

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110617\  
 Data File : BG030796.D  
 Acq On : 7 Nov 2017 4:19  
 Operator : SJ/JU  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Nov 07 07:00:06 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Nov 07 06:56:14 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.15  | 152  | 71980    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.97 | 136  | 334370   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.77 | 164  | 211496   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.51 | 188  | 505239   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.78 | 240  | 528841   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.10 | 264  | 538043   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.54  | 96  | 12776  | 7.21  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.32  | 99  | 121869 | 17.64 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.47  | 67  | 69606  | 16.10 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.69  | 132 | 101886 | 20.91 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.86  | 113 | 102941 | 18.45 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.32  | 128 | 49019  | 20.42 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.04 | 143 | 56730  | 23.07 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.59 | 165 | 110082 | 19.64 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.10 | 131 | 134812 | 20.70 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.17 | 166 | 322668 | 17.85 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.47 | 160 | 422012 | 19.19 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.97 | 143 | 52383  | 15.69 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.76 | 176 | 305995 | 20.66 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.88 | 200 | 32474  | 13.17 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.61 | 188 | 460552 | 19.27 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.89 | 212 | 527199 | 19.26 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 24.87 | 264 | 496083 | 19.47 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |       | Ovalue    |
|--------------------------------|-------|-----|--------|-------|-----------|
| 2) 1,4-Dioxane                 | 3.58  | 88  | 14143  | 6.55  | ng/uL 90  |
| 4) Benzaldehyde                | 7.29  | 77  | 76288  | 17.87 | ng/ul 91  |
| 6) Phenol                      | 7.34  | 94  | 128283 | 17.95 | ng/ul# 88 |
| 8) Bis(2-Chloroethyl)ether     | 7.56  | 93  | 93526  | 17.19 | ng/ul 89  |
| 10) 2-Chlorophenol             | 7.72  | 128 | 99478  | 19.97 | ng/ul# 88 |
| 11) 2-Methylphenol             | 8.60  | 108 | 97043  | 18.16 | ng/ul 91  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.69  | 45  | 149639 | 18.76 | ng/ul 97  |
| 14) Acetophenone               | 8.97  | 105 | 148278 | 17.40 | ng/ul 94  |
| 15) N-Nitroso-di-n-propylamine | 8.96  | 70  | 77257  | 16.36 | ng/ul# 96 |
| 16) 4-Methylphenol             | 8.93  | 108 | 104275 | 17.91 | ng/ul 94  |
| 17) Hexachloroethane           | 9.24  | 117 | 34171  | 17.18 | ng/ul 90  |
| 20) Nitrobenzene               | 9.36  | 77  | 112333 | 17.16 | ng/ul# 86 |
| 21) Isophorone                 | 9.89  | 82  | 217586 | 15.74 | ng/ul 96  |
| 23) 2-Nitrophenol              | 10.08 | 139 | 58490  | 21.43 | ng/ul# 78 |
| 24) 2,4-Dimethylphenol         | 10.13 | 107 | 114436 | 17.24 | ng/ul 91  |
| 25) Bis(2-Chloroethoxy)methane | 10.36 | 93  | 133268 | 16.01 | ng/ul# 98 |
| 27) 2,4-Dichlorophenol         | 10.62 | 162 | 110216 | 20.54 | ng/ul 97  |
| 28) Naphthalene                | 11.02 | 128 | 321663 | 18.18 | ng/ul 99  |
| 30) 4-Chloroaniline            | 11.13 | 127 | 133158 | 20.90 | ng/ul 95  |
| 31) Hexachlorobutadiene        | 11.30 | 225 | 79957  | 23.85 | ng/ul 99  |
| 32) Caprolactam                | 11.87 | 113 | 36366  | 15.83 | ng/ul 89  |
| 33) 4-Chloro-3-methylphenol    | 12.24 | 107 | 110093 | 17.48 | ng/ul 93  |
| 34) 2-Methylnaphthalene        | 12.61 | 142 | 251847 | 17.20 | ng/ul 96  |

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 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Nov 07 06:56:14 2017  
 Response via : Initial Calibration

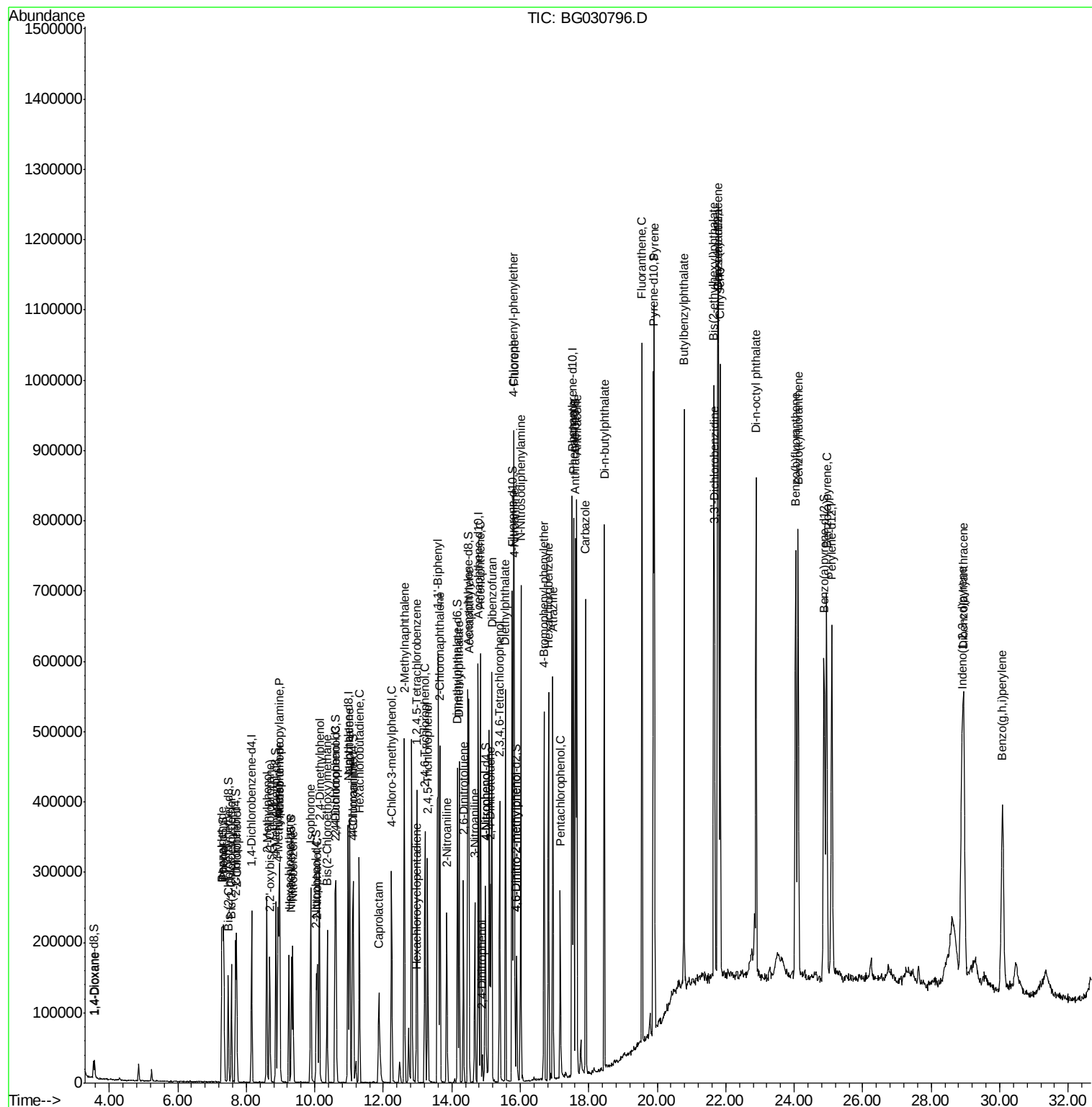
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.98 | 216  | 147458   | 23.53 | ng/ul  | 95       |
| 37) Hexachlorocyclopentadiene  | 12.95 | 237  | 6210     | 1.88  | ng/ul  | 94       |
| 38) 2,4,6-Trichlorophenol      | 13.22 | 196  | 97302    | 22.41 | ng/ul  | 96       |
| 39) 2,4,5-Trichlorophenol      | 13.29 | 196  | 101037   | 22.04 | ng/ul  | 99       |
| 40) 1,1'-Biphenyl              | 13.60 | 154  | 326292   | 18.71 | ng/ul  | 94       |
| 41) 2-Chloronaphthalene        | 13.66 | 162  | 261796   | 19.83 | ng/ul  | 95       |
| 42) 2-Nitroaniline             | 13.85 | 65   | 72658    | 17.57 | ng/ul# | 87       |
| 44) Dimethylphthalate          | 14.22 | 163  | 324766   | 18.41 | ng/ul  | 99       |
| 45) 2,6-Dinitrotoluene         | 14.34 | 165  | 68534    | 22.22 | ng/ul# | 86       |
| 47) Acenaphthylene             | 14.50 | 152  | 406798   | 18.13 | ng/ul  | 97       |
| 48) 3-Nitroaniline             | 14.67 | 138  | 73139    | 21.88 | ng/ul# | 76       |
| 49) Acenaphthene               | 14.83 | 153  | 275460   | 17.95 | ng/ul  | 99       |
| 50) 2,4-Dinitrophenol          | 14.89 | 184  | 11842    | 7.17  | ng/ul  | 85       |
| 52) 4-Nitrophenol              | 14.99 | 109  | 37709    | 14.97 | ng/ul# | 73       |
| 53) Dibenzofuran               | 15.17 | 168  | 402901   | 19.20 | ng/ul  | 92       |
| 54) 2,4-Dinitrotoluene         | 15.13 | 165  | 97489    | 21.62 | ng/ul# | 83       |
| 55) 2,3,4,6-Tetrachlorophenol  | 15.40 | 232  | 94796    | 23.51 | ng/ul# | 88       |
| 56) Diethylphthalate           | 15.57 | 149  | 325839   | 17.93 | ng/ul  | 96       |
| 58) Fluorene                   | 15.81 | 166  | 323501   | 19.33 | ng/ul  | 97       |
| 59) 4-Chlorophenyl-phenylether | 15.80 | 204  | 176896   | 22.46 | ng/ul# | 87       |
| 60) 4-Nitroaniline             | 15.83 | 138  | 79298    | 19.30 | ng/ul  | 91       |
| 63) 4,6-Dinitro-2-methylphenol | 15.90 | 198  | 33402    | 12.82 | ng/ul# | 82       |
| 64) N-Nitrosodiphenylamine     | 16.01 | 169  | 283846   | 18.84 | ng/ul  | 99       |
| 65) 4-Bromophenyl-phenylether  | 16.69 | 248  | 117568   | 23.07 | ng/ul# | 91       |
| 66) Hexachlorobenzene          | 16.82 | 284  | 128659   | 24.67 | ng/ul  | 91       |
| 67) Atrazine                   | 16.95 | 200  | 113961   | 19.91 | ng/ul  | 98       |
| 68) Pentachlorophenol          | 17.17 | 266  | 60635    | 19.52 | ng/ul  | 95       |
| 69) Phenanthrene               | 17.56 | 178  | 520584   | 19.06 | ng/ul  | 97       |
| 71) Anthracene                 | 17.65 | 178  | 543200   | 19.28 | ng/ul  | 99       |
| 72) Carbazole                  | 17.91 | 167  | 482758   | 19.06 | ng/ul  | 99       |
| 73) Di-n-butylphthalate        | 18.45 | 149  | 568996   | 18.70 | ng/ul  | 99       |
| 74) Fluoranthene               | 19.55 | 202  | 641590   | 21.02 | ng/ul  | 99       |
| 77) Pyrene                     | 19.91 | 202  | 645365   | 18.21 | ng/ul  | 97       |
| 78) Butylbenzylphthalate       | 20.78 | 149  | 254135   | 17.68 | ng/ul  | 90       |
| 79) 3,3'-Dichlorobenzidine     | 21.67 | 252  | 219811   | 22.71 | ng/ul# | 98       |
| 80) Benzo(a)anthracene         | 21.77 | 228  | 651404   | 19.65 | ng/ul  | 100      |
| 81) Bis(2-ethylhexyl)phthalate | 21.65 | 149  | 357267   | 17.15 | ng/ul# | 98       |
| 82) Chrysene                   | 21.83 | 228  | 581588   | 19.31 | ng/ul  | 98       |
| 84) Di-n-octyl phthalate       | 22.88 | 149  | 614003   | 17.06 | ng/ul  | 100      |
| 85) Benzo(b)fluoranthene       | 24.05 | 252  | 645199   | 19.97 | ng/ul  | 98       |
| 86) Benzo(k)fluoranthene       | 24.11 | 252  | 623423   | 19.96 | ng/ul  | 99       |
| 88) Benzo(a)pyrene             | 24.94 | 252  | 623985   | 19.85 | ng/ul  | 99       |
| 89) Indeno(1,2,3-cd)pyrene     | 28.89 | 276  | 725670   | 20.40 | ng/ul  | 99       |
| 90) Dibenzo(a,h)anthracene     | 28.95 | 278  | 625843   | 21.18 | ng/ul  | 97       |
| 91) Benzo(g,h,i)perylene       | 30.07 | 276  | 553720   | 18.78 | ng/ul  | 97       |

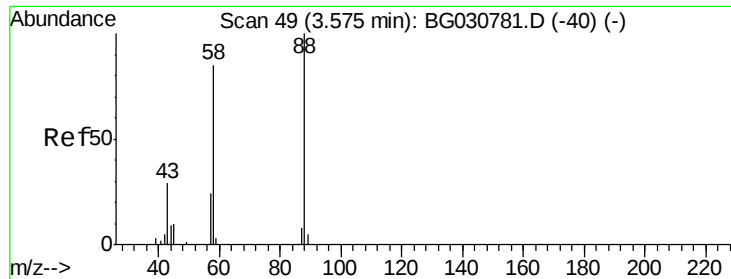
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Data Path : Z:\HPCHEM1\BNA G\DATA\BG110617\  
Data File : BG030796.D  
Acq On : 7 Nov 2017 4:19  
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Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampled :

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#2

1,4-Dioxane

Concen: 6.55 ng/uL

RT: 3.58 min Scan# 49

Delta R.T. -0.00 min

Lab File: BG030796.D

Acq: 7 Nov 2017 4:19

Instrument :

BNA\_G

ClientSampleId :

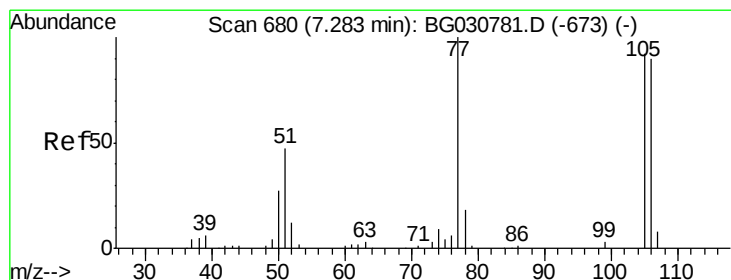
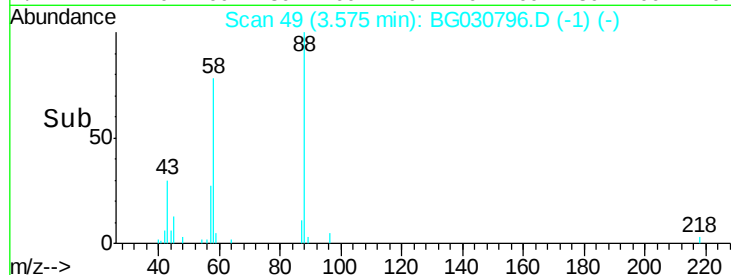
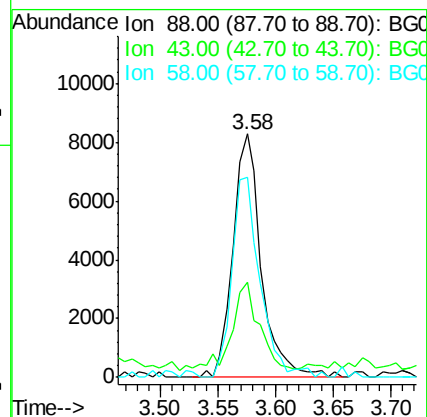
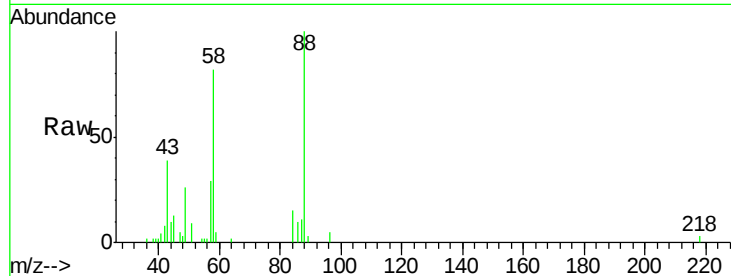
Tot Ion: 88 Resp: 14143

Ion Ratio Lower Upper

88 100

43 39.1 35.0 52.6

58 81.9 74.0 111.0



#4

Benzaldehyde

Concen: 17.87 ng/uL

RT: 7.29 min Scan# 681

Delta R.T. 0.01 min

Lab File: BG030796.D

Acq: 7 Nov 2017 4:19

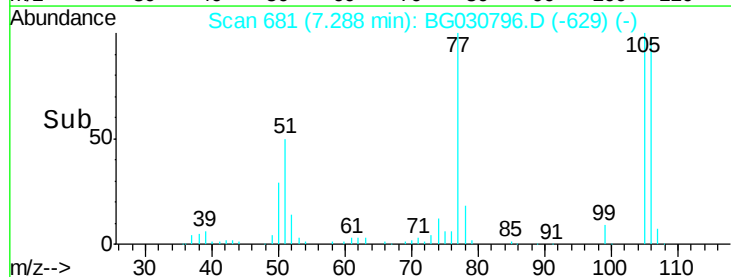
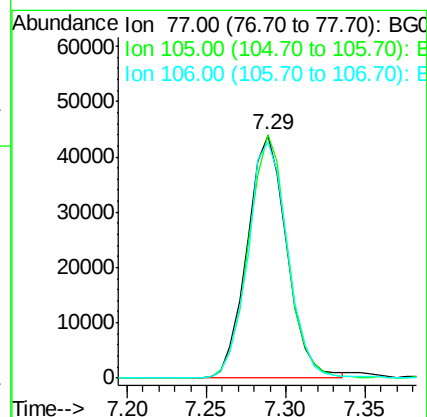
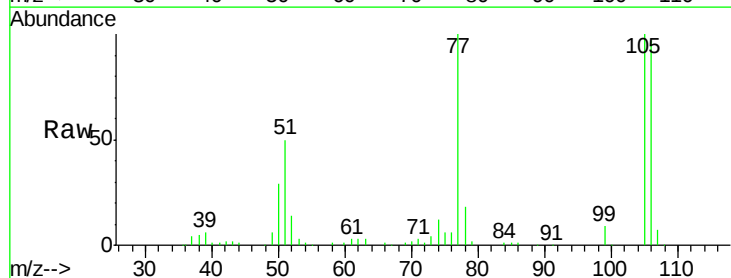
Tgt Ion: 77 Resp: 76288

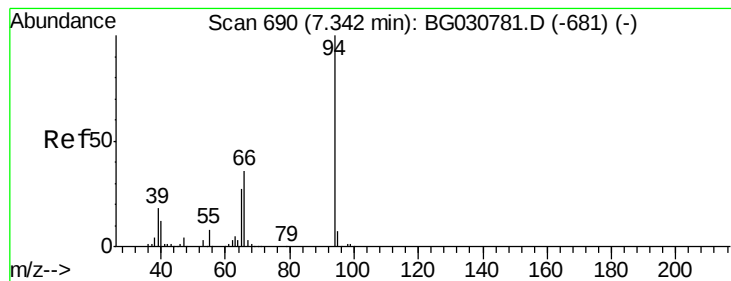
Ion Ratio Lower Upper

77 100

105 100.2 70.5 105.7

106 96.9 74.1 111.1





#6

Phenol

Concen: 17.95 ng/ul

RT: 7.34 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG030796.D

Acq: 7 Nov 2017 4:19

Instrument :

BNA\_G

ClientSampleId :

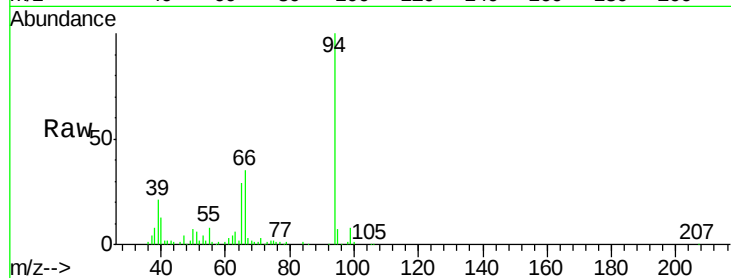
Tot Ion: 94 Resp: 128283

Ion Ratio Lower Upper

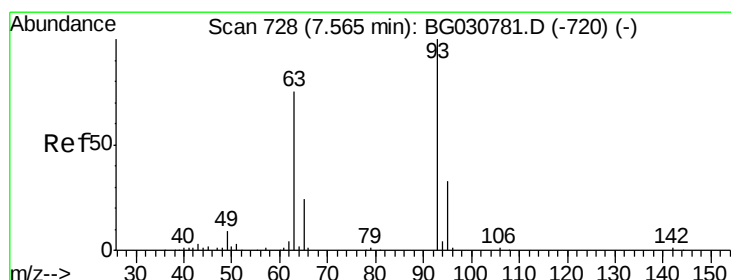
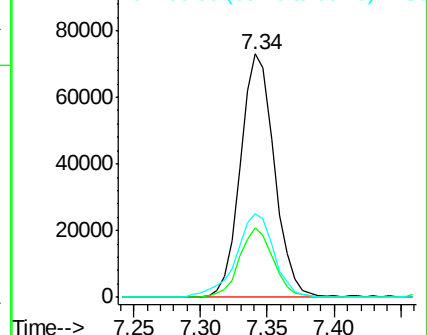
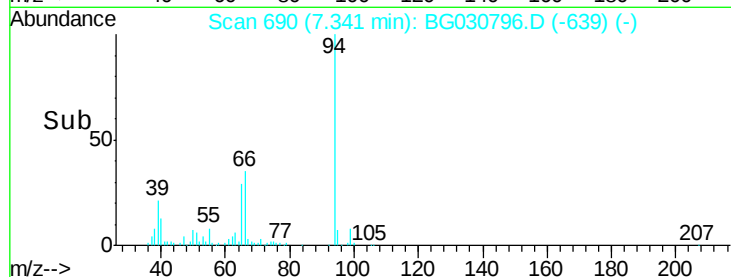
94 100

65 28.7 27.1 40.7

66 34.6 34.6 52.0#



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



#8

Bis(2-Chloroethyl)ether

Concen: 17.19 ng/ul

RT: 7.56 min Scan# 728

Delta R.T. -0.00 min

Lab File: BG030796.D

Acq: 7 Nov 2017 4:19

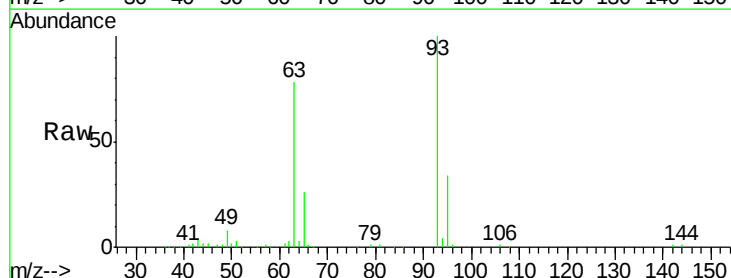
Tgt Ion: 93 Resp: 93526

Ion Ratio Lower Upper

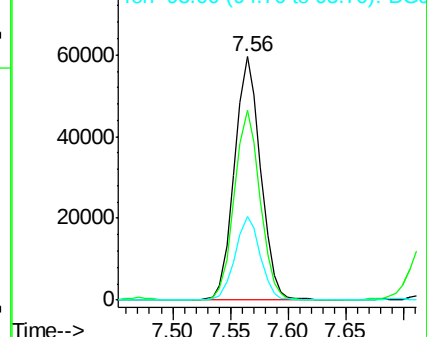
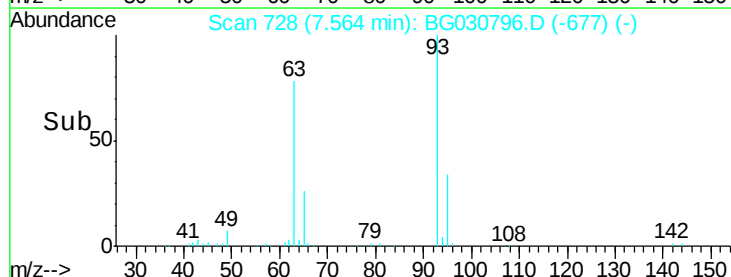
93 100

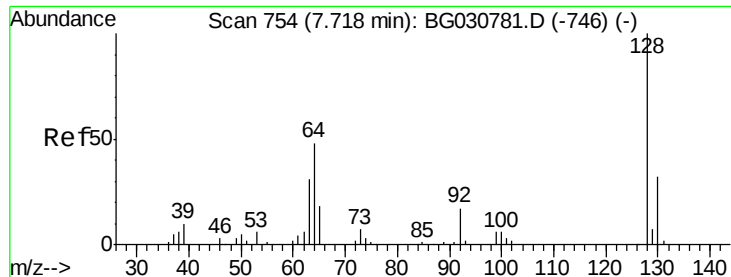
63 77.9 71.8 107.8

95 34.3 25.2 37.8



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

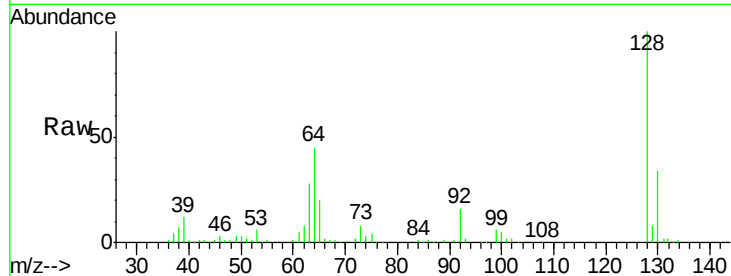




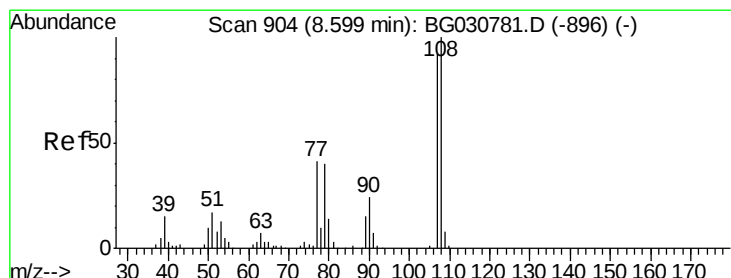
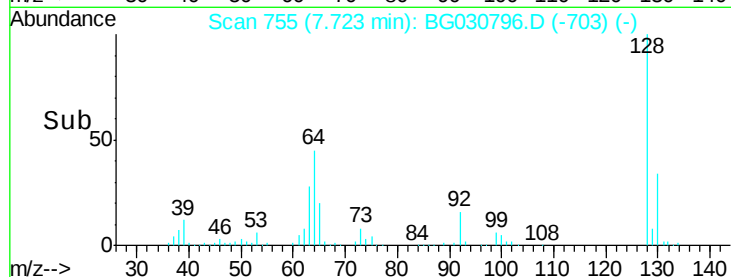
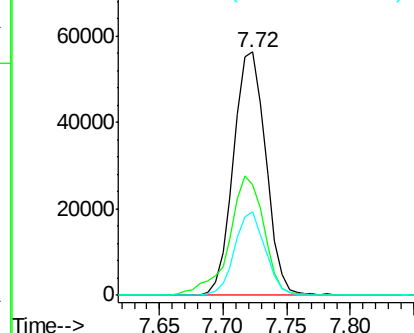
#10  
2-Chlorophenol  
Concen: 19.97 ng/ul  
RT: 7.72 min Scan# 755  
Delta R.T. 0.01 min  
Lab File: BG030796.D  
Acq: 7 Nov 2017 4:19

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:128 Resp: 99478  
Ion Ratio Lower Upper  
128 100  
64 45.3 46.6 69.8#  
130 34.3 25.8 38.8

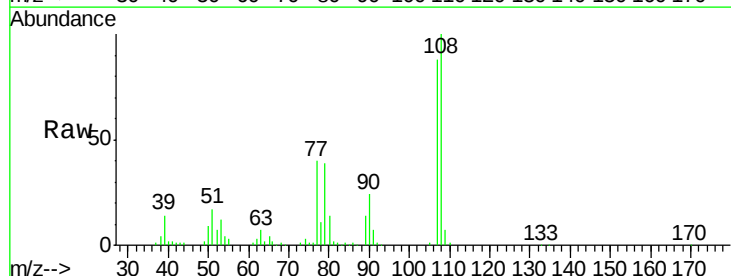


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 64.00 (63.70 to 64.70): BG  
Ion 130.00 (129.70 to 130.70): E

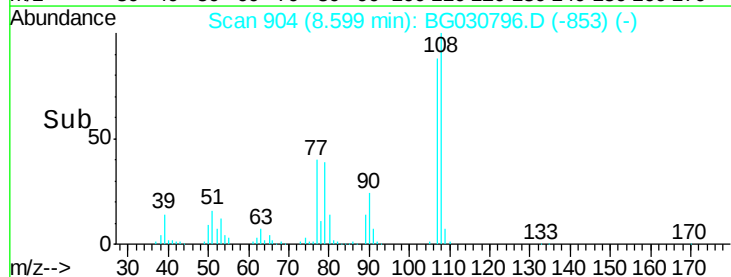
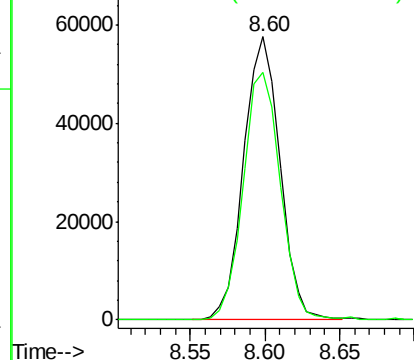


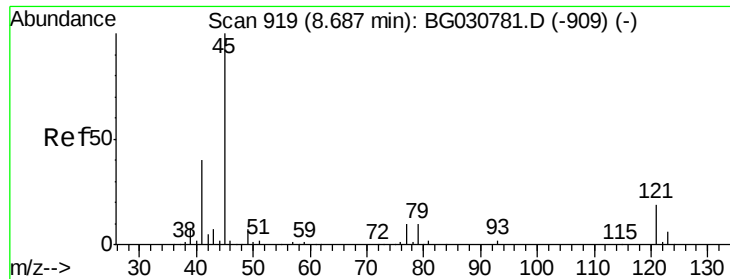
#11  
2-Methylphenol  
Concen: 18.16 ng/ul  
RT: 8.60 min Scan# 904  
Delta R.T. -0.00 min  
Lab File: BG030796.D  
Acq: 7 Nov 2017 4:19

Tgt Ion:108 Resp: 97043  
Ion Ratio Lower Upper  
108 100  
107 87.6 76.7 115.1



Abundance Ion 108.00 (107.70 to 108.70): E  
Ion 107.00 (106.70 to 107.70): E

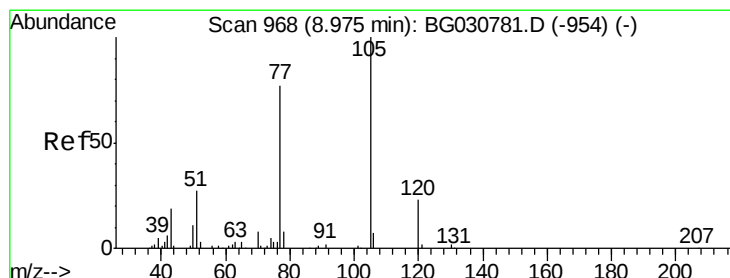
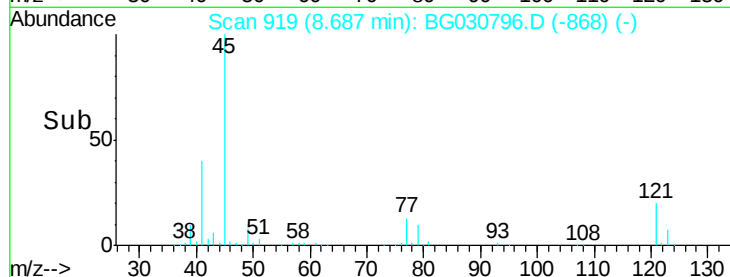
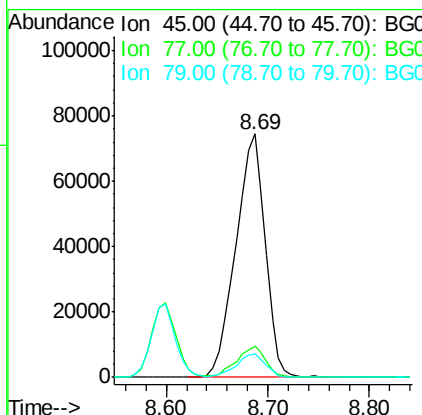
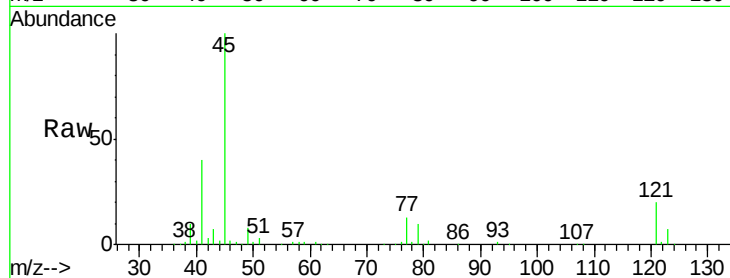




#12  
2,2'-oxvbis(1-Chloropropane)  
Concen: 18.76 ng/ul  
RT: 8.69 min Scan# 919  
Delta R.T. -0.00 min  
Lab File: BG030796.D  
Acq: 7 Nov 2017 4:19

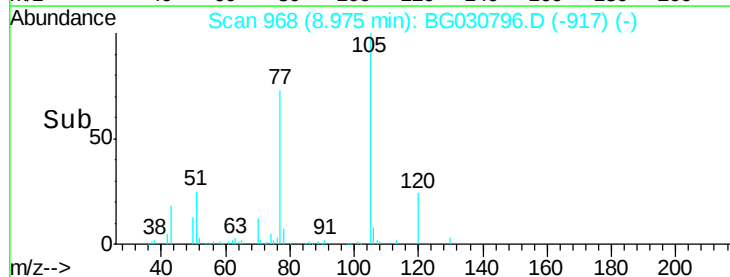
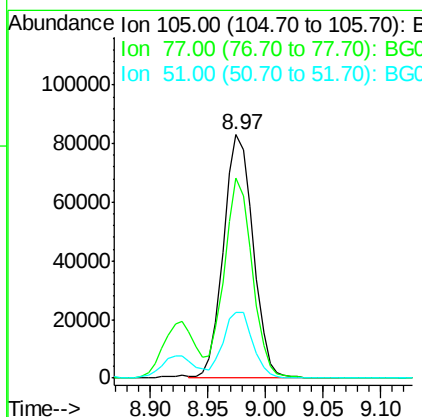
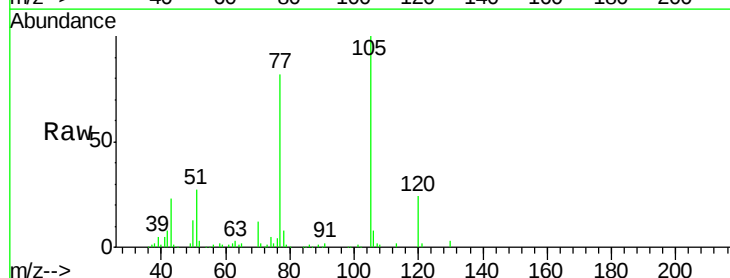
Instrument :  
BNA\_G  
ClientSampleId :

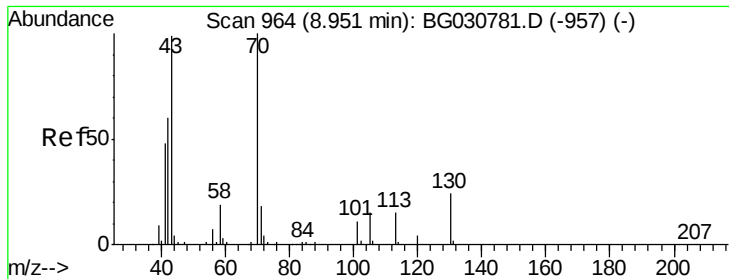
Tot Ion: 45 Resp: 149639  
Ion Ratio Lower Upper  
45 100  
77 12.8 9.5 14.3  
79 9.6 6.8 10.2



#14  
Acetophenone  
Concen: 17.40 ng/ul  
RT: 8.97 min Scan# 968  
Delta R.T. -0.00 min  
Lab File: BG030796.D  
Acq: 7 Nov 2017 4:19

Tgt Ion: 105 Resp: 148278  
Ion Ratio Lower Upper  
105 100  
77 82.0 70.2 105.2  
51 26.9 24.6 36.8





#15

N-Nitroso-di-n-propylamine

Concen: 16.36 ng/ul

RT: 8.96 min Scan# 965

Delta R.T. 0.01 min

Lab File: BG030796.D

Acq: 7 Nov 2017 4:19

Instrument :

BNA\_G

ClientSampleId :

Tot Ion: 70 Resp: 77257

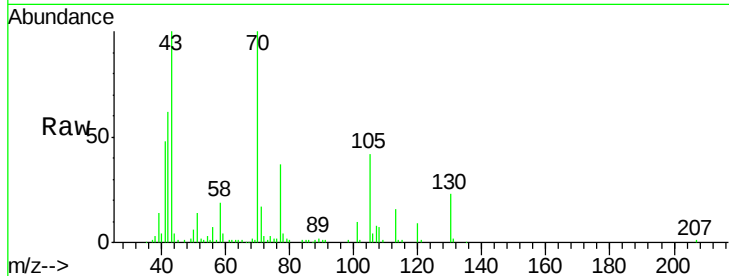
Ion Ratio Lower Upper

70 100

42 62.4 51.7 77.5

101 10.4 7.6 11.4

130 23.0 14.6 22.0#

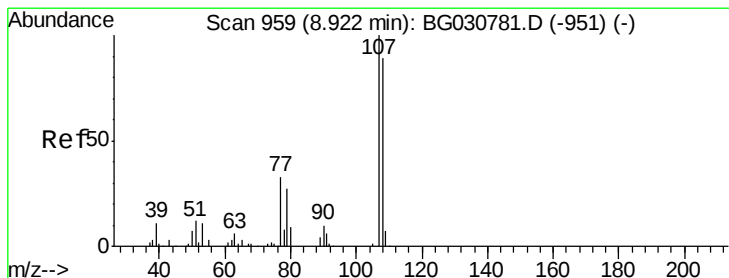
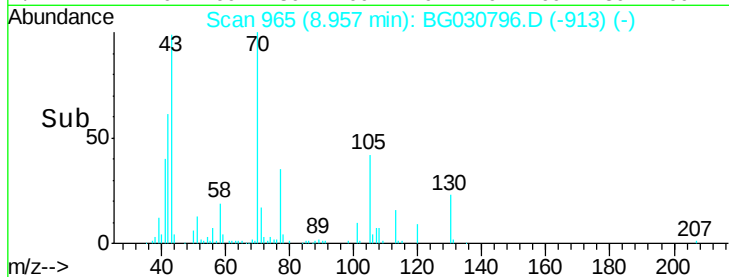
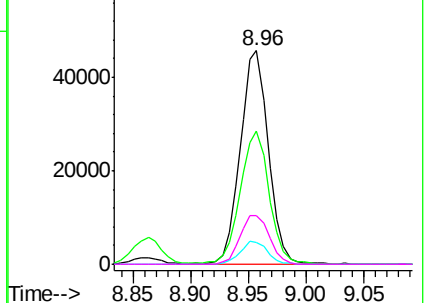


Abundance Ion 70.00 (69.70 to 70.70): BG030781.D (-957) (-)

Ion 42.00 (41.70 to 42.70): BG030781.D (-957) (-)

Ion 101.00 (100.70 to 101.70): BG030781.D (-957) (-)

Ion 130.00 (129.70 to 130.70): BG030781.D (-957) (-)



#16

4-Methylphenol

Concen: 17.91 ng/ul

RT: 8.93 min Scan# 960

Delta R.T. 0.01 min

Lab File: BG030796.D

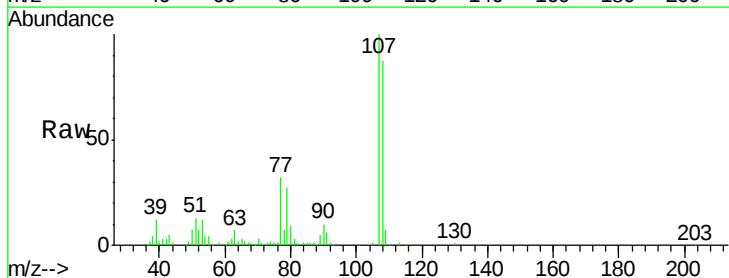
Acq: 7 Nov 2017 4:19

Tgt Ion: 108 Resp: 104275

Ion Ratio Lower Upper

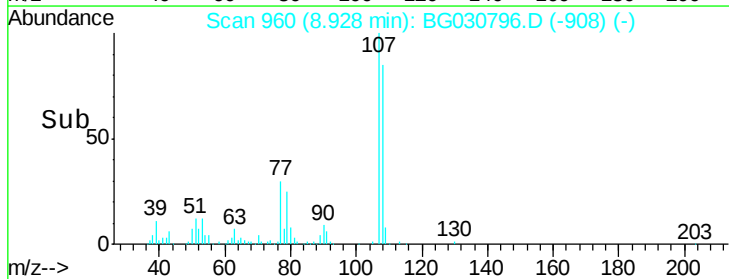
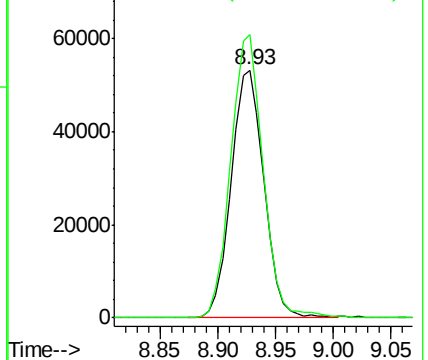
108 100

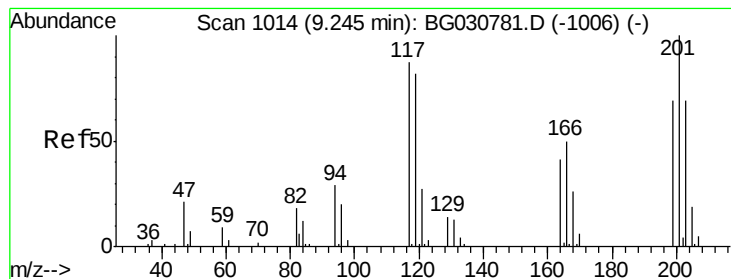
107 114.3 86.5 129.7



Abundance Ion 108.00 (107.70 to 108.70): BG030781.D (-951) (-)

Ion 107.00 (106.70 to 107.70): BG030781.D (-951) (-)





#17

Hexachloroethane

Concen: 17.18 ng/ul

RT: 9.24 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BG030796.D

Acq: 7 Nov 2017 4:19

Instrument :

BNA\_G

ClientSampleId :

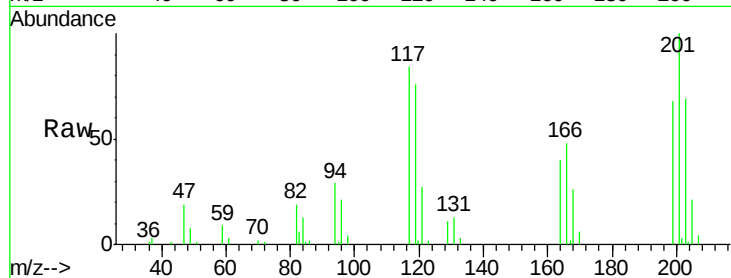
Tot Ion:117 Resp: 34171

Ion Ratio Lower Upper

117 100

201 118.9 88.1 132.1

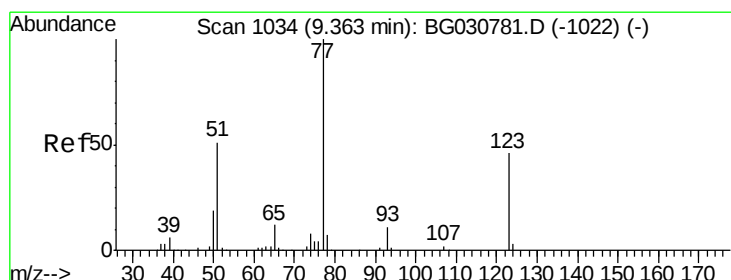
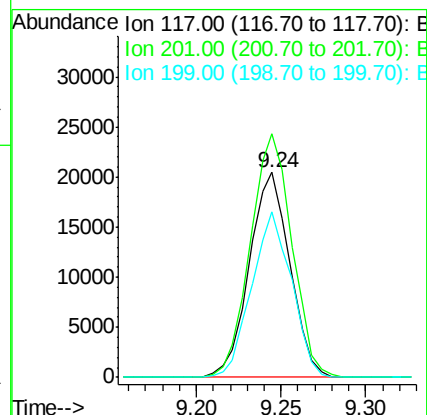
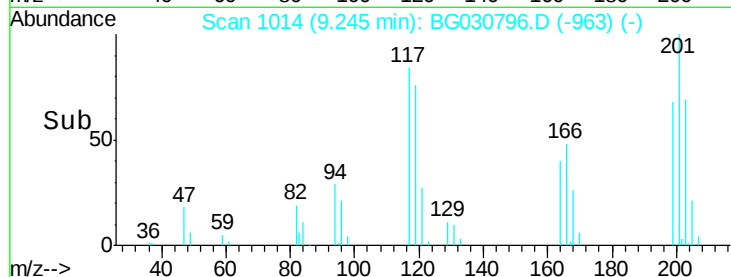
199 80.8 55.8 83.6



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 17.16 ng/ul

RT: 9.36 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BG030796.D

Acq: 7 Nov 2017 4:19

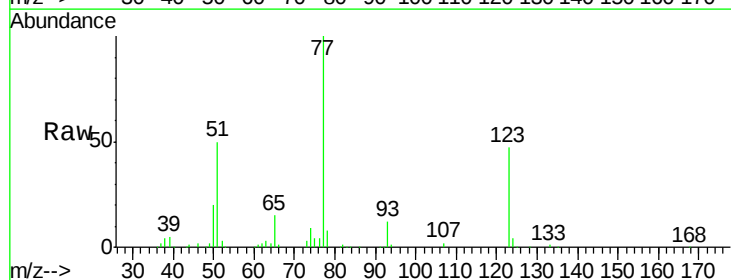
Tgt Ion: 77 Resp: 112333

Ion Ratio Lower Upper

77 100

123 47.1 28.6 43.0#

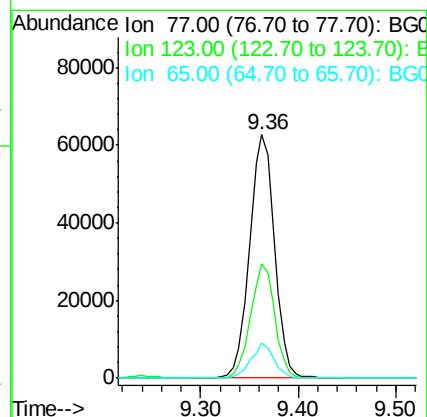
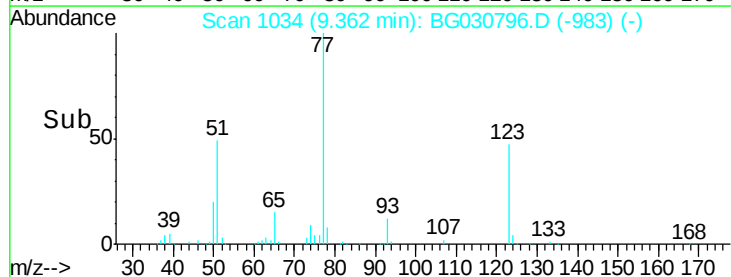
65 14.6 11.2 16.8

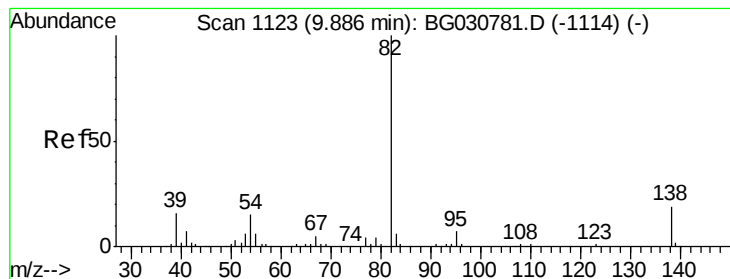


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BGC





#21

Isophorone

Concen: 15.74 ng/ul

RT: 9.89 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BG030796.D

Acq: 7 Nov 2017 4:19

Instrument :

BNA\_G

ClientSampleId :

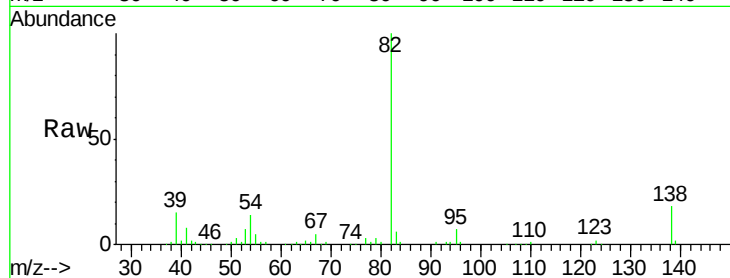
Tot Ion: 82 Resp: 217586

Ion Ratio Lower Upper

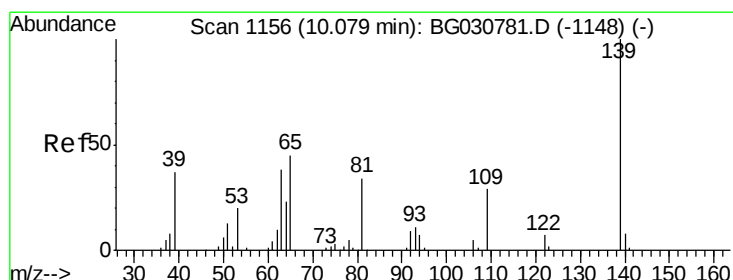
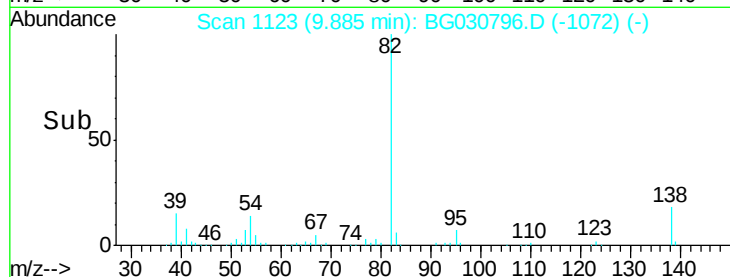
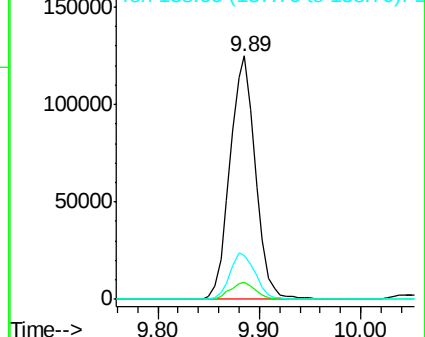
82 100

95 6.8 6.5 9.7

138 18.3 13.3 19.9



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



#23

2-Nitrophenol

Concen: 21.43 ng/ul

RT: 10.08 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BG030796.D

Acq: 7 Nov 2017 4:19

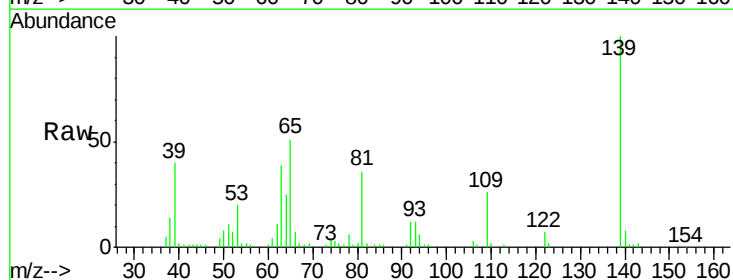
Tgt Ion: 139 Resp: 58490

Ion Ratio Lower Upper

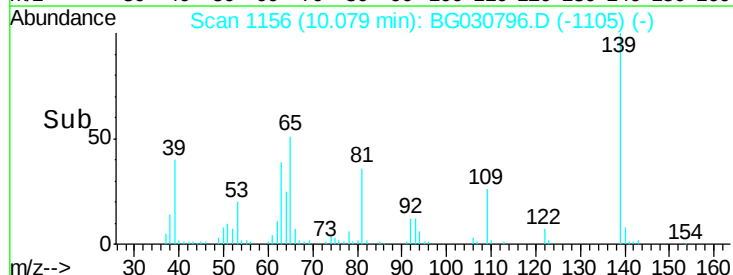
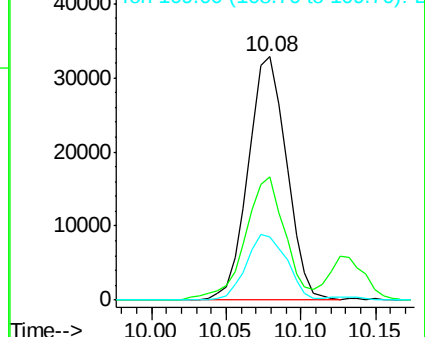
139 100

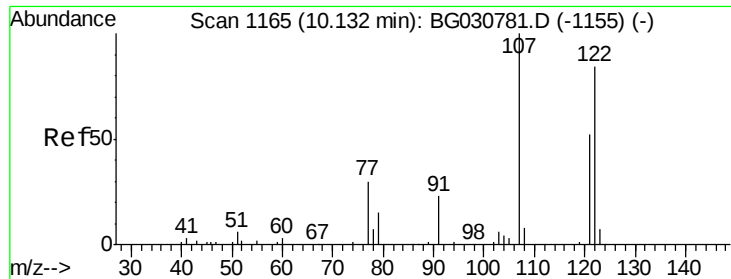
65 50.9 55.0 82.6#

109 25.8 31.2 46.8#



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

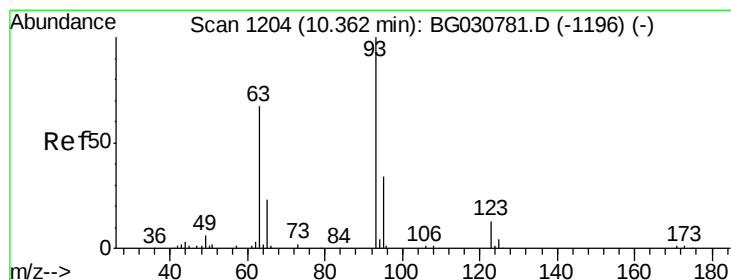
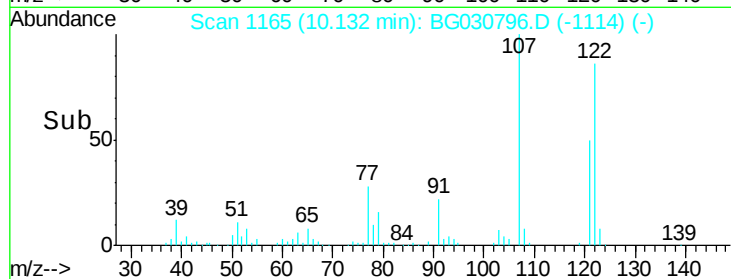
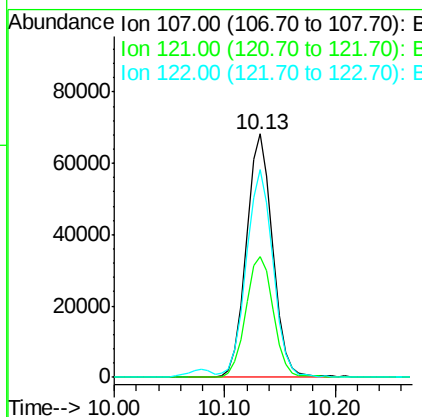
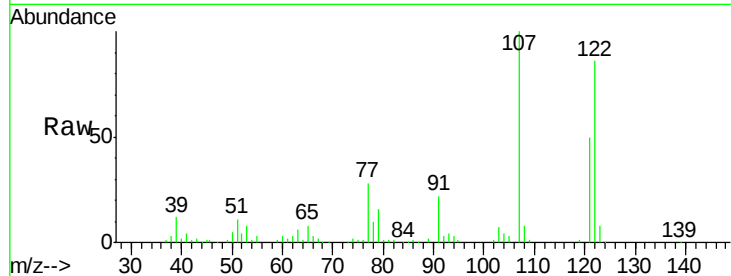




#24  
 2,4-Dimethylphenol  
 Concen: 17.24 ng/ul  
 RT: 10.13 min Scan# 1165  
 Delta R.T. -0.00 min  
 Lab File: BG030796.D  
 Acq: 7 Nov 2017 4:19

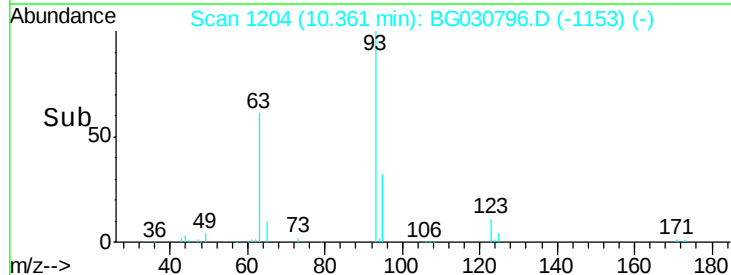
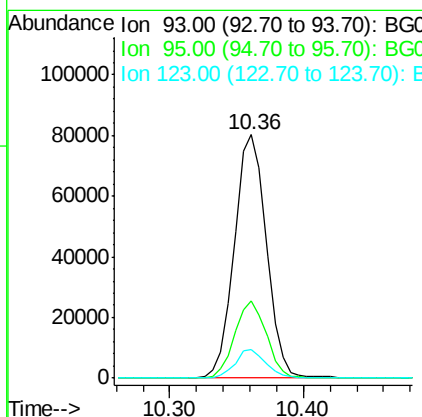
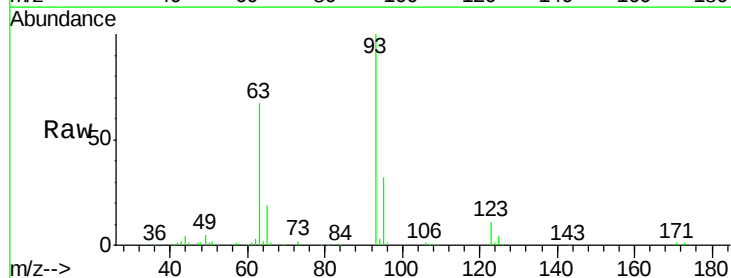
Instrument :  
 BNA\_G  
 ClientSampleId :

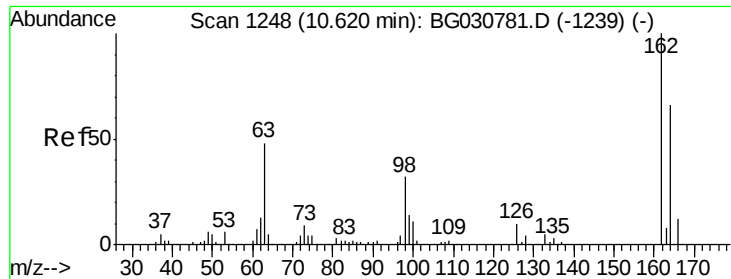
Tot Ion:107 Resp: 114436  
 Ion Ratio Lower Upper  
 107 100  
 121 49.7 33.8 50.6  
 122 85.5 62.8 94.2



#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 16.01 ng/ul  
 RT: 10.36 min Scan# 1204  
 Delta R.T. -0.00 min  
 Lab File: BG030796.D  
 Acq: 7 Nov 2017 4:19

Tgt Ion: 93 Resp: 133268  
 Ion Ratio Lower Upper  
 93 100  
 95 31.7 24.7 37.1  
 123 11.5 7.5 11.3#

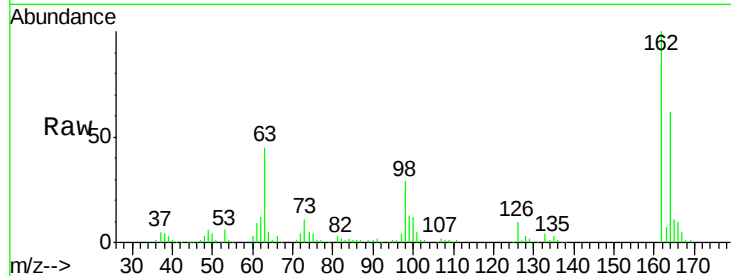




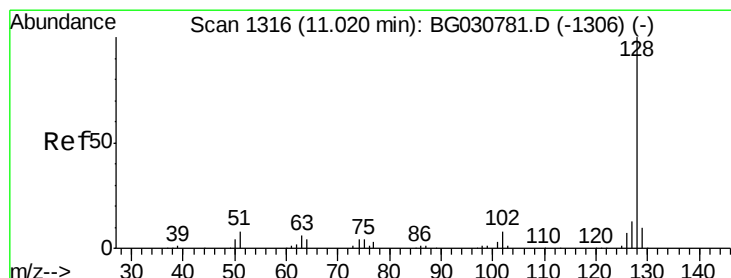
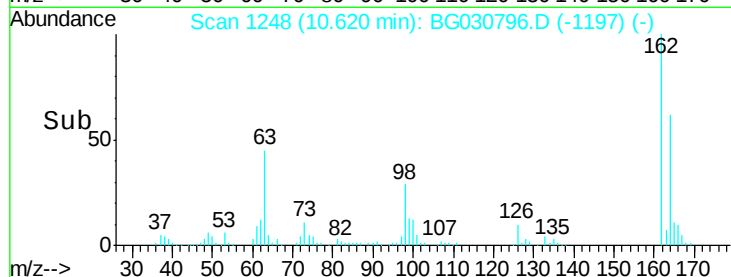
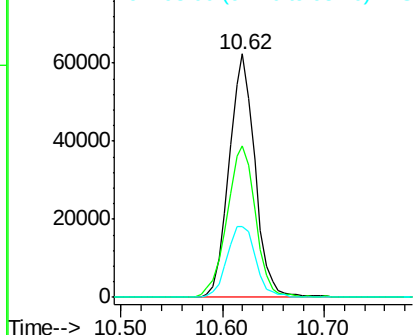
#27  
 2,4-Dichlorophenol  
 Concen: 20.54 ng/ul  
 RT: 10.62 min Scan# 1248  
 Delta R.T. -0.00 min  
 Lab File: BG030796.D  
 Acq: 7 Nov 2017 4:19

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:162 Resp: 110216  
 Ion Ratio Lower Upper  
 162 100  
 164 62.0 49.7 74.5  
 98 29.0 26.6 40.0

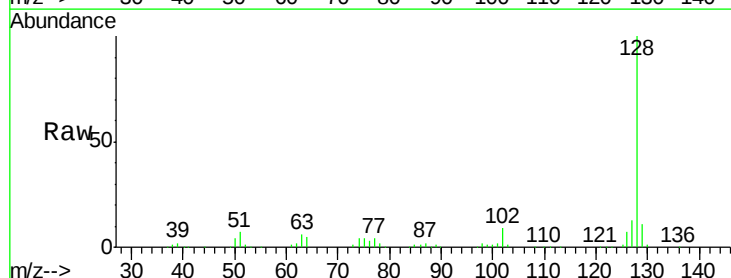


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): B

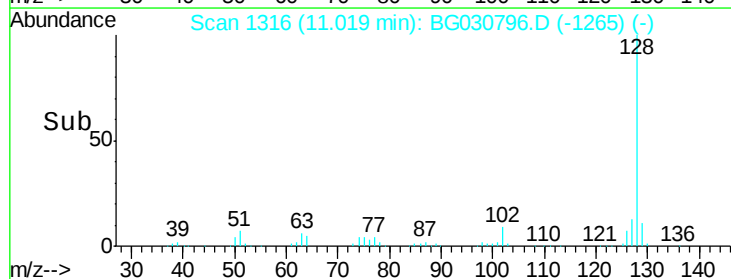
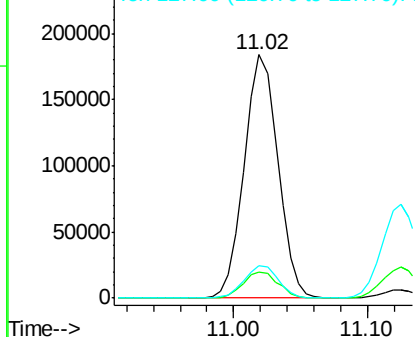


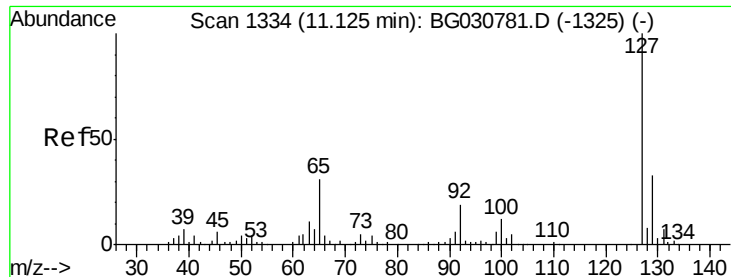
#28  
 Naphthalene  
 Concen: 18.18 ng/ul  
 RT: 11.02 min Scan# 1316  
 Delta R.T. -0.00 min  
 Lab File: BG030796.D  
 Acq: 7 Nov 2017 4:19

Tgt Ion:128 Resp: 321663  
 Ion Ratio Lower Upper  
 128 100  
 129 10.9 9.3 13.9  
 127 13.4 10.7 16.1



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

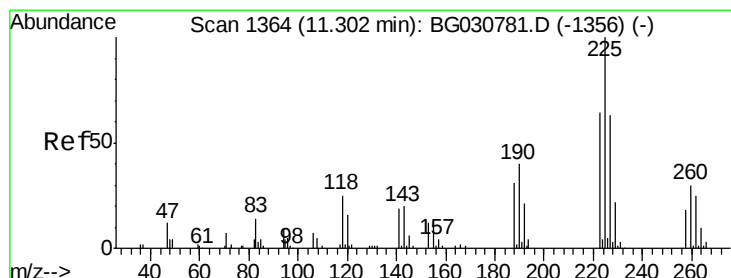
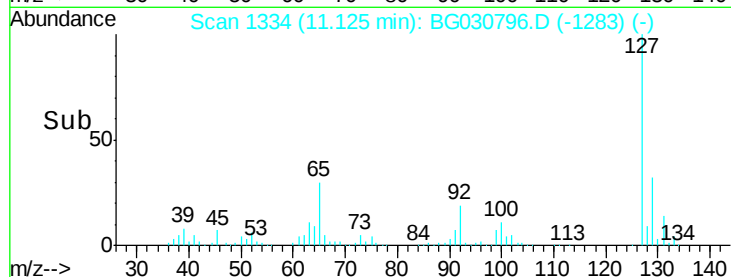
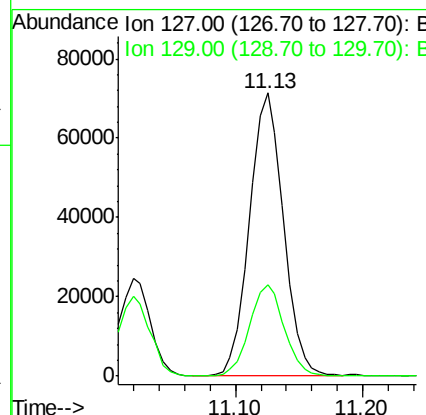
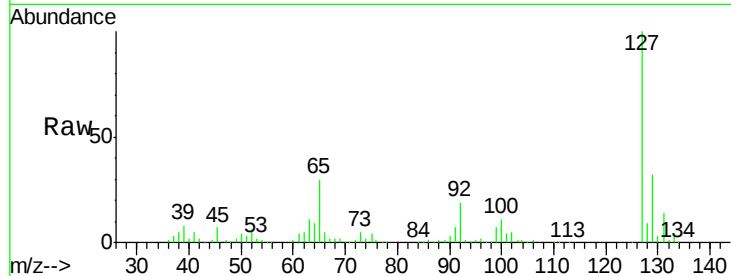




#30  
4-Chloroaniline  
Concen: 20.90 ng/ul  
RT: 11.13 min Scan# 1334  
Delta R.T. -0.00 min  
Lab File: BG030796.D  
Acq: 7 Nov 2017 4:19

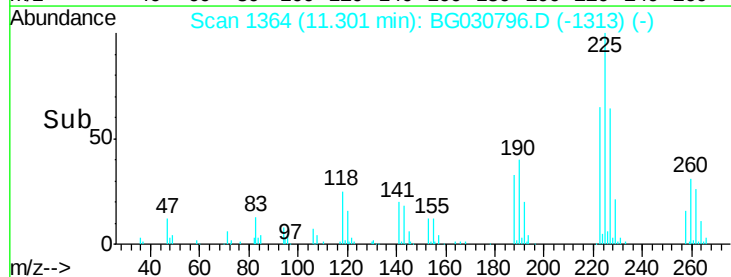
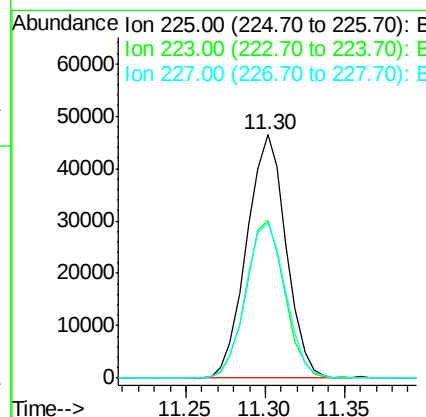
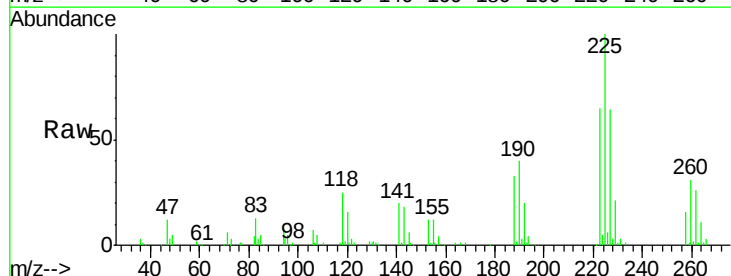
Instrument :  
BNA\_G  
ClientSampleId :

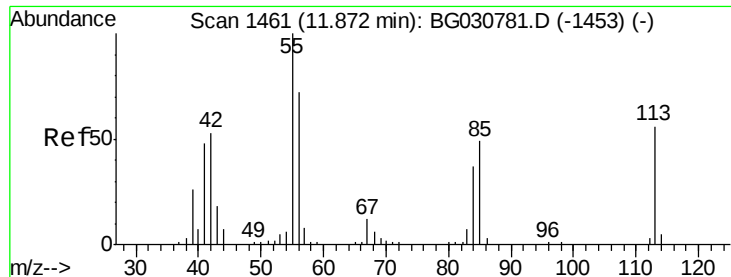
Tot Ion:127 Resp: 133158  
Ion Ratio Lower Upper  
127 100  
129 32.5 23.9 35.9



#31  
Hexachlorobutadiene  
Concen: 23.85 ng/ul  
RT: 11.30 min Scan# 1364  
Delta R.T. -0.00 min  
Lab File: BG030796.D  
Acq: 7 Nov 2017 4:19

Tgt Ion:225 Resp: 79957  
Ion Ratio Lower Upper  
225 100  
223 65.0 52.1 78.1  
227 63.9 51.8 77.6





#32

Caprolactam

Concen: 15.83 ng/ul

RT: 11.87 min Scan# 1461

Delta R.T. -0.00 min

Lab File: BG030796.D

Acq: 7 Nov 2017 4:19

Instrument :

BNA\_G

ClientSampleId :

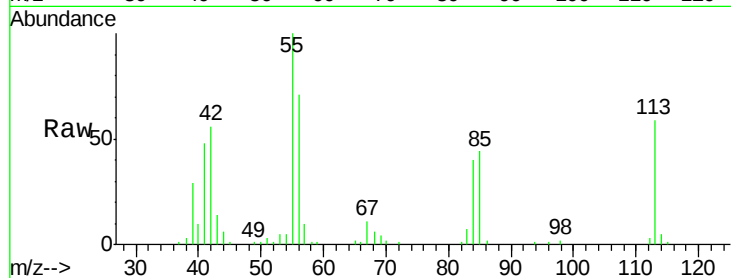
Tot Ion:113 Resp: 36366

Ion Ratio Lower Upper

113 100

55 168.7 146.5 219.7

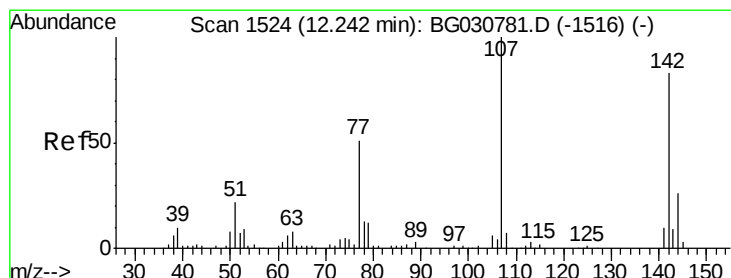
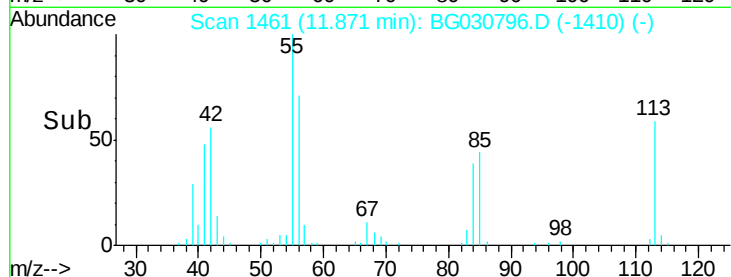
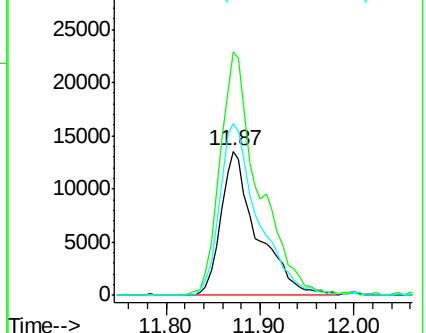
56 119.3 107.6 161.4



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



#33

4-Chloro-3-methylphenol

Concen: 17.48 ng/ul

RT: 12.24 min Scan# 1524

Delta R.T. -0.00 min

Lab File: BG030796.D

Acq: 7 Nov 2017 4:19

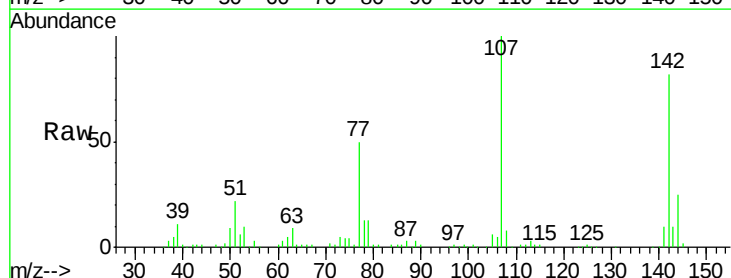
Tgt Ion:107 Resp: 110093

Ion Ratio Lower Upper

107 100

144 25.4 18.0 27.0

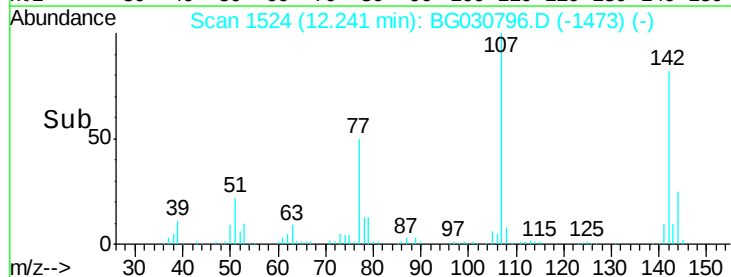
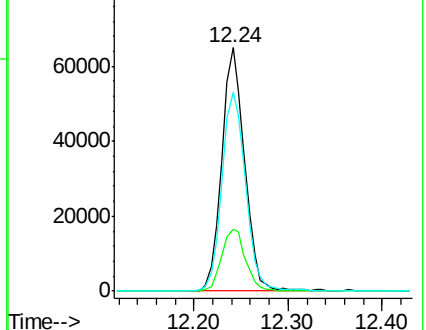
142 81.6 60.5 90.7

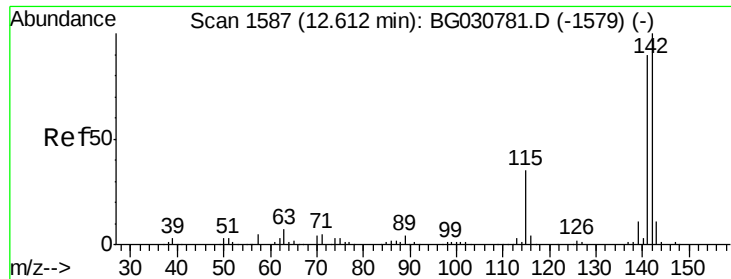


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 17.20 ng/ul

RT: 12.61 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BG030796.D

Acq: 7 Nov 2017 4:19

Instrument :

BNA\_G

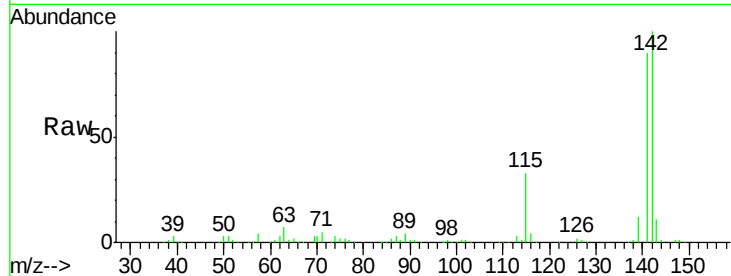
ClientSampleId :

Tot Ion:142 Resp: 251847

Ion Ratio Lower Upper

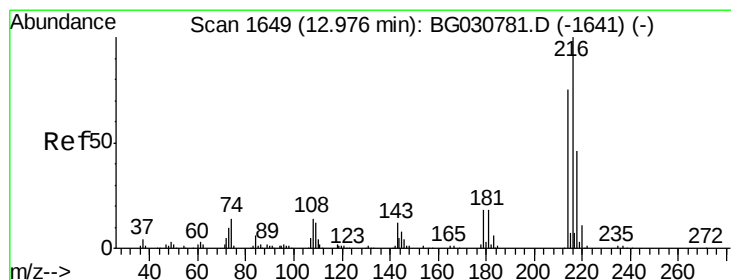
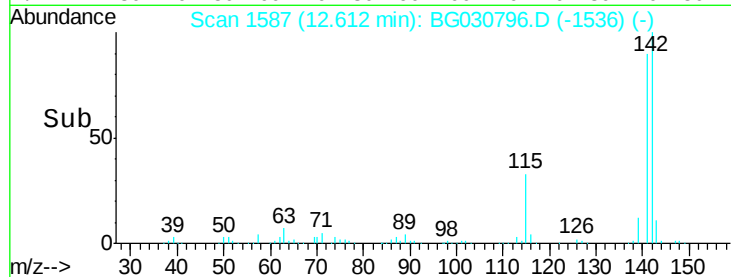
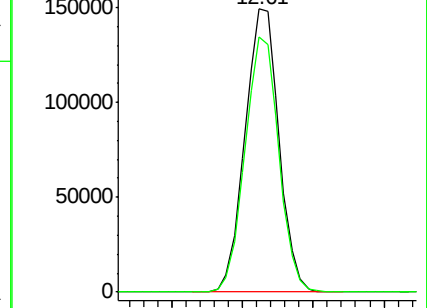
142 100

141 90.3 75.4 113.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#36

1,2,4,5-Tetrachlorobenzene

Concen: 23.53 ng/ul

RT: 12.98 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BG030796.D

Acq: 7 Nov 2017 4:19

Tgt Ion:216 Resp: 147458

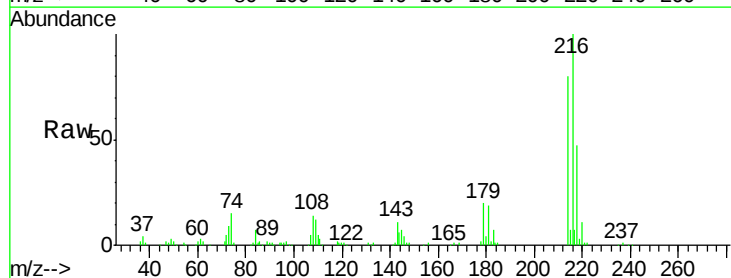
Ion Ratio Lower Upper

216 100

214 79.6 66.7 100.1

179 20.3 19.4 29.2

108 14.0 12.5 18.7

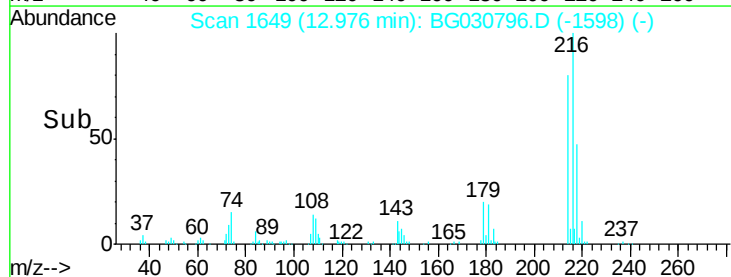
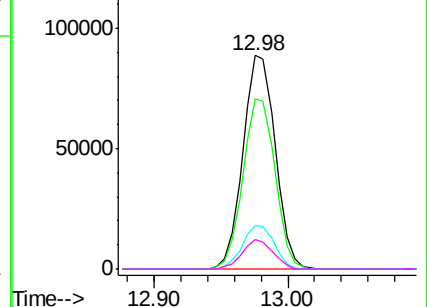


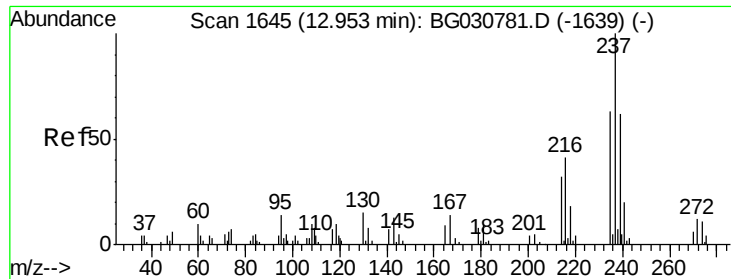
Abundance Ion 216.00 (215.70 to 216.70): E

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





#37

Hexachlorocyclopentadiene

Concen: 1.88 ng/ul

RT: 12.95 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BG030796.D

Acq: 7 Nov 2017 4:19

Instrument :

BNA\_G

ClientSampleId :

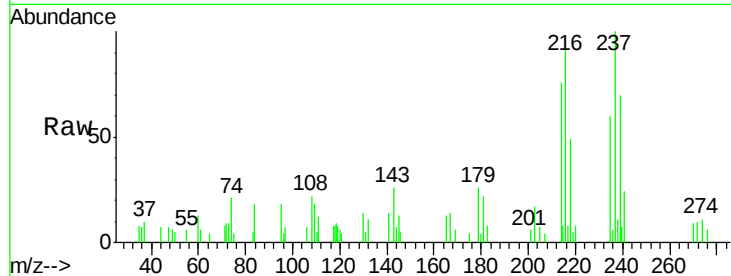
Tot Ion:237 Resp: 6210

Ion Ratio Lower Upper

237 100

235 60.1 51.9 77.9

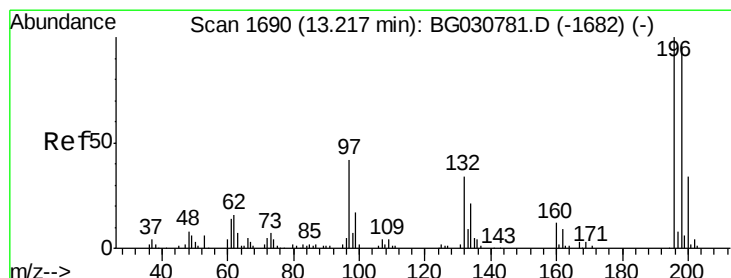
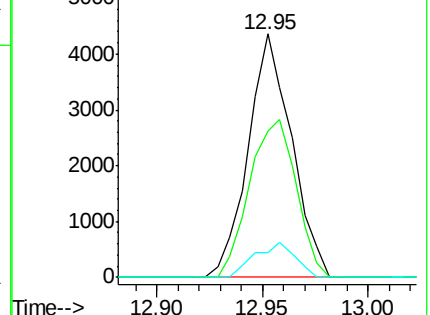
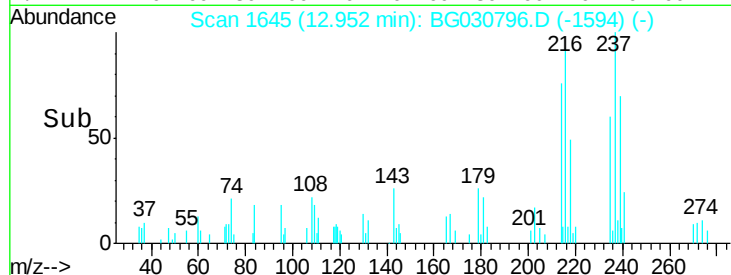
272 10.4 9.8 14.6



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 22.41 ng/ul

RT: 13.22 min Scan# 1690

Delta R.T. -0.00 min

Lab File: BG030796.D

Acq: 7 Nov 2017 4:19

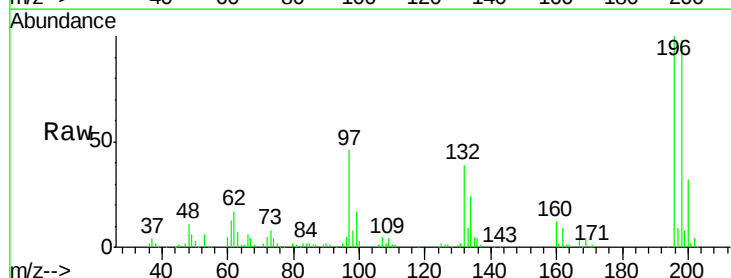
Tgt Ion:196 Resp: 97302

Ion Ratio Lower Upper

196 100

198 98.2 75.2 112.8

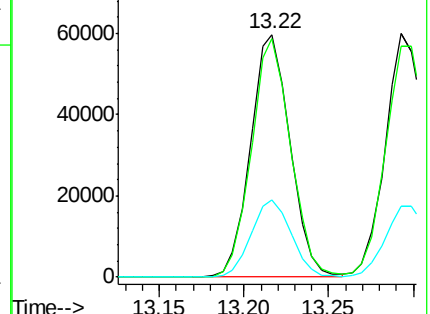
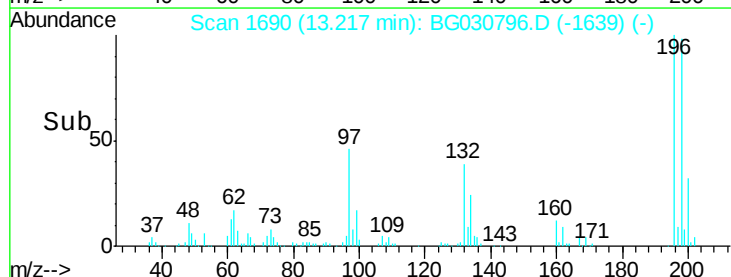
200 31.6 26.2 39.4

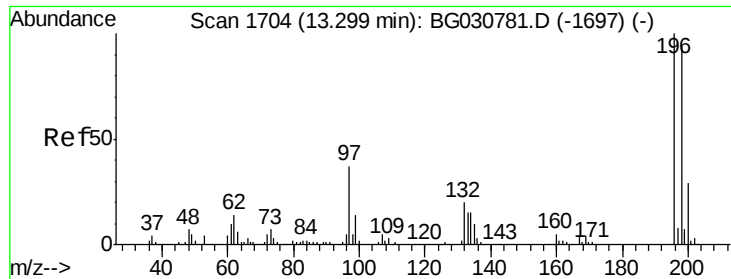


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

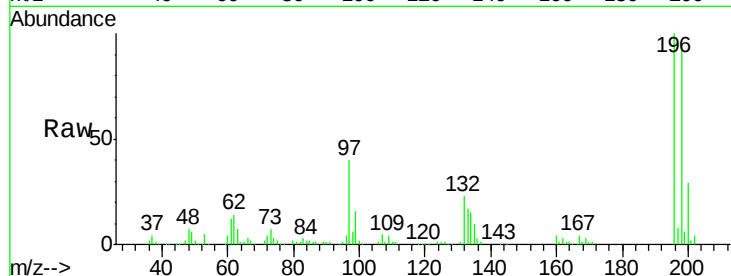




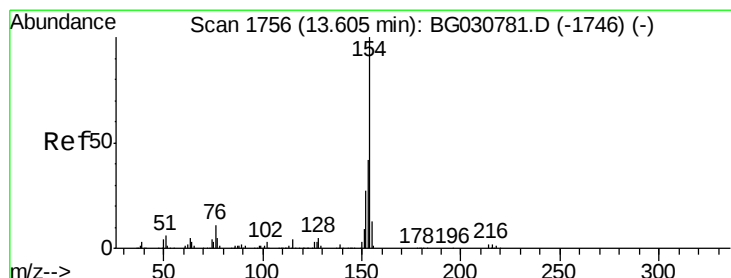
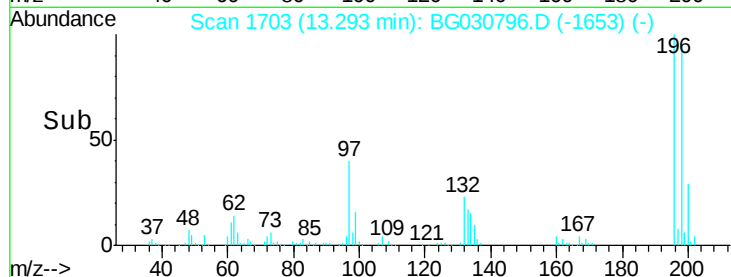
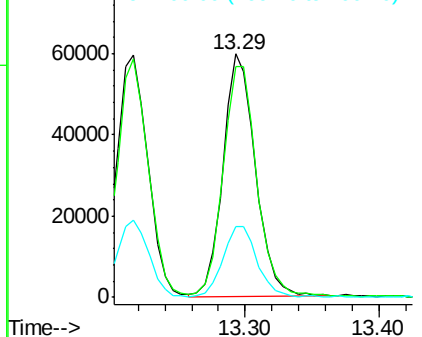
#39  
 2,4,5-Trichlorophenol  
 Concen: 22.04 ng/ul  
 RT: 13.29 min Scan# 1703  
 Delta R.T. -0.01 min  
 Lab File: BG030796.D  
 Acq: 7 Nov 2017 4:19

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 94.9  | 75.8  | 113.6 |
| 200     | 29.2  | 24.1  | 36.1  |

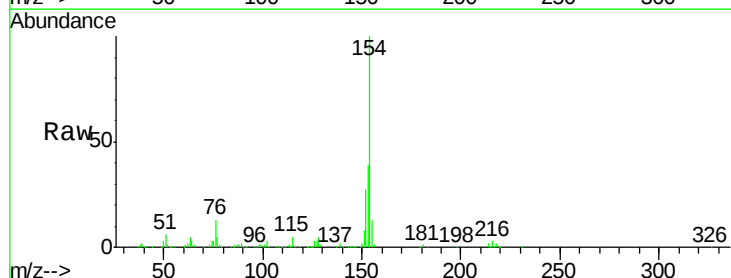


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

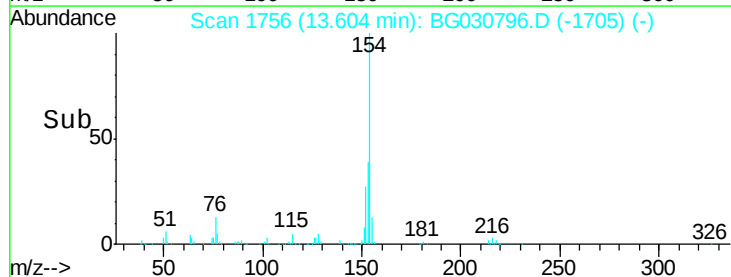
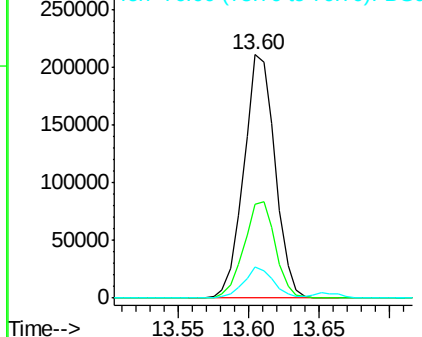


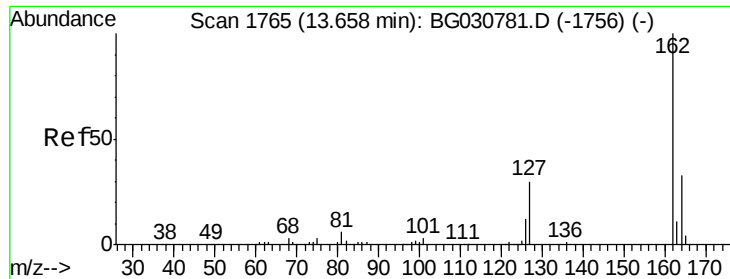
#40  
 1,1'-Biphenyl  
 Concen: 18.71 ng/ul  
 RT: 13.60 min Scan# 1756  
 Delta R.T. -0.00 min  
 Lab File: BG030796.D  
 Acq: 7 Nov 2017 4:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 38.8  | 34.6  | 52.0  |
| 76      | 12.8  | 10.6  | 15.8  |



Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BG

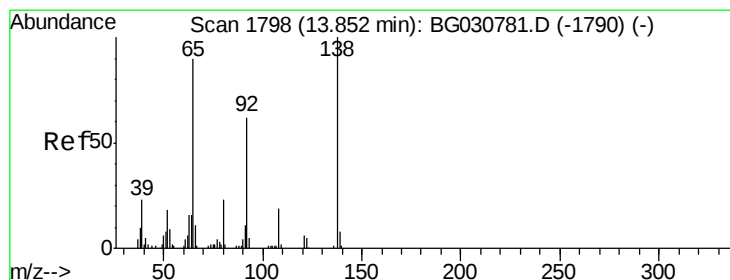
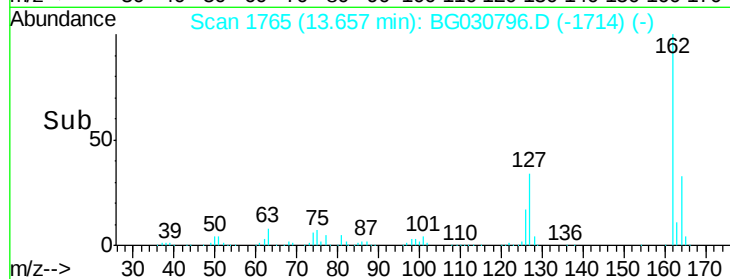
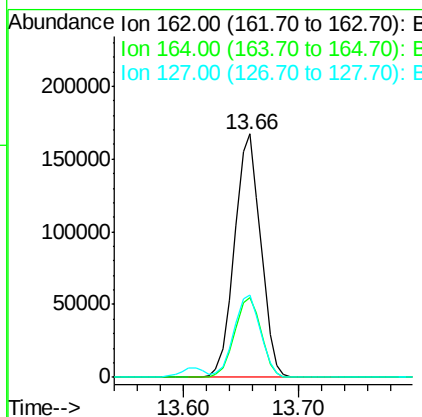
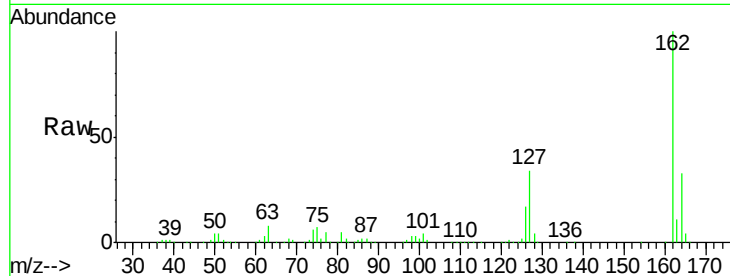




#41  
 2-Chloronaphthalene  
 Concen: 19.83 ng/ul  
 RT: 13.66 min Scan# 1765  
 Delta R.T. -0.00 min  
 Lab File: BG030796.D  
 Acq: 7 Nov 2017 4:19

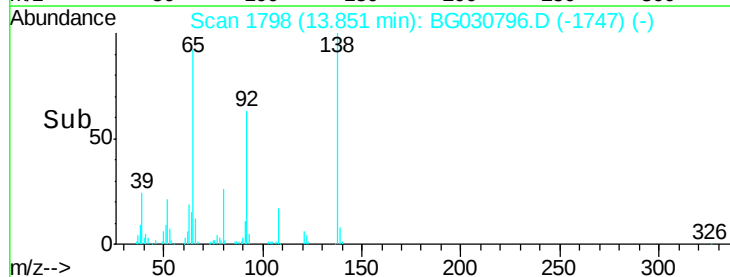
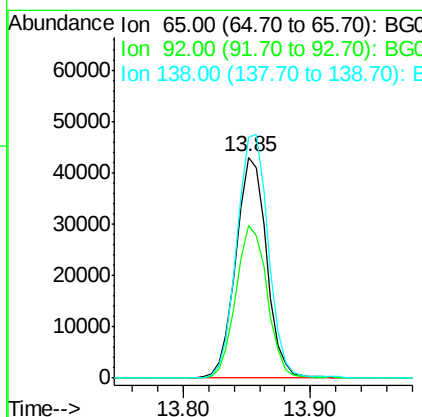
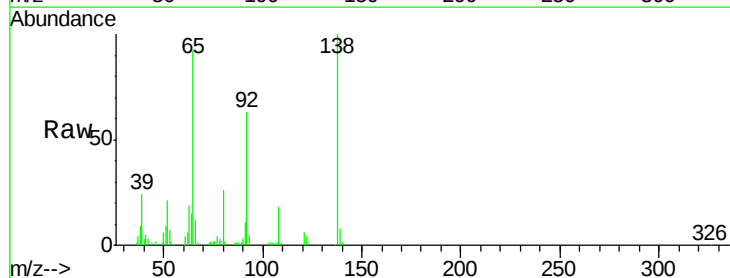
Instrument :  
 BNA\_G  
 ClientSampleId :

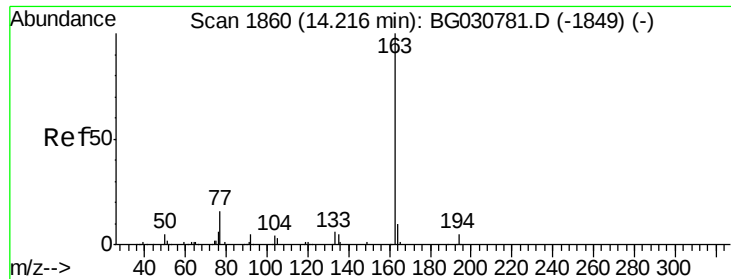
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 32.7  | 25.0  | 37.6  |
| 127     | 33.6  | 30.6  | 46.0  |



#42  
 2-Nitroaniline  
 Concen: 17.57 ng/ul  
 RT: 13.85 min Scan# 1798  
 Delta R.T. -0.00 min  
 Lab File: BG030796.D  
 Acq: 7 Nov 2017 4:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 69.0  | 55.3  | 82.9  |
| 138     | 108.7 | 70.3  | 105.5 |

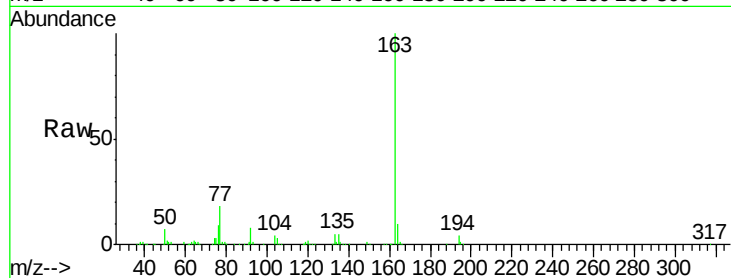




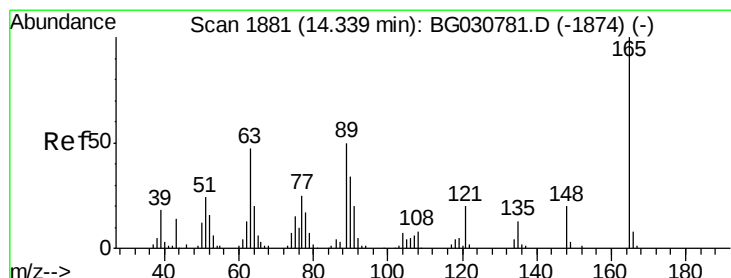
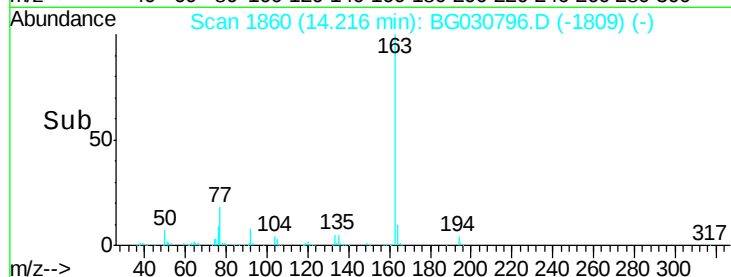
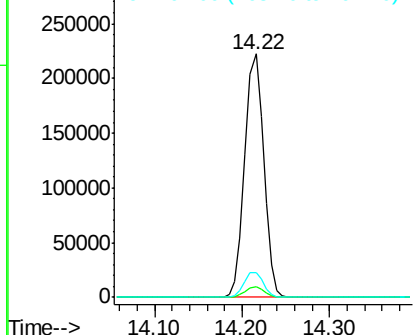
#44  
Dimethylphthalate  
Concen: 18.41 ng/ul  
RT: 14.22 min Scan# 1860  
Delta R.T. -0.00 min  
Lab File: BG030796.D  
Acq: 7 Nov 2017 4:19

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:163 Resp: 324766  
Ion Ratio Lower Upper  
163 100  
194 4.4 3.5 5.3  
164 10.2 7.6 11.4

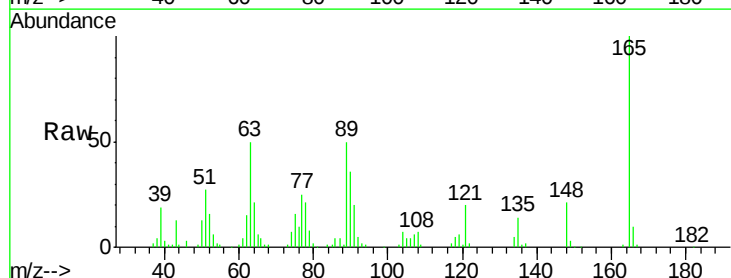


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

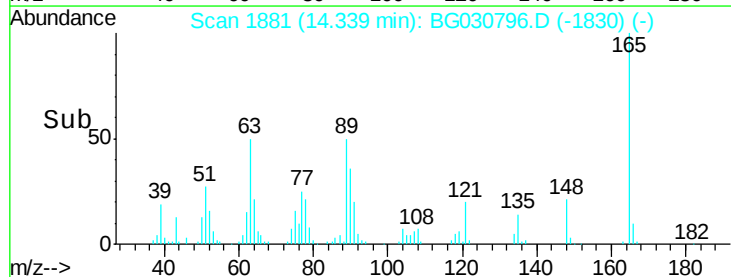
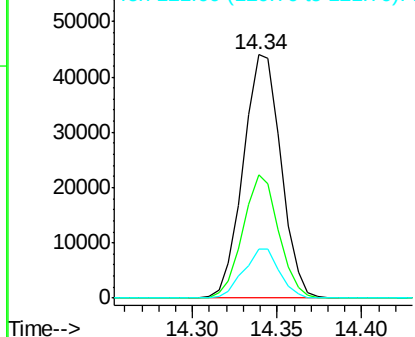


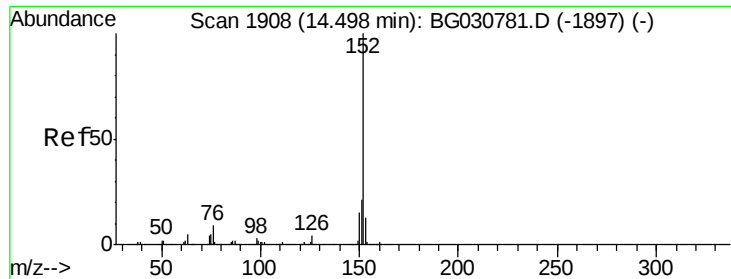
#45  
2,6-Dinitrotoluene  
Concen: 22.22 ng/ul  
RT: 14.34 min Scan# 1881  
Delta R.T. -0.00 min  
Lab File: BG030796.D  
Acq: 7 Nov 2017 4:19

Tgt Ion:165 Resp: 68534  
Ion Ratio Lower Upper  
165 100  
89 50.5 51.1 76.7#  
121 19.9 17.2 25.8



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 89.00 (88.70 to 89.70): BGC  
Ion 121.00 (120.70 to 121.70): E

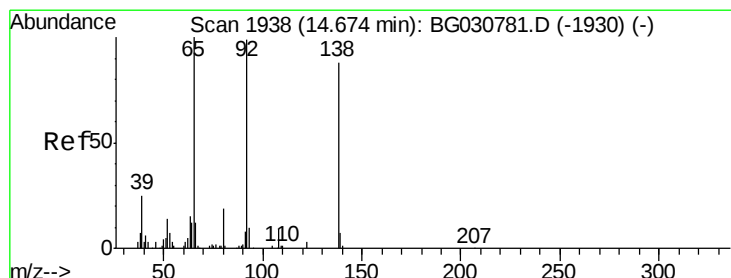
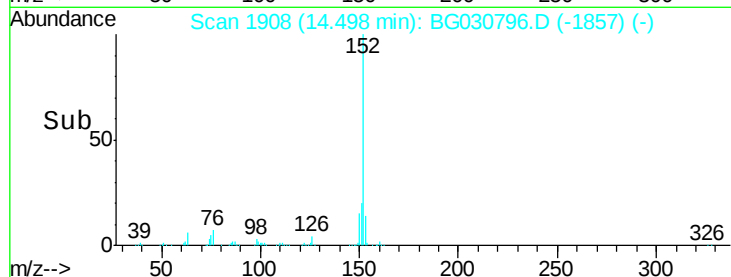
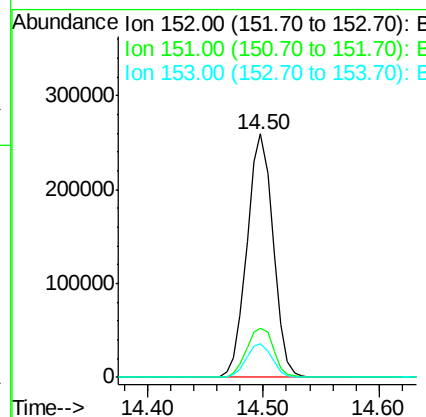
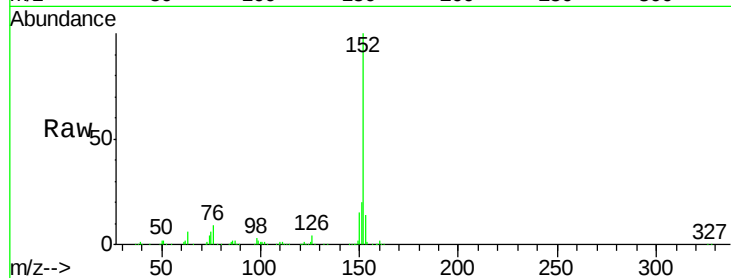




#47  
Acenaphthylene  
Concen: 18.13 ng/ul  
RT: 14.50 min Scan# 1908  
Delta R.T. -0.00 min  
Lab File: BG030796.D  
Acq: 7 Nov 2017 4:19

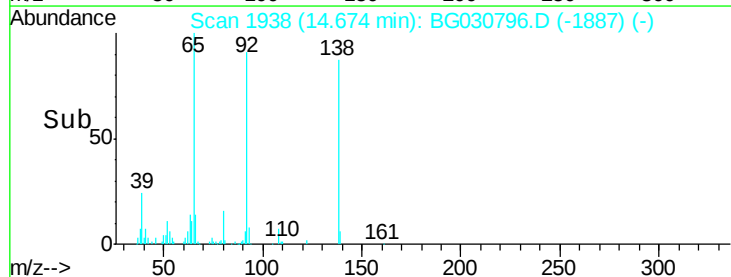
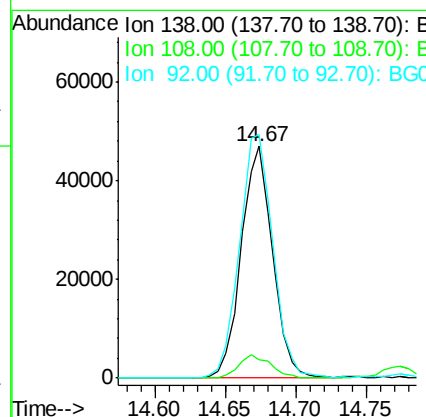
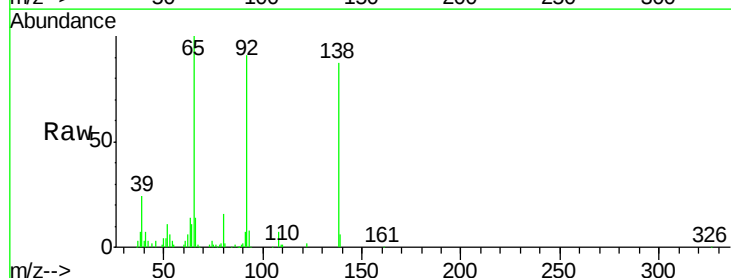
Instrument :  
BNA\_G  
ClientSampleId :

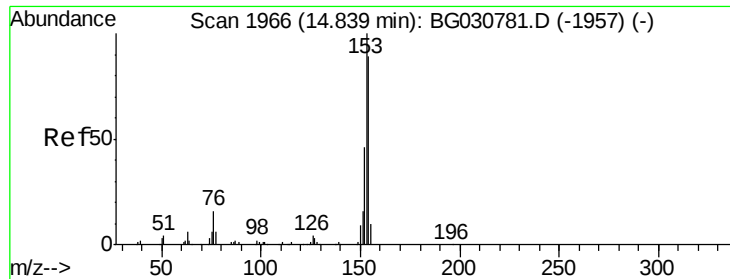
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.3  | 15.2  | 22.8  |
| 153     | 13.7  | 10.2  | 15.4  |



#48  
3-Nitroaniline  
Concen: 21.88 ng/ul  
RT: 14.67 min Scan# 1938  
Delta R.T. -0.00 min  
Lab File: BG030796.D  
Acq: 7 Nov 2017 4:19

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 138     | 100   |       |        |
| 108     | 7.8   | 10.5  | 15.7#  |
| 92      | 105.0 | 107.8 | 161.8# |





#49

Acenaphthene

Concen: 17.95 ng/ul

RT: 14.83 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BG030796.D

Acq: 7 Nov 2017 4:19

Instrument :

BNA\_G

ClientSampled :

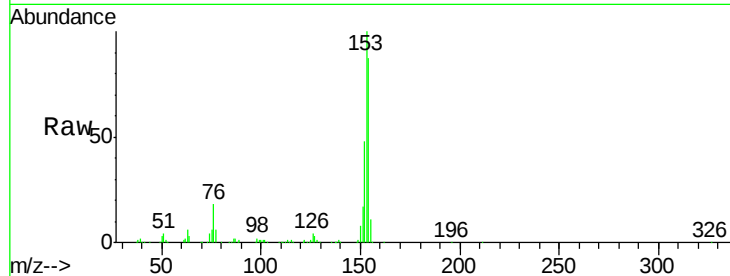
Tot Ion:153 Resp: 275460

Ion Ratio Lower Upper

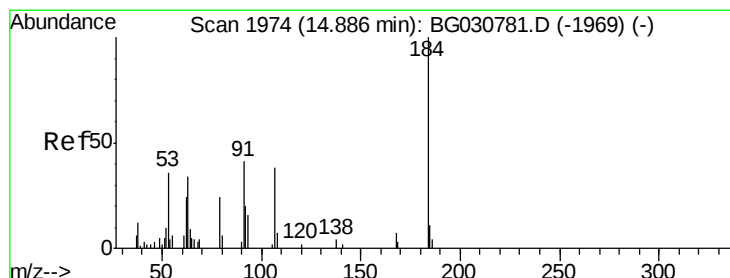
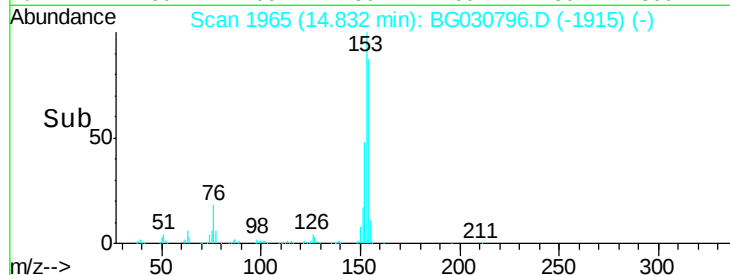
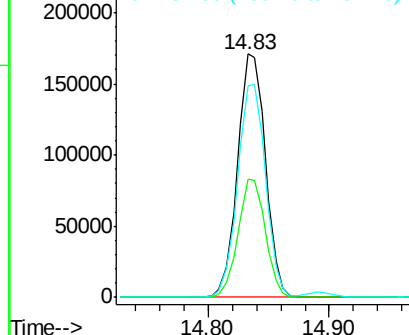
153 100

152 48.4 38.2 57.2

154 87.0 70.6 105.8



Abundance Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E  
Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 7.17 ng/ul

RT: 14.89 min Scan# 1975

Delta R.T. 0.01 min

Lab File: BG030796.D

Acq: 7 Nov 2017 4:19

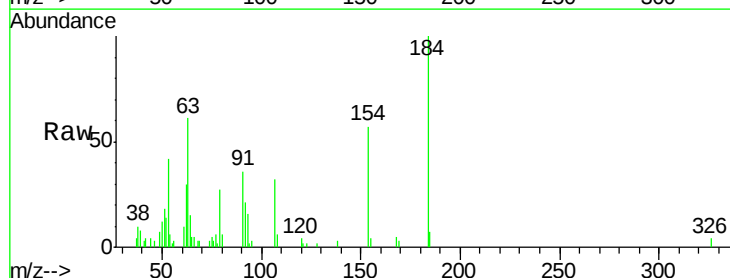
Tgt Ion:184 Resp: 11842

Ion Ratio Lower Upper

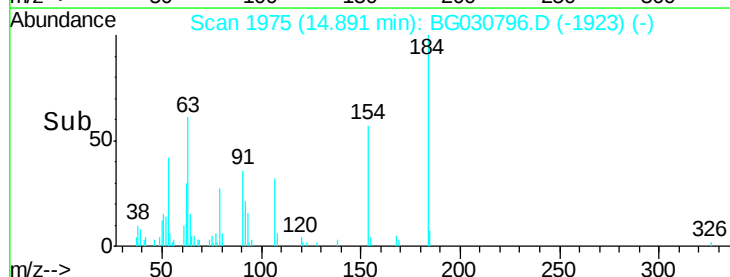
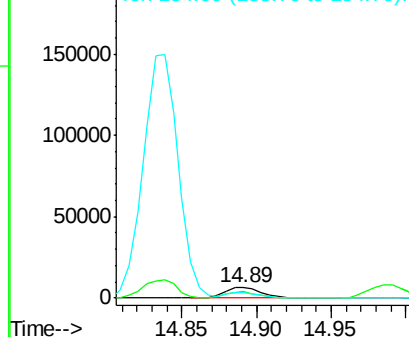
184 100

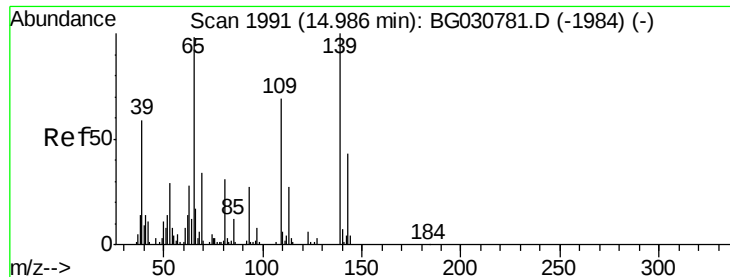
63 61.4 58.6 87.8

154 56.9 55.8 83.6



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





#52

4-Nitrophenol

Concen: 14.97 ng/ul

RT: 14.99 min Scan# 1991

Delta R.T. -0.00 min

Lab File: BG030796.D

Acq: 7 Nov 2017 4:19

Instrument :

BNA\_G

ClientSampleId :

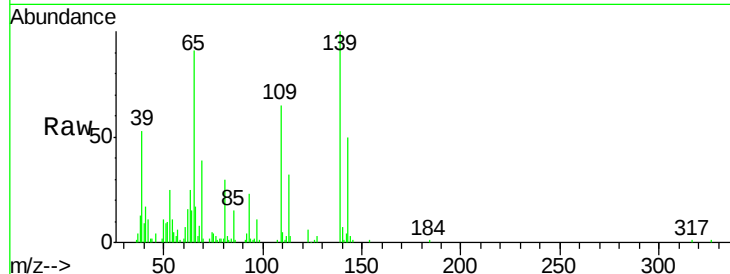
Tot Ion:109 Resp: 37709

Ion Ratio Lower Upper

109 100

139 154.2 89.5 134.3#

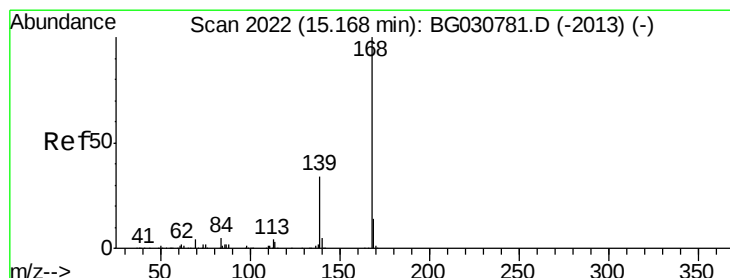
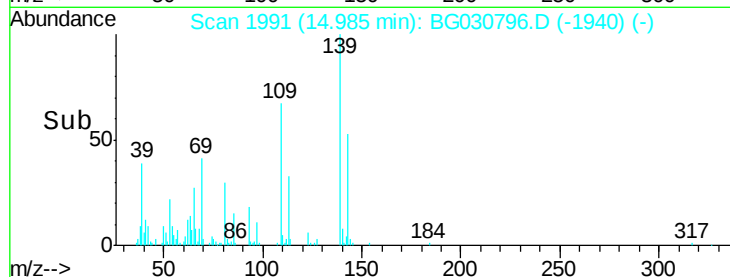
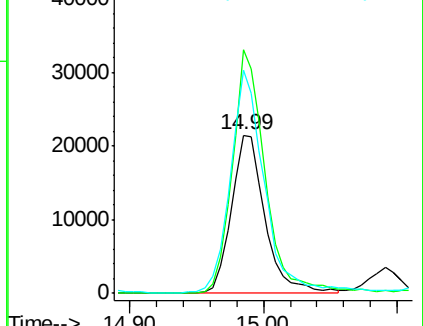
65 141.0 98.3 147.5



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): B



#53

Dibenzofuran

Concen: 19.20 ng/ul

RT: 15.17 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BG030796.D

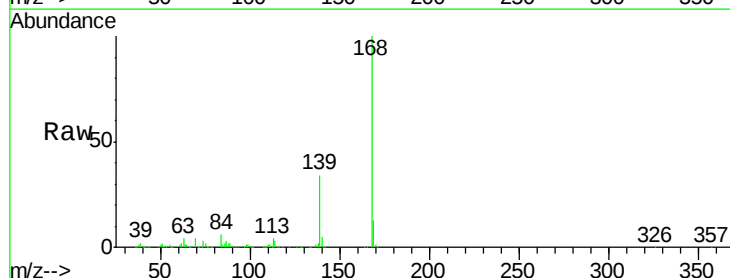
Acq: 7 Nov 2017 4:19

Tgt Ion:168 Resp: 402901

Ion Ratio Lower Upper

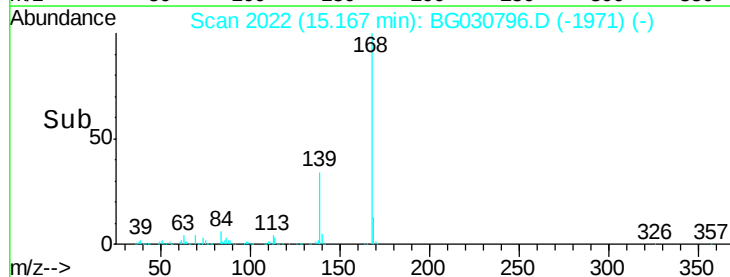
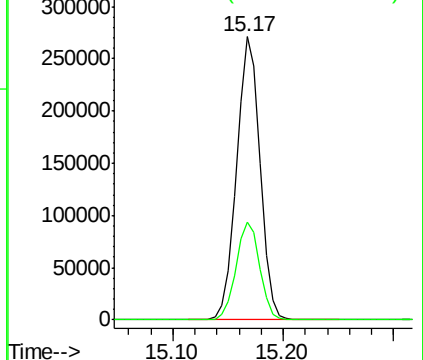
168 100

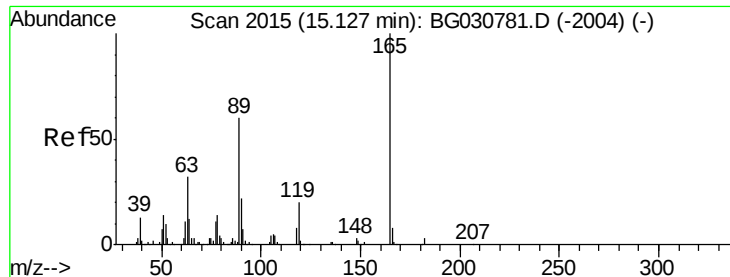
139 34.5 31.4 47.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#54

2,4-Dinitrotoluene

Concen: 21.62 ng/ul

RT: 15.13 min Scan# 2016

Delta R.T. 0.01 min

Lab File: BG030796.D

Acq: 7 Nov 2017 4:19

Instrument :

BNA\_G

ClientSampled :

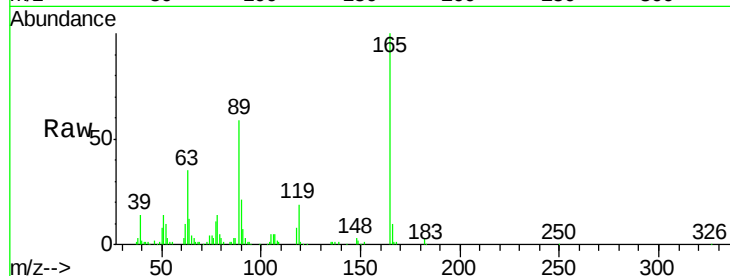
Tot Ion:165 Resp: 97489

Ion Ratio Lower Upper

165 100

63 35.5 38.2 57.4#

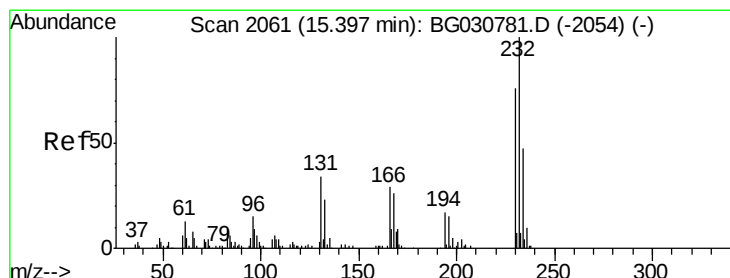
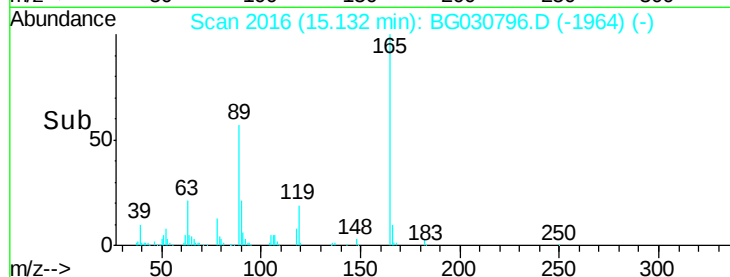
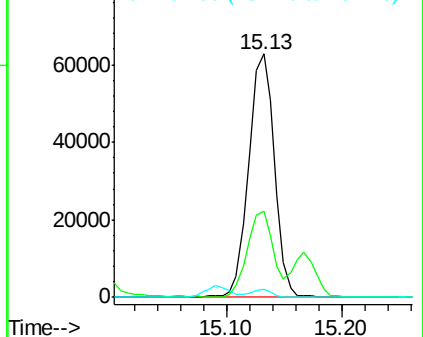
182 3.3 2.3 3.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 182.00 (181.70 to 182.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 23.51 ng/ul

RT: 15.40 min Scan# 2061

Delta R.T. -0.00 min

Lab File: BG030796.D

Acq: 7 Nov 2017 4:19

Tgt Ion:232 Resp: 94796

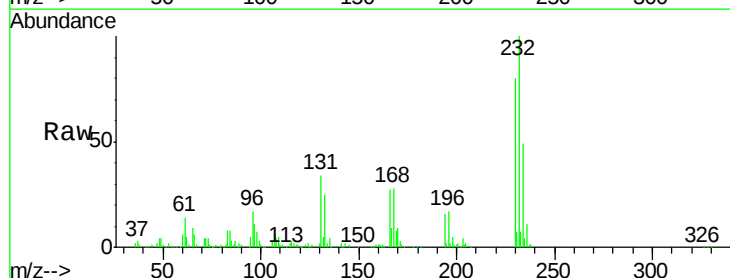
Ion Ratio Lower Upper

232 100

131 34.5 33.8 50.8

130 2.2 1.5 2.3

166 27.1 27.1 40.7#

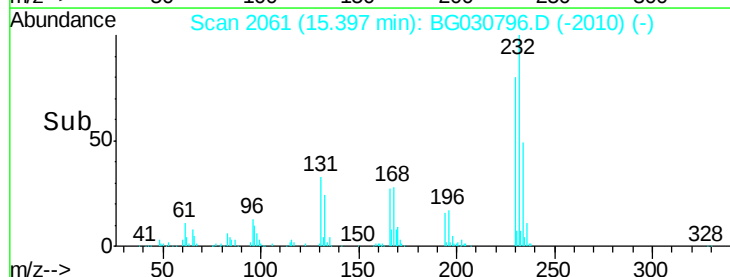
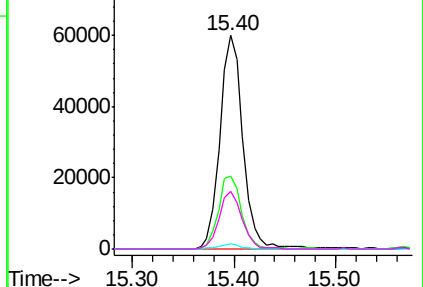


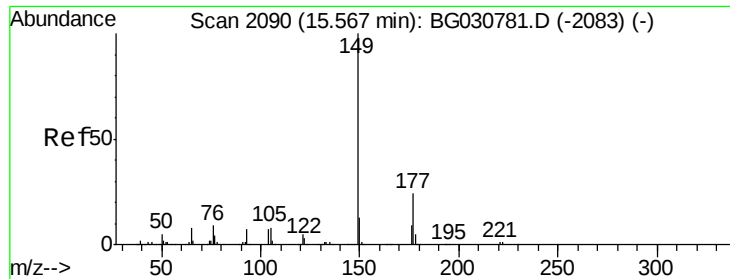
Abundance Ion 232.00 (231.70 to 232.70): E

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





#56

Diethylphthalate

Concen: 17.93 ng/ul

RT: 15.57 min Scan# 2090

Delta R.T. -0.00 min

Lab File: BG030796.D

Acq: 7 Nov 2017 4:19

Instrument :

BNA\_G

ClientSampleId :

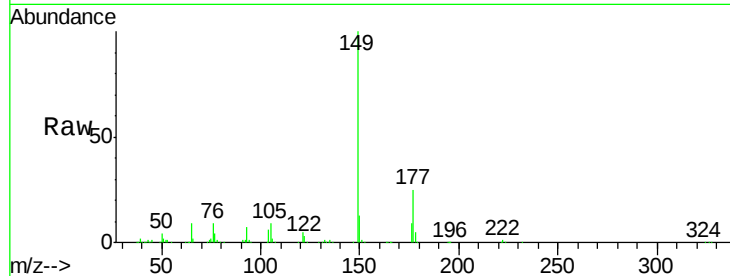
Tot Ion:149 Resp: 325839

Ion Ratio Lower Upper

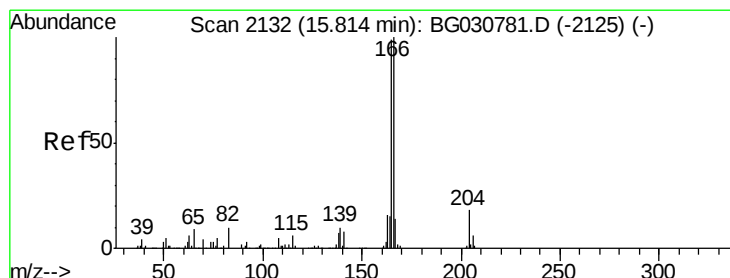
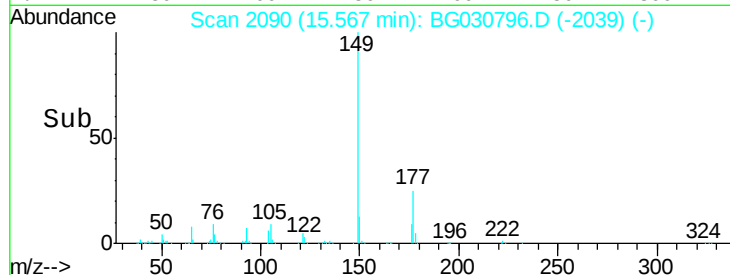
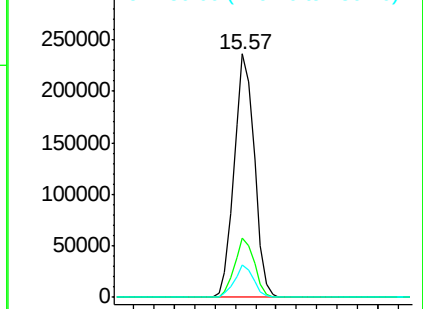
149 100

177 24.5 17.8 26.6

150 13.2 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E



#58

Fluorene

Concen: 19.33 ng/ul

RT: 15.81 min Scan# 2132

Delta R.T. -0.00 min

Lab File: BG030796.D

Acq: 7 Nov 2017 4:19

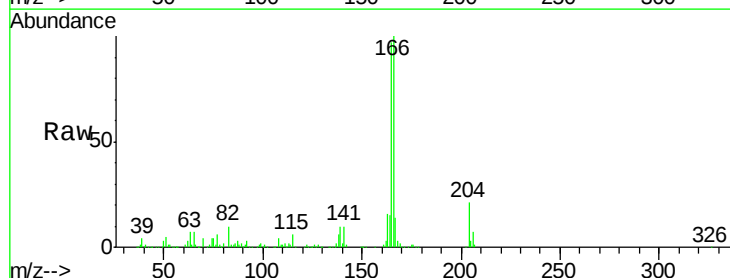
Tgt Ion:166 Resp: 323501

Ion Ratio Lower Upper

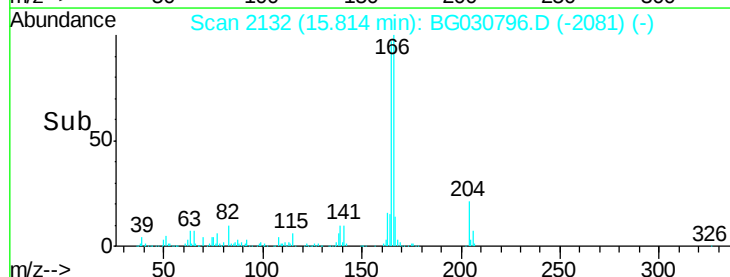
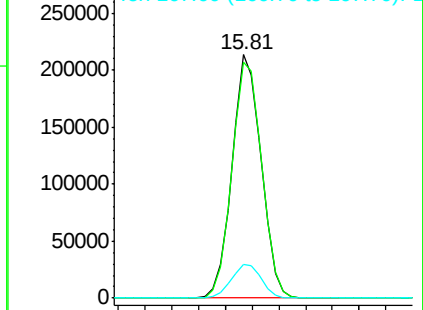
166 100

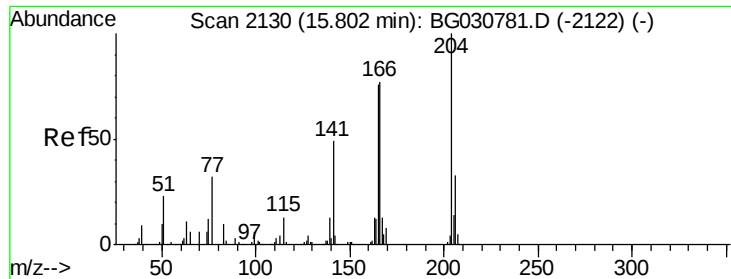
165 97.0 79.9 119.9

167 13.8 10.6 16.0



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

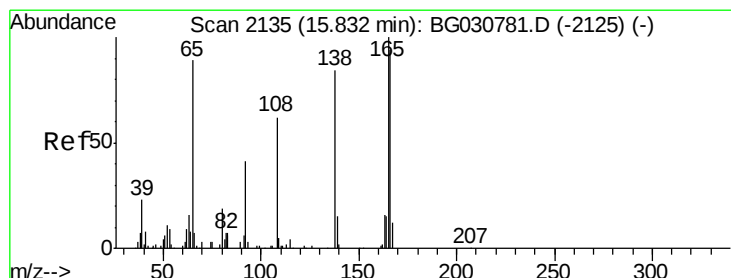
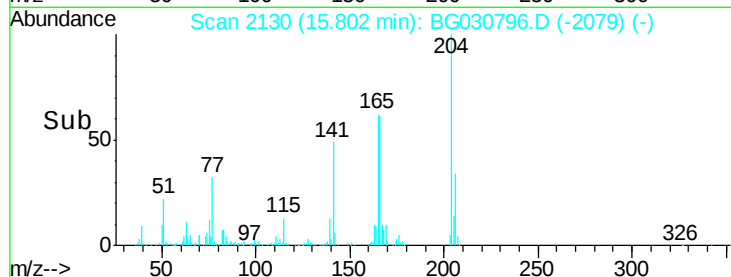
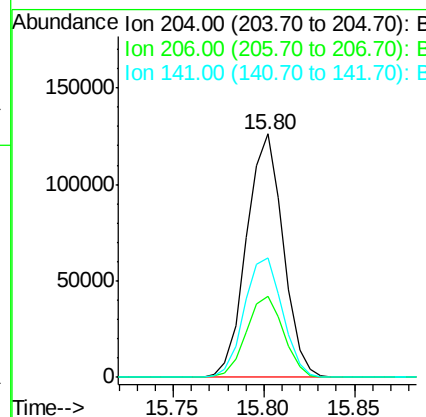
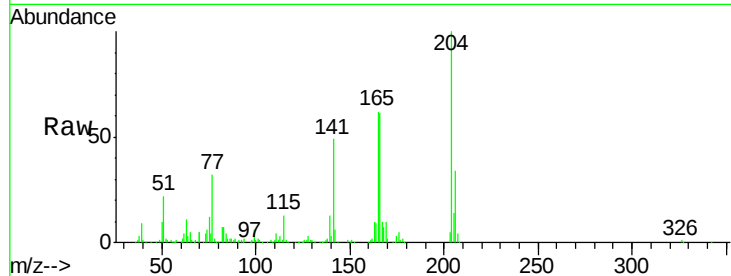




#59  
 4-Chlorophenyl-phenylether  
 Concen: 22.46 ng/ul  
 RT: 15.80 min Scan# 2130  
 Delta R.T. -0.00 min  
 Lab File: BG030796.D  
 Acq: 7 Nov 2017 4:19

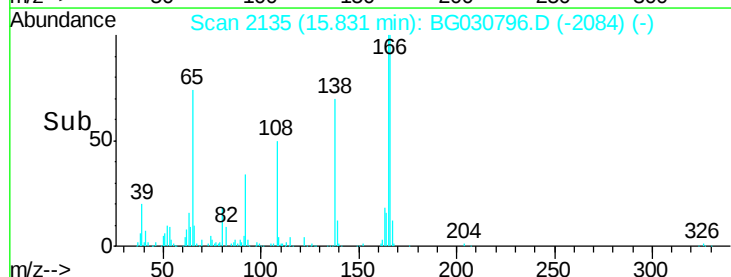
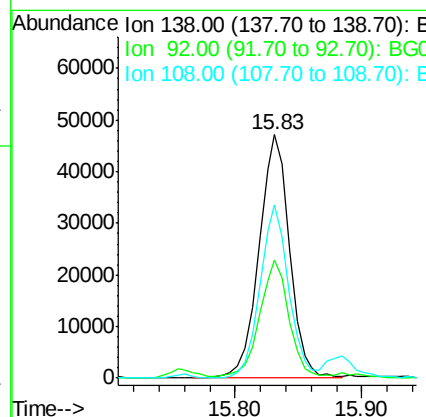
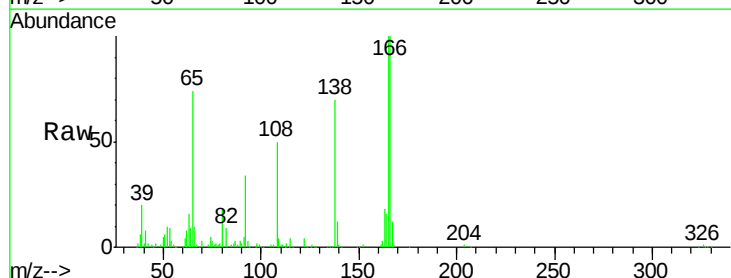
Instrument :  
 BNA\_G  
 ClientSampleId :

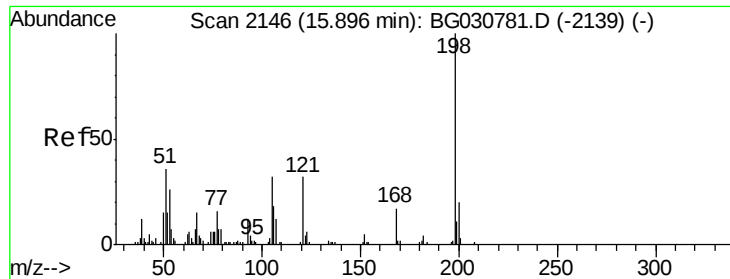
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.6  | 29.8  | 44.8  |
| 141     | 48.9  | 49.2  | 73.8# |



#60  
 4-Nitroaniline  
 Concen: 19.30 ng/ul  
 RT: 15.83 min Scan# 2135  
 Delta R.T. -0.00 min  
 Lab File: BG030796.D  
 Acq: 7 Nov 2017 4:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 48.6  | 44.2  | 66.2  |
| 108     | 71.1  | 63.7  | 95.5  |

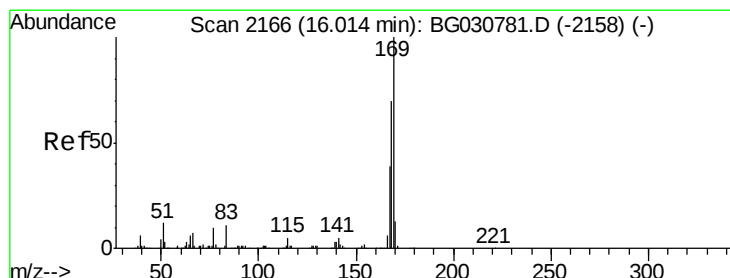
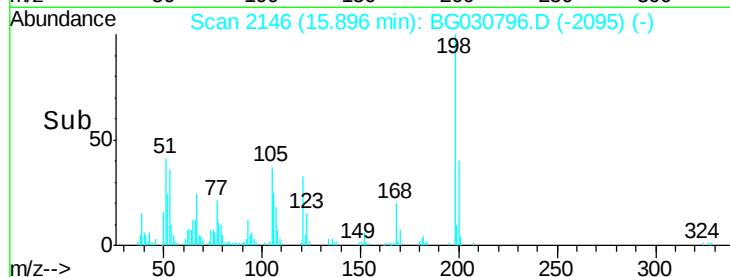
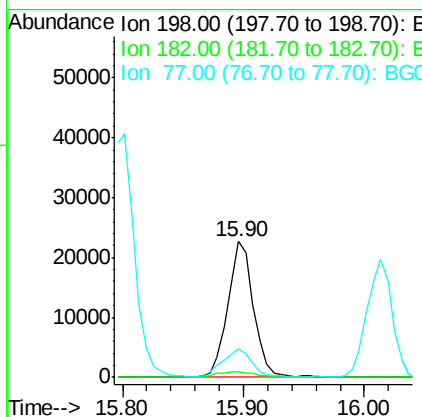
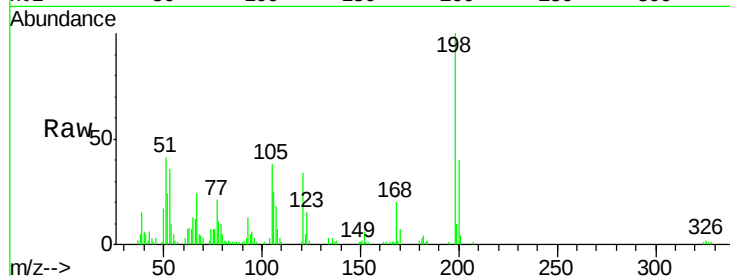




#63  
 4,6-Dinitro-2-methylphenol  
 Concen: 12.82 ng/ul  
 RT: 15.90 min Scan# 2146  
 Delta R.T. -0.00 min  
 Lab File: BG030796.D  
 Acq: 7 Nov 2017 4:19

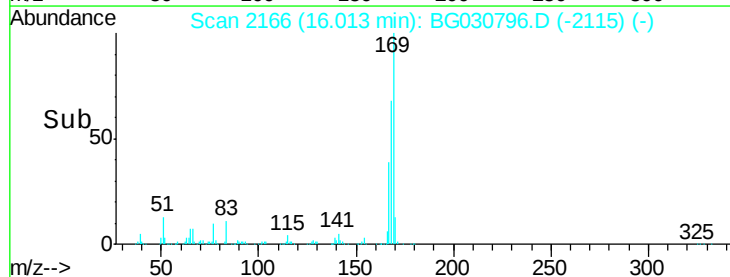
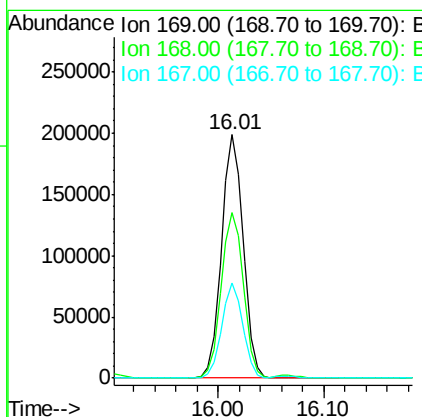
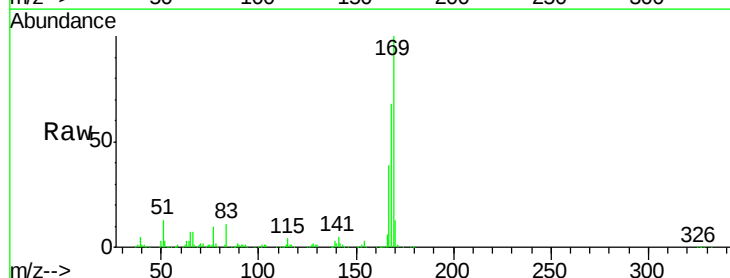
Instrument :  
 BNA\_G  
 ClientSampled :

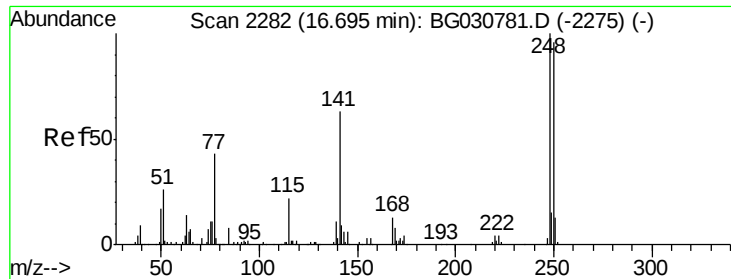
Tot Ion:198 Resp: 33402  
 Ion Ratio Lower Upper  
 198 100  
 182 4.4 4.6 5.0#  
 77 21.4 25.9 39.7#



#64  
 N-Nitrosodiphenylamine  
 Concen: 18.84 ng/ul  
 RT: 16.01 min Scan# 2166  
 Delta R.T. -0.00 min  
 Lab File: BG030796.D  
 Acq: 7 Nov 2017 4:19

Tgt Ion:169 Resp: 283846  
 Ion Ratio Lower Upper  
 169 100  
 168 68.0 54.1 81.1  
 167 39.1 30.0 45.0

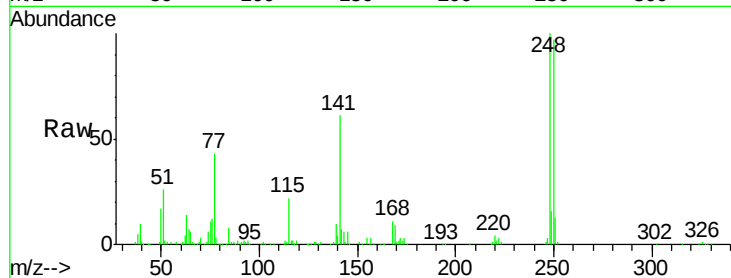




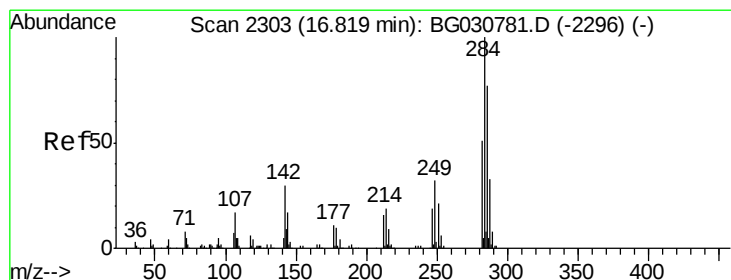
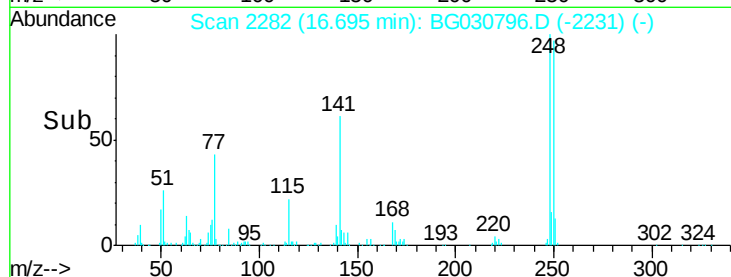
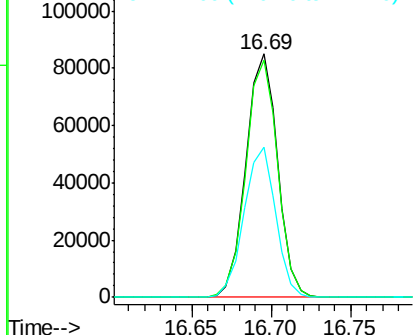
#65  
4-Bromophenyl-phenylether  
Concen: 23.07 ng/ul  
RT: 16.69 min Scan# 2282  
Delta R.T. -0.00 min  
Lab File: BG030796.D  
Acq: 7 Nov 2017 4:19

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:248 Resp: 117568  
Ion Ratio Lower Upper  
248 100  
250 97.3 76.9 115.3  
141 61.5 62.1 93.1#

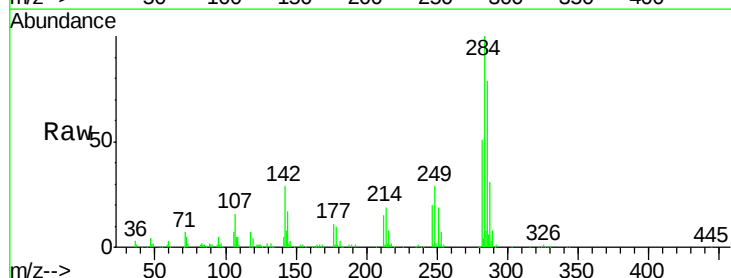


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

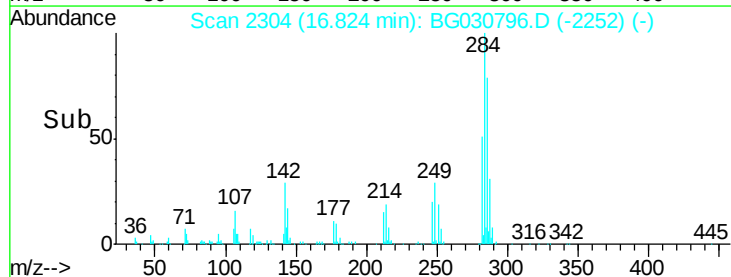
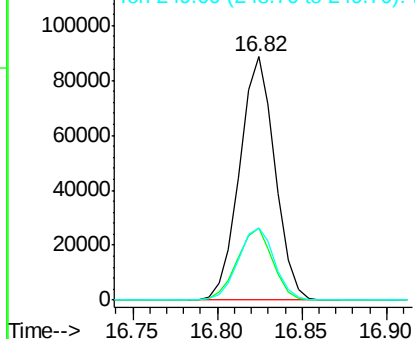


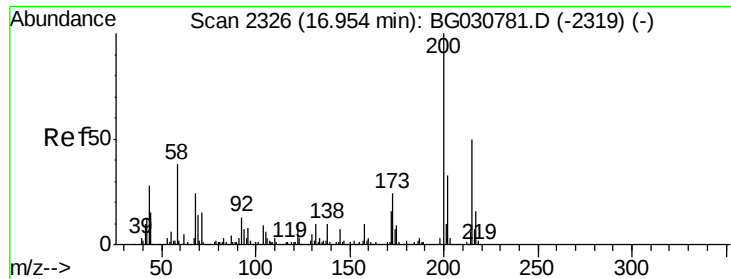
#66  
Hexachlorobenzene  
Concen: 24.67 ng/ul  
RT: 16.82 min Scan# 2304  
Delta R.T. 0.01 min  
Lab File: BG030796.D  
Acq: 7 Nov 2017 4:19

Tgt Ion:284 Resp: 128659  
Ion Ratio Lower Upper  
284 100  
142 29.4 27.5 41.3  
249 29.5 28.2 42.2



Abundance Ion 284.00 (283.70 to 284.70): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

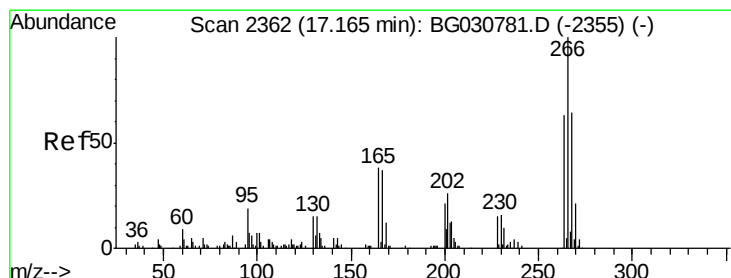
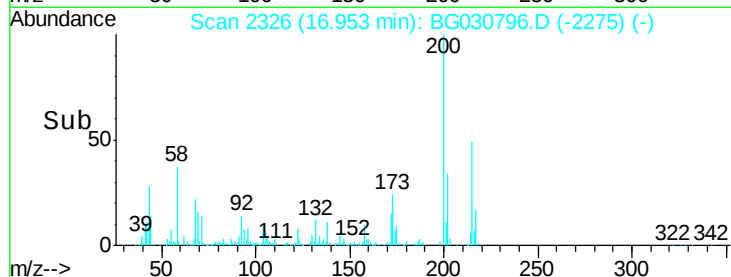
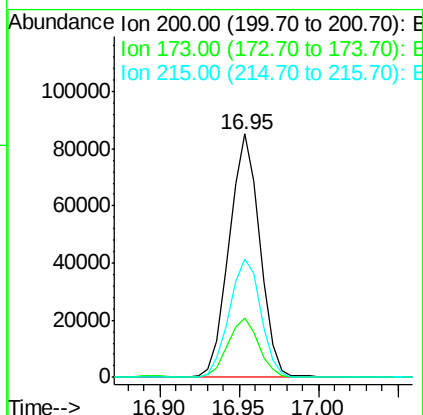
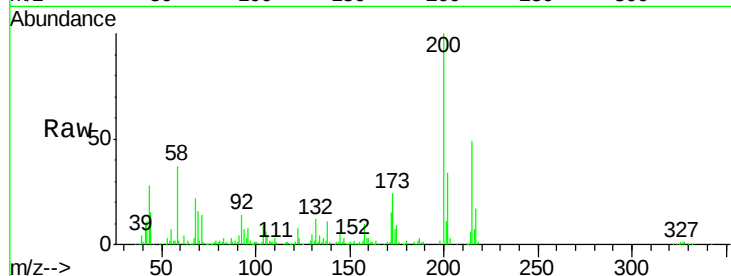




#67  
Atrazine  
Concen: 19.91 ng/ul  
RT: 16.95 min Scan# 2326  
Delta R.T. -0.00 min  
Lab File: BG030796.D  
Acq: 7 Nov 2017 4:19

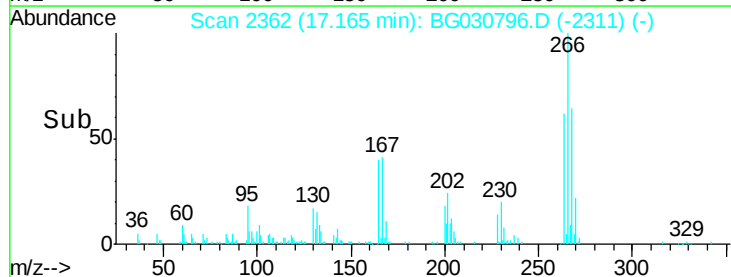
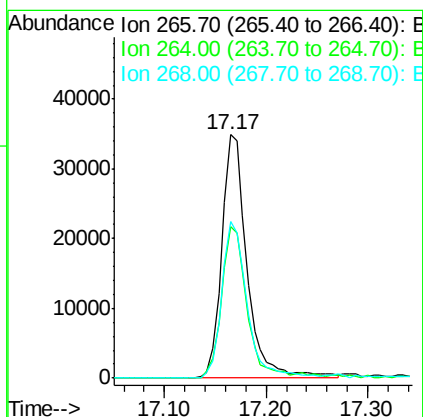
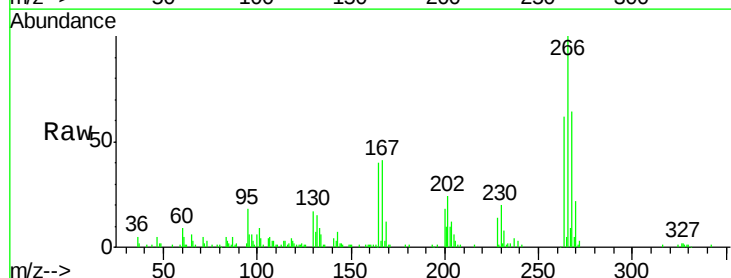
Instrument :  
BNA\_G  
ClientSampled :

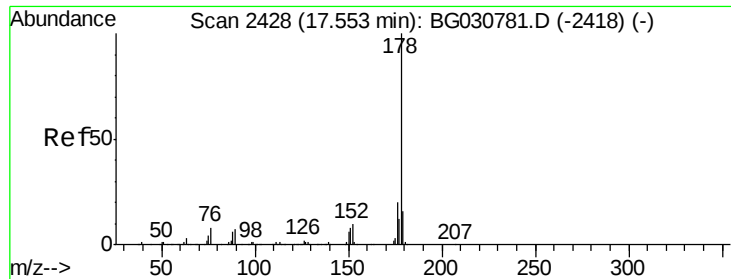
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 24.2  | 21.8  | 32.6  |
| 215     | 48.7  | 39.4  | 59.0  |



#68  
Pentachlorophenol  
Concen: 19.52 ng/ul  
RT: 17.17 min Scan# 2362  
Delta R.T. -0.00 min  
Lab File: BG030796.D  
Acq: 7 Nov 2017 4:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 62.2  | 54.4  | 81.6  |
| 268     | 64.1  | 53.4  | 80.2  |

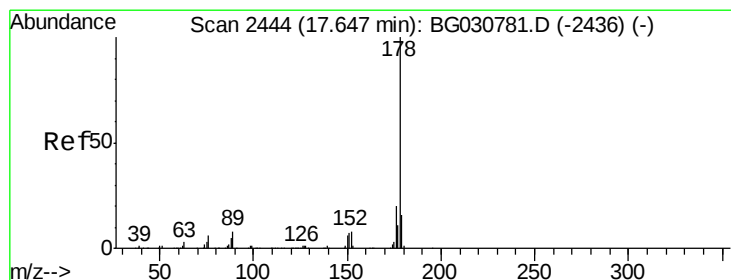
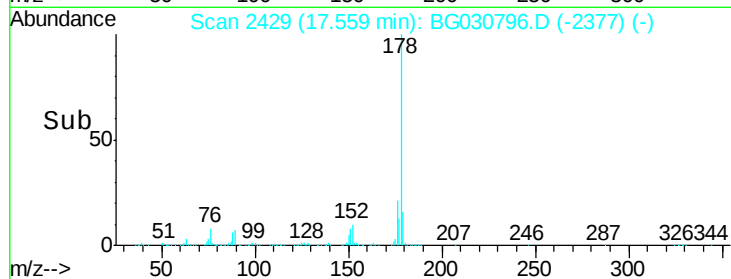
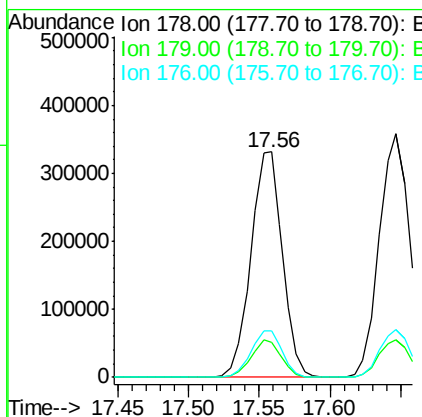
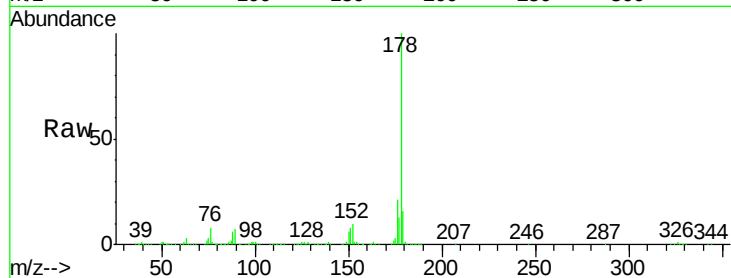




#69  
Phenanthrene  
Concen: 19.06 ng/ul  
RT: 17.56 min Scan# 2429  
Delta R.T. 0.01 min  
Lab File: BG030796.D  
Acq: 7 Nov 2017 4:19

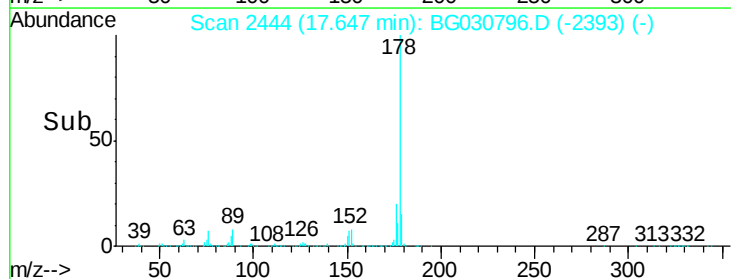
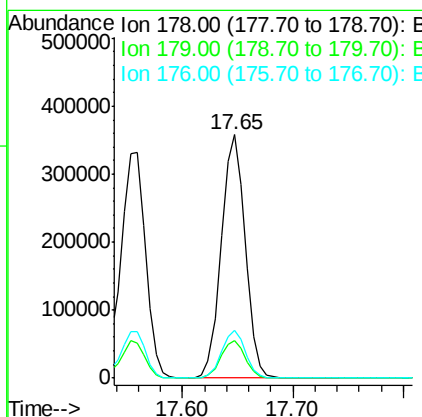
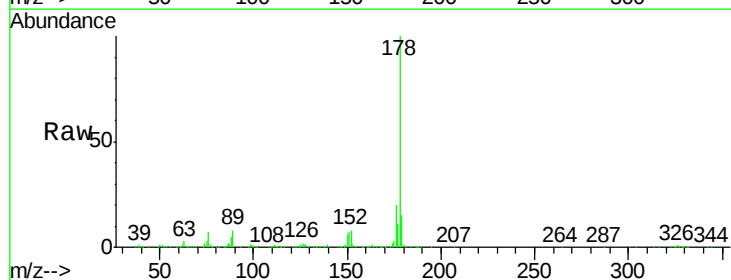
Instrument :  
BNA\_G  
ClientSampleId :

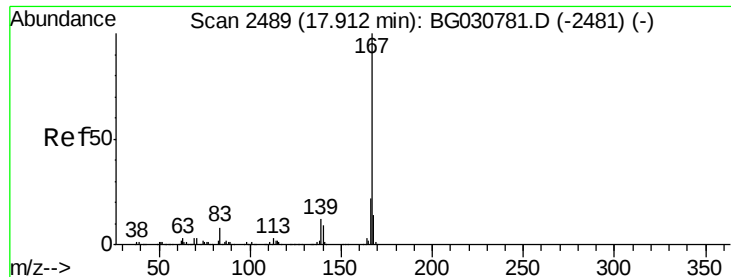
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 15.6  | 13.0  | 19.6  |
| 176     | 20.9  | 15.3  | 22.9  |



#71  
Anthracene  
Concen: 19.28 ng/ul  
RT: 17.65 min Scan# 2444  
Delta R.T. -0.00 min  
Lab File: BG030796.D  
Acq: 7 Nov 2017 4:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 15.5  | 13.2  | 19.8  |
| 176     | 19.9  | 16.0  | 24.0  |

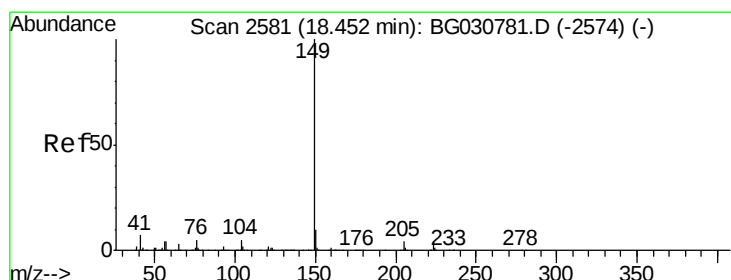
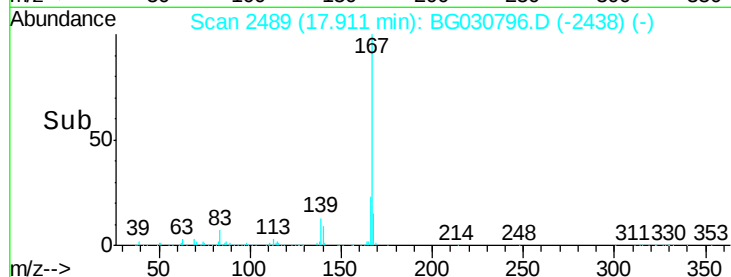
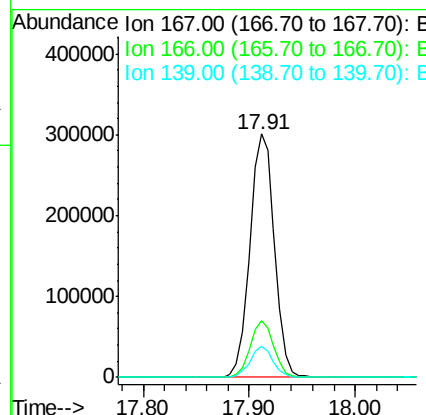
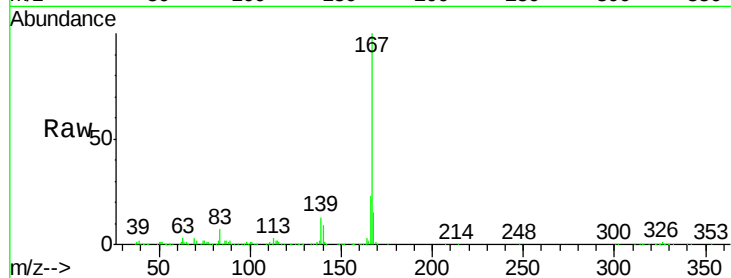




#72  
 Carbazole  
 Concen: 19.06 ng/ul  
 RT: 17.91 min Scan# 2489  
 Delta R.T. -0.00 min  
 Lab File: BG030796.D  
 Acq: 7 Nov 2017 4:19

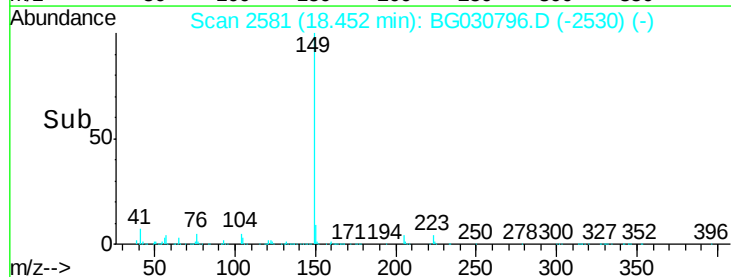
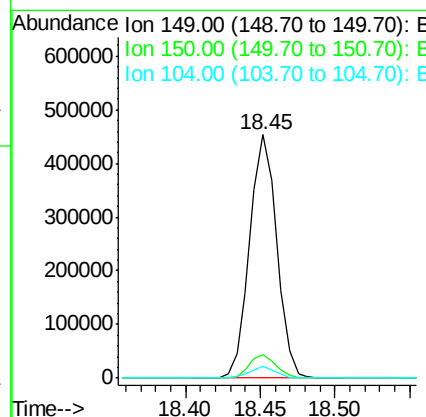
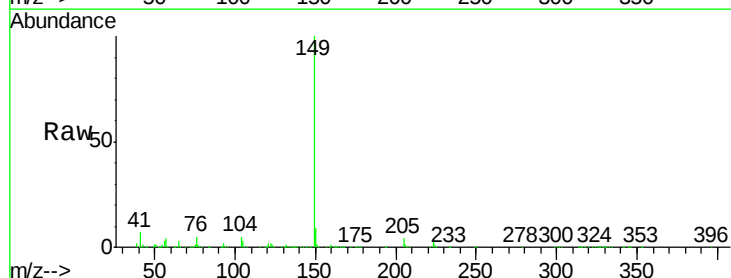
Instrument :  
 BNA\_G  
 ClientSampleId :

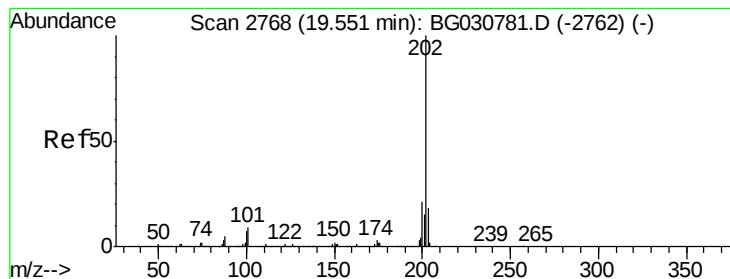
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 23.3  | 18.6  | 28.0  |
| 139     | 12.7  | 10.6  | 16.0  |



#73  
 Di-n-butylphthalate  
 Concen: 18.70 ng/ul  
 RT: 18.45 min Scan# 2581  
 Delta R.T. -0.00 min  
 Lab File: BG030796.D  
 Acq: 7 Nov 2017 4:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.4   | 7.5   | 11.3  |
| 104     | 4.7   | 4.6   | 7.0   |





#74

Fluoranthene

Concen: 21.02 ng/ul

RT: 19.55 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BG030796.D

Acq: 7 Nov 2017 4:19

Instrument :

BNA\_G

ClientSampleId :

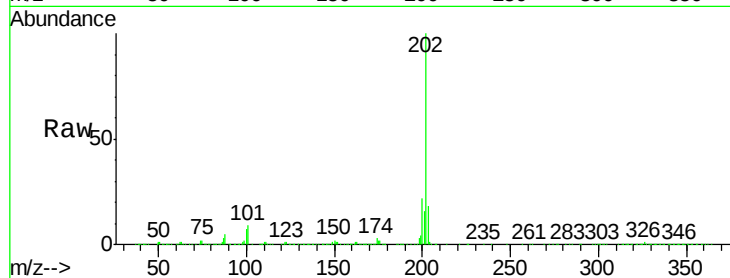
Tot Ion:202 Resp: 641590

Ion Ratio Lower Upper

202 100

101 9.3 7.4 11.2

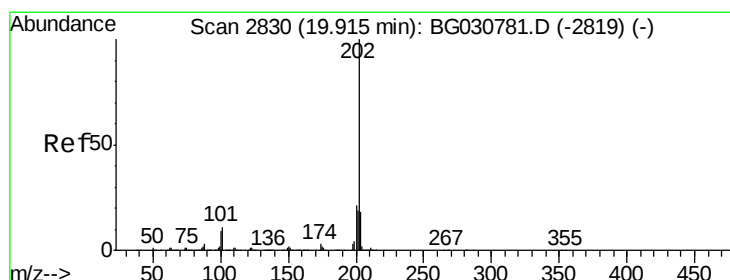
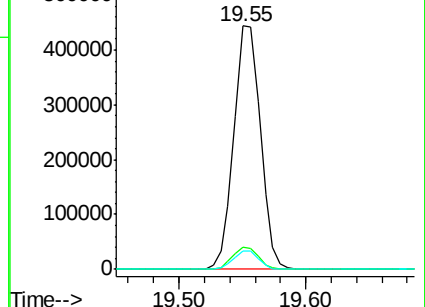
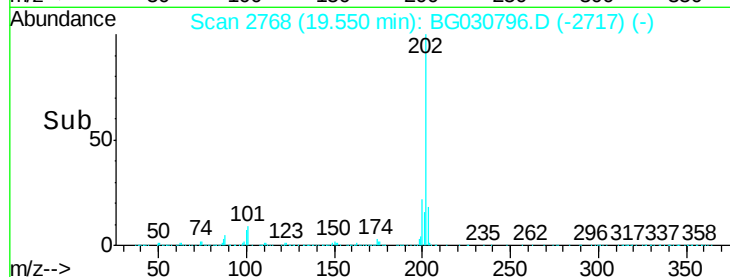
100 7.4 5.6 8.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 18.21 ng/ul

RT: 19.91 min Scan# 2830

Delta R.T. -0.00 min

Lab File: BG030796.D

Acq: 7 Nov 2017 4:19

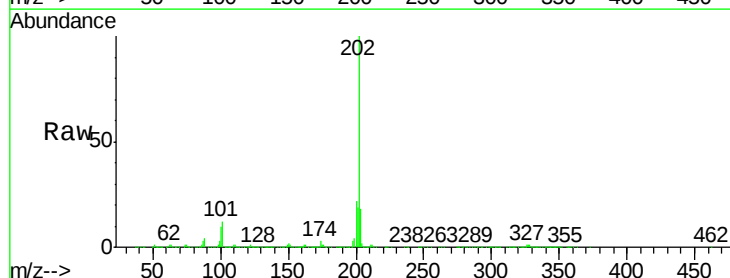
Tgt Ion:202 Resp: 645365

Ion Ratio Lower Upper

202 100

101 11.6 8.4 12.6

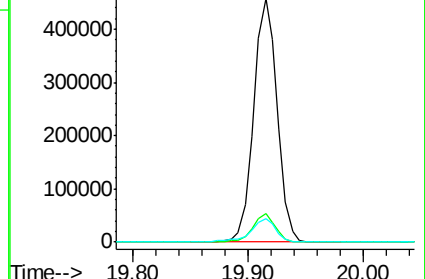
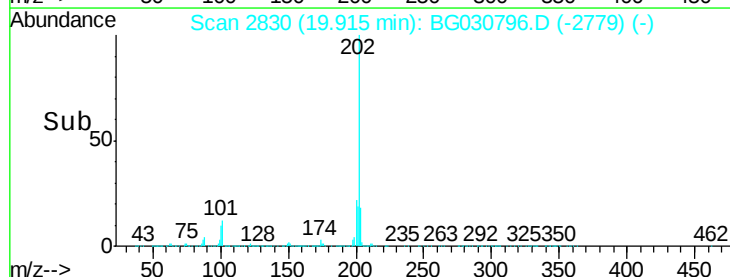
100 9.7 7.0 10.6

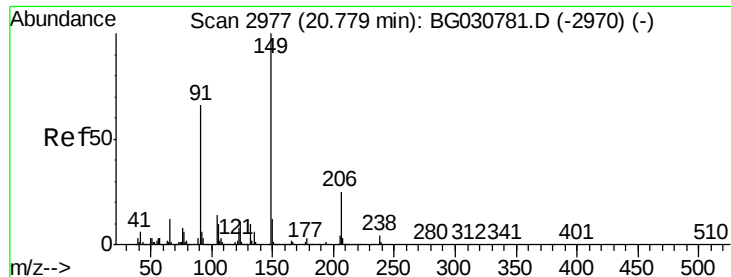


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#78

Butylbenzylphthalate

Concen: 17.68 ng/ul

RT: 20.78 min Scan# 2977

Delta R.T. -0.00 min

Lab File: BG030796.D

Acq: 7 Nov 2017 4:19

Instrument :

BNA\_G

ClientSampleId :

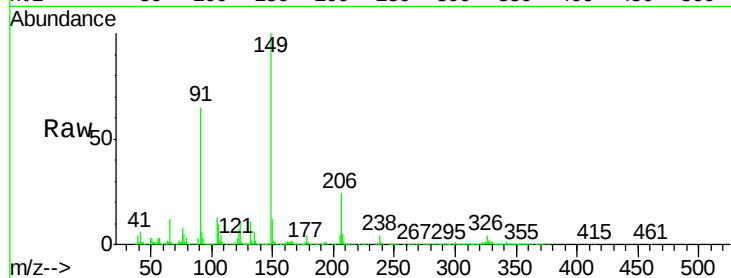
Tot Ion:149 Resp: 254135

Ion Ratio Lower Upper

149 100

91 65.0 61.3 91.9

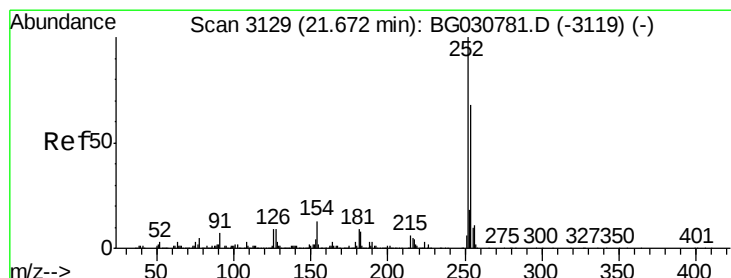
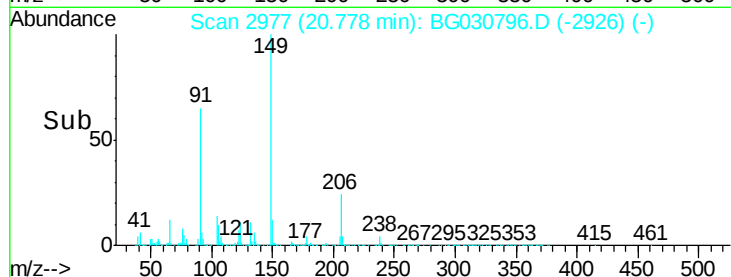
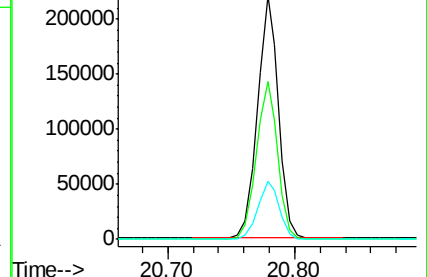
206 23.9 19.5 29.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#79

3,3'-Dichlorobenzidine

Concen: 22.71 ng/ul

RT: 21.67 min Scan# 3129

Delta R.T. -0.00 min

Lab File: BG030796.D

Acq: 7 Nov 2017 4:19

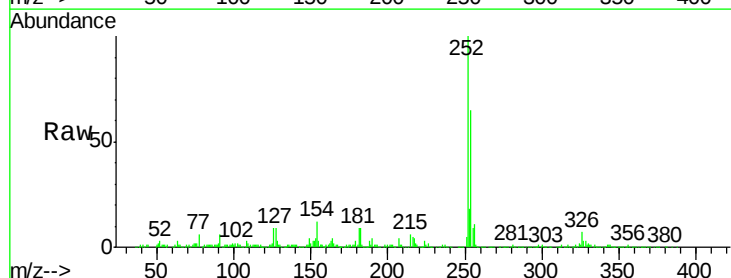
Tgt Ion:252 Resp: 219811

Ion Ratio Lower Upper

252 100

254 65.0 51.4 77.2

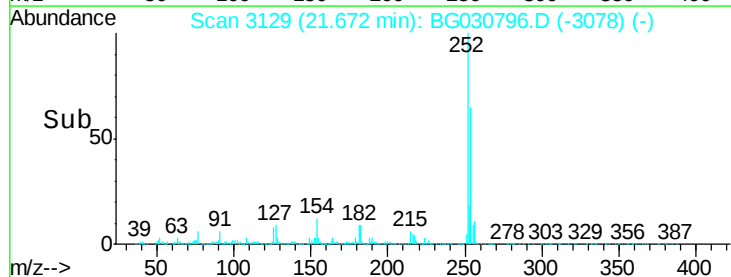
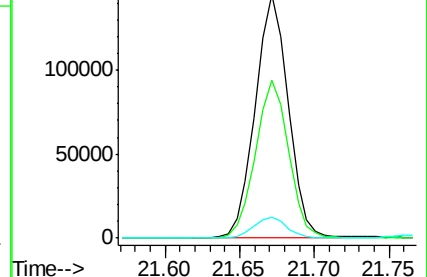
126 8.5 9.3 13.9#

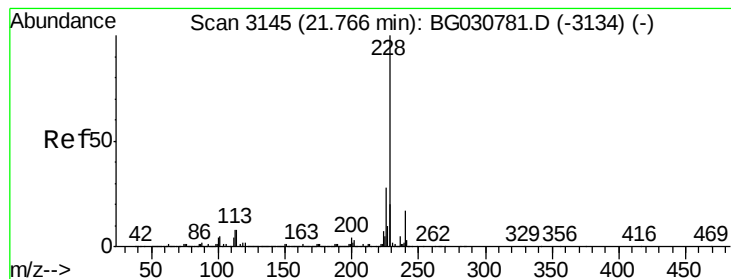


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#80

Benzo(a)anthracene

Concen: 19.65 ng/ul

RT: 21.77 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG030796.D

Acq: 7 Nov 2017 4:19

Instrument :

BNA\_G

ClientSampled :

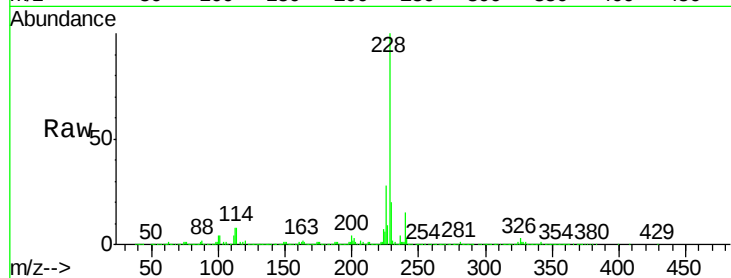
Tot Ion:228 Resp: 651404

Ion Ratio Lower Upper

228 100

229 20.3 16.2 24.4

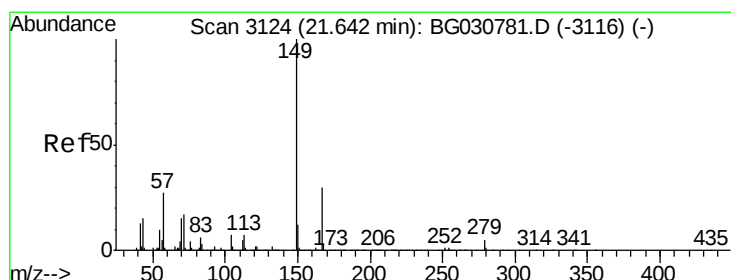
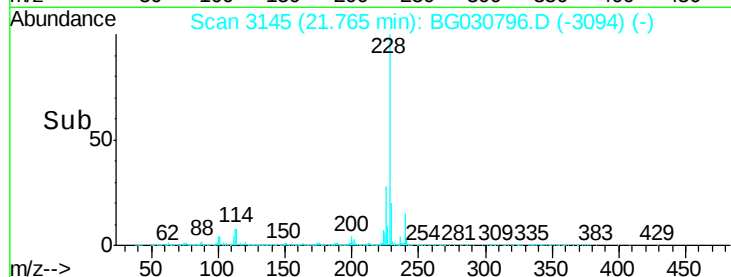
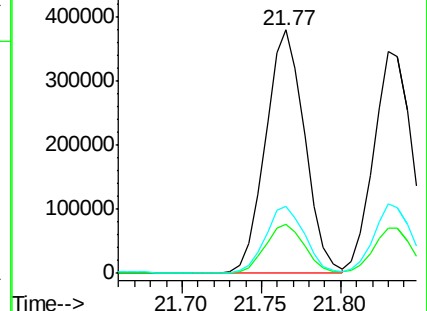
226 27.6 22.2 33.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 17.15 ng/ul

RT: 21.65 min Scan# 3125

Delta R.T. 0.01 min

Lab File: BG030796.D

Acq: 7 Nov 2017 4:19

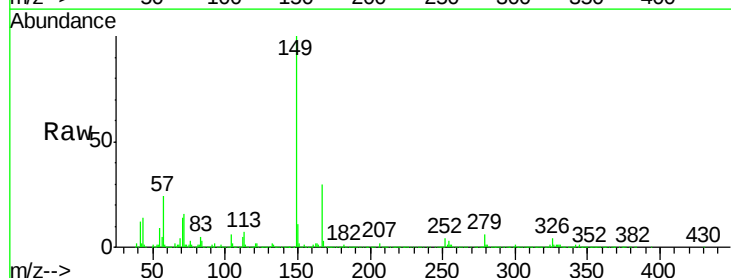
Tgt Ion:149 Resp: 357267

Ion Ratio Lower Upper

149 100

167 30.1 23.2 34.8

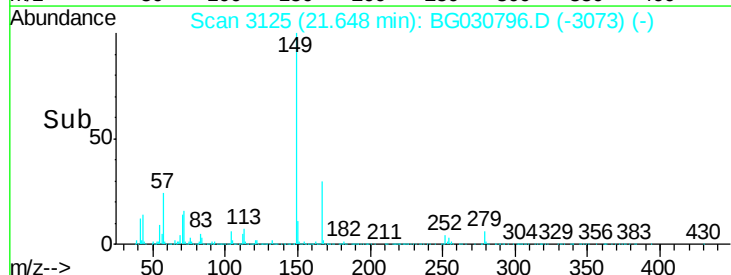
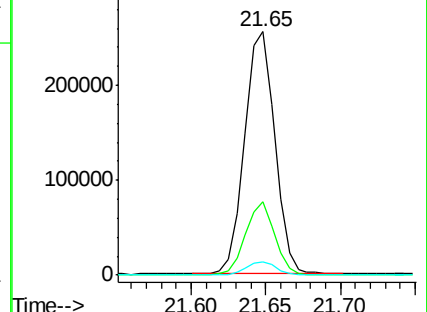
279 5.6 3.1 4.7#

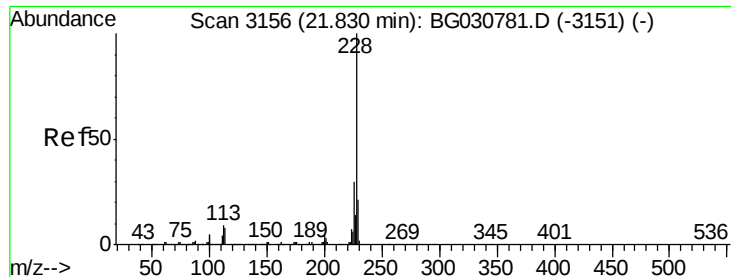


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 19.31 ng/ul

RT: 21.83 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG030796.D

Acq: 7 Nov 2017 4:19

Instrument :

BNA\_G

ClientSampleId :

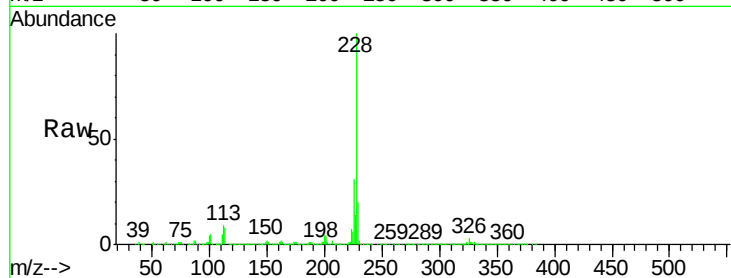
Tot Ion:228 Resp: 581588

Ion Ratio Lower Upper

228 100

226 31.1 24.2 36.2

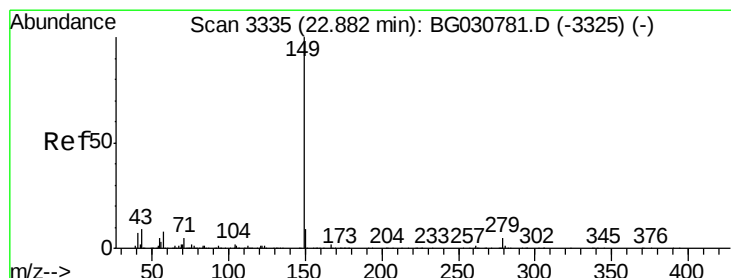
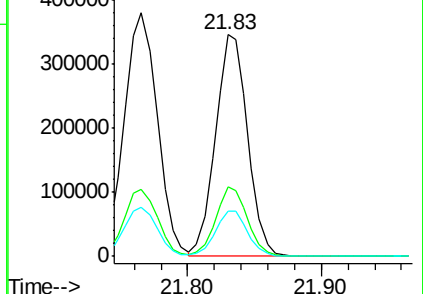
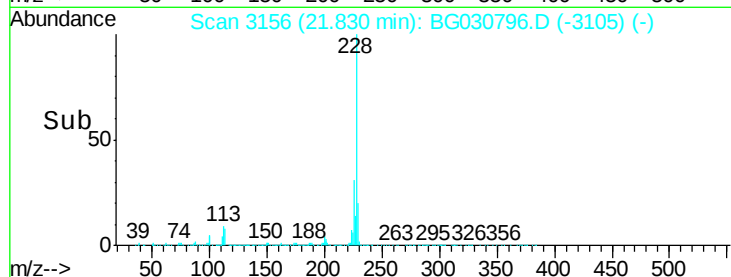
229 20.2 15.2 22.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Di-n-octyl phthalate

Concen: 17.06 ng/ul

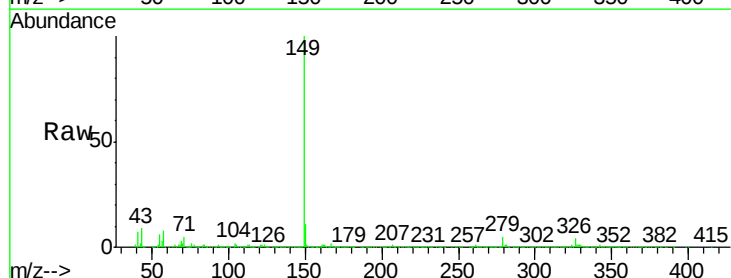
RT: 22.88 min Scan# 3335

Delta R.T. -0.00 min

Lab File: BG030796.D

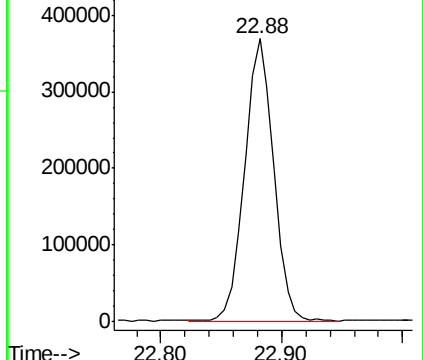
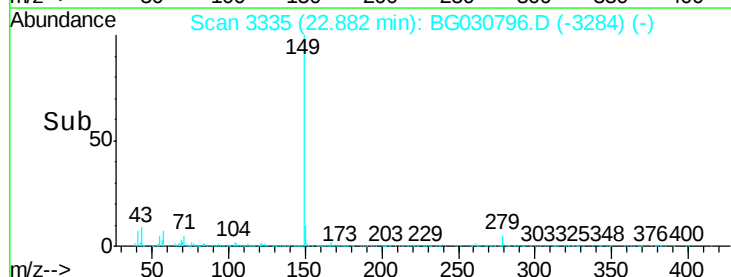
Acq: 7 Nov 2017 4:19

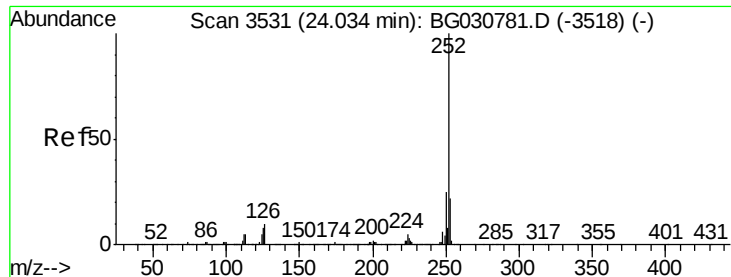
Tgt Ion:149 Resp: 614003



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 149.00 (148.70 to 149.70): E





#85

Benzo(b)fluoranthene

Concen: 19.97 ng/ul

RT: 24.05 min Scan# 3533

Delta R.T. 0.01 min

Lab File: BG030796.D

Acq: 7 Nov 2017 4:19

Instrument :

BNA\_G

ClientSampleId :

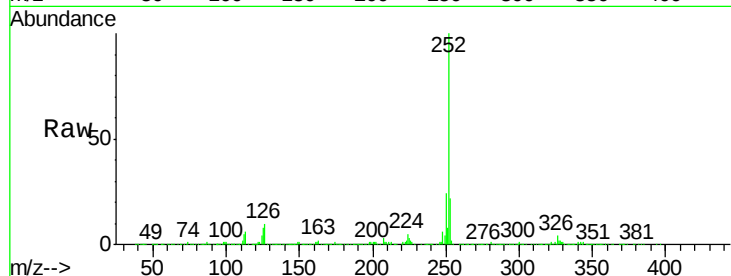
Tot Ion:252 Resp: 645199

Ion Ratio Lower Upper

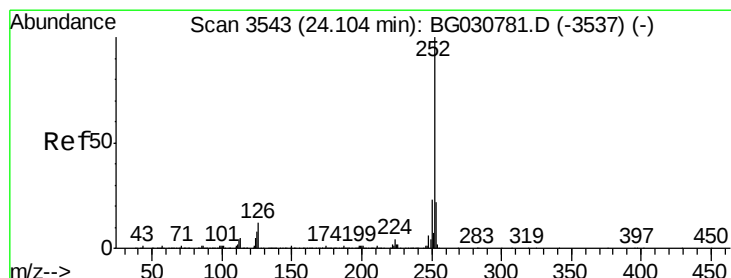
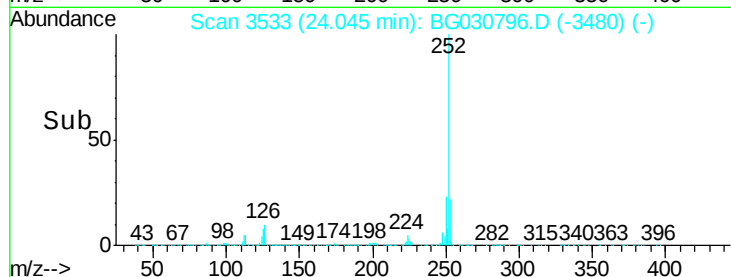
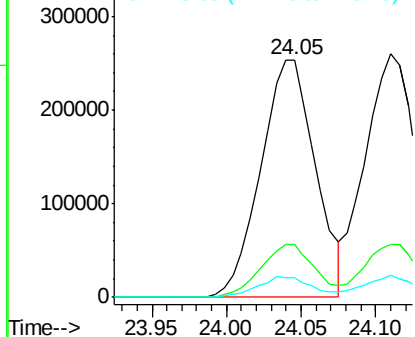
252 100

253 22.1 17.0 25.4

125 8.1 7.5 11.3



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



#86

Benzo(k)fluoranthene

Concen: 19.96 ng/ul

RT: 24.11 min Scan# 3544

Delta R.T. 0.01 min

Lab File: BG030796.D

Acq: 7 Nov 2017 4:19

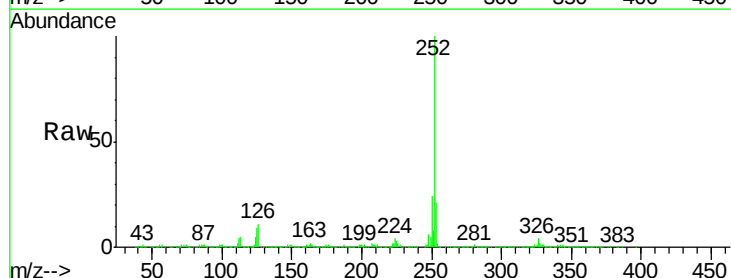
Tgt Ion:252 Resp: 623423

Ion Ratio Lower Upper

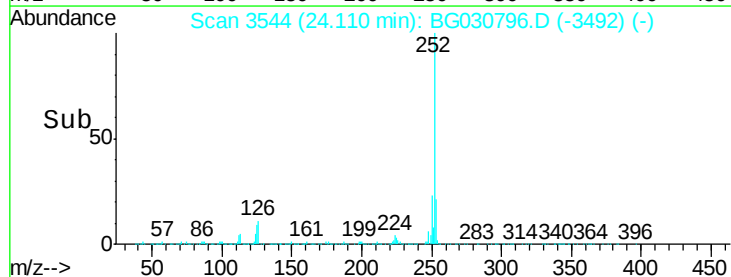
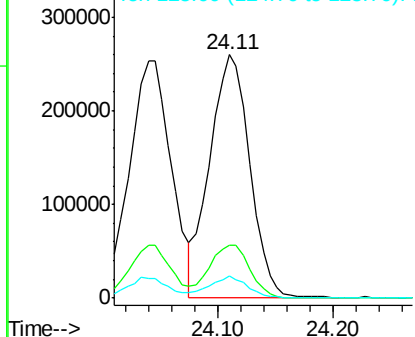
252 100

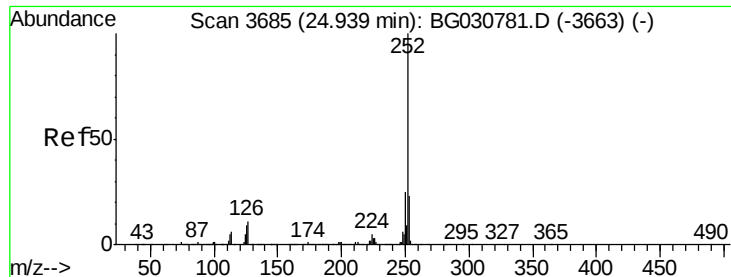
253 21.5 17.2 25.8

125 9.2 7.8 11.8



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





#88

Benzo(a)pyrene

Concen: 19.85 ng/ul

RT: 24.94 min Scan# 3686

Delta R.T. 0.01 min

Lab File: BG030796.D

Acq: 7 Nov 2017 4:19

Instrument :

BNA\_G

ClientSampleId :

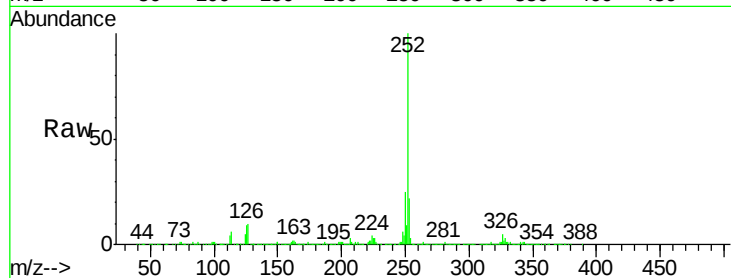
Tot Ion:252 Resp: 623985

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

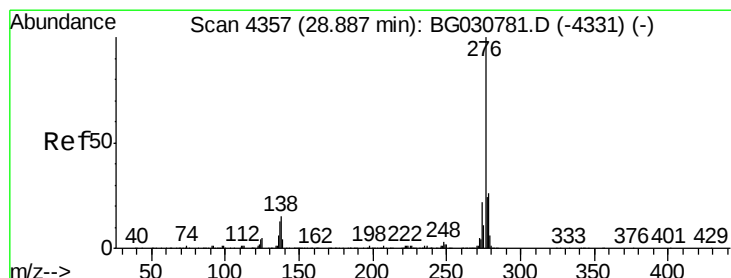
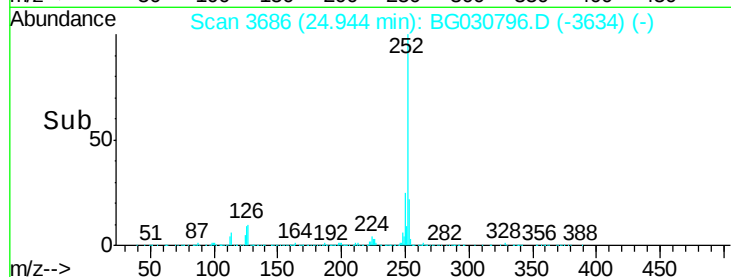
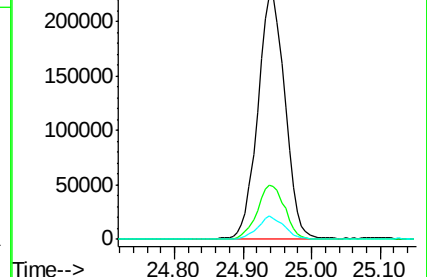
125 8.8 7.8 11.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Indeno(1,2,3-cd)pyrene

Concen: 20.40 ng/ul

RT: 28.89 min Scan# 4358

Delta R.T. 0.01 min

Lab File: BG030796.D

Acq: 7 Nov 2017 4:19

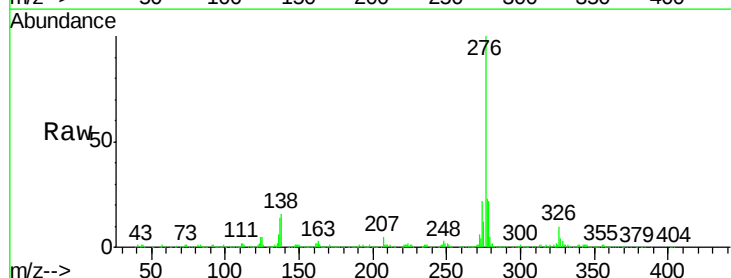
Tgt Ion:276 Resp: 725670

Ion Ratio Lower Upper

276 100

138 16.2 13.4 20.0

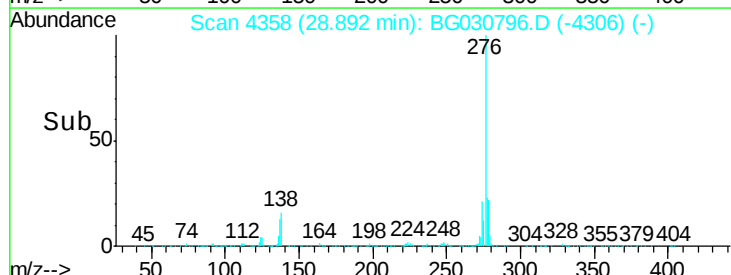
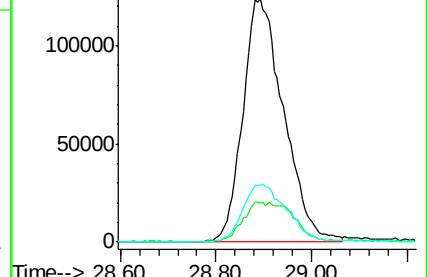
277 23.4 18.6 28.0

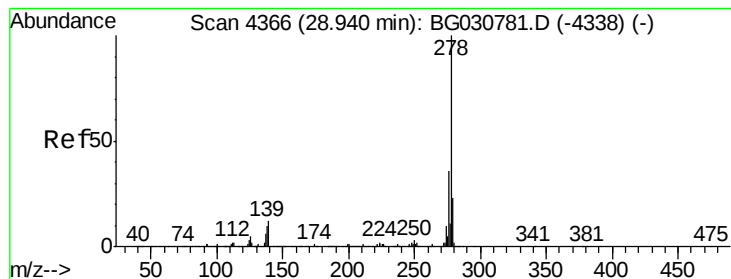


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 21.18 ng/ul

RT: 28.95 min Scan# 4368

Delta R.T. 0.01 min

Lab File: BG030796.D

Acq: 7 Nov 2017 4:19

Instrument :

BNA\_G

ClientSampleId :

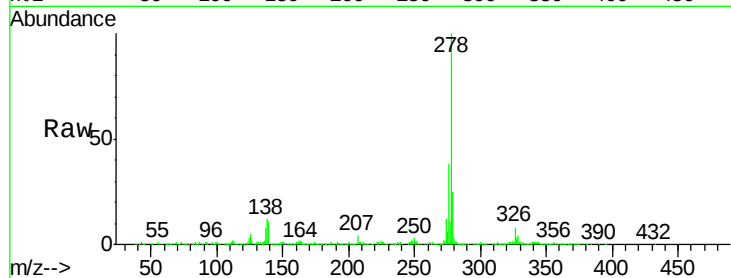
Tot Ion:278 Resp: 625843

Ion Ratio Lower Upper

278 100

139 11.5 9.4 14.2

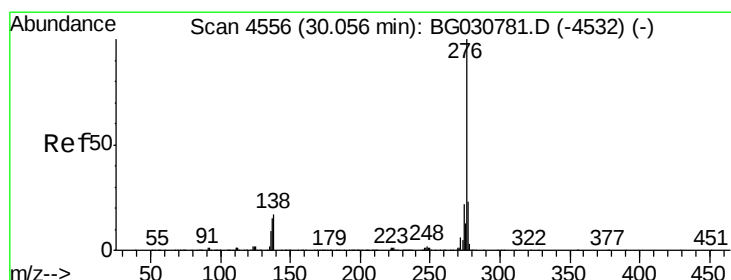
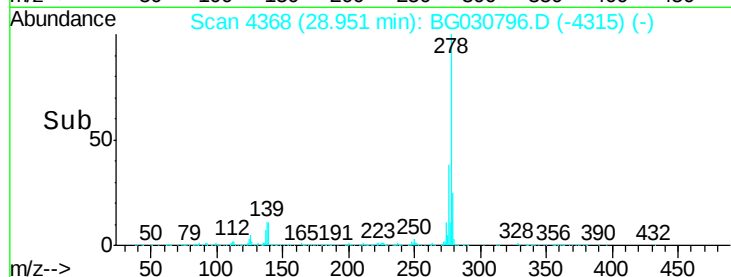
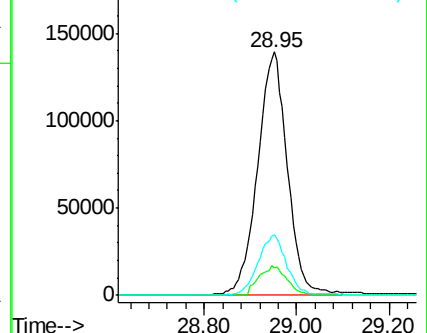
279 24.8 18.4 27.6



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(g,h,i)perylene

Concen: 18.78 ng/ul

RT: 30.07 min Scan# 4559

Delta R.T. 0.02 min

Lab File: BG030796.D

Acq: 7 Nov 2017 4:19

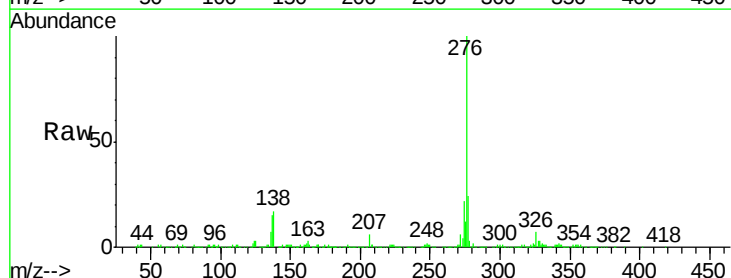
Tgt Ion:276 Resp: 553720

Ion Ratio Lower Upper

276 100

138 16.7 12.1 18.1

277 23.6 17.7 26.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

