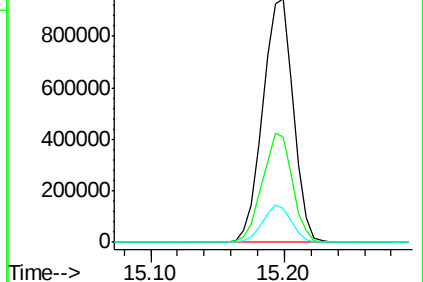
169 14.0 11.9 17.9



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: 86.58 ng

RT: 15.02 min Scan# 2073

Delta R.T. 0.01 min

Lab File: BG022963.D

Acq: 9 Jul 2016 13:25

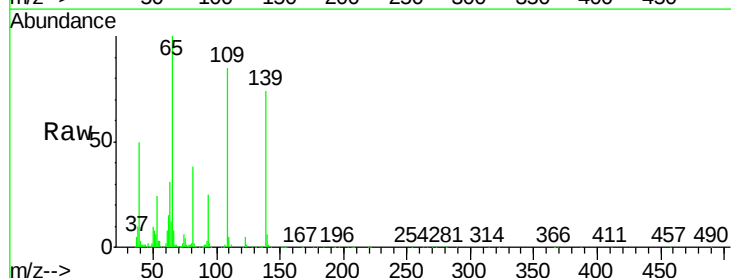
Tgt Ion:139 Resp: 482662

Ion Ratio Lower Upper

139 100

109 114.2 103.0 143.0

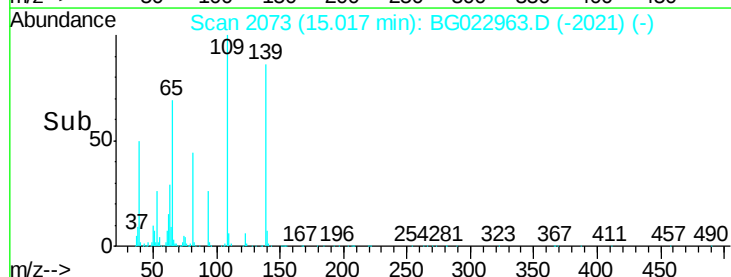
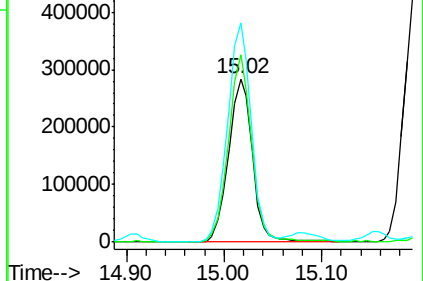
65 134.3 112.7 152.7

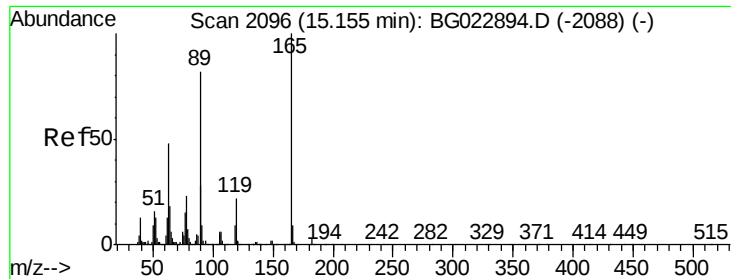


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGO

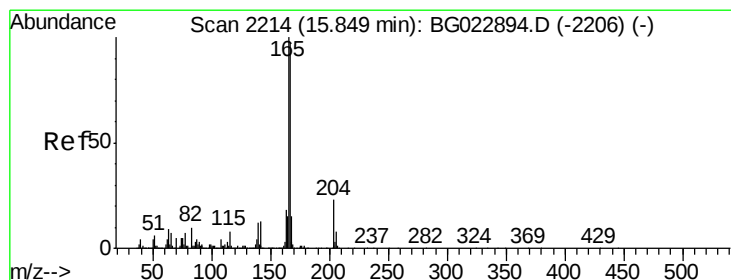
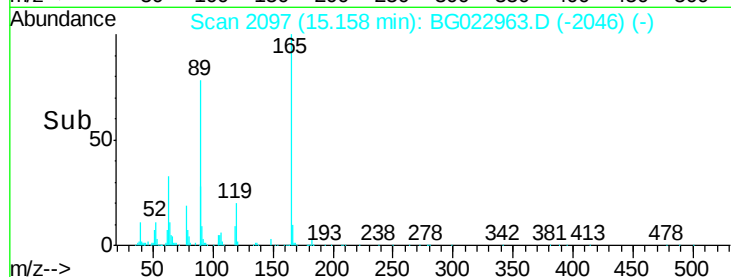
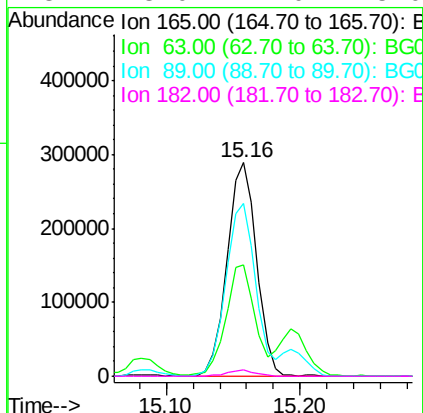
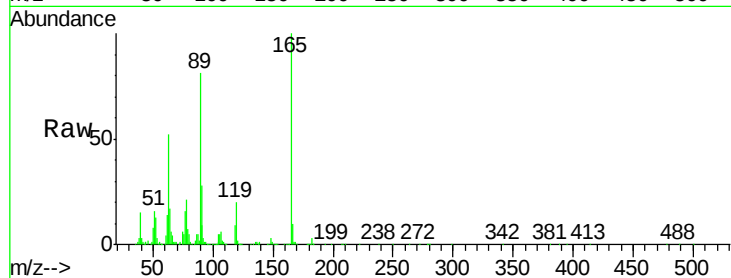




#56  
2,4-Dinitrotoluene  
Concen: 45.94 ng  
RT: 15.16 min Scan# 2097  
Delta R.T. 0.00 min  
Lab File: BG022963.D  
Acq: 9 Jul 2016 13:25

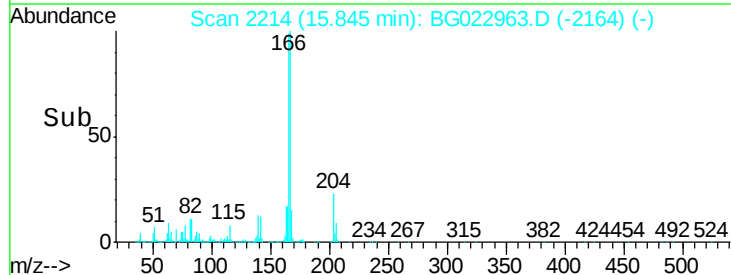
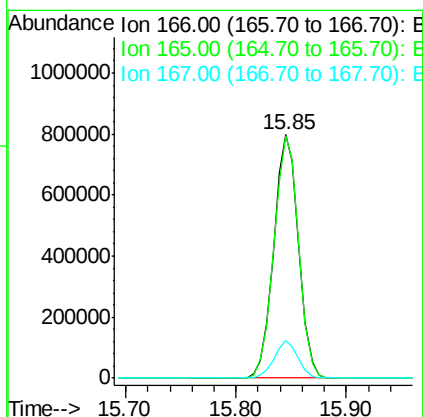
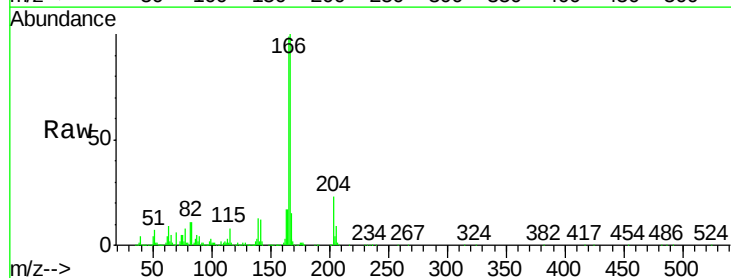
Instrument :  
BNA\_G  
ClientSampleId :  
PB91974BSD

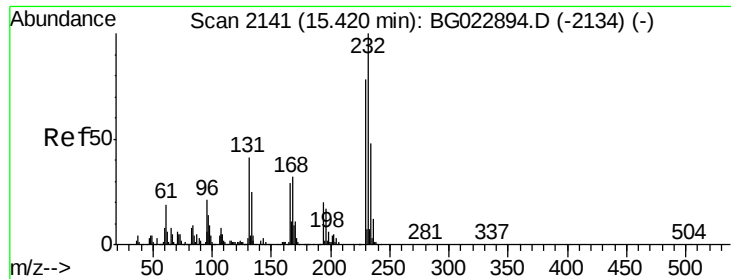
Tot Ion:165 Resp: 446705  
Ion Ratio Lower Upper  
165 100  
63 52.3 45.8 68.6  
89 80.6 68.6 102.8  
182 3.0 2.0 3.0#



#57  
Fluorene  
Concen: 44.36 ng  
RT: 15.85 min Scan# 2214  
Delta R.T. -0.00 min  
Lab File: BG022963.D  
Acq: 9 Jul 2016 13:25

Tgt Ion:166 Resp: 1238719  
Ion Ratio Lower Upper  
166 100  
165 99.4 81.0 121.6  
167 15.5 12.0 18.0

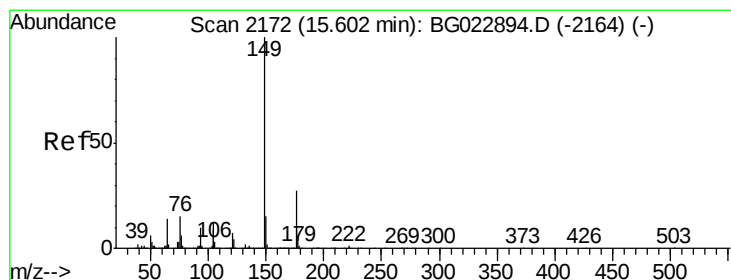
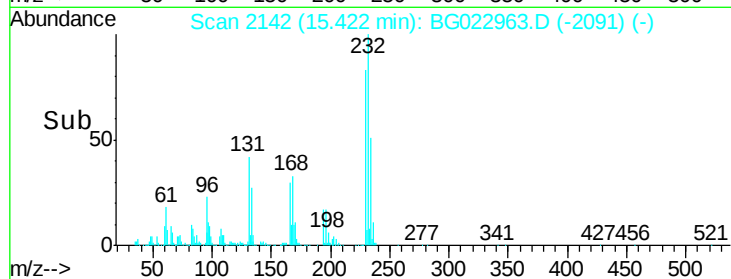
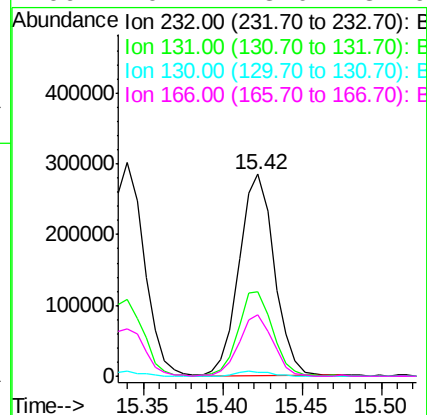
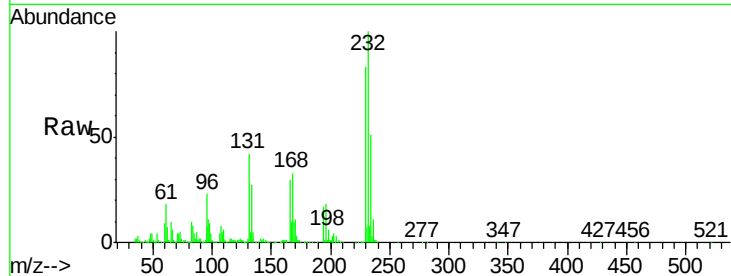




#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 47.39 ng  
 RT: 15.42 min Scan# 2142  
 Delta R.T. 0.00 min  
 Lab File: BG022963.D  
 Acq: 9 Jul 2016 13:25

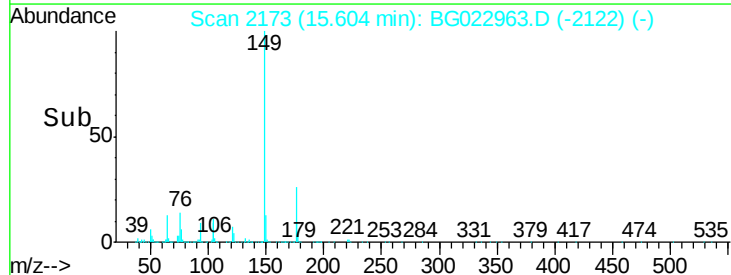
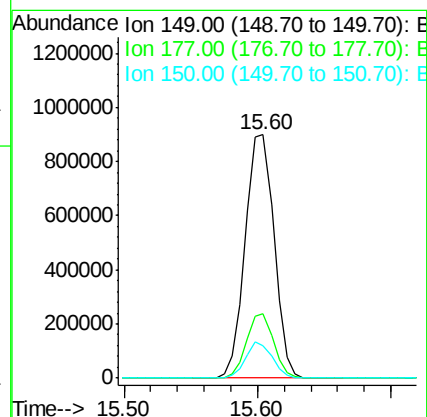
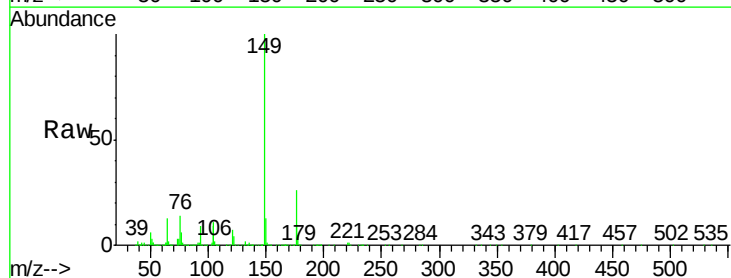
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB91974BSD

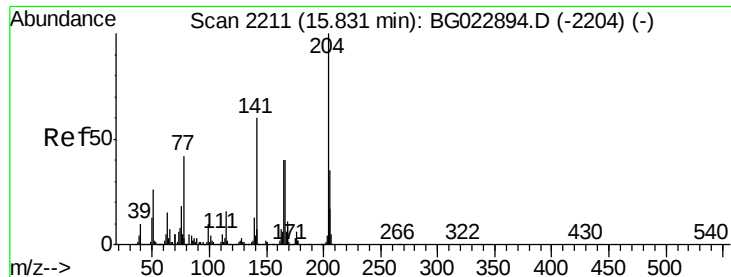
Tot Ion:232 Resp: 438169  
 Ion Ratio Lower Upper  
 232 100  
 131 41.4 32.7 49.1  
 130 2.8 2.6 3.8  
 166 29.1 23.0 34.6



#59  
 Diethylphthalate  
 Concen: 44.39 ng  
 RT: 15.60 min Scan# 2173  
 Delta R.T. 0.00 min  
 Lab File: BG022963.D  
 Acq: 9 Jul 2016 13:25

Tgt Ion:149 Resp: 1340392  
 Ion Ratio Lower Upper  
 149 100  
 177 26.3 19.2 28.8  
 150 13.2 10.6 16.0





#60

4-Chlorophenyl-phenylether

Concen: 43.01 ng

RT: 15.83 min Scan# 2212

Delta R.T. 0.00 min

Lab File: BG022963.D

Acq: 9 Jul 2016 13:25

Instrument :

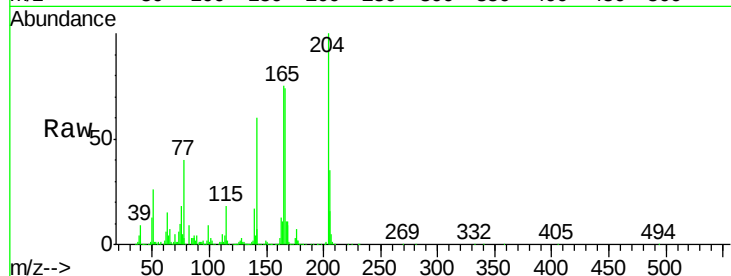
BNA\_G

ClientSampleId :

PB91974BSD

Tot Ion:204 Resp: 731532

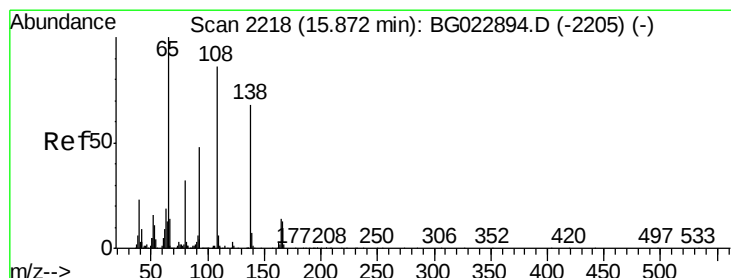
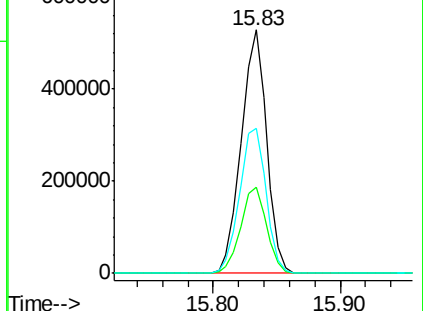
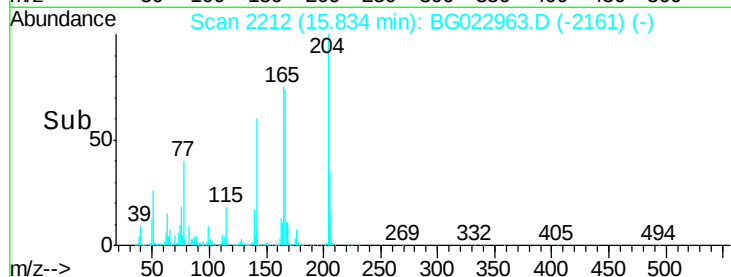
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 204 | 100   |       |       |
| 206 | 35.5  | 28.5  | 42.7  |
| 141 | 59.5  | 51.4  | 77.0  |



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: 41.84 ng

RT: 15.87 min Scan# 2218

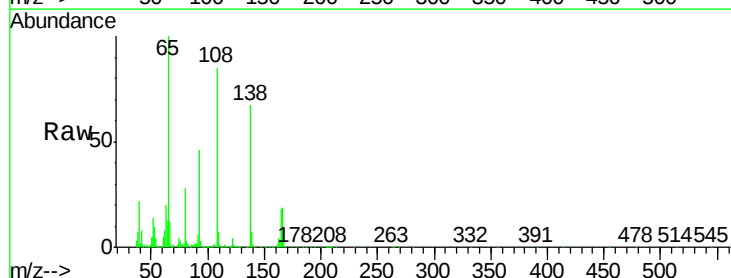
Delta R.T. -0.00 min

Lab File: BG022963.D

Acq: 9 Jul 2016 13:25

Tgt Ion:138 Resp: 301118

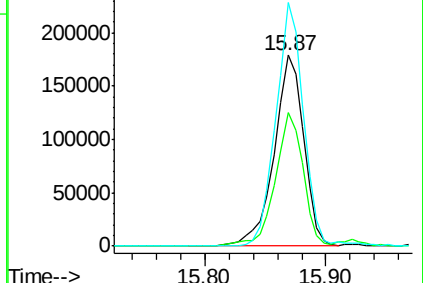
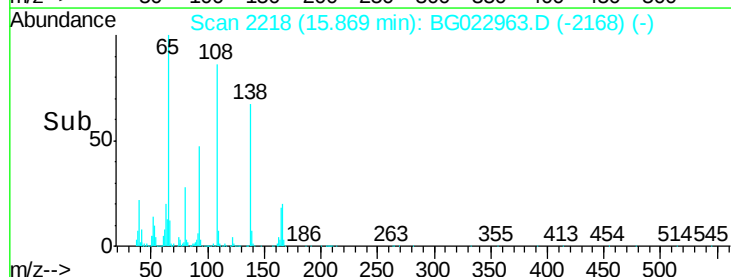
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 138 | 100   |       |       |
| 92  | 69.7  | 54.1  | 94.1  |
| 108 | 127.5 | 133.9 | 173.9 |

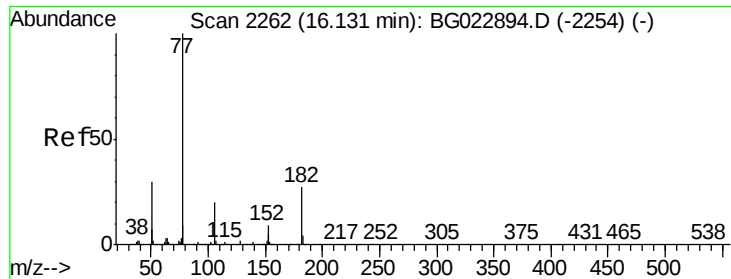


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 49.61 ng

RT: 16.13 min Scan# 2262

Delta R.T. -0.00 min

Lab File: BG022963.D

Acq: 9 Jul 2016 13:25

Instrument :

BNA\_G

ClientSampleId :

PB91974BSD

Tot Ion: 77 Resp: 1432766

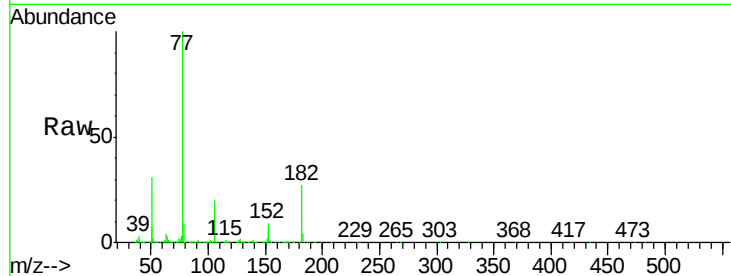
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 26.9  | 3.5   | 43.5  |
| 105 | 20.0  | 0.0   | 38.5  |
| 51  | 31.5  | 17.1  | 57.1  |

77 100

182 26.9 3.5 43.5

105 20.0 0.0 38.5

51 31.5 17.1 57.1



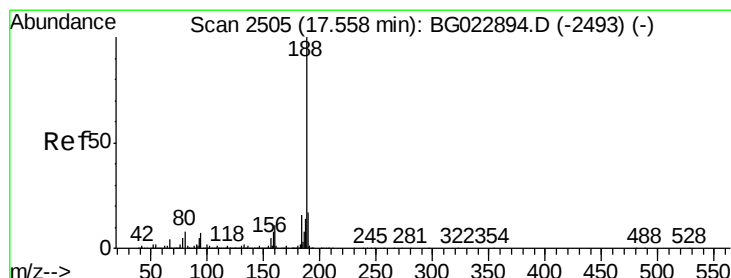
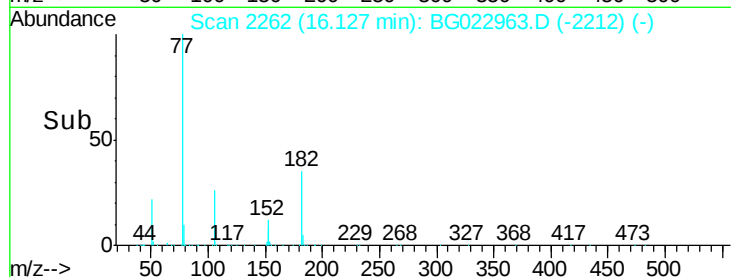
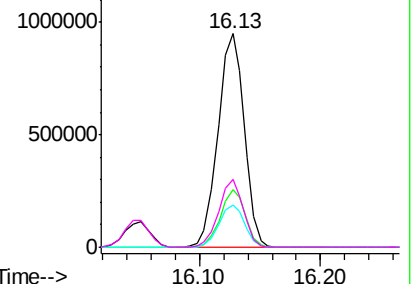
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG022963.D

Acq: 9 Jul 2016 13:25

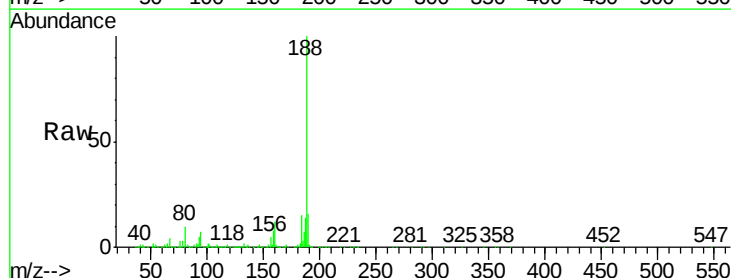
Tgt Ion: 188 Resp: 922752

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 6.6   | 5.2   | 7.8   |
| 80  | 9.9   | 7.2   | 10.8  |

188 100

94 6.6 5.2 7.8

80 9.9 7.2 10.8

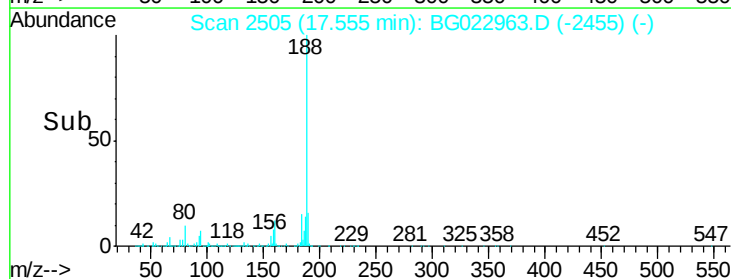
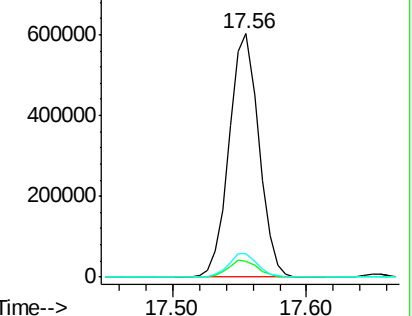


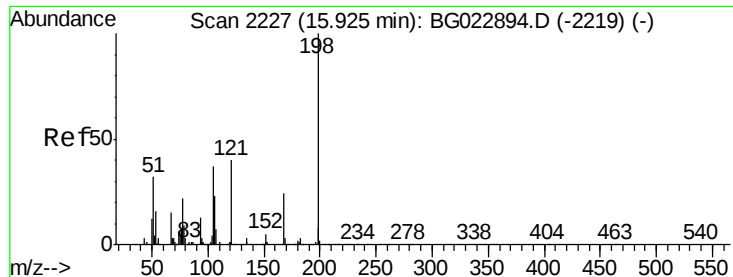
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#64

4,6-Dinitro-2-methylphenol

Concen: 41.37 ng

RT: 15.92 min Scan# 2227

Delta R.T. -0.00 min

Lab File: BG022963.D

Acq: 9 Jul 2016 13:25

Instrument :

BNA\_G

ClientSampleId :

PB91974BSD

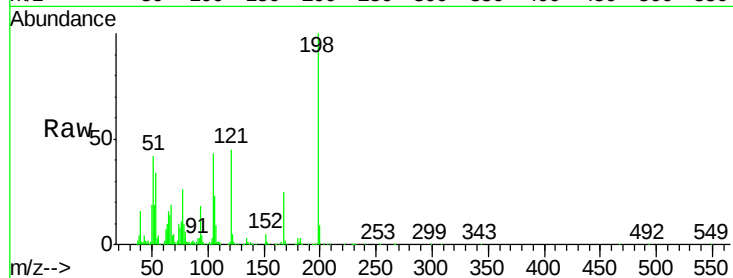
Tot Ion:198 Resp: 283698

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 198 | 100   |       |       |
| 51  | 42.3  | 26.0  | 66.0  |
| 105 | 42.6  | 20.1  | 60.1  |

198 100

51 42.3 26.0 66.0

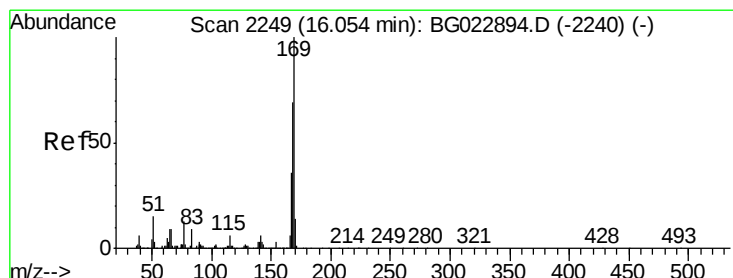
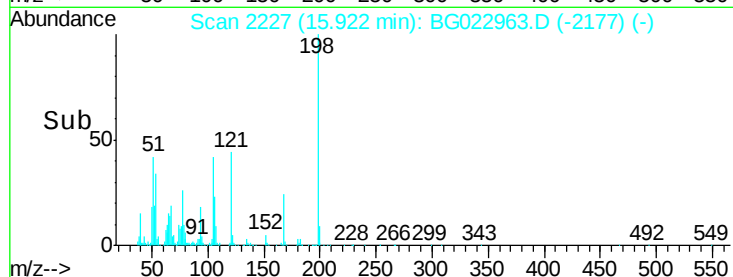
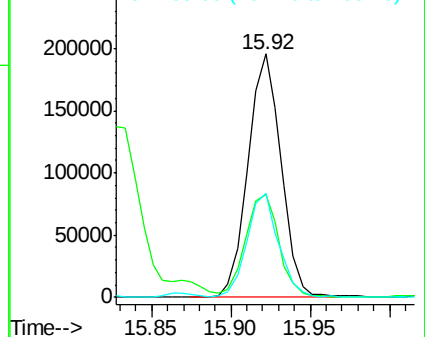
105 42.6 20.1 60.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 43.97 ng

RT: 16.05 min Scan# 2249

Delta R.T. -0.00 min

Lab File: BG022963.D

Acq: 9 Jul 2016 13:25

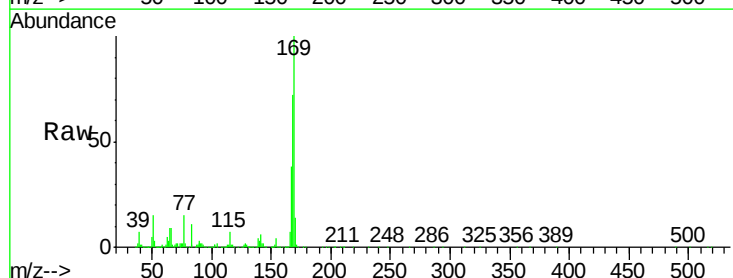
Tgt Ion:169 Resp: 1168854

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 72.0  | 55.0  | 82.4  |
| 167 | 37.8  | 27.4  | 41.0  |

169 100

168 72.0 55.0 82.4

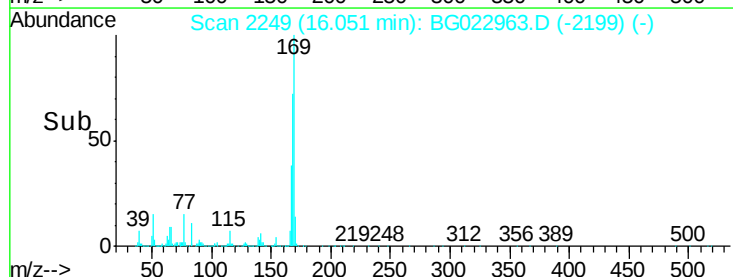
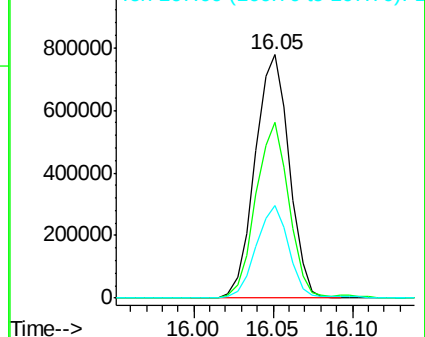
167 37.8 27.4 41.0

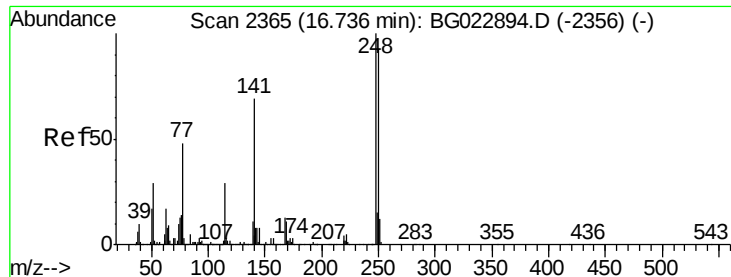


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

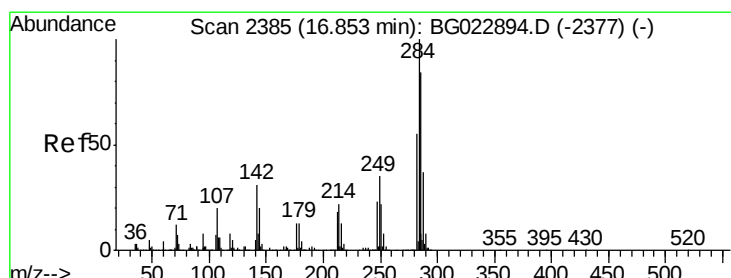
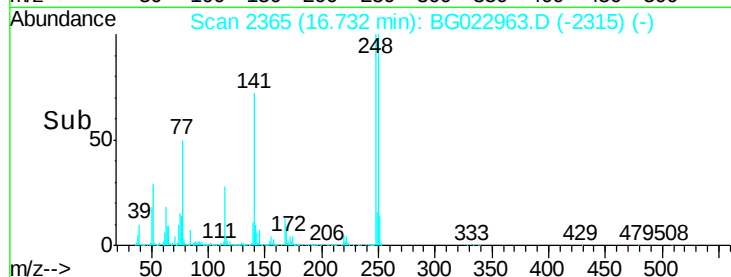
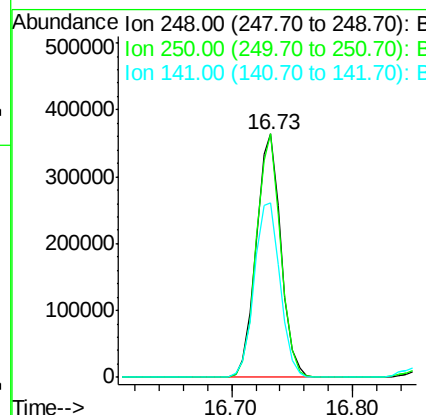
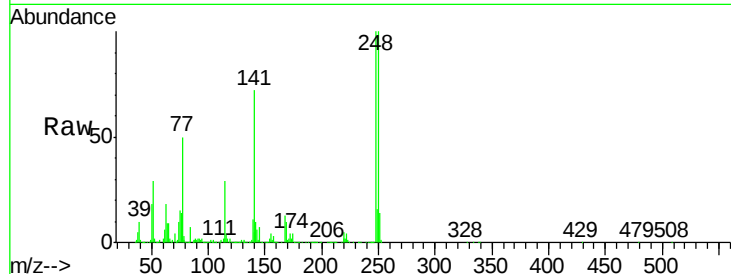




#66  
4-Bromophenyl-phenylether  
Concen: 43.12 ng  
RT: 16.73 min Scan# 2365  
Delta R.T. -0.00 min  
Lab File: BG022963.D  
Acq: 9 Jul 2016 13:25

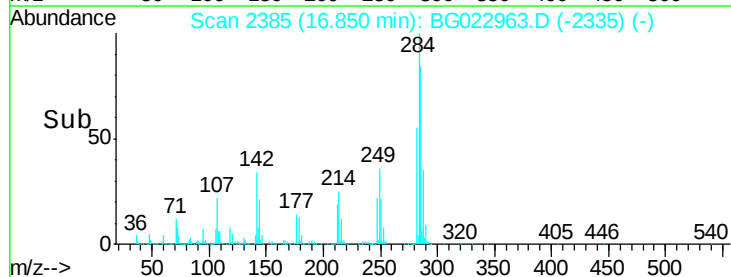
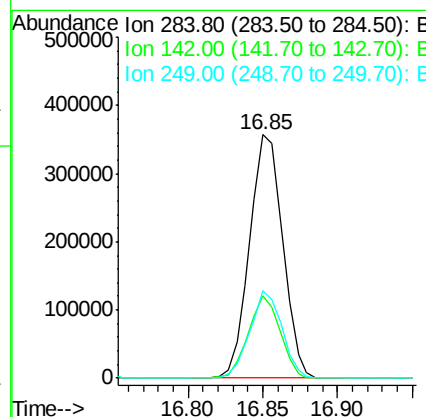
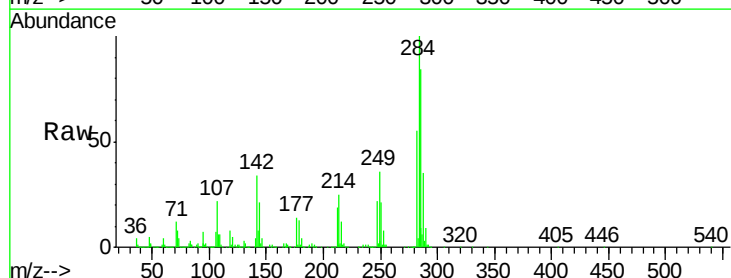
Instrument :  
BNA\_G  
ClientSampleId :  
PB91974BSD

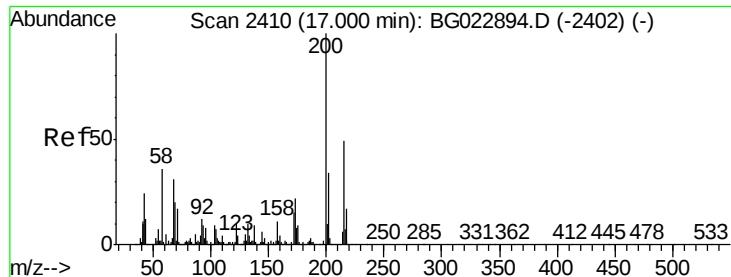
Tot Ion:248 Resp: 517636  
Ion Ratio Lower Upper  
248 100  
250 99.9 77.8 116.8  
141 71.9 65.7 98.5



#67  
Hexachlorobenzene  
Concen: 41.87 ng  
RT: 16.85 min Scan# 2385  
Delta R.T. -0.00 min  
Lab File: BG022963.D  
Acq: 9 Jul 2016 13:25

Tgt Ion:284 Resp: 546524  
Ion Ratio Lower Upper  
284 100  
142 33.7 26.8 40.2  
249 35.9 28.9 43.3

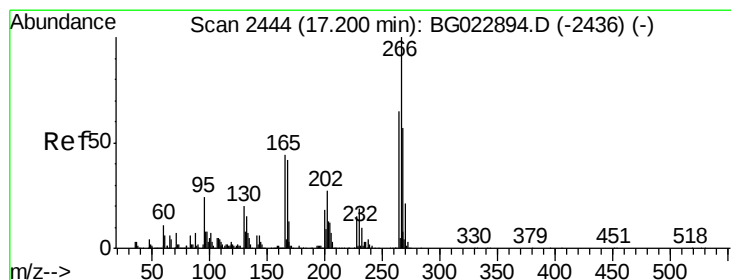
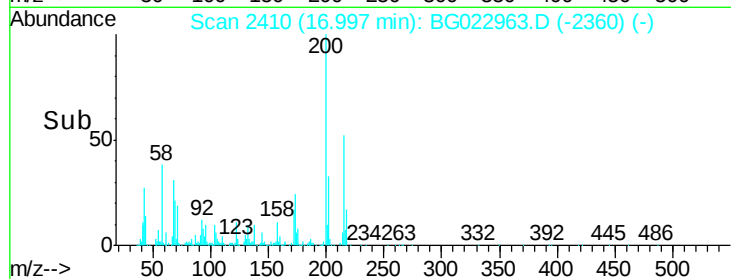
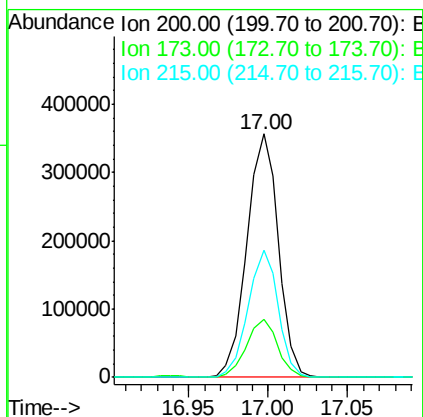
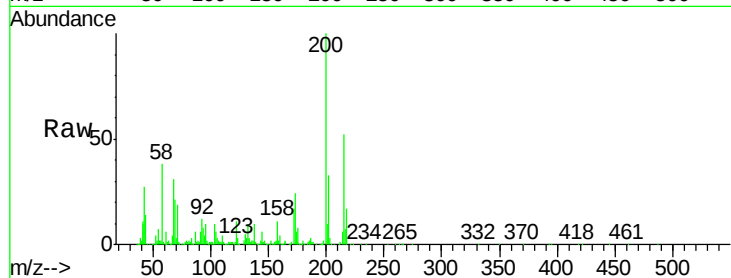




#68  
Atrazine  
Concen: 41.57 ng  
RT: 17.00 min Scan# 2410  
Delta R.T. -0.00 min  
Lab File: BG022963.D  
Acq: 9 Jul 2016 13:25

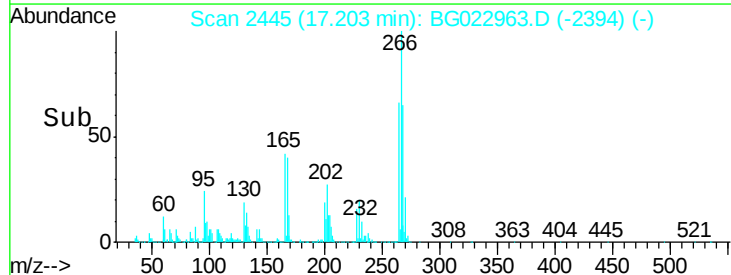
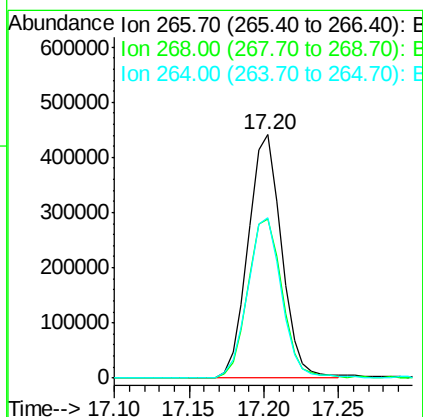
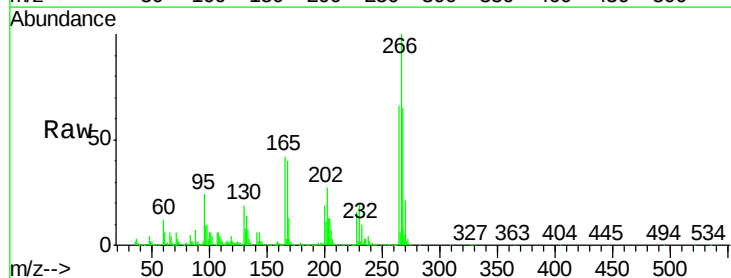
Instrument :  
BNA\_G  
ClientSampleId :  
PB91974BSD

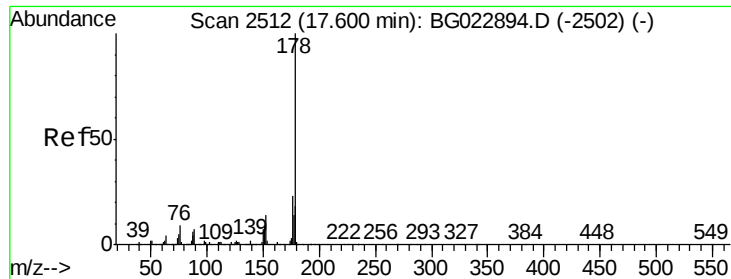
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 23.8  | 1.6   | 41.6  |
| 215     | 52.3  | 28.7  | 68.7  |



#69  
Pentachlorophenol  
Concen: 80.75 ng  
RT: 17.20 min Scan# 2445  
Delta R.T. 0.00 min  
Lab File: BG022963.D  
Acq: 9 Jul 2016 13:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 65.2  | 51.9  | 77.9  |
| 264     | 65.7  | 50.6  | 75.8  |





#70

Phenanthrene

Concen: 44.90 ng

RT: 17.60 min Scan# 2512

Delta R.T. -0.00 min

Lab File: BG022963.D

Acq: 9 Jul 2016 13:25

Instrument :

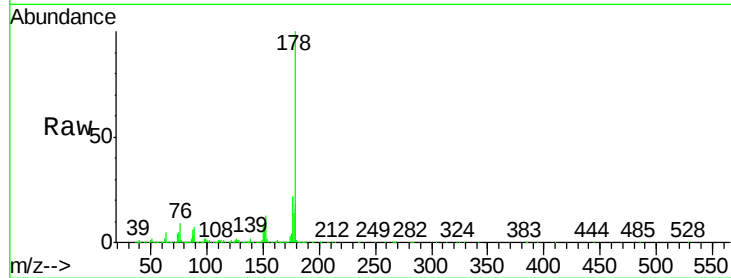
BNA\_G

ClientSampleId :

PB91974BSD

Tot Ion:178 Resp: 2030360

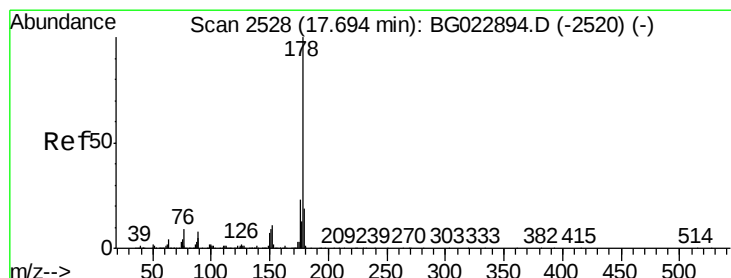
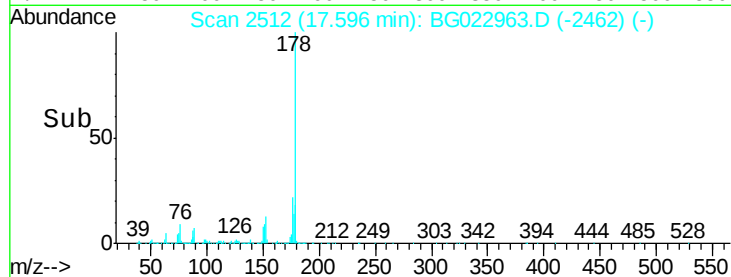
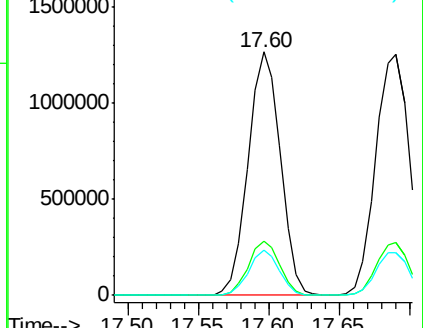
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 22.4  | 16.8  | 25.2  |
| 179 | 18.4  | 14.3  | 21.5  |



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: 45.45 ng

RT: 17.69 min Scan# 2528

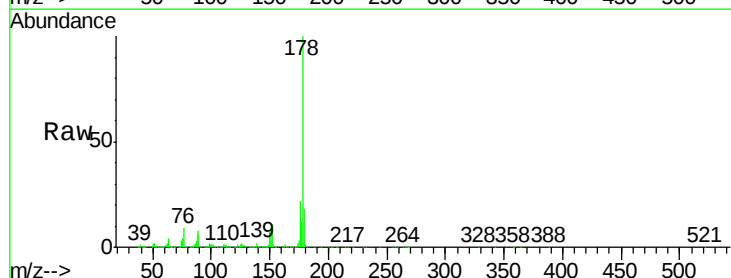
Delta R.T. -0.00 min

Lab File: BG022963.D

Acq: 9 Jul 2016 13:25

Tgt Ion:178 Resp: 2081387

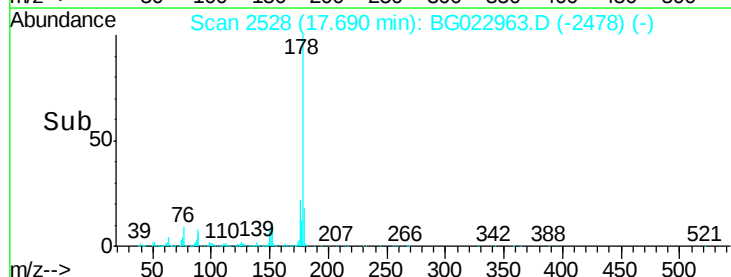
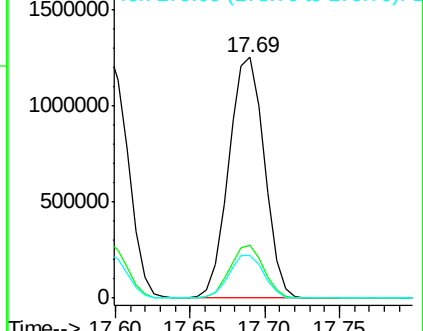
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 21.8  | 17.3  | 25.9  |
| 179 | 17.7  | 14.0  | 21.0  |

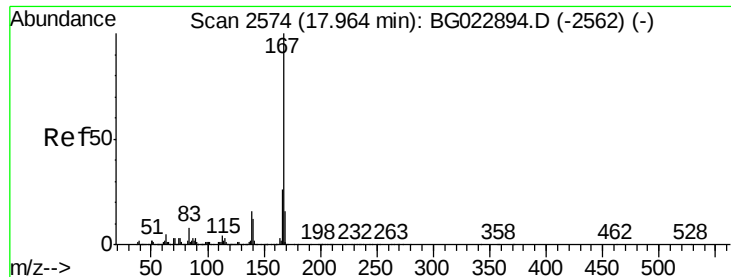


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 45.22 ng

RT: 17.96 min Scan# 2574

Delta R.T. -0.00 min

Lab File: BG022963.D

Acq: 9 Jul 2016 13:25

Instrument :

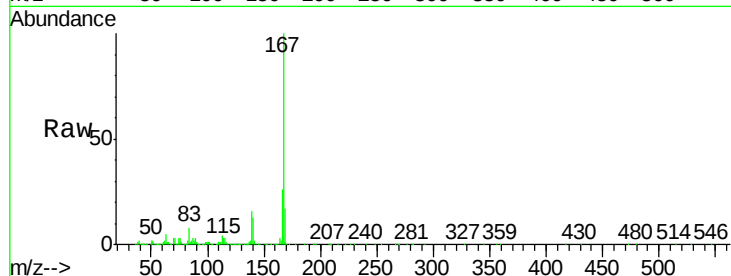
BNA\_G

ClientSampleId :

PB91974BSD

Tot Ion:167 Resp: 1789114

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 25.6  | 20.7  | 31.1  |
| 139 | 16.4  | 11.9  | 17.9  |

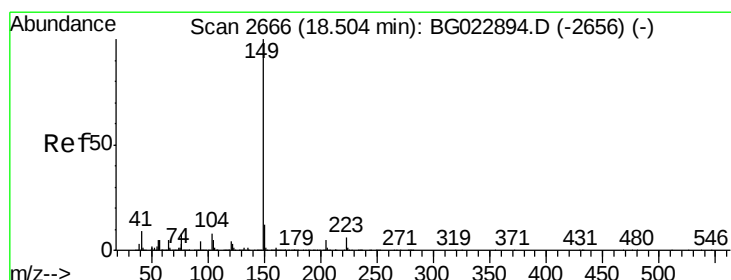
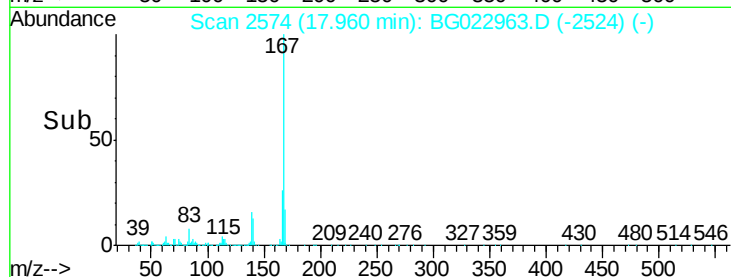
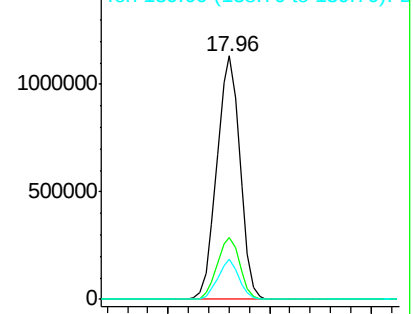


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 47.94 ng

RT: 18.50 min Scan# 2666

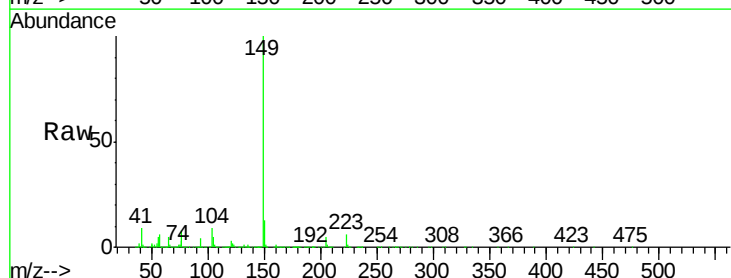
Delta R.T. -0.00 min

Lab File: BG022963.D

Acq: 9 Jul 2016 13:25

Tgt Ion:149 Resp: 2109341

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 12.9  | 9.1   | 13.7  |
| 104 | 9.1   | 6.9   | 10.3  |

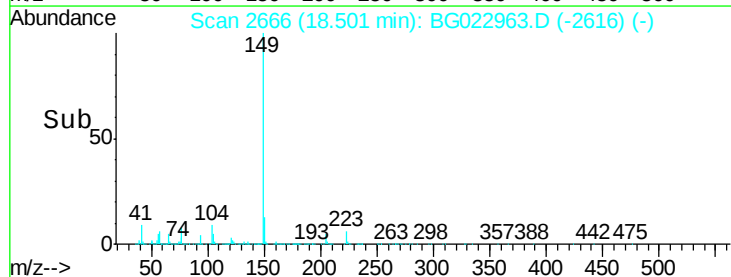
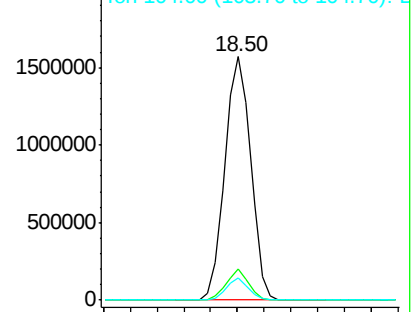


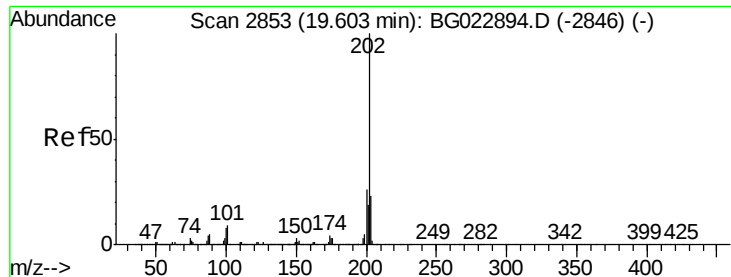
Abundance

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

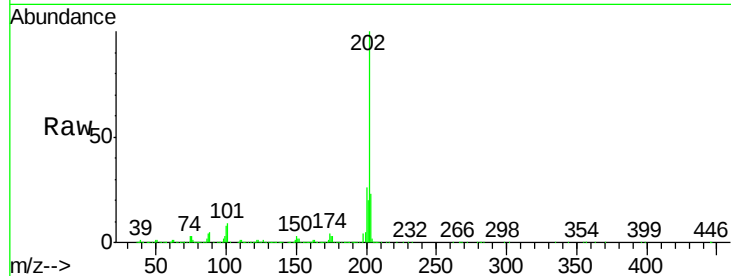




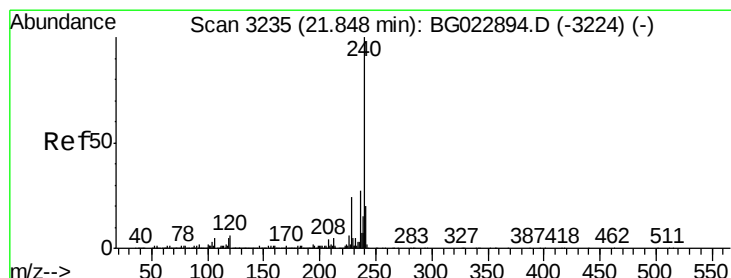
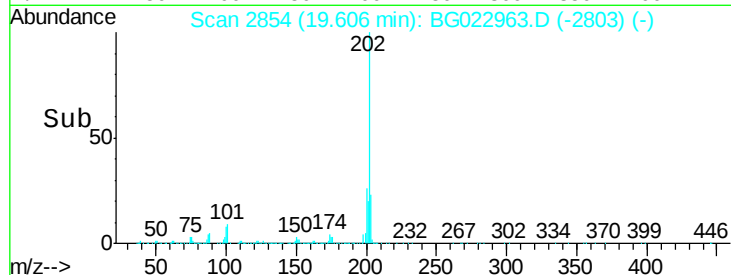
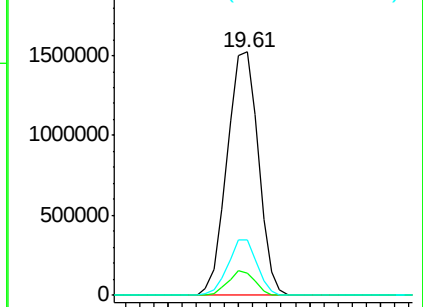
#74  
Fluoranthene  
Concen: 42.36 ng  
RT: 19.61 min Scan# 2854  
Delta R.T. 0.00 min  
Lab File: BG022963.D  
Acq: 9 Jul 2016 13:25

Instrument :  
BNA\_G  
ClientSampleId :  
PB91974BSD

Tot Ion:202 Resp: 2350788  
Ion Ratio Lower Upper  
202 100  
101 9.2 0.0 27.4  
203 23.0 1.7 41.7

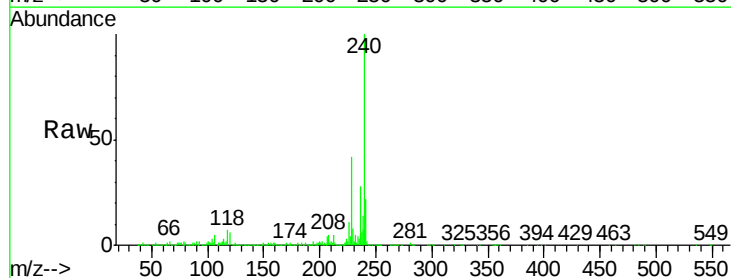


Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E

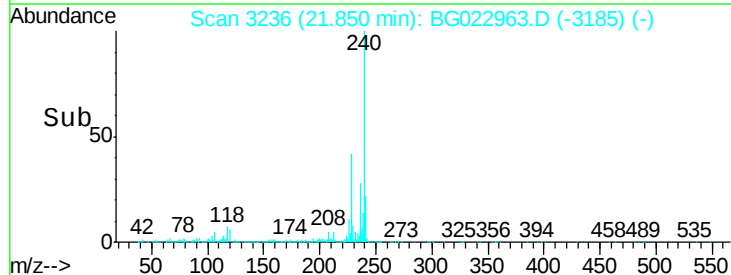
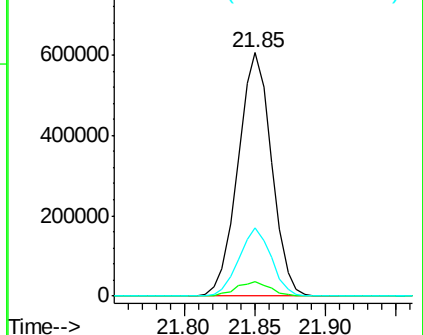


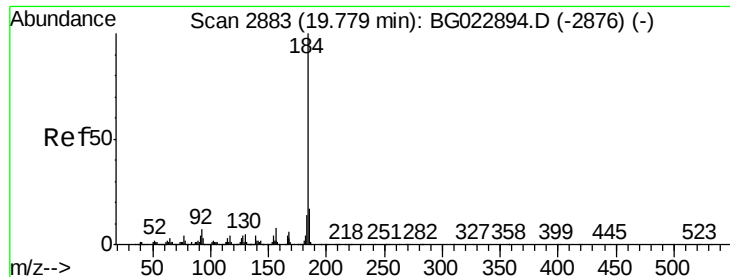
#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.85 min Scan# 3236  
Delta R.T. 0.00 min  
Lab File: BG022963.D  
Acq: 9 Jul 2016 13:25

Tgt Ion:240 Resp: 1007350  
Ion Ratio Lower Upper  
240 100  
120 6.0 4.1 6.1  
236 28.1 21.1 31.7



Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 44.51 ng

RT: 19.78 min Scan# 2884

Delta R.T. 0.00 min

Lab File: BG022963.D

Acq: 9 Jul 2016 13:25

Instrument :

BNA\_G

ClientSampleId :

PB91974BSD

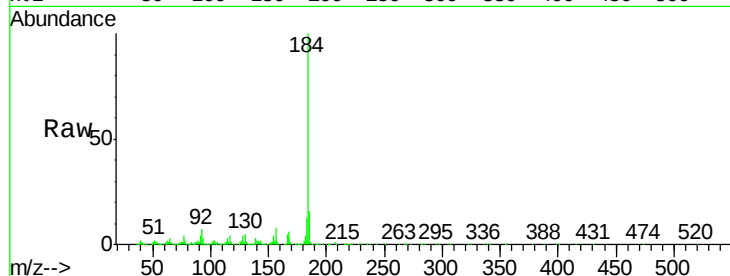
Tot Ion:184 Resp: 1285345

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 15.7  | 12.6  | 19.0  |
| 183 | 13.1  | 10.7  | 16.1  |

184 100

185 15.7 12.6 19.0

183 13.1 10.7 16.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

19.78

800000

600000

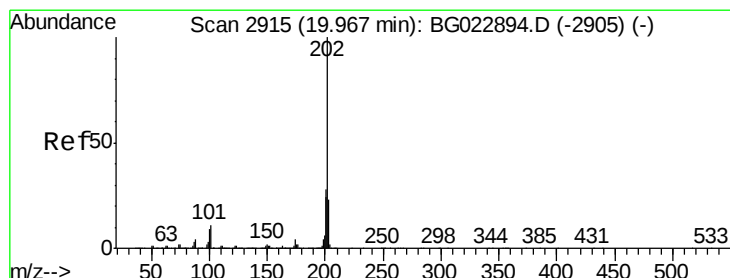
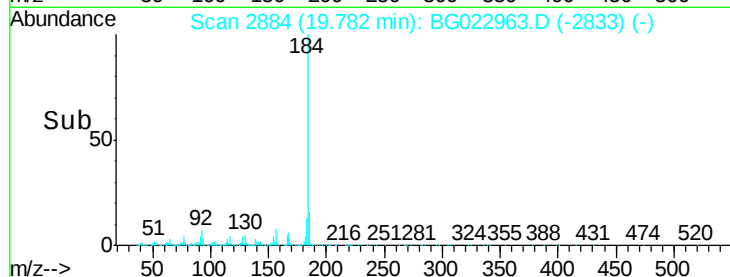
400000

200000

0

19.70 19.80 19.90

Time-->



#77

Pyrene

Concen: 41.94 ng

RT: 19.96 min Scan# 2915

Delta R.T. -0.00 min

Lab File: BG022963.D

Acq: 9 Jul 2016 13:25

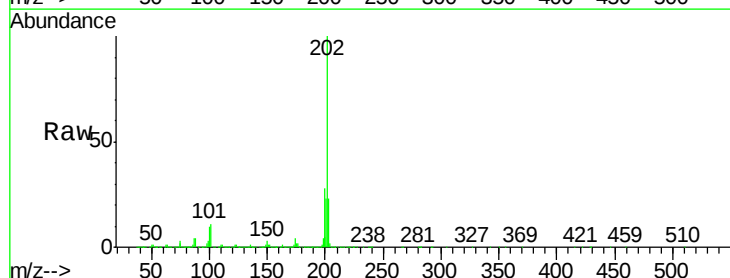
Tgt Ion:202 Resp: 2374351

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 27.5  | 21.2  | 31.8  |
| 203 | 22.8  | 16.8  | 25.2  |

202 100

200 27.5 21.2 31.8

203 22.8 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

19.96

2000000

1500000

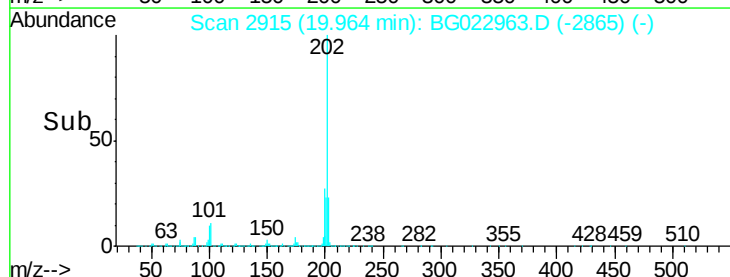
1000000

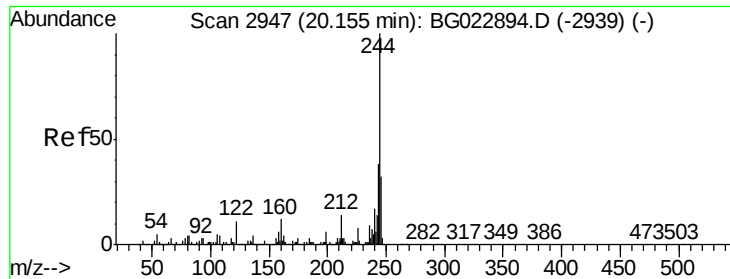
500000

0

19.90 20.00 20.10

Time-->





#78

Terphenyl-d14

Concen: 97.34 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG022963.D

Acq: 9 Jul 2016 13:25

Instrument :

BNA\_G

ClientSampleId :

PB91974BSD

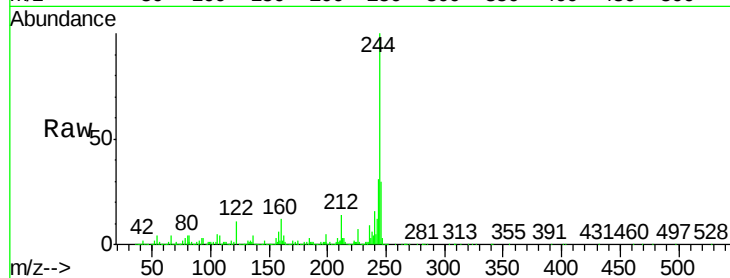
Tot Ion:244 Resp: 2925675

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 14.1  | 10.8  | 16.2  |
| 122 | 11.2  | 8.0   | 12.0  |

244 100

212 14.1 10.8 16.2

122 11.2 8.0 12.0

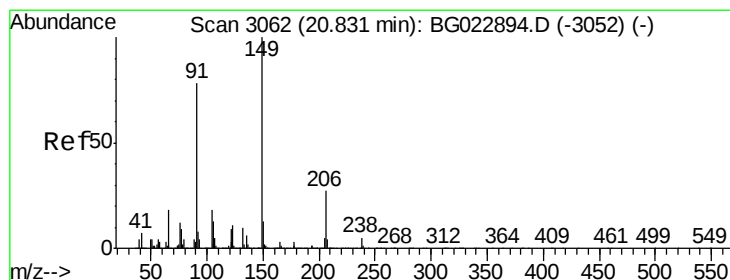
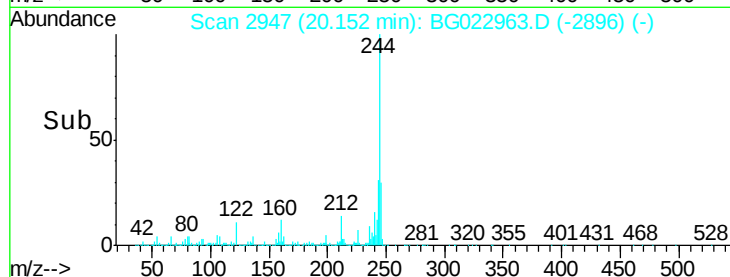
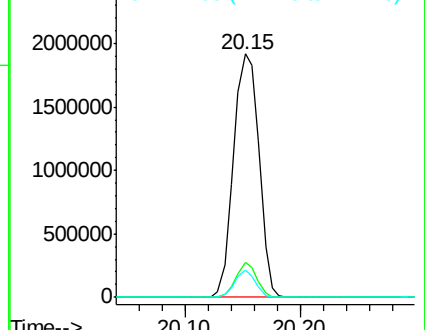


Abundance

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: 46.31 ng

RT: 20.83 min Scan# 3063

Delta R.T. 0.00 min

Lab File: BG022963.D

Acq: 9 Jul 2016 13:25

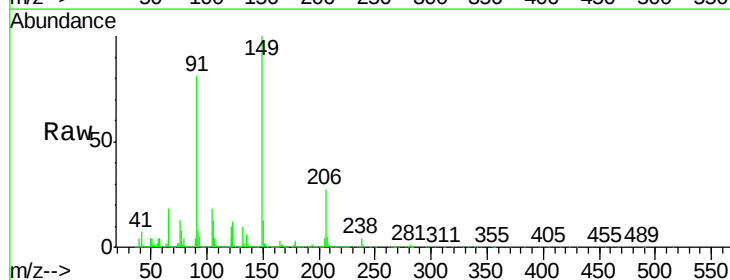
Tgt Ion:149 Resp: 1038281

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 81.1  | 68.1  | 102.1 |
| 206 | 27.0  | 19.8  | 29.6  |

149 100

91 81.1 68.1 102.1

206 27.0 19.8 29.6

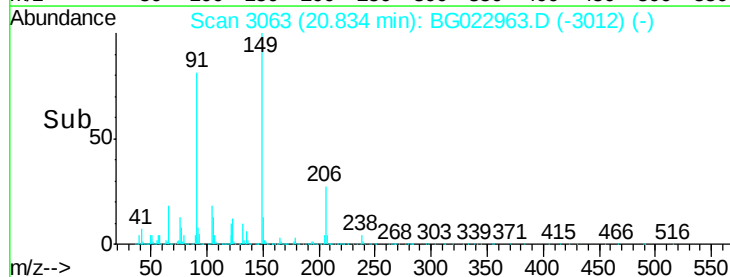
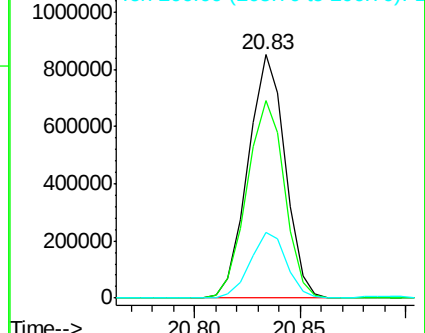


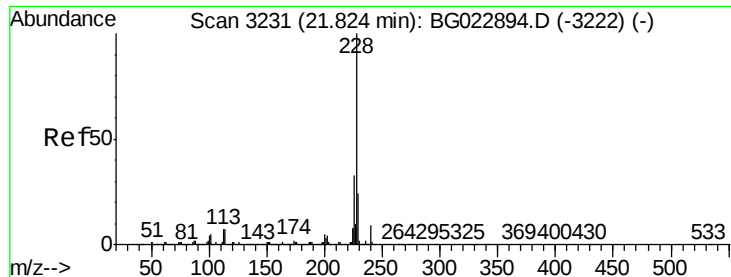
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E

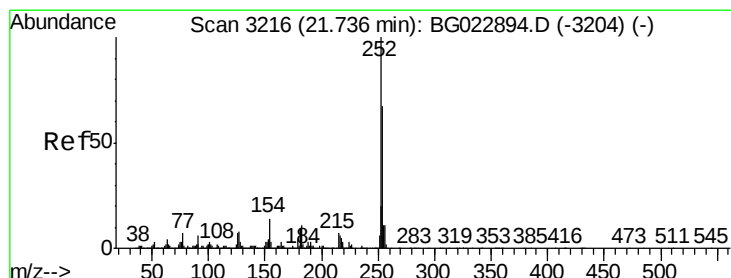
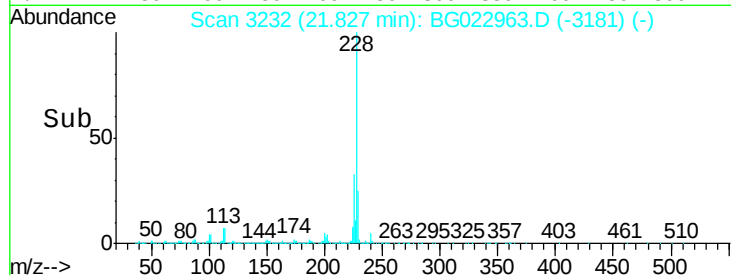
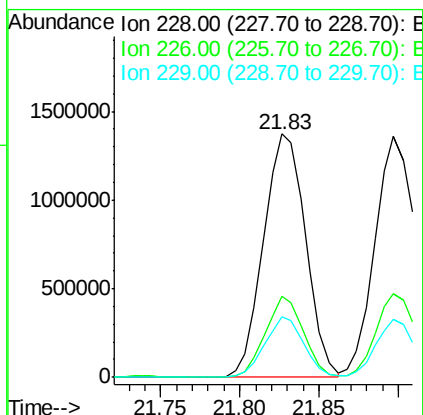
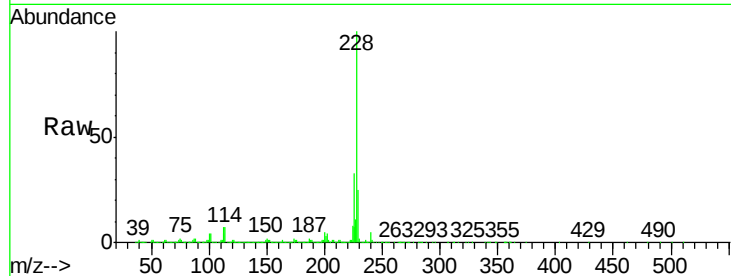




#80  
Benzo(a)anthracene  
Concen: 44.99 ng  
RT: 21.83 min Scan# 3232  
Delta R.T. 0.00 min  
Lab File: BG022963.D  
Acq: 9 Jul 2016 13:25

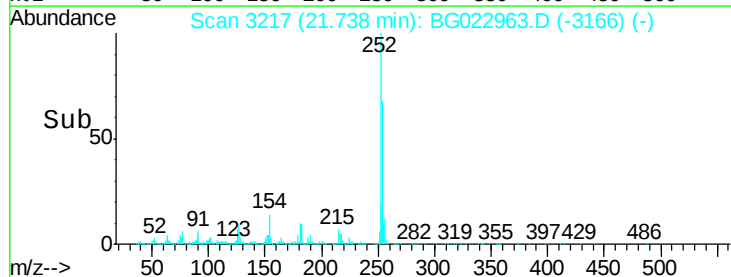
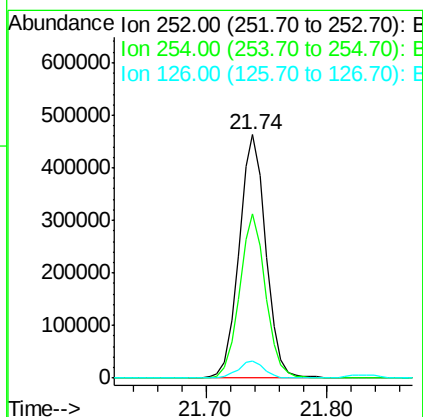
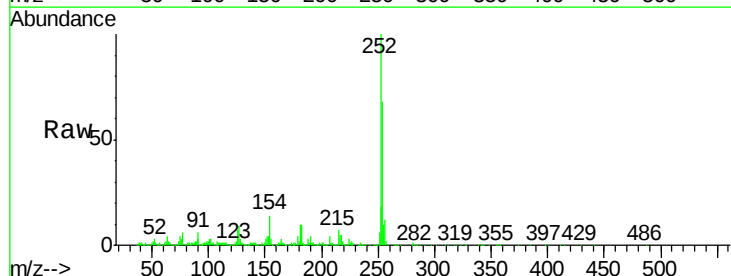
Instrument :  
BNA\_G  
ClientSampleId :  
PB91974BSD

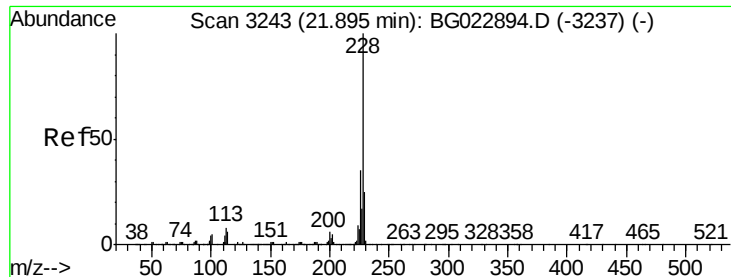
Tot Ion:228 Resp: 2535536  
Ion Ratio Lower Upper  
228 100  
226 33.3 25.3 37.9  
229 25.0 19.9 29.9



#81  
3,3'-Dichlorobenzidine  
Concen: 28.90 ng  
RT: 21.74 min Scan# 3217  
Delta R.T. 0.00 min  
Lab File: BG022963.D  
Acq: 9 Jul 2016 13:25

Tgt Ion:252 Resp: 714929  
Ion Ratio Lower Upper  
252 100  
254 67.7 51.2 76.8  
126 7.1 5.3 7.9





#82

Chrysene

Concen: 45.08 ng

RT: 21.90 min Scan# 3244

Delta R.T. 0.00 min

Lab File: BG022963.D

Acq: 9 Jul 2016 13:25

Instrument :

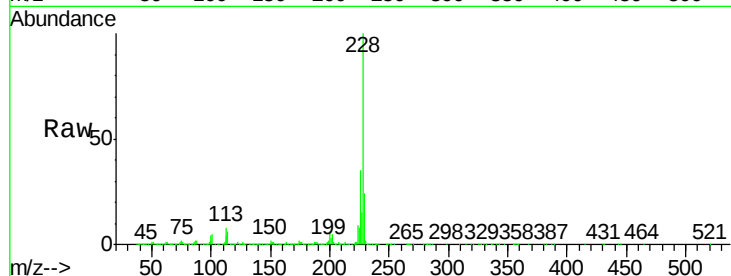
BNA\_G

ClientSampleId :

PB91974BSD

Tot Ion:228 Resp: 2383535

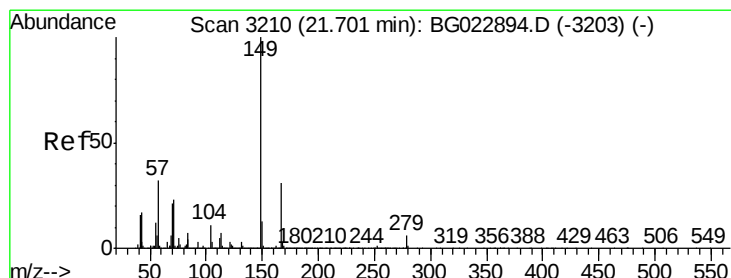
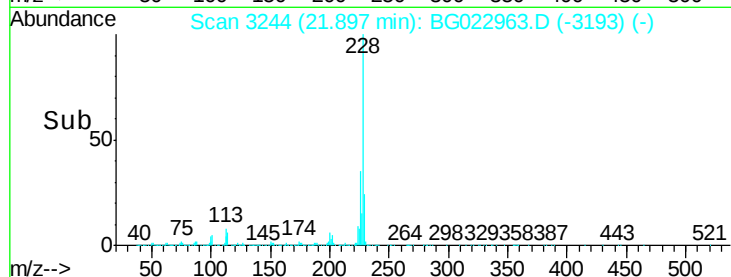
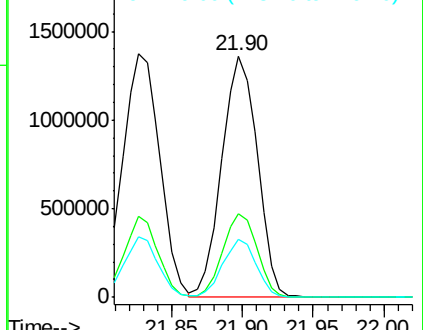
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 34.8  | 26.7  | 40.1  |
| 229 | 24.1  | 17.4  | 26.2  |



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 45.44 ng

RT: 21.71 min Scan# 3212

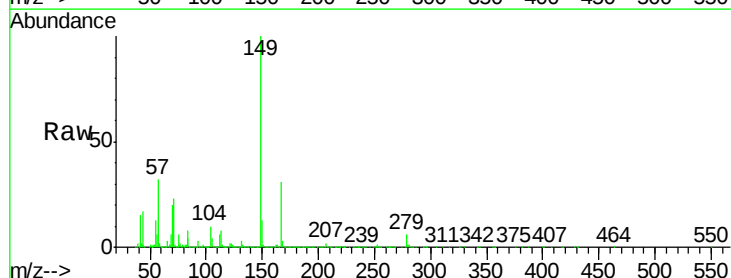
Delta R.T. 0.01 min

Lab File: BG022963.D

Acq: 9 Jul 2016 13:25

Tgt Ion:149 Resp: 1414637

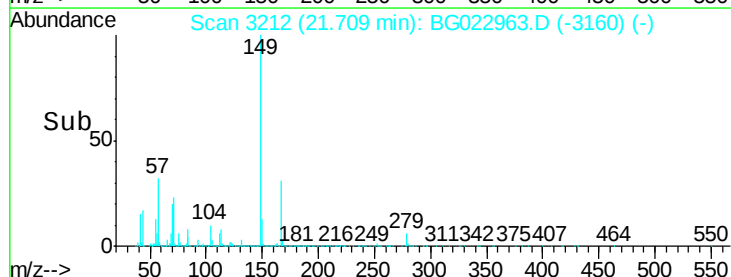
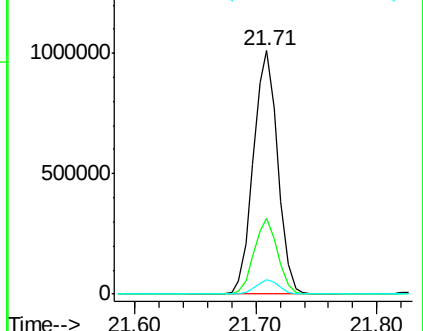
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 31.4  | 24.0  | 36.0  |
| 279 | 6.2   | 4.8   | 7.2   |

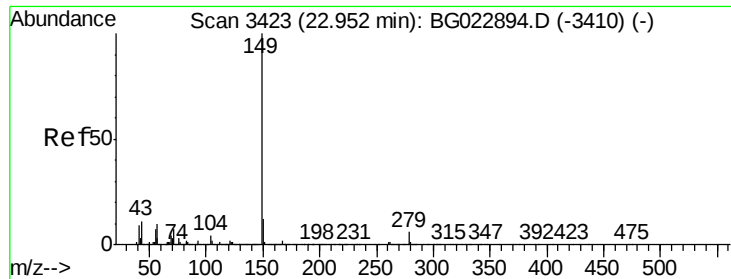


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 45.74 ng

RT: 22.97 min Scan# 3426

Delta R.T. 0.01 min

Lab File: BG022963.D

Acq: 9 Jul 2016 13:25

Instrument :

BNA\_G

ClientSampleId :

PB91974BSD

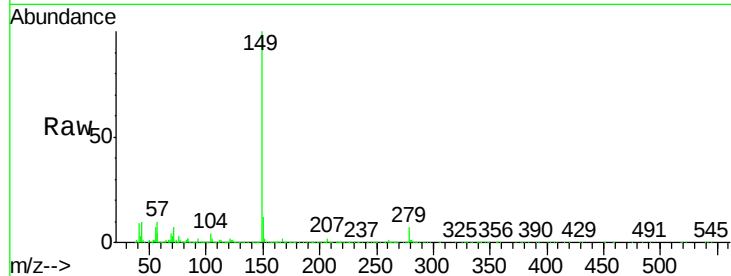
Tot Ion:149 Resp: 2374849

Ion Ratio Lower Upper

149 100

167 1.8 1.5 2.3

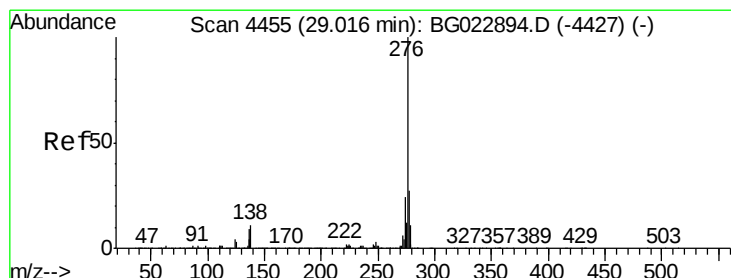
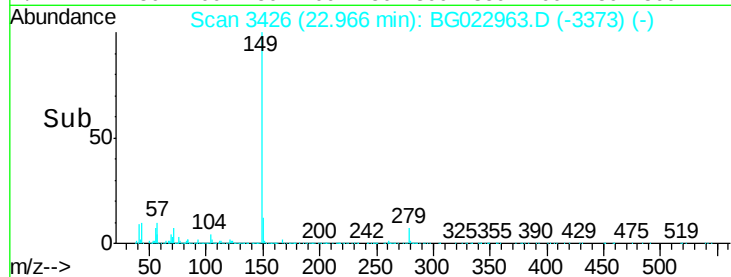
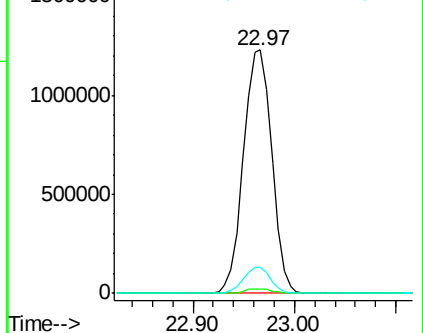
43 10.1 8.8 13.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#85

Indeno(1,2,3-cd)pyrene

Concen: 45.63 ng

RT: 29.06 min Scan# 4463

Delta R.T. 0.04 min

Lab File: BG022963.D

Acq: 9 Jul 2016 13:25

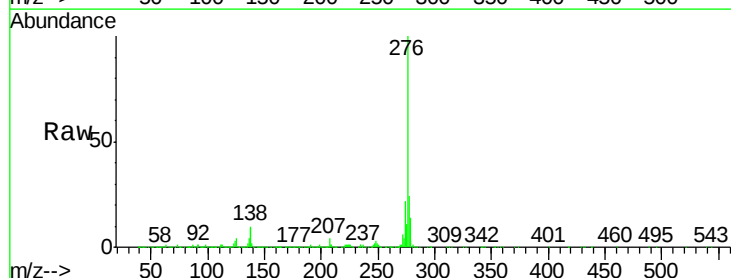
Tgt Ion:276 Resp: 3075706

Ion Ratio Lower Upper

276 100

138 10.0 0.0 0.0#

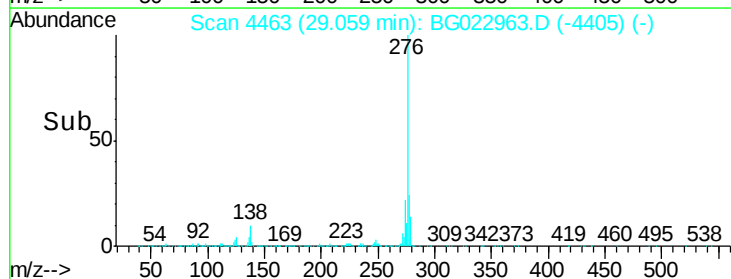
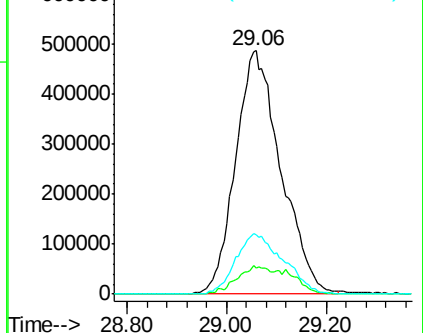
277 26.1 0.0 0.0#

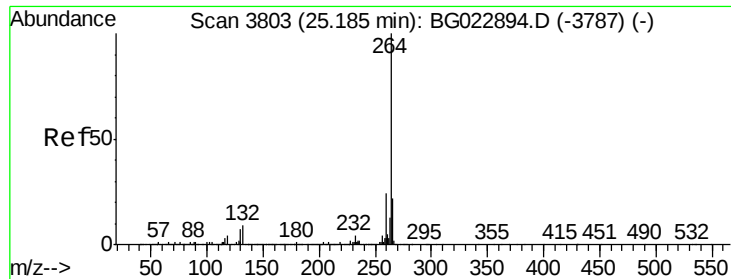


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 25.20 min Scan# 3807

Delta R.T. 0.02 min

Lab File: BG022963.D

Acq: 9 Jul 2016 13:25

Instrument :

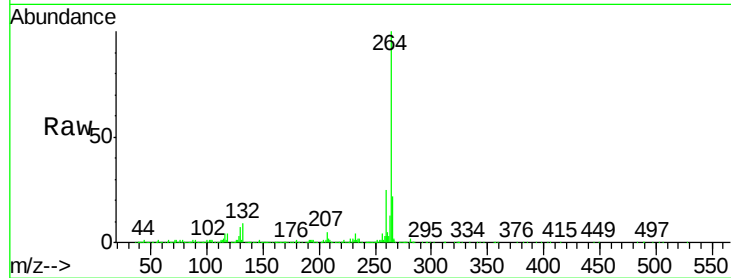
BNA\_G

ClientSampleId :

PB91974BSD

Tot Ion:264 Resp: 1029627

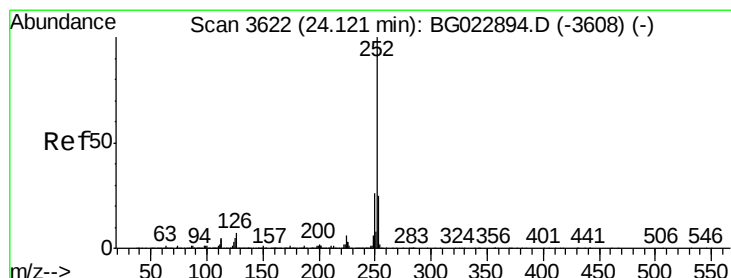
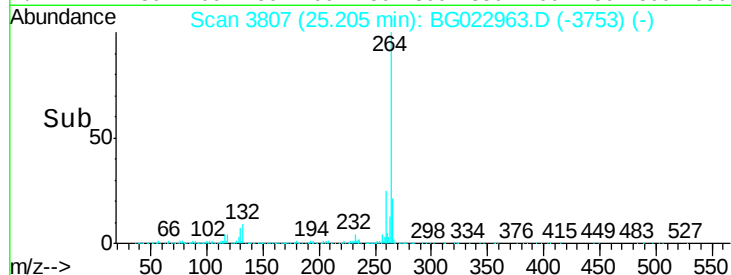
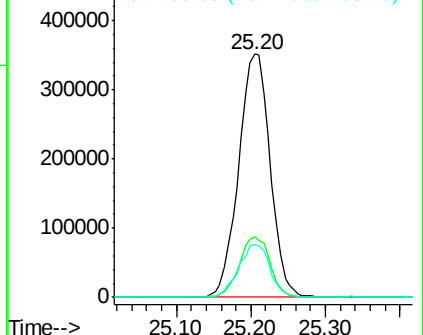
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 25.1  | 18.4  | 27.6  |
| 265 | 21.5  | 18.9  | 28.3  |



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: 45.82 ng

RT: 24.14 min Scan# 3625

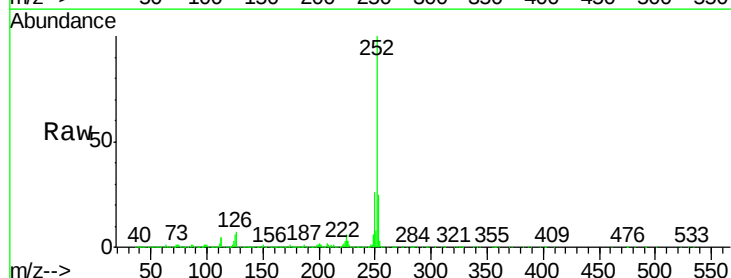
Delta R.T. 0.01 min

Lab File: BG022963.D

Acq: 9 Jul 2016 13:25

Tgt Ion:252 Resp: 2721613

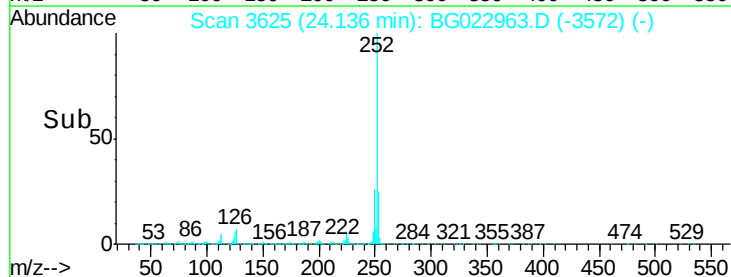
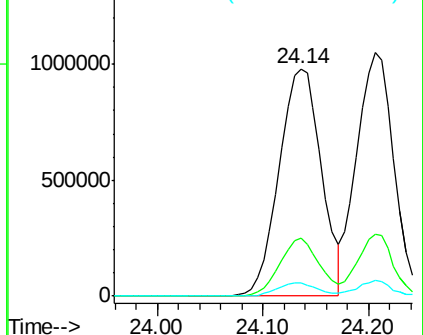
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 25.3  | 18.9  | 28.3  |
| 125 | 5.8   | 3.9   | 5.9   |

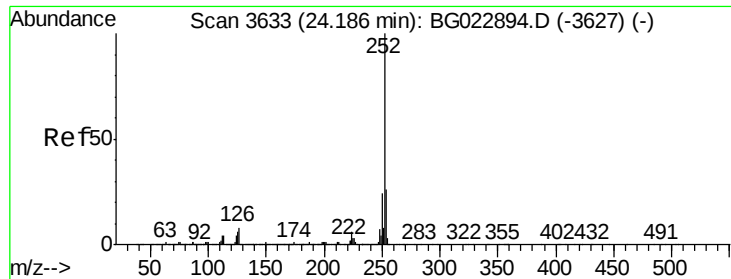


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 45.08 ng

RT: 24.21 min Scan# 3637

Delta R.T. 0.02 min

Lab File: BG022963.D

Acq: 9 Jul 2016 13:25

Instrument :

BNA\_G

ClientSampleId :

PB91974BSD

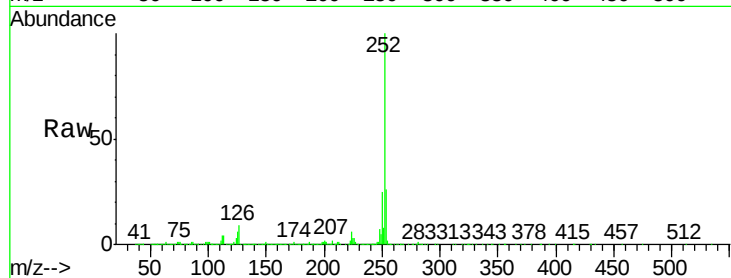
Tot Ion:252 Resp: 2541210

Ion Ratio Lower Upper

252 100

253 25.5 18.8 28.2

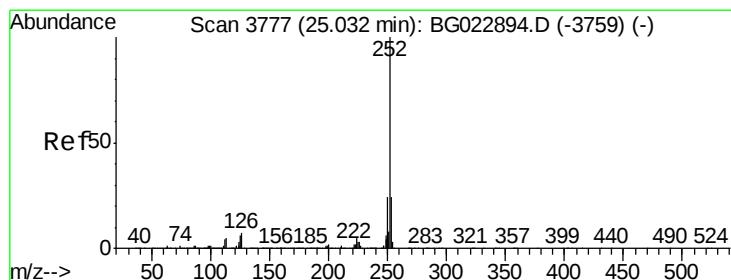
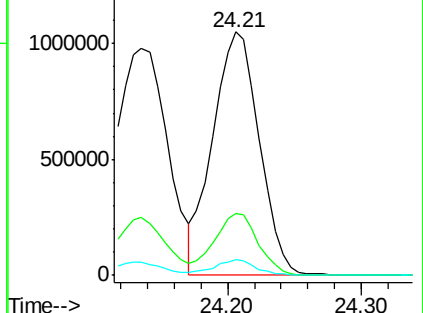
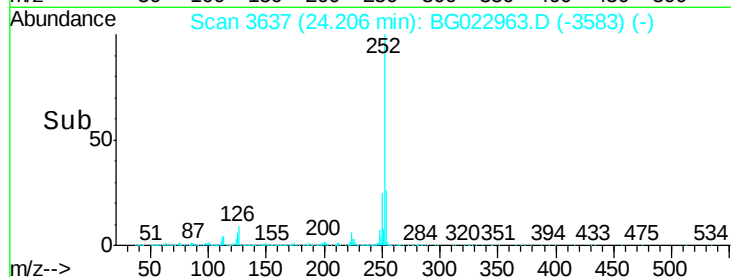
125 6.2 3.2 4.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 46.05 ng

RT: 25.05 min Scan# 3781

Delta R.T. 0.02 min

Lab File: BG022963.D

Acq: 9 Jul 2016 13:25

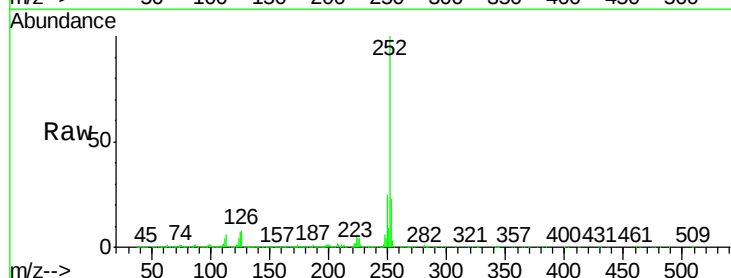
Tgt Ion:252 Resp: 2622014

Ion Ratio Lower Upper

252 100

253 22.7 18.7 28.1

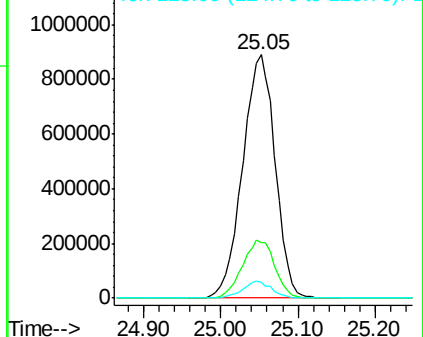
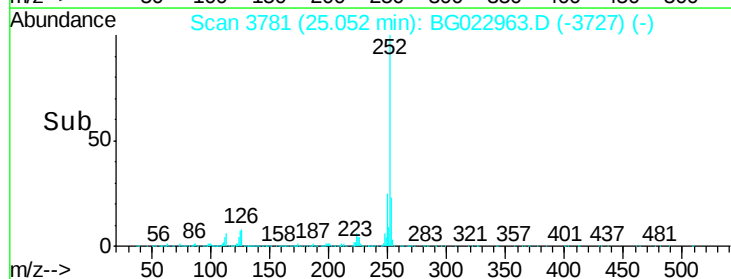
125 6.6 3.9 5.9#

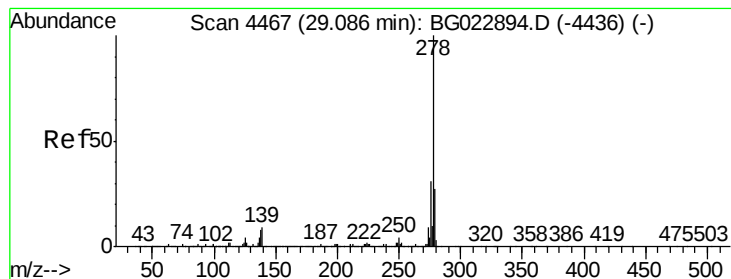


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 45.45 ng

RT: 29.12 min Scan# 4474

Delta R.T. 0.04 min

Lab File: BG022963.D

Acq: 9 Jul 2016 13:25

Instrument :

BNA\_G

ClientSampleId :

PB91974BSD

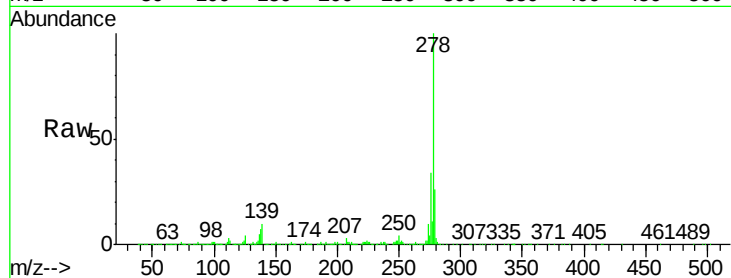
Tot Ion:278 Resp: 2568949

Ion Ratio Lower Upper

278 100

139 9.6 4.7 7.1#

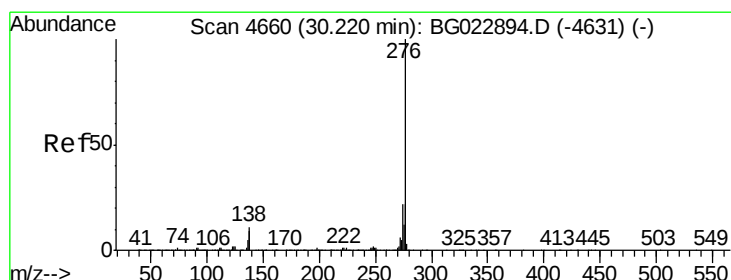
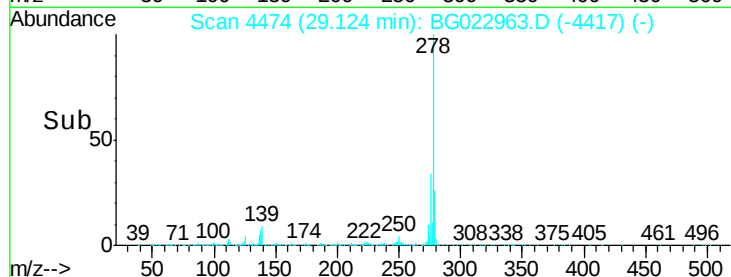
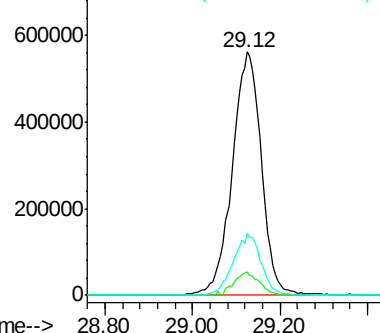
279 25.6 18.3 27.5



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(g,h,i)perylene

Concen: 45.03 ng

RT: 30.27 min Scan# 4669

Delta R.T. 0.05 min

Lab File: BG022963.D

Acq: 9 Jul 2016 13:25

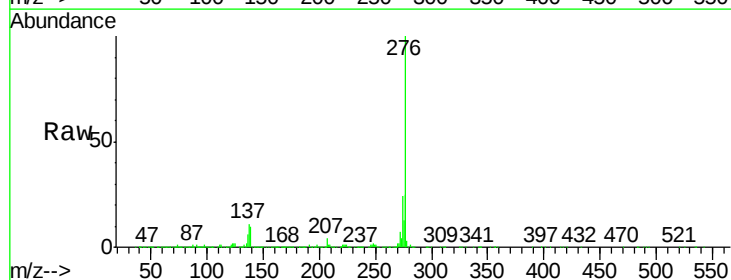
Tgt Ion:276 Resp: 2548709

Ion Ratio Lower Upper

276 100

277 24.9 18.6 27.8

138 10.1 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

