

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\  
 Data File : BG037724.D  
 Acq On : 1 Nov 2018 18:31  
 Operator : JU/SJ  
 Sample : J5741-23MSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Nov 02 07:10:14 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 18 14:06:42 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.10  | 152  | 56207    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.92 | 136  | 255180   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.73 | 164  | 171649   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.48 | 188  | 396007   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.77 | 240  | 345194   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.10 | 264  | 358304   | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.64  | 112 | 493937  | 146.92 | ng | 0.00 |
| 7) Phenol-d6             | 7.25  | 99  | 732560  | 144.10 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.27  | 82  | 433212  | 95.10  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.23 | 330 | 267392  | 142.83 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.36 | 172 | 974089  | 85.57  | ng | 0.00 |
| 79) Terphenyl-d14        | 20.08 | 244 | 1356445 | 83.96  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.52  | 88  | 45888  | 26.915 | ng | 98     |
| 3) Pyridine                    | 3.93  | 79  | 122364 | 28.475 | ng | 94     |
| 4) n-Nitrosodimethylamine      | 3.85  | 42  | 70415  | 46.005 | ng | 90     |
| 6) Aniline                     | 7.42  | 93  | 193571 | 31.212 | ng | 98     |
| 8) 2-Chlorophenol              | 7.66  | 128 | 183671 | 46.700 | ng | 99     |
| 9) Benzaldehyde                | 7.24  | 77  | 137012 | 43.085 | ng | 99     |
| 10) Phenol                     | 7.28  | 94  | 290081 | 54.081 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.52  | 93  | 171810 | 42.174 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 7.98  | 146 | 176237 | 40.251 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 8.14  | 146 | 179409 | 40.058 | ng | 100    |
| 14) 1,2-Dichlorobenzene        | 8.45  | 146 | 172841 | 40.118 | ng | 98     |
| 15) Benzyl Alcohol             | 8.34  | 79  | 171775 | 45.729 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.62  | 45  | 312902 | 42.926 | ng | 99     |
| 17) 2-Methylphenol             | 8.53  | 107 | 170650 | 48.123 | ng | 98     |
| 18) Hexachloroethane           | 9.18  | 117 | 63803  | 41.786 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 8.90  | 70  | 147839 | 42.231 | ng | 93     |
| 20) 3+4-Methylphenols          | 8.86  | 107 | 239430 | 47.225 | ng | 98     |
| 22) Acetophenone               | 8.93  | 105 | 277115 | 43.301 | ng | # 99   |
| 24) Nitrobenzene               | 9.32  | 77  | 213837 | 45.187 | ng | 94     |
| 25) Isophorone                 | 9.83  | 82  | 423189 | 50.845 | ng | 98     |
| 26) 2-Nitrophenol              | 10.03 | 139 | 106264 | 49.846 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 10.07 | 122 | 202696 | 53.252 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 10.31 | 93  | 253591 | 46.503 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.56 | 162 | 205117 | 48.400 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.78 | 180 | 194571 | 42.218 | ng | 95     |
| 31) Naphthalene                | 10.97 | 128 | 580739 | 46.334 | ng | 99     |
| 32) Benzoic acid               | 10.17 | 122 | 63293  | 25.601 | ng | 98     |
| 33) 4-Chloroaniline            | 11.08 | 127 | 121026 | 20.551 | ng | 96     |
| 34) Hexachlorobutadiene        | 11.23 | 225 | 112770 | 41.285 | ng | 98     |
| 35) Caprolactam                | 11.87 | 113 | 47783  | 28.113 | ng | 96     |
| 36) 4-Chloro-3-methylphenol    | 12.18 | 107 | 230161 | 48.156 | ng | 99     |
| 37) 2-Methylnaphthalene        | 12.57 | 142 | 444050 | 48.601 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.79 | 142 | 428111 | 48.249 | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.93 | 216 | 229496 | 41.451 | ng | 99     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\  
 Data File : BG037724.D  
 Acq On : 1 Nov 2018 18:31  
 Operator : JU/SJ  
 Sample : J5741-23MSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

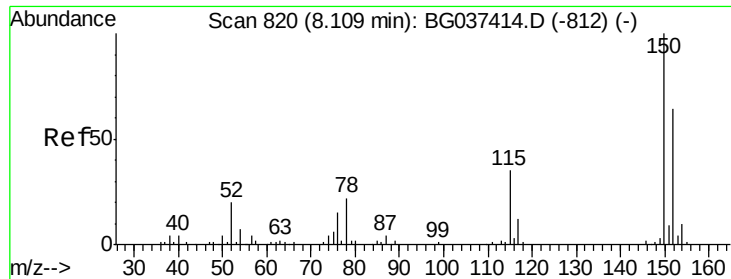
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Nov 02 07:10:14 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 18 14:06:42 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.89 | 237  | 256510   | 96.990  | ng    | 97       |
| 43) 2,4,6-Trichlorophenol      | 13.16 | 196  | 176820   | 47.803  | ng    | 100      |
| 44) 2,4,5-Trichlorophenol      | 13.24 | 196  | 195106   | 48.446  | ng    | 95       |
| 46) 1,1'-Biphenyl              | 13.57 | 154  | 583197   | 41.025  | ng    | 98       |
| 47) 2-Chloronaphthalene        | 13.62 | 162  | 460633   | 42.831  | ng    | 98       |
| 48) 2-Nitroaniline             | 13.83 | 65   | 157767   | 48.375  | ng    | 94       |
| 49) Acenaphthylene             | 14.46 | 152  | 759058   | 46.919  | ng    | 99       |
| 50) Dimethylphthalate          | 14.19 | 163  | 745880   | 56.170  | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.32 | 165  | 140053   | 47.676  | ng    | 93       |
| 52) Acenaphthene               | 14.80 | 154  | 445484   | 44.712  | ng    | 97       |
| 53) 3-Nitroaniline             | 14.65 | 138  | 108980   | 33.418  | ng    | # 98     |
| 54) 2,4-Dinitrophenol          | 14.85 | 184  | 78042    | 67.081  | ng    | 99       |
| 55) Dibenzofuran               | 15.13 | 168  | 712080   | 43.136  | ng    | 100      |
| 56) 4-Nitrophenol              | 14.94 | 139  | 306011   | 126.771 | ng    | 98       |
| 57) 2,4-Dinitrotoluene         | 15.10 | 165  | 194090   | 50.333  | ng    | 96       |
| 58) Fluorene                   | 15.78 | 166  | 571446   | 46.227  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.35 | 232  | 167131   | 48.470  | ng    | 100      |
| 60) Diethylphthalate           | 15.54 | 149  | 617162   | 45.270  | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.77 | 204  | 303495   | 42.121  | ng    | 97       |
| 62) 4-Nitroaniline             | 15.81 | 138  | 148785   | 45.914  | ng    | 92       |
| 63) Azobenzene                 | 16.06 | 77   | 582159   | 44.756  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.86 | 198  | 92034    | 44.946  | ng    | 99       |
| 66) n-Nitrosodiphenylamine     | 15.98 | 169  | 530048   | 44.497  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.66 | 248  | 188641   | 43.378  | ng    | 99       |
| 68) Hexachlorobenzene          | 16.77 | 284  | 192161   | 42.635  | ng    | 99       |
| 69) Atrazine                   | 16.92 | 200  | 196194   | 45.555  | ng    | 98       |
| 70) Pentachlorophenol          | 17.12 | 266  | 225363   | 74.647  | ng    | 95       |
| 71) Phenanthrene               | 17.52 | 178  | 930723   | 46.244  | ng    | 99       |
| 72) Anthracene                 | 17.61 | 178  | 948446   | 48.020  | ng    | 99       |
| 73) Carbazole                  | 17.89 | 167  | 856908   | 43.372  | ng    | 100      |
| 74) Di-n-butylphthalate        | 18.42 | 149  | 1024087  | 46.596  | ng    | 100      |
| 75) Fluoranthene               | 19.53 | 202  | 1054667  | 46.203  | ng    | 98       |
| 77) Benzidine                  | 19.71 | 184  | 269252   | 22.939  | ng    | 99       |
| 78) Pyrene                     | 19.89 | 202  | 1047006  | 46.398  | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.76 | 149  | 456159   | 49.393  | ng    | 98       |
| 81) Benzo(a)anthracene         | 21.75 | 228  | 974089   | 47.708  | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.66 | 252  | 236765   | 29.917  | ng    | 100      |
| 83) Chrysene                   | 21.81 | 228  | 908985   | 46.298  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.62 | 149  | 641831   | 49.580  | ng    | 98       |
| 85) Di-n-octyl phthalate       | 22.86 | 149  | 1086232  | 51.457  | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.92 | 276  | 951518   | 45.186  | ng    | # 95     |
| 88) Benzo(b)fluoranthene       | 24.03 | 252  | 960448   | 48.894  | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 24.10 | 252  | 906846   | 47.120  | ng    | 97       |
| 90) Benzo(a)pyrene             | 24.94 | 252  | 920032   | 49.289  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 28.99 | 278  | 742941   | 43.149  | ng    | 97       |
| 92) Benzo(g,h,i)perylene       | 30.13 | 276  | 762996   | 43.802  | ng    | 99       |

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



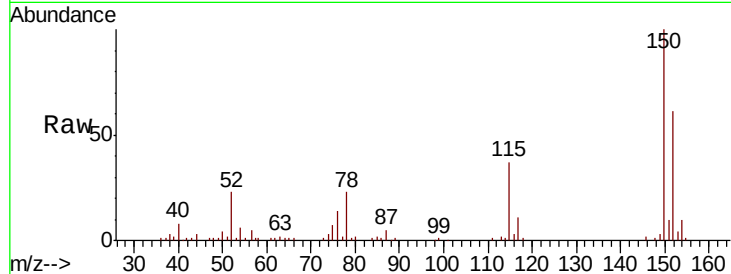


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.10 min Scan# 819  
Delta R.T. -0.01 min  
Lab File: BG037724.D  
Acq: 1 Nov 2018 18:31

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 162.7 | 126.0 | 189.0 |
| 115     | 60.8  | 45.5  | 68.3  |

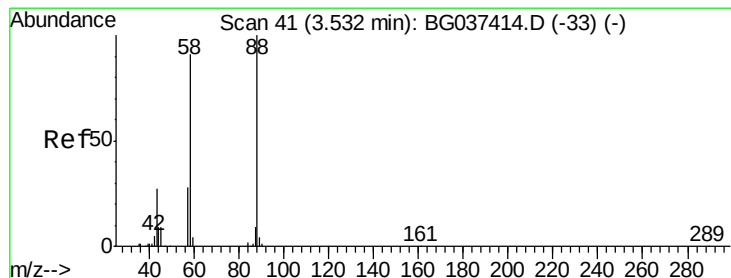
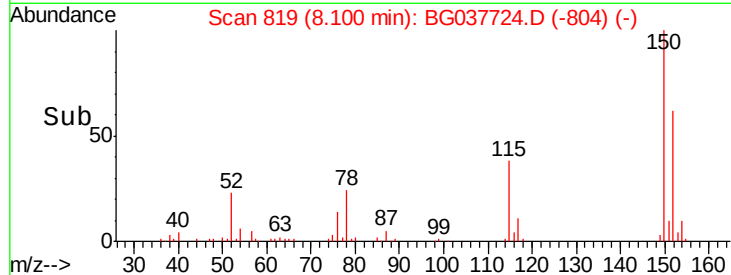
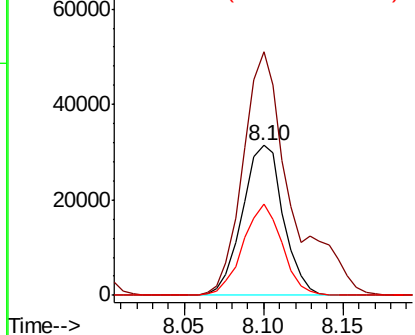


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

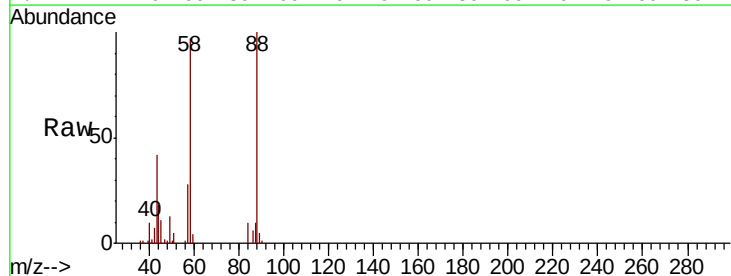
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 26.915 ng  
RT: 3.52 min Scan# 40  
Delta R.T. -0.01 min  
Lab File: BG037724.D  
Acq: 1 Nov 2018 18:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 92.0  | 74.4  | 111.6 |
| 43      | 30.5  | 25.8  | 38.8  |

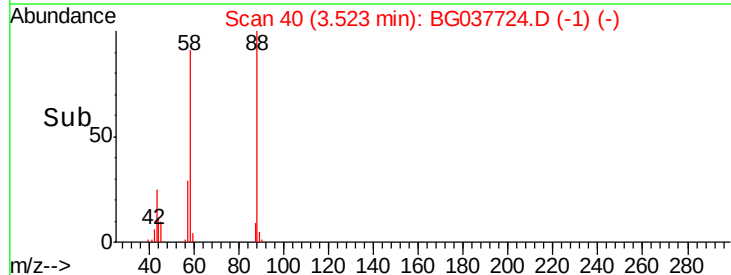
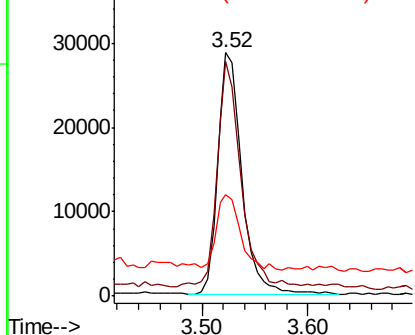


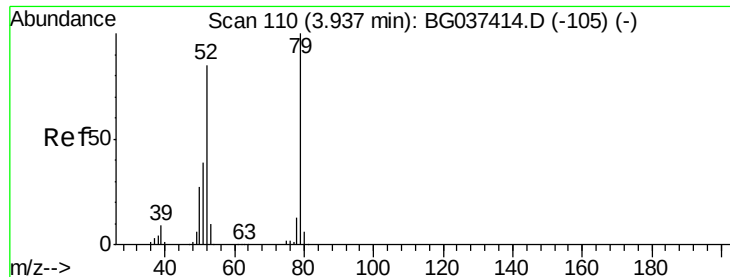
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 28.475 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG037724.D

Acq: 1 Nov 2018 18:31

Instrument :

BNA\_G

ClientSampleId :

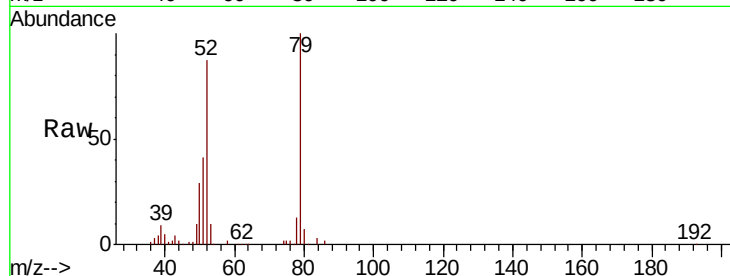
Tot Ion: 79 Resp: 122364

Ion Ratio Lower Upper

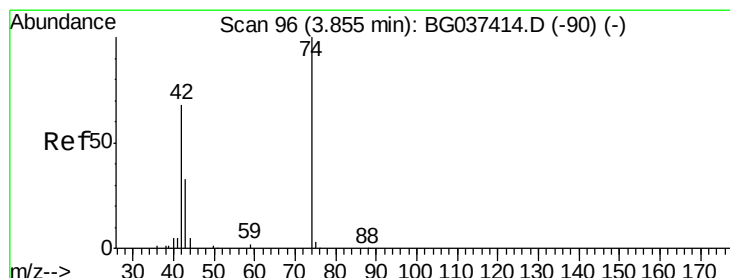
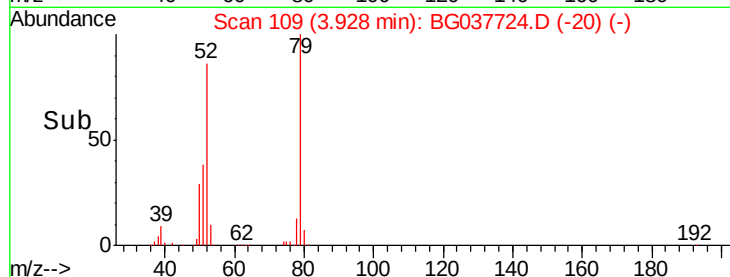
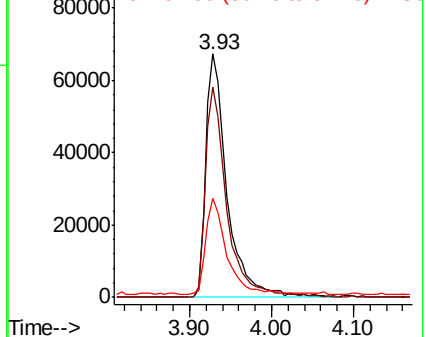
79 100

52 86.6 74.2 111.2

51 40.8 34.6 51.8



Abundance Ion 79.00 (78.70 to 79.70): BGC  
Ion 52.00 (51.70 to 52.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 46.005 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.00 min

Lab File: BG037724.D

Acq: 1 Nov 2018 18:31

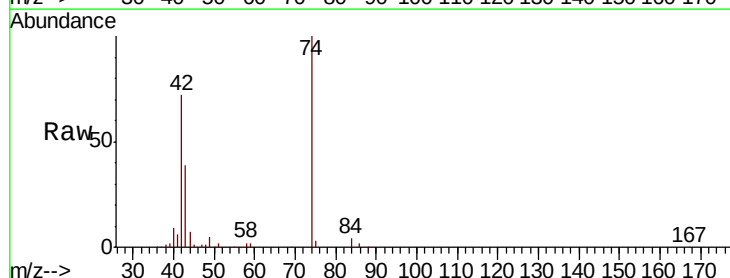
Tgt Ion: 42 Resp: 70415

Ion Ratio Lower Upper

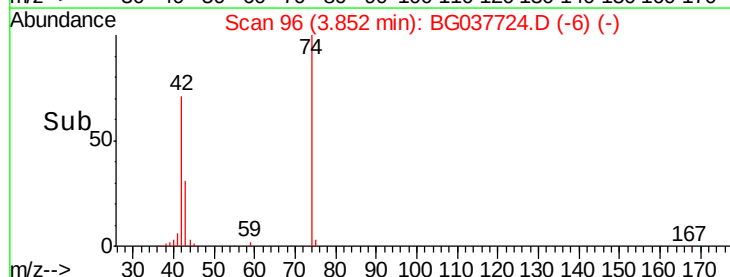
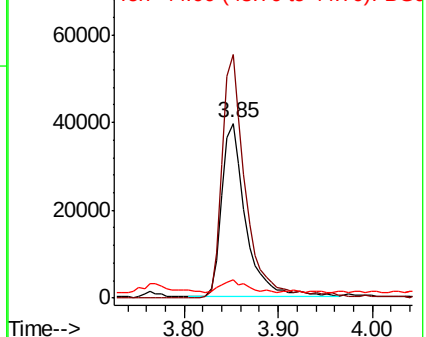
42 100

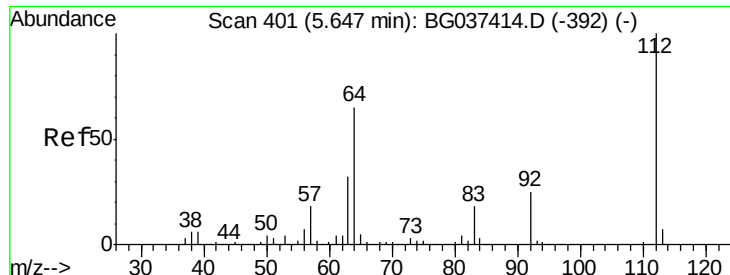
74 139.1 102.0 153.0

44 10.3 9.6 14.4



Abundance Ion 42.00 (41.70 to 42.70): BGC  
Ion 74.00 (73.70 to 74.70): BGC  
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 146.919 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037724.D

Acq: 1 Nov 2018 18:31

Instrument :

BNA\_G

ClientSampled :

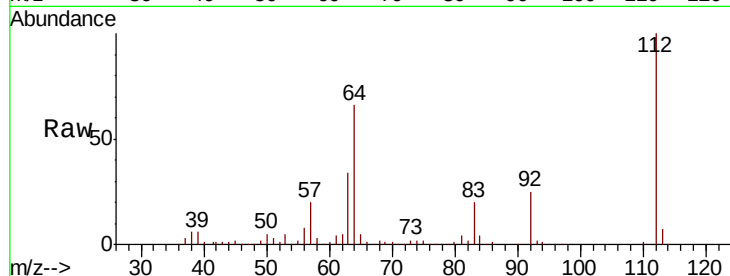
Tot Ion:112 Resp: 493937

Ion Ratio Lower Upper

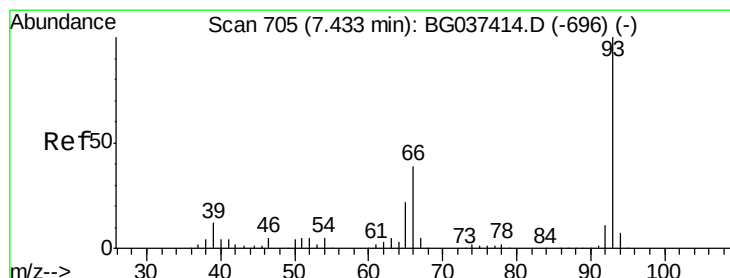
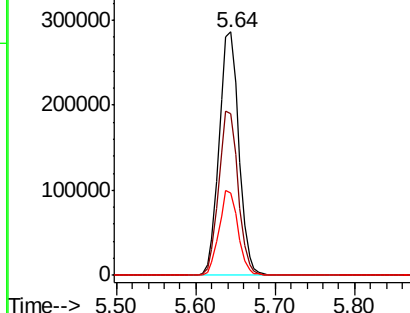
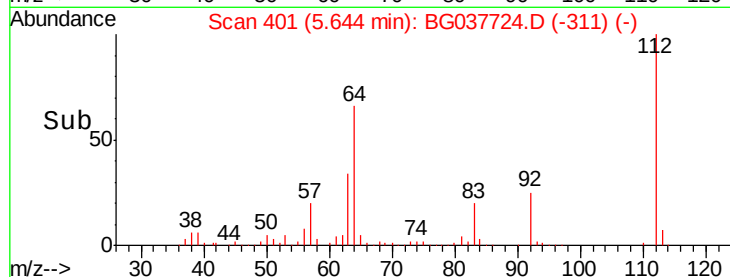
112 100

64 66.4 53.1 79.7

63 33.7 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC  
Ion 64.00 (63.70 to 64.70): BGC  
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 31.212 ng

RT: 7.42 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG037724.D

Acq: 1 Nov 2018 18:31

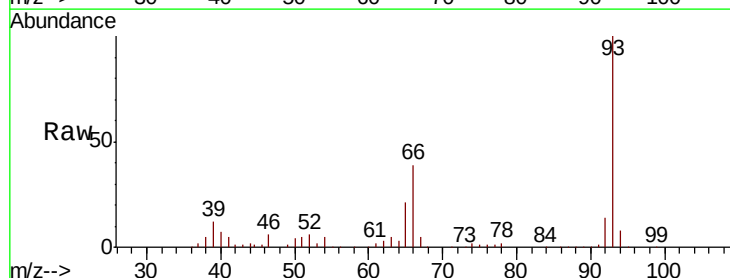
Tgt Ion: 93 Resp: 193571

Ion Ratio Lower Upper

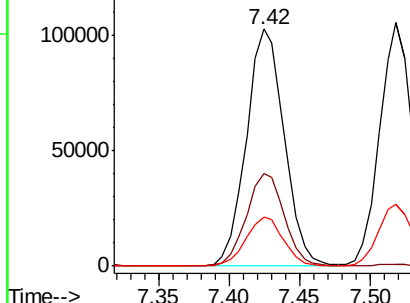
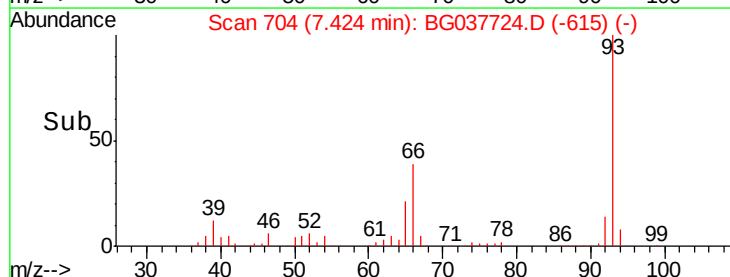
93 100

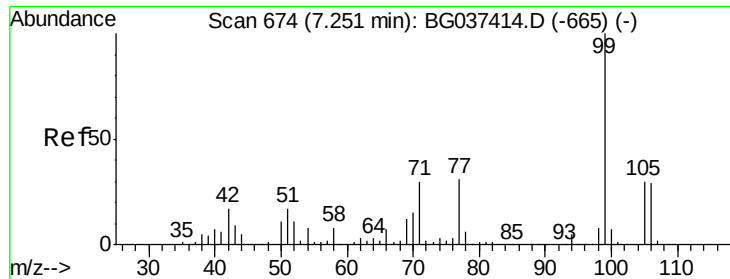
66 39.2 32.8 49.2

65 20.5 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 144.100 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037724.D

Acq: 1 Nov 2018 18:31

Instrument :

BNA\_G

ClientSampled :

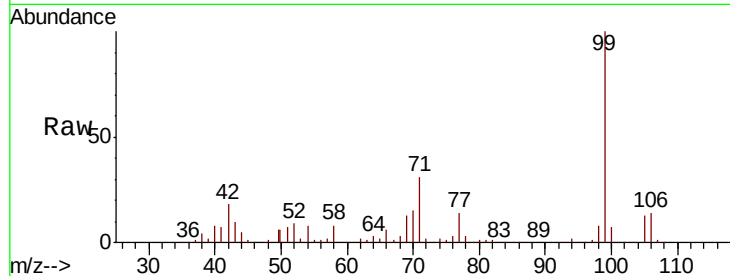
Tot Ion: 99 Resp: 732560

Ion Ratio Lower Upper

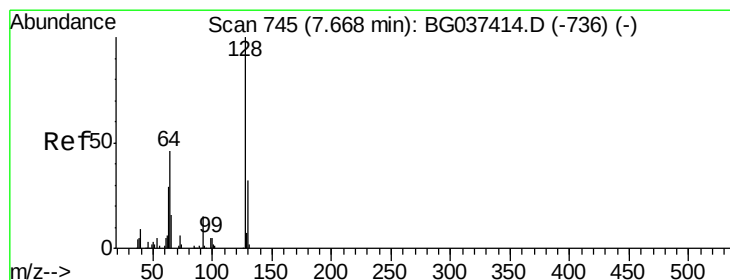
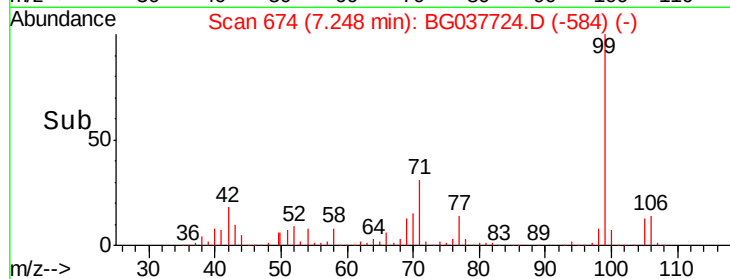
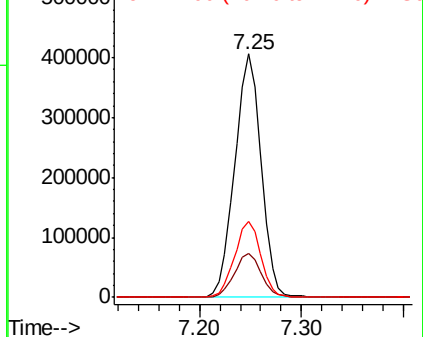
99 100

42 18.2 15.0 22.4

71 31.1 25.5 38.3



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



#8

2-Chlorophenol

Concen: 46.700 ng

RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG037724.D

Acq: 1 Nov 2018 18:31

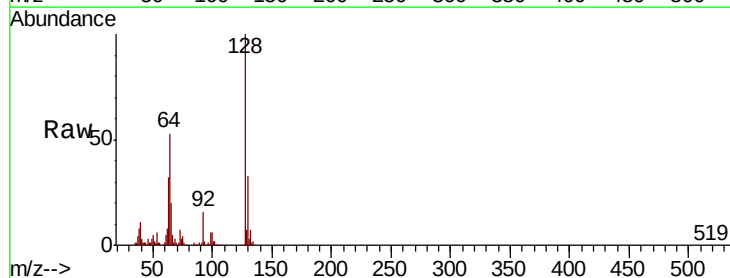
Tgt Ion:128 Resp: 183671

Ion Ratio Lower Upper

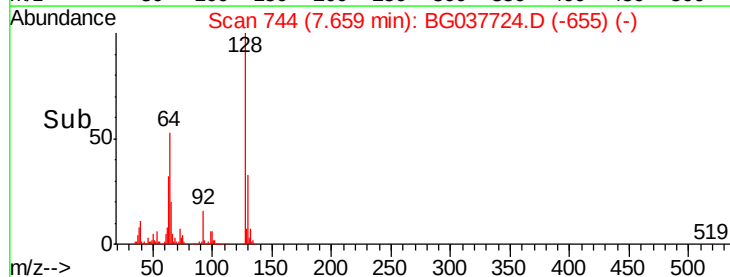
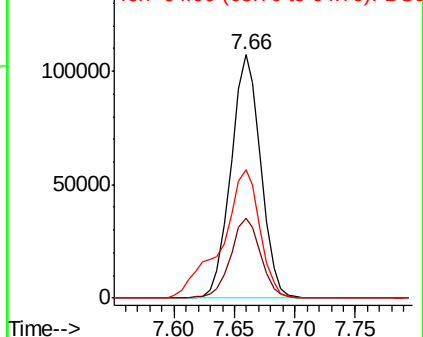
128 100

130 32.7 12.0 52.0

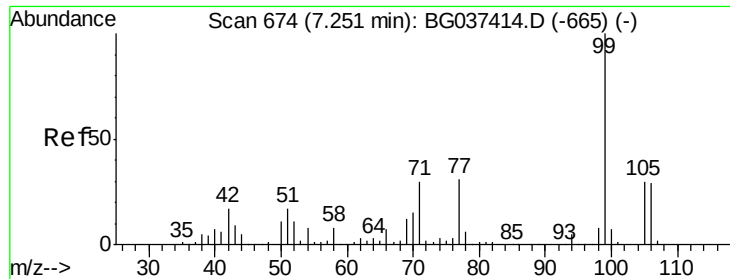
64 52.8 32.9 72.9



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







#9

Benzaldehyde

Concen: 43.085 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037724.D

Acq: 1 Nov 2018 18:31

Instrument :

BNA\_G

ClientSampled :

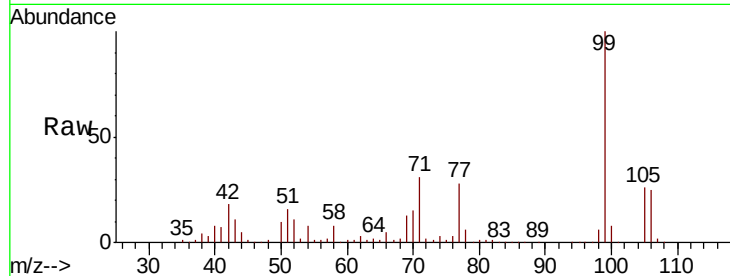
Tot Ion: 77 Resp: 137012

Ion Ratio Lower Upper

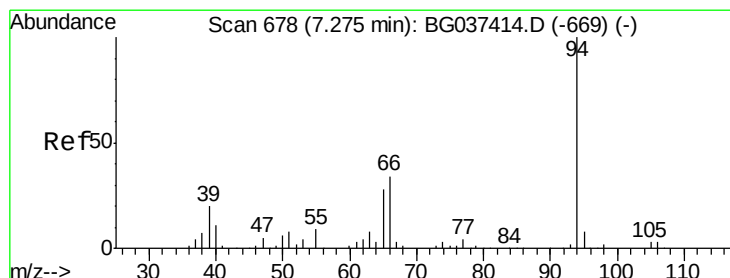
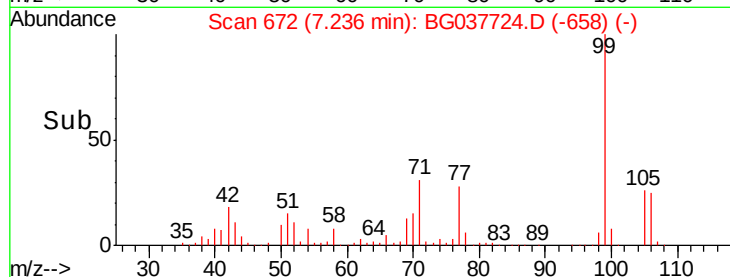
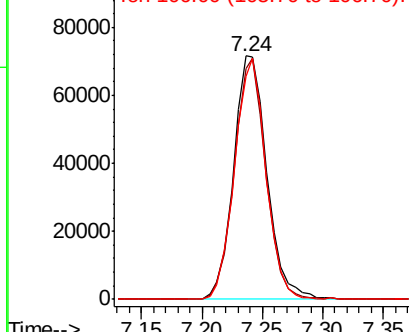
77 100

105 94.8 72.6 112.6

106 91.7 71.3 111.3



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: 54.081 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG037724.D

Acq: 1 Nov 2018 18:31

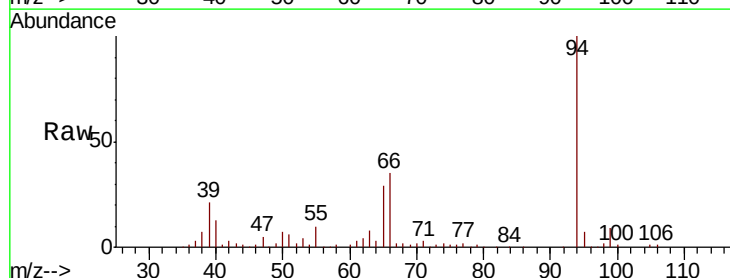
Tgt Ion: 94 Resp: 290081

Ion Ratio Lower Upper

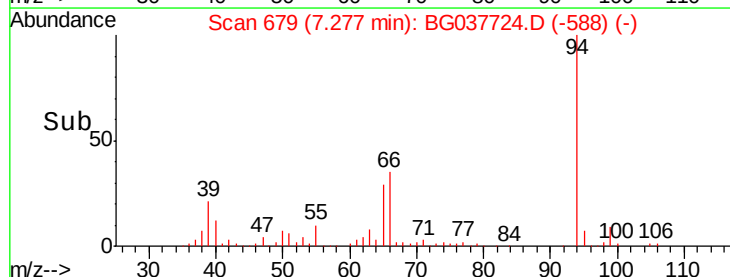
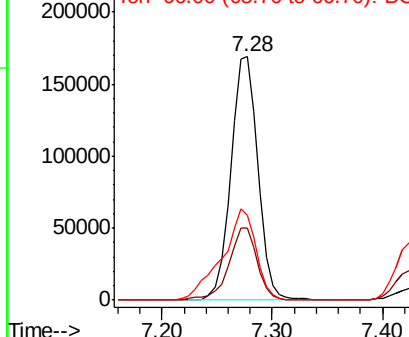
94 100

65 29.4 9.7 49.7

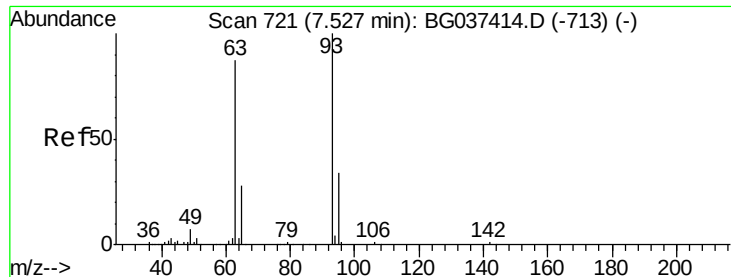
66 34.7 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC







#11

bis(2-Chloroethyl)ether

Concen: 42.174 ng

RT: 7.52 min Scan# 720

Delta R.T. -0.01 min

Lab File: BG037724.D

Acq: 1 Nov 2018 18:31

Instrument :

BNA\_G

ClientSampleId :

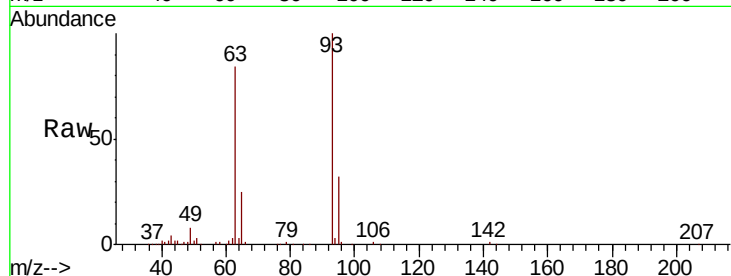
Tot Ion: 93 Resp: 171810

Ion Ratio Lower Upper

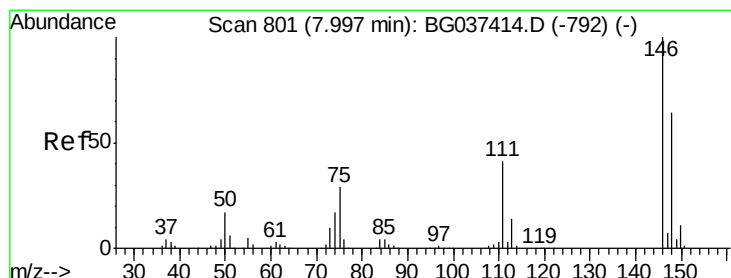
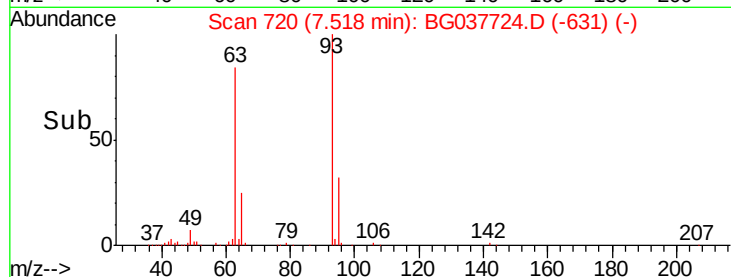
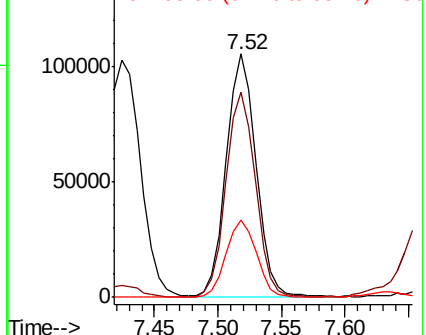
93 100

63 84.1 69.5 109.5

95 31.6 12.6 52.6



Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 40.251 ng

RT: 7.98 min Scan# 799

Delta R.T. -0.01 min

Lab File: BG037724.D

Acq: 1 Nov 2018 18:31

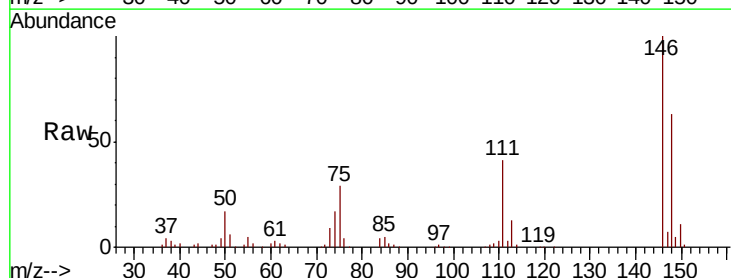
Tgt Ion: 146 Resp: 176237

Ion Ratio Lower Upper

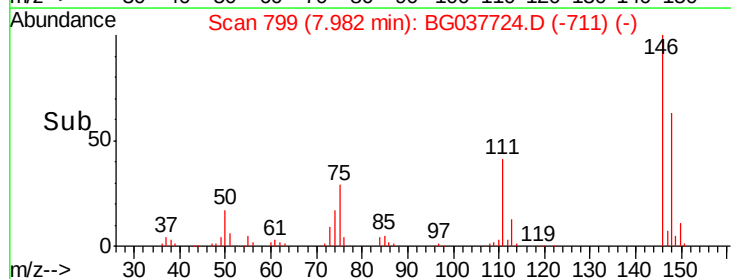
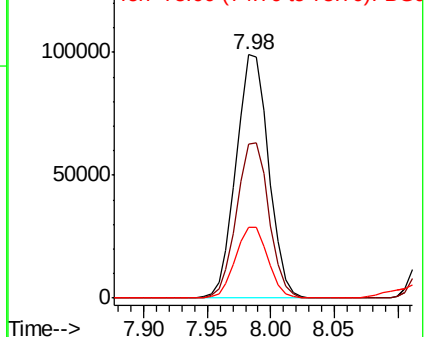
146 100

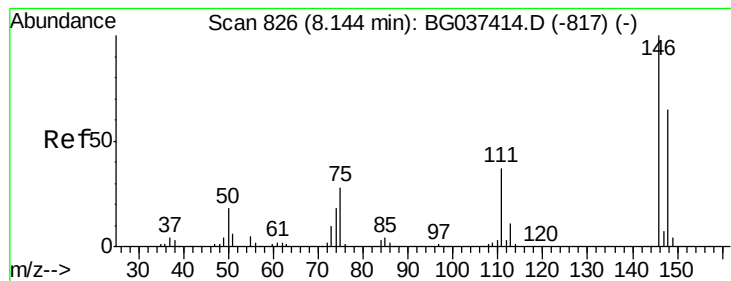
148 63.0 49.8 74.8

75 29.0 23.2 34.8



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): BGC





#13

1,4-Dichlorobenzene

Concen: 40.058 ng

RT: 8.14 min Scan# 825

Delta R.T. -0.01 min

Lab File: BG037724.D

Acq: 1 Nov 2018 18:31

Instrument :

BNA\_G

ClientSampled :

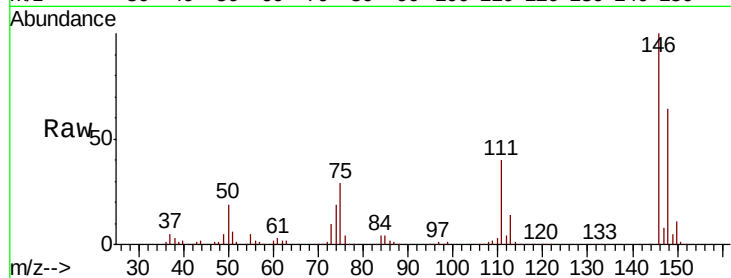
Tot Ion:146 Resp: 179409

Ion Ratio Lower Upper

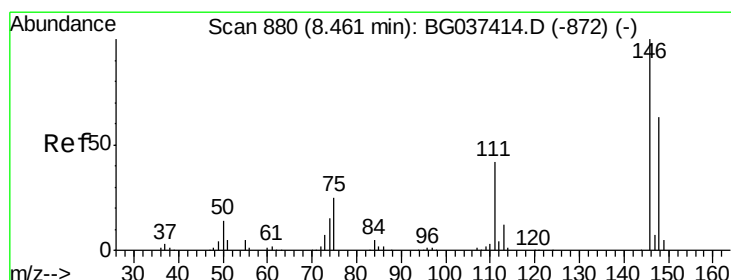
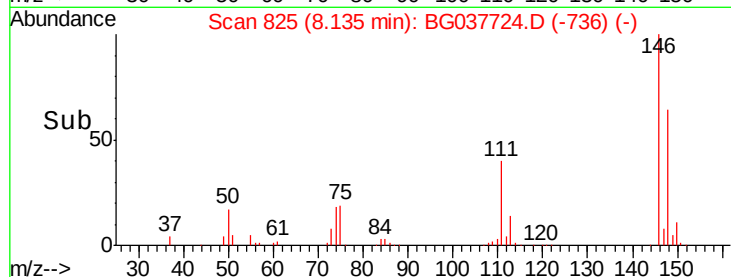
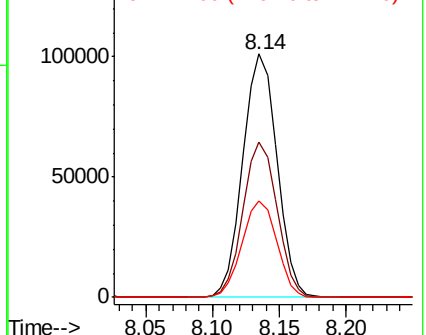
146 100

148 63.8 51.0 76.6

111 39.8 32.4 48.6



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: 40.118 ng

RT: 8.45 min Scan# 879

Delta R.T. -0.01 min

Lab File: BG037724.D

Acq: 1 Nov 2018 18:31

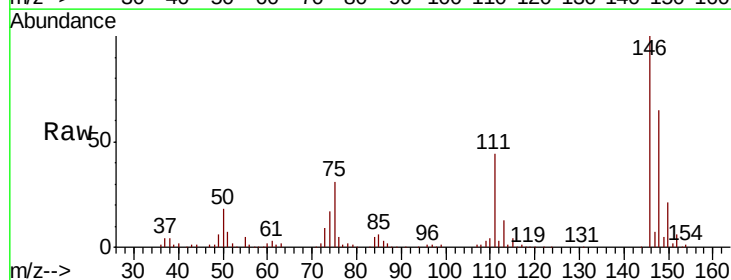
Tgt Ion:146 Resp: 172841

Ion Ratio Lower Upper

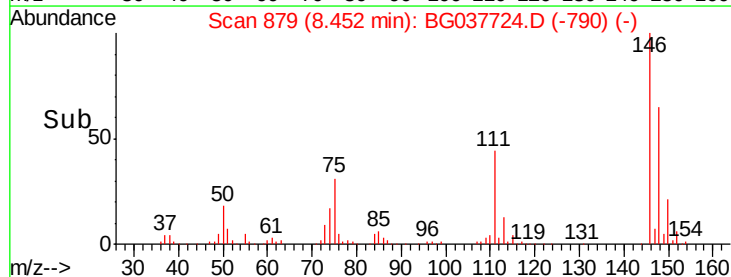
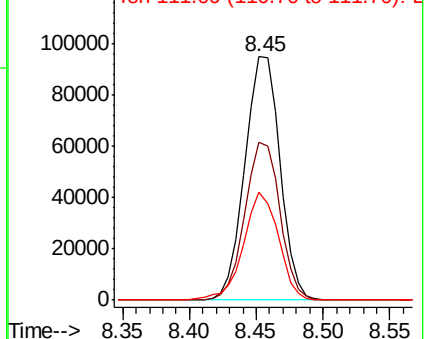
146 100

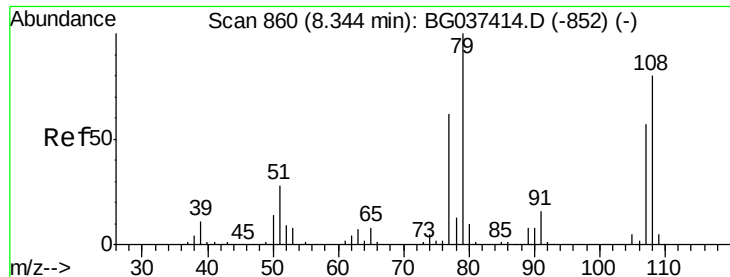
148 64.7 50.4 75.6

111 44.4 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 45.729 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG037724.D

Acq: 1 Nov 2018 18:31

Instrument :

BNA\_G

ClientSampleId :

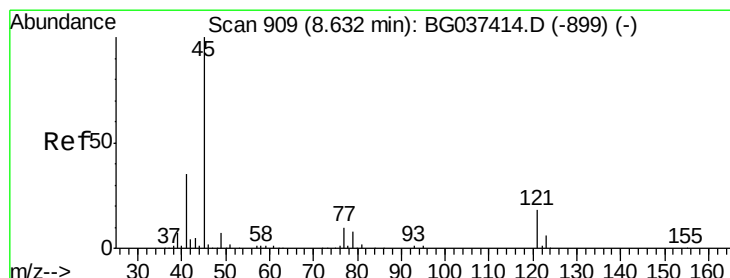
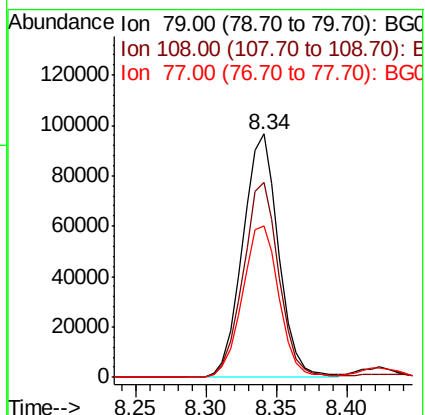
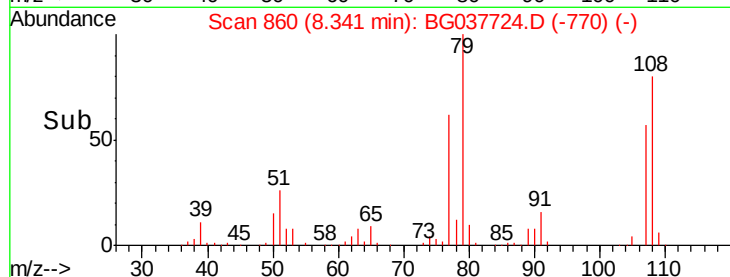
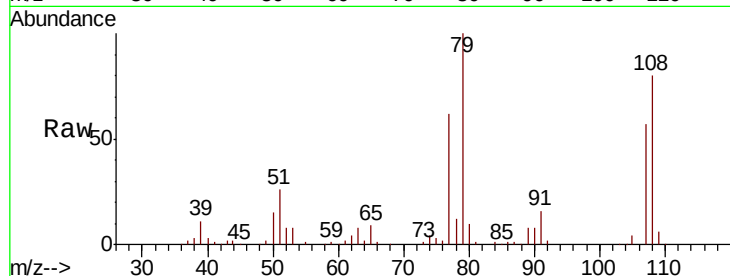
Tot Ion: 79 Resp: 171775

Ion Ratio Lower Upper

79 100

108 80.3 65.8 98.8

77 62.3 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.926 ng

RT: 8.62 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG037724.D

Acq: 1 Nov 2018 18:31

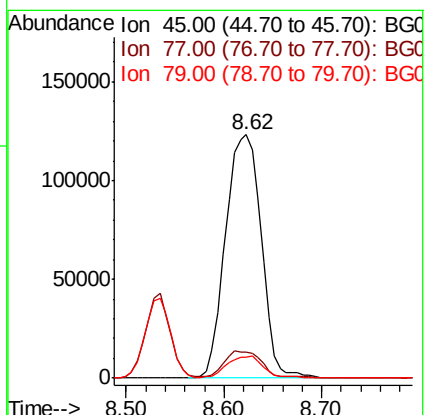
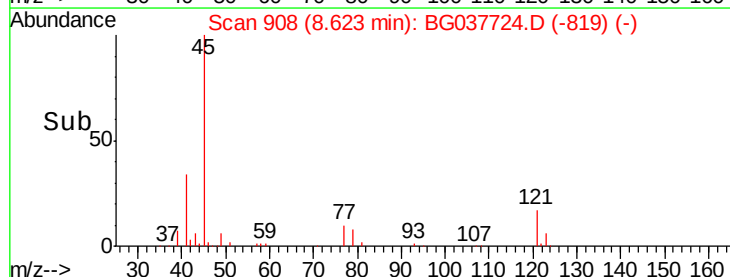
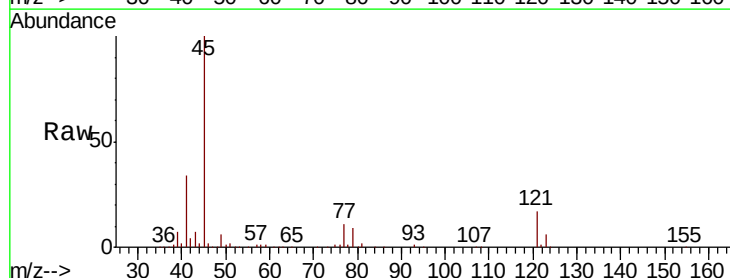
Tgt Ion: 45 Resp: 312902

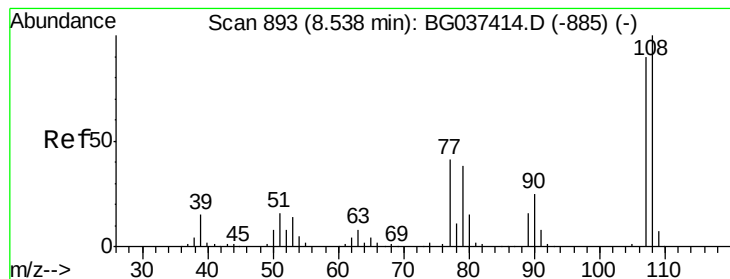
Ion Ratio Lower Upper

45 100

77 10.7 0.0 30.0

79 8.6 0.0 29.0

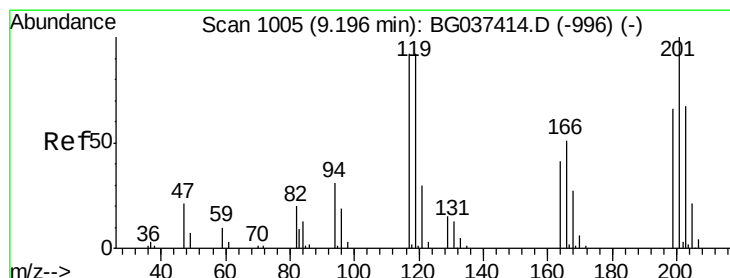
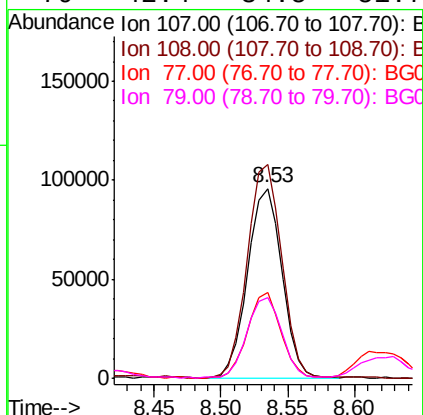
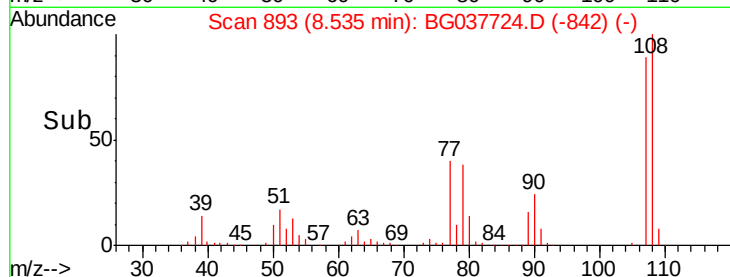
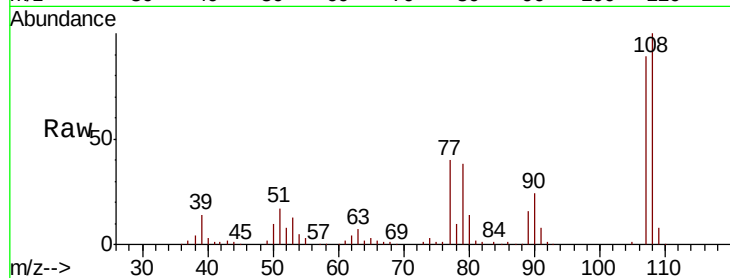




#17  
2-Methylphenol  
Concen: 48.123 ng  
RT: 8.53 min Scan# 893  
Delta R.T. -0.00 min  
Lab File: BG037724.D  
Acq: 1 Nov 2018 18:31

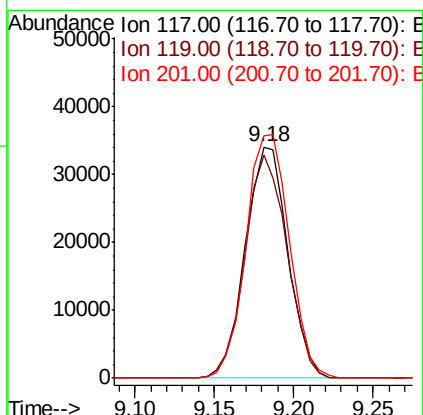
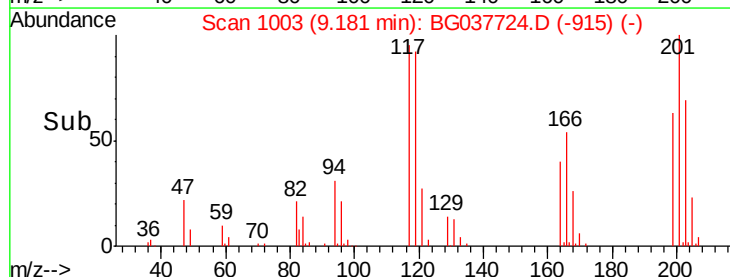
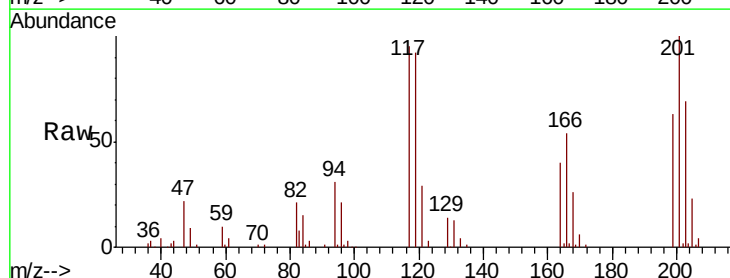
Instrument :  
BNA\_G  
ClientSampleId :

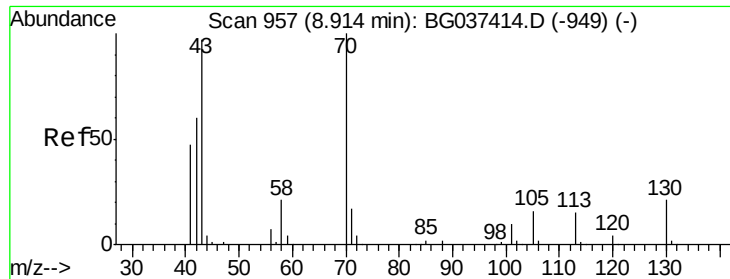
Tot Ion:107 Resp: 170650  
Ion Ratio Lower Upper  
107 100  
108 112.4 87.9 131.9  
77 44.9 35.1 52.7  
79 42.4 34.5 51.7



#18  
Hexachloroethane  
Concen: 41.786 ng  
RT: 9.18 min Scan# 1003  
Delta R.T. -0.01 min  
Lab File: BG037724.D  
Acq: 1 Nov 2018 18:31

Tgt Ion:117 Resp: 63803  
Ion Ratio Lower Upper  
117 100  
119 96.9 74.6 111.8  
201 104.8 80.8 121.2

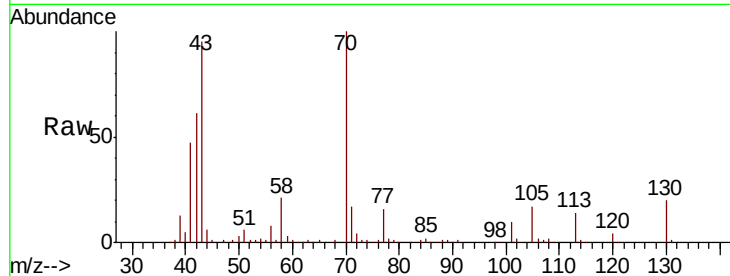




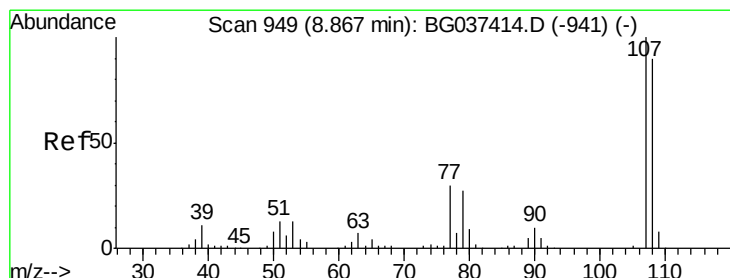
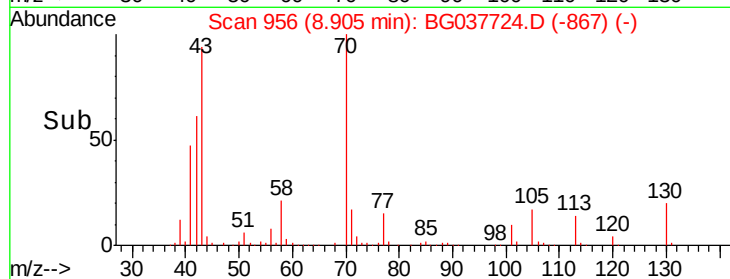
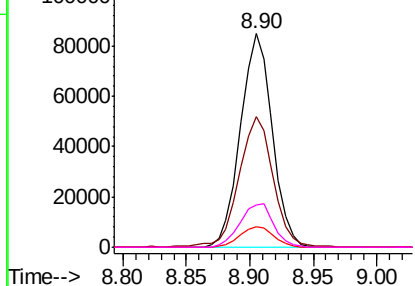
#19  
n-Nitroso-di-n-propylamine  
Concen: 42.231 ng  
RT: 8.90 min Scan# 956  
Delta R.T. -0.01 min  
Lab File: BG037724.D  
Acq: 1 Nov 2018 18:31

Instrument :  
BNA\_G  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 147839 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 61.2  | 53.9  | 80.9   |
| 101      | 9.5   | 8.2   | 12.2   |
| 130      | 19.8  | 18.2  | 27.4   |

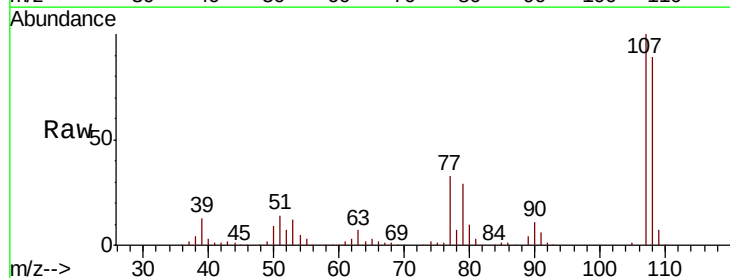


Abundance Ion 70.00 (69.70 to 70.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 101.00 (100.70 to 101.70): BGC  
Ion 130.00 (129.70 to 130.70): BGC

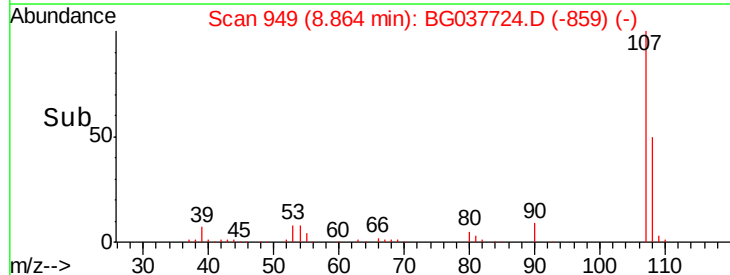
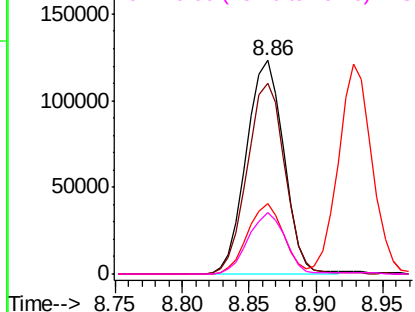


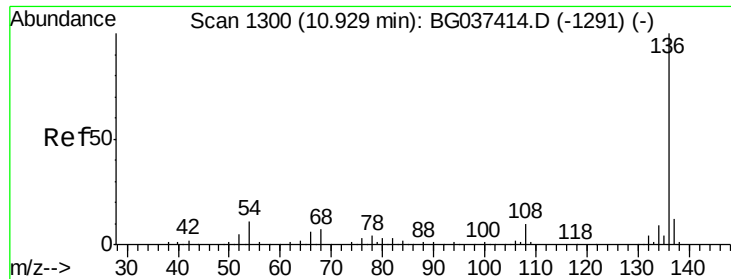
#20  
3+4-Methylphenols  
Concen: 47.225 ng  
RT: 8.86 min Scan# 949  
Delta R.T. -0.00 min  
Lab File: BG037724.D  
Acq: 1 Nov 2018 18:31

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 239430 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 89.2  | 69.9  | 109.9  |
| 77       | 32.7  | 11.2  | 51.2   |
| 79       | 28.6  | 6.6   | 46.6   |



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

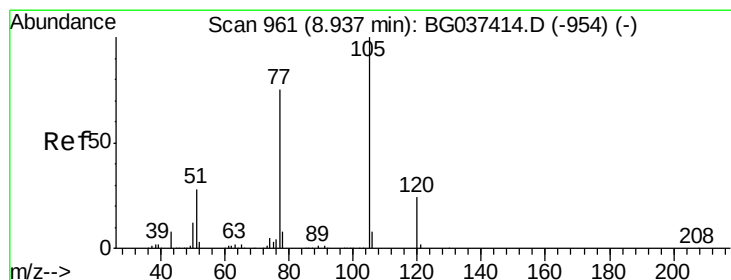
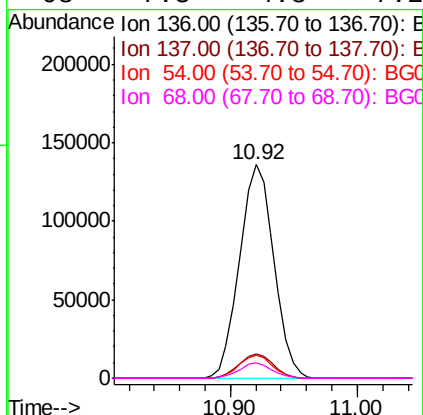
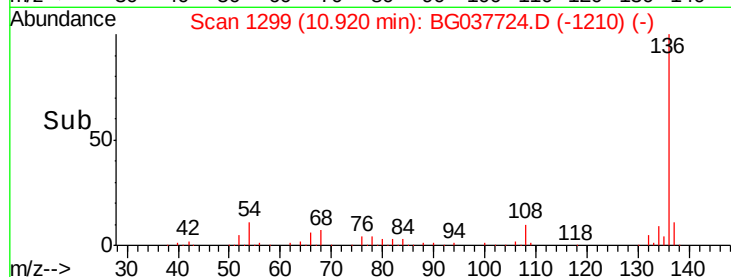
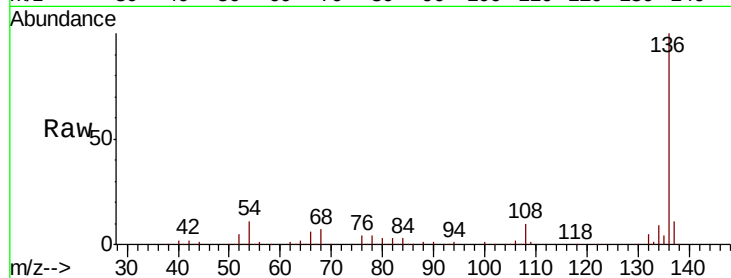




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.92 min Scan# 1299  
Delta R.T. -0.01 min  
Lab File: BG037724.D  
Acq: 1 Nov 2018 18:31

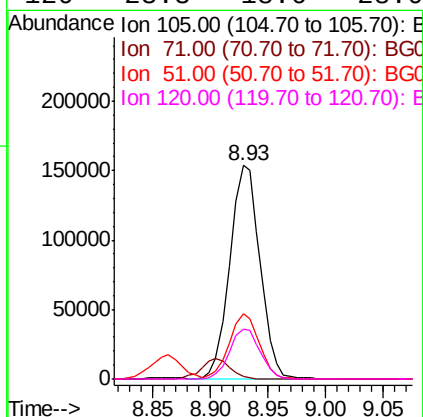
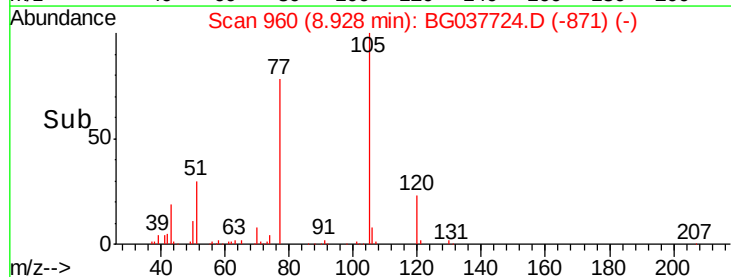
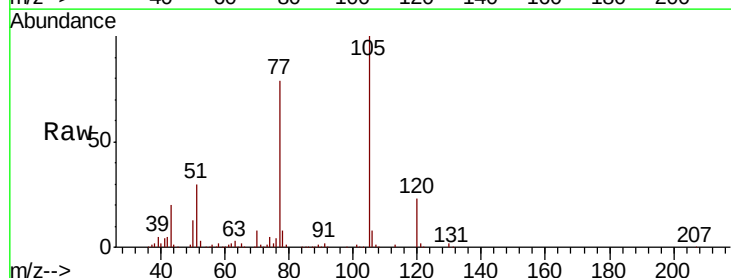
Instrument :  
BNA\_G  
ClientSampleId :

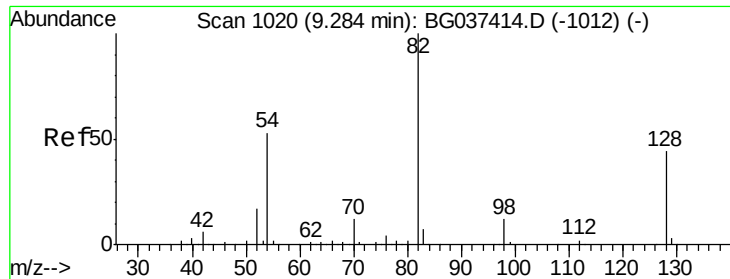
|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 255180   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.4  | 9.6 14.4 |
| 54          | 10.8  | 7.9 11.9 |
| 68          | 7.3   | 4.8 7.2# |



#22  
Acetophenone  
Concen: 43.301 ng  
RT: 8.93 min Scan# 960  
Delta R.T. -0.01 min  
Lab File: BG037724.D  
Acq: 1 Nov 2018 18:31

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 277115    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 1.0   | 1.2 1.8#  |
| 51          | 30.5  | 25.0 37.6 |
| 120         | 23.3  | 18.6 28.0 |

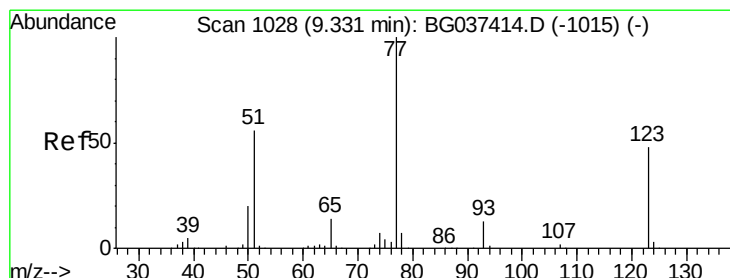
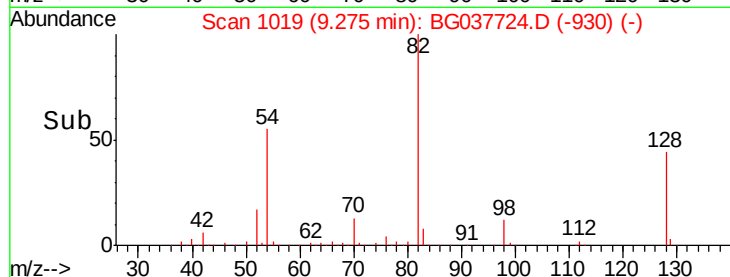
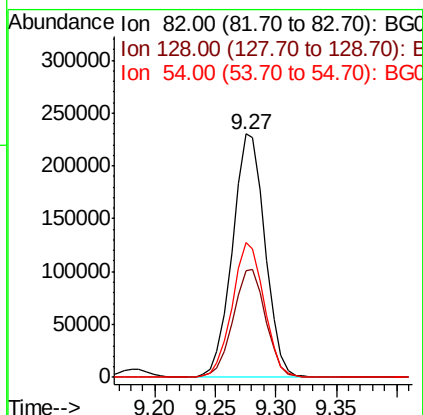
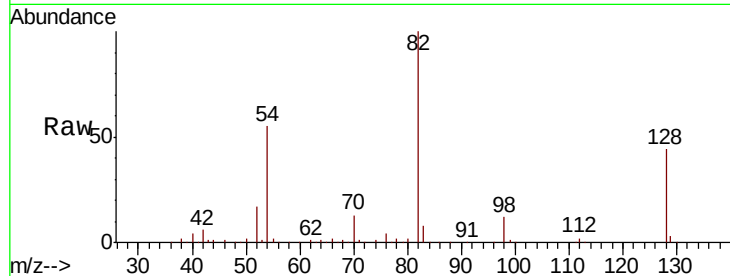




#23  
 Nitrobenzene-d5  
 Concen: 95.102 ng  
 RT: 9.27 min Scan# 1019  
 Delta R.T. -0.01 min  
 Lab File: BG037724.D  
 Acq: 1 Nov 2018 18:31

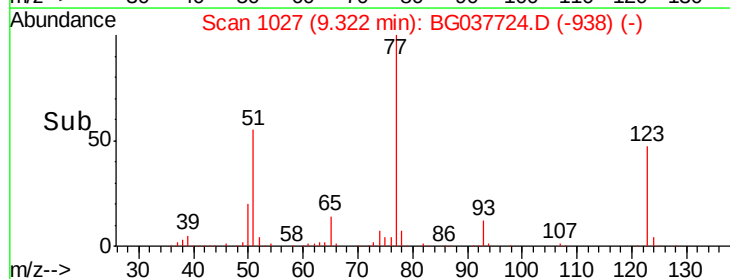
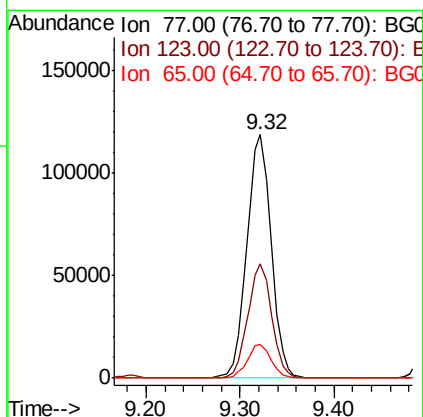
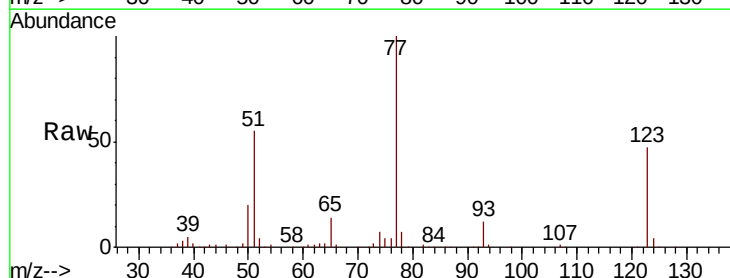
Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion: 82 Resp: 433212  
 Ion Ratio Lower Upper  
 82 100  
 128 43.9 34.6 51.8  
 54 55.2 45.3 67.9

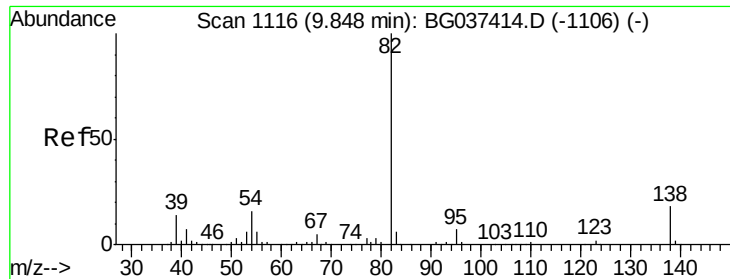


#24  
 Nitrobenzene  
 Concen: 45.187 ng  
 RT: 9.32 min Scan# 1027  
 Delta R.T. -0.01 min  
 Lab File: BG037724.D  
 Acq: 1 Nov 2018 18:31

Tgt Ion: 77 Resp: 213837  
 Ion Ratio Lower Upper  
 77 100  
 123 47.2 33.6 50.4  
 65 14.0 11.3 16.9



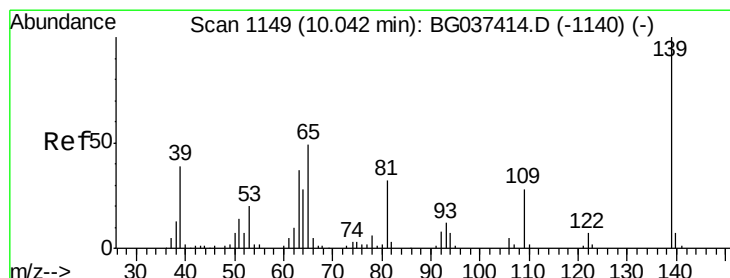
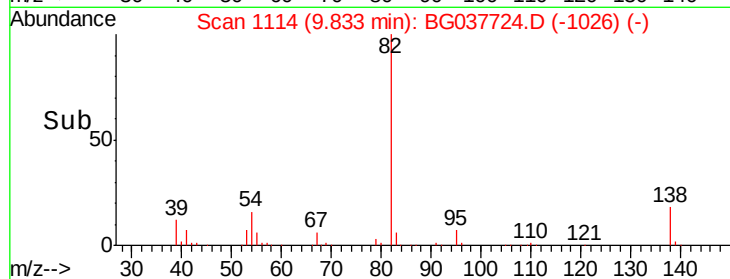
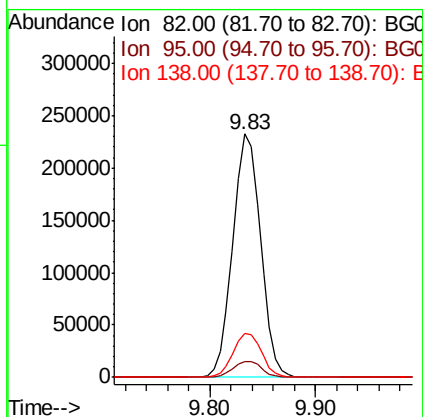
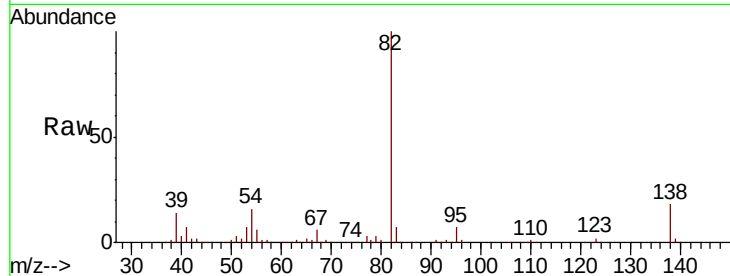




#25  
Isophorone  
Concen: 50.845 ng  
RT: 9.83 min Scan# 1114  
Delta R.T. -0.01 min  
Lab File: BG037724.D  
Acq: 1 Nov 2018 18:31

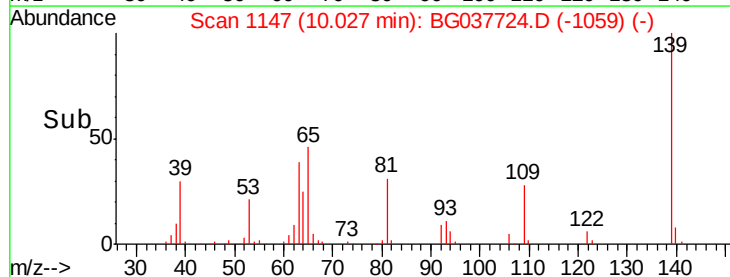
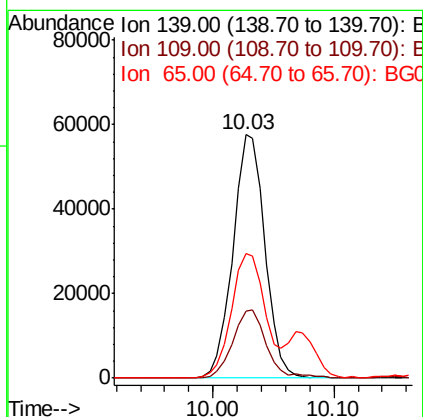
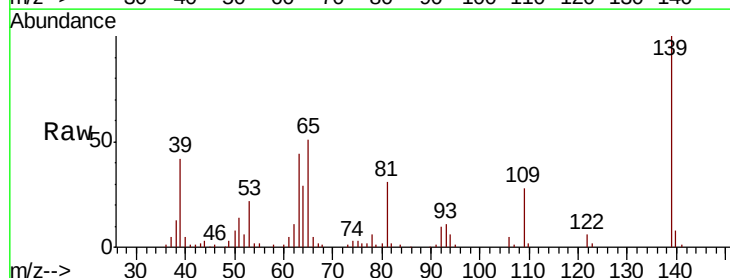
Instrument :  
BNA\_G  
ClientSampleId :

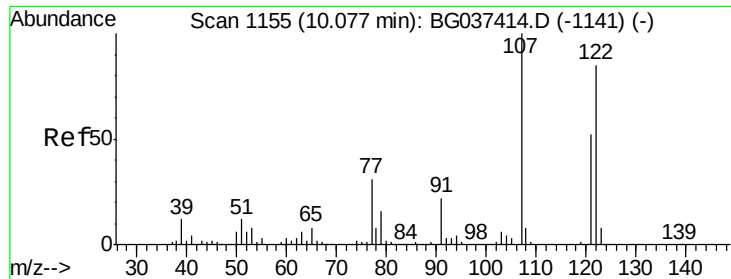
Tot Ion: 82 Resp: 423189  
Ion Ratio Lower Upper  
82 100  
95 6.7 5.3 7.9  
138 18.0 13.3 19.9



#26  
2-Nitrophenol  
Concen: 49.846 ng  
RT: 10.03 min Scan# 1147  
Delta R.T. -0.01 min  
Lab File: BG037724.D  
Acq: 1 Nov 2018 18:31

Tgt Ion: 139 Resp: 106264  
Ion Ratio Lower Upper  
139 100  
109 27.8 23.3 34.9  
65 51.3 39.8 59.8

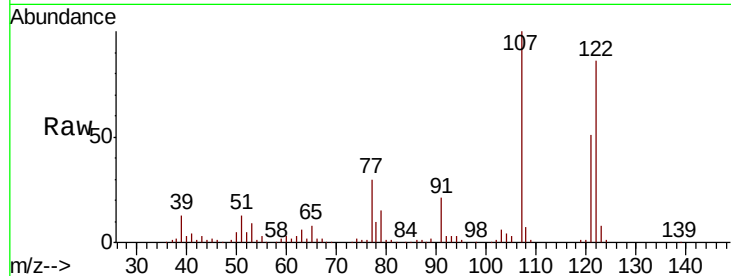




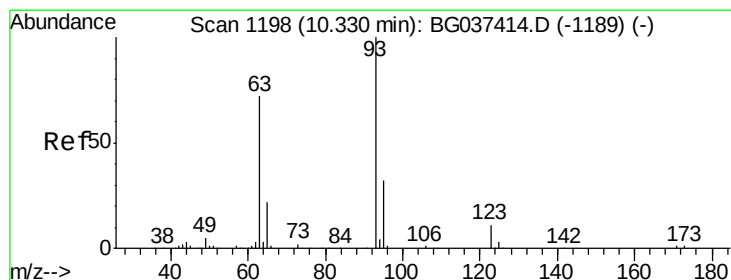
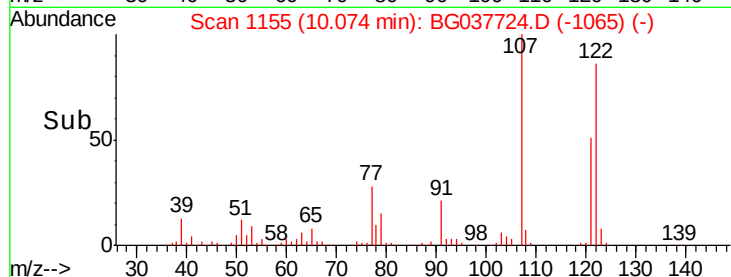
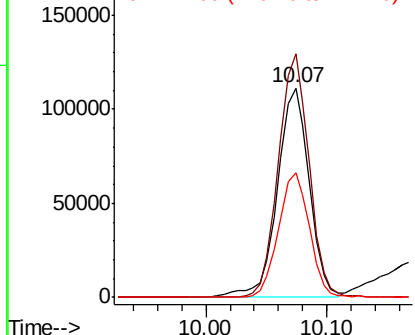
#27  
2,4-Dimethylphenol  
Concen: 53.252 ng  
RT: 10.07 min Scan# 1155  
Delta R.T. -0.00 min  
Lab File: BG037724.D  
Acq: 1 Nov 2018 18:31

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:122 Resp: 202696  
Ion Ratio Lower Upper  
122 100  
107 116.3 94.2 141.2  
121 59.5 47.3 70.9

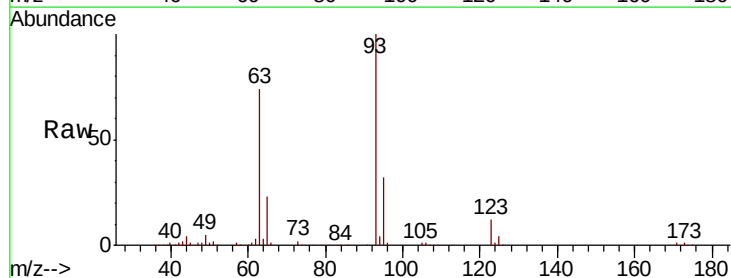


Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 107.00 (106.70 to 107.70): E  
Ion 121.00 (120.70 to 121.70): E

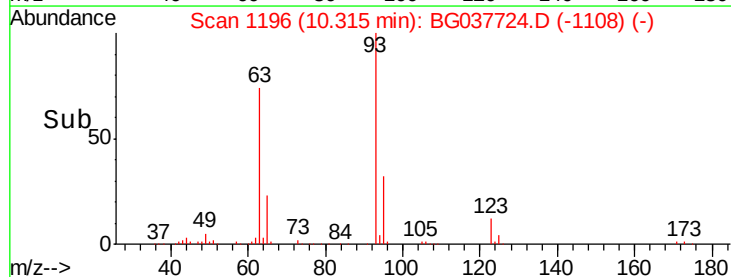
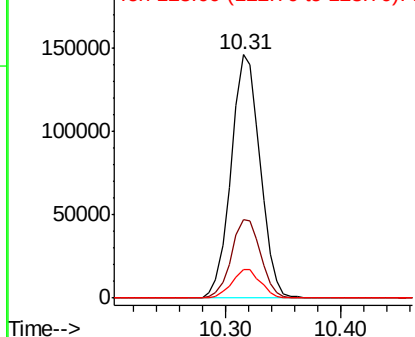


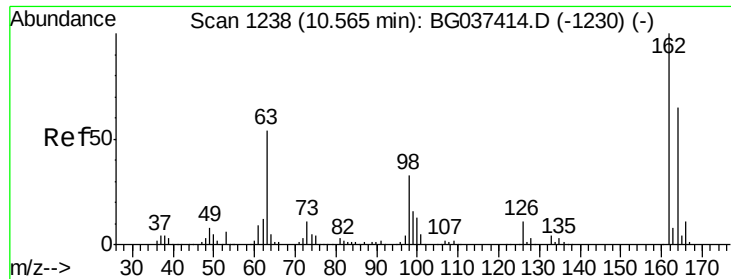
#28  
bis(2-Chloroethoxy)methane  
Concen: 46.503 ng  
RT: 10.31 min Scan# 1196  
Delta R.T. -0.01 min  
Lab File: BG037724.D  
Acq: 1 Nov 2018 18:31

Tgt Ion: 93 Resp: 253591  
Ion Ratio Lower Upper  
93 100  
95 32.2 24.6 37.0  
123 11.8 9.1 13.7



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): E

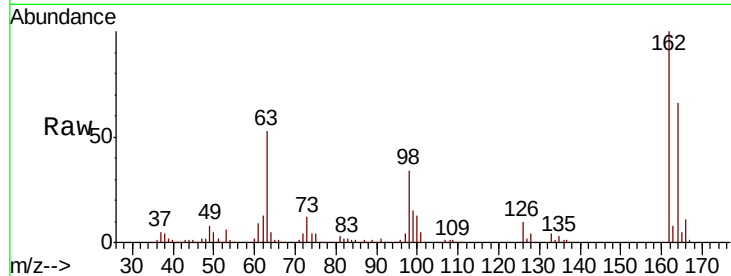




#29  
 2,4-Dichlorophenol  
 Concen: 48.400 ng  
 RT: 10.56 min Scan# 1238  
 Delta R.T. -0.00 min  
 Lab File: BG037724.D  
 Acq: 1 Nov 2018 18:31

Instrument :  
 BNA\_G  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.7  | 43.2  | 83.2  |
| 98      | 33.9  | 16.0  | 56.0  |

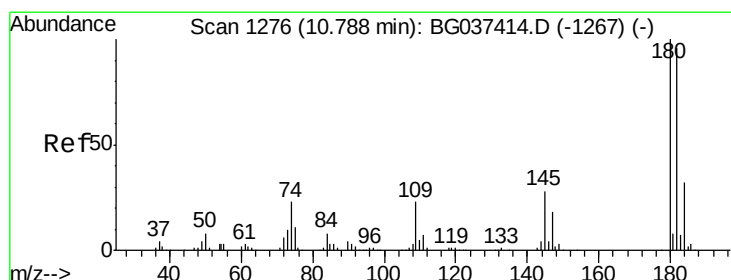
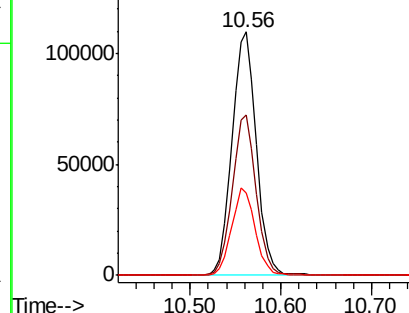
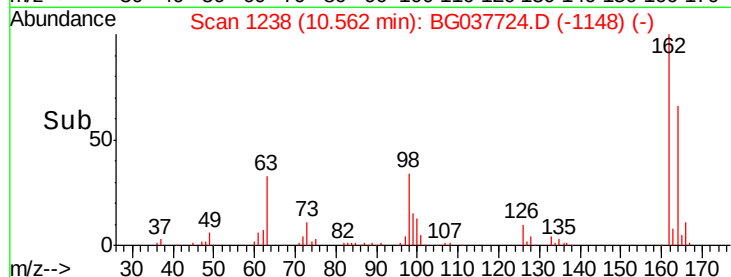


Abundance

Ion 162.00 (161.70 to 162.70): E

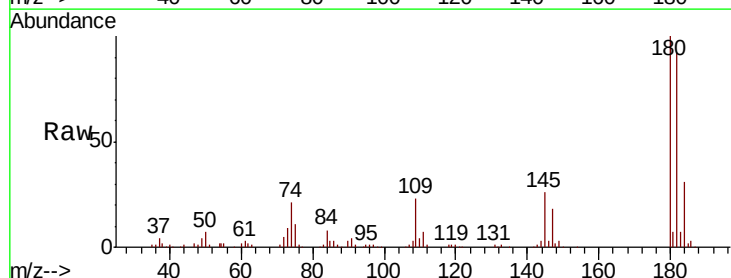
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30  
 1,2,4-Trichlorobenzene  
 Concen: 42.218 ng  
 RT: 10.78 min Scan# 1275  
 Delta R.T. -0.01 min  
 Lab File: BG037724.D  
 Acq: 1 Nov 2018 18:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 92.4  | 77.7  | 116.5 |
| 145     | 26.4  | 23.3  | 34.9  |

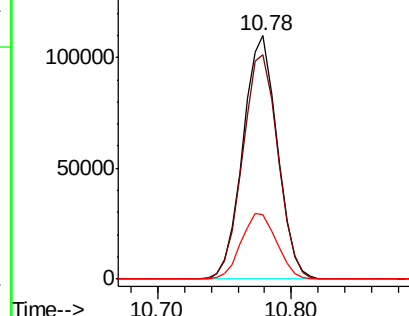
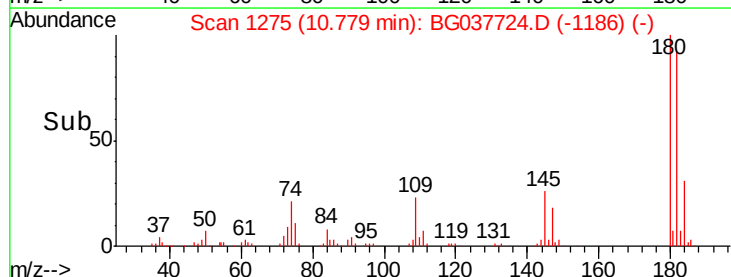


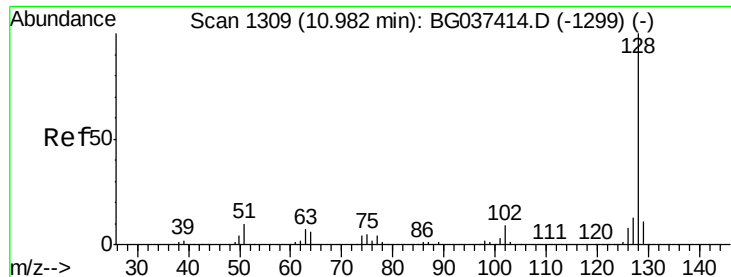
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

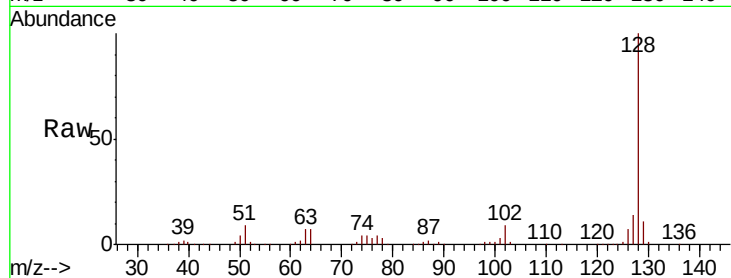




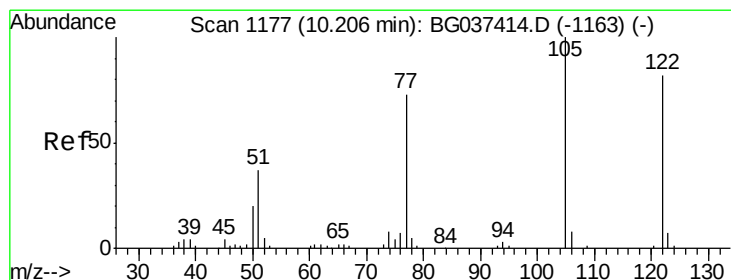
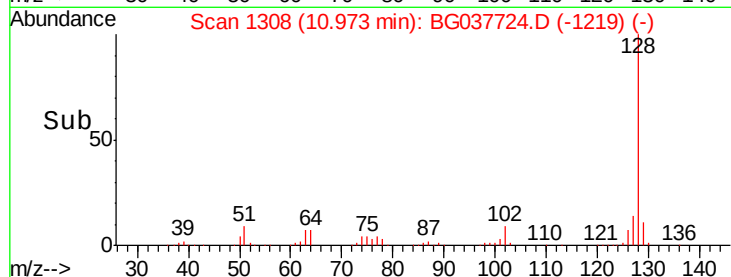
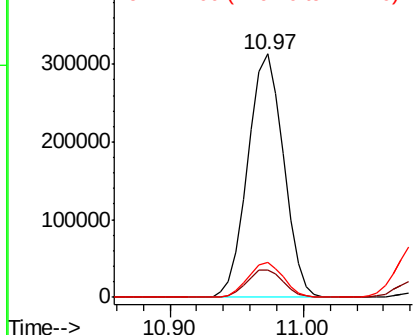
#31  
Naphthalene  
Concen: 46.334 ng  
RT: 10.97 min Scan# 1308  
Delta R.T. -0.01 min  
Lab File: BG037724.D  
Acq: 1 Nov 2018 18:31

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:128 Resp: 580739  
Ion Ratio Lower Upper  
128 100  
129 11.2 9.0 13.6  
127 14.2 11.1 16.7

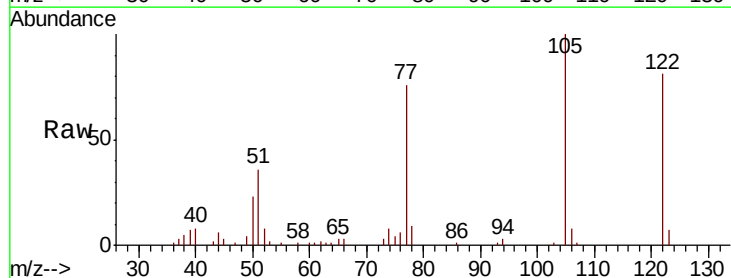


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

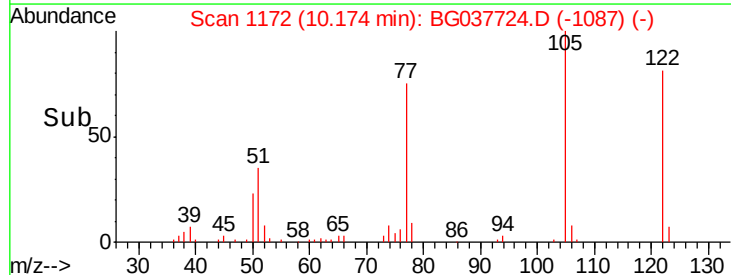
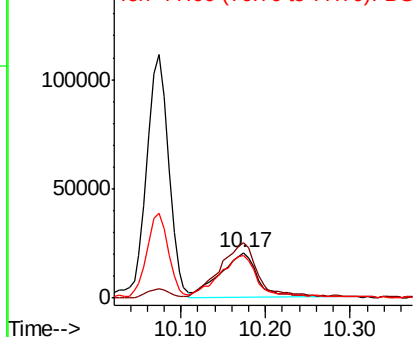


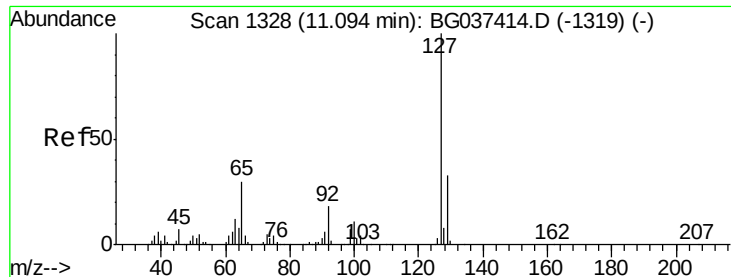
#32  
Benzoic acid  
Concen: 25.601 ng  
RT: 10.17 min Scan# 1172  
Delta R.T. -0.03 min  
Lab File: BG037724.D  
Acq: 1 Nov 2018 18:31

Tgt Ion:122 Resp: 63293  
Ion Ratio Lower Upper  
122 100  
105 122.9 106.7 146.7  
77 92.9 72.2 112.2



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BGO

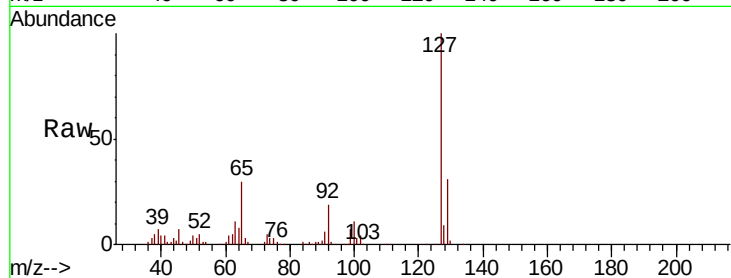




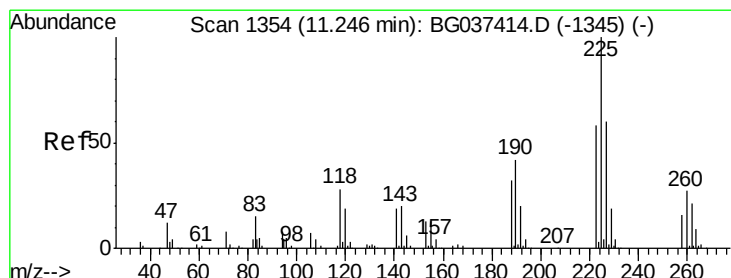
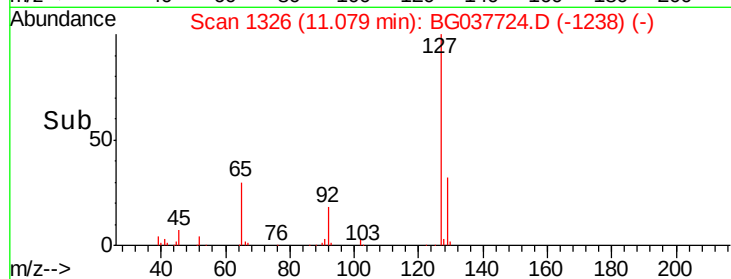
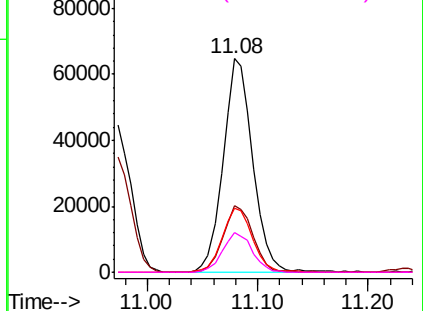
#33  
4-Chloroaniline  
Concen: 20.551 ng  
RT: 11.08 min Scan# 1326  
Delta R.T. -0.01 min  
Lab File: BG037724.D  
Acq: 1 Nov 2018 18:31

Instrument :  
BNA\_G  
ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 121026 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.5  | 27.1  | 40.7   |
| 65       | 30.2  | 26.6  | 39.8   |
| 92       | 18.8  | 16.4  | 24.6   |

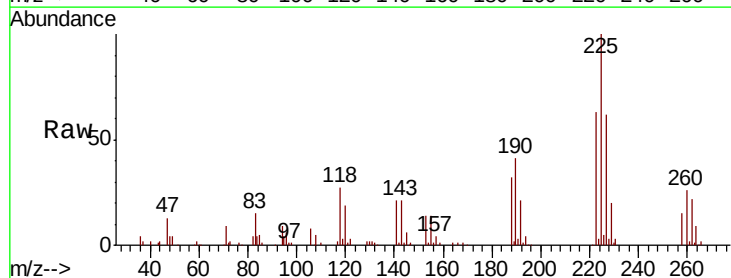


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

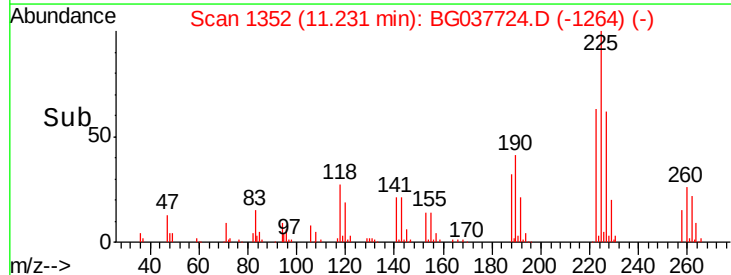
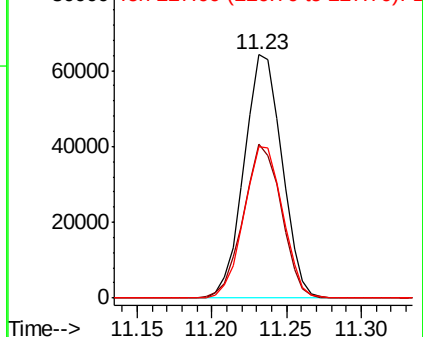


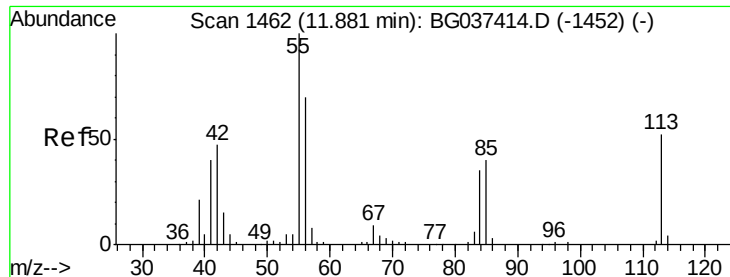
#34  
Hexachlorobutadiene  
Concen: 41.285 ng  
RT: 11.23 min Scan# 1352  
Delta R.T. -0.01 min  
Lab File: BG037724.D  
Acq: 1 Nov 2018 18:31

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 112770 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 60.0  | 48.2  | 72.4   |
| 227      | 62.0  | 51.6  | 77.4   |



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

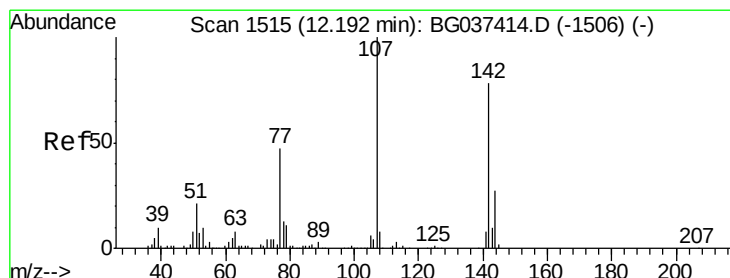
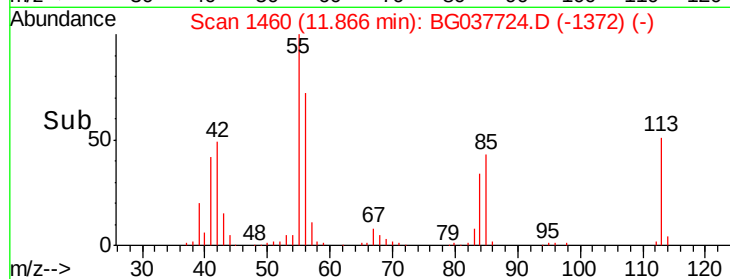
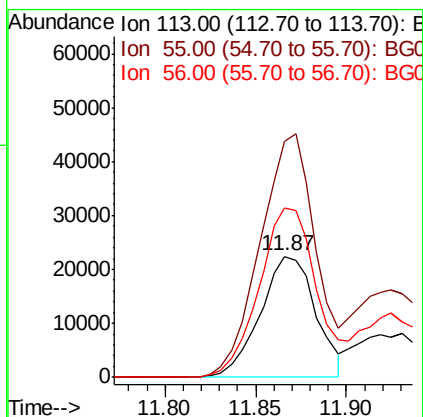
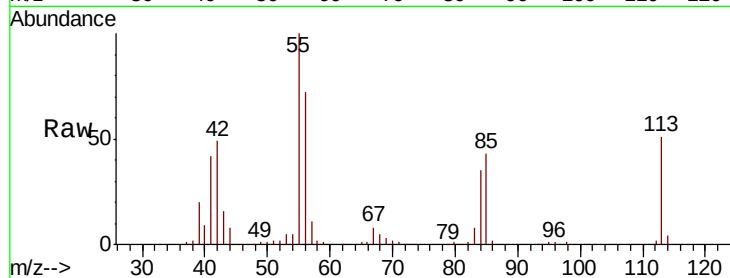




#35  
 Caprolactam  
 Concen: 28.113 ng  
 RT: 11.87 min Scan# 1460  
 Delta R.T. -0.01 min  
 Lab File: BG037724.D  
 Acq: 1 Nov 2018 18:31

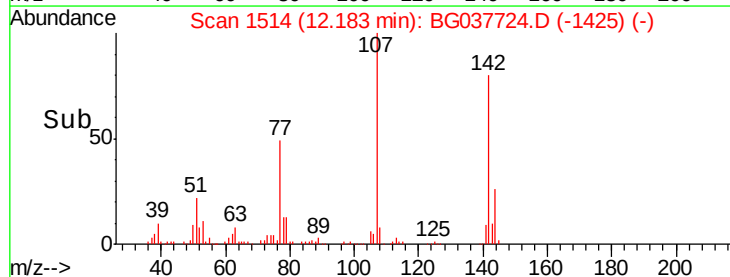
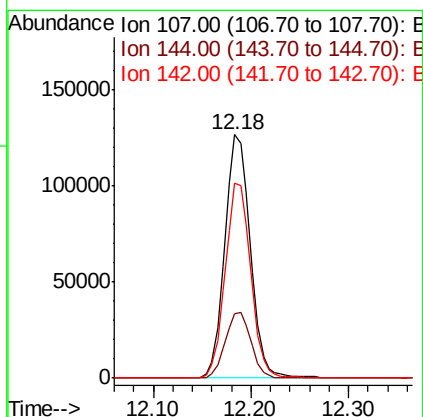
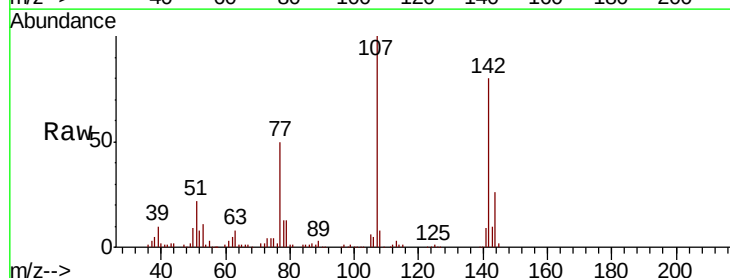
Instrument :  
 BNA\_G  
 ClientSampleId :

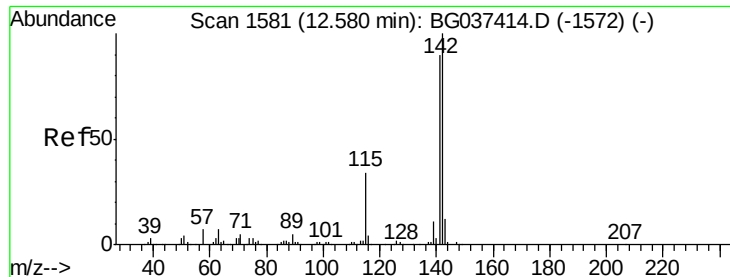
Tot Ion:113 Resp: 47783  
 Ion Ratio Lower Upper  
 113 100  
 55 194.2 176.6 216.6  
 56 139.9 128.3 168.3



#36  
 4-Chloro-3-methylphenol  
 Concen: 48.156 ng  
 RT: 12.18 min Scan# 1514  
 Delta R.T. -0.01 min  
 Lab File: BG037724.D  
 Acq: 1 Nov 2018 18:31

Tgt Ion:107 Resp: 230161  
 Ion Ratio Lower Upper  
 107 100  
 144 26.3 20.7 31.1  
 142 79.8 64.4 96.6

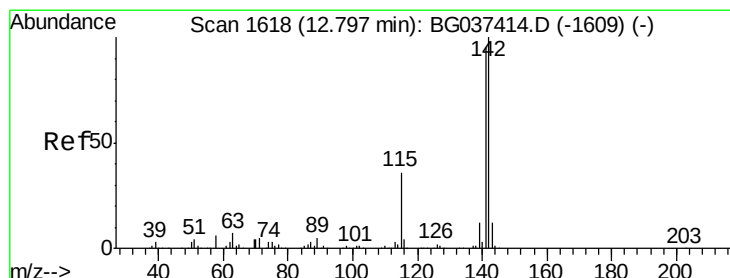
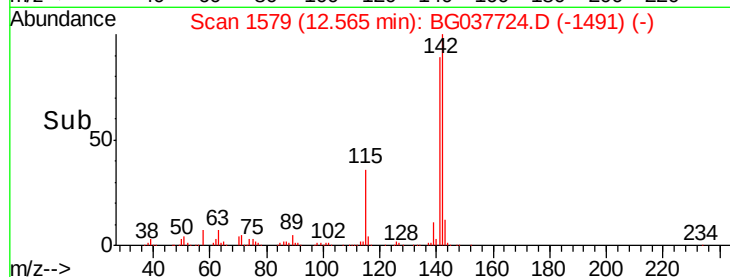
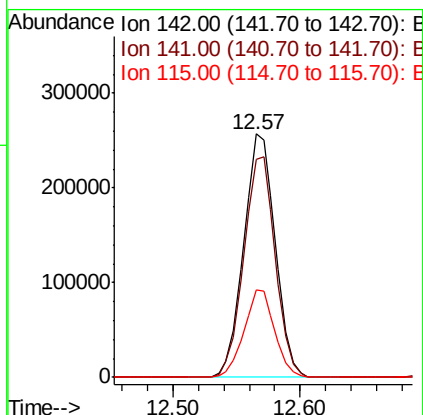
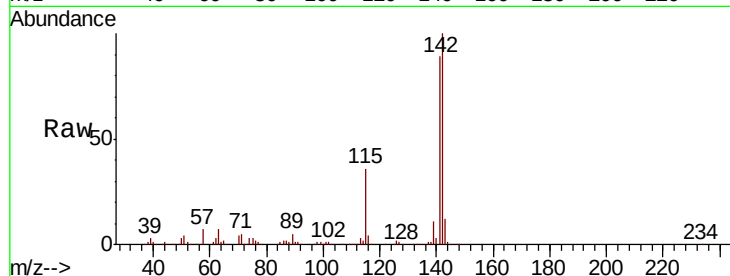




#37  
2-Methylnaphthalene  
Concen: 48.601 ng  
RT: 12.57 min Scan# 1579  
Delta R.T. -0.01 min  
Lab File: BG037724.D  
Acq: 1 Nov 2018 18:31

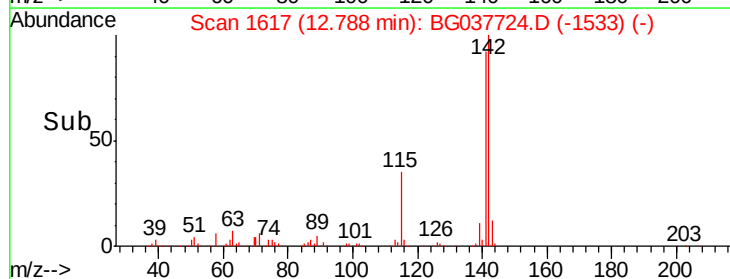
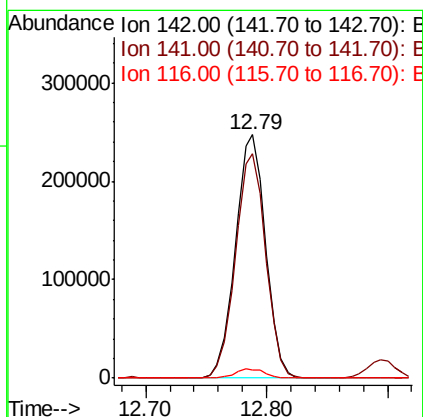
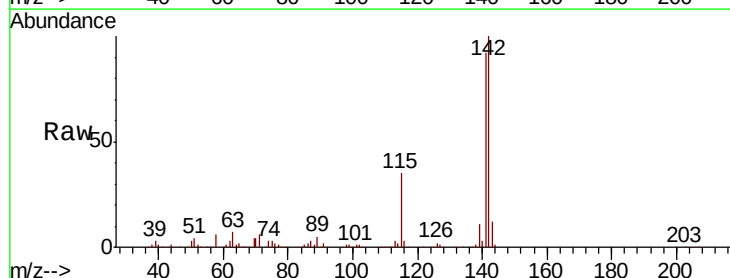
Instrument :  
BNA\_G  
ClientSampleId :

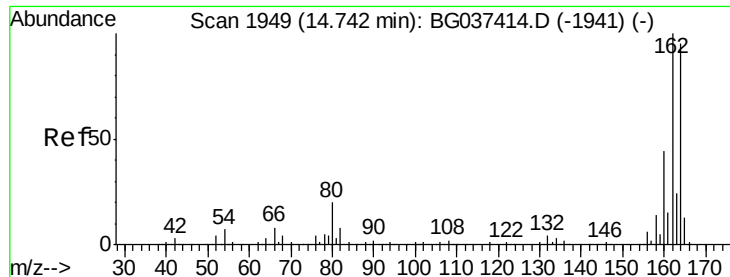
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.3  | 71.9  | 107.9 |
| 115     | 36.2  | 27.8  | 41.8  |



#38  
1-Methylnaphthalene  
Concen: 48.249 ng  
RT: 12.79 min Scan# 1617  
Delta R.T. -0.01 min  
Lab File: BG037724.D  
Acq: 1 Nov 2018 18:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.2  | 75.2  | 112.8 |
| 116     | 3.4   | 3.3   | 4.9   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037724.D

Acq: 1 Nov 2018 18:31

Instrument :

BNA\_G

ClientSampleId :

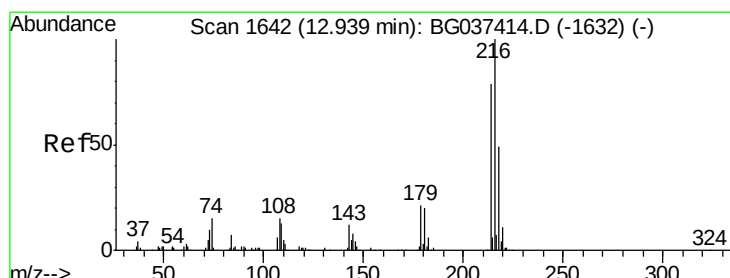
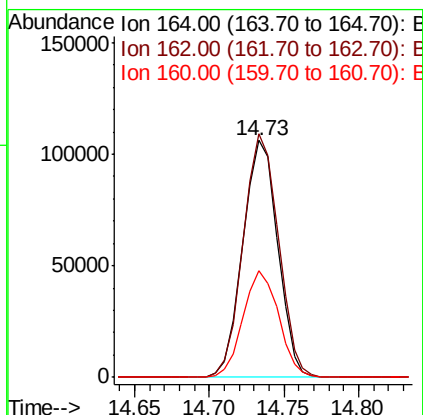
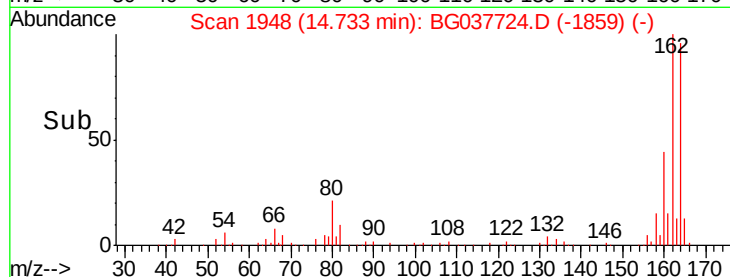
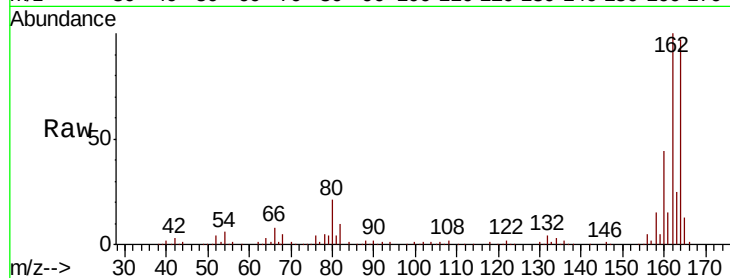
Tot Ion:164 Resp: 171649

Ion Ratio Lower Upper

164 100

162 102.7 81.3 121.9

160 45.0 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.451 ng

RT: 12.93 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG037724.D

Acq: 1 Nov 2018 18:31

Tgt Ion:216 Resp: 229496

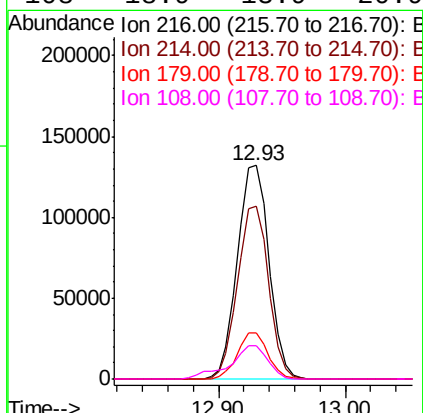
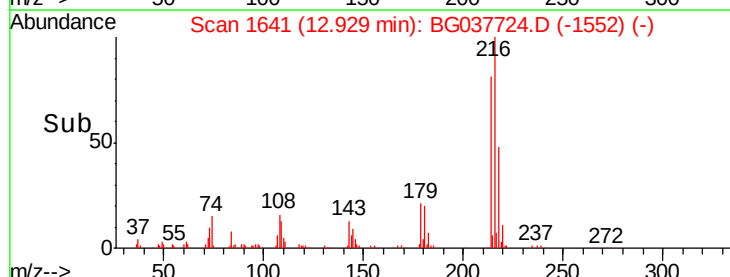
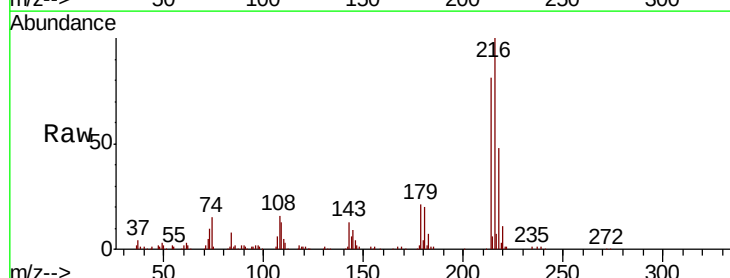
Ion Ratio Lower Upper

216 100

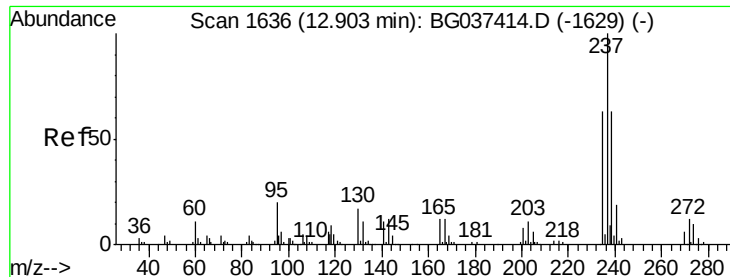
214 79.3 63.8 95.6

179 20.8 17.4 26.0

108 18.9 13.9 20.9







#41

Hexachlorocyclopentadiene

Concen: 96.990 ng

RT: 12.89 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BG037724.D

Acq: 1 Nov 2018 18:31

Instrument :

BNA\_G

ClientSampleId :

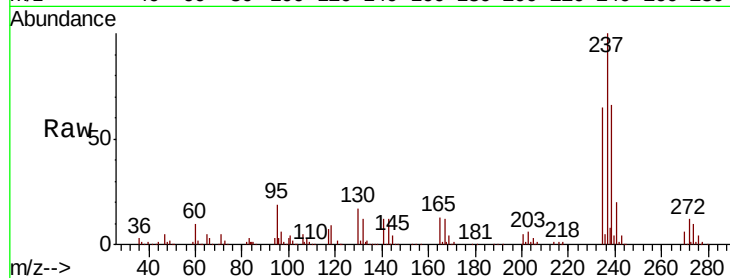
Tot Ion:237 Resp: 256510

Ion Ratio Lower Upper

237 100

235 65.0 42.5 82.5

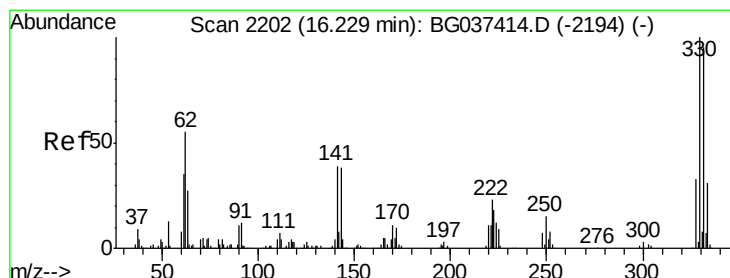
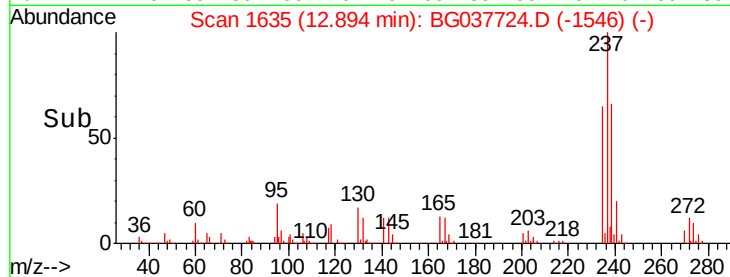
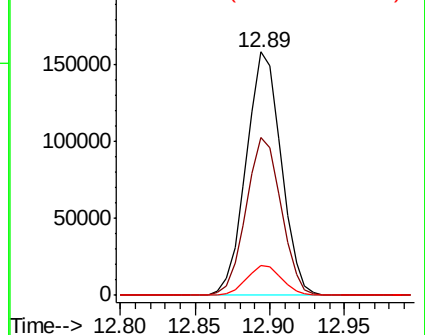
272 12.2 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 142.826 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037724.D

Acq: 1 Nov 2018 18:31

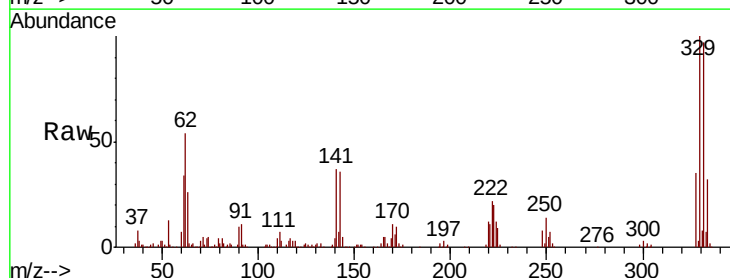
Tgt Ion:330 Resp: 267392

Ion Ratio Lower Upper

330 100

332 95.8 78.4 117.6

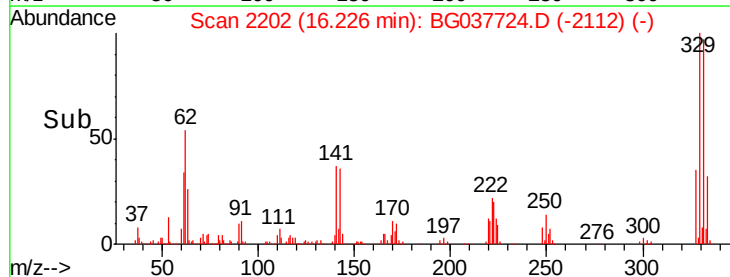
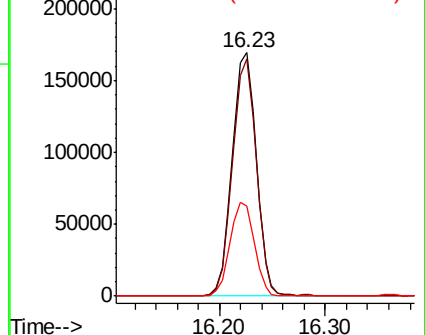
141 38.9 32.2 48.2

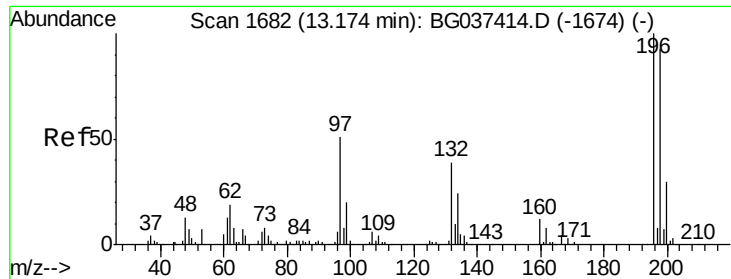


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

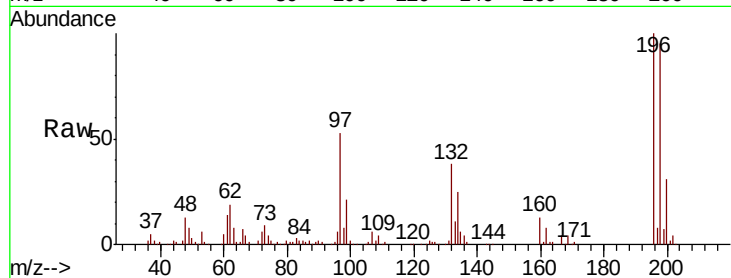




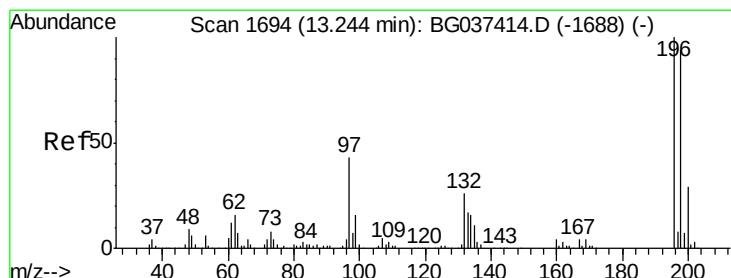
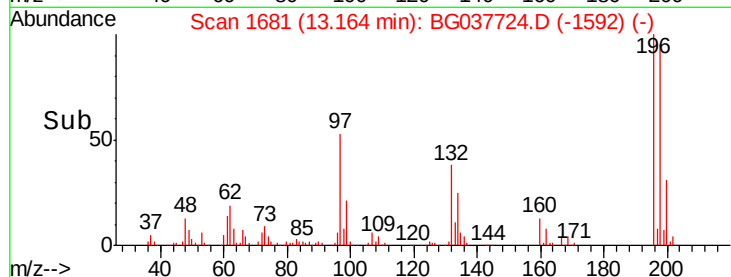
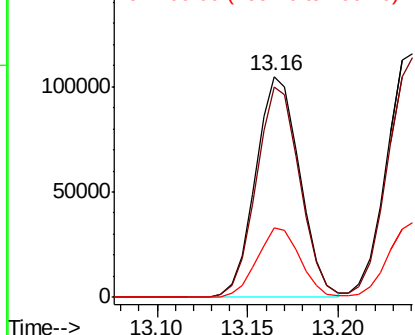
#43  
 2,4,6-Trichlorophenol  
 Concen: 47.803 ng  
 RT: 13.16 min Scan# 1681  
 Delta R.T. -0.01 min  
 Lab File: BG037724.D  
 Acq: 1 Nov 2018 18:31

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:196 Resp: 176820  
 Ion Ratio Lower Upper  
 196 100  
 198 95.1 76.4 114.6  
 200 31.2 24.9 37.3

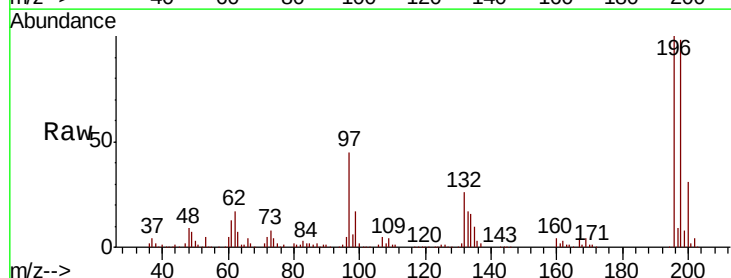


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

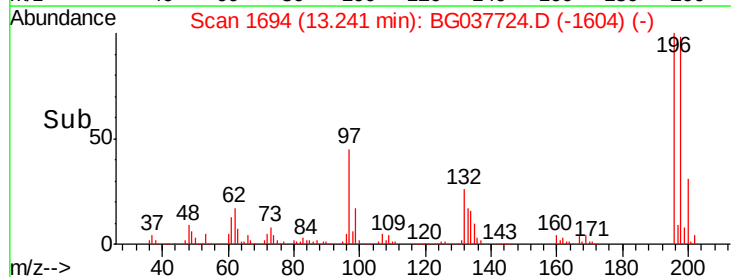
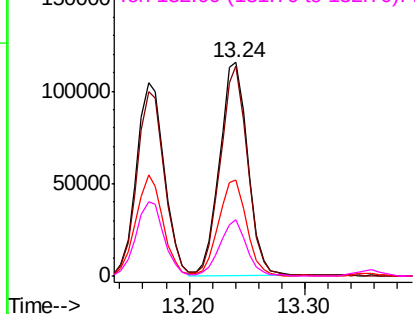


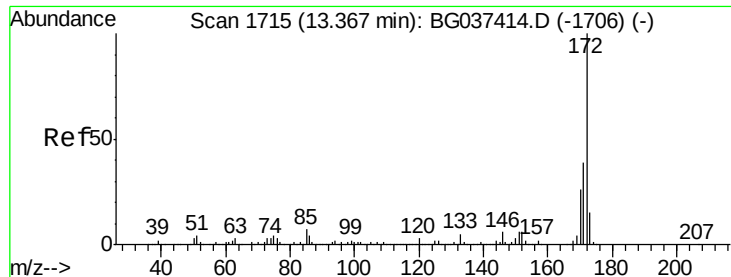
#44  
 2,4,5-Trichlorophenol  
 Concen: 48.446 ng  
 RT: 13.24 min Scan# 1694  
 Delta R.T. -0.00 min  
 Lab File: BG037724.D  
 Acq: 1 Nov 2018 18:31

Tgt Ion:196 Resp: 195106  
 Ion Ratio Lower Upper  
 196 100  
 198 98.2 74.2 111.2  
 97 45.2 34.1 51.1  
 132 26.2 20.2 30.4



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

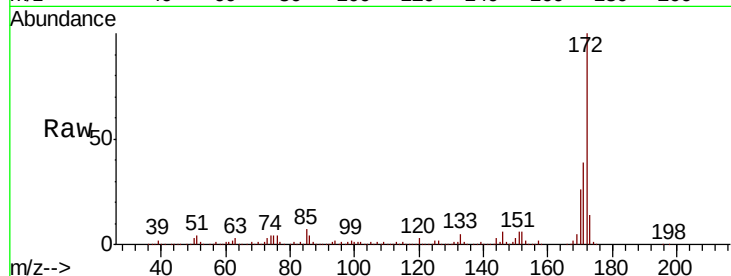




#45  
2-Fluorobiphenyl  
Concen: 85.574 ng  
RT: 13.36 min Scan# 1714  
Delta R.T. -0.01 min  
Lab File: BG037724.D  
Acq: 1 Nov 2018 18:31

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 39.4  | 31.0  | 46.4  |
| 170     | 25.9  | 20.2  | 30.2  |

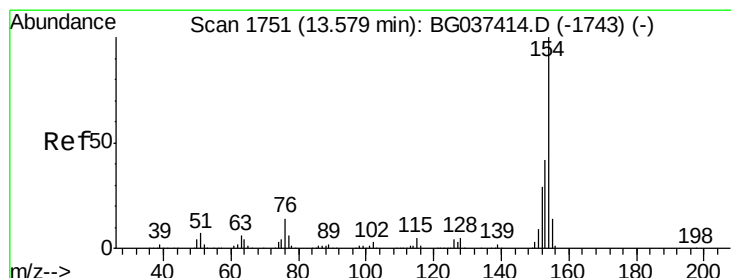
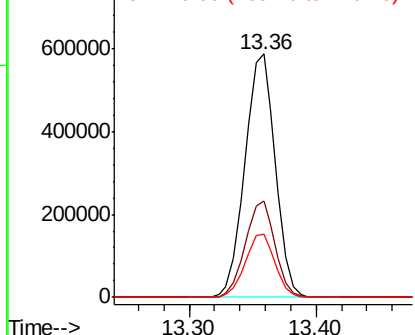
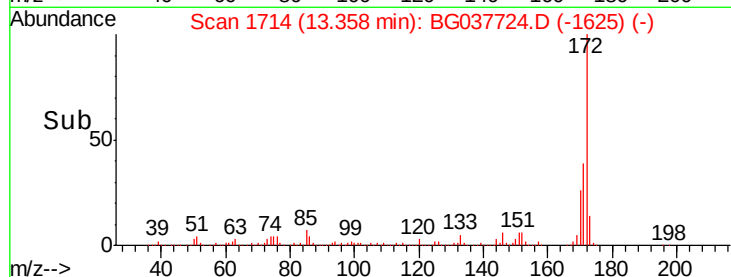


Abundance

Ion 172.00 (171.70 to 172.70): E

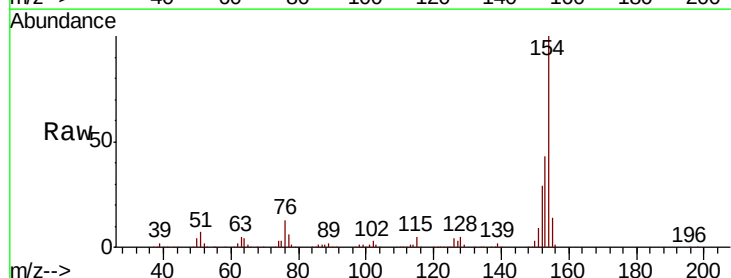
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46  
1,1'-Biphenyl  
Concen: 41.025 ng  
RT: 13.57 min Scan# 1750  
Delta R.T. -0.01 min  
Lab File: BG037724.D  
Acq: 1 Nov 2018 18:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 43.4  | 22.1  | 62.1  |
| 76      | 13.3  | 0.0   | 33.2  |

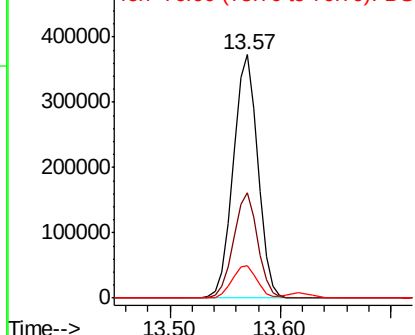
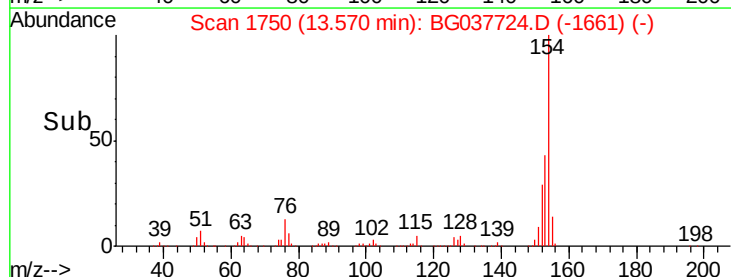


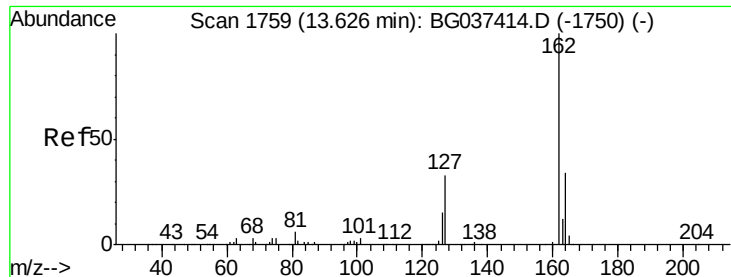
Abundance

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

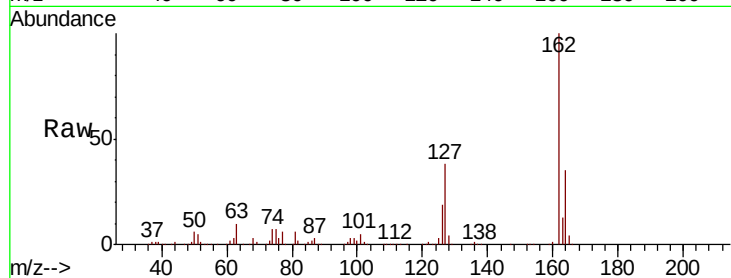




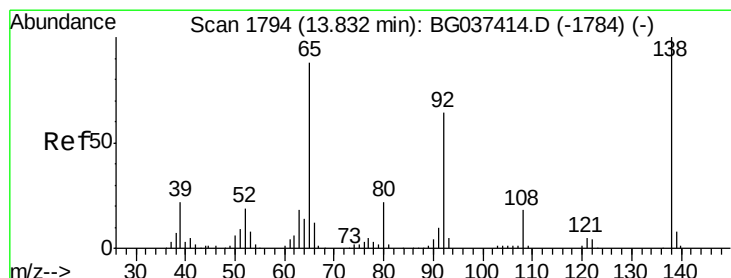
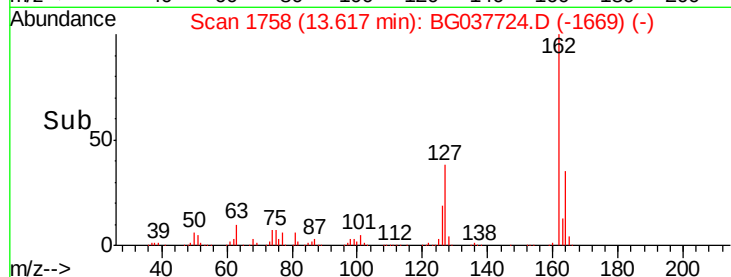
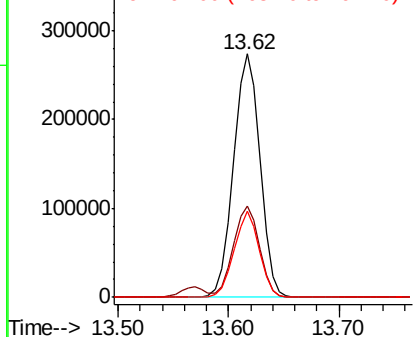
#47  
2-Chloronaphthalene  
Concen: 42.831 ng  
RT: 13.62 min Scan# 1758  
Delta R.T. -0.01 min  
Lab File: BG037724.D  
Acq: 1 Nov 2018 18:31

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 37.8  | 30.5  | 45.7  |
| 164     | 35.3  | 26.4  | 39.6  |

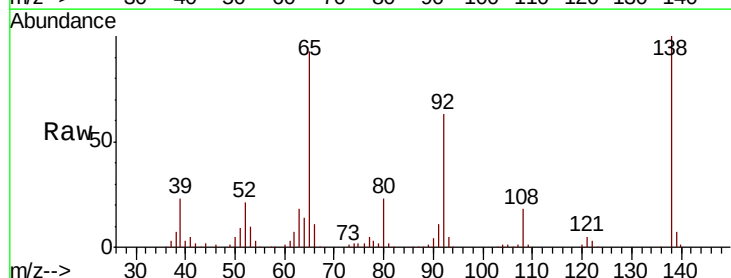


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

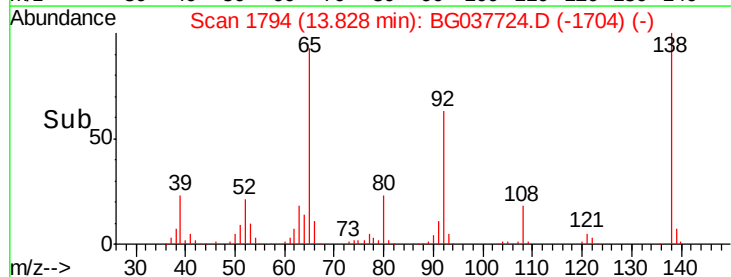
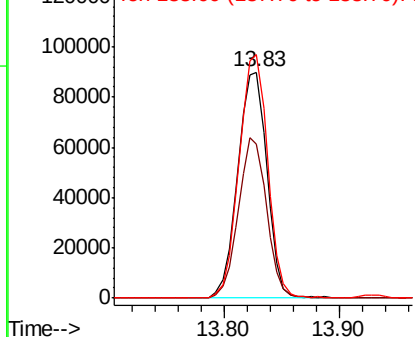


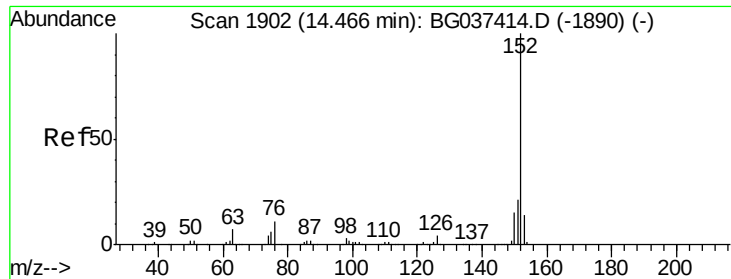
#48  
2-Nitroaniline  
Concen: 48.375 ng  
RT: 13.83 min Scan# 1794  
Delta R.T. -0.00 min  
Lab File: BG037724.D  
Acq: 1 Nov 2018 18:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 68.3  | 53.2  | 79.8  |
| 138     | 107.8 | 79.3  | 118.9 |



Abundance Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC  
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 46.919 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037724.D

Acq: 1 Nov 2018 18:31

Instrument :

BNA\_G

ClientSampleId :

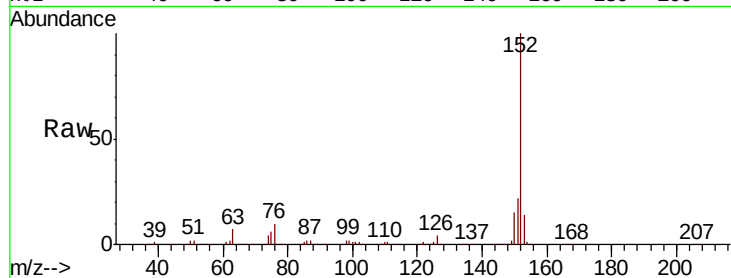
Tot Ion:152 Resp: 759058

Ion Ratio Lower Upper

152 100

151 21.6 17.1 25.7

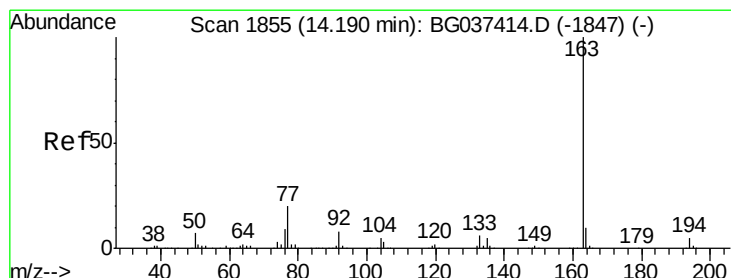
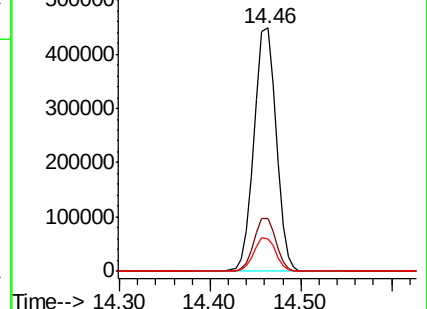
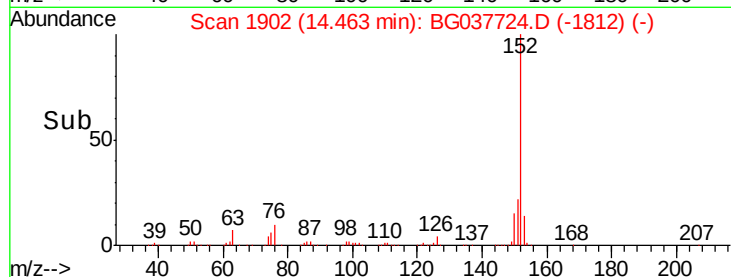
153 13.5 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 56.170 ng

RT: 14.19 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BG037724.D

Acq: 1 Nov 2018 18:31

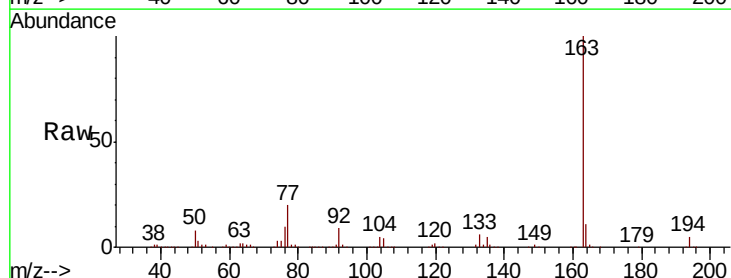
Tgt Ion:163 Resp: 745880

Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

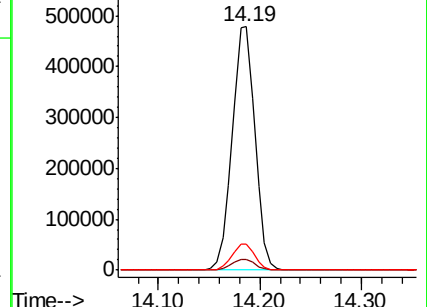
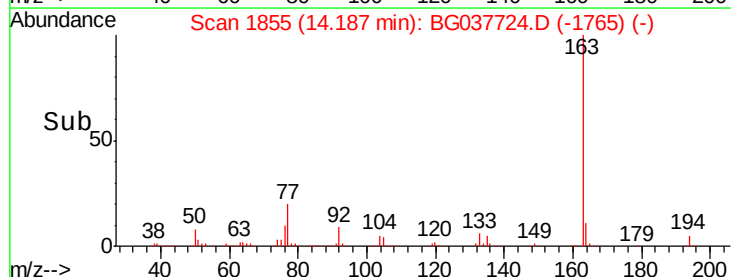
164 10.7 8.5 12.7

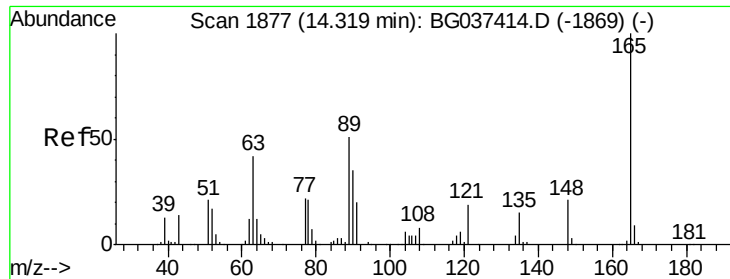


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

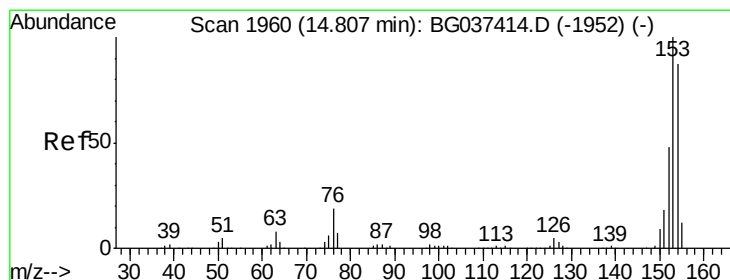
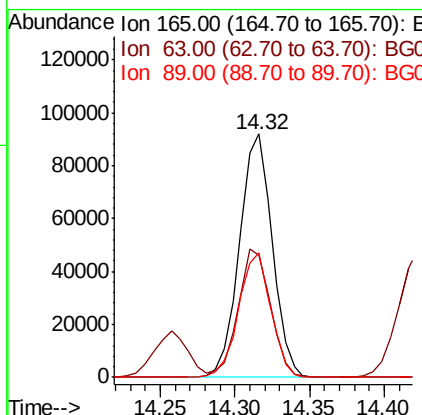
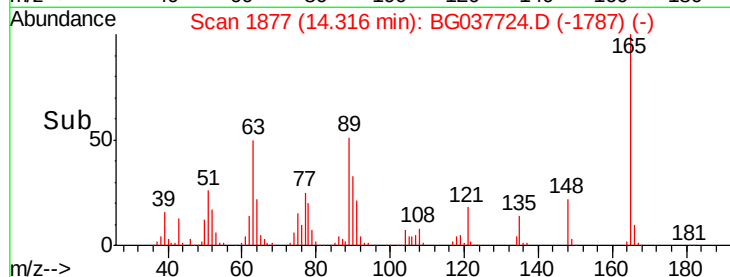
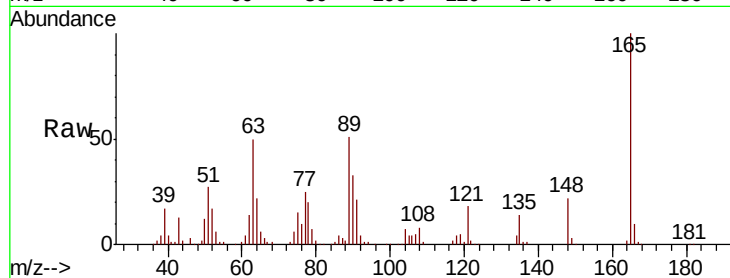




#51  
 2,6-Dinitrotoluene  
 Concen: 47.676 ng  
 RT: 14.32 min Scan# 1877  
 Delta R.T. -0.00 min  
 Lab File: BG037724.D  
 Acq: 1 Nov 2018 18:31

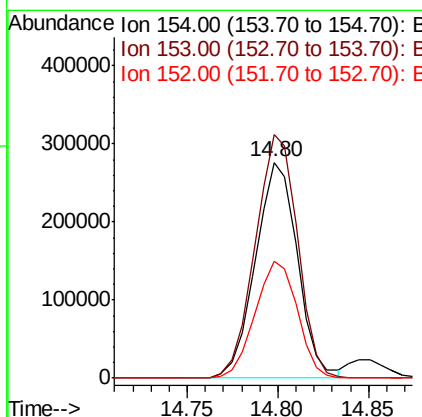
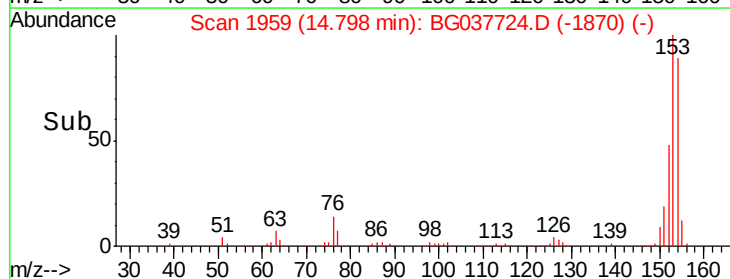
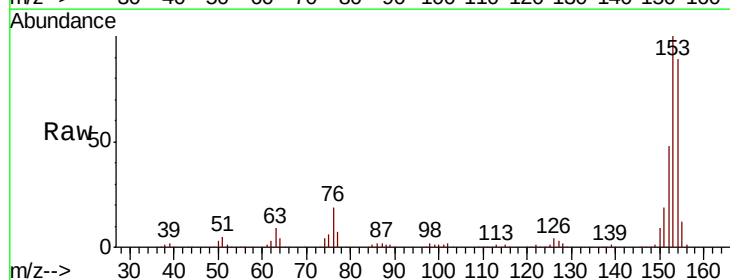
Instrument :  
 BNA\_G  
 ClientSampleId :

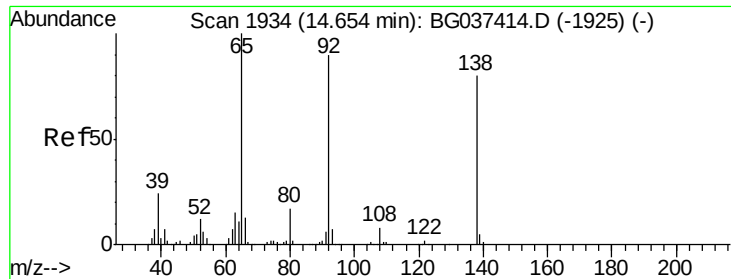
Tot Ion:165 Resp: 140053  
 Ion Ratio Lower Upper  
 165 100  
 63 50.0 43.4 65.2  
 89 51.4 45.8 68.6



#52  
 Acenaphthene  
 Concen: 44.712 ng  
 RT: 14.80 min Scan# 1959  
 Delta R.T. -0.01 min  
 Lab File: BG037724.D  
 Acq: 1 Nov 2018 18:31

Tgt Ion:154 Resp: 445484  
 Ion Ratio Lower Upper  
 154 100  
 153 112.7 93.4 140.0  
 152 54.4 44.7 67.1

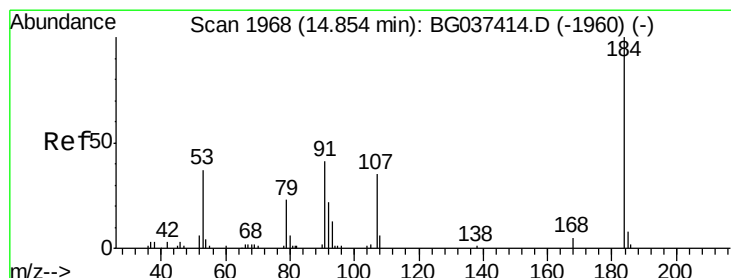
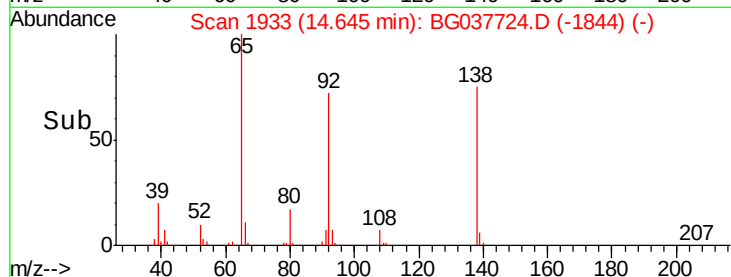
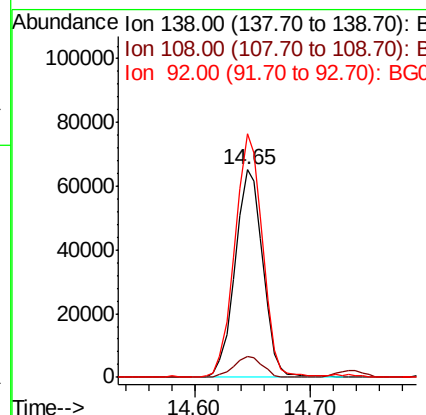
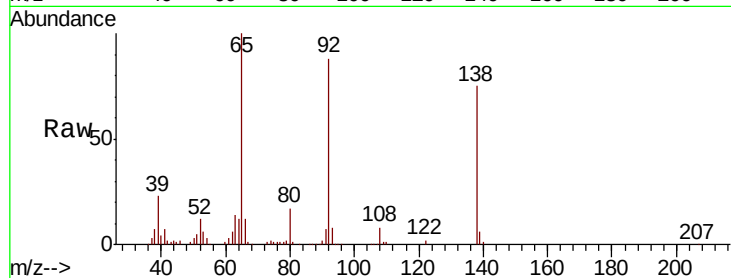




#53  
 3-Nitroaniline  
 Concen: 33.418 ng  
 RT: 14.65 min Scan# 1933  
 Delta R.T. -0.01 min  
 Lab File: BG037724.D  
 Acq: 1 Nov 2018 18:31

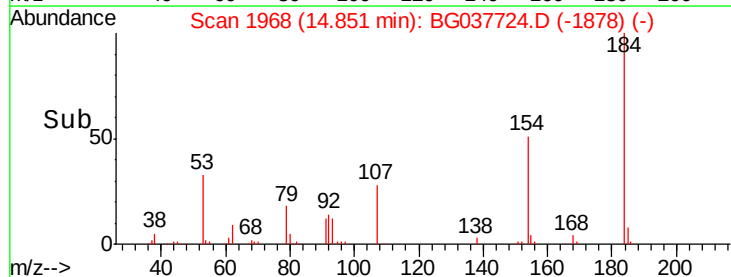
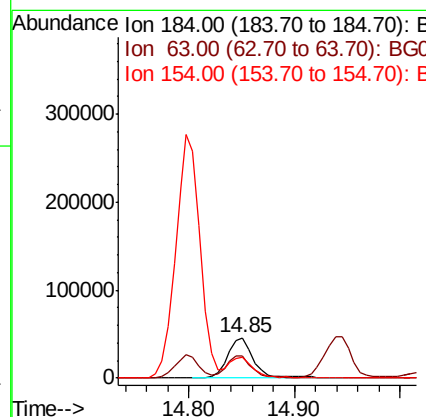
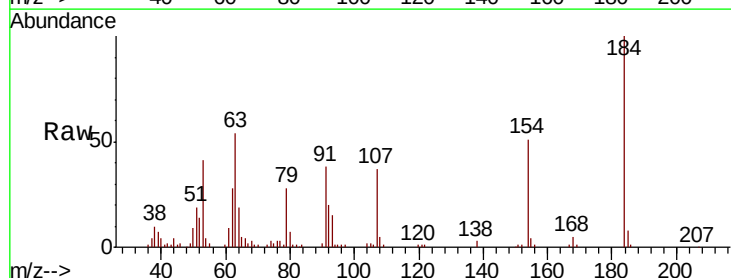
Instrument :  
 BNA\_G  
 ClientSampleId :

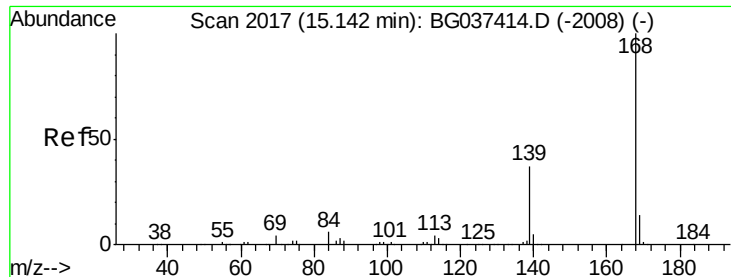
Tot Ion:138 Resp: 108980  
 Ion Ratio Lower Upper  
 138 100  
 108 10.0 11.0 16.6#  
 92 117.5 95.2 142.8



#54  
 2,4-Dinitrophenol  
 Concen: 67.081 ng  
 RT: 14.85 min Scan# 1968  
 Delta R.T. -0.00 min  
 Lab File: BG037724.D  
 Acq: 1 Nov 2018 18:31

Tgt Ion:184 Resp: 78042  
 Ion Ratio Lower Upper  
 184 100  
 63 53.9 42.6 63.8  
 154 50.9 41.8 62.6

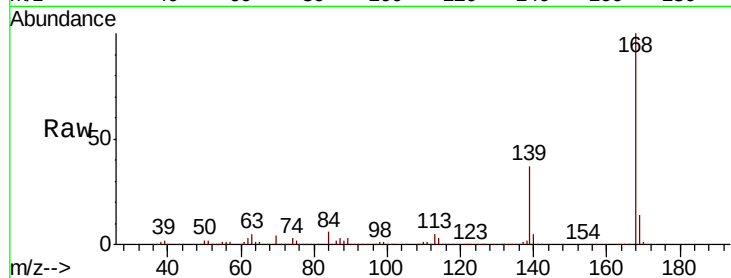




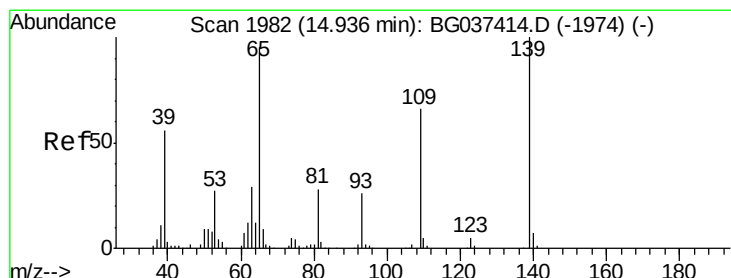
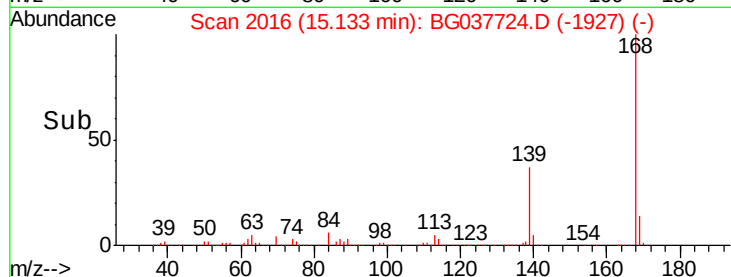
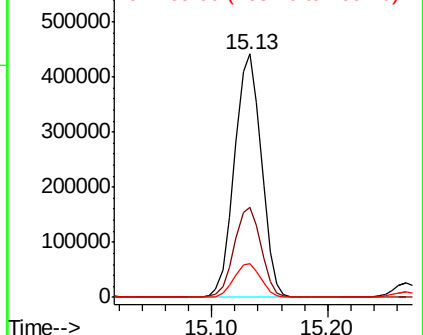
#55  
Dibenzofuran  
Concen: 43.136 ng  
RT: 15.13 min Scan# 2016  
Delta R.T. -0.01 min  
Lab File: BG037724.D  
Acq: 1 Nov 2018 18:31

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:168 Resp: 712080  
Ion Ratio Lower Upper  
168 100  
139 36.8 29.4 44.0  
169 14.0 11.0 16.6

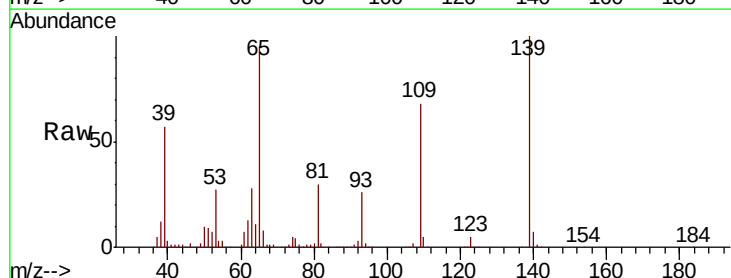


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

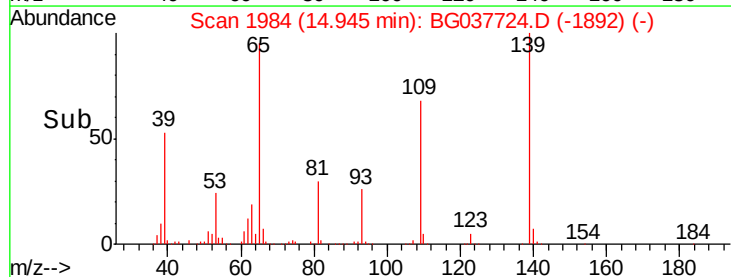
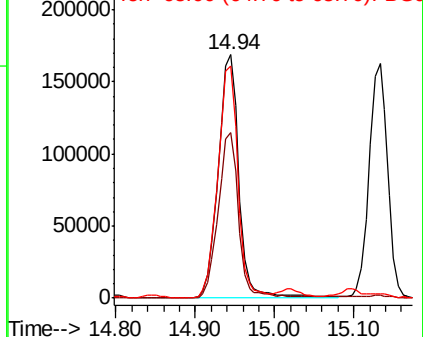


#56  
4-Nitrophenol  
Concen: 126.771 ng  
RT: 14.94 min Scan# 1984  
Delta R.T. 0.01 min  
Lab File: BG037724.D  
Acq: 1 Nov 2018 18:31

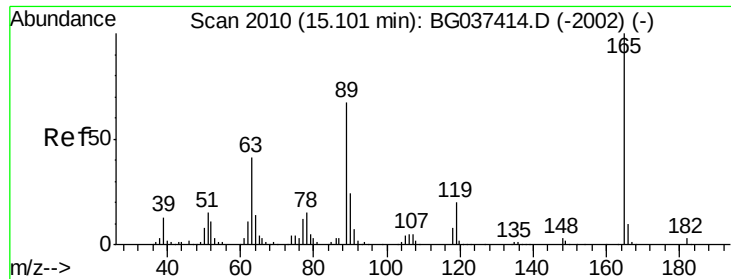
Tgt Ion:139 Resp: 306011  
Ion Ratio Lower Upper  
139 100  
109 68.1 49.5 89.5  
65 95.1 76.8 116.8



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



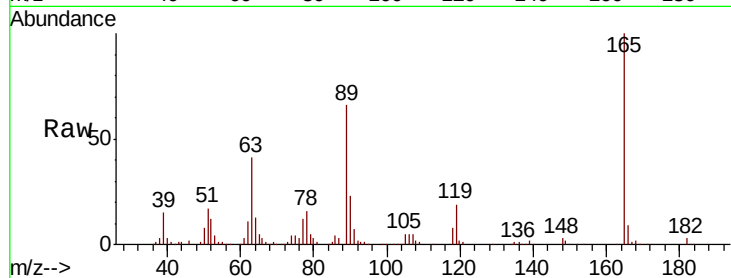




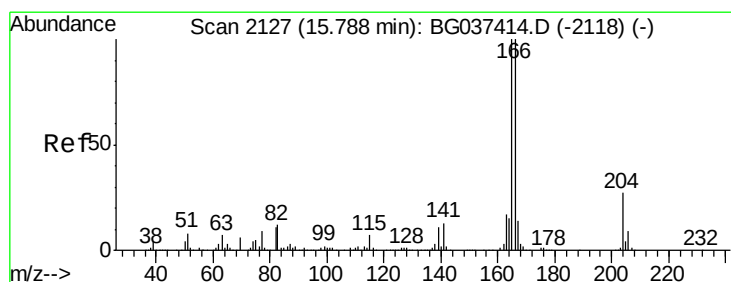
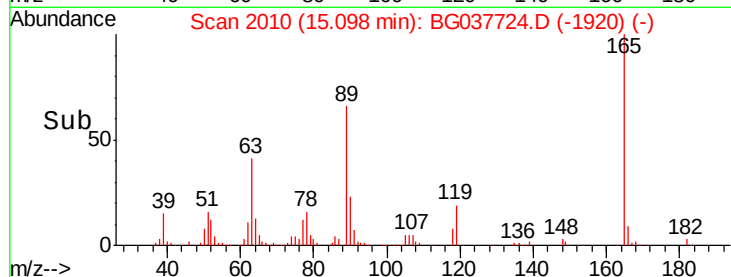
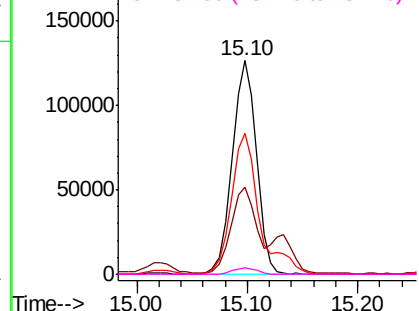
#57  
2,4-Dinitrotoluene  
Concen: 50.333 ng  
RT: 15.10 min Scan# 2010  
Delta R.T. -0.00 min  
Lab File: BG037724.D  
Acq: 1 Nov 2018 18:31

Instrument :  
BNA\_G  
ClientSampled :

| Tot Ion:165 | Resp: | 194090      |
|-------------|-------|-------------|
| Ion         | Ratio | Lower Upper |
| 165         | 100   |             |
| 63          | 40.8  | 33.4 50.0   |
| 89          | 66.2  | 57.2 85.8   |
| 182         | 2.9   | 2.6 4.0     |

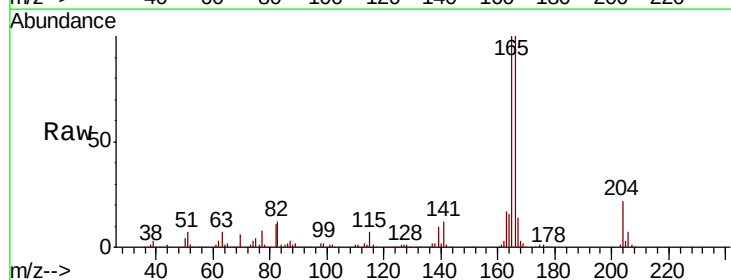


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 89.00 (88.70 to 89.70): BGC  
Ion 182.00 (181.70 to 182.70): E

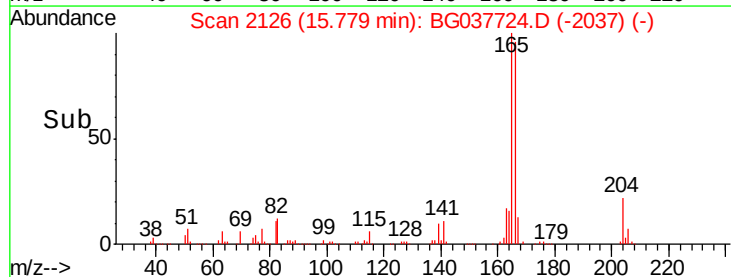
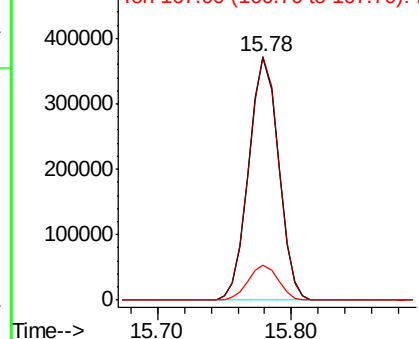


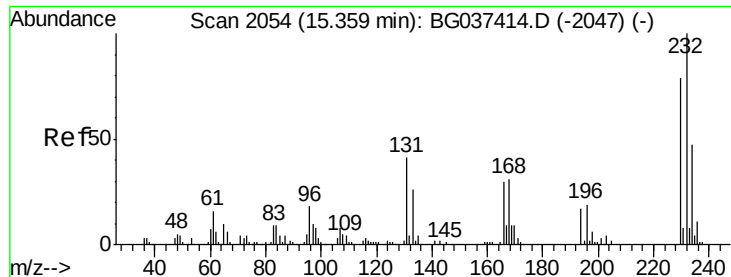
#58  
Fluorene  
Concen: 46.227 ng  
RT: 15.78 min Scan# 2126  
Delta R.T. -0.01 min  
Lab File: BG037724.D  
Acq: 1 Nov 2018 18:31

| Tgt Ion:166 | Resp: | 571446      |
|-------------|-------|-------------|
| Ion         | Ratio | Lower Upper |
| 166         | 100   |             |
| 165         | 100.5 | 79.0 118.6  |
| 167         | 14.3  | 11.3 16.9   |



Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E

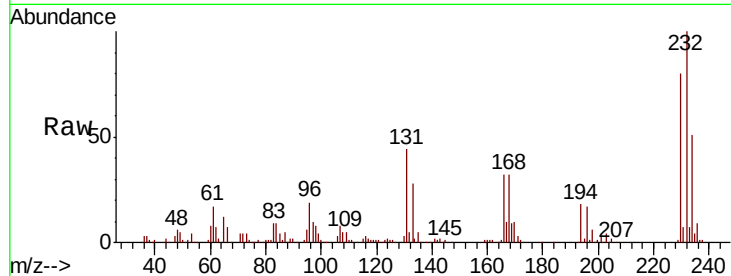




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 48.470 ng  
RT: 15.35 min Scan# 2053  
Delta R.T. -0.01 min  
Lab File: BG037724.D  
Acq: 1 Nov 2018 18:31

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 42.0  | 33.7  | 50.5  |
| 130     | 2.4   | 2.1   | 3.1   |
| 166     | 30.5  | 24.6  | 36.8  |



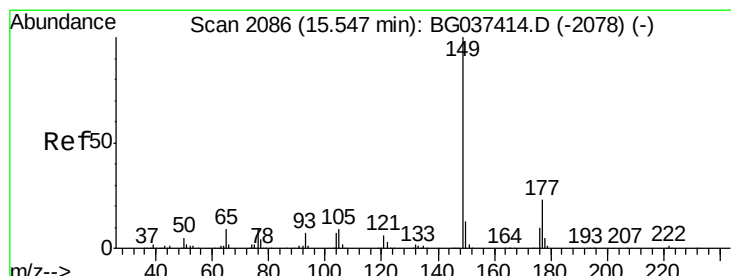
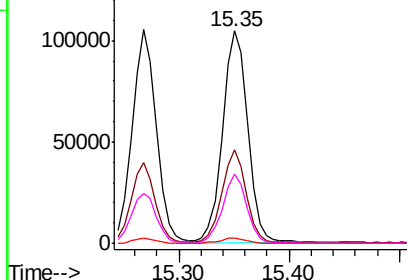
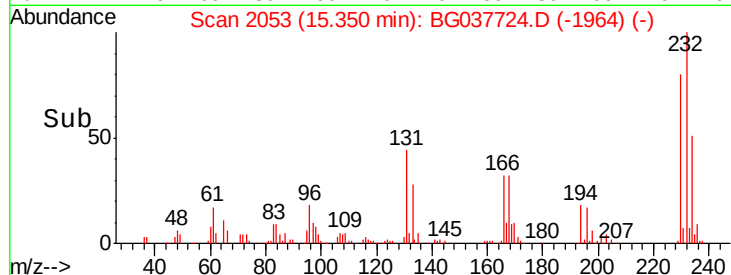
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

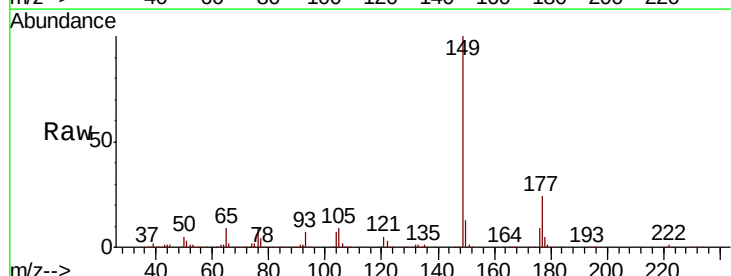
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
Diethylphthalate  
Concen: 45.270 ng  
RT: 15.54 min Scan# 2085  
Delta R.T. -0.01 min  
Lab File: BG037724.D  
Acq: 1 Nov 2018 18:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 23.6  | 18.3  | 27.5  |
| 150     | 12.9  | 10.0  | 15.0  |

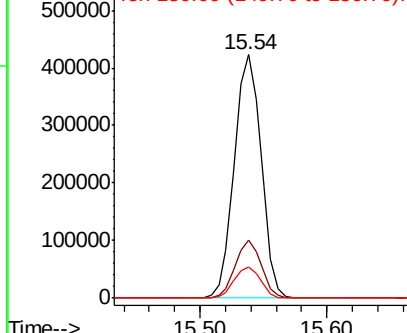
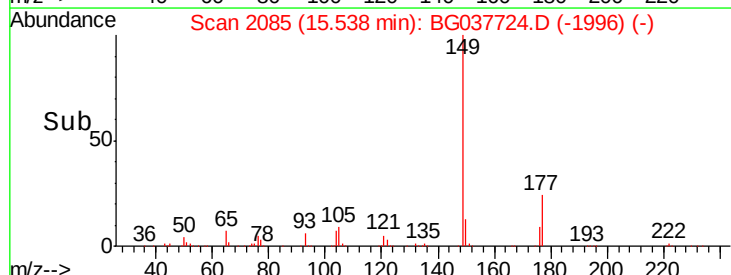


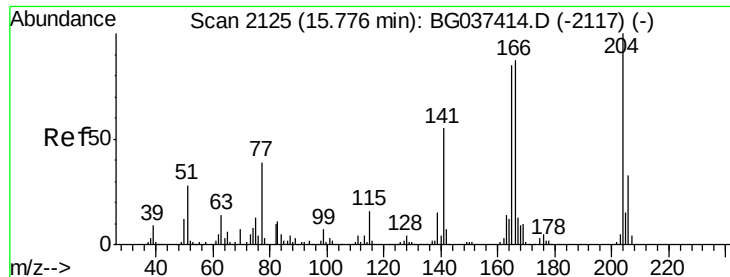
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

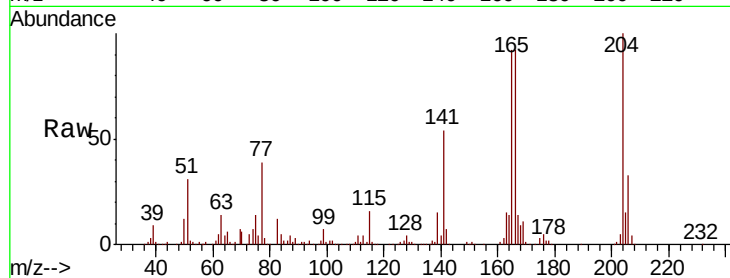




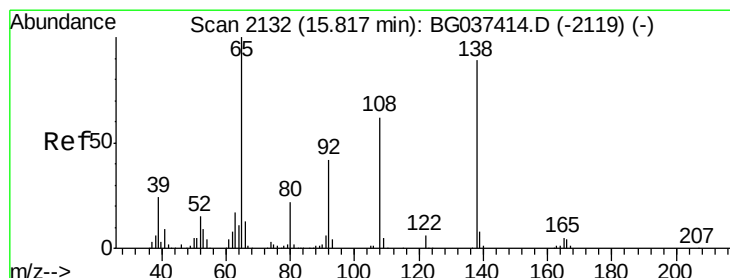
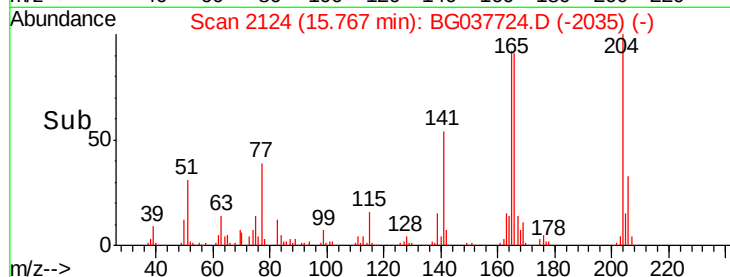
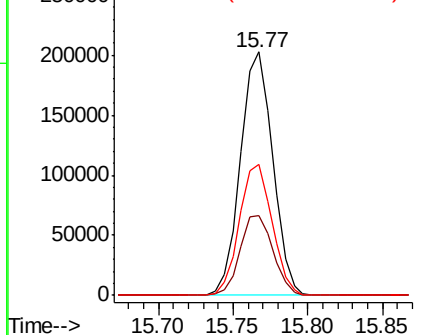
#61  
 4-Chlorophenyl-phenylether  
 Concen: 42.121 ng  
 RT: 15.77 min Scan# 2124  
 Delta R.T. -0.01 min  
 Lab File: BG037724.D  
 Acq: 1 Nov 2018 18:31

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:204 Resp: 303495  
 Ion Ratio Lower Upper  
 204 100  
 206 32.7 26.6 39.8  
 141 53.7 45.4 68.2

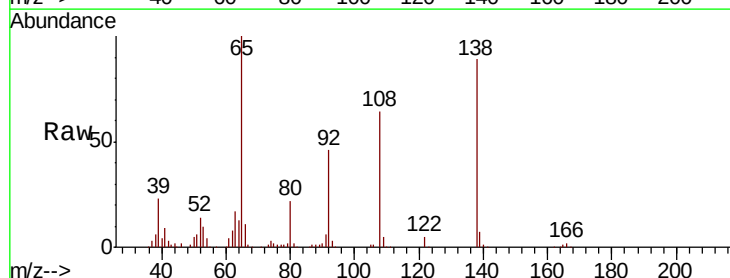


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

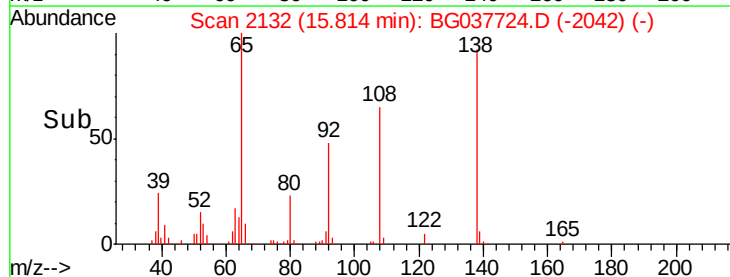
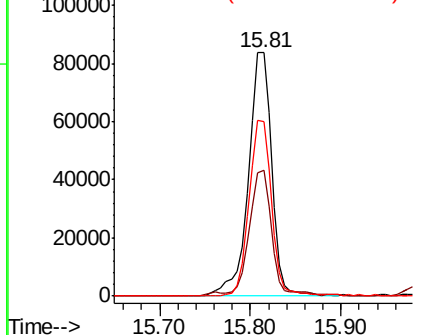


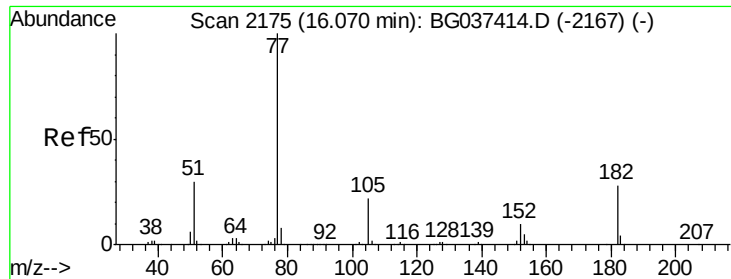
#62  
 4-Nitroaniline  
 Concen: 45.914 ng  
 RT: 15.81 min Scan# 2132  
 Delta R.T. -0.00 min  
 Lab File: BG037724.D  
 Acq: 1 Nov 2018 18:31

Tgt Ion:138 Resp: 148785  
 Ion Ratio Lower Upper  
 138 100  
 92 51.8 36.4 76.4  
 108 71.8 60.1 100.1



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

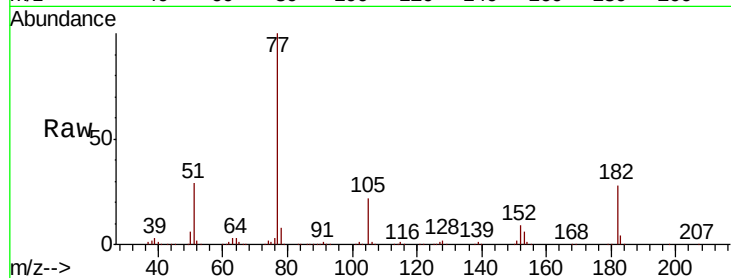




#63  
Azobenzene  
Concen: 44.756 ng  
RT: 16.06 min Scan# 2174  
Delta R.T. -0.01 min  
Lab File: BG037724.D  
Acq: 1 Nov 2018 18:31

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 27.5  | 8.0   | 48.0  |
| 105     | 21.6  | 1.3   | 41.3  |
| 51      | 29.4  | 10.7  | 50.7  |



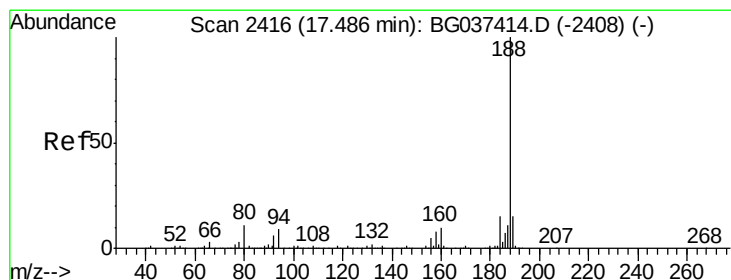
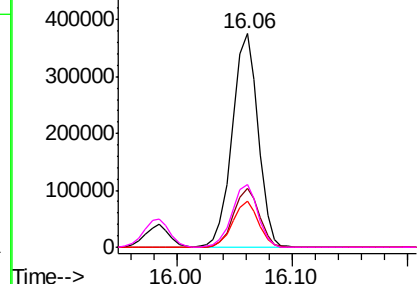
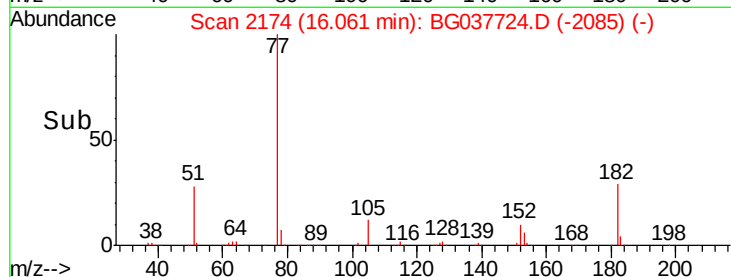
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

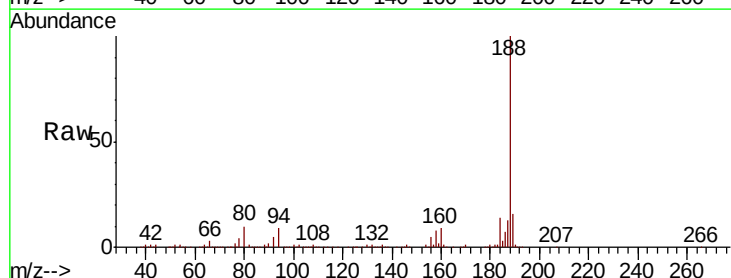
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.48 min Scan# 2416  
Delta R.T. -0.00 min  
Lab File: BG037724.D  
Acq: 1 Nov 2018 18:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 9.5   | 7.2   | 10.8  |
| 80      | 9.6   | 7.7   | 11.5  |

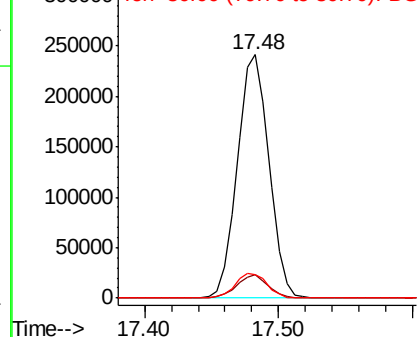
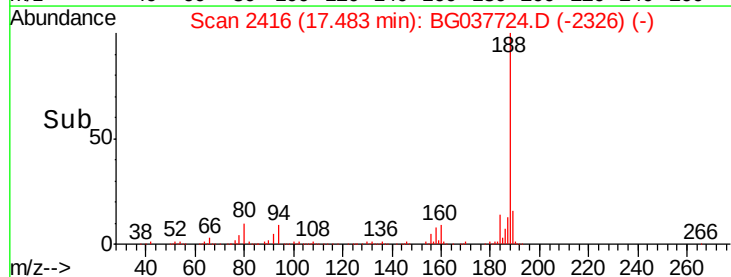


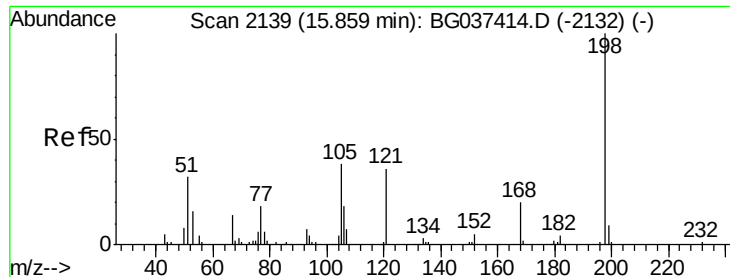
Abundance

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





#65

4,6-Dinitro-2-methylphenol

Concen: 44.946 ng

RT: 15.86 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BG037724.D

Acq: 1 Nov 2018 18:31

Instrument :

BNA\_G

ClientSampleId :

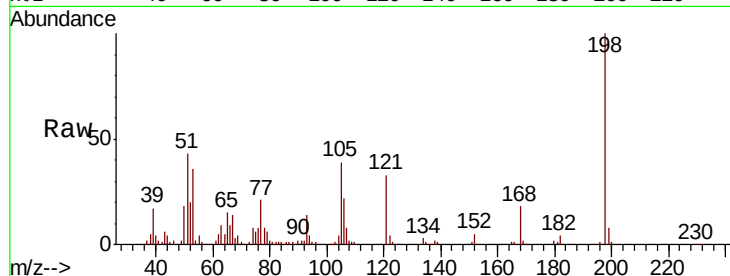
Tot Ion:198 Resp: 92034

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 198 | 100   |       |       |
| 51  | 43.3  | 22.7  | 62.7  |
| 105 | 38.8  | 19.7  | 59.7  |

198 100

51 43.3 22.7 62.7

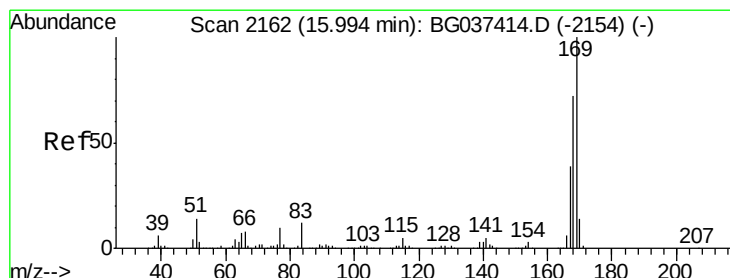
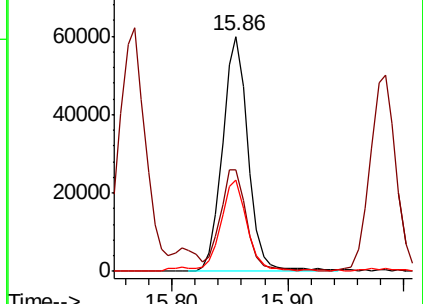
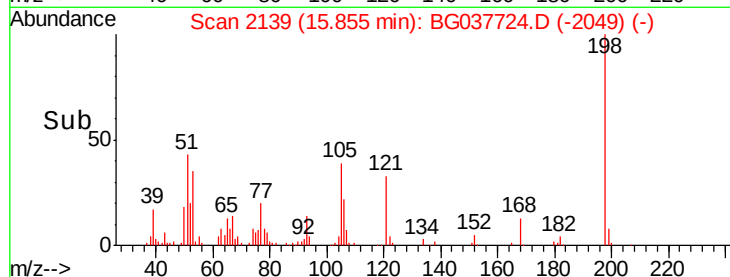
105 38.8 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG037724.D (-2049) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.497 ng

RT: 15.98 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BG037724.D

Acq: 1 Nov 2018 18:31

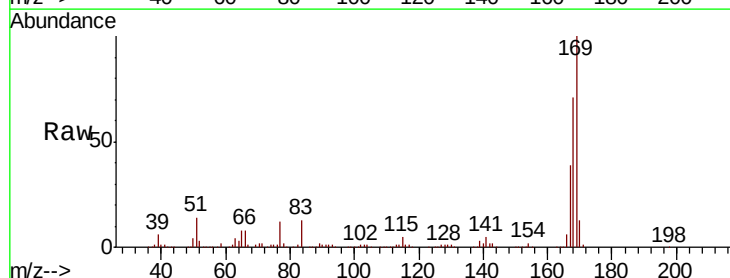
Tgt Ion:169 Resp: 530048

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 71.4  | 55.7  | 83.5  |
| 167 | 39.3  | 31.3  | 46.9  |

169 100

168 71.4 55.7 83.5

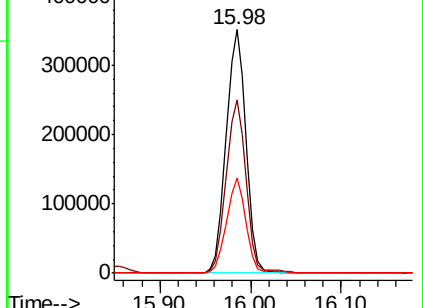
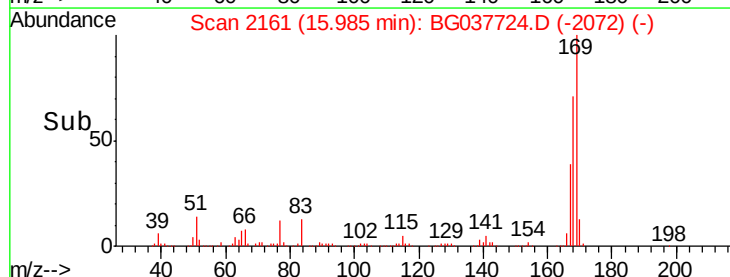
167 39.3 31.3 46.9

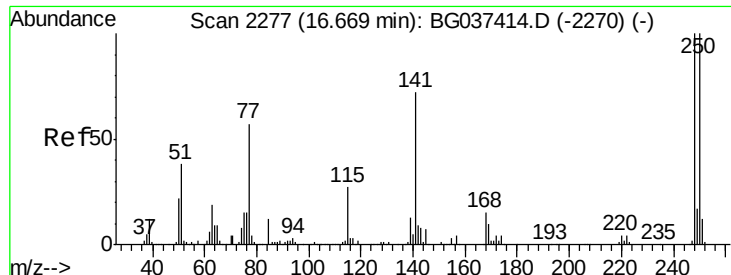


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

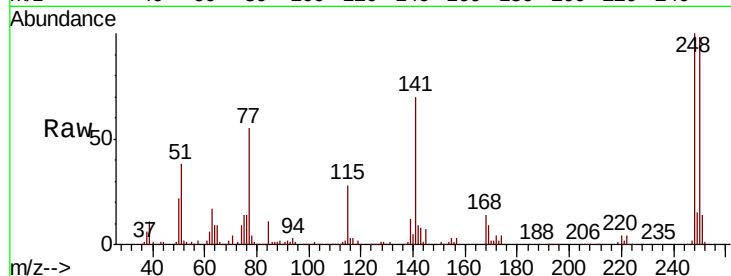




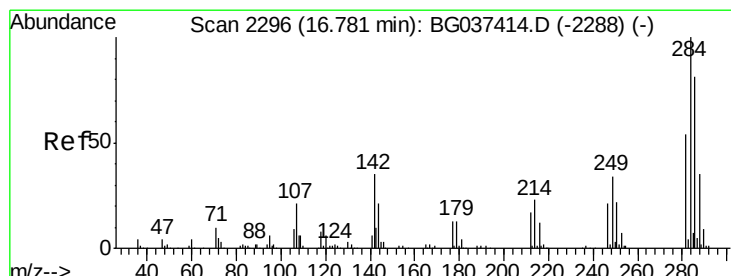
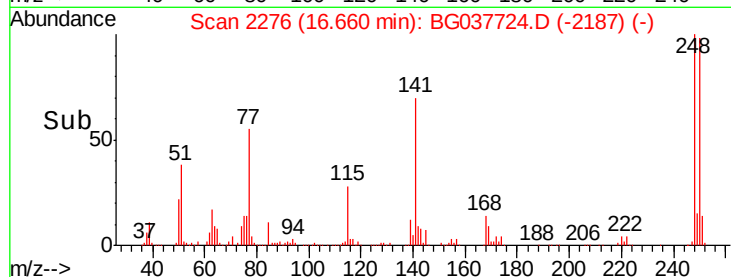
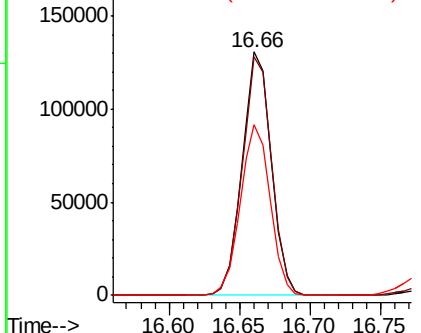
#67  
 4-Bromophenyl-phenylether  
 Concen: 43.378 ng  
 RT: 16.66 min Scan# 2276  
 Delta R.T. -0.01 min  
 Lab File: BG037724.D  
 Acq: 1 Nov 2018 18:31

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:248 Resp: 188641  
 Ion Ratio Lower Upper  
 248 100  
 250 98.1 77.0 115.6  
 141 70.2 55.5 83.3

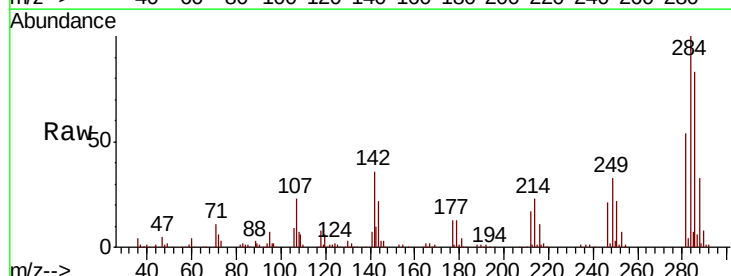


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

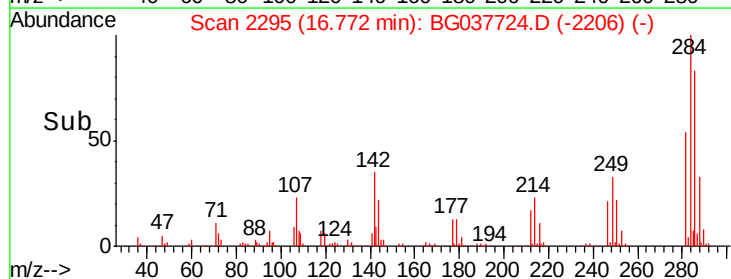
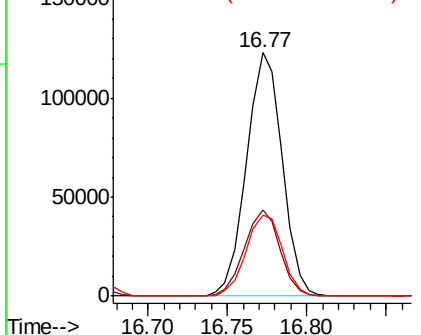


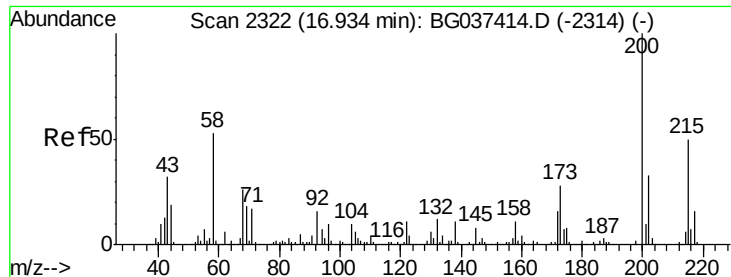
#68  
 Hexachlorobenzene  
 Concen: 42.635 ng  
 RT: 16.77 min Scan# 2295  
 Delta R.T. -0.01 min  
 Lab File: BG037724.D  
 Acq: 1 Nov 2018 18:31

Tgt Ion:284 Resp: 192161  
 Ion Ratio Lower Upper  
 284 100  
 142 35.5 28.1 42.1  
 249 36.1 29.8 44.8



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

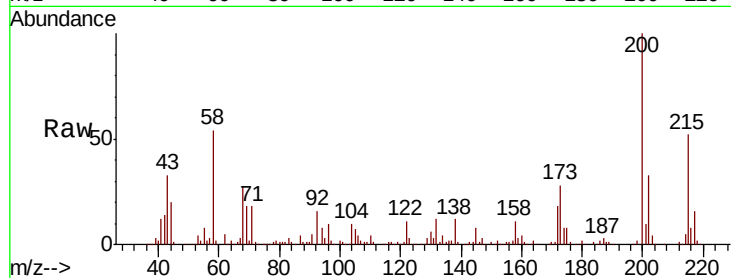




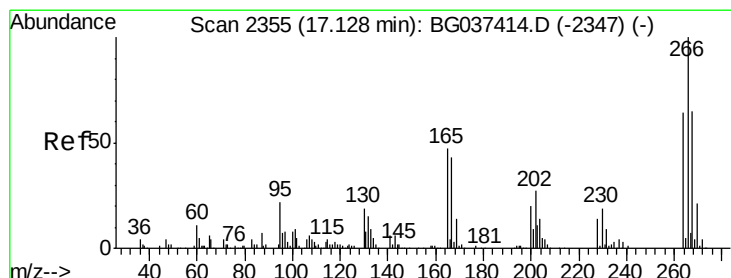
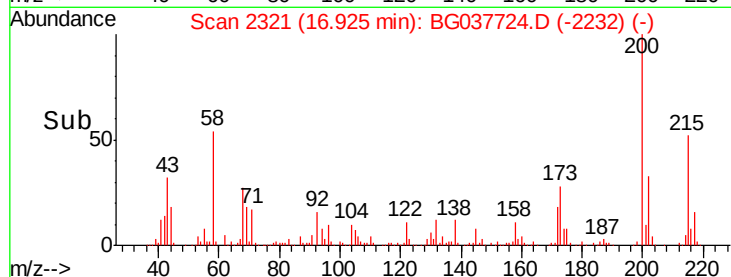
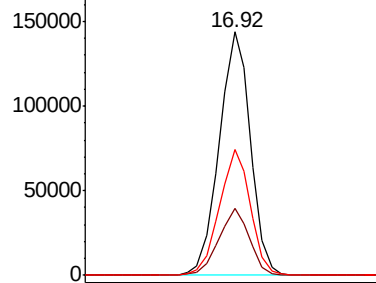
#69  
 Atrazine  
 Concen: 45.555 ng  
 RT: 16.92 min Scan# 2321  
 Delta R.T. -0.01 min  
 Lab File: BG037724.D  
 Acq: 1 Nov 2018 18:31

Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion:200 Resp: 196194  
 Ion Ratio Lower Upper  
 200 100  
 173 27.6 6.1 46.1  
 215 51.6 30.8 70.8

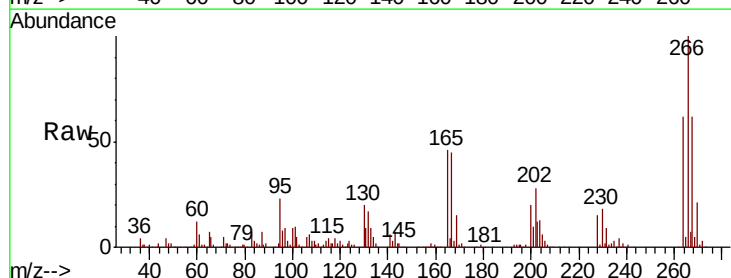


Abundance Ion 200.00 (199.70 to 200.70): E  
 Ion 173.00 (172.70 to 173.70): E  
 Ion 215.00 (214.70 to 215.70): E

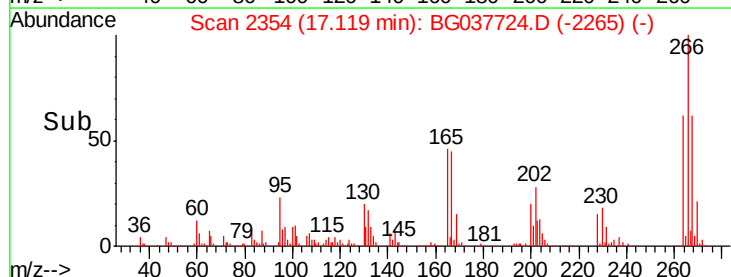
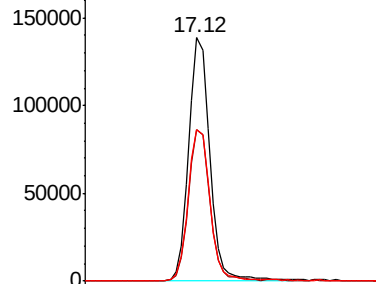


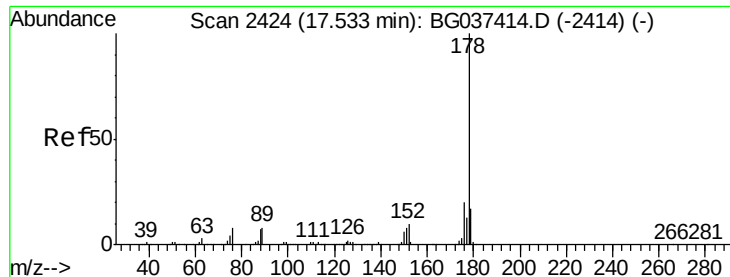
#70  
 Pentachlorophenol  
 Concen: 74.647 ng  
 RT: 17.12 min Scan# 2354  
 Delta R.T. -0.01 min  
 Lab File: BG037724.D  
 Acq: 1 Nov 2018 18:31

Tgt Ion:266 Resp: 225363  
 Ion Ratio Lower Upper  
 266 100  
 268 67.0 55.0 82.6  
 264 67.0 58.9 88.3



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

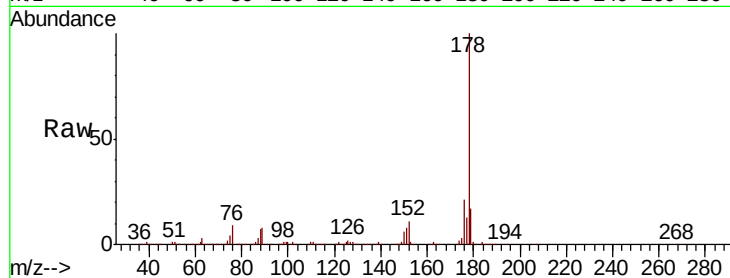




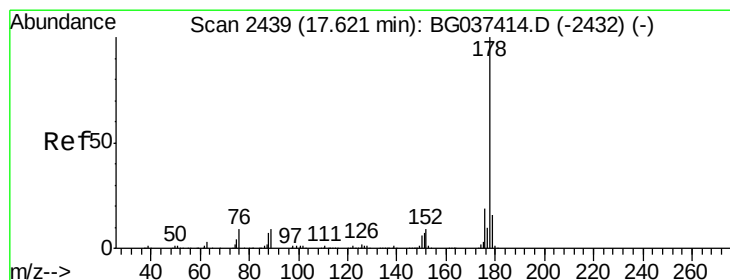
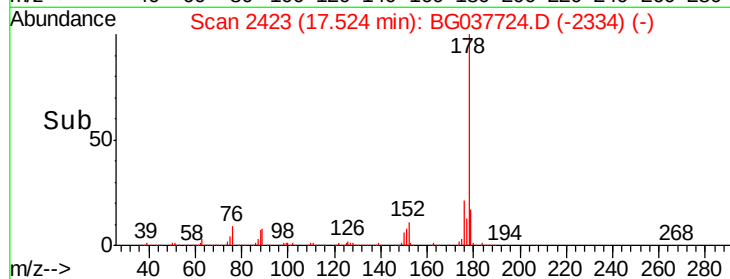
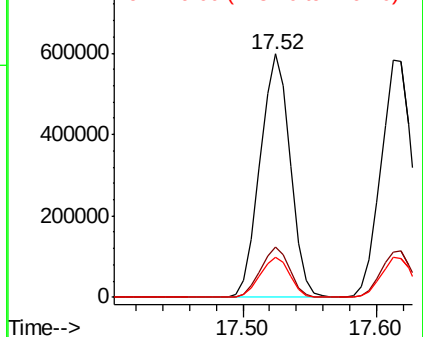
#71  
Phenanthrene  
Concen: 46.244 ng  
RT: 17.52 min Scan# 2423  
Delta R.T. -0.01 min  
Lab File: BG037724.D  
Acq: 1 Nov 2018 18:31

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:178 Resp: 930723  
Ion Ratio Lower Upper  
178 100  
176 20.6 16.1 24.1  
179 16.6 13.0 19.4

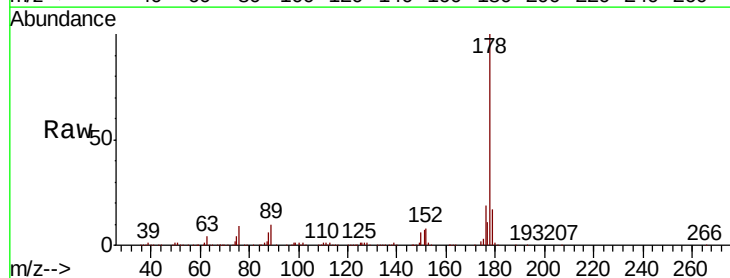


Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E

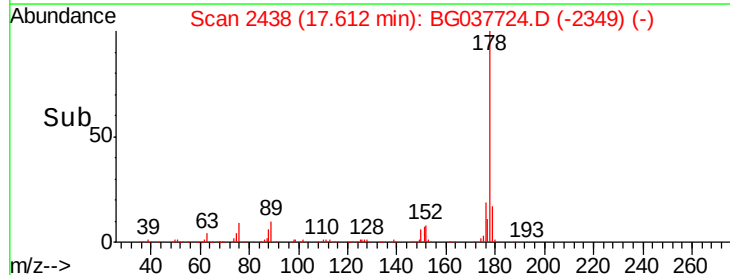
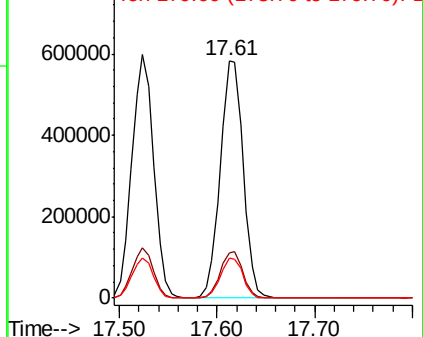


#72  
Anthracene  
Concen: 48.020 ng  
RT: 17.61 min Scan# 2438  
Delta R.T. -0.01 min  
Lab File: BG037724.D  
Acq: 1 Nov 2018 18:31

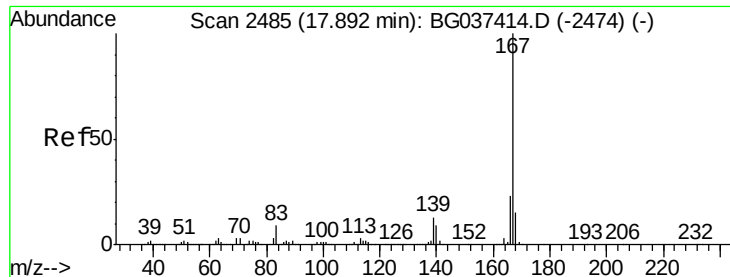
Tgt Ion:178 Resp: 948446  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.0 22.4  
179 16.7 12.8 19.2



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



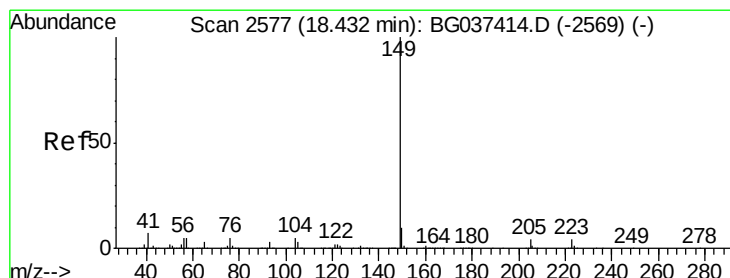
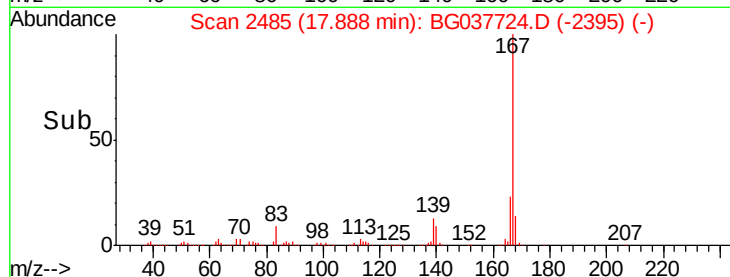
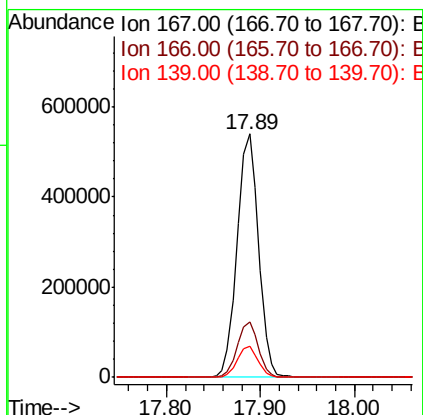
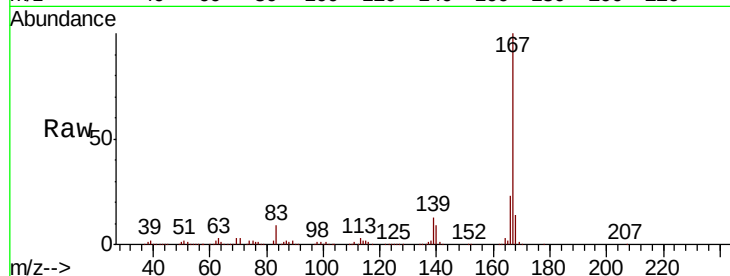




#73  
 Carbazole  
 Concen: 43.372 ng  
 RT: 17.89 min Scan# 2485  
 Delta R.T. -0.00 min  
 Lab File: BG037724.D  
 Acq: 1 Nov 2018 18:31

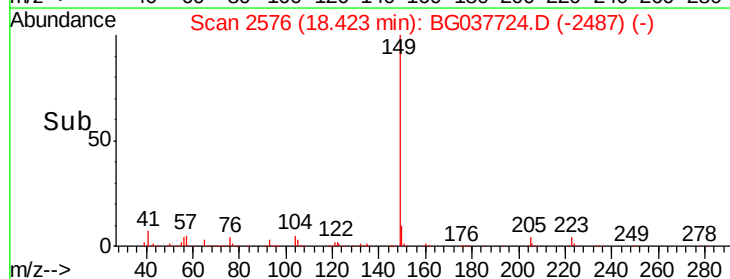
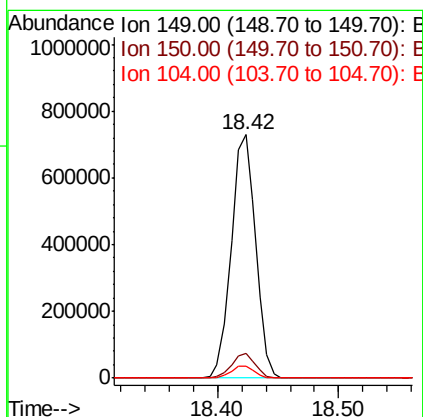
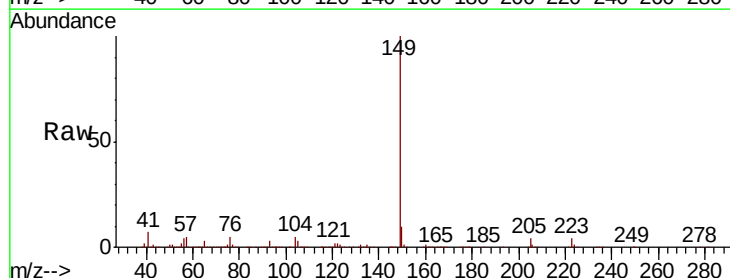
Instrument :  
 BNA\_G  
 ClientSampleId :

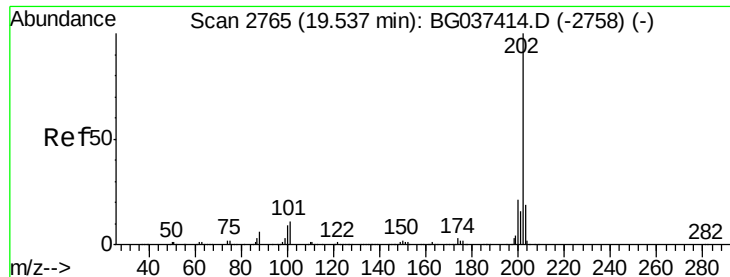
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.8  | 18.3  | 27.5  |
| 139     | 12.9  | 10.5  | 15.7  |



#74  
 Di-n-butylphthalate  
 Concen: 46.596 ng  
 RT: 18.42 min Scan# 2576  
 Delta R.T. -0.01 min  
 Lab File: BG037724.D  
 Acq: 1 Nov 2018 18:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.0  | 8.2   | 12.2  |
| 104     | 5.0   | 4.0   | 6.0   |





#75

Fluoranthene

Concen: 46.203 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037724.D

Acq: 1 Nov 2018 18:31

Instrument :

BNA\_G

ClientSampleId :

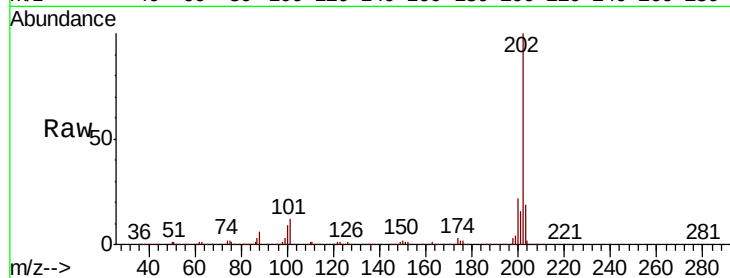
Tot Ion:202 Resp: 1054667

Ion Ratio Lower Upper

202 100

101 11.6 0.0 30.7

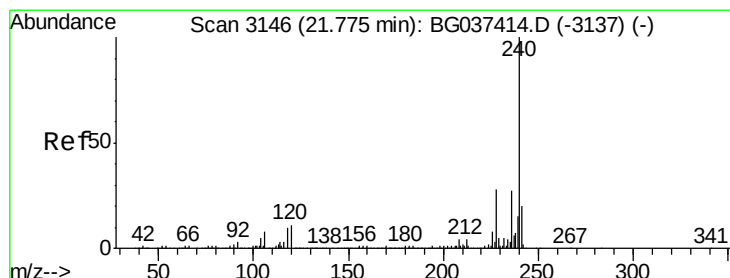
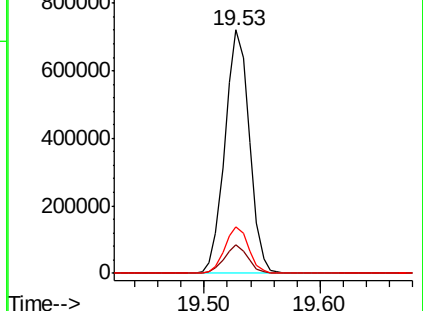
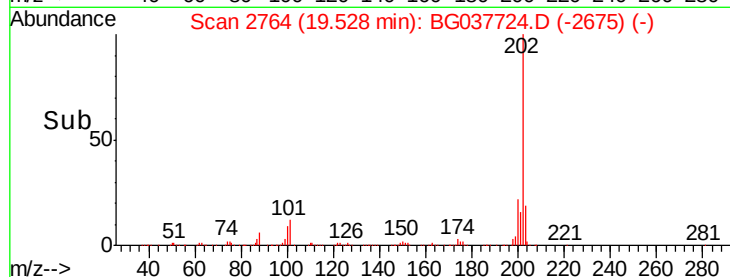
203 19.2 0.0 38.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037724.D

Acq: 1 Nov 2018 18:31

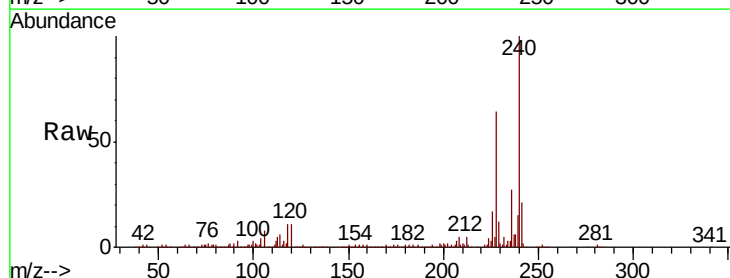
Tgt Ion:240 Resp: 345194

Ion Ratio Lower Upper

240 100

120 11.0 8.1 12.1

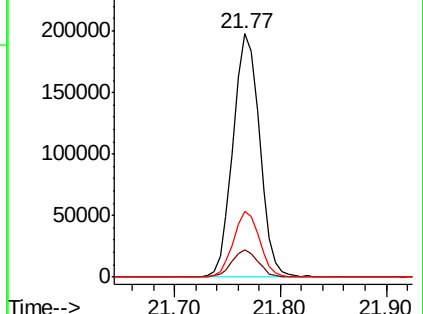
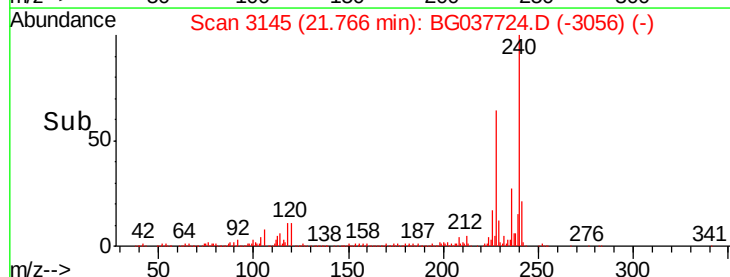
236 26.9 21.4 32.0

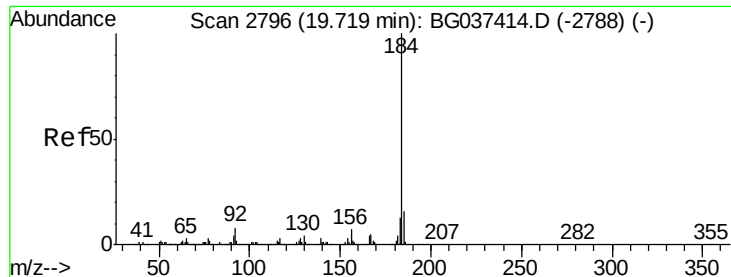


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 22.939 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG037724.D

Acq: 1 Nov 2018 18:31

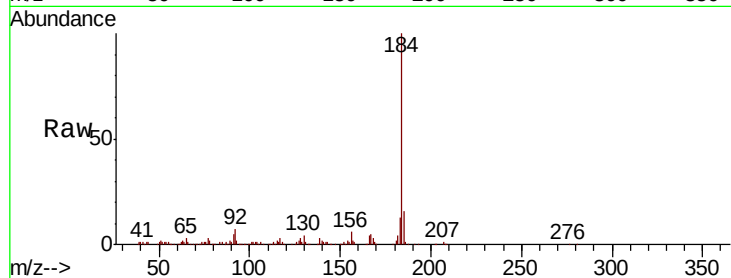
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:184 Resp: 269252

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 16.2  | 12.6  | 18.8  |
| 183 | 12.8  | 10.2  | 15.2  |

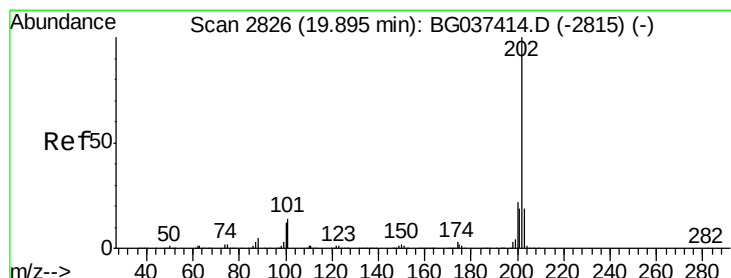
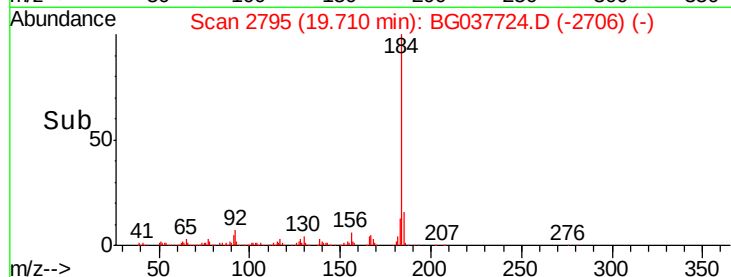
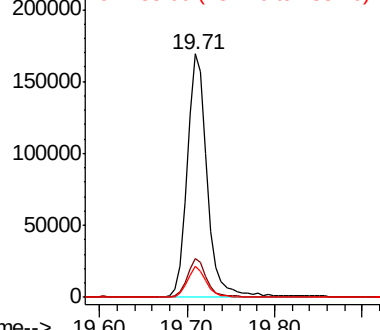


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.398 ng

RT: 19.89 min Scan# 2826

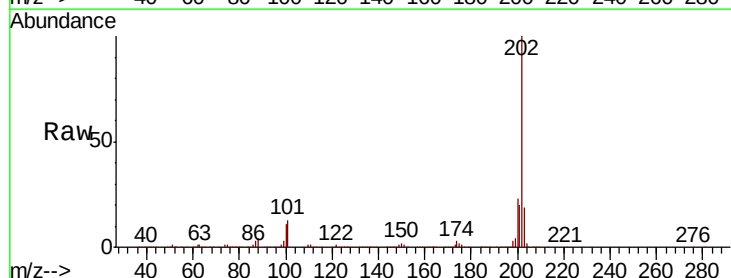
Delta R.T. -0.00 min

Lab File: BG037724.D

Acq: 1 Nov 2018 18:31

Tgt Ion:202 Resp: 1047006

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 22.9  | 17.8  | 26.6  |
| 203 | 18.9  | 15.2  | 22.8  |

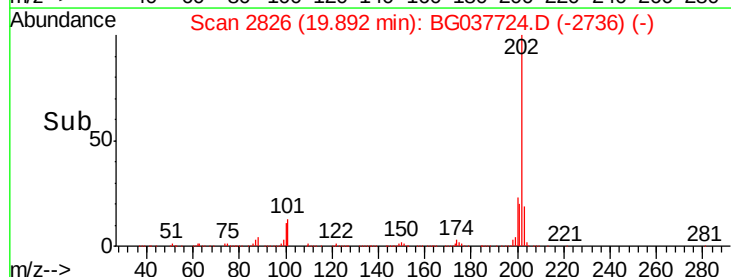
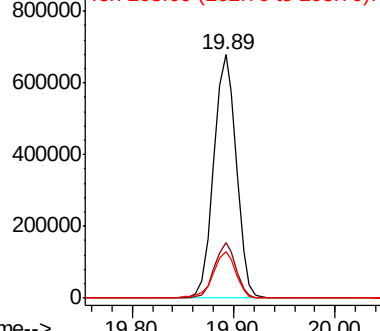


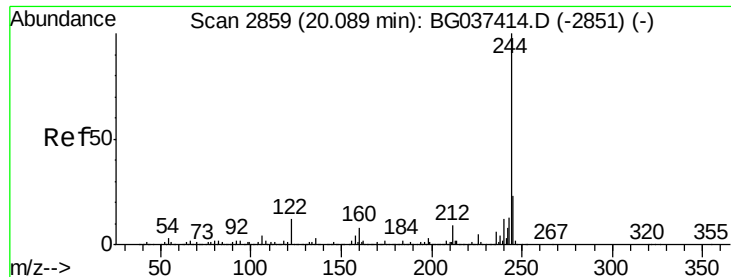
Abundance

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





#79

Terphenyl-d14

Concen: 83.965 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037724.D

Acq: 1 Nov 2018 18:31

Instrument :

BNA\_G

ClientSampleId :

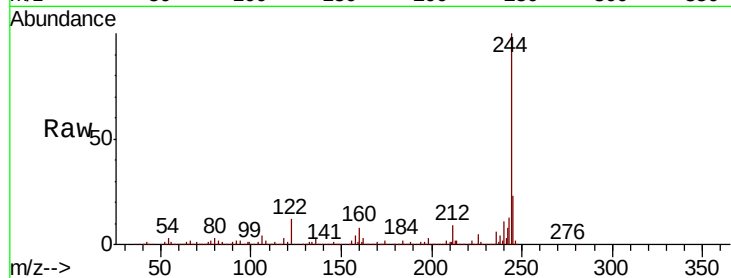
Tot Ion:244 Resp: 1356445

Ion Ratio Lower Upper

244 100

212 8.8 6.5 9.7

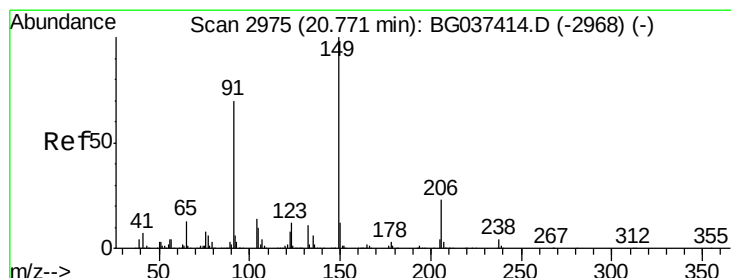
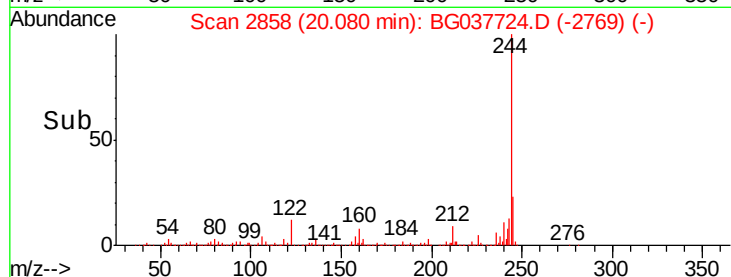
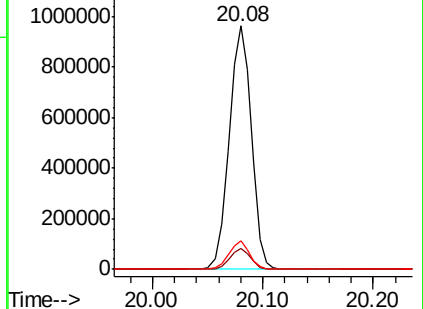
122 11.5 9.0 13.4



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



#80

Butylbenzylphthalate

Concen: 49.393 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BG037724.D

Acq: 1 Nov 2018 18:31

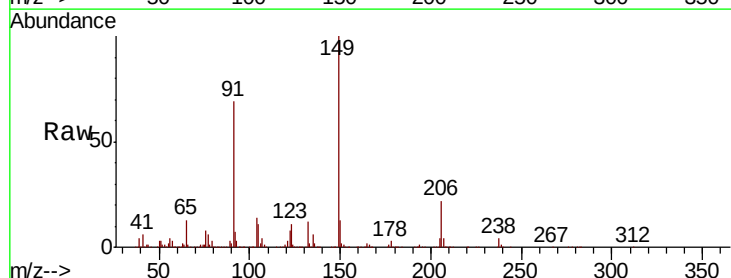
Tgt Ion:149 Resp: 456159

Ion Ratio Lower Upper

149 100

91 68.9 57.0 85.4

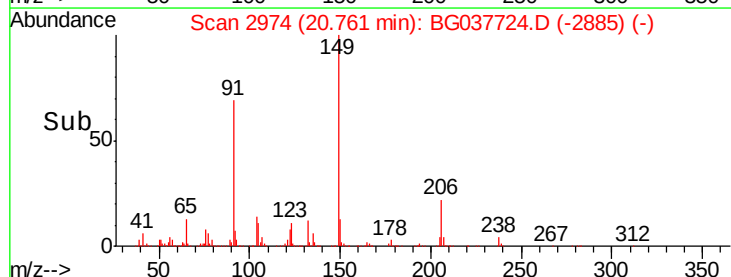
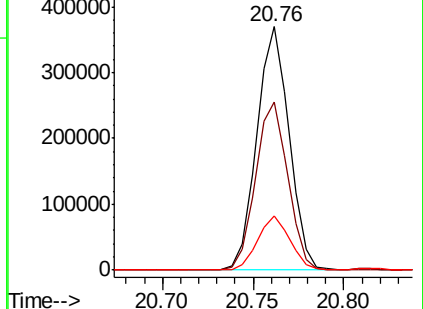
206 22.5 17.8 26.6

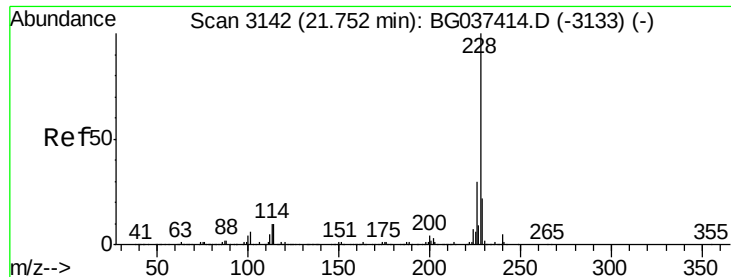


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.708 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG037724.D

Acq: 1 Nov 2018 18:31

Instrument :

BNA\_G

ClientSampleId :

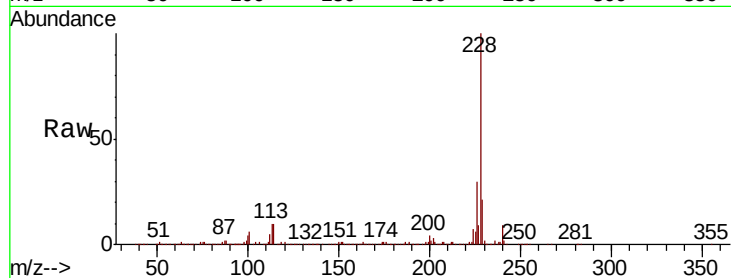
Tot Ion:228 Resp: 974089

Ion Ratio Lower Upper

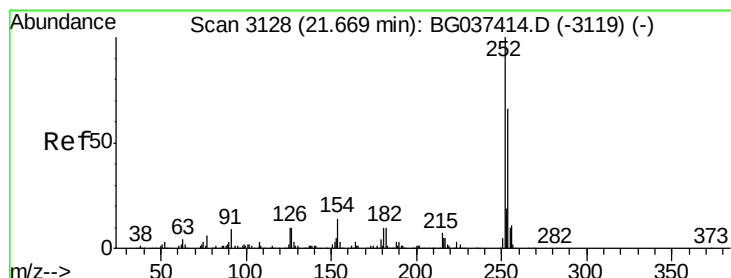
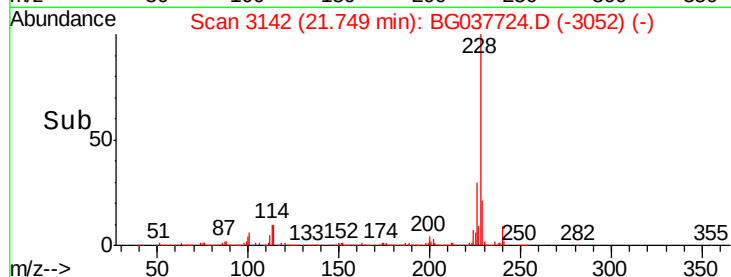
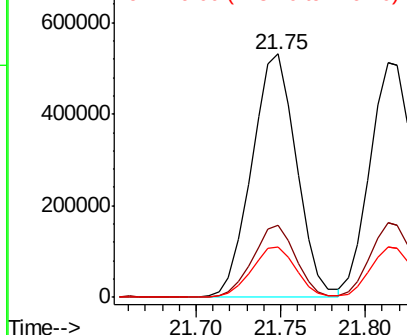
228 100

226 29.5 22.6 33.8

229 20.9 16.3 24.5



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



#82

3,3'-Dichlorobenzidine

Concen: 29.917 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BG037724.D

Acq: 1 Nov 2018 18:31

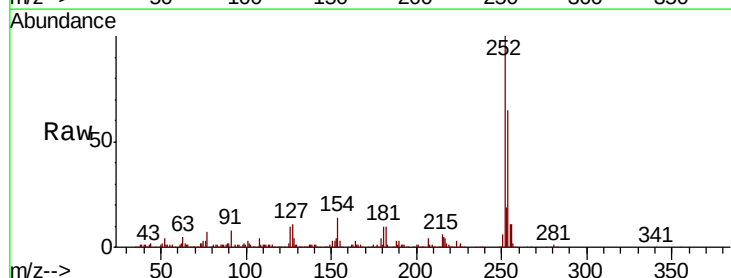
Tgt Ion:252 Resp: 236765

Ion Ratio Lower Upper

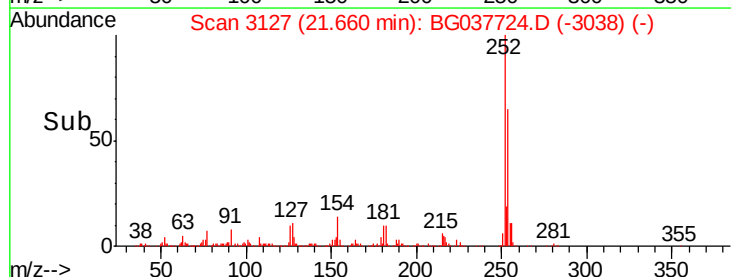
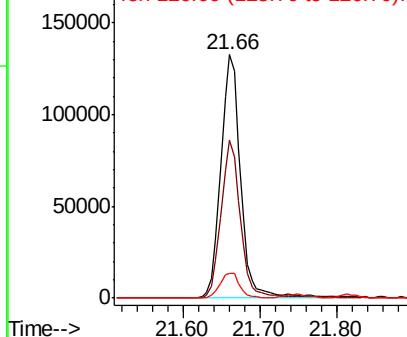
252 100

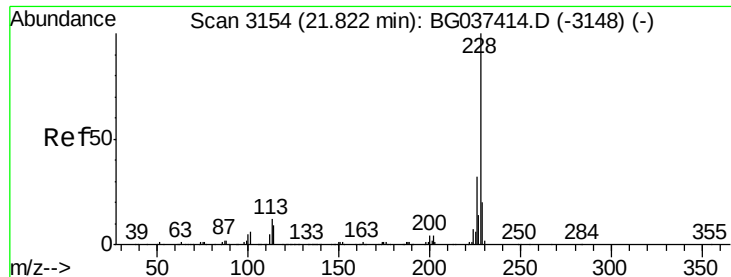
254 64.8 52.0 78.0

126 10.2 8.2 12.4



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





#83

Chrysene

Concen: 46.298 ng

RT: 21.81 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG037724.D

Acq: 1 Nov 2018 18:31

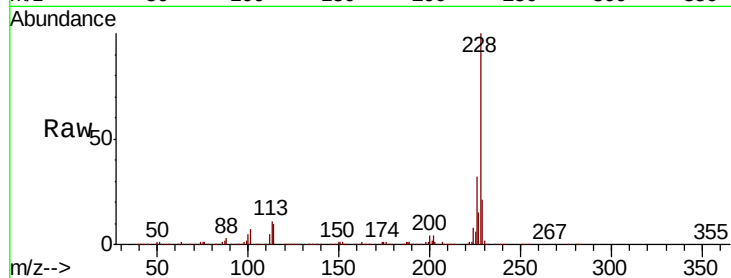
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:228 Resp: 908985

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 31.8  | 25.7  | 38.5  |
| 229 | 21.3  | 16.5  | 24.7  |

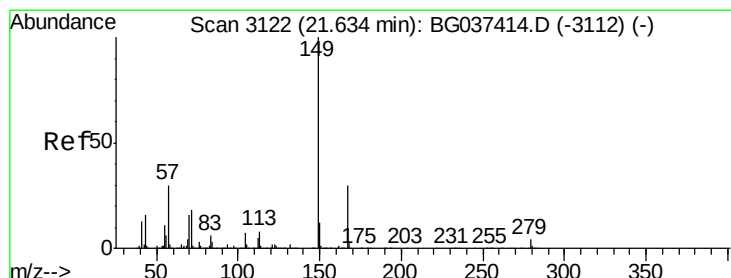
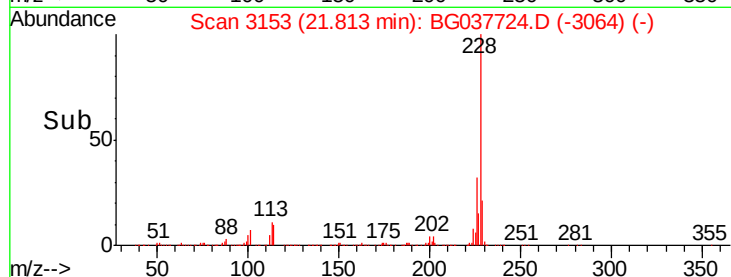
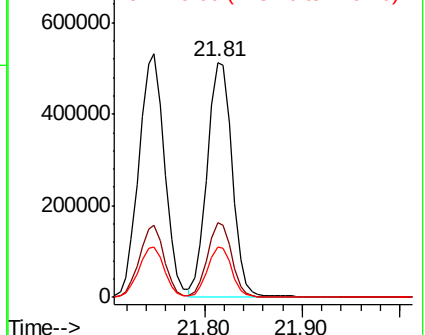


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.580 ng

RT: 21.62 min Scan# 3120

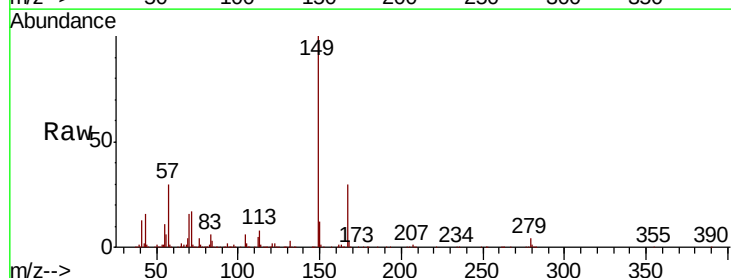
Delta R.T. -0.01 min

Lab File: BG037724.D

Acq: 1 Nov 2018 18:31

Tgt Ion:149 Resp: 641831

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 30.1  | 23.0  | 34.4  |
| 279 | 4.3   | 3.6   | 5.4   |

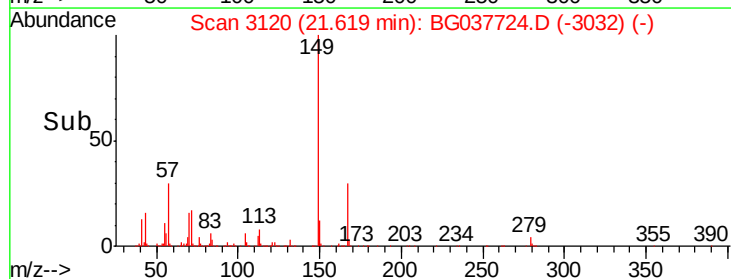
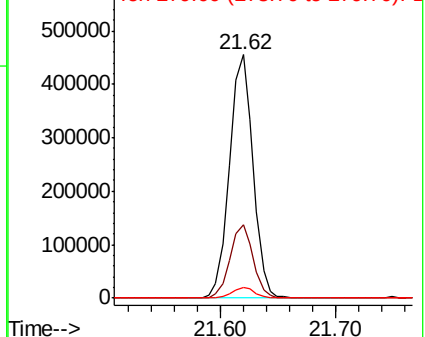


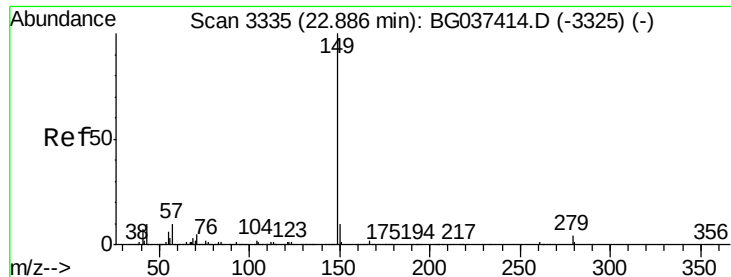
Abundance

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

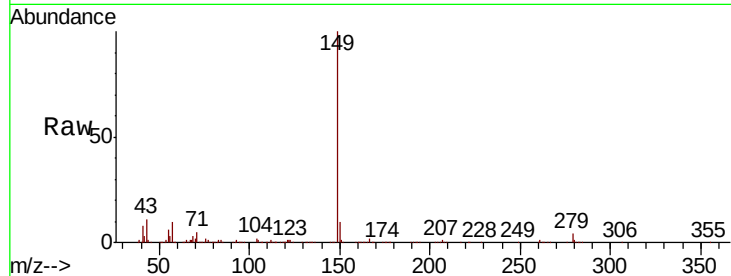




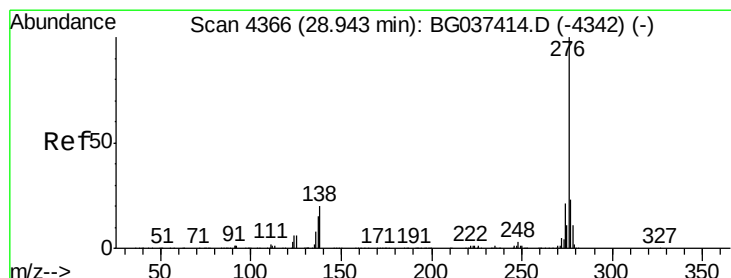
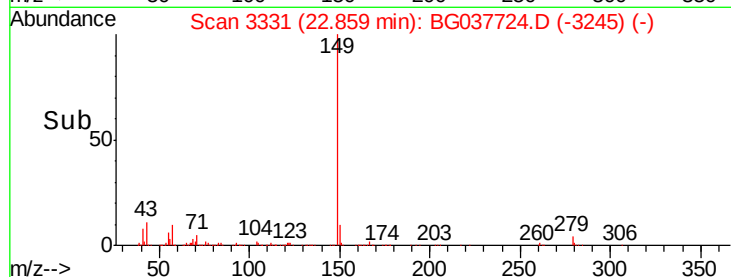
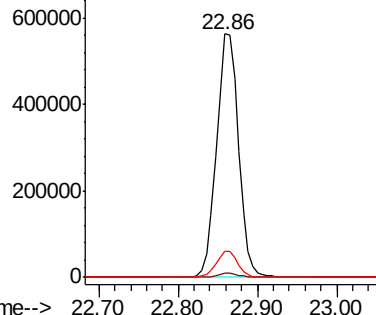
#85  
Di-n-octyl phthalate  
Concen: 51.457 ng  
RT: 22.86 min Scan# 3331  
Delta R.T. -0.03 min  
Lab File: BG037724.D  
Acq: 1 Nov 2018 18:31

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:149 Resp: 1086232  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 10.3 8.7 13.1

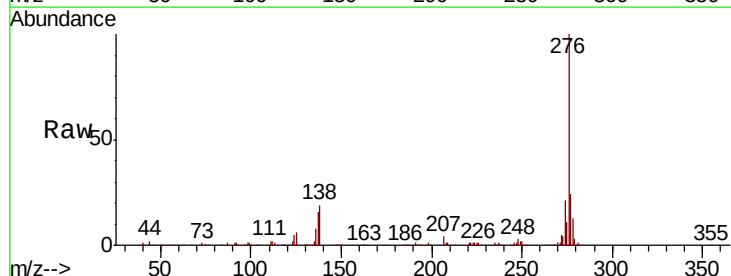


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BGC

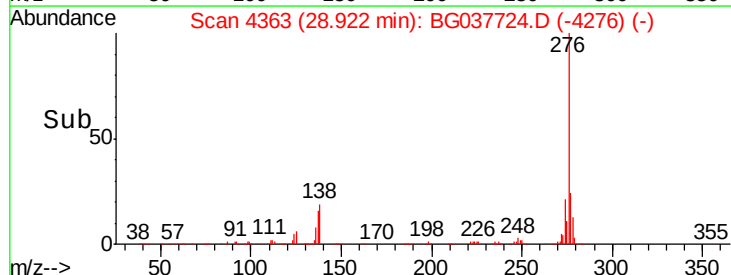
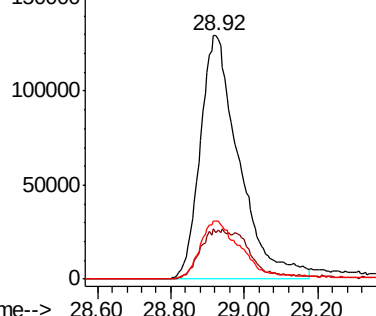


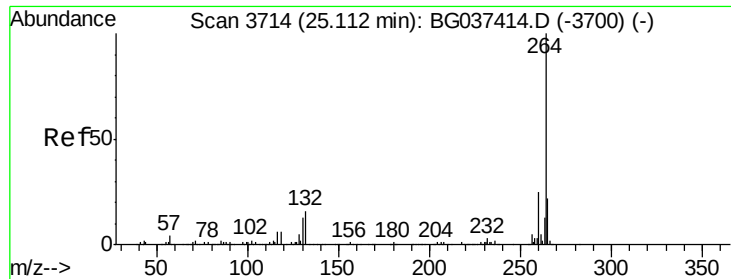
#86  
Indeno(1,2,3-cd)pyrene  
Concen: 45.186 ng  
RT: 28.92 min Scan# 4363  
Delta R.T. -0.02 min  
Lab File: BG037724.D  
Acq: 1 Nov 2018 18:31

Tgt Ion:276 Resp: 951518  
Ion Ratio Lower Upper  
276 100  
138 10.6 12.0 18.0#  
277 24.6 20.6 30.8



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG037724.D

Acq: 1 Nov 2018 18:31

Instrument :

BNA\_G

ClientSampleId :

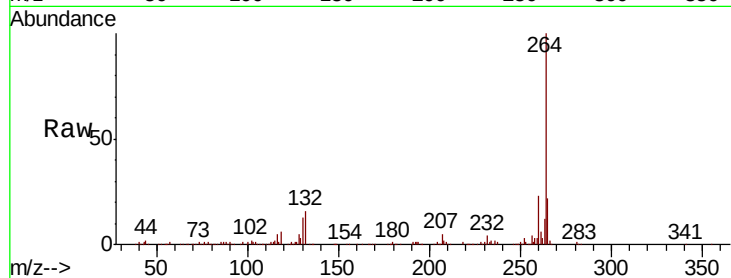
Tot Ion:264 Resp: 358304

Ion Ratio Lower Upper

264 100

260 22.6 18.2 27.4

265 21.8 17.9 26.9

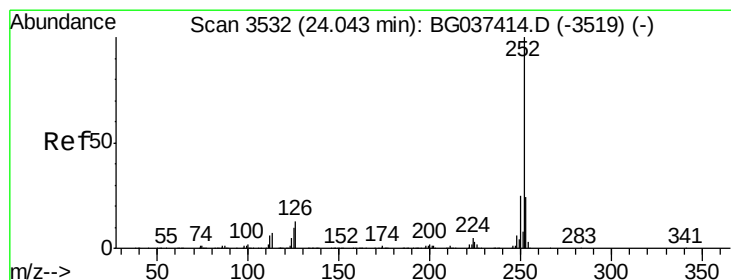
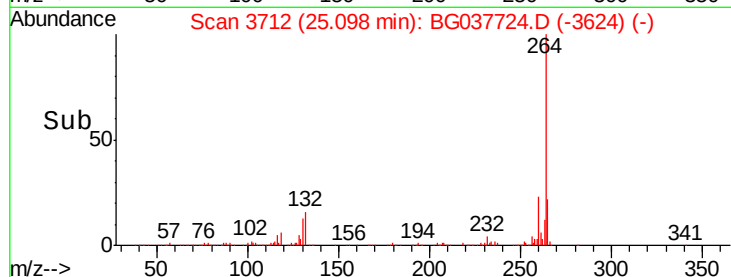
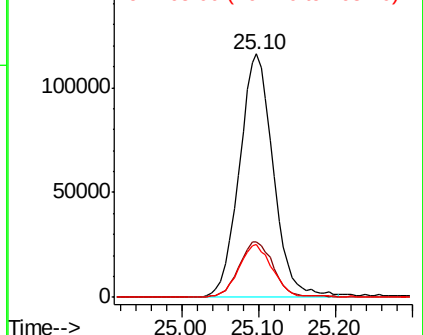


Abundance

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



#88

Benzo(b)fluoranthene

Concen: 48.894 ng

RT: 24.03 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BG037724.D

Acq: 1 Nov 2018 18:31

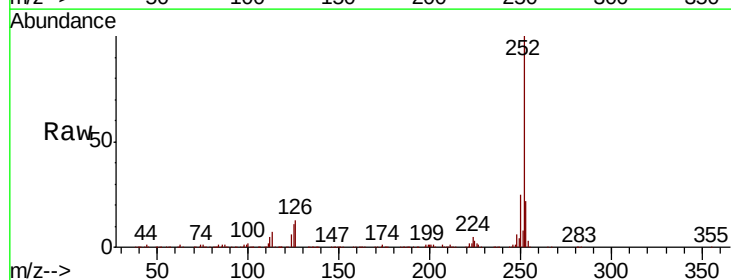
Tgt Ion:252 Resp: 960448

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.2

125 10.8 7.8 11.6

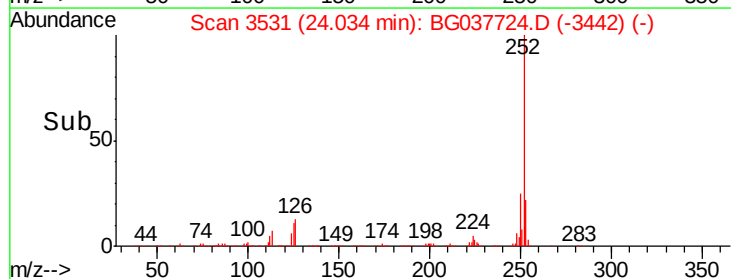
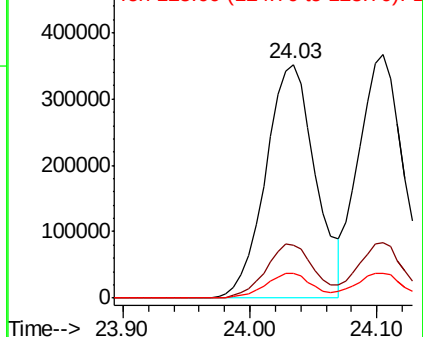


Abundance

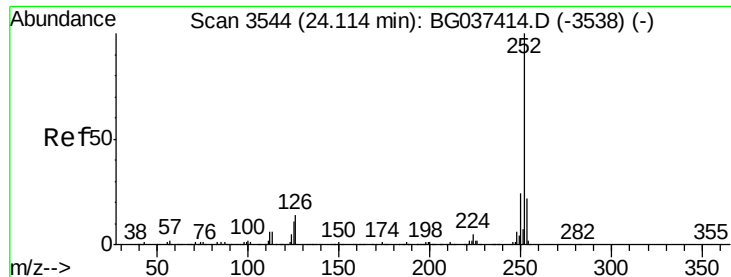
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



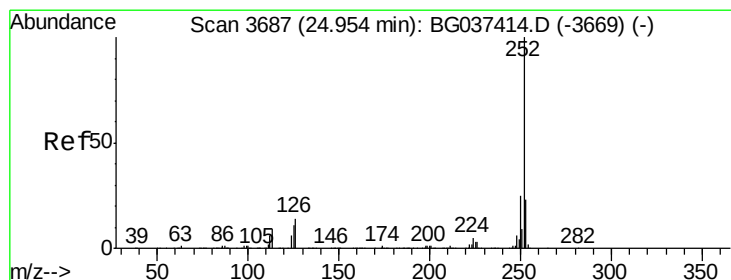
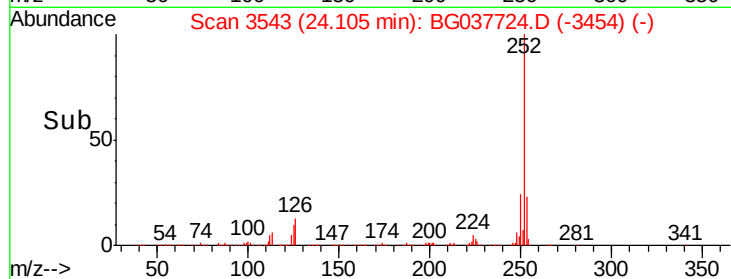
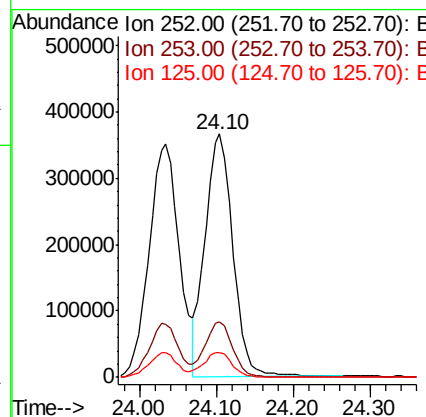
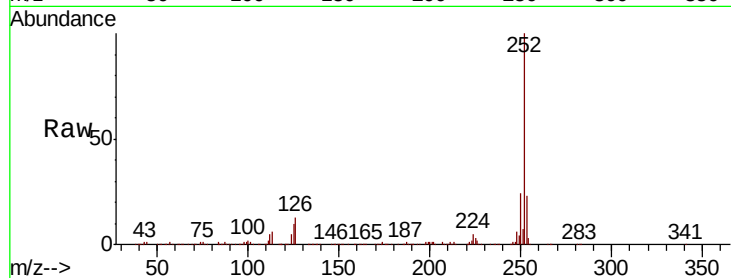




#89  
Benzo(k)fluoranthene  
Concen: 47.120 ng  
RT: 24.10 min Scan# 3543  
Delta R.T. -0.01 min  
Lab File: BG037724.D  
Acq: 1 Nov 2018 18:31

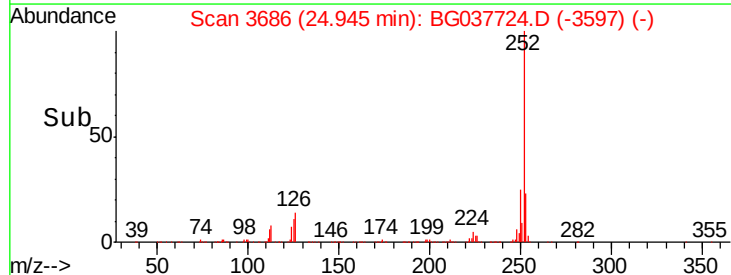
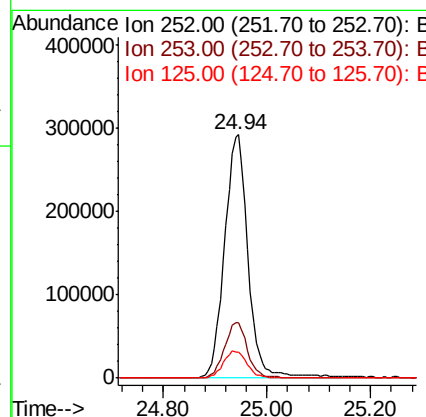
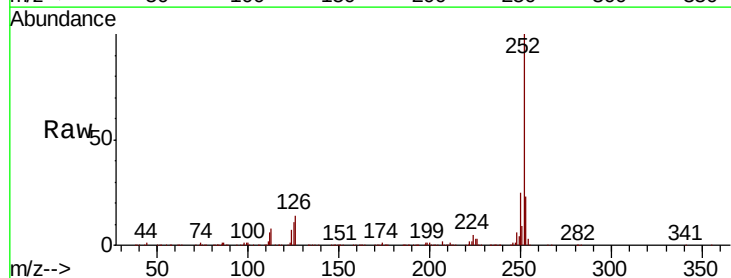
Instrument :  
BNA\_G  
ClientSampleId :

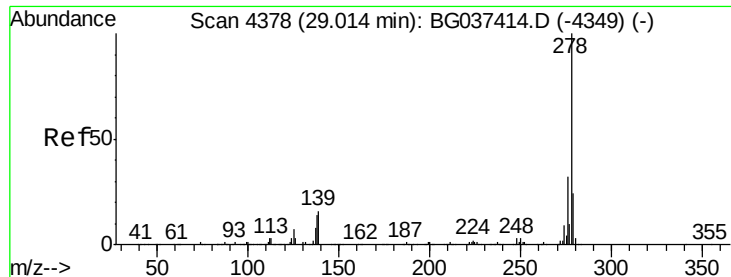
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.0  | 17.4  | 26.2  |
| 125     | 10.4  | 7.4   | 11.0  |



#90  
Benzo(a)pyrene  
Concen: 49.289 ng  
RT: 24.94 min Scan# 3686  
Delta R.T. -0.01 min  
Lab File: BG037724.D  
Acq: 1 Nov 2018 18:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.8  | 17.4  | 26.2  |
| 125     | 10.7  | 9.0   | 13.6  |

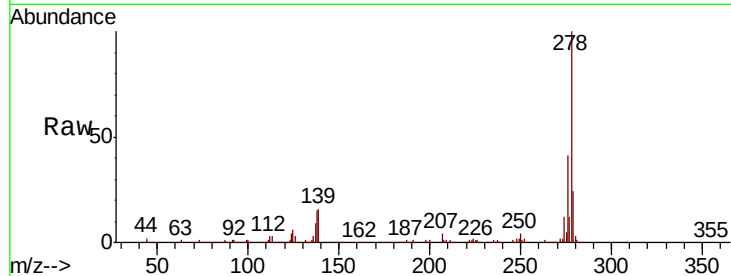




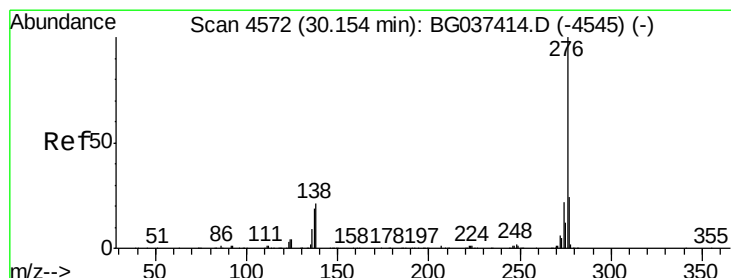
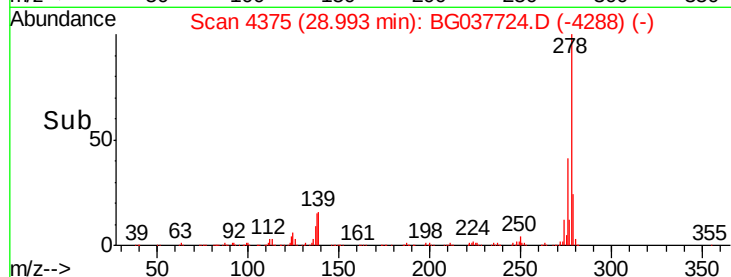
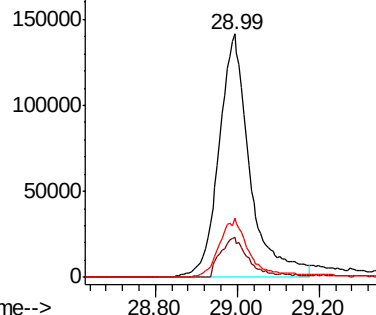
#91  
Dibenzo(a,h)anthracene  
Concen: 43.149 ng  
RT: 28.99 min Scan# 4375  
Delta R.T. -0.02 min  
Lab File: BG037724.D  
Acq: 1 Nov 2018 18:31

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 16.4  | 11.5  | 17.3  |
| 279     | 24.2  | 18.6  | 27.8  |

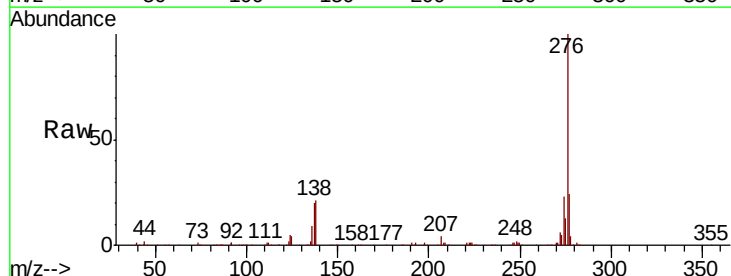


Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 43.802 ng  
RT: 30.13 min Scan# 4569  
Delta R.T. -0.02 min  
Lab File: BG037724.D  
Acq: 1 Nov 2018 18:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.1  | 18.9  | 28.3  |
| 138     | 21.1  | 17.2  | 25.8  |



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

