

Data Path : U:\HPCHEM1\BNA G\DATA\BG020618\  
 Data File : BG032582.D  
 Acq On : 7 Feb 2018 3:41  
 Operator : SJ/JU  
 Sample : J1458-01MSD  
 Misc : MDL-W-8 ppm  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Feb 07 05:40:15 2018  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 06 18:57:08 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.71  | 152  | 18891    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 11.58 | 136  | 71151    | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 15.34 | 164  | 49450    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 18.07 | 188  | 161673   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 22.40 | 240  | 200535   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 26.07 | 264  | 245005   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |        |    |      |
|--------------------------|-------|-----|--------|--------|----|------|
| 5) 2-Fluorophenol        | 6.14  | 112 | 142476 | 151.49 | ng | 0.00 |
| 7) Phenol-d6             | 7.83  | 99  | 220366 | 175.58 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.90  | 82  | 134685 | 118.23 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.82 | 330 | 184298 | 195.79 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.97 | 172 | 355379 | 85.42  | ng | 0.00 |
| 78) Terphenyl-d14        | 20.62 | 244 | 884201 | 94.45  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.80  | 88  | 14832  | 46.871 | ng | # 70   |
| 3) Pyridine                    | 4.26  | 79  | 39363  | 46.068 | ng | # 78   |
| 4) n-Nitrosodimethylamine      | 4.16  | 42  | 22379  | 50.313 | ng | # 72   |
| 6) Aniline                     | 8.00  | 93  | 36625  | 23.405 | ng | 96     |
| 8) 2-Chlorophenol              | 8.26  | 128 | 71322  | 64.152 | ng | # 81   |
| 9) Benzaldehyde                | 7.81  | 77  | 14240  | 21.968 | ng | 95     |
| 10) Phenol                     | 7.86  | 94  | 83454  | 70.020 | ng | 91     |
| 11) bis(2-Chloroethyl)ether    | 8.09  | 93  | 50971  | 56.127 | ng | # 76   |
| 12) 1,3-Dichlorobenzene        | 8.74  | 146 | 69080  | 45.946 | ng | 92     |
| 13) 1,4-Dichlorobenzene        | 8.74  | 146 | 69080  | 45.841 | ng | 89     |
| 14) 1,2-Dichlorobenzene        | 9.08  | 146 | 77149  | 52.261 | ng | 97     |
| 15) Benzyl Alcohol             | 8.95  | 79  | 55651  | 53.802 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 9.23  | 45  | 46735  | 54.310 | ng | 65     |
| 17) 2-Methylphenol             | 9.15  | 107 | 51856  | 53.570 | ng | 97     |
| 18) Hexachloroethane           | 9.83  | 117 | 23226  | 45.906 | ng | 92     |
| 19) n-Nitroso-di-n-propylamine | 9.52  | 70  | 34622  | 41.605 | ng | # 83   |
| 20) 3+4-Methylphenols          | 9.48  | 107 | 58789  | 43.297 | ng | 99     |
| 22) Acetophenone               | 9.55  | 105 | 77330  | 46.365 | ng | # 90   |
| 24) Nitrobenzene               | 9.95  | 77  | 64682  | 58.721 | ng | # 85   |
| 25) Isophorone                 | 10.47 | 82  | 122660 | 63.238 | ng | # 86   |
| 26) 2-Nitrophenol              | 10.67 | 139 | 34564  | 51.908 | ng | # 81   |
| 27) 2,4-Dimethylphenol         | 10.72 | 122 | 54137  | 56.645 | ng | 90     |
| 28) bis(2-Chloroethoxy)methane | 10.96 | 93  | 55923  | 52.577 | ng | # 95   |
| 29) 2,4-Dichlorophenol         | 11.22 | 162 | 65045  | 51.375 | ng | 92     |
| 30) 1,2,4-Trichlorobenzene     | 11.44 | 180 | 72395  | 42.902 | ng | 96     |
| 31) Naphthalene                | 11.64 | 128 | 171165 | 49.255 | ng | 99     |
| 32) Benzoic acid               | 10.72 | 122 | 54137  | 71.694 | ng | # 5    |
| 33) 4-Chloroaniline            | 11.74 | 127 | 37815  | 24.398 | ng | # 91   |
| 34) Hexachlorobutadiene        | 11.90 | 225 | 55576  | 42.331 | ng | 93     |
| 35) Caprolactam                | 12.48 | 113 | 16296  | 44.836 | ng | # 48   |
| 36) 4-Chloro-3-methylphenol    | 12.82 | 107 | 58888  | 49.035 | ng | # 89   |
| 37) 2-Methylnaphthalene        | 13.21 | 142 | 141139 | 48.344 | ng | 96     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.56 | 216 | 96405  | 41.672 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 13.53 | 237 | 137896 | 95.401 | ng | 90     |

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 Misc : MDL-W-8 ppm  
 ALS Vial : 16 Sample Multiplier: 1

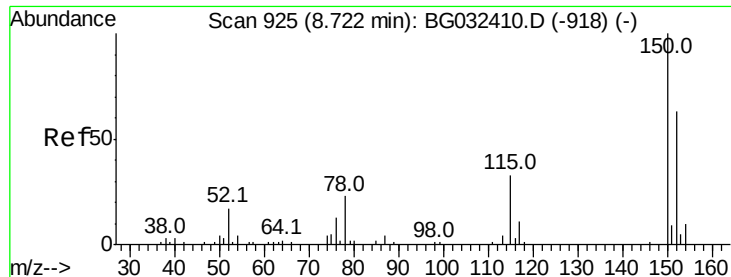
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Feb 07 05:40:15 2018  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 06 18:57:08 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.79 | 196  | 57442    | 45.648  | ng    | 97       |
| 43) 2,4,5-Trichlorophenol      | 13.79 | 196  | 57442    | 39.159  | ng    | 95       |
| 45) 1,1'-Biphenyl              | 14.18 | 154  | 194005   | 46.437  | ng    | 97       |
| 46) 2-Chloronaphthalene        | 14.23 | 162  | 149602   | 45.687  | ng    | 97       |
| 47) 2-Nitroaniline             | 14.43 | 65   | 31864    | 44.004  | ng    | # 69     |
| 48) Acenaphthylene             | 15.07 | 152  | 230591   | 46.582  | ng    | 99       |
| 49) Dimethylphthalate          | 14.78 | 163  | 229705   | 50.379  | ng    | 98       |
| 50) 2,6-Dinitrotoluene         | 14.90 | 165  | 44358    | 46.352  | ng    | # 75     |
| 51) Acenaphthene               | 15.40 | 154  | 161457   | 47.030  | ng    | 97       |
| 52) 3-Nitroaniline             | 15.24 | 138  | 26960    | 32.253  | ng    | # 67     |
| 53) 2,4-Dinitrophenol          | 15.44 | 184  | 25359    | 44.378  | ng    | # 62     |
| 54) Dibenzofuran               | 15.73 | 168  | 241708   | 47.568  | ng    | 100      |
| 55) 4-Nitrophenol              | 15.53 | 139  | 67081    | 107.194 | ng    | # 78     |
| 56) 2,4-Dinitrotoluene         | 15.68 | 165  | 65653    | 48.183  | ng    | # 71     |
| 57) Fluorene                   | 16.38 | 166  | 237900   | 56.342  | ng    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.95 | 232  | 72904    | 50.390  | ng    | # 87     |
| 59) Diethylphthalate           | 16.11 | 149  | 209538   | 47.185  | ng    | 98       |
| 60) 4-Chlorophenyl-phenylether | 16.36 | 204  | 145415   | 54.614  | ng    | 93       |
| 61) 4-Nitroaniline             | 16.40 | 138  | 48169    | 53.765  | ng    | 83       |
| 62) Azobenzene                 | 16.65 | 77   | 153512   | 57.846  | ng    | # 82     |
| 64) 4,6-Dinitro-2-methylphenol | 16.44 | 198  | 49532    | 41.010  | ng    | # 69     |
| 65) n-Nitrosodiphenylamine     | 16.57 | 169  | 222524   | 46.120  | ng    | 97       |
| 66) 4-Bromophenyl-phenylether  | 17.25 | 248  | 97655    | 40.772  | ng    | 96       |
| 67) Hexachlorobenzene          | 17.38 | 284  | 110399   | 41.651  | ng    | # 87     |
| 68) Atrazine                   | 17.50 | 200  | 101666   | 49.085  | ng    | 94       |
| 69) Pentachlorophenol          | 17.72 | 266  | 124506   | 74.983  | ng    | 93       |
| 70) Phenanthrene               | 18.12 | 178  | 414004   | 45.919  | ng    | 99       |
| 71) Anthracene                 | 18.21 | 178  | 428019   | 47.678  | ng    | 98       |
| 72) Carbazole                  | 18.47 | 167  | 376006   | 47.404  | ng    | 100      |
| 73) Di-n-butylphthalate        | 18.98 | 149  | 432481   | 49.246  | ng    | 99       |
| 74) Fluoranthene               | 20.08 | 202  | 552438   | 46.722  | ng    | 94       |
| 76) Benzidine                  | 20.25 | 184  | 154146   | 39.146  | ng    | 97       |
| 77) Pyrene                     | 20.44 | 202  | 539400   | 43.855  | ng    | 98       |
| 79) Butylbenzylphthalate       | 21.29 | 149  | 192797   | 49.695  | ng    | # 81     |
| 80) Benzo(a)anthracene         | 22.38 | 228  | 580235   | 46.672  | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 22.27 | 252  | 137199   | 28.484  | ng    | # 96     |
| 82) Chrysene                   | 22.45 | 228  | 547203   | 45.577  | ng    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 22.22 | 149  | 270688   | 49.208  | ng    | # 98     |
| 84) Di-n-octyl phthalate       | 23.58 | 149  | 385391   | 44.171  | ng    | # 88     |
| 85) Indeno(1,2,3-cd)pyrene     | 30.32 | 276  | 835306   | 54.997  | ng    | # 79     |
| 87) Benzo(b)fluoranthene       | 24.89 | 252  | 641082   | 43.305  | ng    | # 96     |
| 88) Benzo(k)fluoranthene       | 24.97 | 252  | 610181   | 41.608  | ng    | # 97     |
| 89) Benzo(a)pyrene             | 25.90 | 252  | 667356   | 47.286  | ng    | # 94     |
| 90) Dibenzo(a,h)anthracene     | 30.40 | 278  | 715238   | 49.540  | ng    | # 92     |
| 91) Benzo(g,h,i)perylene       | 31.66 | 276  | 684175   | 47.743  | ng    | # 91     |

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



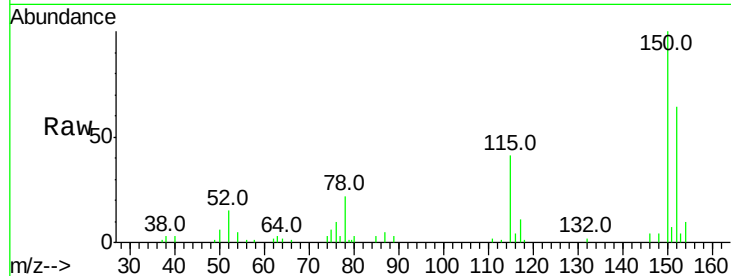


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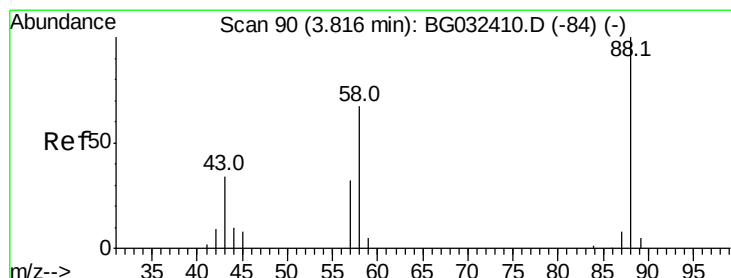
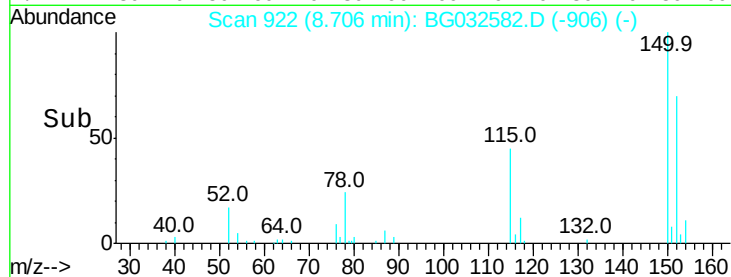
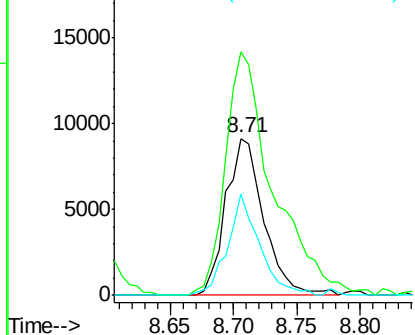
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.71 min Scan# 922  
 Delta R.T. -0.00 min  
 Lab File: BG032582.D  
 Acq: 7 Feb 2018 3:41

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:152 Resp: 18891  
 Ion Ratio Lower Upper  
 152 100  
 150 155.4 126.6 189.8  
 115 64.4 53.0 79.4



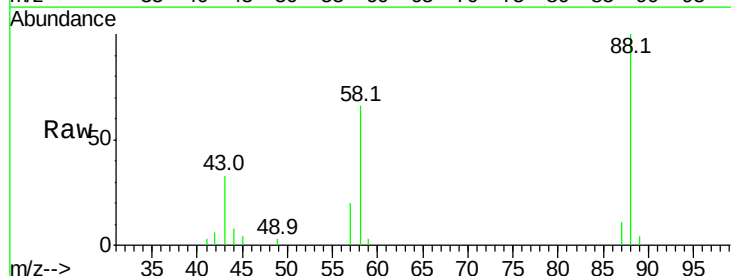
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



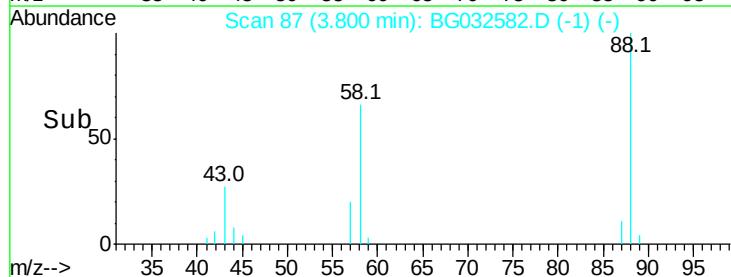
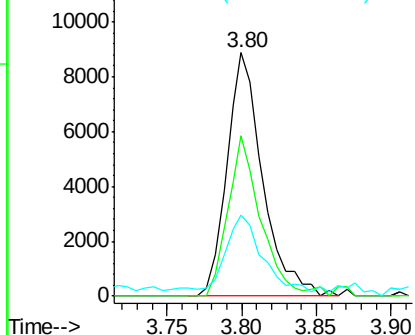
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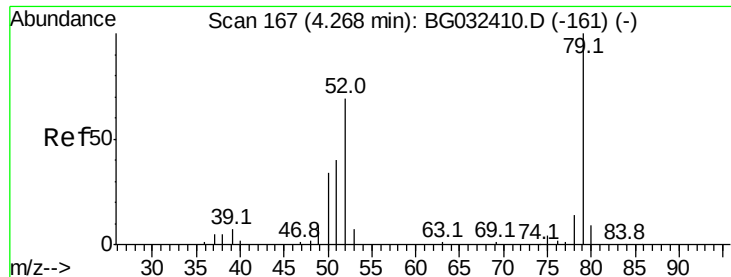
1,4-Dioxane  
 Concen: 46.871 ng  
 RT: 3.80 min Scan# 87  
 Delta R.T. -0.01 min  
 Lab File: BG032582.D  
 Acq: 7 Feb 2018 3:41

Tgt Ion: 88 Resp: 14832  
 Ion Ratio Lower Upper  
 88 100  
 58 61.0 79.6 119.4#  
 43 31.1 27.4 41.0



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: 46.068 ng

RT: 4.26 min Scan# 165

Delta R.T. -0.00 min

Lab File: BG032582.D

Acq: 7 Feb 2018 3:41

Instrument :

BNA\_G

ClientSampleId :

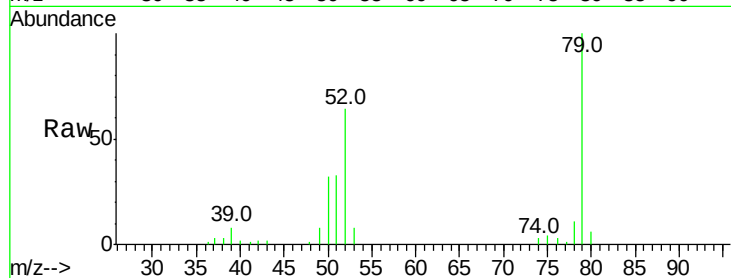
Tot Ion: 79 Resp: 39363

Ion Ratio Lower Upper

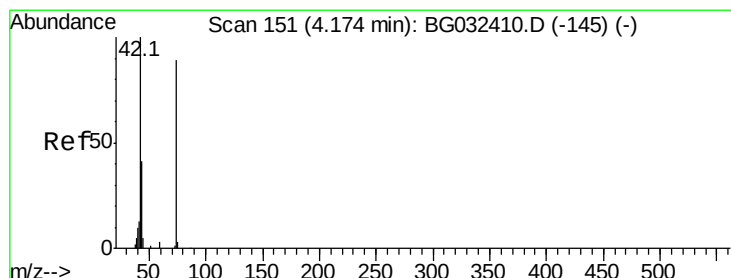
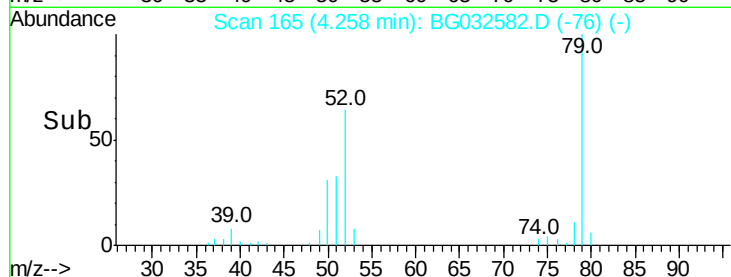
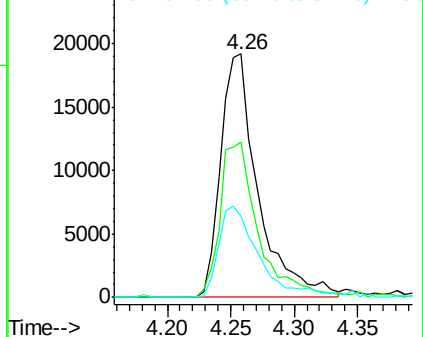
79 100

52 64.0 69.9 104.9#

51 33.3 34.0 51.0#



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: 50.313 ng

RT: 4.16 min Scan# 149

Delta R.T. -0.00 min

Lab File: BG032582.D

Acq: 7 Feb 2018 3:41

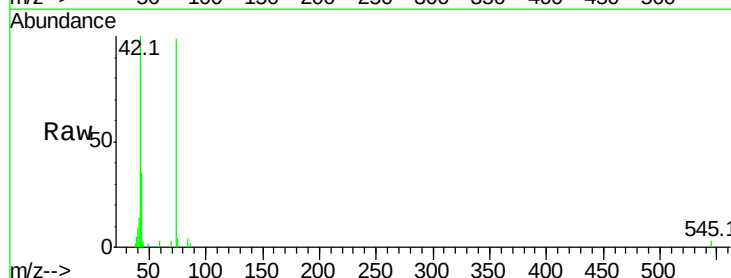
Tgt Ion: 42 Resp: 22379

Ion Ratio Lower Upper

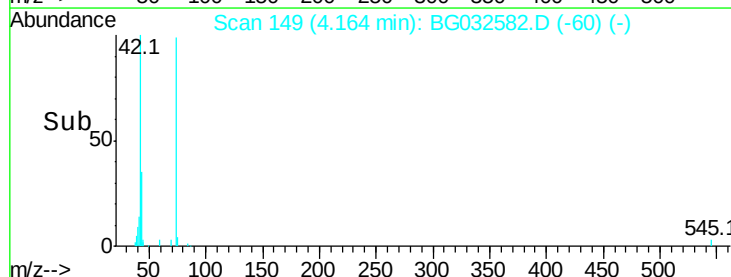
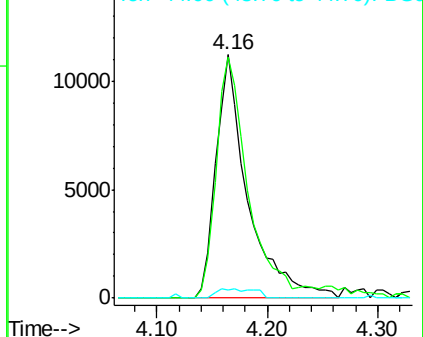
42 100

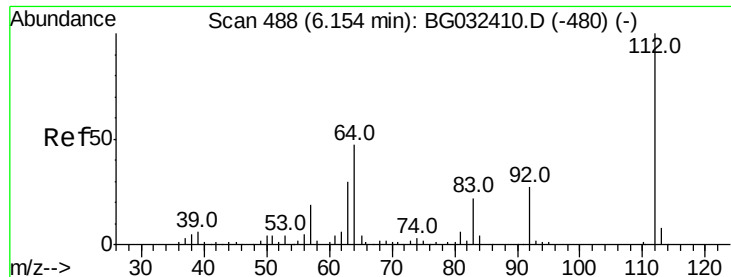
74 99.0 102.5 153.7#

44 3.1 18.9 28.3#



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: 151.485 ng

RT: 6.14 min Scan# 486

Delta R.T. 0.00 min

Lab File: BG032582.D

Acq: 7 Feb 2018 3:41

Instrument :

BNA\_G

ClientSampled :

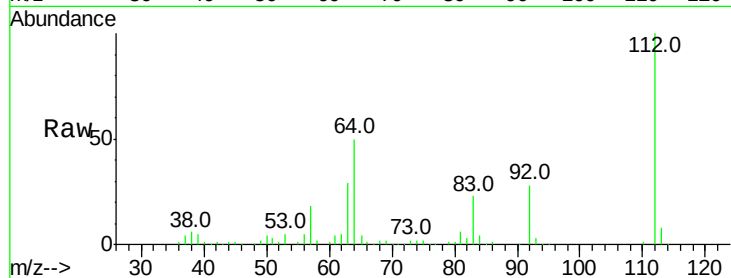
Tot Ion:112 Resp: 142476

Ion Ratio Lower Upper

112 100

64 50.4 56.3 84.5#

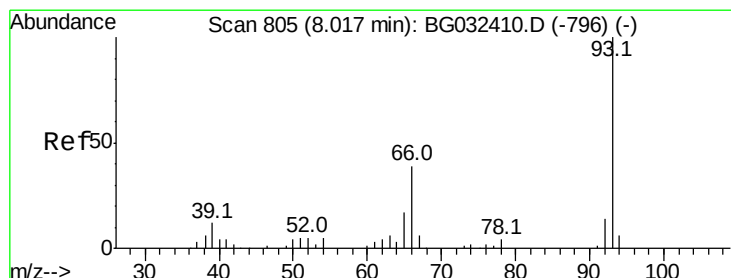
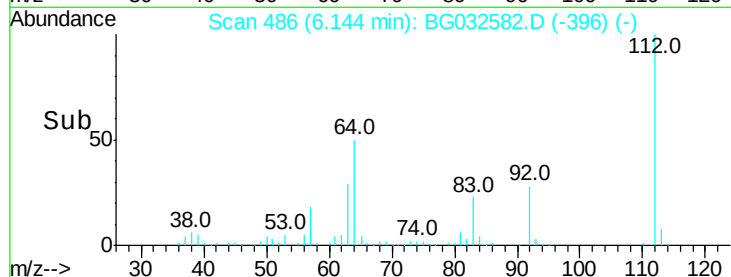
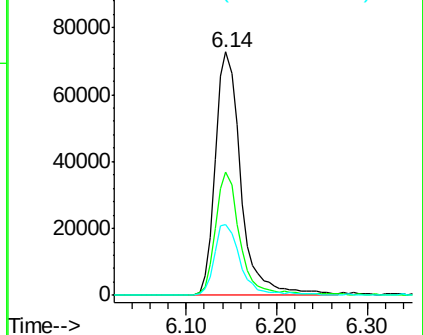
63 29.3 30.1 45.1#



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: 23.405 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.00 min

Lab File: BG032582.D

Acq: 7 Feb 2018 3:41

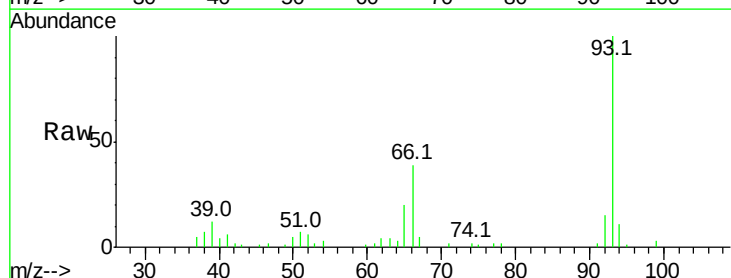
Tgt Ion: 93 Resp: 36625

Ion Ratio Lower Upper

93 100

66 38.6 33.7 50.5

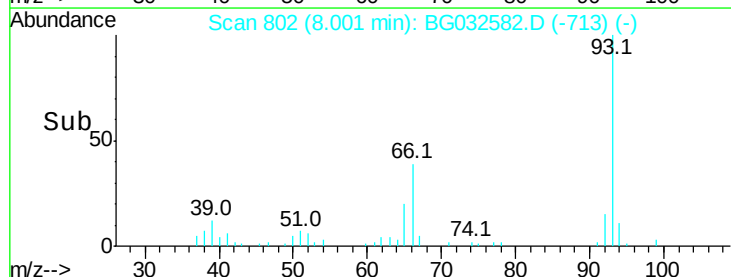
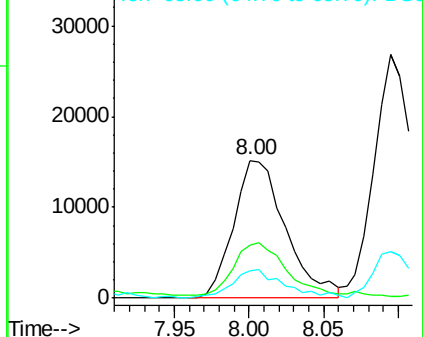
65 20.0 16.1 24.1

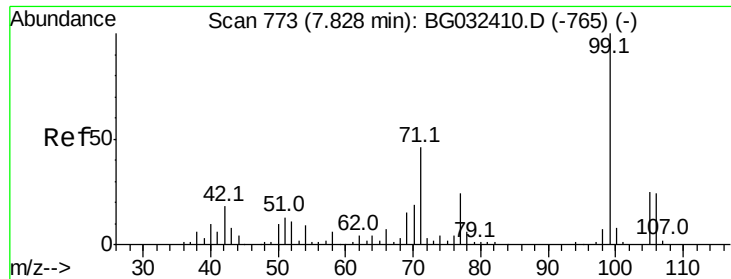


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 175.583 ng

RT: 7.83 min Scan# 773

Delta R.T. 0.01 min

Lab File: BG032582.D

Acq: 7 Feb 2018 3:41

Instrument :

BNA\_G

ClientSampled :

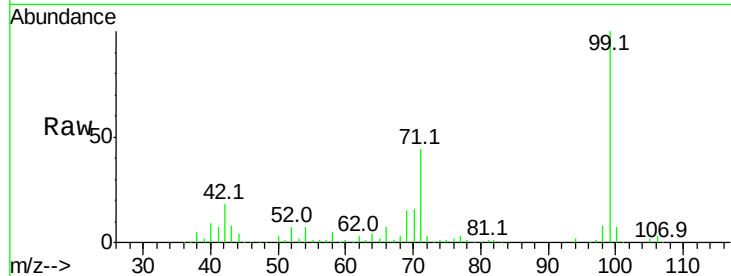
Tot Ion: 99 Resp: 220366

Ion Ratio Lower Upper

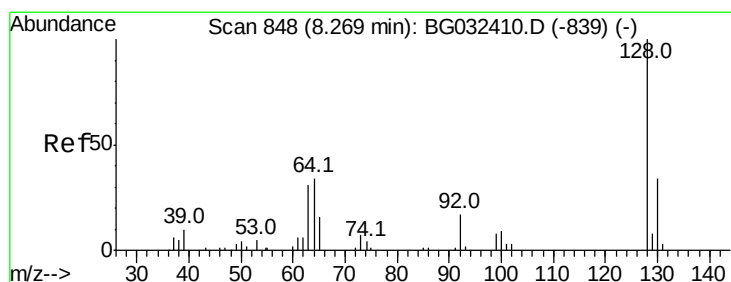
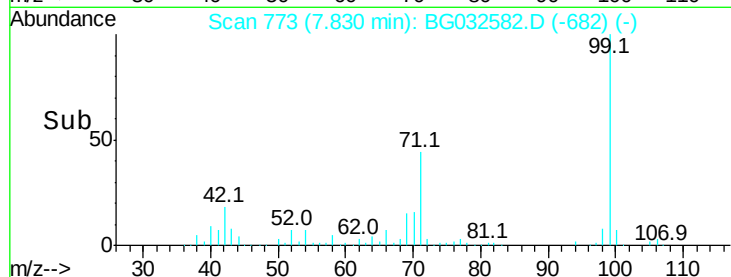
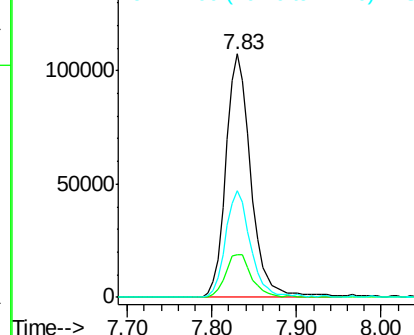
99 100

42 17.8 14.1 21.1

71 43.9 26.1 39.1#



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: 64.152 ng

RT: 8.26 min Scan# 846

Delta R.T. 0.00 min

Lab File: BG032582.D

Acq: 7 Feb 2018 3:41

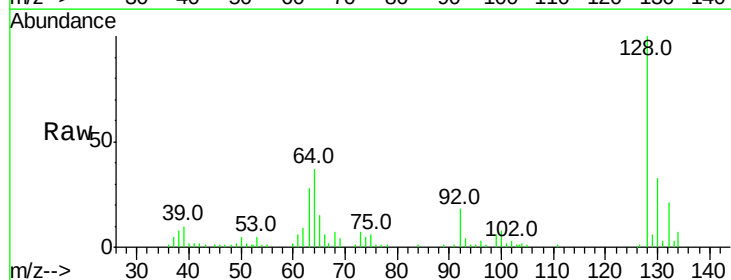
Tgt Ion:128 Resp: 71322

Ion Ratio Lower Upper

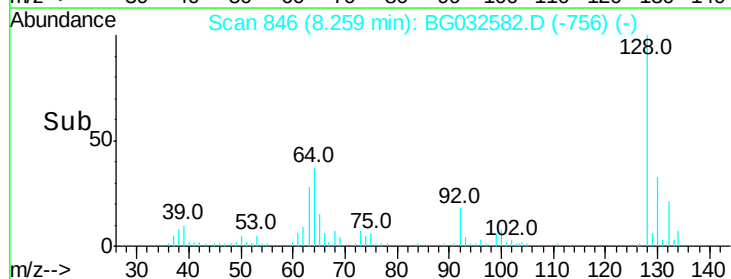
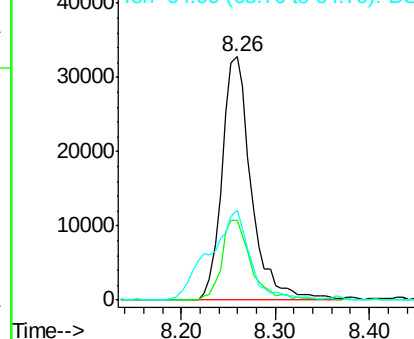
128 100

130 32.6 14.0 54.0

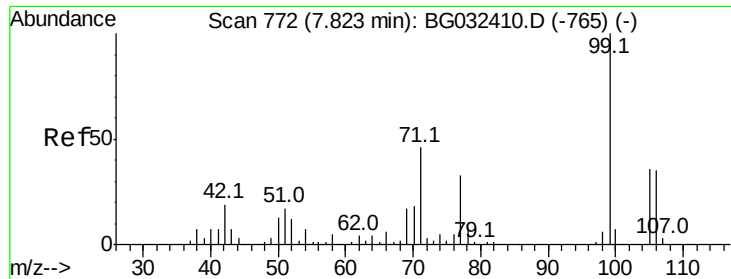
64 36.7 37.7 77.7#



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







#9

Benzaldehyde

Concen: 21.968 ng

RT: 7.81 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG032582.D

Acq: 7 Feb 2018 3:41

Instrument :

BNA\_G

ClientSampleId :

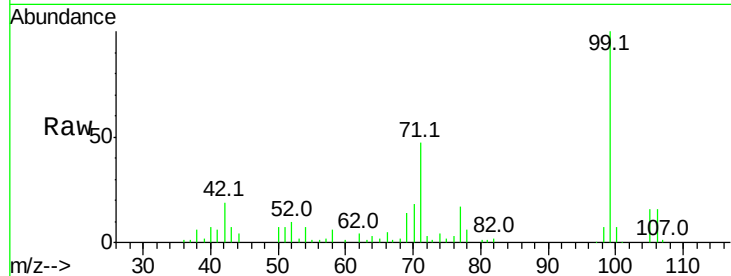
Tot Ion: 77 Resp: 14240

Ion Ratio Lower Upper

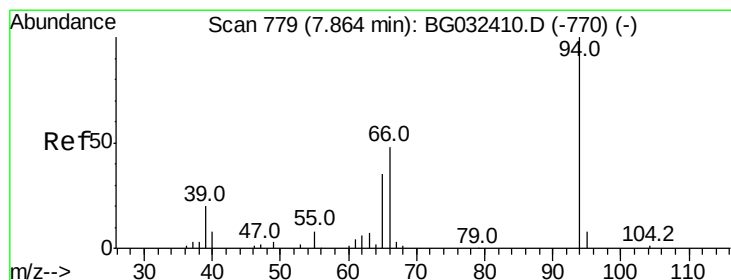
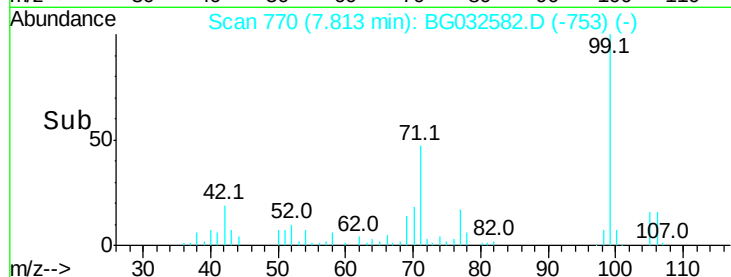
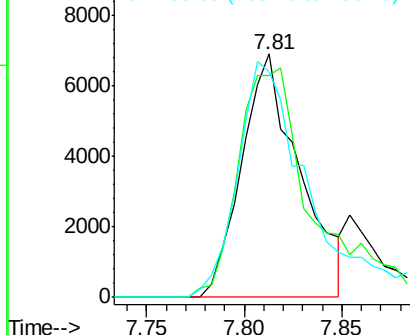
77 100

105 90.9 71.3 111.3

106 92.9 64.2 104.2



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: 70.020 ng

RT: 7.86 min Scan# 778

Delta R.T. 0.01 min

Lab File: BG032582.D

Acq: 7 Feb 2018 3:41

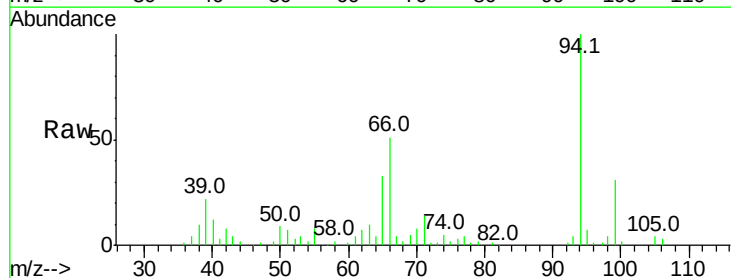
Tgt Ion: 94 Resp: 83454

Ion Ratio Lower Upper

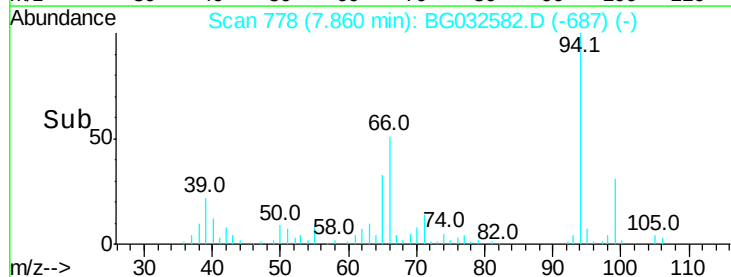
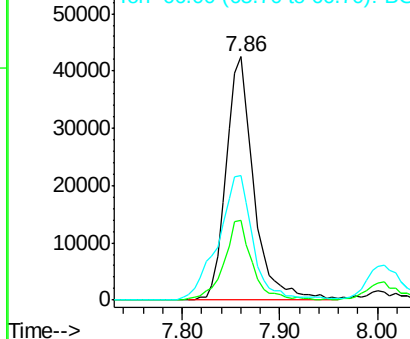
94 100

65 33.0 11.9 51.9

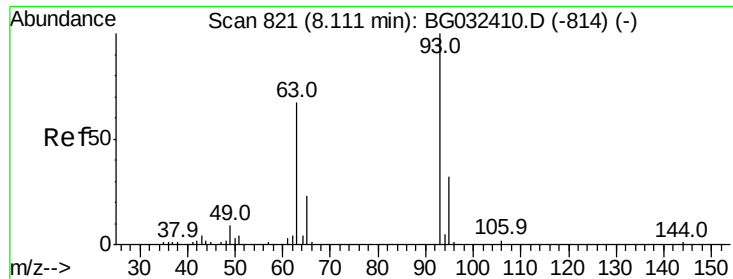
66 51.4 22.2 62.2



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: 56.127 ng

RT: 8.09 min Scan# 818

Delta R.T. -0.00 min

Lab File: BG032582.D

Acq: 7 Feb 2018 3:41

Instrument :

BNA\_G

ClientSampleId :

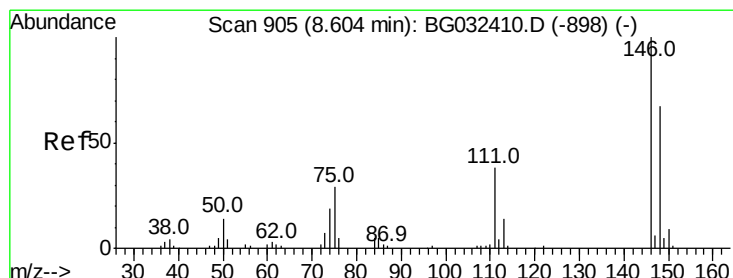
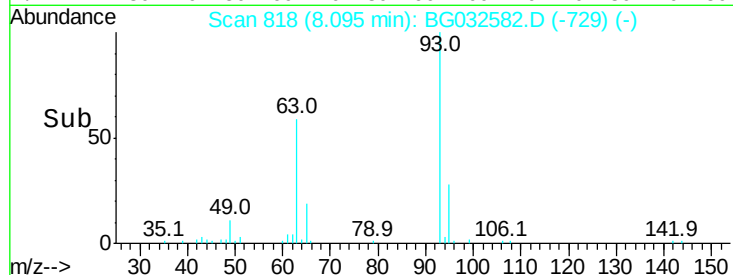
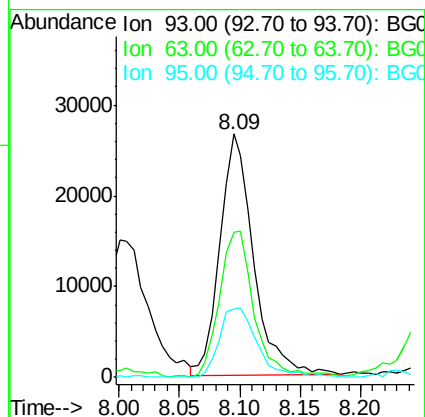
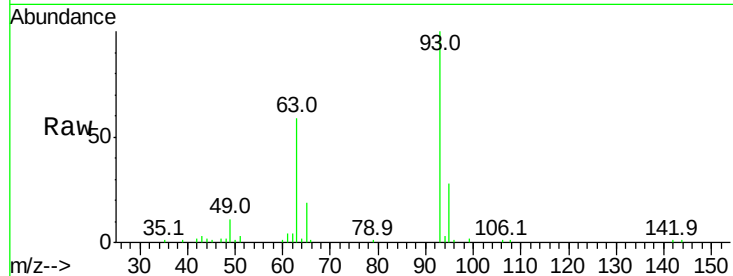
Tot Ion: 93 Resp: 50971

Ion Ratio Lower Upper

93 100

63 59.3 67.1 107.1#

95 28.1 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 45.946 ng

RT: 8.74 min Scan# 928

Delta R.T. 0.15 min

Lab File: BG032582.D

Acq: 7 Feb 2018 3:41

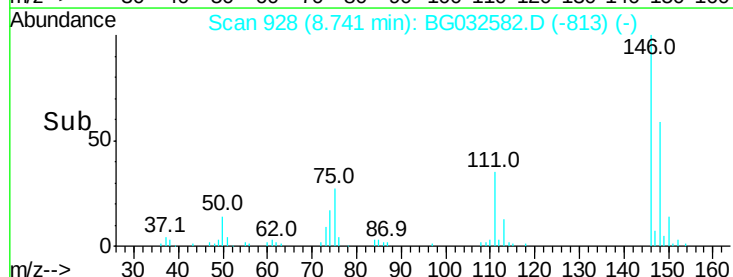
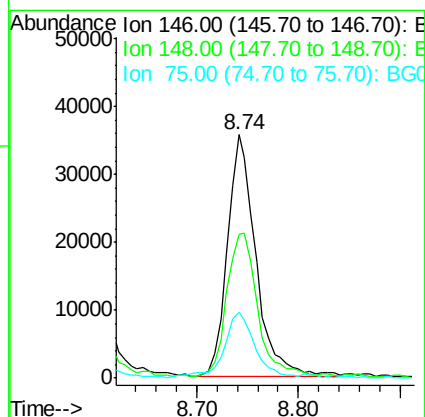
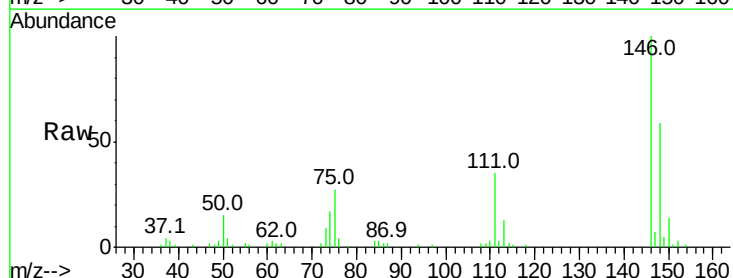
Tgt Ion: 146 Resp: 69080

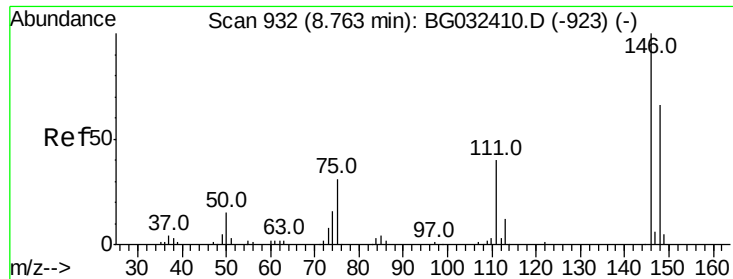
Ion Ratio Lower Upper

146 100

148 59.3 51.4 77.2

75 26.9 26.6 39.8

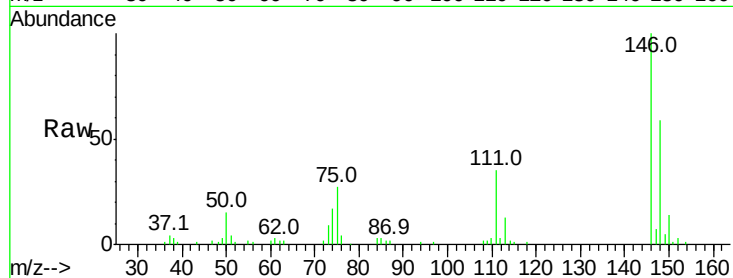




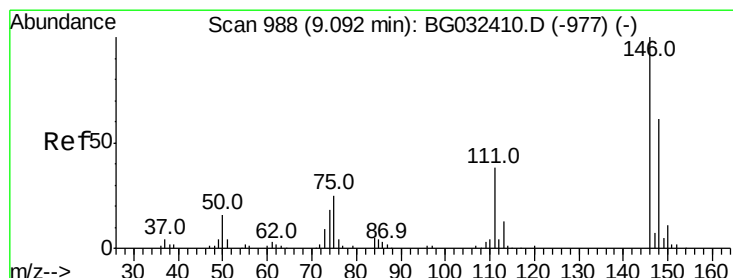
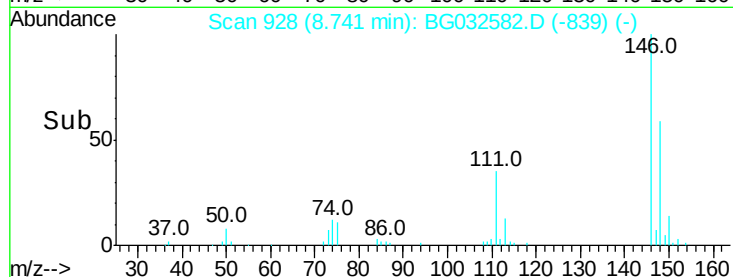
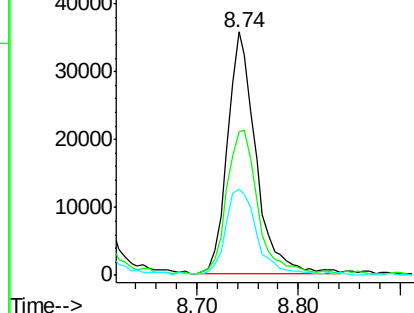
#13  
 1,4-Dichlorobenzene  
 Concen: 45.841 ng  
 RT: 8.74 min Scan# 928  
 Delta R.T. -0.00 min  
 Lab File: BG032582.D  
 Acq: 7 Feb 2018 3:41

Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion:146 Resp: 69080  
 Ion Ratio Lower Upper  
 146 100  
 148 59.3 53.7 80.5  
 111 35.4 35.2 52.8

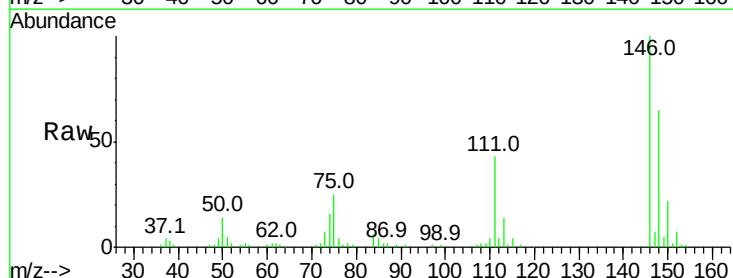


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

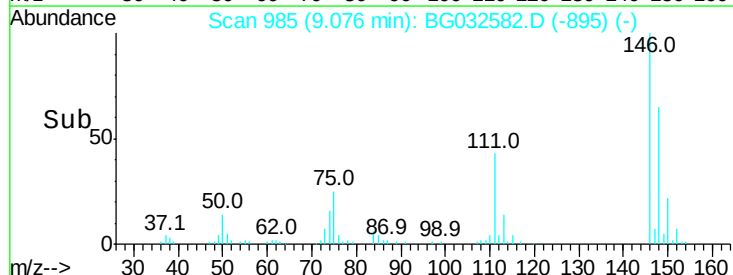
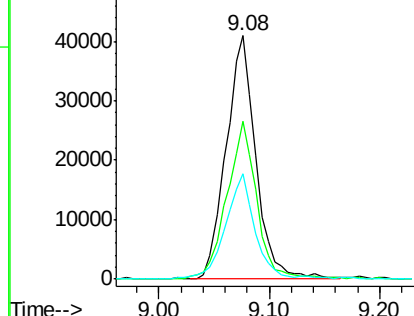


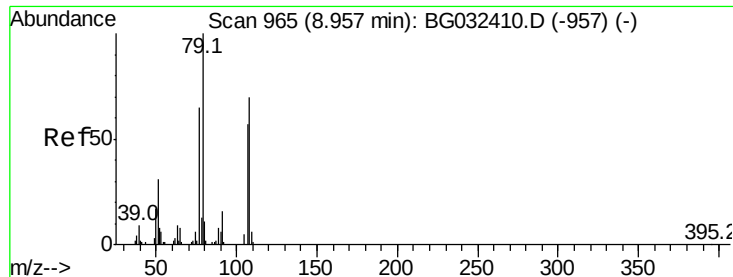
#14  
 1,2-Dichlorobenzene  
 Concen: 52.261 ng  
 RT: 9.08 min Scan# 985  
 Delta R.T. 0.00 min  
 Lab File: BG032582.D  
 Acq: 7 Feb 2018 3:41

Tgt Ion:146 Resp: 77149  
 Ion Ratio Lower Upper  
 146 100  
 148 65.0 49.3 73.9  
 111 43.2 34.3 51.5



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: 53.802 ng

RT: 8.95 min Scan# 963

Delta R.T. 0.00 min

Lab File: BG032582.D

Acq: 7 Feb 2018 3:41

Instrument :

BNA\_G

ClientSampleId :

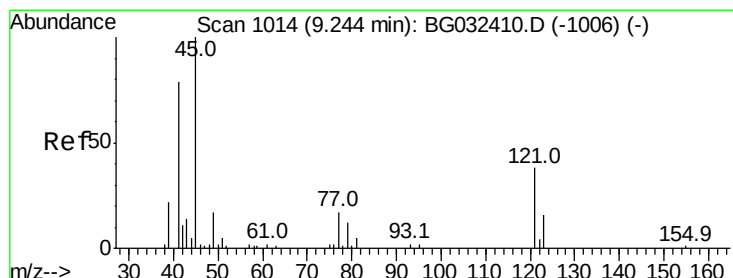
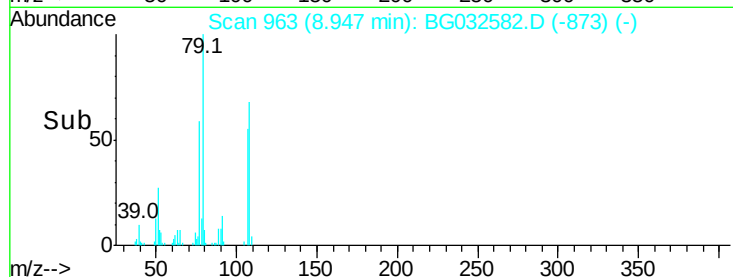
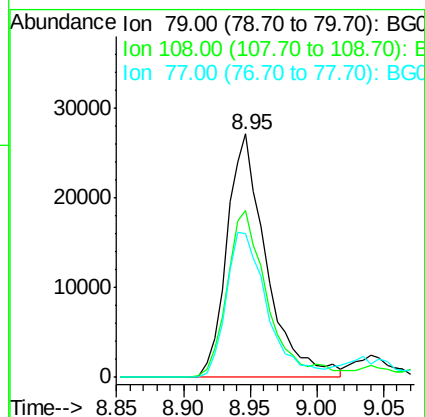
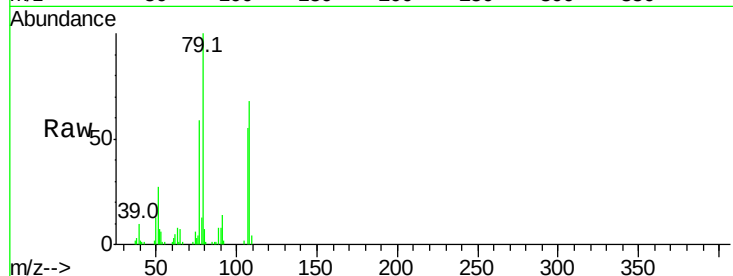
Tot Ion: 79 Resp: 55651

Ion Ratio Lower Upper

79 100

108 68.5 57.2 85.8

77 58.8 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 54.310 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BG032582.D

Acq: 7 Feb 2018 3:41

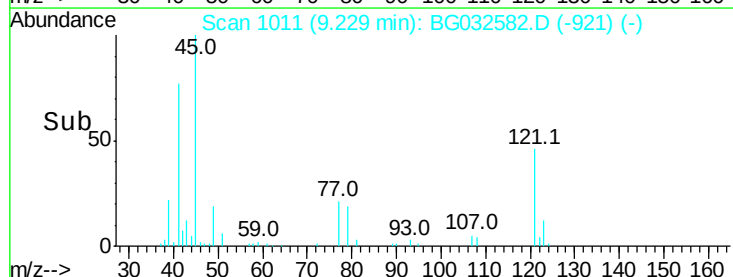
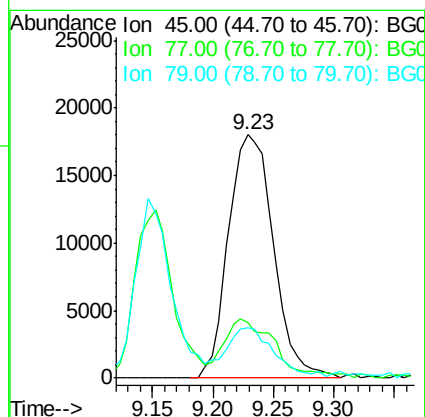
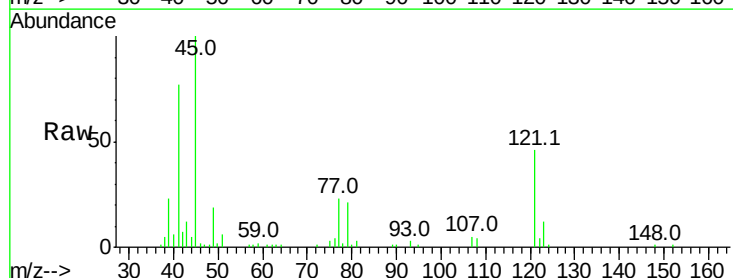
Tgt Ion: 45 Resp: 46735

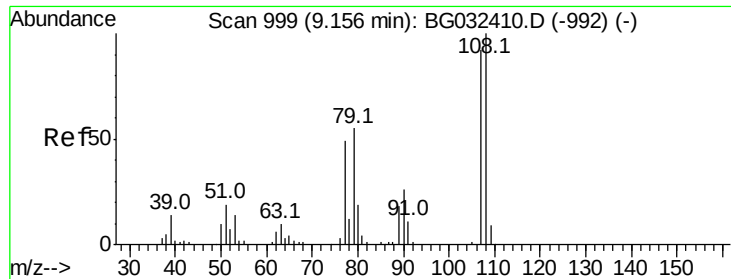
Ion Ratio Lower Upper

45 100

77 23.0 0.0 30.2

79 20.8 0.0 27.9





#17

2-Methylphenol

Concen: 53.570 ng

RT: 9.15 min Scan# 997

Delta R.T. -0.00 min

Lab File: BG032582.D

Acq: 7 Feb 2018 3:41

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:107 Resp: 51856

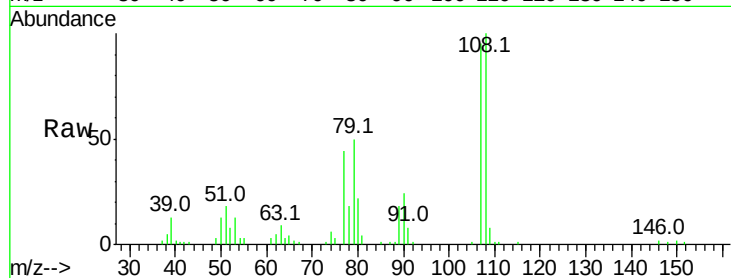
Ion Ratio Lower Upper

107 100

108 105.1 83.9 125.9

77 46.4 37.2 55.8

79 52.6 36.2 54.2

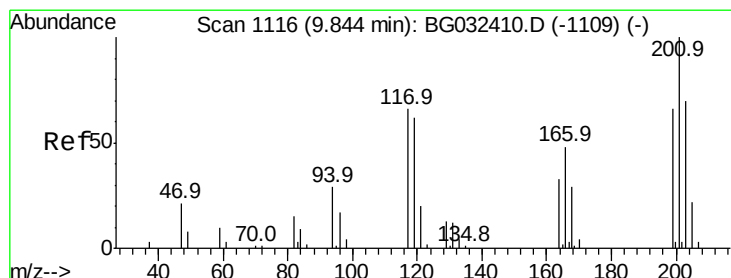
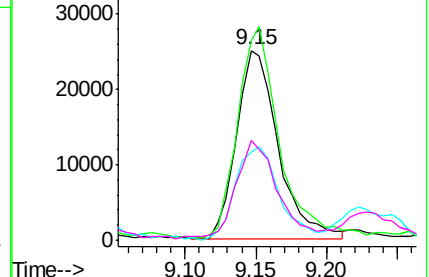
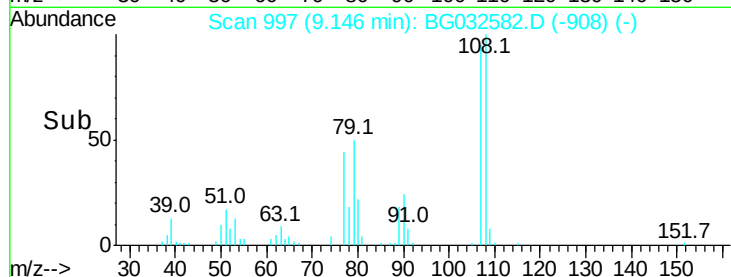


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 45.906 ng

RT: 9.83 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BG032582.D

Acq: 7 Feb 2018 3:41

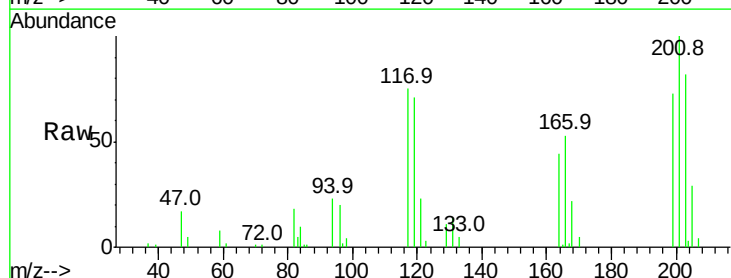
Tgt Ion:117 Resp: 23226

Ion Ratio Lower Upper

117 100

119 94.4 76.7 115.1

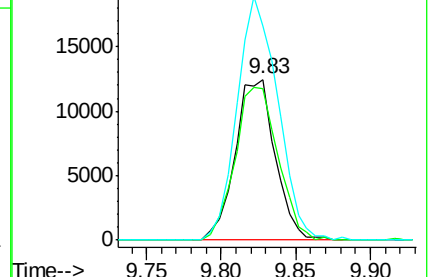
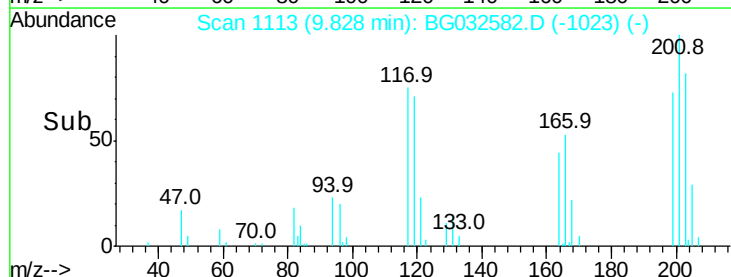
201 133.4 95.7 143.5

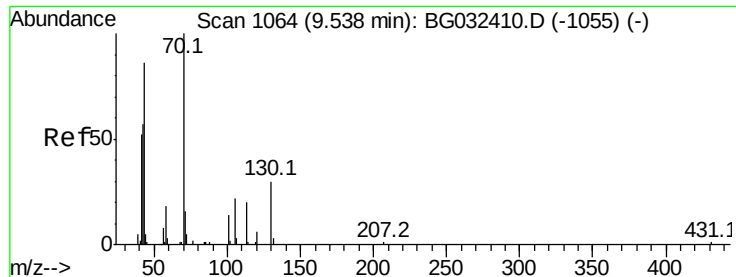


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

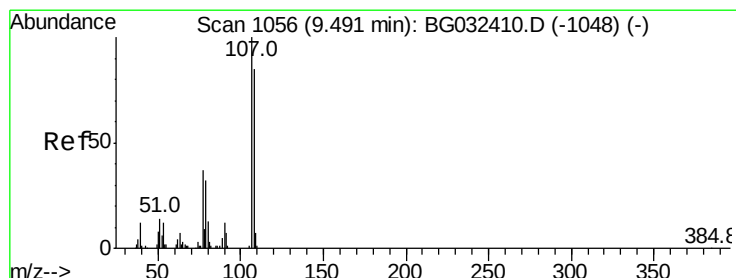
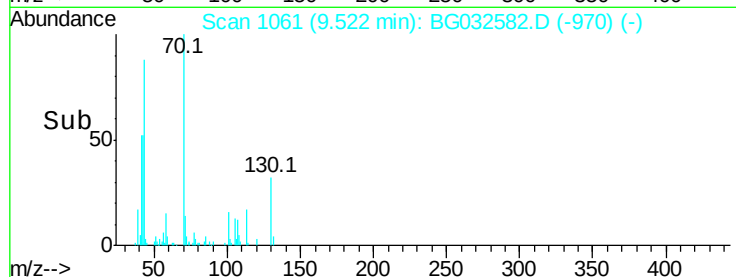
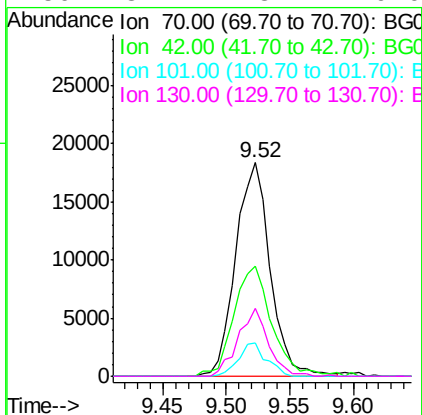
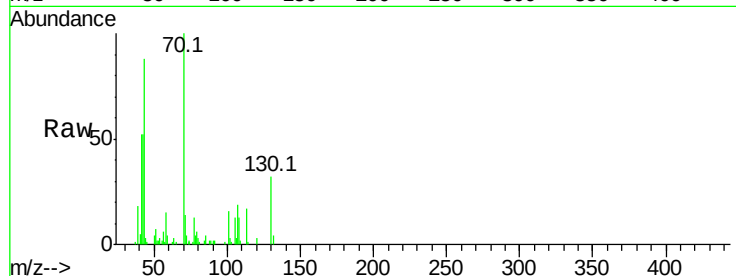




#19  
n-Nitroso-di-n-propylamine  
Concen: 41.605 ng  
RT: 9.52 min Scan# 1061  
Delta R.T. 0.01 min  
Lab File: BG032582.D  
Acq: 7 Feb 2018 3:41

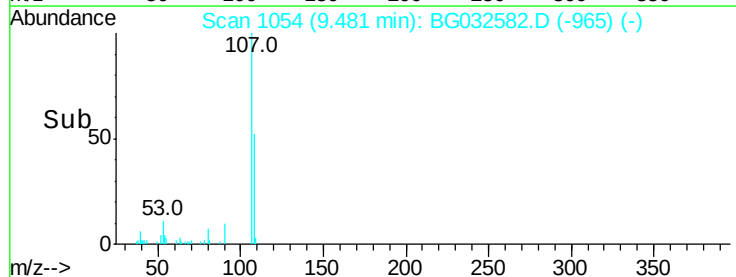
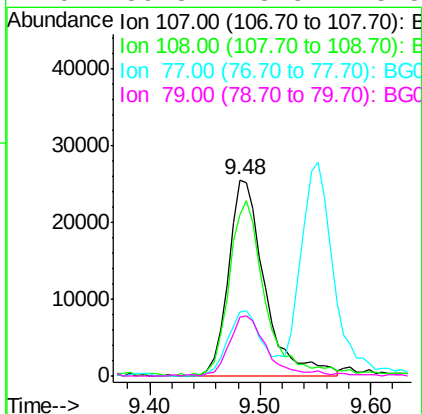
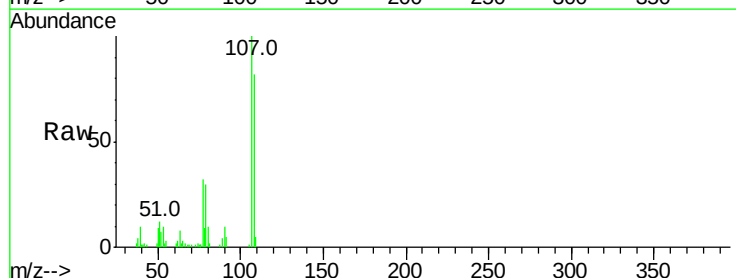
Instrument :  
BNA\_G  
ClientSampled :

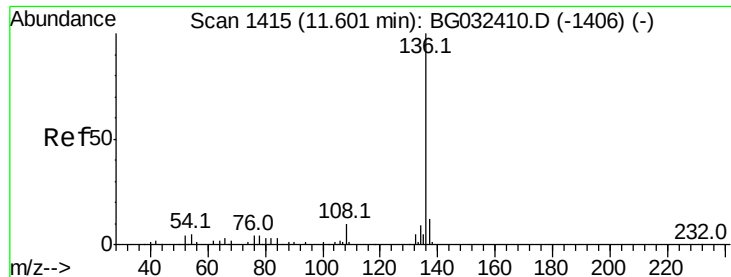
Tot Ion: 70 Resp: 34622  
Ion Ratio Lower Upper  
70 100  
42 51.5 49.1 73.7  
101 15.5 8.5 12.7#  
130 31.7 13.4 20.0#



#20  
3+4-Methylphenols  
Concen: 43.297 ng  
RT: 9.48 min Scan# 1054  
Delta R.T. -0.00 min  
Lab File: BG032582.D  
Acq: 7 Feb 2018 3:41

Tgt Ion: 107 Resp: 58789  
Ion Ratio Lower Upper  
107 100  
108 82.1 61.6 101.6  
77 32.4 13.9 53.9  
79 30.3 8.8 48.8

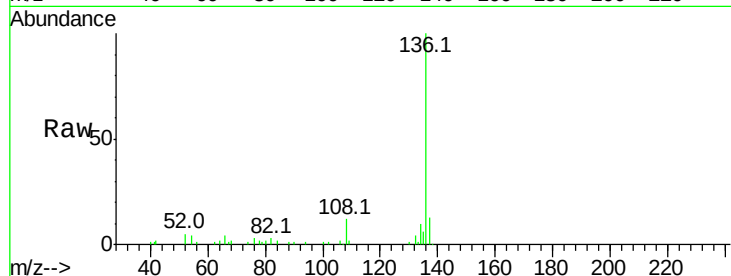




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.58 min Scan# 1412  
Delta R.T. 0.00 min  
Lab File: BG032582.D  
Acq: 7 Feb 2018 3:41

Instrument :  
BNA\_G  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 13.4  | 9.2   | 13.8  |
| 54      | 4.1   | 10.3  | 15.5# |
| 68      | 2.3   | 4.5   | 6.7#  |



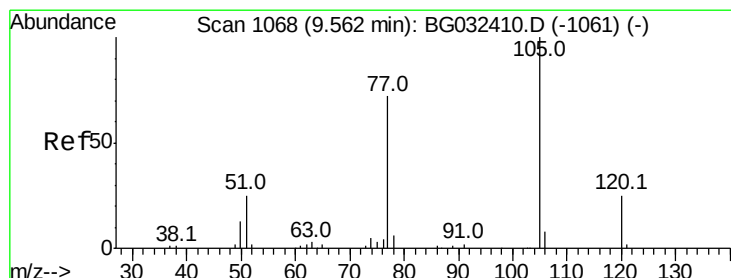
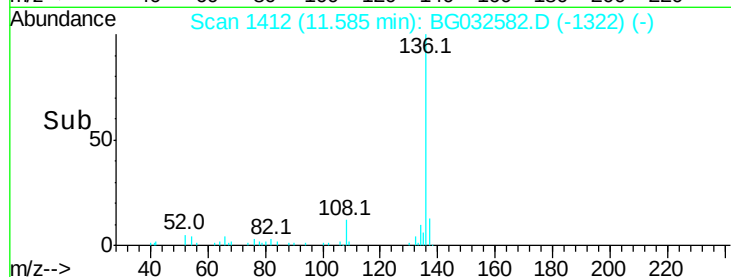
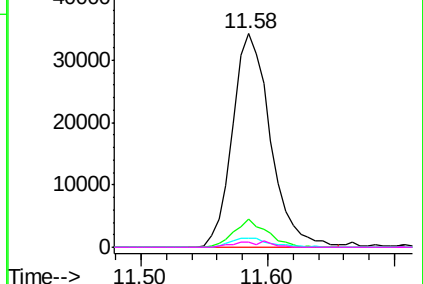
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

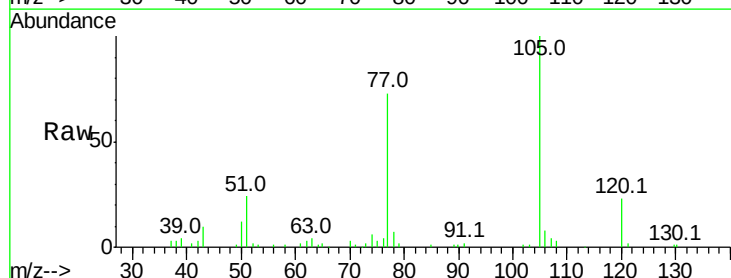
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22  
Acetophenone  
Concen: 46.365 ng  
RT: 9.55 min Scan# 1066  
Delta R.T. 0.00 min  
Lab File: BG032582.D  
Acq: 7 Feb 2018 3:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 71      | 0.9   | 3.0   | 4.4#  |
| 51      | 24.3  | 26.1  | 39.1# |
| 120     | 22.8  | 17.4  | 26.2  |



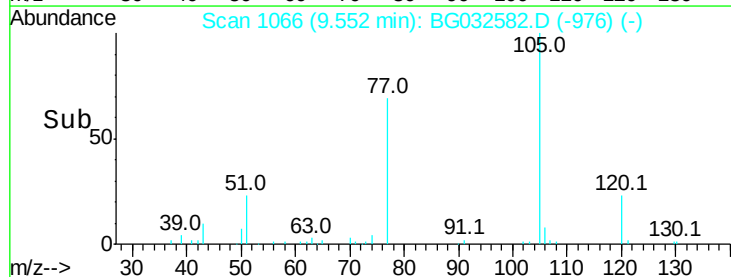
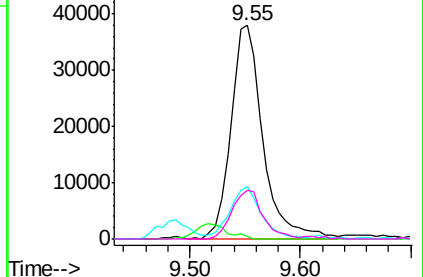
Abundance

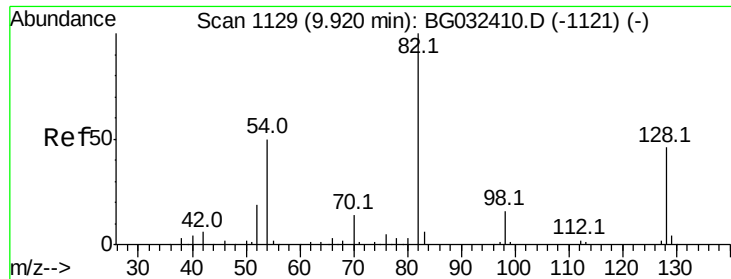
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

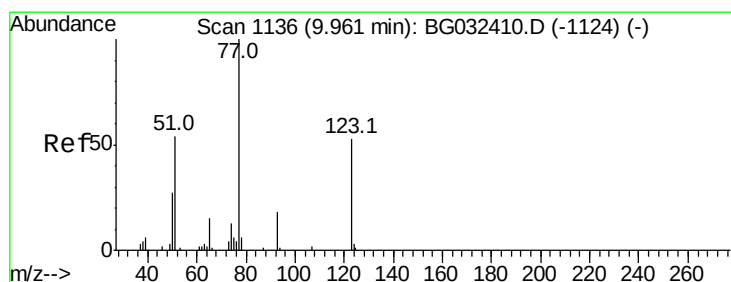
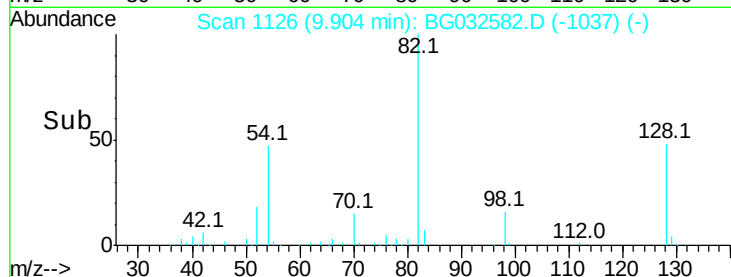
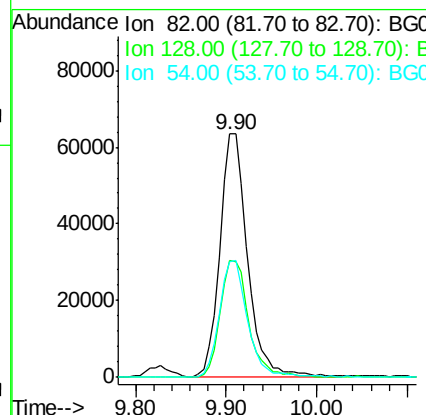
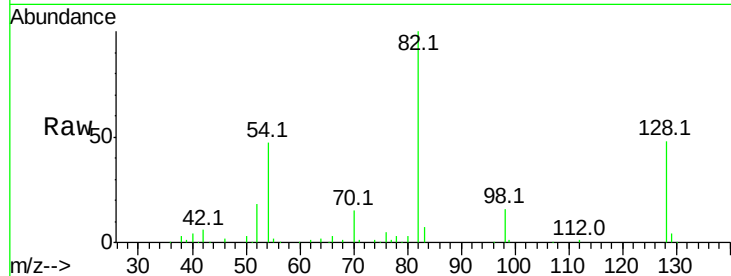




#23  
Nitrobenzene-d5  
Concen: 118.234 ng  
RT: 9.90 min Scan# 1126  
Delta R.T. -0.00 min  
Lab File: BG032582.D  
Acq: 7 Feb 2018 3:41

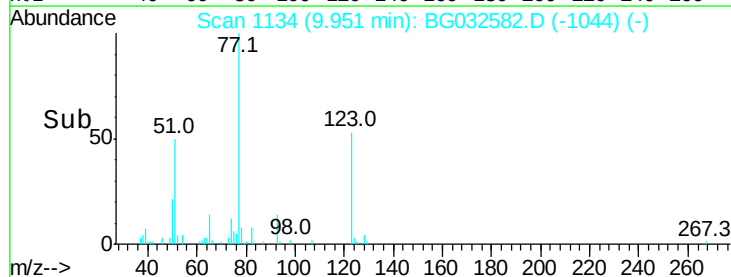
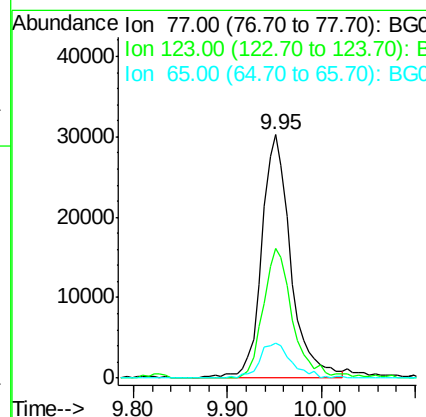
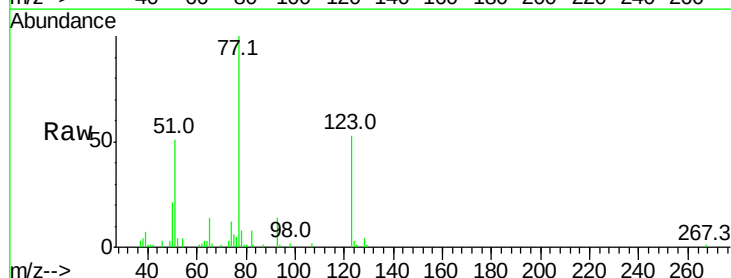
Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion: 82 Resp: 134685  
Ion Ratio Lower Upper  
82 100  
128 47.9 29.7 44.5#  
54 47.5 43.1 64.7

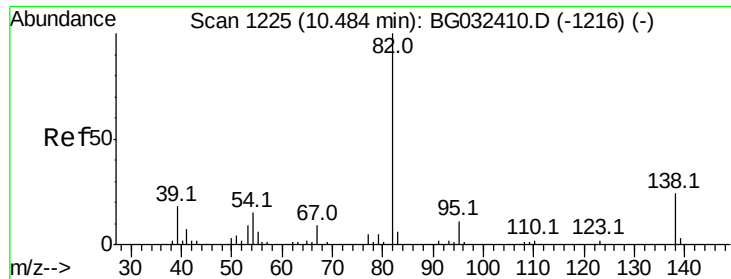


#24  
Nitrobenzene  
Concen: 58.721 ng  
RT: 9.95 min Scan# 1134  
Delta R.T. 0.00 min  
Lab File: BG032582.D  
Acq: 7 Feb 2018 3:41

Tgt Ion: 77 Resp: 64682  
Ion Ratio Lower Upper  
77 100  
123 53.4 33.0 49.6#  
65 14.4 13.0 19.6







#25

Isophorone

Concen: 63.238 ng

RT: 10.47 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BG032582.D

Acq: 7 Feb 2018 3:41

Instrument :

BNA\_G

ClientSampleId :

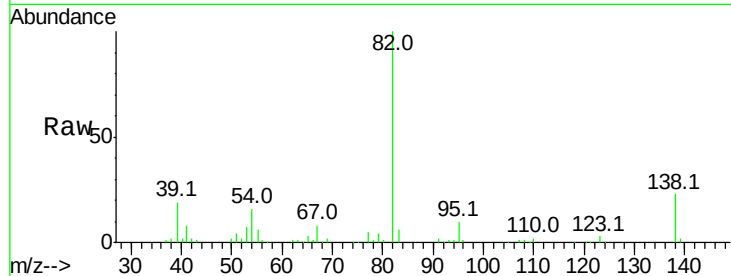
Tot Ion: 82 Resp: 122660

Ion Ratio Lower Upper

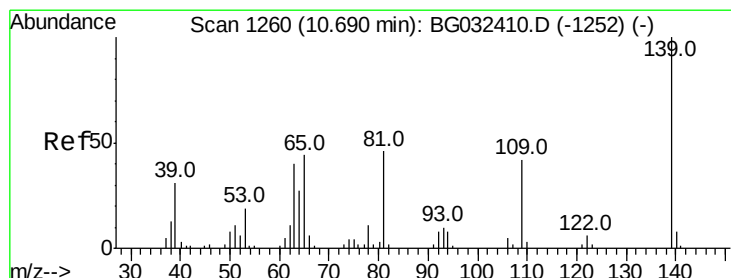
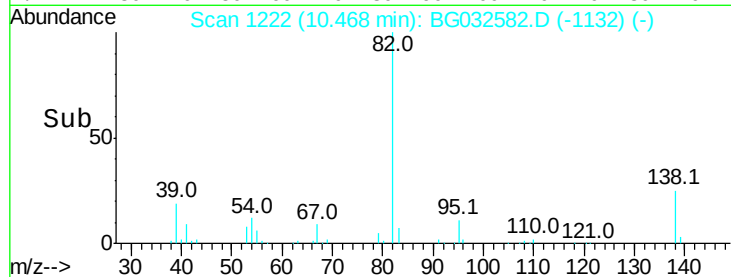
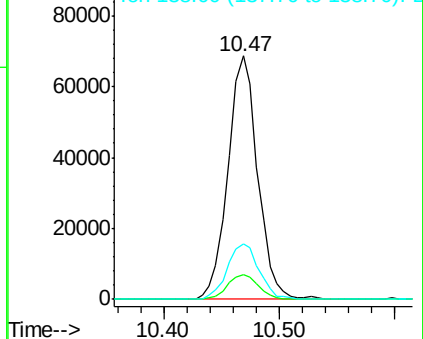
82 100

95 10.3 6.2 9.2#

138 22.6 12.1 18.1#



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



#26

2-Nitrophenol

Concen: 51.908 ng

RT: 10.67 min Scan# 1257

Delta R.T. -0.00 min

Lab File: BG032582.D

Acq: 7 Feb 2018 3:41

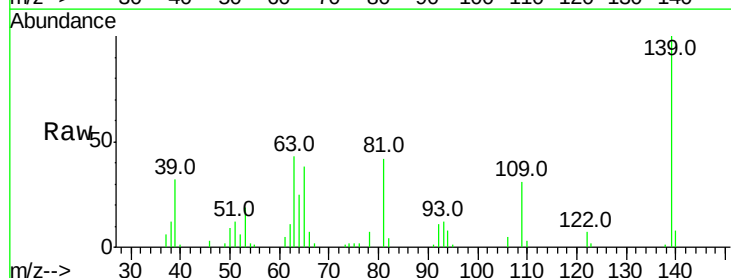
Tgt Ion: 139 Resp: 34564

Ion Ratio Lower Upper

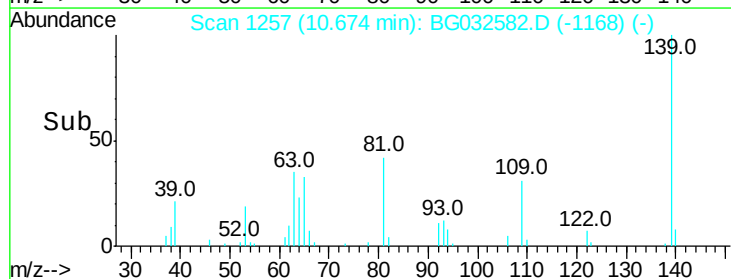
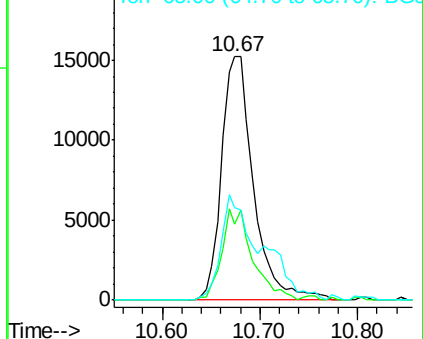
139 100

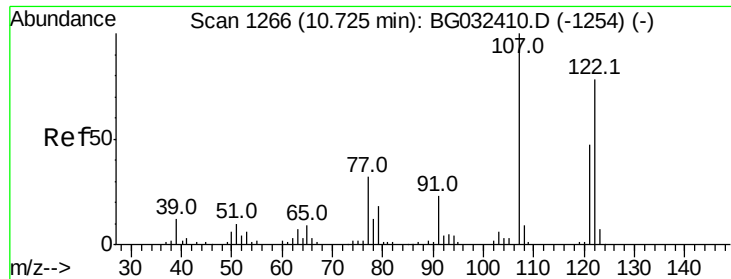
109 31.3 24.2 36.2

65 38.0 47.4 71.0#



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

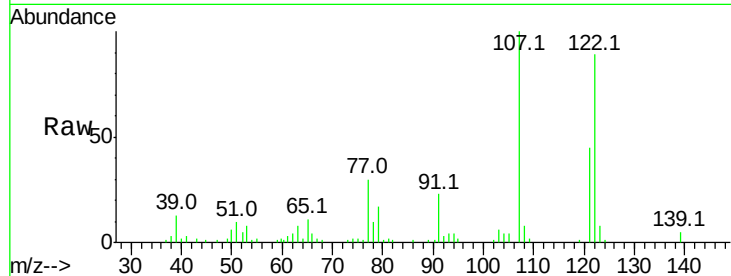




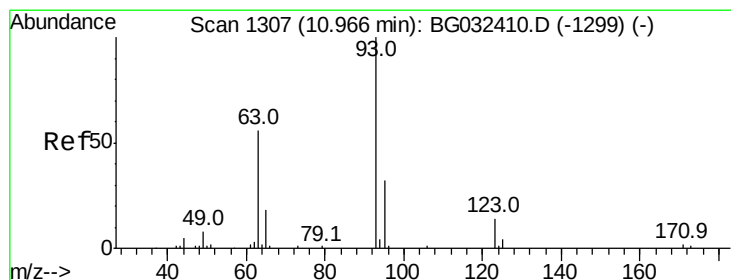
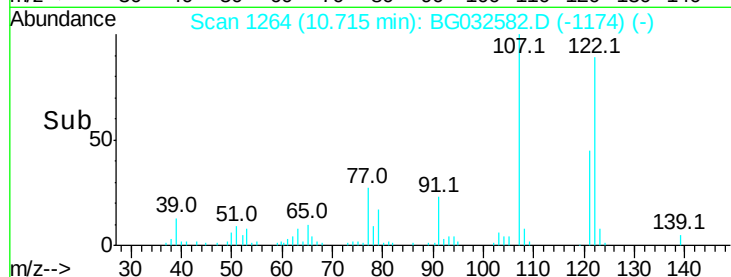
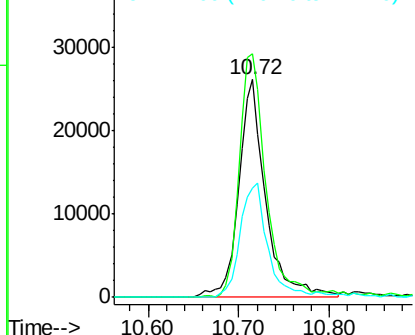
#27  
2,4-Dimethylphenol  
Concen: 56.645 ng  
RT: 10.72 min Scan# 1264  
Delta R.T. 0.00 min  
Lab File: BG032582.D  
Acq: 7 Feb 2018 3:41

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:122 Resp: 54137  
Ion Ratio Lower Upper  
122 100  
107 111.9 100.2 150.2  
121 50.0 44.4 66.6

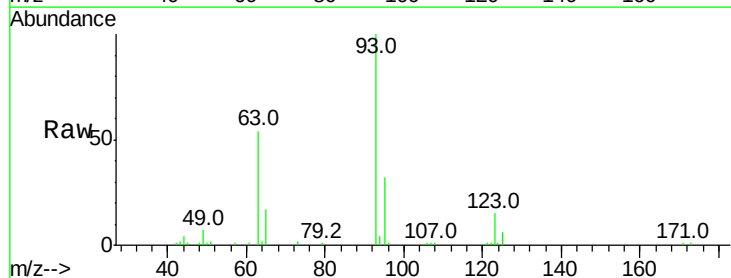


Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 107.00 (106.70 to 107.70): E  
Ion 121.00 (120.70 to 121.70): E

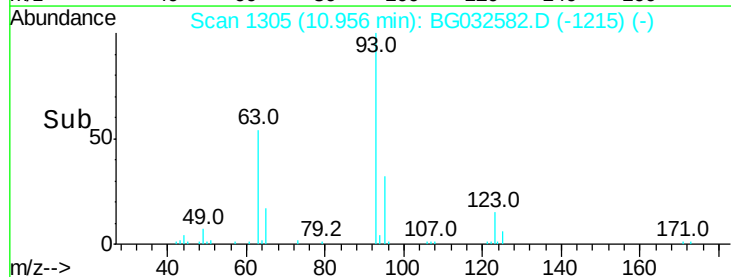
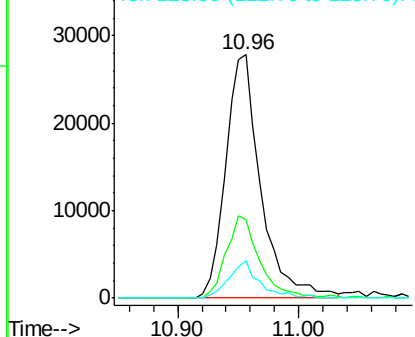


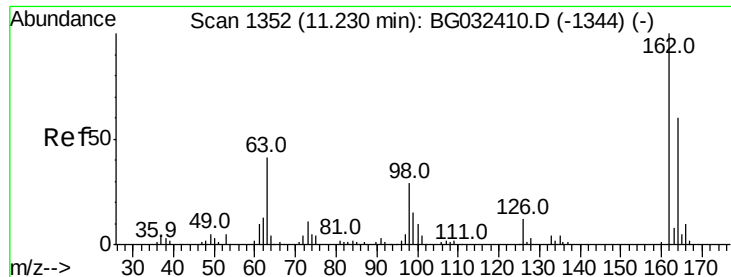
#28  
bis(2-Chloroethoxy)methane  
Concen: 52.577 ng  
RT: 10.96 min Scan# 1305  
Delta R.T. 0.00 min  
Lab File: BG032582.D  
Acq: 7 Feb 2018 3:41

Tgt Ion: 93 Resp: 55923  
Ion Ratio Lower Upper  
93 100  
95 32.0 24.3 36.5  
123 15.2 8.4 12.6#



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

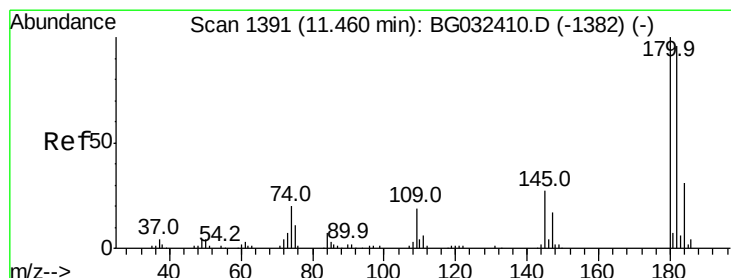
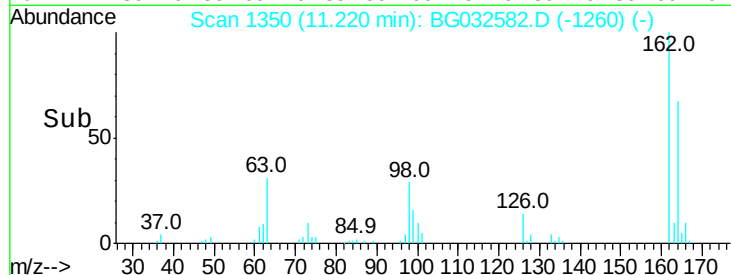
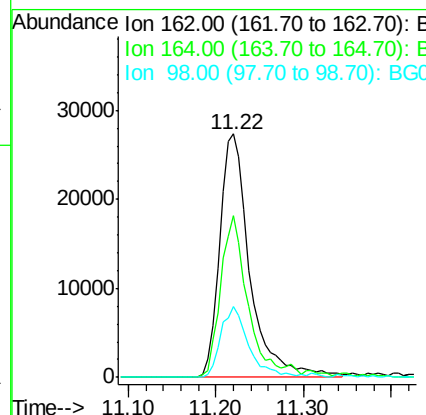
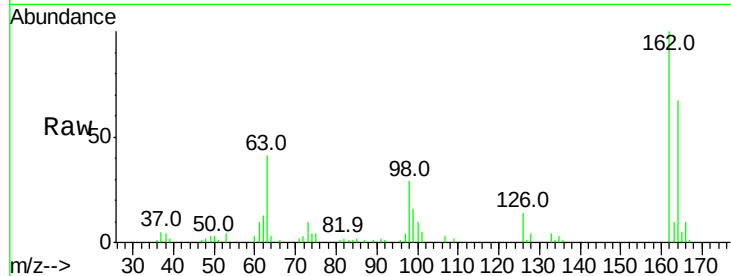




#29  
2,4-Dichlorophenol  
Concen: 51.375 ng  
RT: 11.22 min Scan# 1350  
Delta R.T. 0.00 min  
Lab File: BG032582.D  
Acq: 7 Feb 2018 3:41

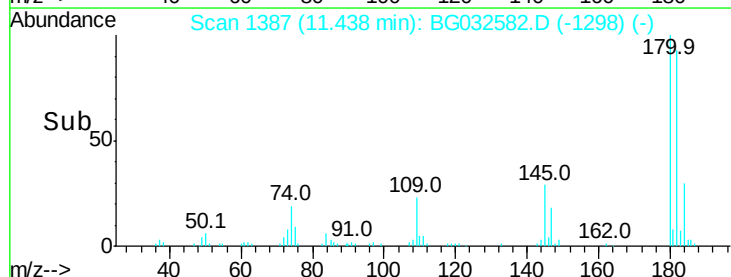
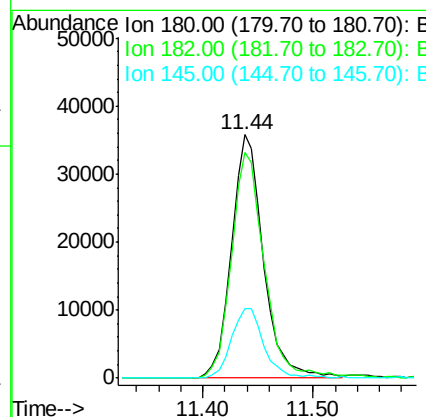
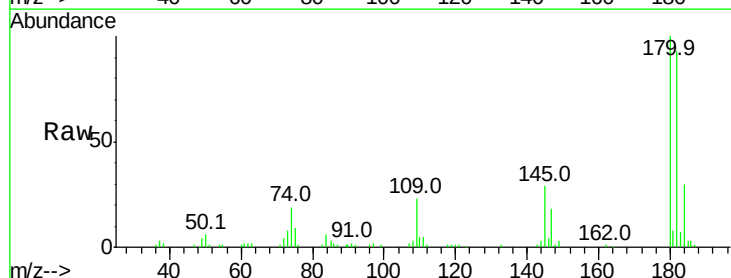
Instrument :  
BNA\_G  
ClientSampleId :

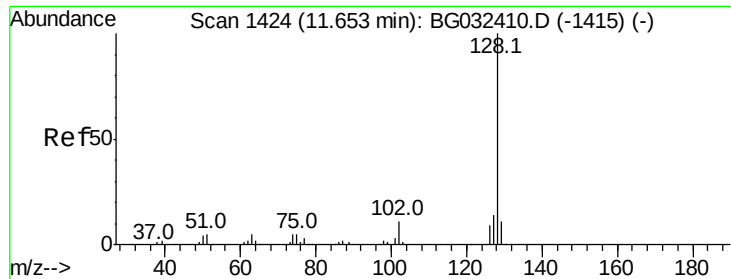
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 66.6  | 48.0  | 88.0  |
| 98      | 29.1  | 21.1  | 61.1  |



#30  
1,2,4-Trichlorobenzene  
Concen: 42.902 ng  
RT: 11.44 min Scan# 1387  
Delta R.T. -0.00 min  
Lab File: BG032582.D  
Acq: 7 Feb 2018 3:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 92.6  | 77.5  | 116.3 |
| 145     | 28.6  | 23.4  | 35.2  |

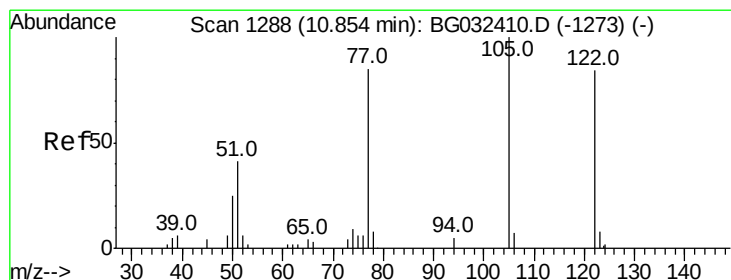
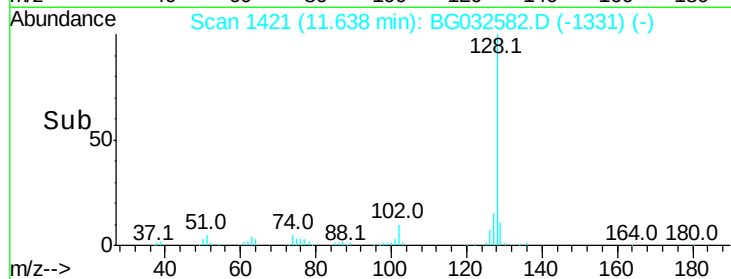
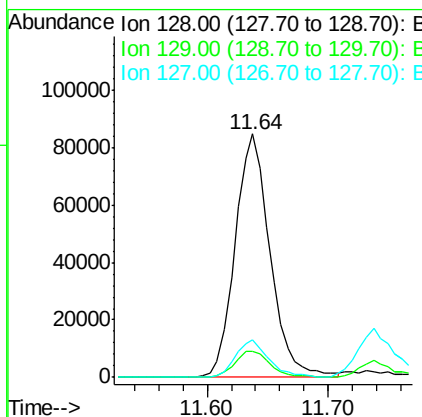
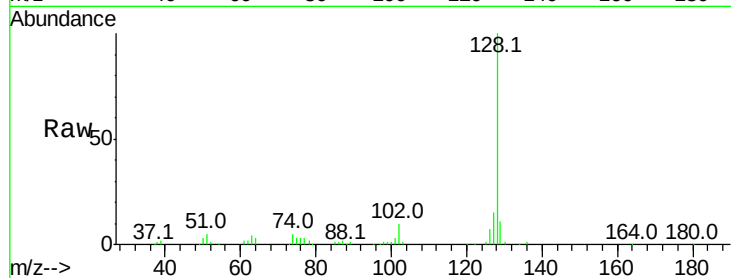




#31  
Naphthalene  
Concen: 49.255 ng  
RT: 11.64 min Scan# 1421  
Delta R.T. 0.00 min  
Lab File: BG032582.D  
Acq: 7 Feb 2018 3:41

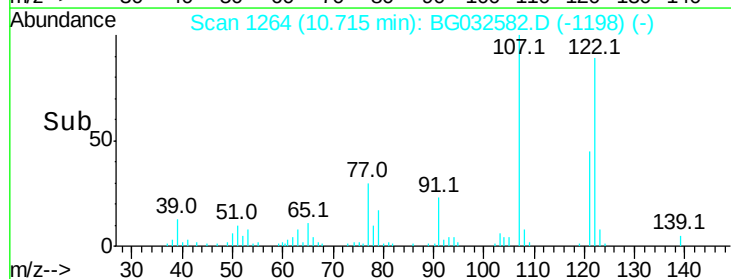
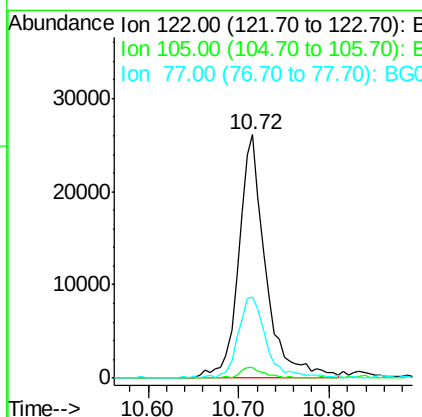
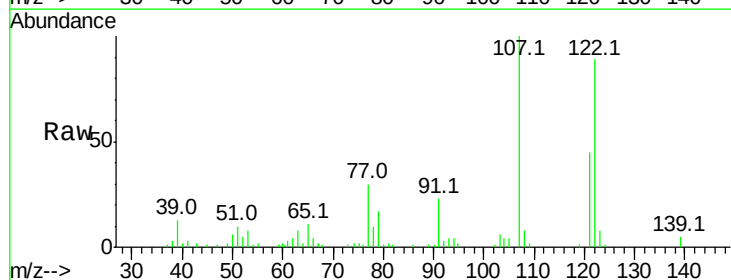
Instrument :  
BNA\_G  
ClientSampled :

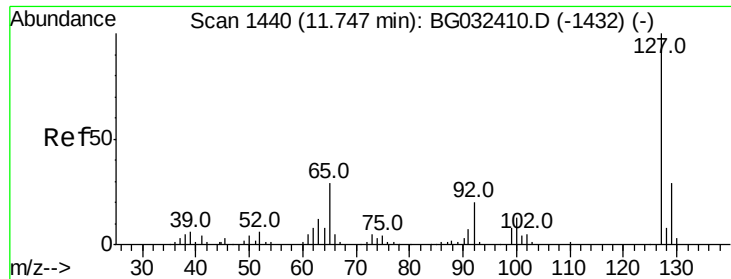
Tot Ion:128 Resp: 171165  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.6 12.8  
127 15.2 11.6 17.4



#32  
Benzoic acid  
Concen: 71.694 ng  
RT: 10.72 min Scan# 1264  
Delta R.T. -0.14 min  
Lab File: BG032582.D  
Acq: 7 Feb 2018 3:41

Tgt Ion:122 Resp: 54137  
Ion Ratio Lower Upper  
122 100  
105 4.6 123.5 163.5#  
77 33.2 85.7 125.7#

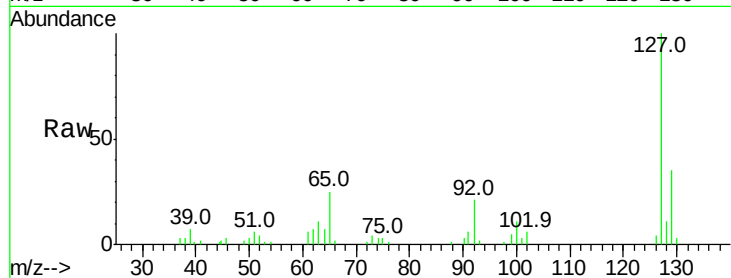




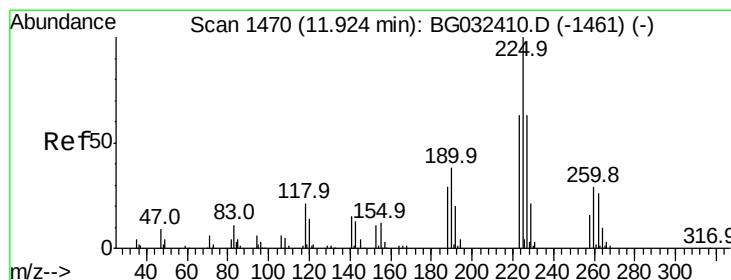
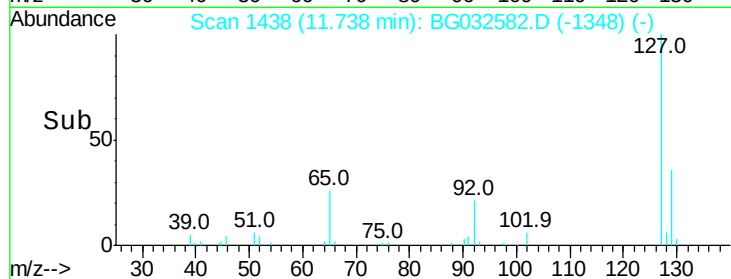
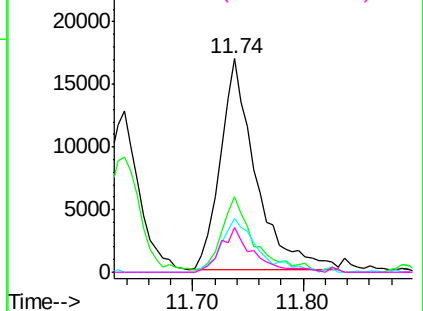
#33  
 4-Chloroaniline  
 Concen: 24.398 ng  
 RT: 11.74 min Scan# 1438  
 Delta R.T. 0.00 min  
 Lab File: BG032582.D  
 Acq: 7 Feb 2018 3:41

Instrument :  
 BNA\_G  
 ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 37815 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 35.5  | 24.0  | 36.0  |
| 65       | 25.4  | 27.0  | 40.4# |
| 92       | 20.8  | 16.6  | 25.0  |

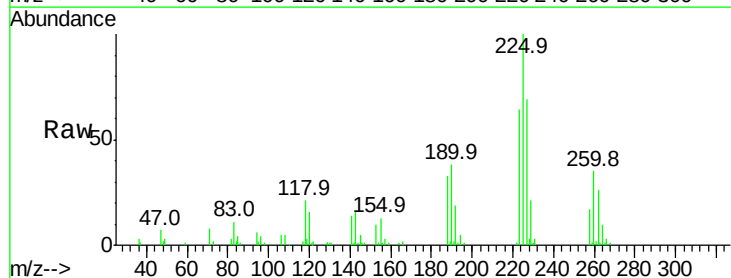


Abundance Ion 127.00 (126.70 to 127.70): E  
 Ion 129.00 (128.70 to 129.70): E  
 Ion 65.00 (64.70 to 65.70): BGC  
 Ion 92.00 (91.70 to 92.70): BGC

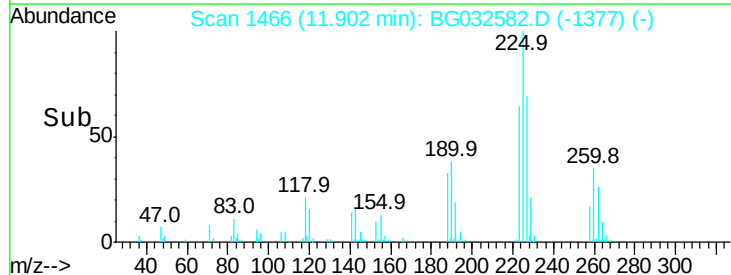
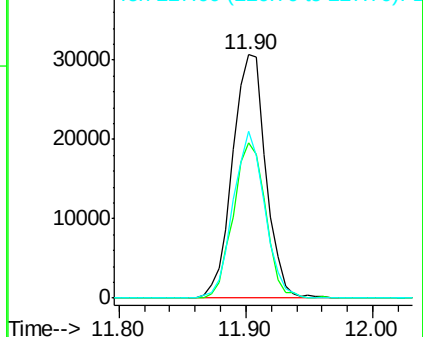


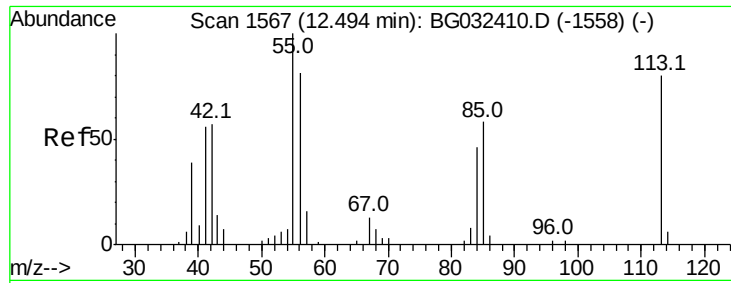
#34  
 Hexachlorobutadiene  
 Concen: 42.331 ng  
 RT: 11.90 min Scan# 1466  
 Delta R.T. -0.00 min  
 Lab File: BG032582.D  
 Acq: 7 Feb 2018 3:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 55576 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 63.8  | 49.7  | 74.5  |
| 227      | 68.6  | 48.1  | 72.1  |



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: 44.836 ng

RT: 12.48 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BG032582.D

Acq: 7 Feb 2018 3:41

Instrument :

BNA\_G

ClientSampleId :

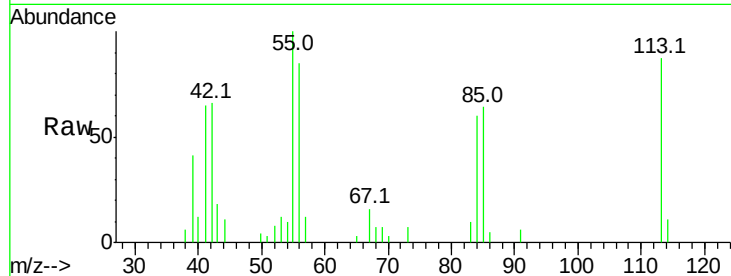
Tot Ion:113 Resp: 16296

Ion Ratio Lower Upper

113 100

55 115.0 186.9 226.9#

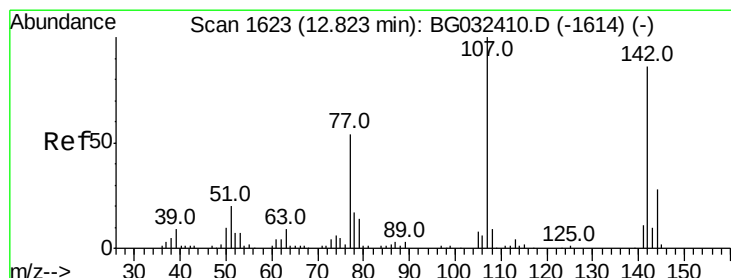
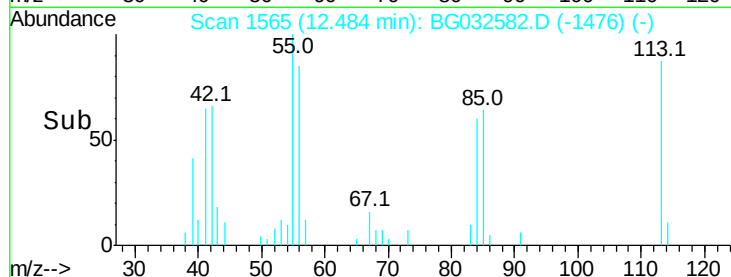
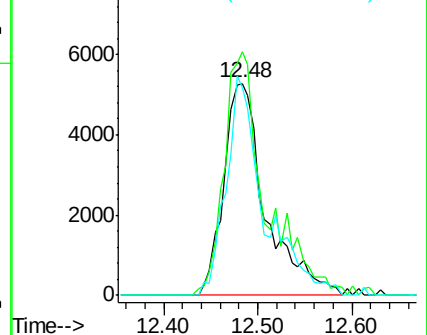
56 98.2 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 49.035 ng

RT: 12.82 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BG032582.D

Acq: 7 Feb 2018 3:41

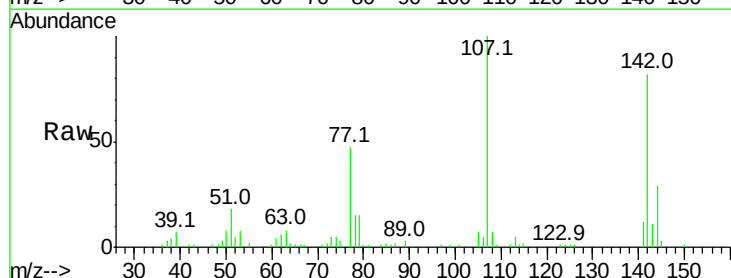
Tgt Ion:107 Resp: 58888

Ion Ratio Lower Upper

107 100

144 29.0 18.2 27.4#

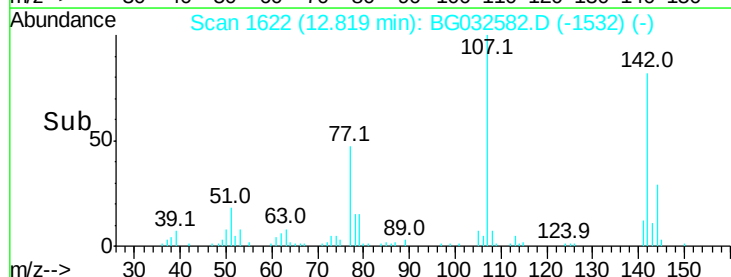
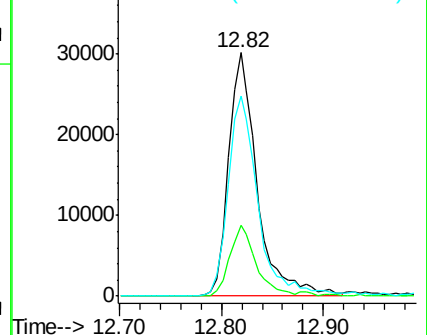
142 82.1 59.0 88.4

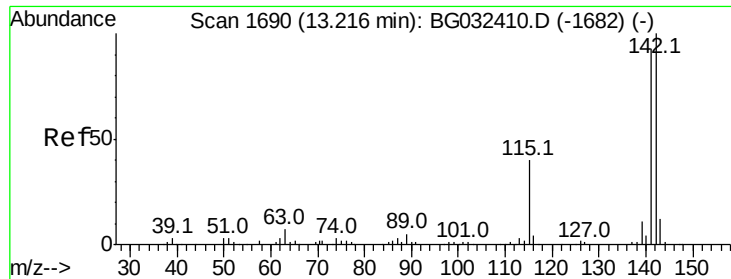


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

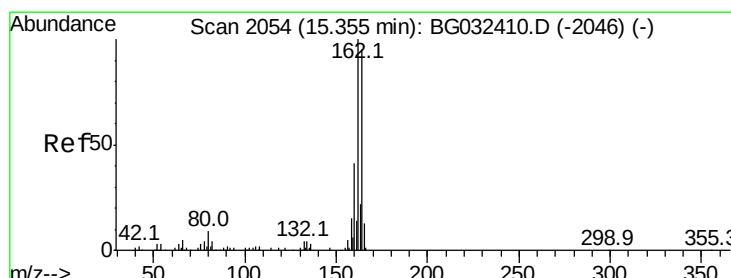
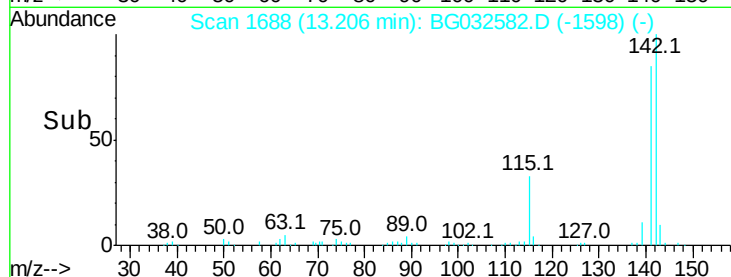
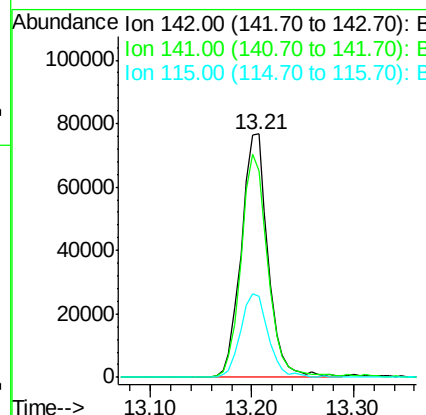
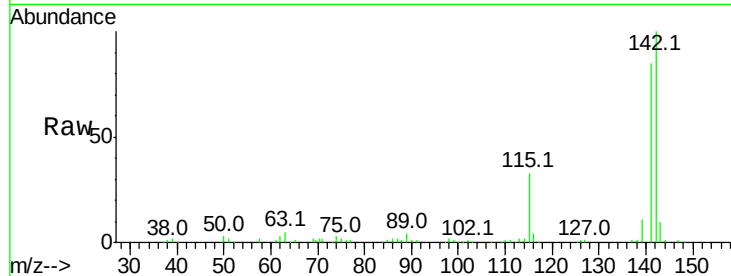




#37  
2-Methylnaphthalene  
Concen: 48.344 ng  
RT: 13.21 min Scan# 1688  
Delta R.T. 0.00 min  
Lab File: BG032582.D  
Acq: 7 Feb 2018 3:41

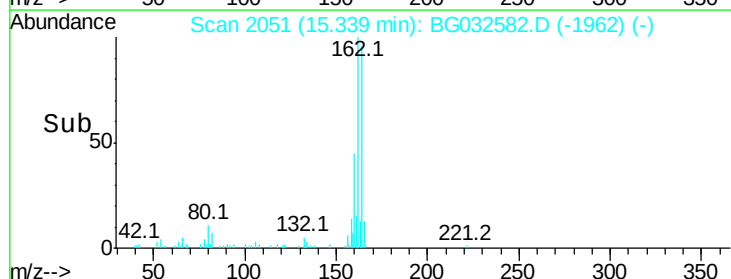
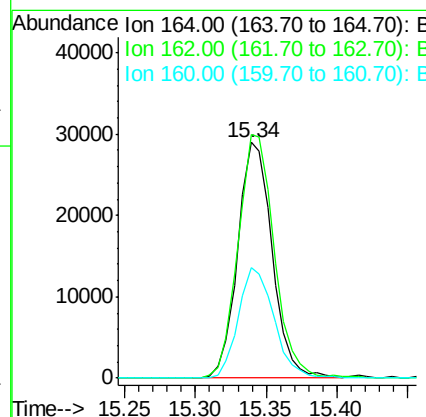
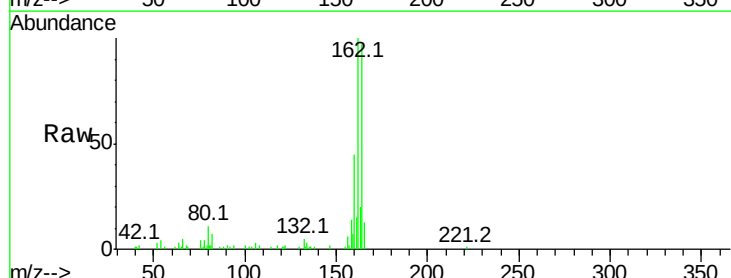
Instrument :  
BNA\_G  
ClientSampleId :

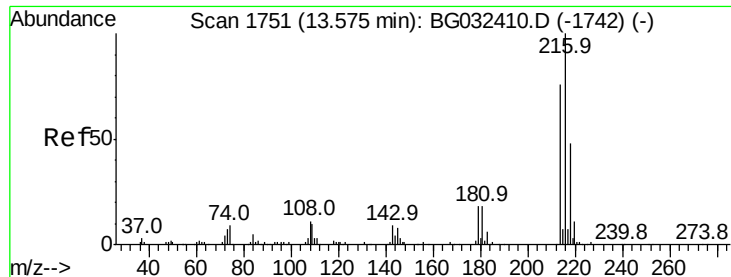
Tot Ion:142 Resp: 141139  
Ion Ratio Lower Upper  
142 100  
141 84.9 67.1 100.7  
115 33.1 30.7 46.1



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 15.34 min Scan# 2051  
Delta R.T. -0.00 min  
Lab File: BG032582.D  
Acq: 7 Feb 2018 3:41

Tgt Ion:164 Resp: 49450  
Ion Ratio Lower Upper  
164 100  
162 103.3 78.8 118.2  
160 46.7 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.672 ng

RT: 13.56 min Scan# 1748

Delta R.T. 0.00 min

Lab File: BG032582.D

Acq: 7 Feb 2018 3:41

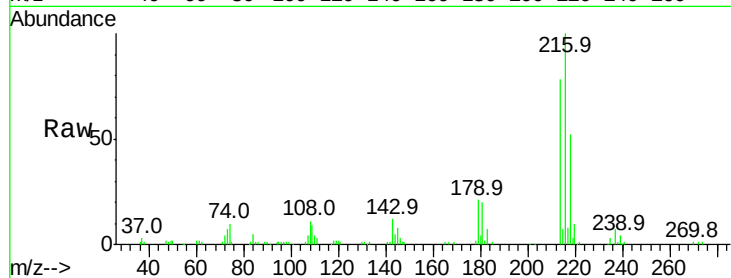
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:216 Resp: 96405

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 216 | 100   |       |       |
| 214 | 79.5  | 63.0  | 94.4  |
| 179 | 19.5  | 17.0  | 25.6  |
| 108 | 13.8  | 12.8  | 19.2  |

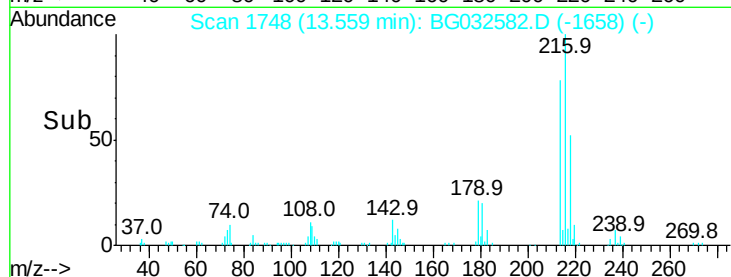


Abundance Ion 216.00 (215.70 to 216.70): E

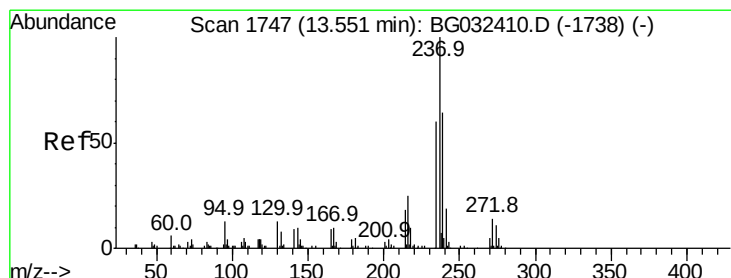
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 95.401 ng

RT: 13.53 min Scan# 1743

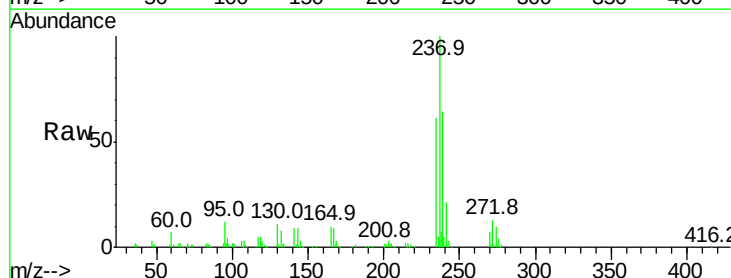
Delta R.T. 0.00 min

Lab File: BG032582.D

Acq: 7 Feb 2018 3:41

Tgt Ion:237 Resp: 137896

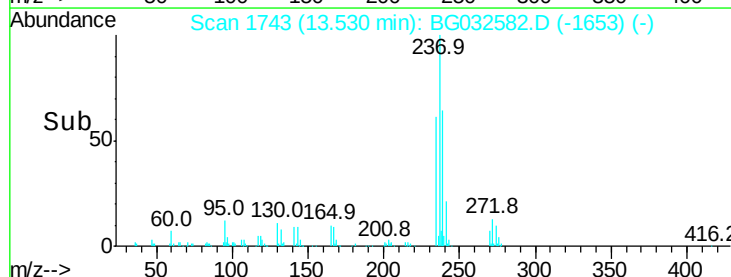
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 237 | 100   |       |       |
| 235 | 61.0  | 50.4  | 90.4  |
| 272 | 13.3  | 0.0   | 31.8  |



Abundance Ion 236.80 (236.50 to 237.50): E

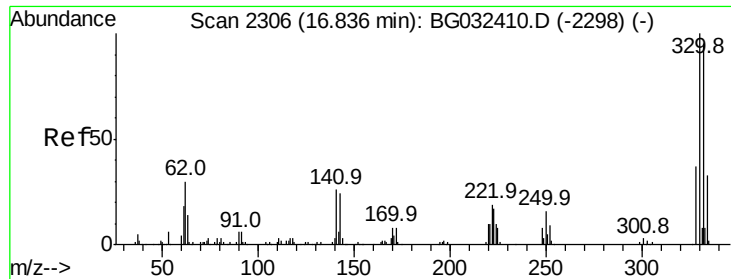
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

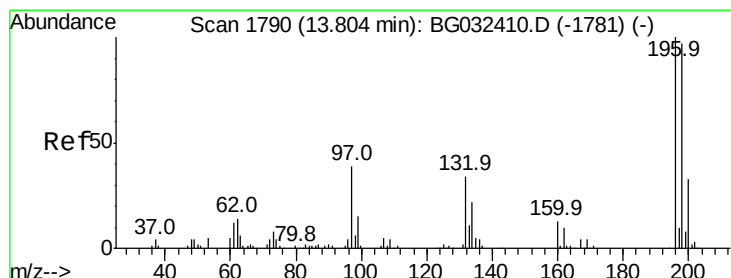
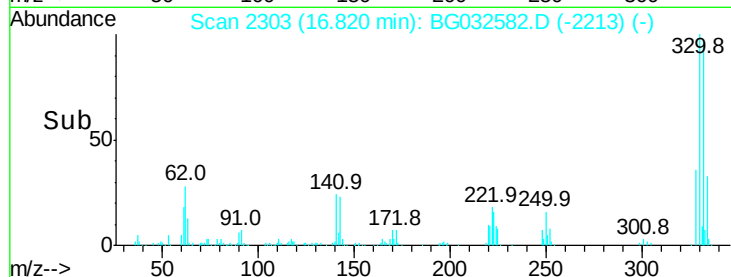
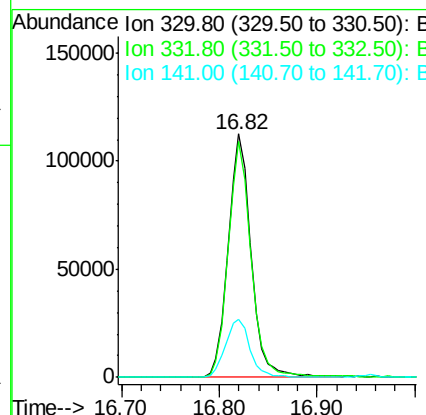
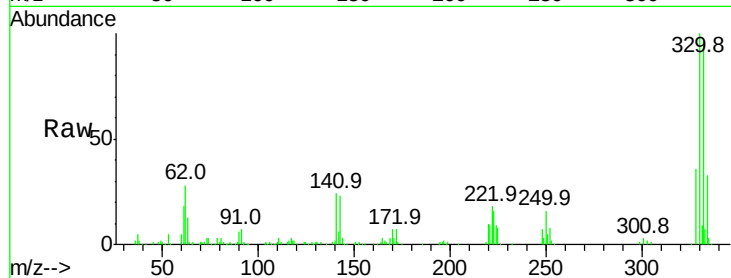




#41  
 2,4,6-Tribromophenol  
 Concen: 195.795 ng  
 RT: 16.82 min Scan# 2303  
 Delta R.T. 0.00 min  
 Lab File: BG032582.D  
 Acq: 7 Feb 2018 3:41

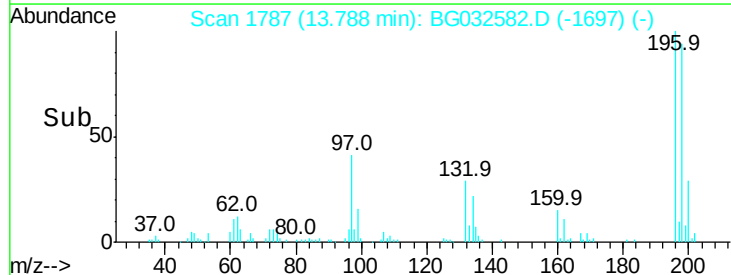
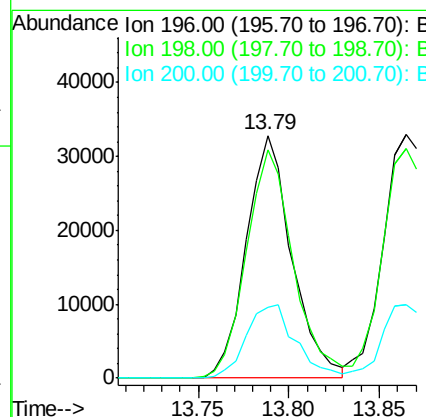
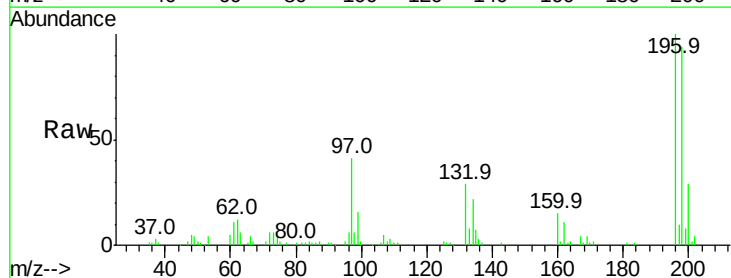
Instrument :  
 BNA\_G  
 ClientSampled :

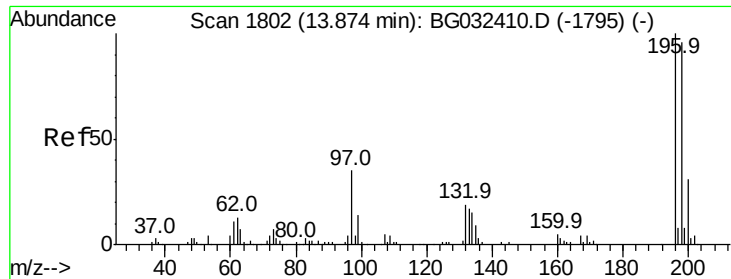
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.4  | 77.0  | 115.6 |
| 141     | 25.4  | 25.2  | 37.8  |



#42  
 2,4,6-Trichlorophenol  
 Concen: 45.648 ng  
 RT: 13.79 min Scan# 1787  
 Delta R.T. 0.00 min  
 Lab File: BG032582.D  
 Acq: 7 Feb 2018 3:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 93.9  | 78.2  | 117.2 |
| 200     | 29.4  | 24.6  | 36.8  |

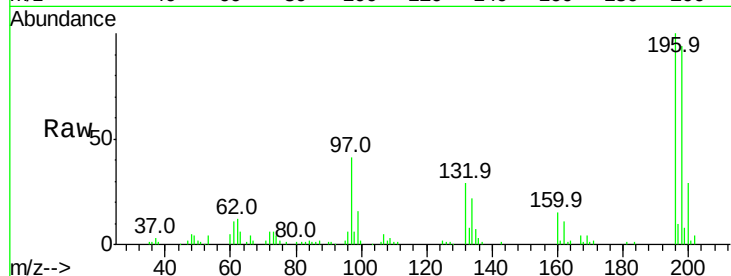




#43  
 2,4,5-Trichlorophenol  
 Concen: 39.159 ng  
 RT: 13.79 min Scan# 1787  
 Delta R.T. -0.08 min  
 Lab File: BG032582.D  
 Acq: 7 Feb 2018 3:41

Instrument :  
 BNA\_G  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 93.9  | 76.2  | 114.4 |
| 97      | 41.2  | 38.7  | 58.1  |
| 132     | 29.4  | 20.2  | 30.2  |



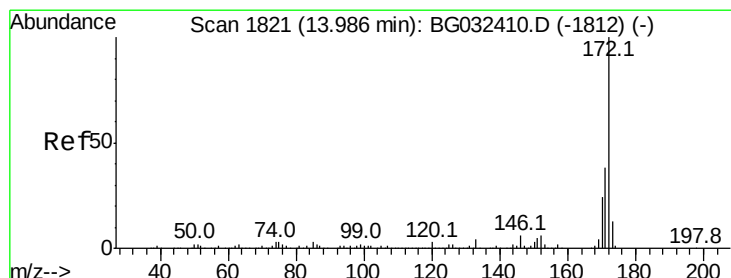
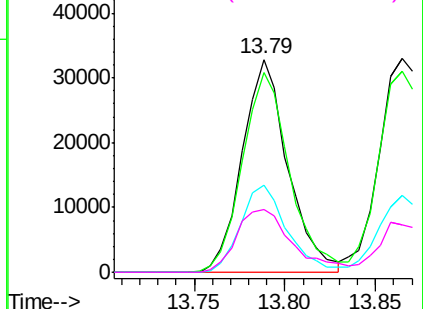
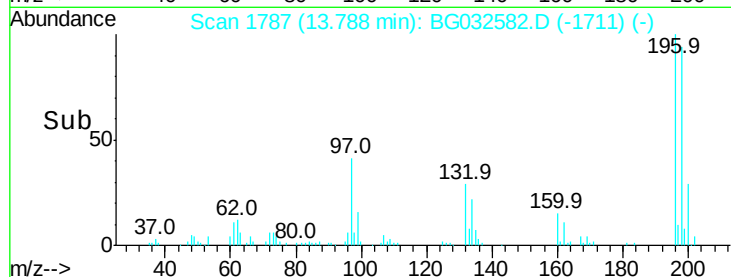
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

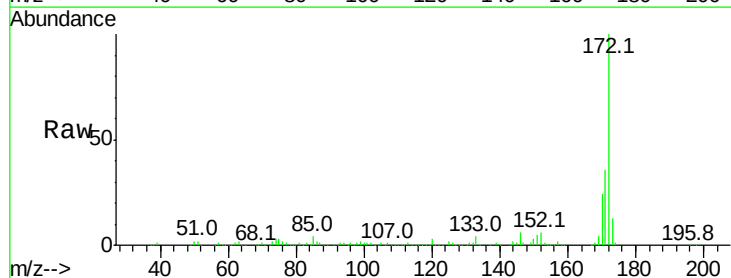
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 85.418 ng  
 RT: 13.97 min Scan# 1818  
 Delta R.T. 0.00 min  
 Lab File: BG032582.D  
 Acq: 7 Feb 2018 3:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.5  | 30.0  | 45.0  |
| 170     | 23.8  | 19.5  | 29.3  |

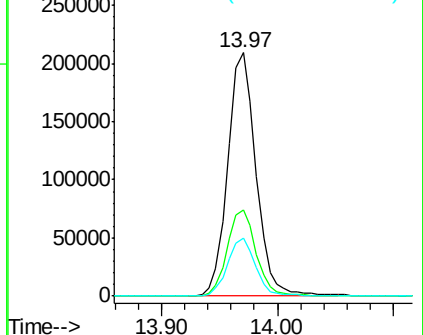
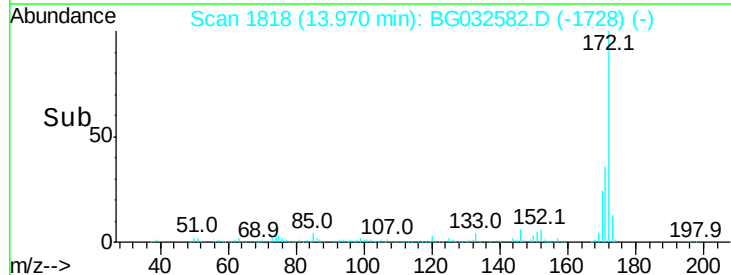


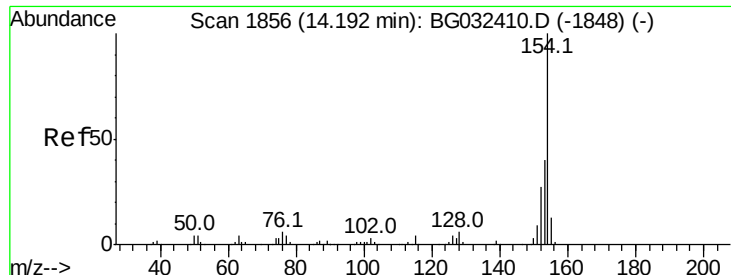
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 46.437 ng

RT: 14.18 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BG032582.D

Acq: 7 Feb 2018 3:41

Instrument :

BNA\_G

ClientSampleId :

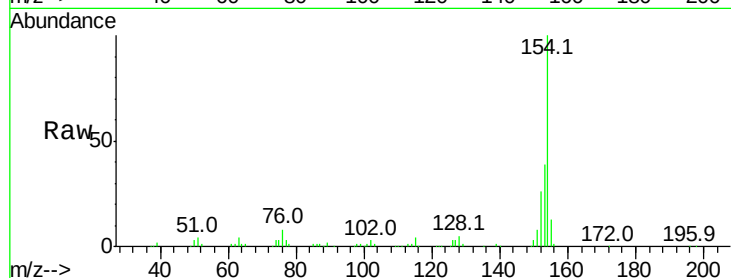
Tot Ion:154 Resp: 194005

Ion Ratio Lower Upper

154 100

153 39.0 19.8 59.8

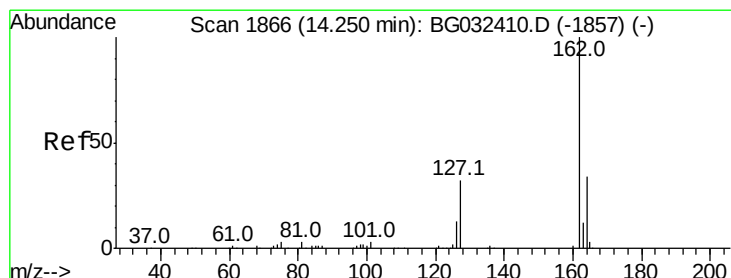
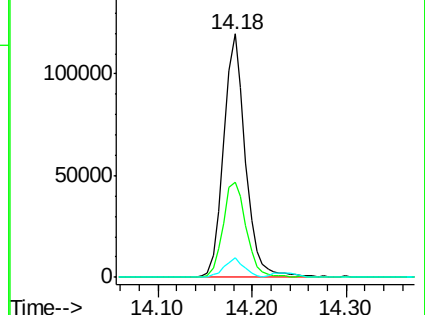
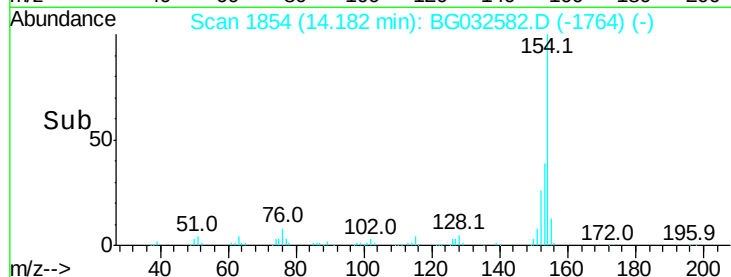
76 7.9 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 45.687 ng

RT: 14.23 min Scan# 1863

Delta R.T. 0.00 min

Lab File: BG032582.D

Acq: 7 Feb 2018 3:41

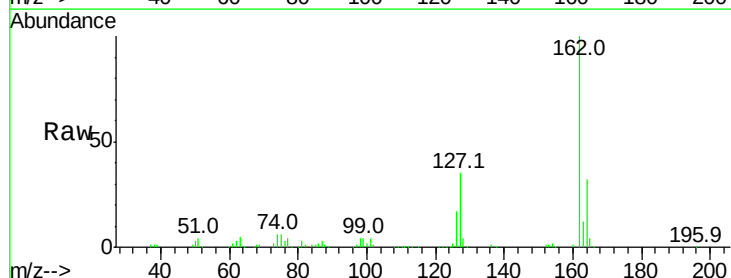
Tgt Ion:162 Resp: 149602

Ion Ratio Lower Upper

162 100

127 35.0 30.7 46.1

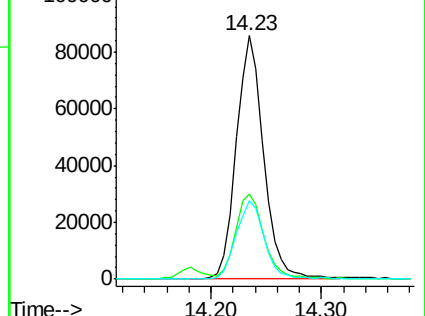
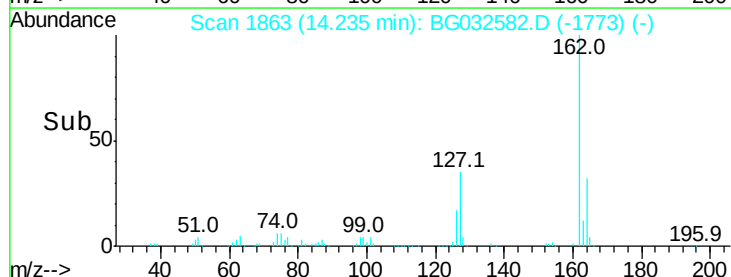
164 32.1 26.0 39.0

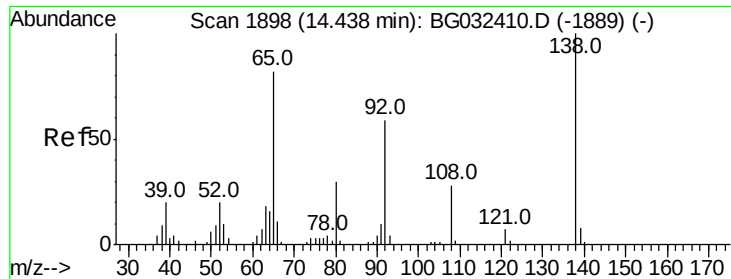


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 44.004 ng

RT: 14.43 min Scan# 1896

Delta R.T. 0.00 min

Lab File: BG032582.D

Acq: 7 Feb 2018 3:41

Instrument :

BNA\_G

ClientSampleId :

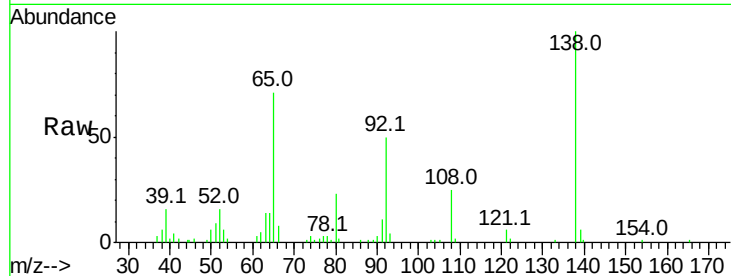
Tot Ion: 65 Resp: 31864

Ion Ratio Lower Upper

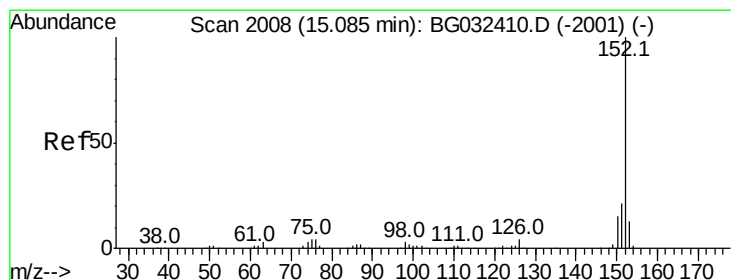
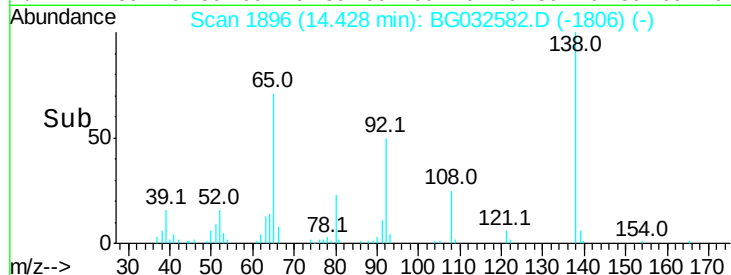
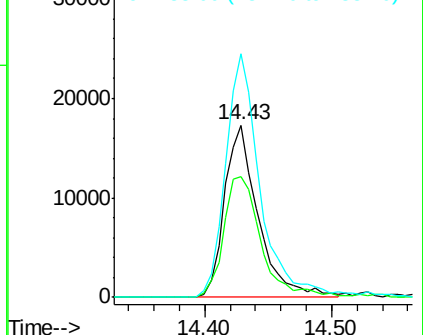
65 100

92 70.3 54.6 82.0

138 141.4 72.9 109.3#



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): BGC



#48

Acenaphthylene

Concen: 46.582 ng

RT: 15.07 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BG032582.D

Acq: 7 Feb 2018 3:41

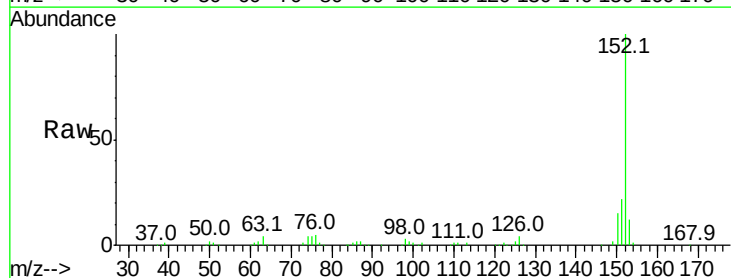
Tgt Ion: 152 Resp: 230591

Ion Ratio Lower Upper

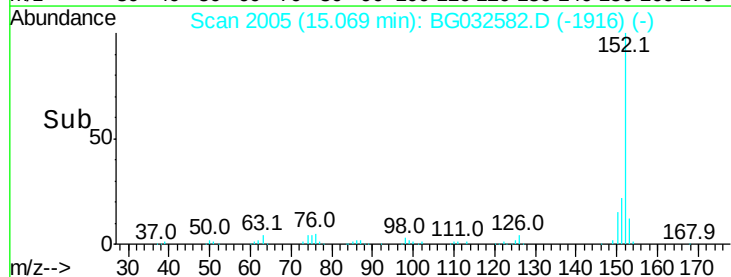
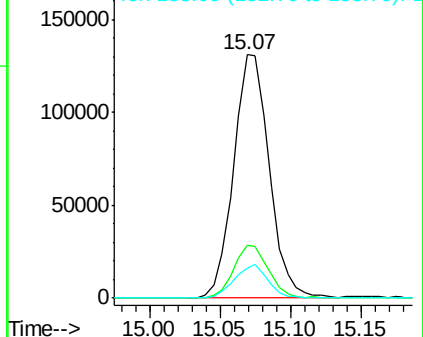
152 100

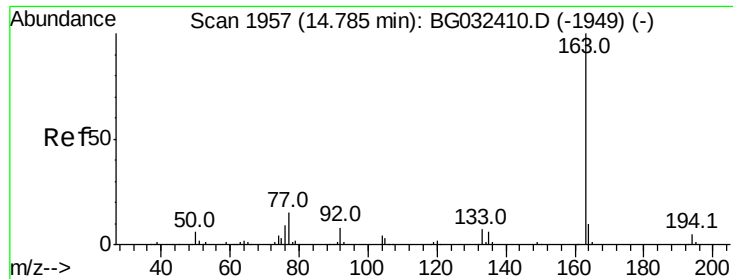
151 21.8 17.2 25.8

153 12.4 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): BGC  
Ion 151.00 (150.70 to 151.70): BGC  
Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 50.379 ng

RT: 14.78 min Scan# 1955

Delta R.T. 0.01 min

Lab File: BG032582.D

Acq: 7 Feb 2018 3:41

Instrument :

BNA\_G

ClientSampleId :

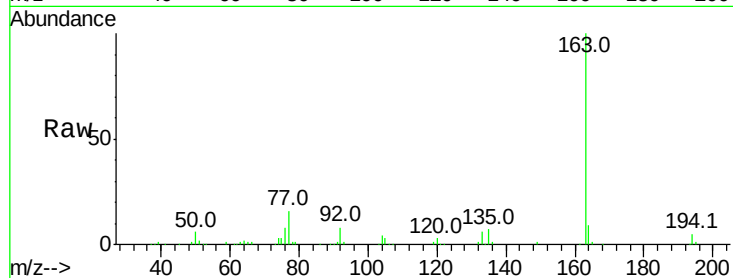
Tot Ion:163 Resp: 229705

Ion Ratio Lower Upper

163 100

194 5.0 3.4 5.2

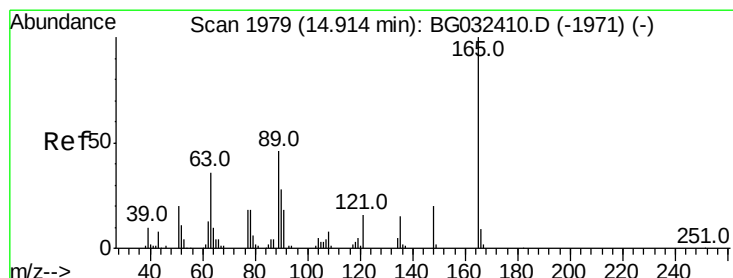
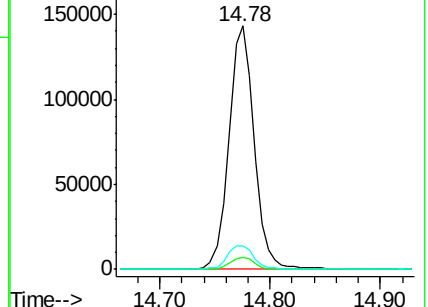
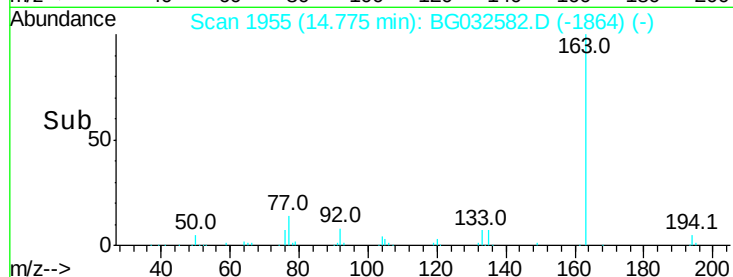
164 9.5 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 46.352 ng

RT: 14.90 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BG032582.D

Acq: 7 Feb 2018 3:41

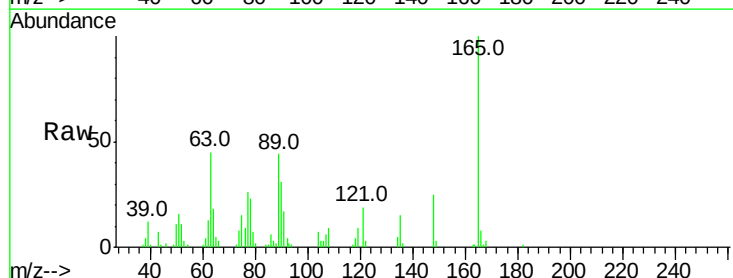
Tgt Ion:165 Resp: 44358

Ion Ratio Lower Upper

165 100

63 45.0 52.7 79.1#

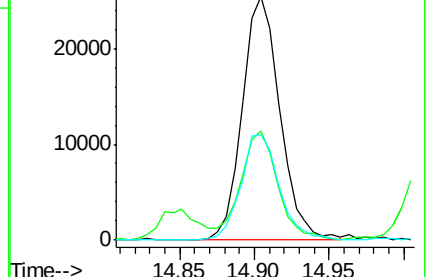
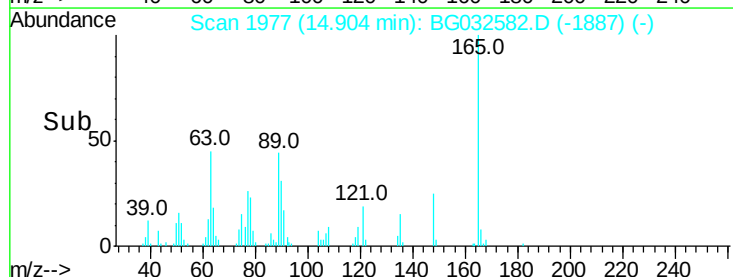
89 43.5 49.2 73.8#

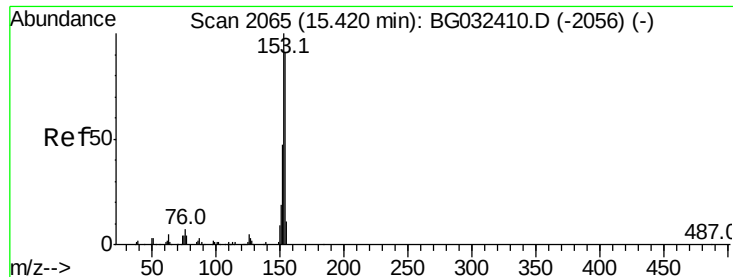


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 47.030 ng

RT: 15.40 min Scan# 2062

Delta R.T. -0.00 min

Lab File: BG032582.D

Acq: 7 Feb 2018 3:41

Instrument :

BNA\_G

ClientSampleId :

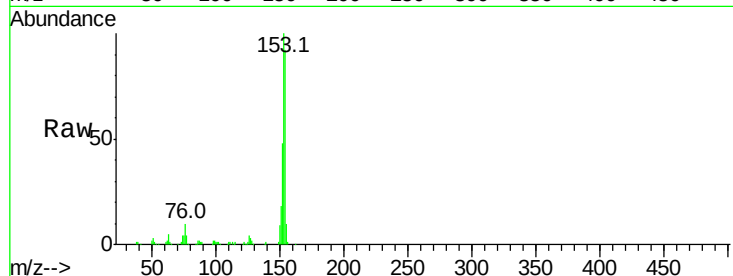
Tot Ion:154 Resp: 161457

Ion Ratio Lower Upper

154 100

153 108.9 90.4 135.6

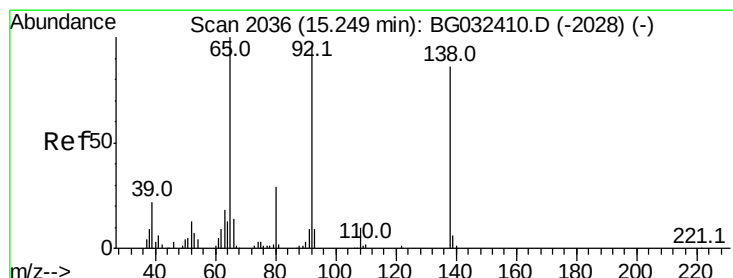
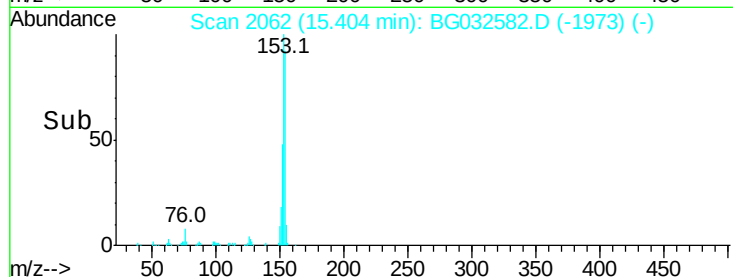
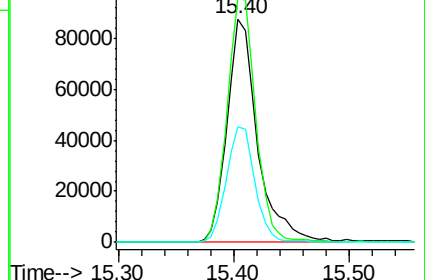
152 52.0 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 32.253 ng

RT: 15.24 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BG032582.D

Acq: 7 Feb 2018 3:41

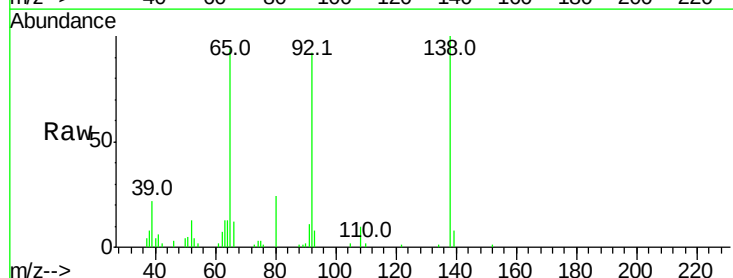
Tgt Ion:138 Resp: 26960

Ion Ratio Lower Upper

138 100

108 10.2 17.5 26.3#

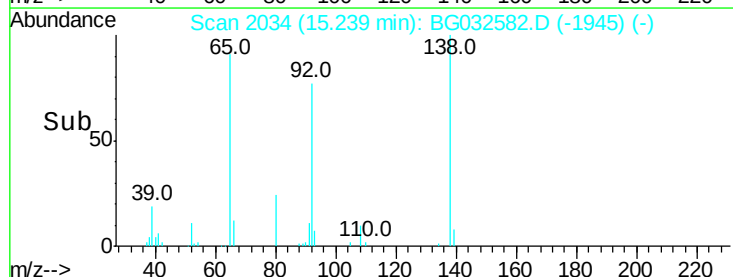
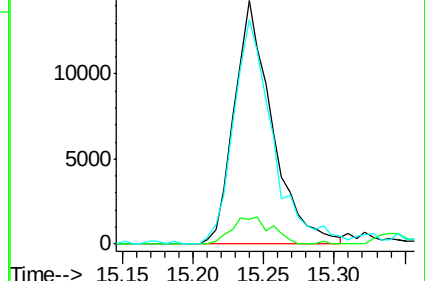
92 92.3 105.8 158.8#

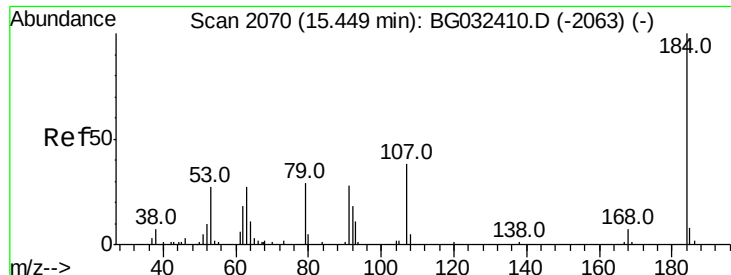


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

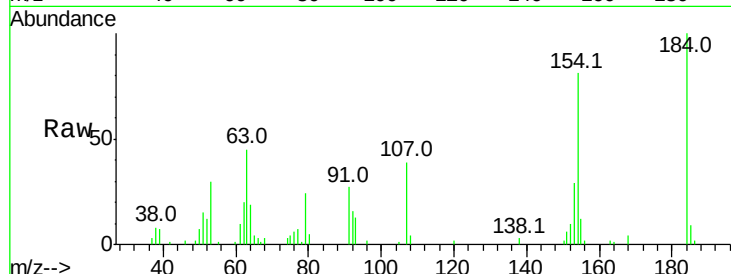




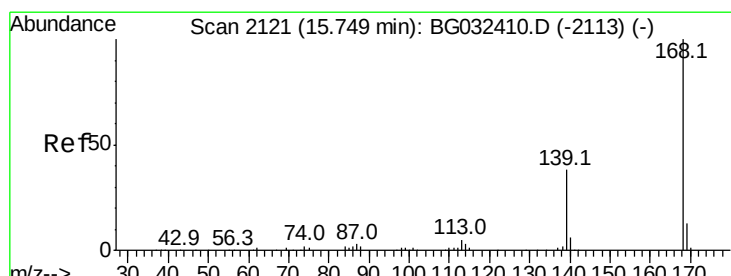
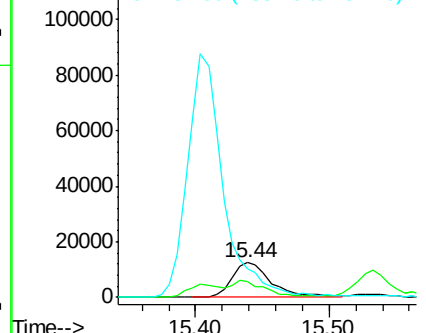
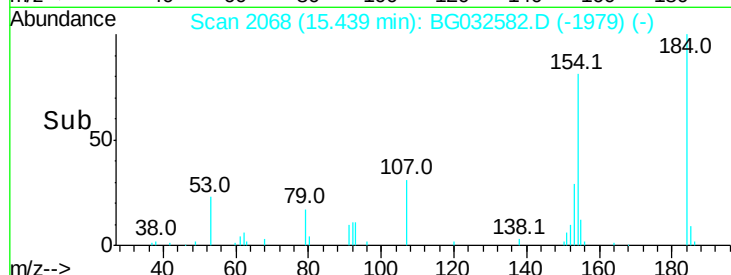
#53  
 2,4-Dinitrophenol  
 Concen: 44.378 ng  
 RT: 15.44 min Scan# 2068  
 Delta R.T. -0.00 min  
 Lab File: BG032582.D  
 Acq: 7 Feb 2018 3:41

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:184 Resp: 25359  
 Ion Ratio Lower Upper  
 184 100  
 63 45.1 59.8 89.8#  
 154 81.2 101.8 152.8#

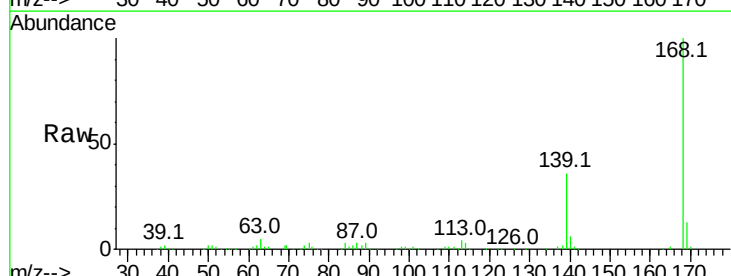


Abundance Ion 184.00 (183.70 to 184.70): E  
 Ion 63.00 (62.70 to 63.70): BG  
 Ion 154.00 (153.70 to 154.70): E

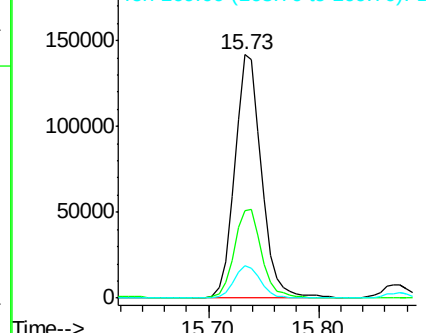
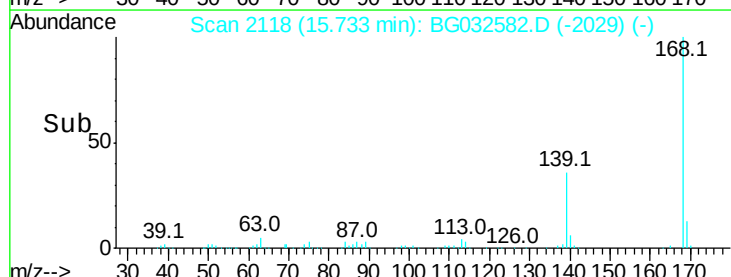


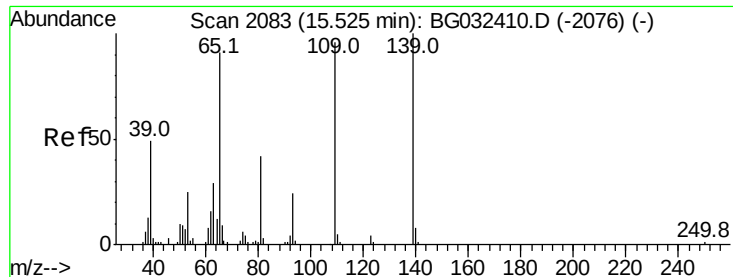
#54  
 Dibenzofuran  
 Concen: 47.568 ng  
 RT: 15.73 min Scan# 2118  
 Delta R.T. -0.00 min  
 Lab File: BG032582.D  
 Acq: 7 Feb 2018 3:41

Tgt Ion:168 Resp: 241708  
 Ion Ratio Lower Upper  
 168 100  
 139 35.7 28.6 43.0  
 169 13.4 11.2 16.8



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

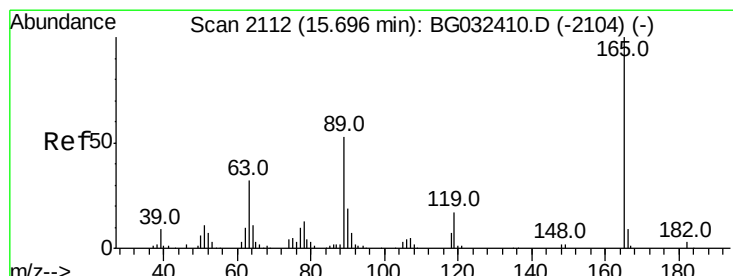
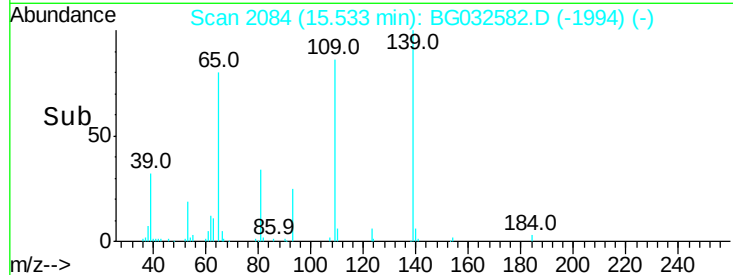
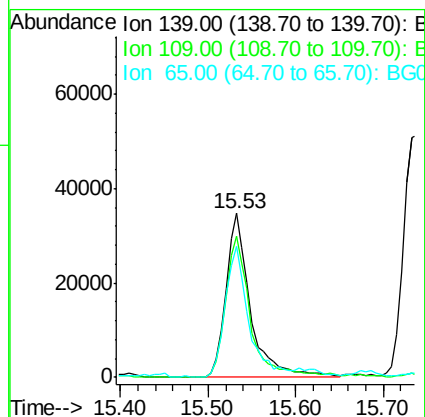
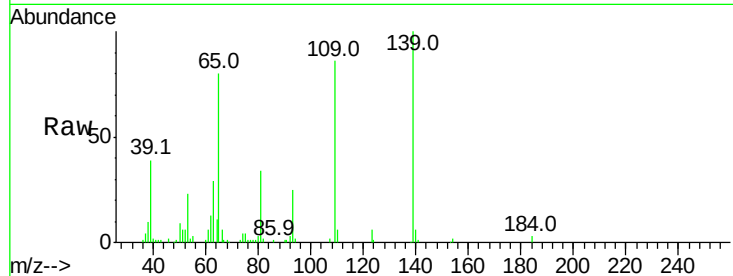




#55  
4-Nitrophenol  
Concen: 107.194 ng  
RT: 15.53 min Scan# 2084  
Delta R.T. 0.00 min  
Lab File: BG032582.D  
Acq: 7 Feb 2018 3:41

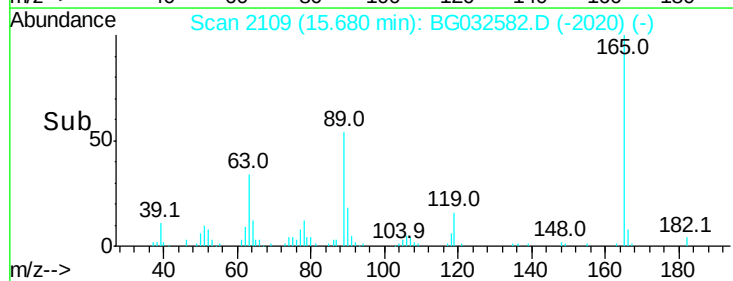
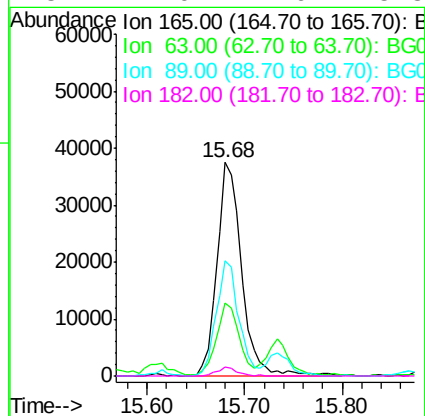
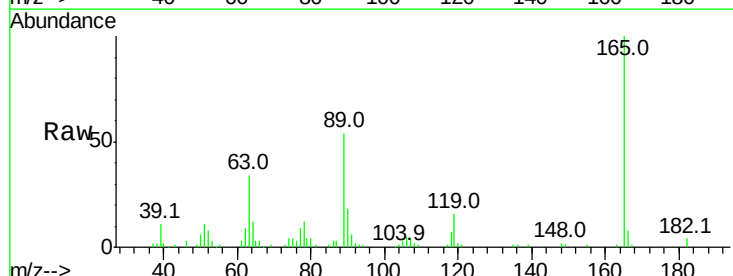
Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:139 Resp: 67081  
Ion Ratio Lower Upper  
139 100  
109 86.1 62.2 102.2  
65 80.0 97.2 137.2#

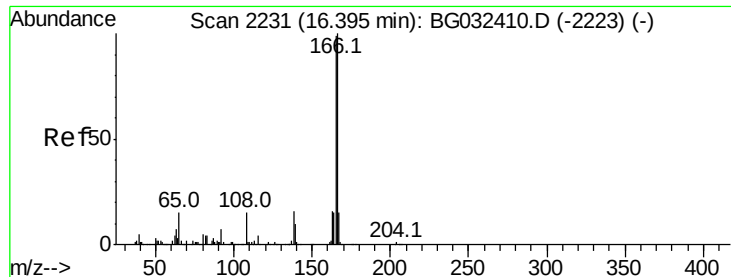


#56  
2,4-Dinitrotoluene  
Concen: 48.183 ng  
RT: 15.68 min Scan# 2109  
Delta R.T. -0.00 min  
Lab File: BG032582.D  
Acq: 7 Feb 2018 3:41

Tgt Ion:165 Resp: 65653  
Ion Ratio Lower Upper  
165 100  
63 34.5 42.0 63.0#  
89 53.8 66.9 100.3#  
182 4.0 2.6 3.8#







#57

Fluorene

Concen: 56.342 ng

RT: 16.38 min Scan# 2228

Delta R.T. -0.00 min

Lab File: BG032582.D

Acq: 7 Feb 2018 3:41

Instrument :

BNA\_G

ClientSampleId :

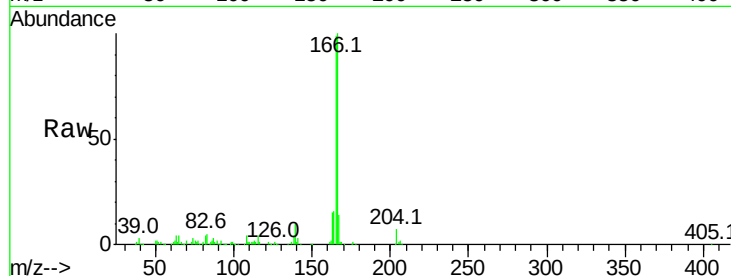
Tot Ion:166 Resp: 237900

Ion Ratio Lower Upper

166 100

165 98.5 80.6 121.0

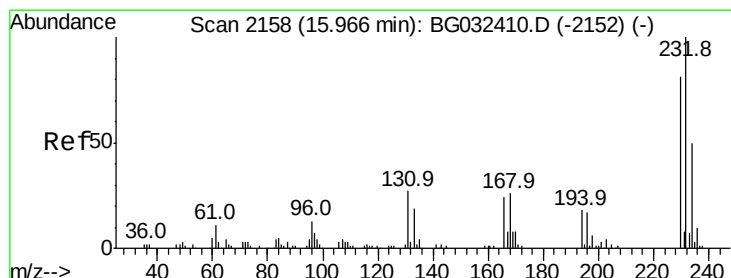
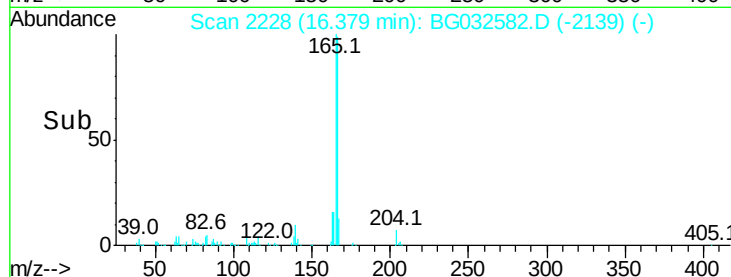
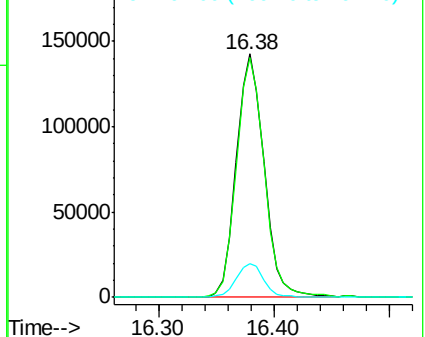
167 13.9 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.390 ng

RT: 15.95 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BG032582.D

Acq: 7 Feb 2018 3:41

Tgt Ion:232 Resp: 72904

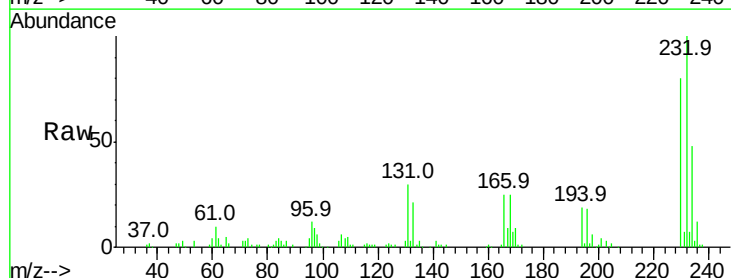
Ion Ratio Lower Upper

232 100

131 31.8 33.5 50.3#

130 2.3 2.2 3.2

166 24.8 24.8 37.2

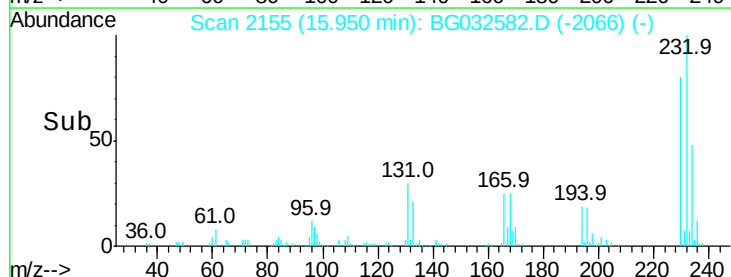
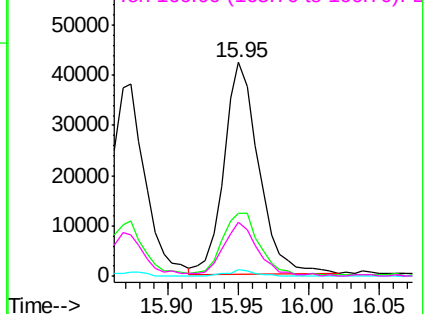


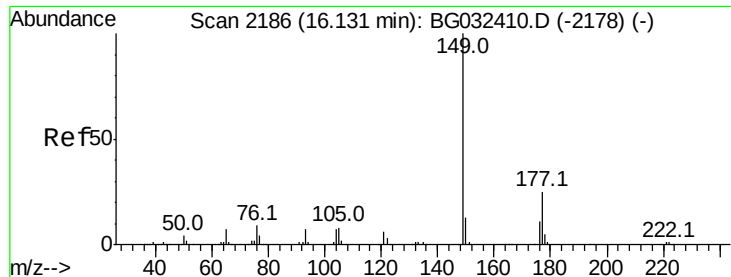
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

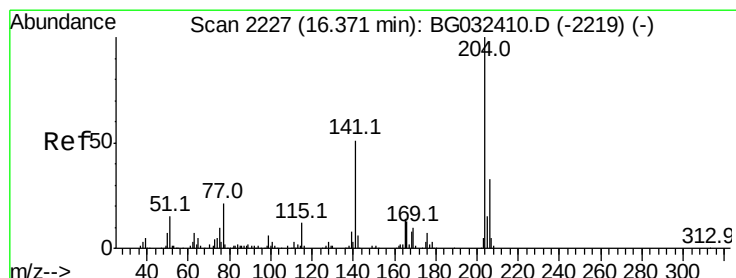
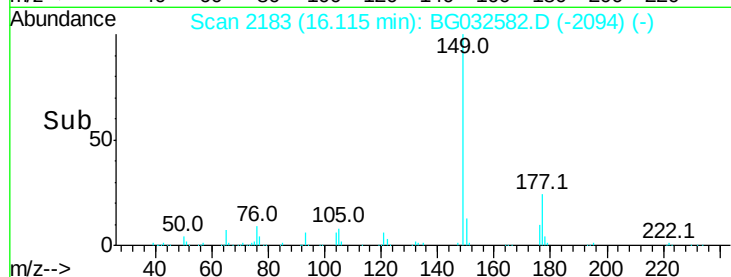
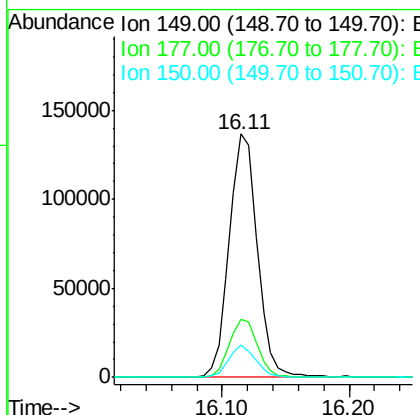
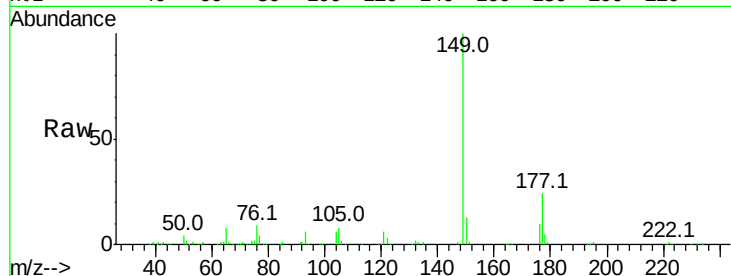




#59  
Diethylphthalate  
Concen: 47.185 ng  
RT: 16.11 min Scan# 2183  
Delta R.T. -0.00 min  
Lab File: BG032582.D  
Acq: 7 Feb 2018 3:41

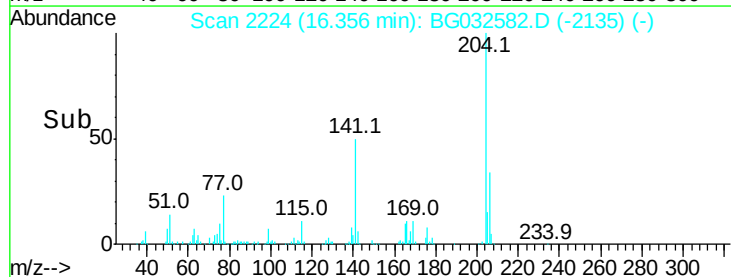
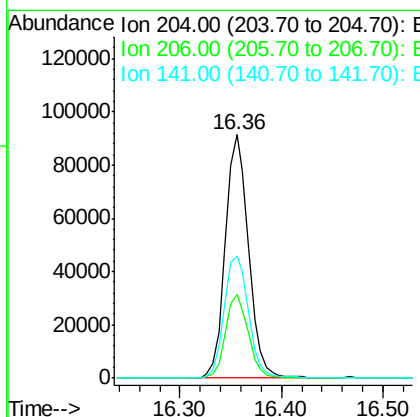
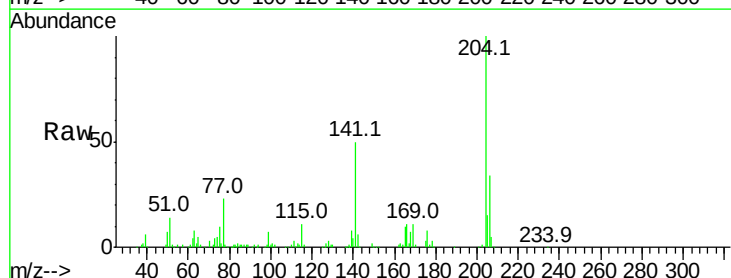
Instrument :  
BNA\_G  
ClientSampleId :

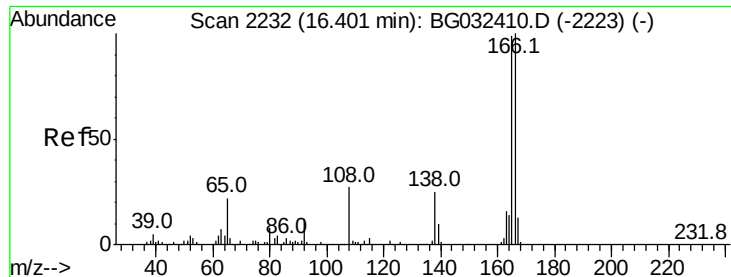
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 23.9  | 18.5  | 27.7  |
| 150     | 13.4  | 10.2  | 15.2  |



#60  
4-Chlorophenyl-phenylether  
Concen: 54.614 ng  
RT: 16.36 min Scan# 2224  
Delta R.T. -0.00 min  
Lab File: BG032582.D  
Acq: 7 Feb 2018 3:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 34.1  | 26.2  | 39.2  |
| 141     | 50.4  | 45.8  | 68.6  |

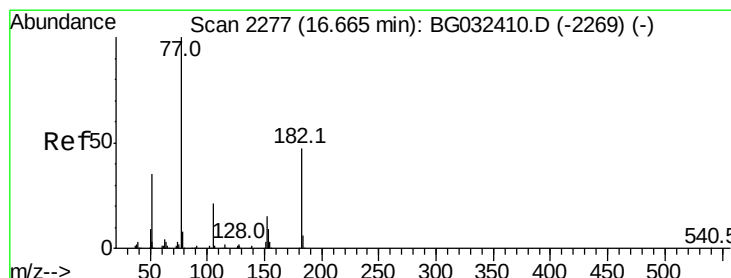
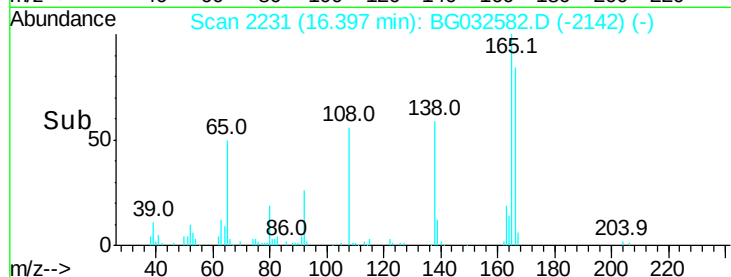
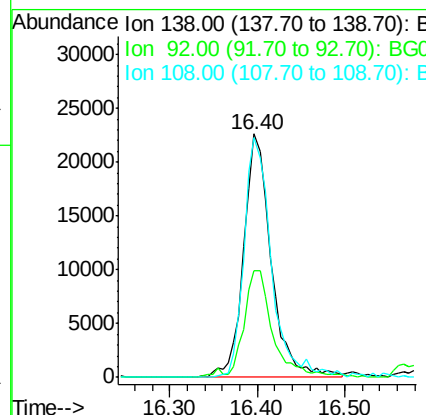
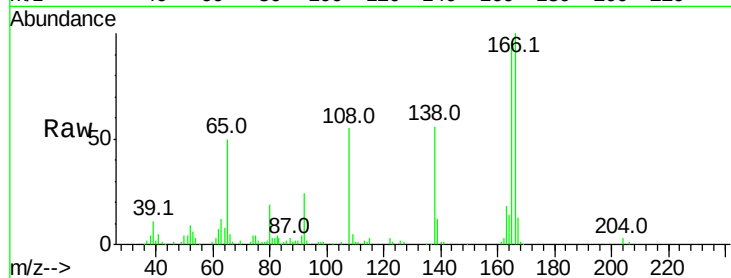




#61  
4-Nitroaniline  
Concen: 53.765 ng  
RT: 16.40 min Scan# 2231  
Delta R.T. -0.00 min  
Lab File: BG032582.D  
Acq: 7 Feb 2018 3:41

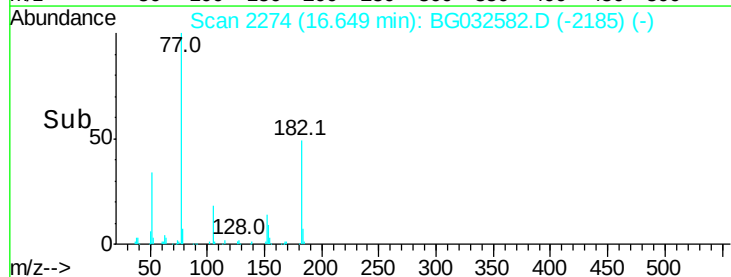
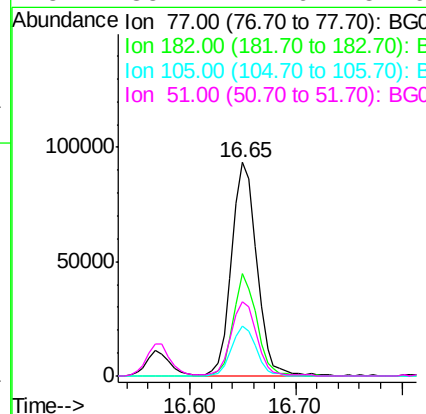
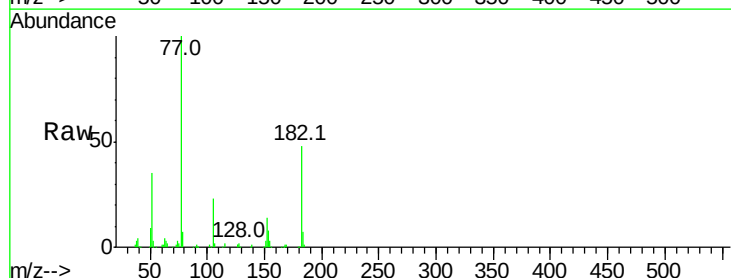
Instrument :  
BNA\_G  
ClientSampleId :

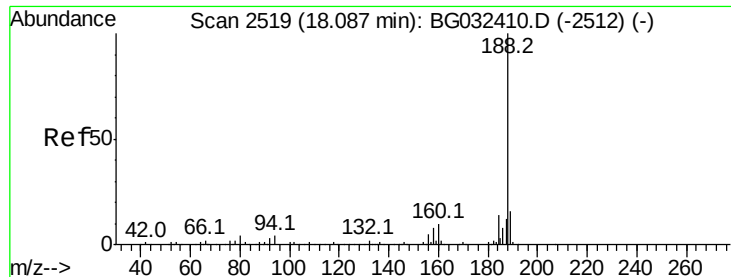
Tot Ion:138 Resp: 48169  
Ion Ratio Lower Upper  
138 100  
92 43.6 40.1 80.1  
108 98.6 65.4 105.4



#62  
Azobenzene  
Concen: 57.846 ng  
RT: 16.65 min Scan# 2274  
Delta R.T. -0.00 min  
Lab File: BG032582.D  
Acq: 7 Feb 2018 3:41

Tgt Ion: 77 Resp: 153512  
Ion Ratio Lower Upper  
77 100  
182 47.8 7.4 47.4#  
105 23.2 0.3 40.3  
51 35.1 11.6 51.6

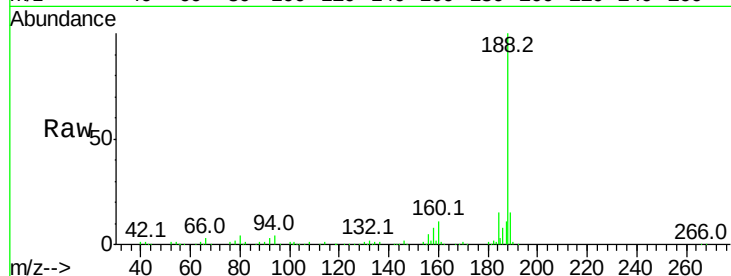




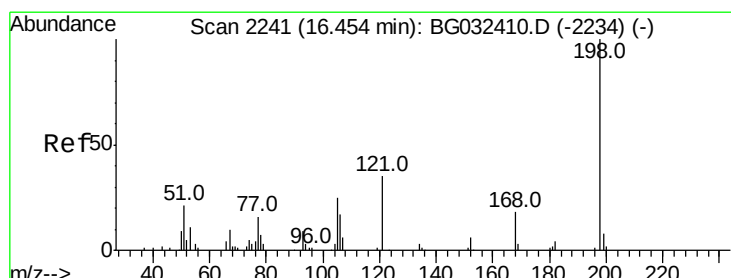
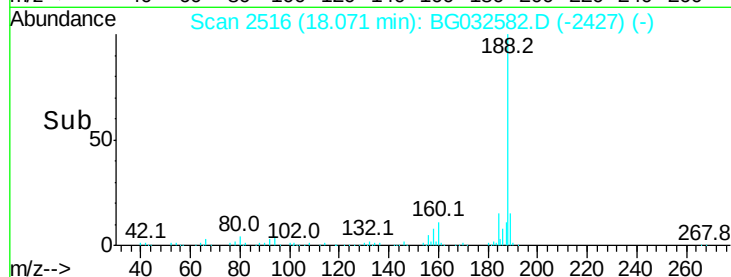
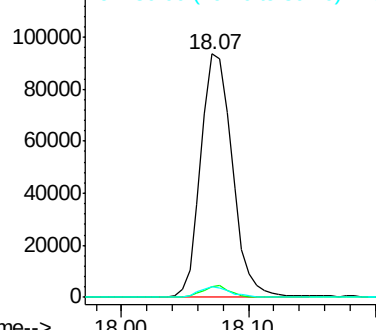
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 18.07 min Scan# 2516  
Delta R.T. -0.00 min  
Lab File: BG032582.D  
Acq: 7 Feb 2018 3:41

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:188 Resp: 161673  
Ion Ratio Lower Upper  
188 100  
94 4.1 6.9 10.3#  
80 4.5 7.7 11.5#

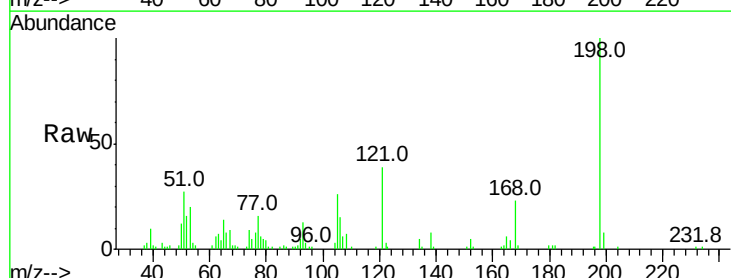


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BGC  
Ion 80.00 (79.70 to 80.70): BGC

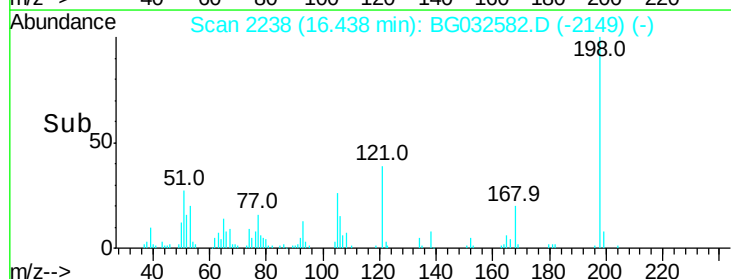
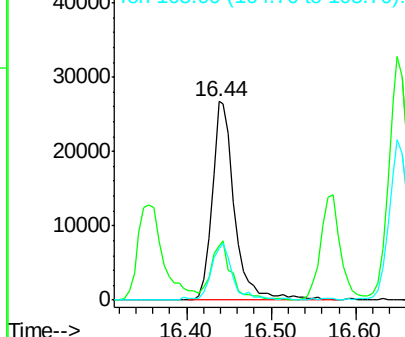


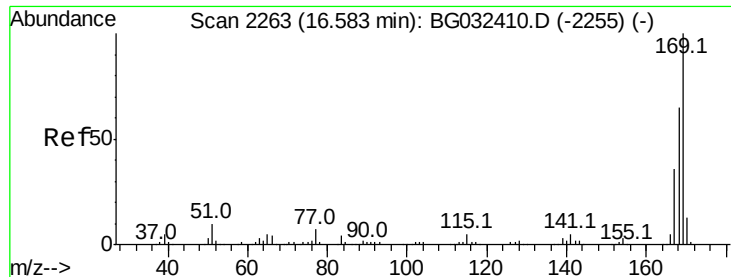
#64  
4,6-Dinitro-2-methylphenol  
Concen: 41.010 ng  
RT: 16.44 min Scan# 2238  
Delta R.T. -0.00 min  
Lab File: BG032582.D  
Acq: 7 Feb 2018 3:41

Tgt Ion:198 Resp: 49532  
Ion Ratio Lower Upper  
198 100  
51 27.3 30.6 70.6#  
105 26.2 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BGC  
Ion 105.00 (104.70 to 105.70): E

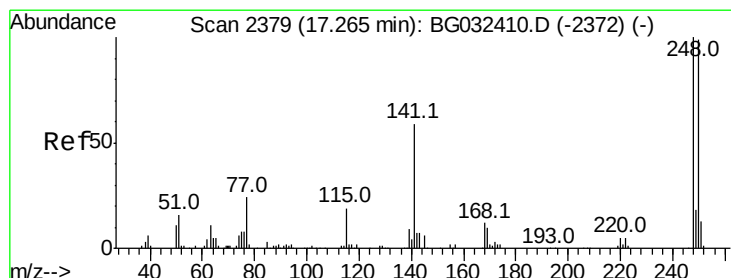
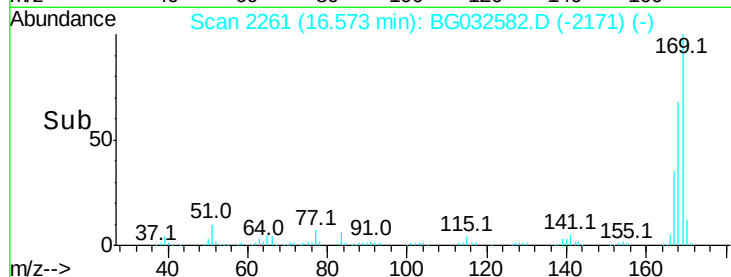
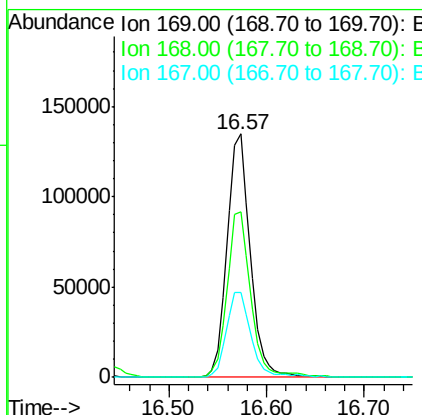
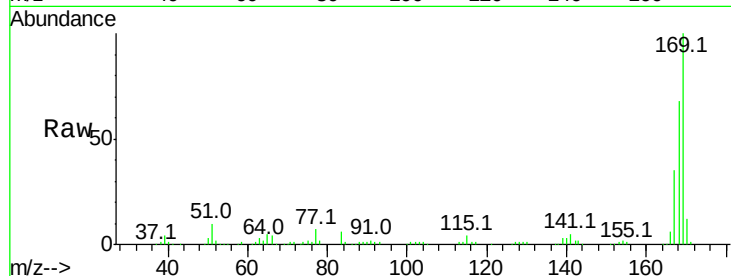




#65  
 n-Nitrosodiphenylamine  
 Concen: 46.120 ng  
 RT: 16.57 min Scan# 2261  
 Delta R.T. 0.00 min  
 Lab File: BG032582.D  
 Acq: 7 Feb 2018 3:41

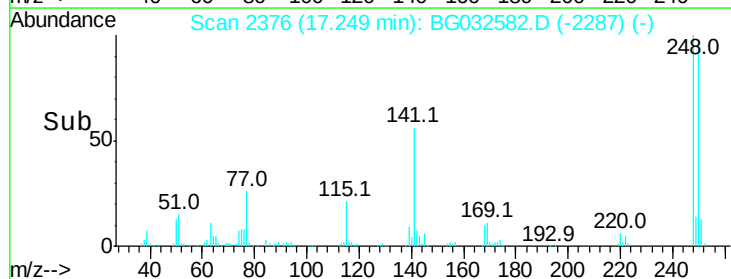
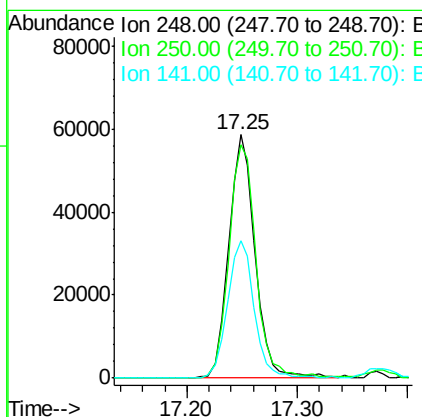
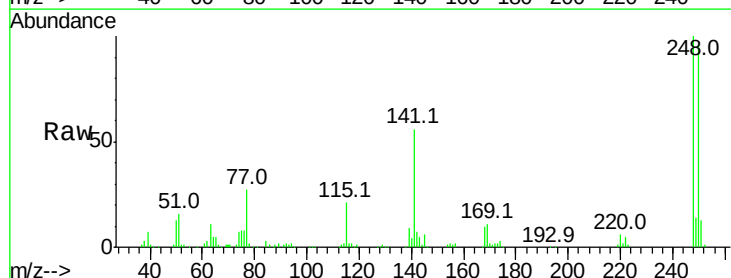
Instrument :  
 BNA\_G  
 ClientSampleId :

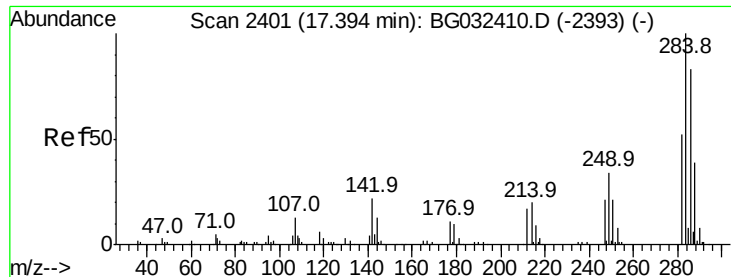
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 68.0  | 55.7  | 83.5  |
| 167     | 34.7  | 30.1  | 45.1  |



#66  
 4-Bromophenyl-phenylether  
 Concen: 40.772 ng  
 RT: 17.25 min Scan# 2376  
 Delta R.T. -0.00 min  
 Lab File: BG032582.D  
 Acq: 7 Feb 2018 3:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 95.9  | 77.1  | 115.7 |
| 141     | 56.4  | 50.8  | 76.2  |

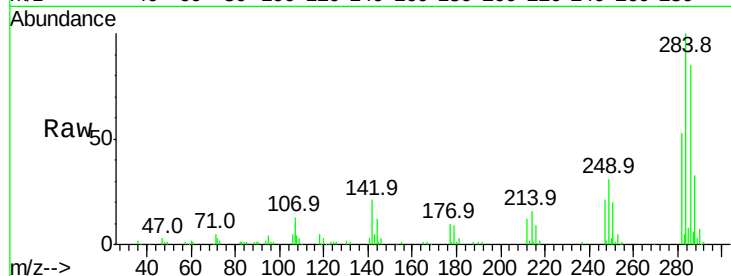




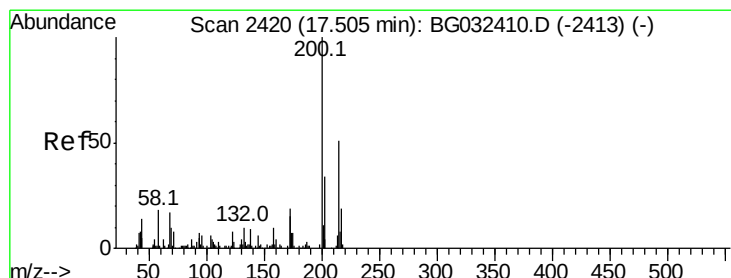
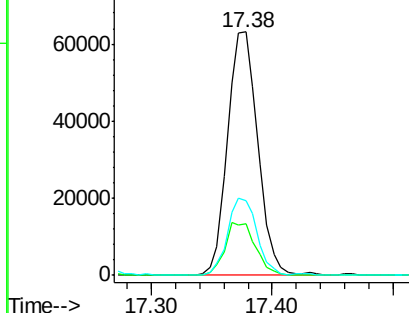
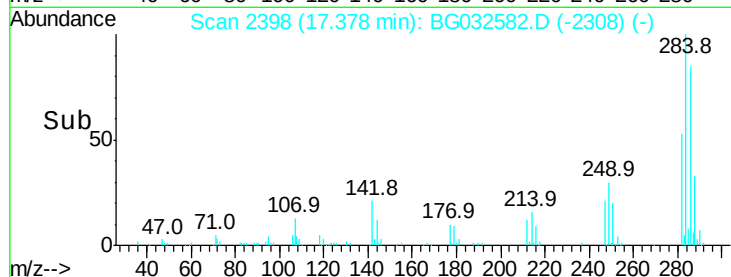
#67  
Hexachlorobenzene  
Concen: 41.651 ng  
RT: 17.38 min Scan# 2398  
Delta R.T. 0.00 min  
Lab File: BG032582.D  
Acq: 7 Feb 2018 3:41

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:284 Resp: 110399  
Ion Ratio Lower Upper  
284 100  
142 21.3 26.8 40.2#  
249 30.7 26.3 39.5

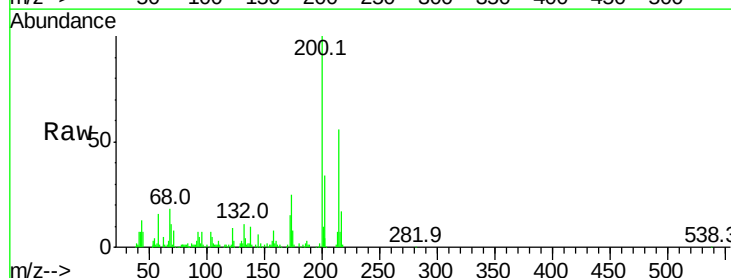


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

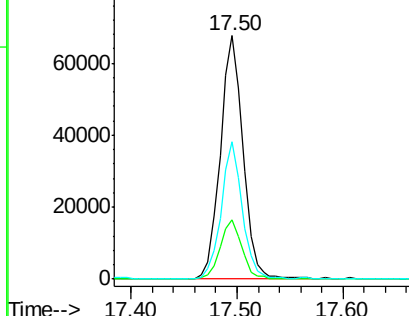
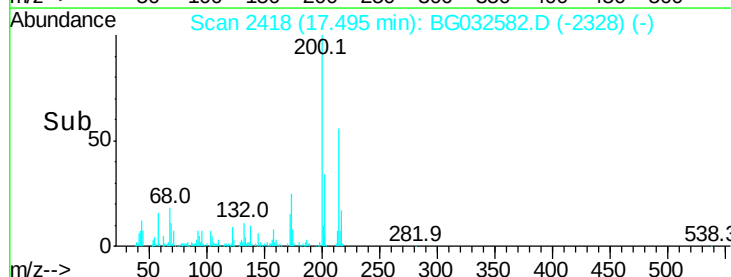


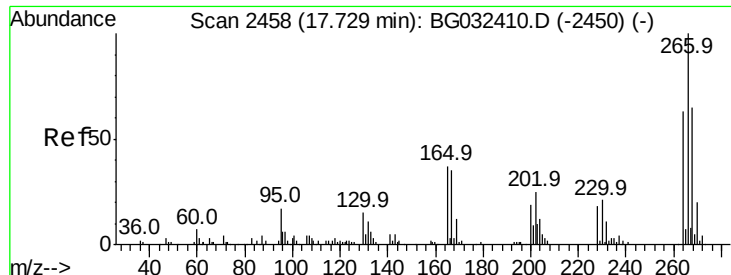
#68  
Atrazine  
Concen: 49.085 ng  
RT: 17.50 min Scan# 2418  
Delta R.T. 0.00 min  
Lab File: BG032582.D  
Acq: 7 Feb 2018 3:41

Tgt Ion:200 Resp: 101666  
Ion Ratio Lower Upper  
200 100  
173 24.6 5.2 45.2  
215 56.4 30.4 70.4



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

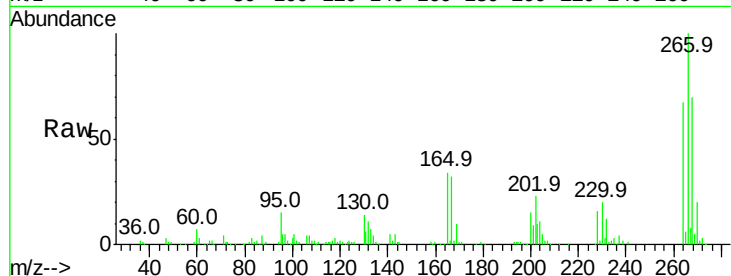




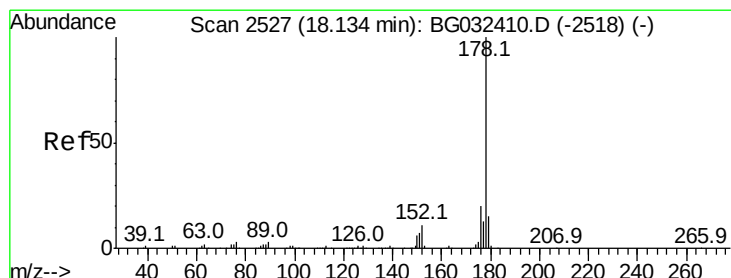
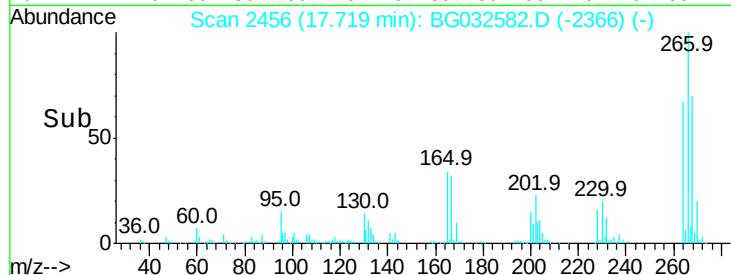
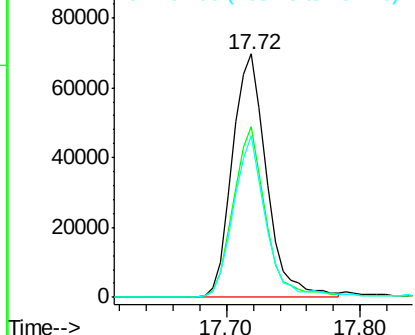
#69  
 Pentachlorophenol  
 Concen: 74.983 ng  
 RT: 17.72 min Scan# 2456  
 Delta R.T. 0.00 min  
 Lab File: BG032582.D  
 Acq: 7 Feb 2018 3:41

Instrument :  
 BNA\_G  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 70.0  | 51.1  | 76.7  |
| 264     | 66.6  | 49.6  | 74.4  |

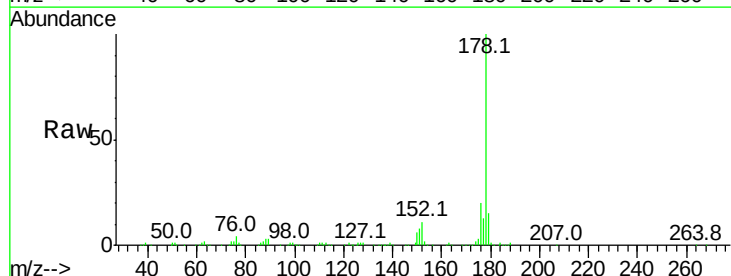


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

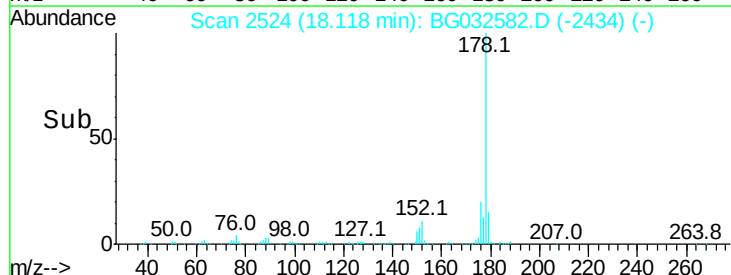
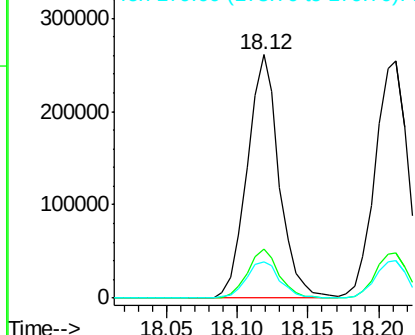


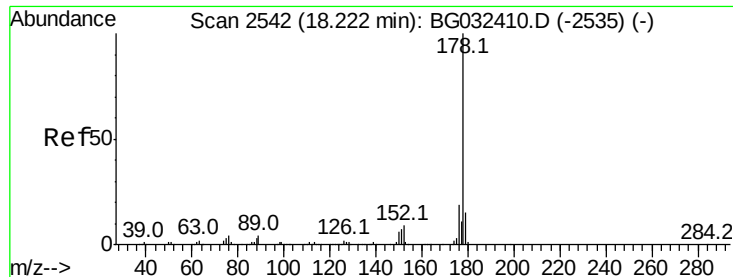
#70  
 Phenanthrene  
 Concen: 45.919 ng  
 RT: 18.12 min Scan# 2524  
 Delta R.T. 0.00 min  
 Lab File: BG032582.D  
 Acq: 7 Feb 2018 3:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.2  | 15.7  | 23.5  |
| 179     | 15.2  | 12.5  | 18.7  |



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

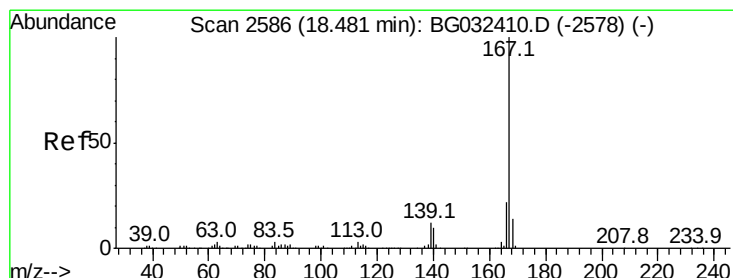
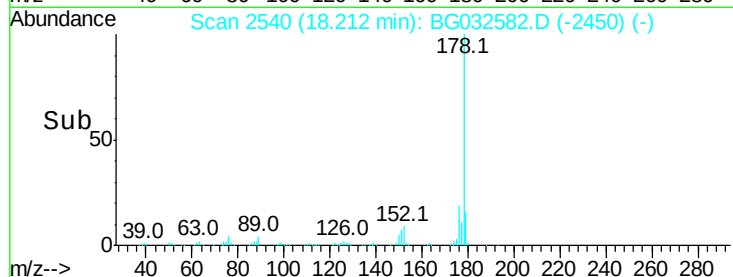
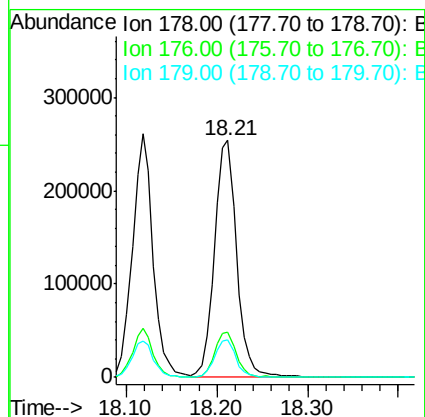
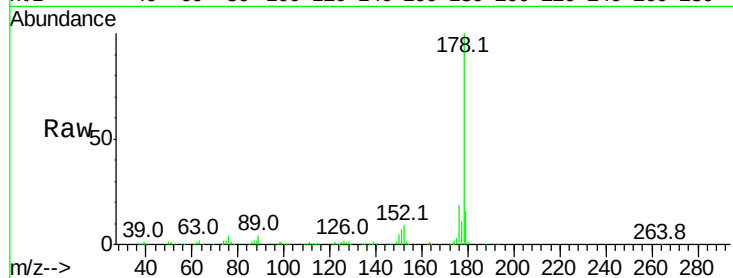




#71  
 Anthracene  
 Concen: 47.678 ng  
 RT: 18.21 min Scan# 2540  
 Delta R.T. 0.00 min  
 Lab File: BG032582.D  
 Acq: 7 Feb 2018 3:41

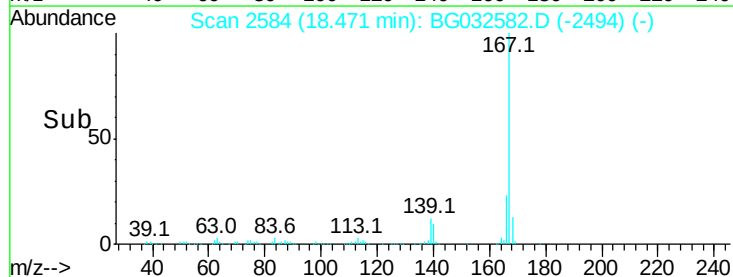
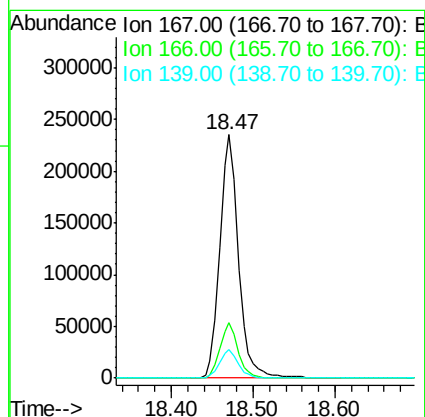
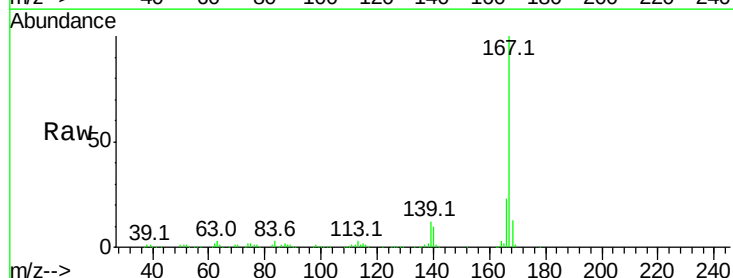
Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:178 Resp: 428019  
 Ion Ratio Lower Upper  
 178 100  
 176 18.9 16.0 24.0  
 179 16.0 12.5 18.7

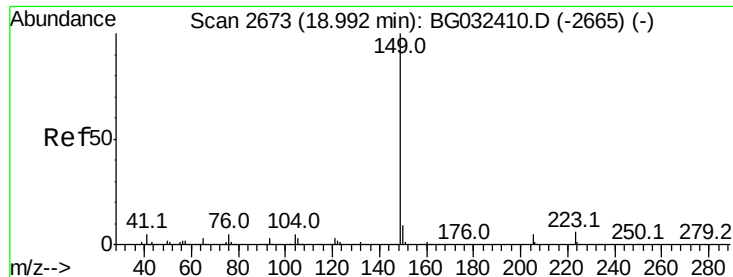


#72  
 Carbazole  
 Concen: 47.404 ng  
 RT: 18.47 min Scan# 2584  
 Delta R.T. 0.00 min  
 Lab File: BG032582.D  
 Acq: 7 Feb 2018 3:41

Tgt Ion:167 Resp: 376006  
 Ion Ratio Lower Upper  
 167 100  
 166 22.7 18.2 27.4  
 139 11.7 9.4 14.2







#73

Di-n-butylphthalate

Concen: 49.246 ng

RT: 18.98 min Scan# 2670

Delta R.T. 0.00 min

Lab File: BG032582.D

Acq: 7 Feb 2018 3:41

Instrument :

BNA\_G

ClientSampleId :

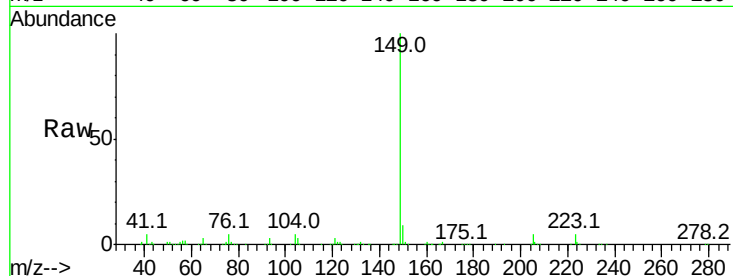
Tot Ion:149 Resp: 432481

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

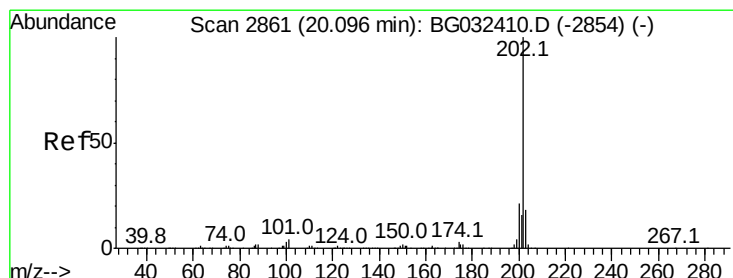
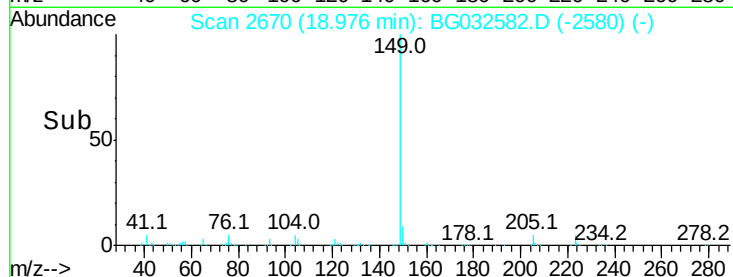
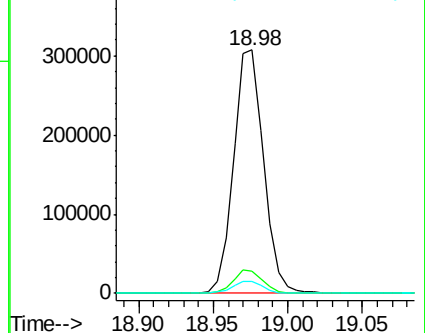
104 5.0 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 46.722 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG032582.D

Acq: 7 Feb 2018 3:41

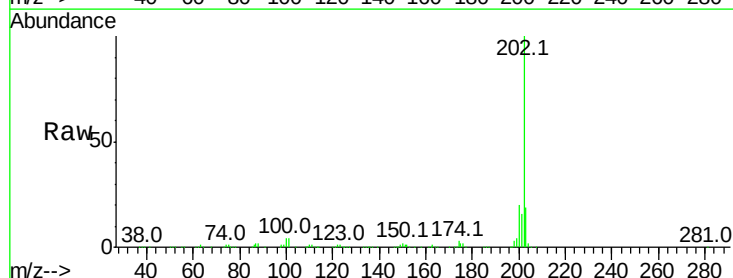
Tgt Ion:202 Resp: 552438

Ion Ratio Lower Upper

202 100

101 4.4 0.0 28.9

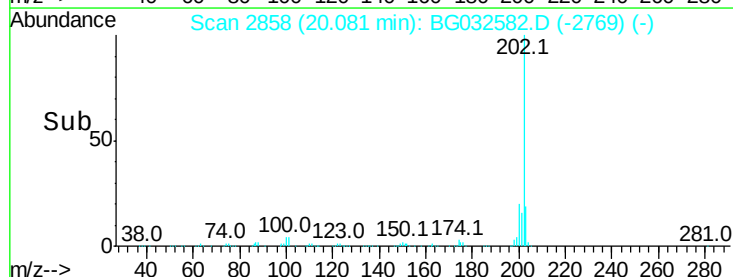
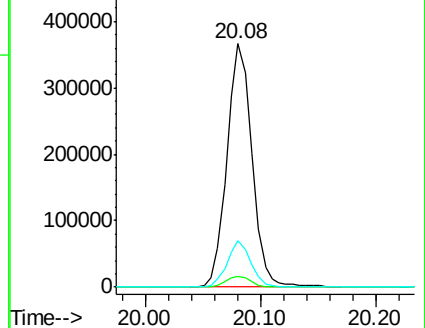
203 18.8 0.0 37.5

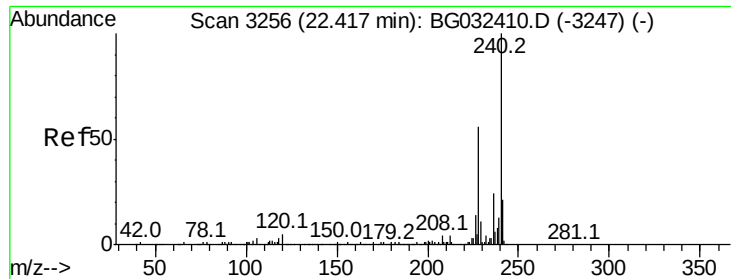


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.40 min Scan# 3253

Delta R.T. -0.00 min

Lab File: BG032582.D

Acq: 7 Feb 2018 3:41

Instrument :

BNA\_G

ClientSampled :

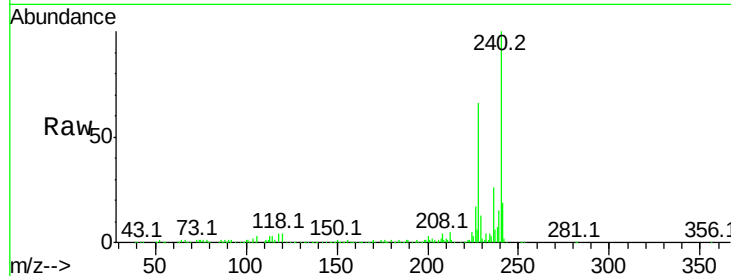
Tot Ion:240 Resp: 200535

Ion Ratio Lower Upper

240 100

120 4.3 6.8 10.2#

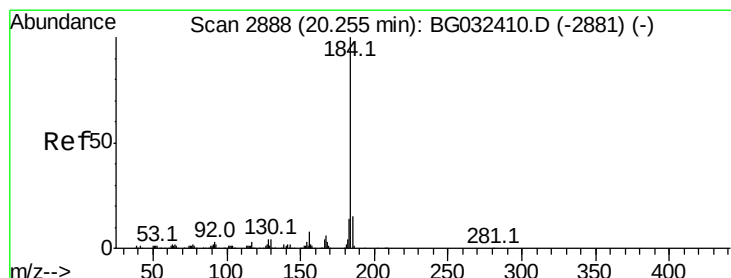
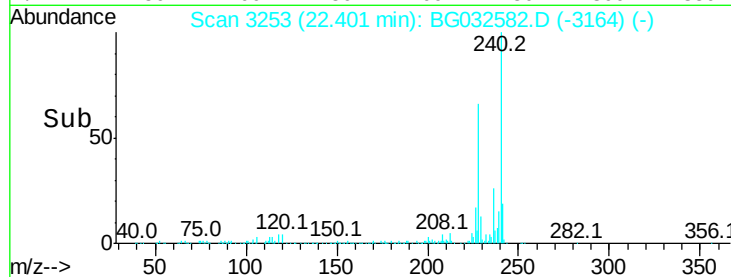
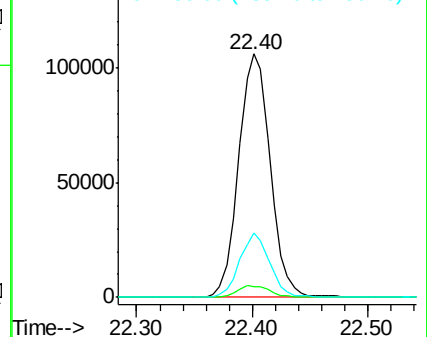
236 26.2 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 39.146 ng

RT: 20.25 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG032582.D

Acq: 7 Feb 2018 3:41

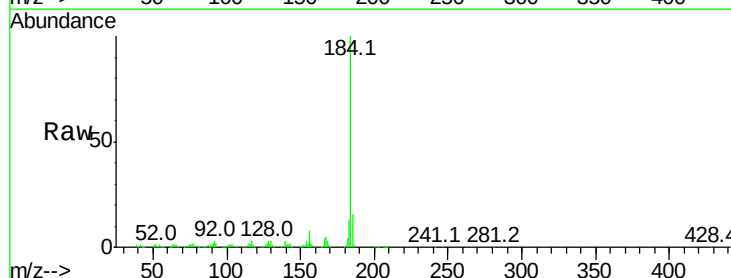
Tgt Ion:184 Resp: 154146

Ion Ratio Lower Upper

184 100

185 15.9 11.1 16.7

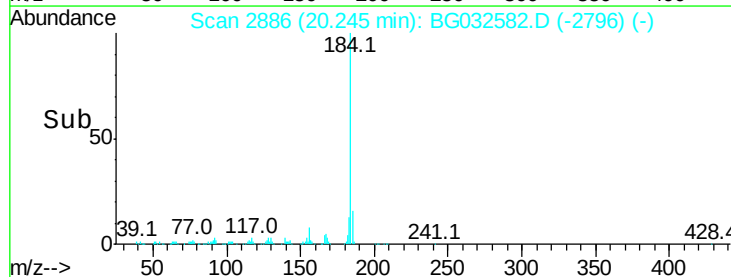
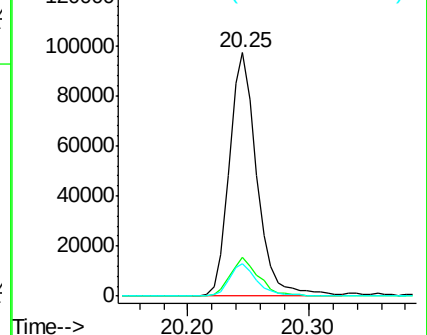
183 13.2 10.6 16.0

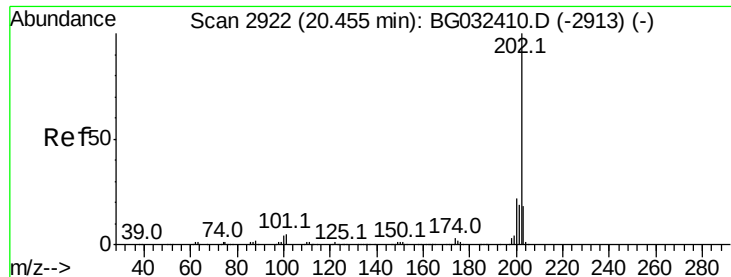


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.855 ng

RT: 20.44 min Scan# 2919

Delta R.T. -0.00 min

Lab File: BG032582.D

Acq: 7 Feb 2018 3:41

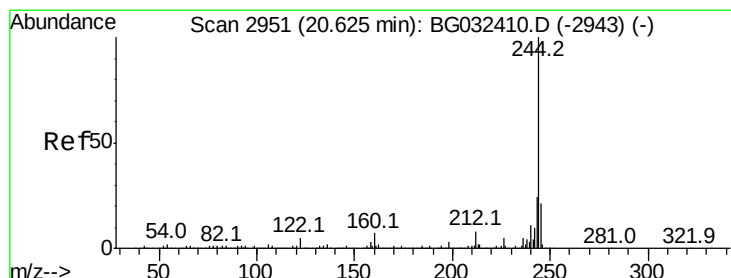
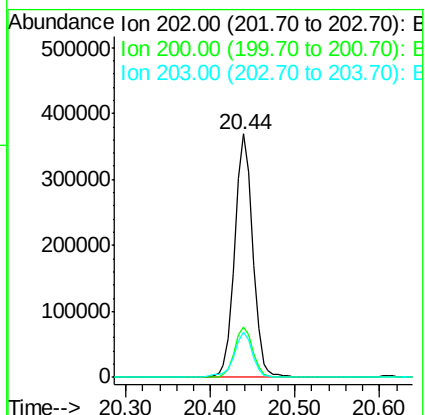
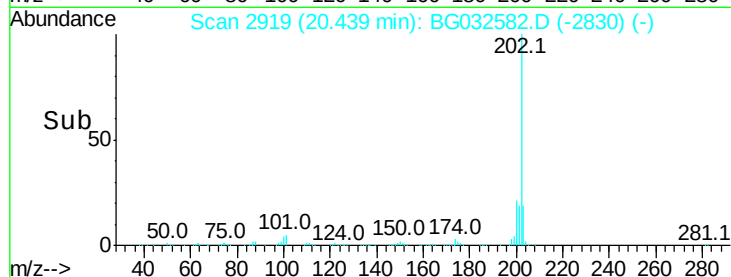
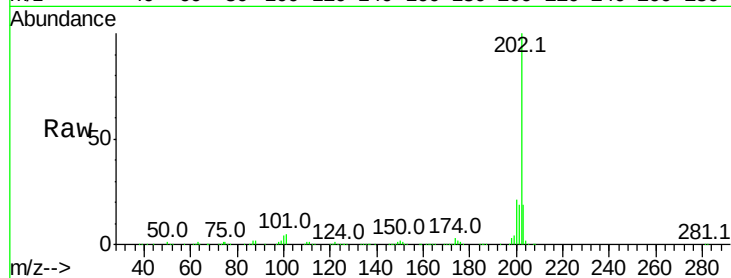
Instrument :

BNA\_G

ClientSampled :

Tot Ion:202 Resp: 539400

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 20.5  | 16.9  | 25.3  |
| 203 | 18.7  | 13.9  | 20.9  |



#78

Terphenyl-d14

Concen: 94.449 ng

RT: 20.62 min Scan# 2949

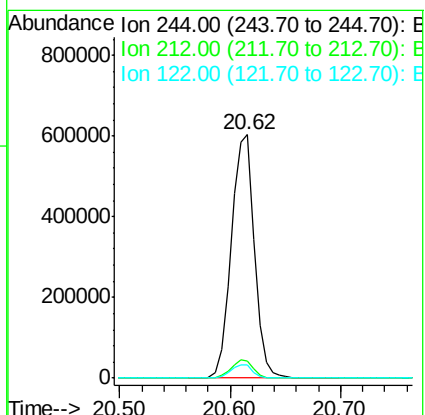
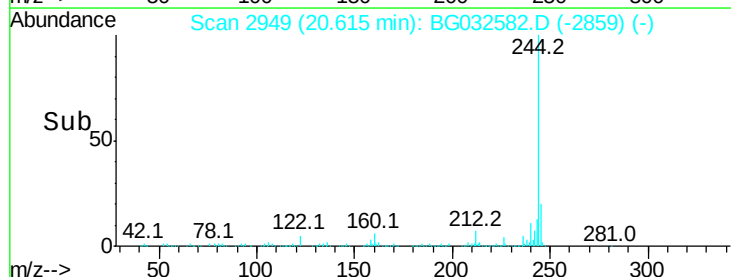
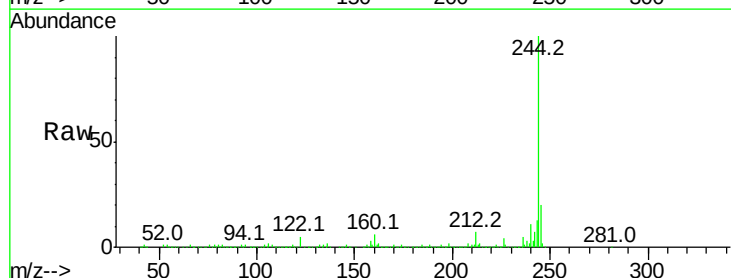
Delta R.T. 0.00 min

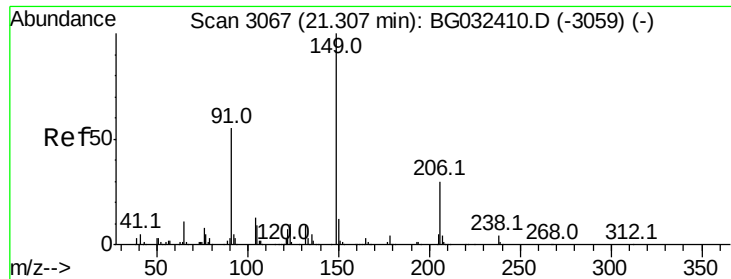
Lab File: BG032582.D

Acq: 7 Feb 2018 3:41

Tgt Ion:244 Resp: 884201

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.0   | 5.8   | 8.8   |
| 122 | 5.2   | 7.0   | 10.4# |

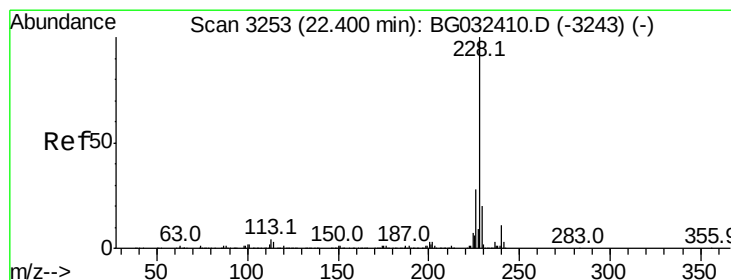
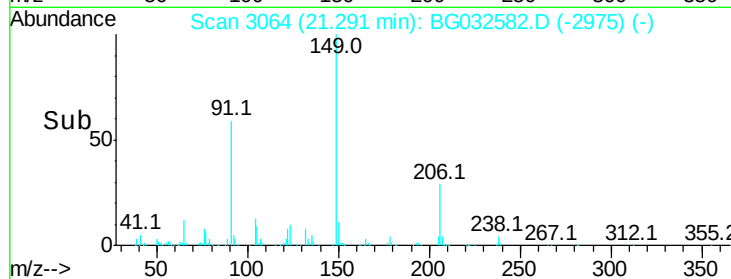
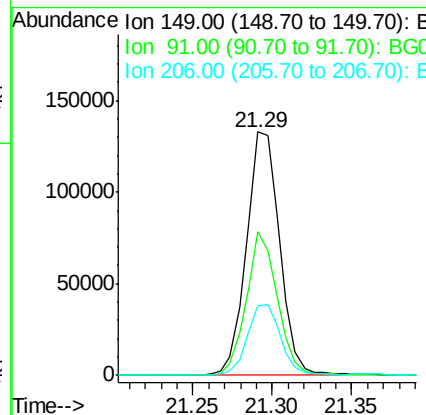
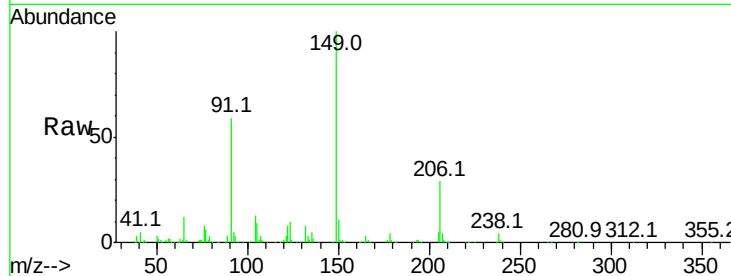




#79  
Butylbenzylphthalate  
Concen: 49.695 ng  
RT: 21.29 min Scan# 3064  
Delta R.T. -0.00 min  
Lab File: BG032582.D  
Acq: 7 Feb 2018 3:41

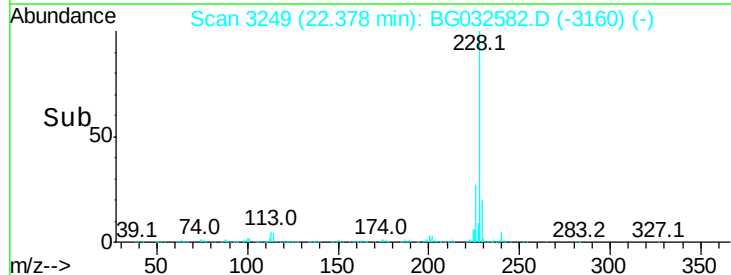
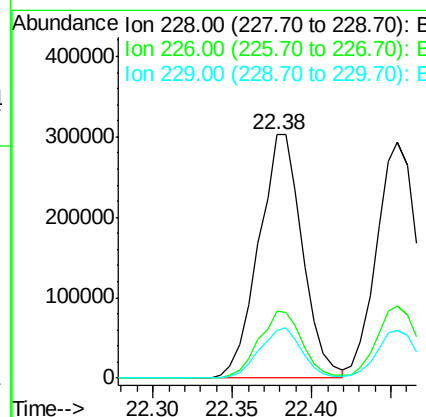
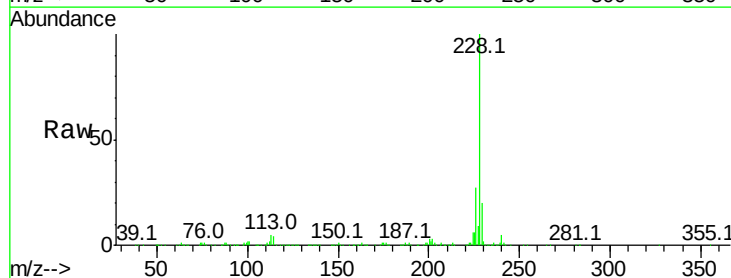
Instrument :  
BNA\_G  
ClientSampleId :

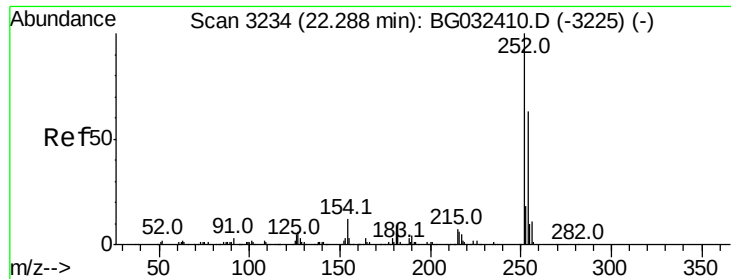
Tot Ion:149 Resp: 192797  
Ion Ratio Lower Upper  
149 100  
91 58.9 62.2 93.2#  
206 28.5 18.6 27.8#



#80  
Benzo(a)anthracene  
Concen: 46.672 ng  
RT: 22.38 min Scan# 3249  
Delta R.T. -0.00 min  
Lab File: BG032582.D  
Acq: 7 Feb 2018 3:41

Tgt Ion:228 Resp: 580235  
Ion Ratio Lower Upper  
228 100  
226 27.5 22.7 34.1  
229 19.8 16.2 24.2

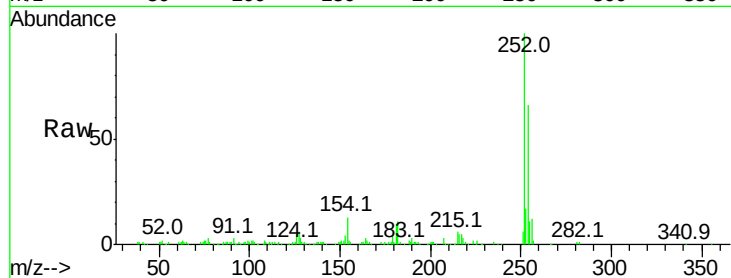




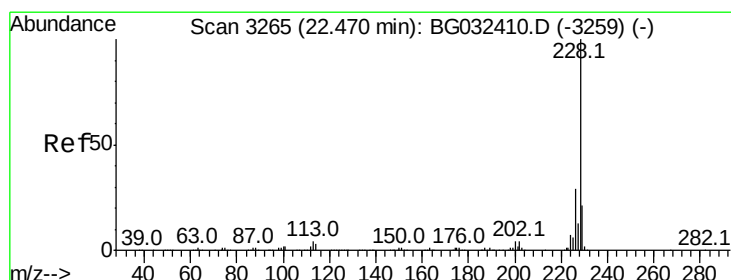
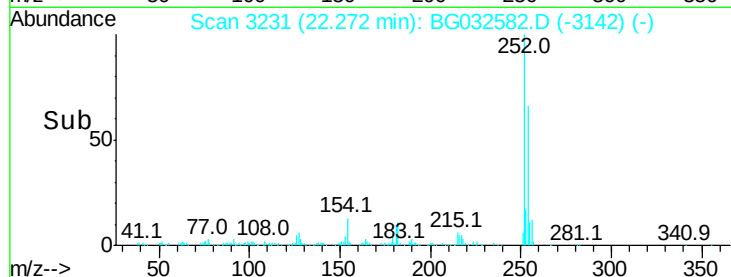
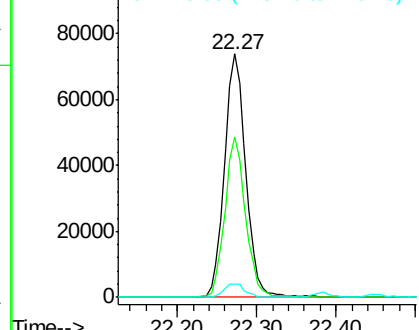
#81  
 3,3'-Dichlorobenzidine  
 Concen: 28.484 ng  
 RT: 22.27 min Scan# 3231  
 Delta R.T. -0.00 min  
 Lab File: BG032582.D  
 Acq: 7 Feb 2018 3:41

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 66.1  | 50.8  | 76.2  |
| 126     | 5.3   | 7.4   | 11.2# |

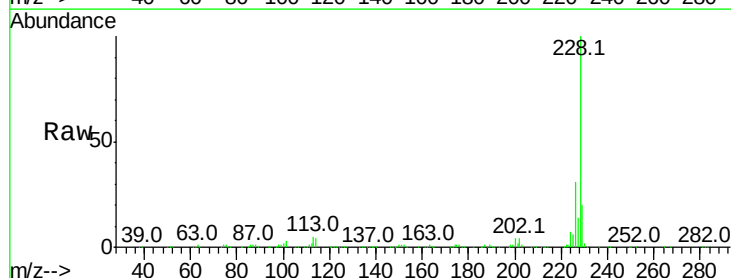


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

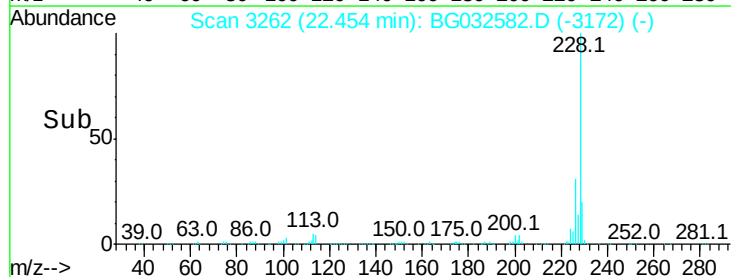
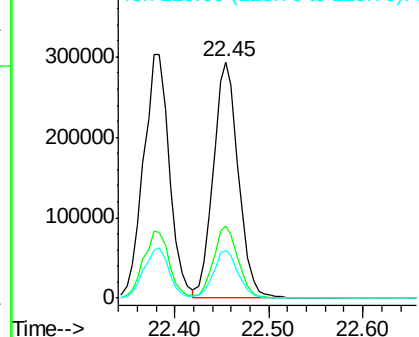


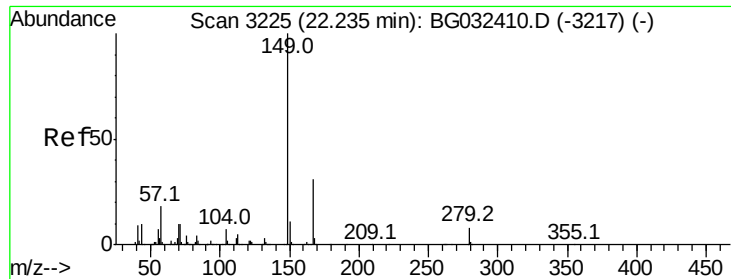
#82  
 Chrysene  
 Concen: 45.577 ng  
 RT: 22.45 min Scan# 3262  
 Delta R.T. 0.00 min  
 Lab File: BG032582.D  
 Acq: 7 Feb 2018 3:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.8  | 24.9  | 37.3  |
| 229     | 20.4  | 15.0  | 22.4  |



Abundance Ion 228.00 (227.70 to 228.70): E  
 Ion 226.00 (225.70 to 226.70): E  
 Ion 229.00 (228.70 to 229.70): E

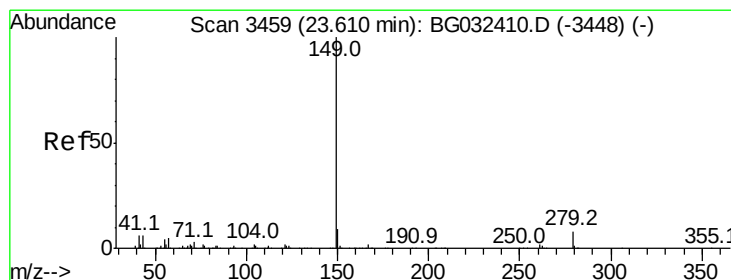
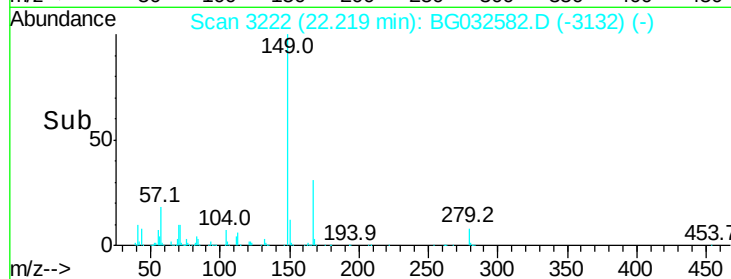
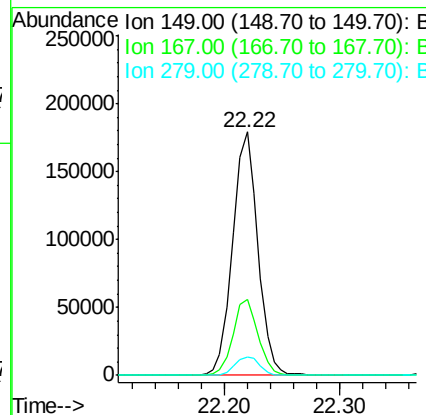
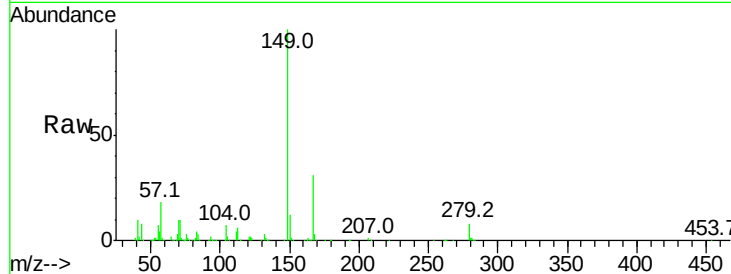




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 49.208 ng  
 RT: 22.22 min Scan# 3222  
 Delta R.T. 0.00 min  
 Lab File: BG032582.D  
 Acq: 7 Feb 2018 3:41

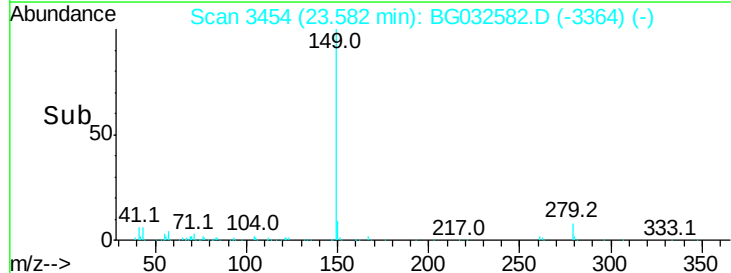
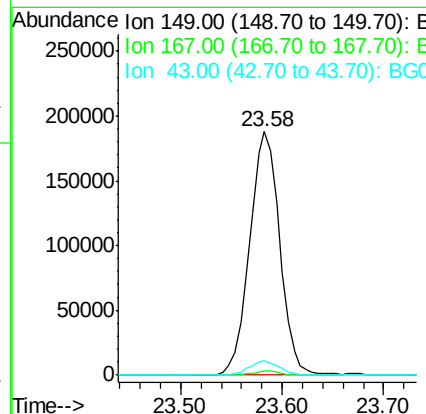
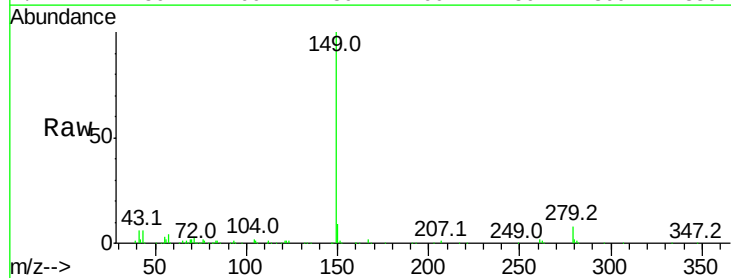
Instrument :  
 BNA\_G  
 ClientSampleId :

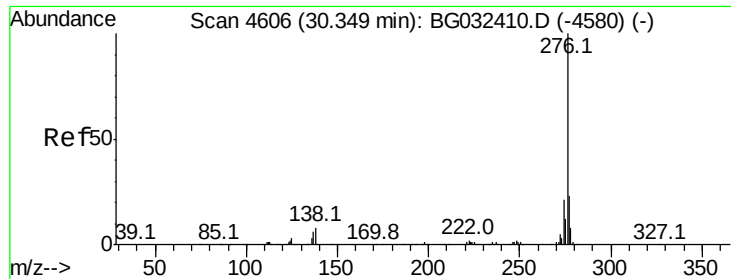
| Tot Ion   | 149  | Resp  | 270688 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 149       | 100  |       |        |
| 167       | 30.9 | 24.3  | 36.5   |
| 279       | 7.7  | 4.0   | 6.0    |



#84  
 Di-n-octyl phthalate  
 Concen: 44.171 ng  
 RT: 23.58 min Scan# 3454  
 Delta R.T. 0.00 min  
 Lab File: BG032582.D  
 Acq: 7 Feb 2018 3:41

| Tgt Ion   | 149 | Resp  | 385391 |
|-----------|-----|-------|--------|
| Ion Ratio | 100 | Lower | Upper  |
| 149       | 100 |       |        |
| 167       | 1.6 | 1.4   | 2.0    |
| 43        | 5.8 | 8.9   | 13.3   |

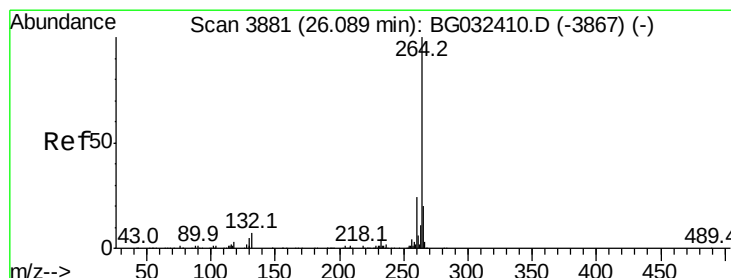
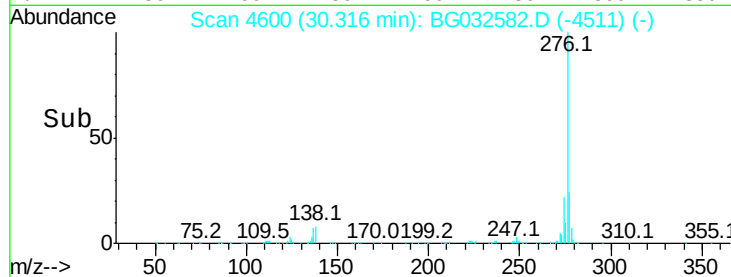
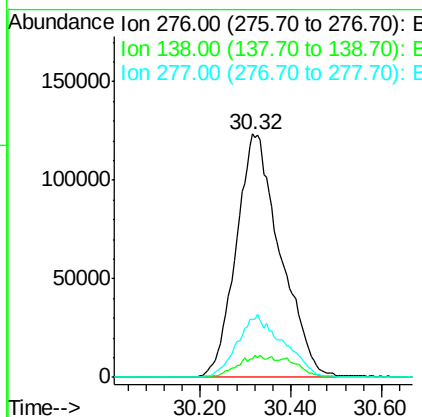
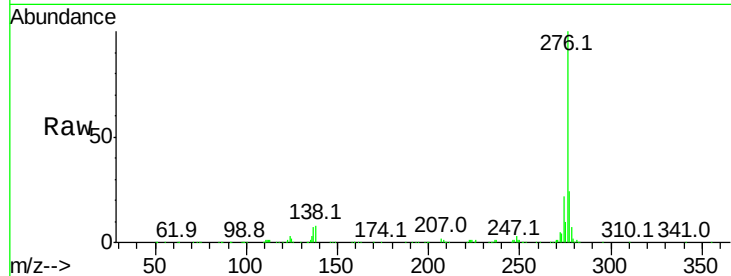




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 54.997 ng  
 RT: 30.32 min Scan# 4600  
 Delta R.T. -0.00 min  
 Lab File: BG032582.D  
 Acq: 7 Feb 2018 3:41

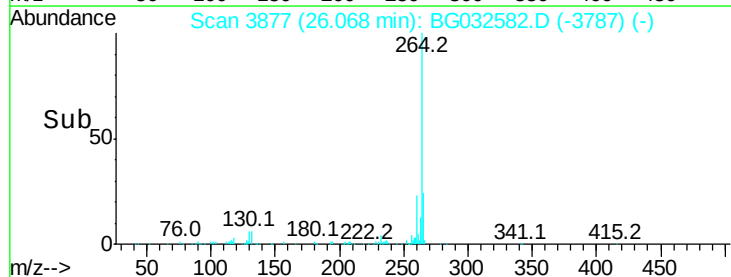
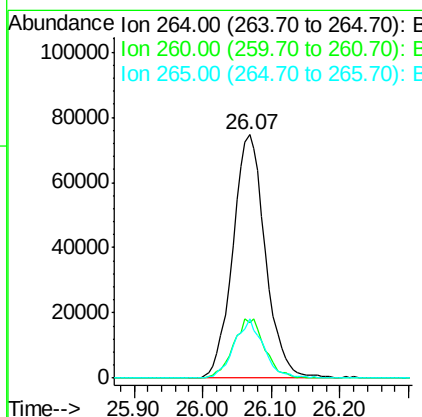
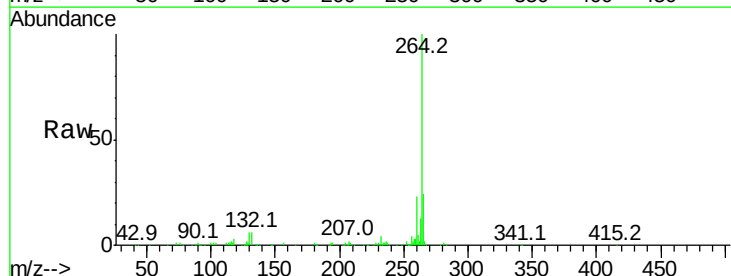
Instrument :  
 BNA\_G  
 ClientSampleId :

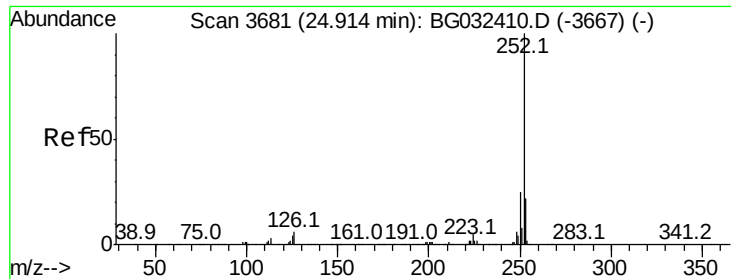
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 0.0   | 16.0  | 24.0# |
| 277     | 26.6  | 20.0  | 30.0  |



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 26.07 min Scan# 3877  
 Delta R.T. 0.00 min  
 Lab File: BG032582.D  
 Acq: 7 Feb 2018 3:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.6  | 17.4  | 26.0  |
| 265     | 24.3  | 17.7  | 26.5  |





#87

Benzo(b)fluoranthene

Concen: 43.305 ng

RT: 24.89 min Scan# 3677

Delta R.T. -0.00 min

Lab File: BG032582.D

Acq: 7 Feb 2018 3:41

Instrument :

BNA\_G

ClientSampleId :

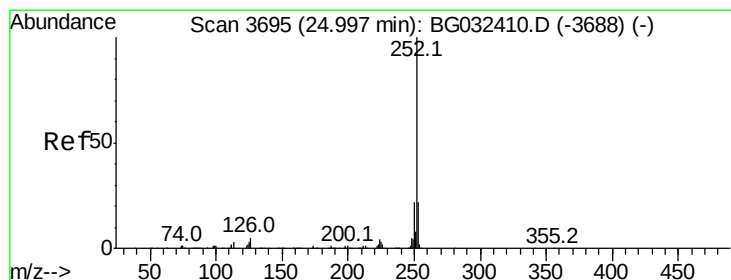
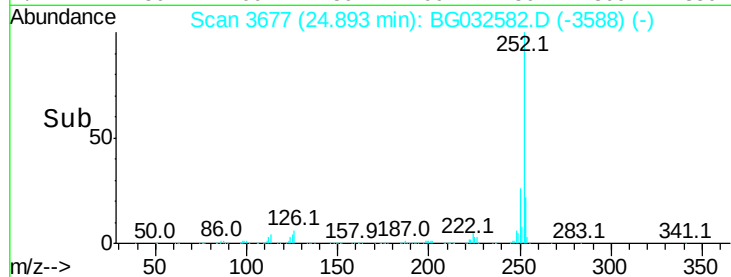
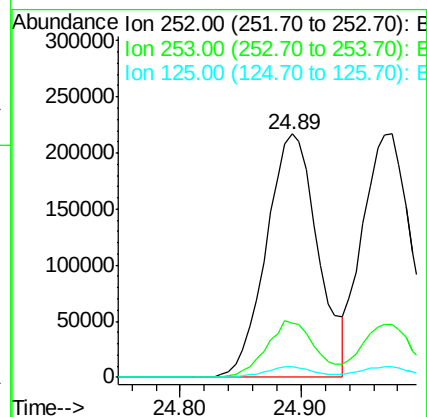
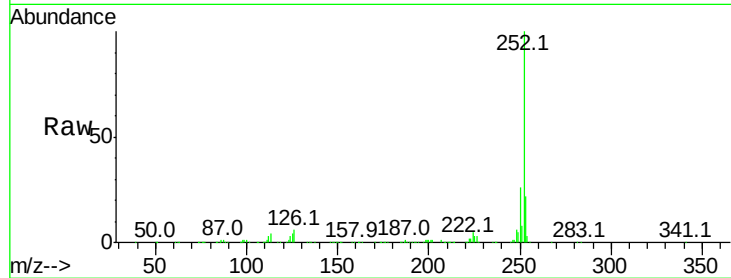
Tot Ion:252 Resp: 641082

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.4

125 4.1 7.2 10.8#



#88

Benzo(k)fluoranthene

Concen: 41.608 ng

RT: 24.97 min Scan# 3691

Delta R.T. 0.00 min

Lab File: BG032582.D

Acq: 7 Feb 2018 3:41

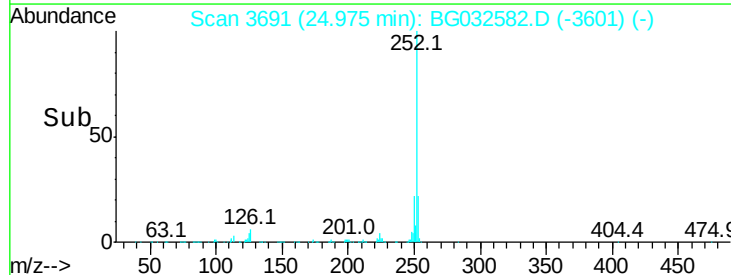
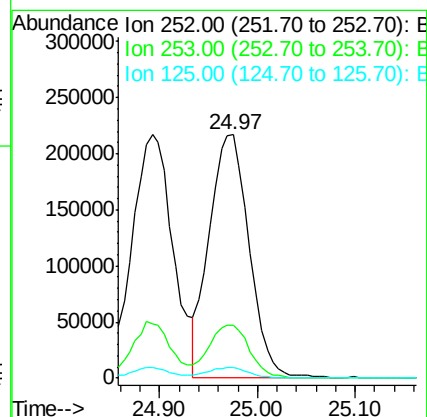
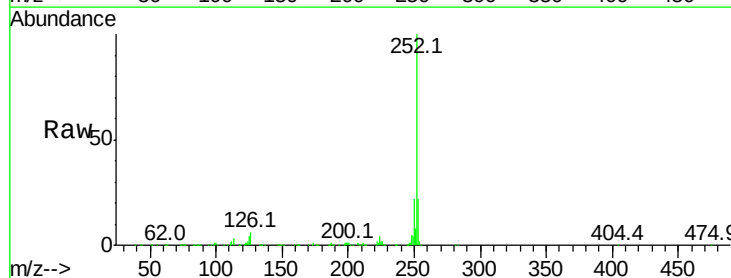
Tgt Ion:252 Resp: 610181

Ion Ratio Lower Upper

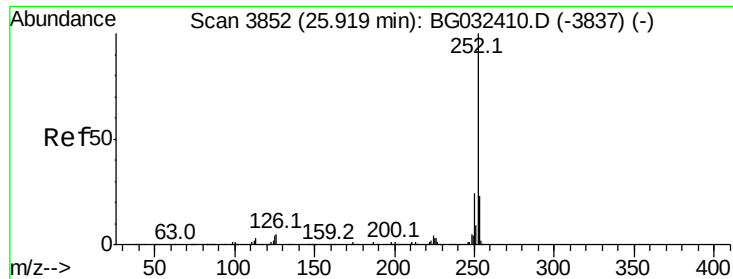
252 100

253 21.7 17.4 26.2

125 4.2 6.6 9.8#







#89

Benzo(a)pyrene

Concen: 47.286 ng

RT: 25.90 min Scan# 3848

Delta R.T. -0.00 min

Lab File: BG032582.D

Acq: 7 Feb 2018 3:41

Instrument :

BNA\_G

ClientSampled :

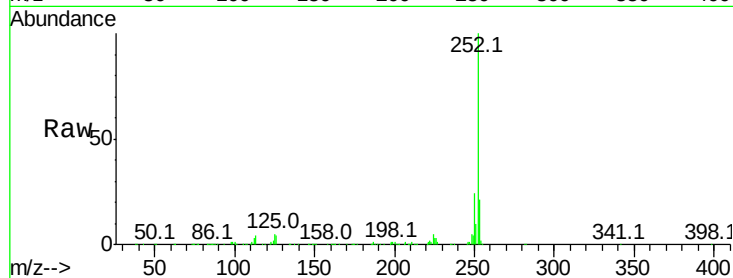
Tot Ion:252 Resp: 667356

Ion Ratio Lower Upper

252 100

253 21.4 18.3 27.5

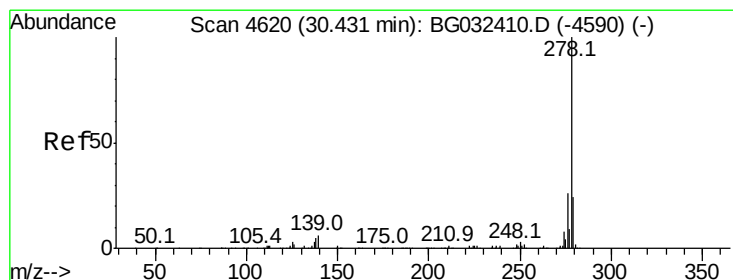
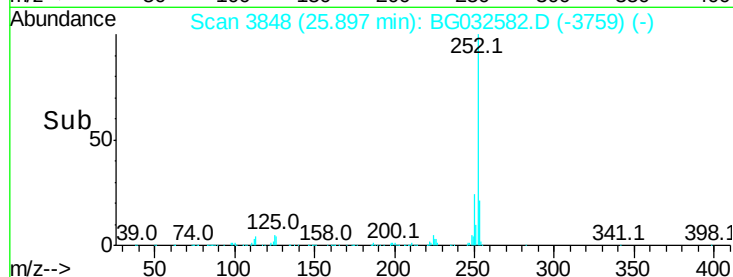
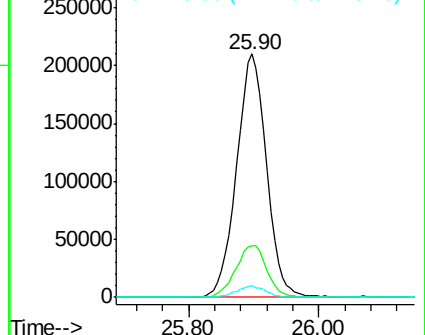
125 4.7 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 49.540 ng

RT: 30.40 min Scan# 4614

Delta R.T. 0.00 min

Lab File: BG032582.D

Acq: 7 Feb 2018 3:41

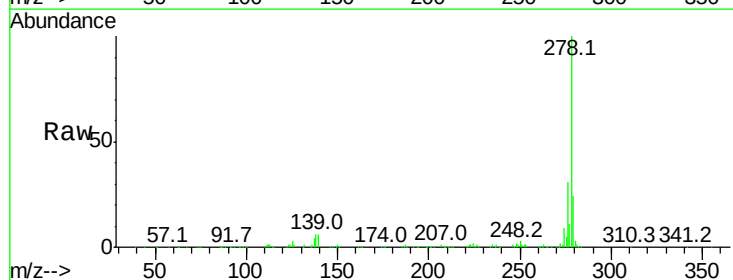
Tgt Ion:278 Resp: 715238

Ion Ratio Lower Upper

278 100

139 5.6 9.8 14.6#

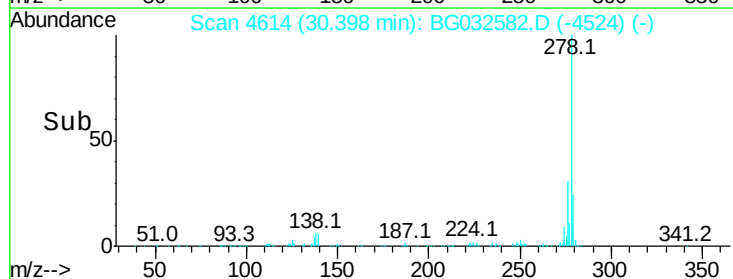
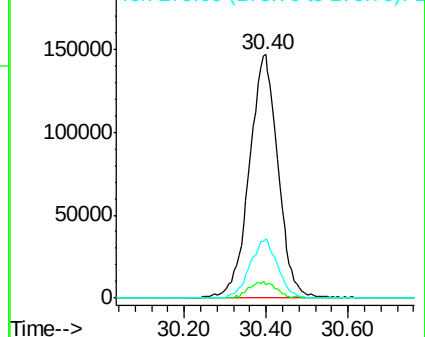
279 24.5 18.4 27.6

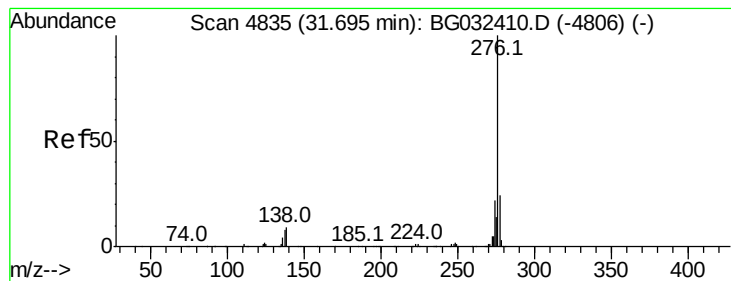


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91  
 Benzo(a,h,i)perylene  
 Concen: 47.743 ng  
 RT: 31.66 min Scan# 4829  
 Delta R.T. 0.00 min  
 Lab File: BG032582.D  
 Acq: 7 Feb 2018 3:41

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.3  | 18.3  | 27.5  |
| 138     | 10.0  | 13.9  | 20.9  |

