

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110217\  
 Data File : BG030675.D  
 Acq On : 2 Nov 2017 23:09  
 Operator : SJ/JU  
 Sample : PB103802BS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Nov 03 00:56:22 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 01 17:41:24 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.15  | 152  | 61746    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.97 | 136  | 284149   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.77 | 164  | 200139   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.51 | 188  | 507361   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.78 | 240  | 549621   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 25.08 | 264  | 566743   | 20.00 | ng    | -0.02    |

|                             |       |     |         |       |    |       |
|-----------------------------|-------|-----|---------|-------|----|-------|
| System Monitoring Compounds |       |     |         |       |    |       |
| 5) 2-Fluorophenol           | 5.71  | 112 | 342355  | 92.62 | ng | 0.00  |
| 7) Phenol-d6                | 7.31  | 99  | 464949  | 89.62 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 9.32  | 82  | 259199  | 57.97 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol    | 16.25 | 330 | 254316  | 98.42 | ng | 0.00  |
| 44) 2-Fluorobiphenyl        | 13.39 | 172 | 781324  | 57.26 | ng | 0.00  |
| 78) Terphenyl-d14           | 20.10 | 244 | 1365952 | 56.54 | ng | 0.00  |

|                                |       |     |        |        |    |      |
|--------------------------------|-------|-----|--------|--------|----|------|
| Target Compounds               |       |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.57  | 88  | 40422  | 26.954 | ng | # 84 |
| 3) Pyridine                    | 3.97  | 79  | 110096 | 25.210 | ng | # 87 |
| 4) n-Nitrosodimethylamine      | 3.89  | 42  | 50896  | 24.932 | ng | # 88 |
| 6) Aniline                     | 7.47  | 93  | 83433  | 12.987 | ng | 92   |
| 8) 2-Chlorophenol              | 7.72  | 128 | 119123 | 28.117 | ng | 90   |
| 9) Benzaldehyde                | 7.28  | 77  | 52907  | 20.275 | ng | 93   |
| 10) Phenol                     | 7.34  | 94  | 161593 | 28.891 | ng | 91   |
| 11) bis(2-Chloroethyl)ether    | 7.56  | 93  | 105990 | 26.009 | ng | 92   |
| 12) 1,3-Dichlorobenzene        | 8.04  | 146 | 122926 | 25.844 | ng | 95   |
| 13) 1,4-Dichlorobenzene        | 8.19  | 146 | 125285 | 25.799 | ng | 93   |
| 14) 1,2-Dichlorobenzene        | 8.51  | 146 | 119628 | 25.539 | ng | 96   |
| 15) Benzyl Alcohol             | 8.39  | 79  | 103731 | 28.372 | ng | 87   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.68  | 45  | 171197 | 24.737 | ng | 93   |
| 17) 2-Methylphenol             | 8.59  | 107 | 107994 | 29.065 | ng | 96   |
| 18) Hexachloroethane           | 9.24  | 117 | 43164  | 26.082 | ng | 93   |
| 19) n-Nitroso-di-n-propylamine | 8.95  | 70  | 89323  | 25.321 | ng | # 97 |
| 20) 3+4-Methylphenols          | 8.92  | 107 | 152033 | 29.040 | ng | 95   |
| 22) Acetophenone               | 8.97  | 105 | 171793 | 25.087 | ng | # 92 |
| 24) Nitrobenzene               | 9.36  | 77  | 130858 | 26.028 | ng | 92   |
| 25) Isophorone                 | 9.88  | 82  | 250752 | 26.862 | ng | # 93 |
| 26) 2-Nitrophenol              | 10.07 | 139 | 66322  | 27.601 | ng | 91   |
| 27) 2,4-Dimethylphenol         | 10.13 | 122 | 123441 | 28.394 | ng | 90   |
| 28) bis(2-Chloroethoxy)methane | 10.36 | 93  | 159177 | 27.809 | ng | 97   |
| 29) 2,4-Dichlorophenol         | 10.61 | 162 | 138820 | 29.944 | ng | 93   |
| 30) 1,2,4-Trichlorobenzene     | 10.83 | 180 | 138360 | 27.625 | ng | 98   |
| 31) Naphthalene                | 11.02 | 128 | 377374 | 26.648 | ng | 98   |
| 32) Benzoic acid               | 10.24 | 122 | 71773  | 19.717 | ng | # 84 |
| 33) 4-Chloroaniline            | 11.13 | 127 | 71285  | 11.967 | ng | 94   |
| 34) Hexachlorobutadiene        | 11.30 | 225 | 82586  | 26.520 | ng | 98   |
| 35) Caprolactam                | 11.87 | 113 | 30491  | 19.790 | ng | # 72 |
| 36) 4-Chloro-3-methylphenol    | 12.23 | 107 | 145114 | 28.460 | ng | # 90 |
| 37) 2-Methylnaphthalene        | 12.61 | 142 | 304313 | 29.484 | ng | 93   |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.98 | 216 | 172624 | 23.624 | ng | 98   |
| 40) Hexachlorocyclopentadiene  | 12.95 | 237 | 180415 | 66.040 | ng | 93   |

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 ALS Vial : 13 Sample Multiplier: 1

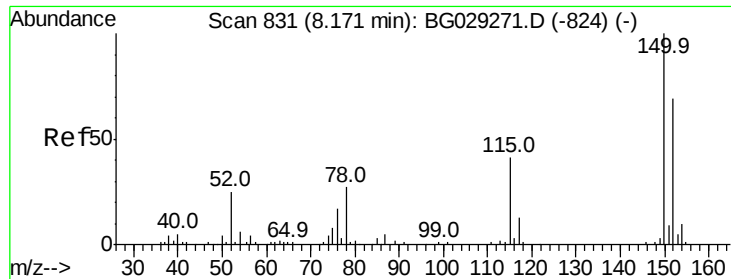
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Nov 03 00:56:22 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.21 | 196  | 122896   | 26.792 | ng    | 100      |
| 43) 2,4,5-Trichlorophenol      | 13.29 | 196  | 139001   | 29.507 | ng    | 94       |
| 45) 1,1'-Biphenyl              | 13.60 | 154  | 418758   | 24.343 | ng    | 97       |
| 46) 2-Chloronaphthalene        | 13.65 | 162  | 327105   | 26.069 | ng    | 97       |
| 47) 2-Nitroaniline             | 13.85 | 65   | 97830    | 28.385 | ng    | # 81     |
| 48) Acenaphthylene             | 14.50 | 152  | 530619   | 27.020 | ng    | 99       |
| 49) Dimethylphthalate          | 14.22 | 163  | 438520   | 28.082 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.34 | 165  | 99385    | 30.361 | ng    | # 76     |
| 51) Acenaphthene               | 14.83 | 154  | 325452   | 25.471 | ng    | 98       |
| 52) 3-Nitroaniline             | 14.67 | 138  | 59570    | 16.864 | ng    | # 82     |
| 53) 2,4-Dinitrophenol          | 14.88 | 184  | 102937   | 59.003 | ng    | # 47     |
| 54) Dibenzofuran               | 15.17 | 168  | 536265   | 29.400 | ng    | 99       |
| 55) 4-Nitrophenol              | 14.97 | 139  | 165801   | 56.935 | ng    | # 81     |
| 56) 2,4-Dinitrotoluene         | 15.13 | 165  | 145267   | 32.782 | ng    | # 74     |
| 57) Fluorene                   | 15.81 | 166  | 431950   | 28.666 | ng    | 97       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.39 | 232  | 136325   | 34.686 | ng    | 92       |
| 59) Diethylphthalate           | 15.57 | 149  | 445236   | 28.610 | ng    | 98       |
| 60) 4-Chlorophenyl-phenylether | 15.80 | 204  | 240294   | 29.910 | ng    | 96       |
| 61) 4-Nitroaniline             | 15.83 | 138  | 103535   | 28.545 | ng    | 87       |
| 62) Azobenzene                 | 16.09 | 77   | 387964   | 29.563 | ng    | 95       |
| 64) 4,6-Dinitro-2-methylphenol | 15.89 | 198  | 71797    | 27.292 | ng    | 79       |
| 65) n-Nitrosodiphenylamine     | 16.01 | 169  | 395593   | 26.029 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.69 | 248  | 160159   | 27.510 | ng    | 97       |
| 67) Hexachlorobenzene          | 16.82 | 284  | 175885   | 26.671 | ng    | 94       |
| 68) Atrazine                   | 16.95 | 200  | 156916   | 28.935 | ng    | 98       |
| 69) Pentachlorophenol          | 17.16 | 266  | 194620   | 51.374 | ng    | 98       |
| 70) Phenanthrene               | 17.55 | 178  | 736669   | 28.106 | ng    | 99       |
| 71) Anthracene                 | 17.64 | 178  | 745425   | 28.323 | ng    | 98       |
| 72) Carbazole                  | 17.91 | 167  | 694624   | 27.475 | ng    | 100      |
| 73) Di-n-butylphthalate        | 18.45 | 149  | 796090   | 27.378 | ng    | 100      |
| 74) Fluoranthene               | 19.55 | 202  | 917218   | 29.919 | ng    | 99       |
| 76) Benzidine                  | 19.72 | 184  | 286535   | 17.266 | ng    | 99       |
| 77) Pyrene                     | 19.91 | 202  | 943025   | 28.284 | ng    | 98       |
| 79) Butylbenzylphthalate       | 20.78 | 149  | 372799   | 26.245 | ng    | 88       |
| 80) Benzo(a)anthracene         | 21.76 | 228  | 935008   | 28.975 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.67 | 252  | 191927   | 14.410 | ng    | 100      |
| 82) Chrysene                   | 21.82 | 228  | 876398   | 28.359 | ng    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 21.64 | 149  | 529460   | 25.972 | ng    | 99       |
| 84) Di-n-octyl phthalate       | 22.88 | 149  | 899578   | 25.320 | ng    | # 95     |
| 85) Indeno(1,2,3-cd)pyrene     | 28.85 | 276  | 1079954  | 28.405 | ng    | 97       |
| 87) Benzo(b)fluoranthene       | 24.03 | 252  | 931860   | 28.720 | ng    | 99       |
| 88) Benzo(k)fluoranthene       | 24.10 | 252  | 923474   | 28.568 | ng    | 99       |
| 89) Benzo(a)pyrene             | 24.92 | 252  | 902727   | 28.941 | ng    | 98       |
| 90) Dibenzo(a,h)anthracene     | 28.92 | 278  | 903814   | 28.621 | ng    | 97       |
| 91) Benzo(g,h,i)perylene       | 30.04 | 276  | 902321   | 30.752 | ng    | 97       |

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



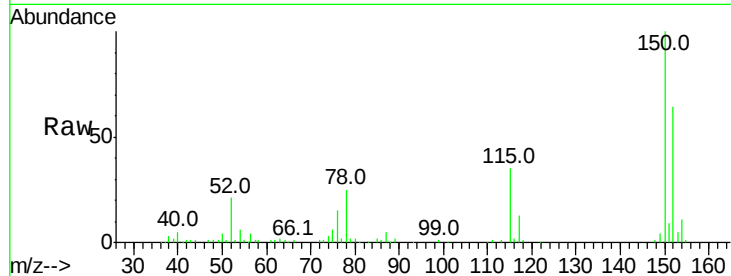


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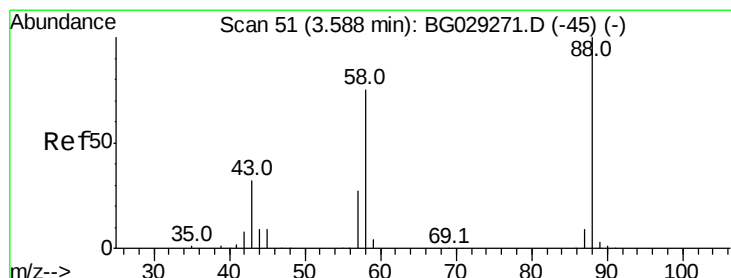
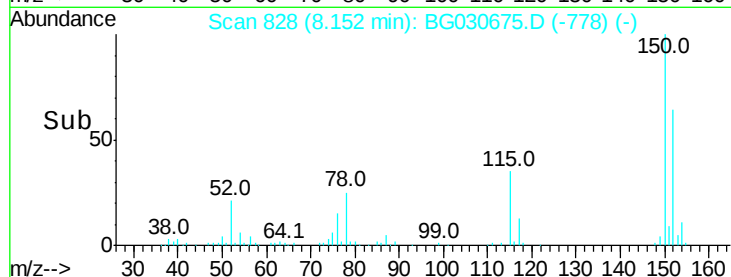
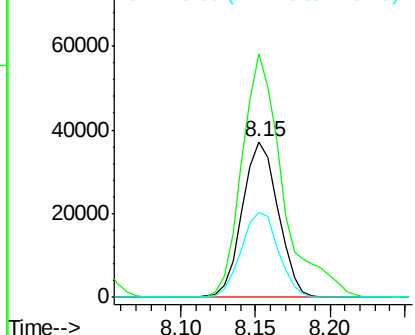
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.15 min Scan# 828  
Delta R.T. -0.01 min  
Lab File: BG030675.D  
Acq: 2 Nov 2017 23:09

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:152 Resp: 61746  
Ion Ratio Lower Upper  
152 100  
150 156.3 126.6 189.8  
115 54.4 53.0 79.4



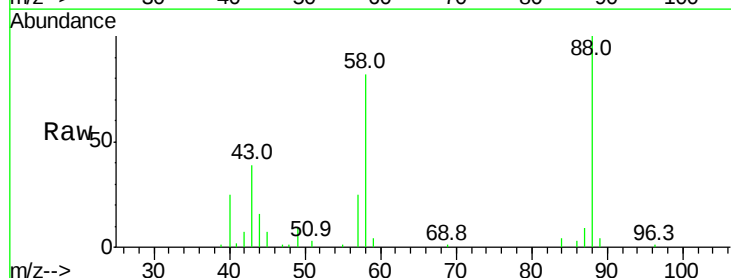
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



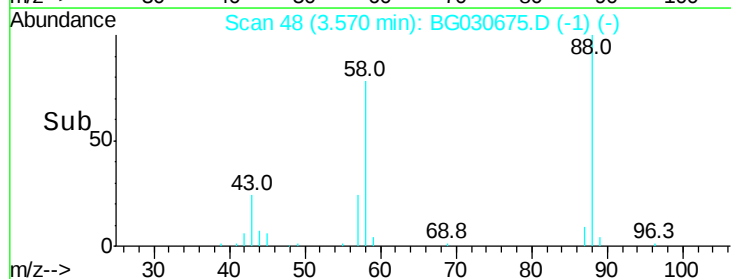
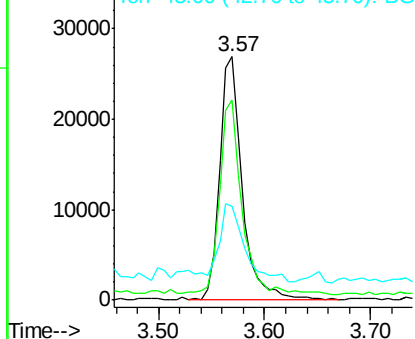
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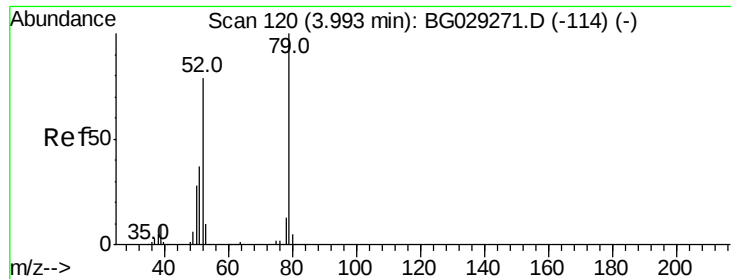
1,4-Dioxane  
Concen: 26.954 ng  
RT: 3.57 min Scan# 48  
Delta R.T. -0.01 min  
Lab File: BG030675.D  
Acq: 2 Nov 2017 23:09

Tgt Ion: 88 Resp: 40422  
Ion Ratio Lower Upper  
88 100  
58 79.3 79.6 119.4#  
43 36.7 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: 25.210 ng

RT: 3.97 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG030675.D

Acq: 2 Nov 2017 23:09

Instrument :

BNA\_G

ClientSampleId :

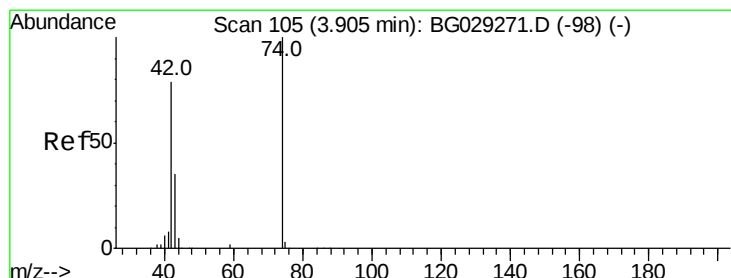
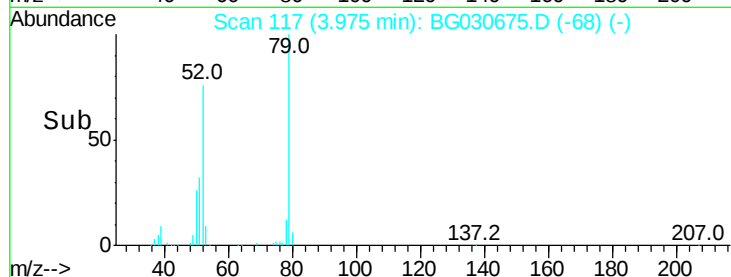
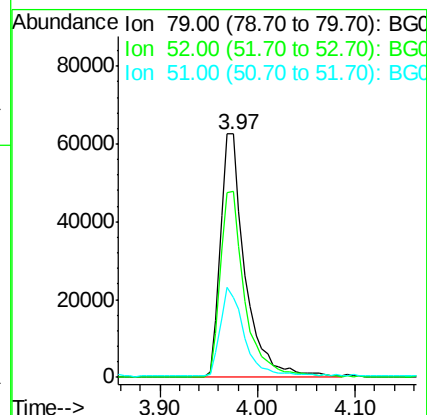
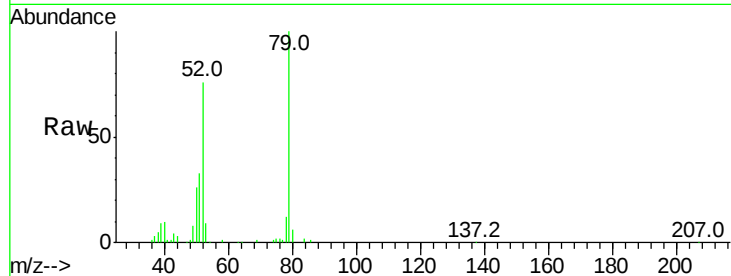
Tot Ion: 79 Resp: 110096

Ion Ratio Lower Upper

79 100

52 76.3 69.9 104.9

51 32.9 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 24.932 ng

RT: 3.89 min Scan# 102

Delta R.T. -0.01 min

Lab File: BG030675.D

Acq: 2 Nov 2017 23:09

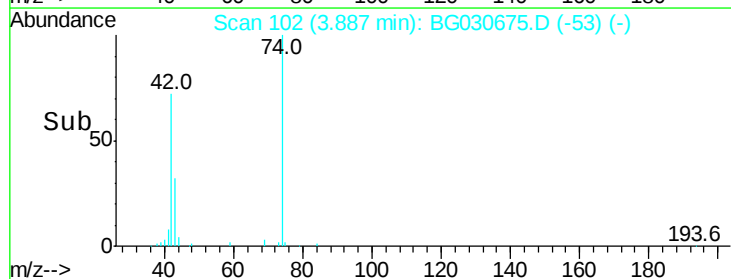
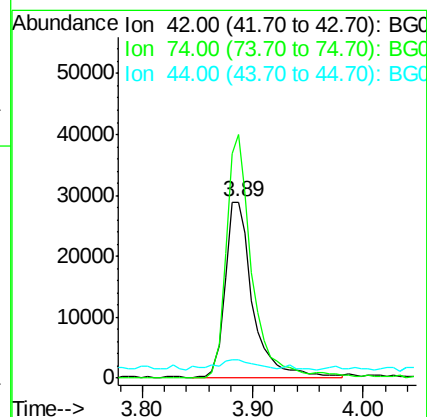
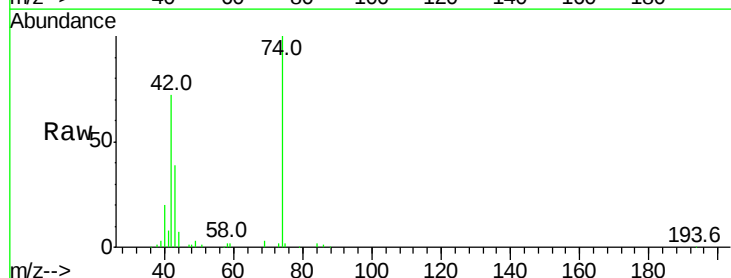
Tgt Ion: 42 Resp: 50896

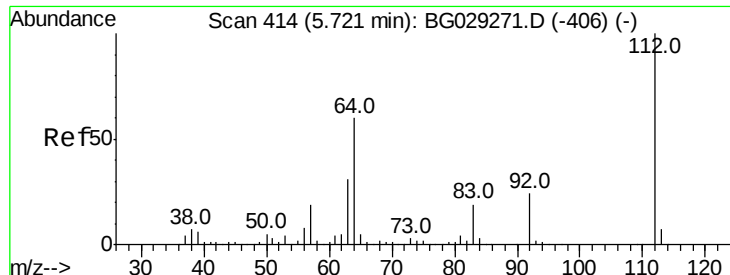
Ion Ratio Lower Upper

42 100

74 138.1 102.5 153.7

44 10.2 18.9 28.3#





#5

2-Fluorophenol

Concen: 92.625 ng

RT: 5.71 min Scan# 412

Delta R.T. -0.01 min

Lab File: BG030675.D

Acq: 2 Nov 2017 23:09

Instrument :

BNA\_G

ClientSampleId :

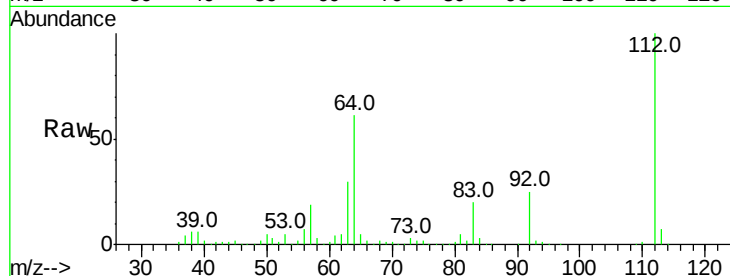
Tot Ion:112 Resp: 342355

Ion Ratio Lower Upper

112 100

64 61.3 56.3 84.5

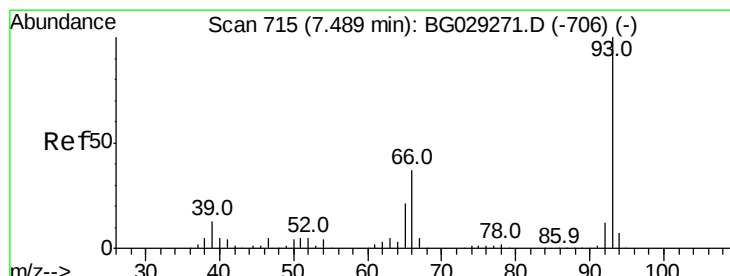
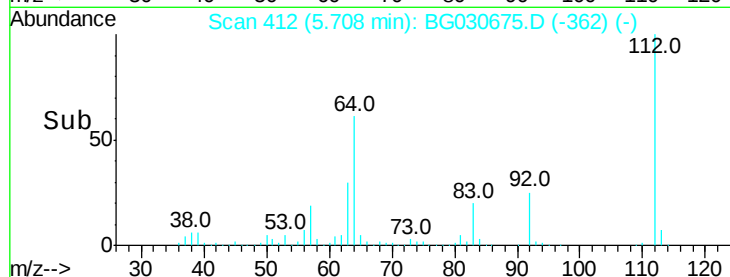
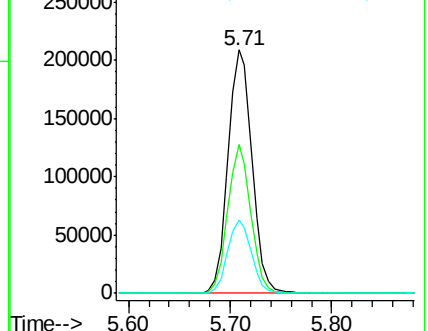
63 30.3 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 12.987 ng

RT: 7.47 min Scan# 712

Delta R.T. -0.01 min

Lab File: BG030675.D

Acq: 2 Nov 2017 23:09

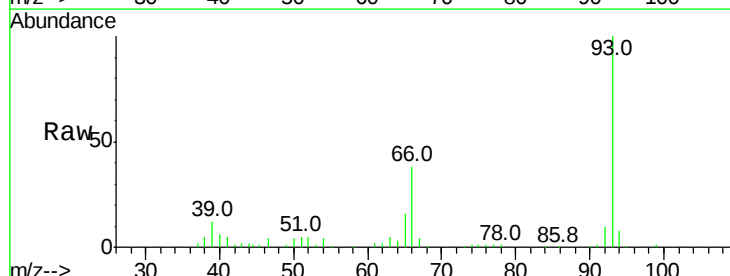
Tgt Ion: 93 Resp: 83433

Ion Ratio Lower Upper

93 100

66 37.6 33.7 50.5

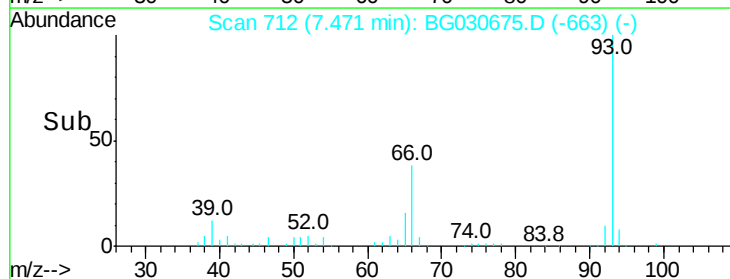
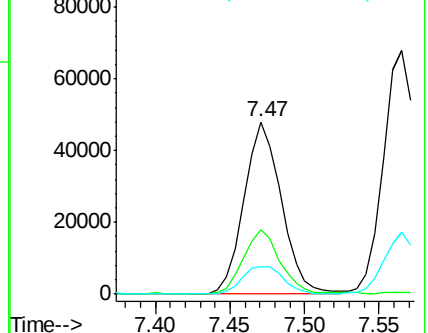
65 16.2 16.1 24.1

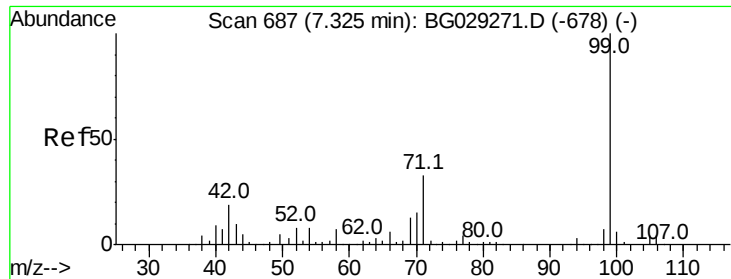


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 89.618 ng

RT: 7.31 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG030675.D

Acq: 2 Nov 2017 23:09

Instrument :

BNA\_G

ClientSampleId :

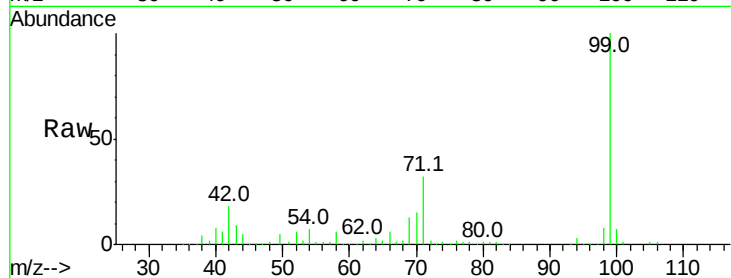
Tot Ion: 99 Resp: 464949

Ion Ratio Lower Upper

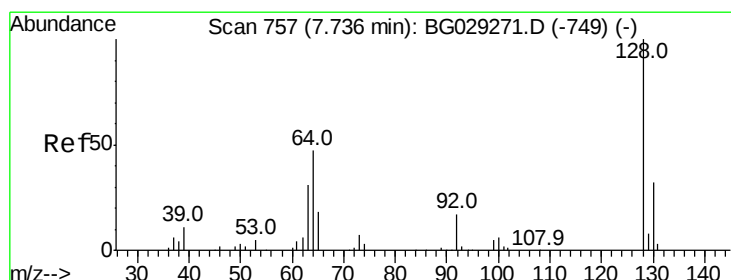
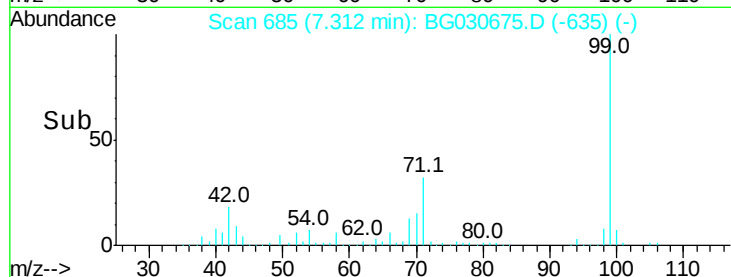
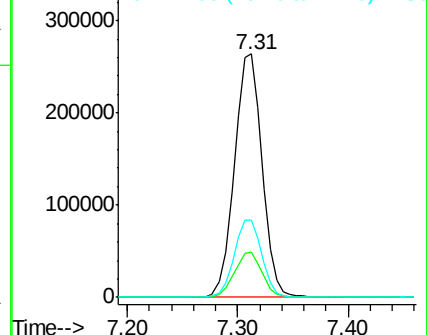
99 100

42 18.5 14.1 21.1

71 31.8 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: 28.117 ng

RT: 7.72 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG030675.D

Acq: 2 Nov 2017 23:09

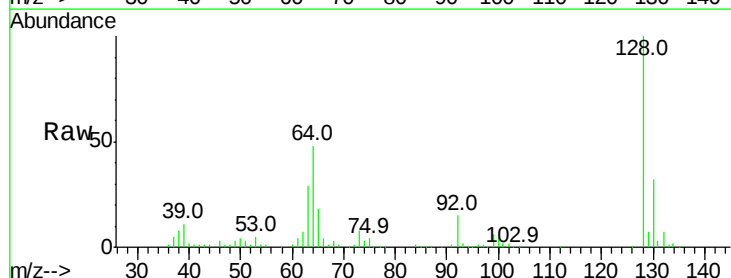
Tgt Ion: 128 Resp: 119123

Ion Ratio Lower Upper

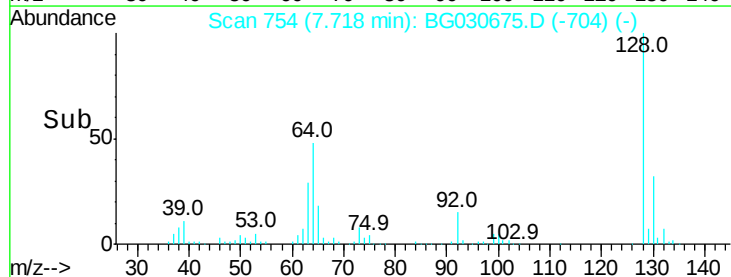
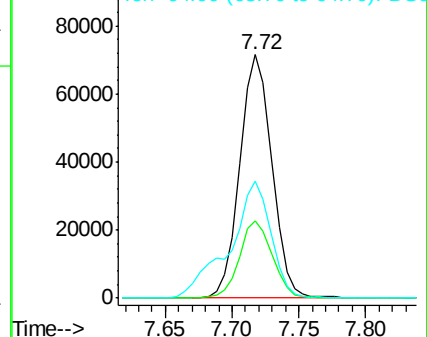
128 100

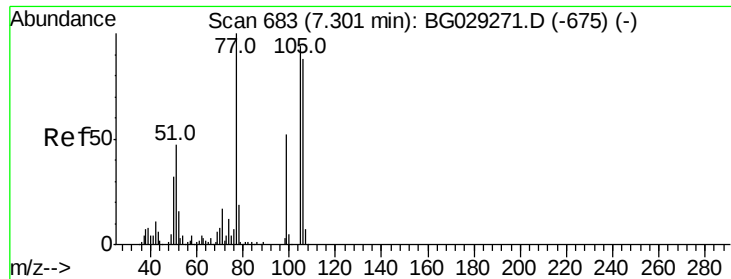
130 32.0 14.0 54.0

64 48.0 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: 20.275 ng

RT: 7.28 min Scan# 680

Delta R.T. -0.01 min

Lab File: BG030675.D

Acq: 2 Nov 2017 23:09

Instrument :

BNA\_G

ClientSampleId :

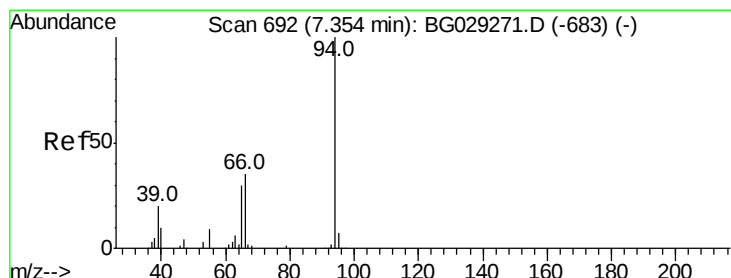
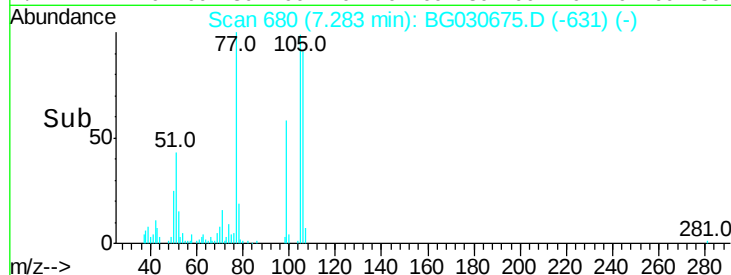
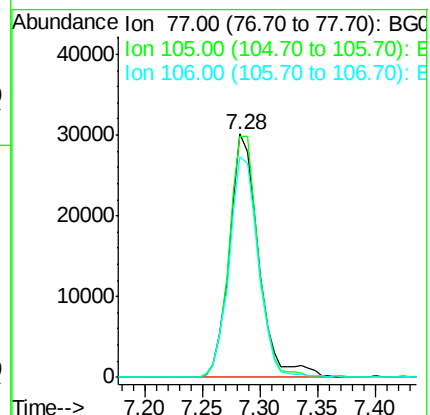
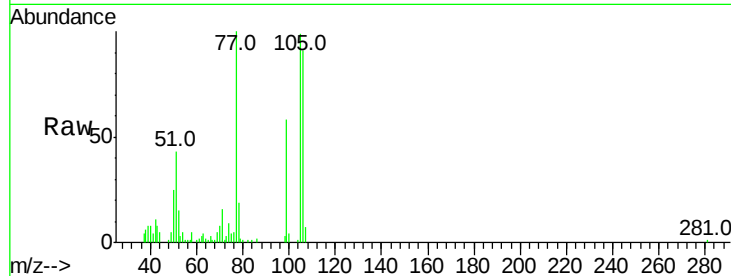
Tot Ion: 77 Resp: 52907

Ion Ratio Lower Upper

77 100

105 98.8 71.3 111.3

106 90.5 64.2 104.2



#10

Phenol

Concen: 28.891 ng

RT: 7.34 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG030675.D

Acq: 2 Nov 2017 23:09

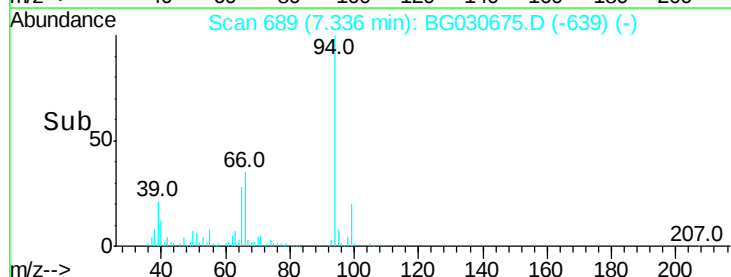
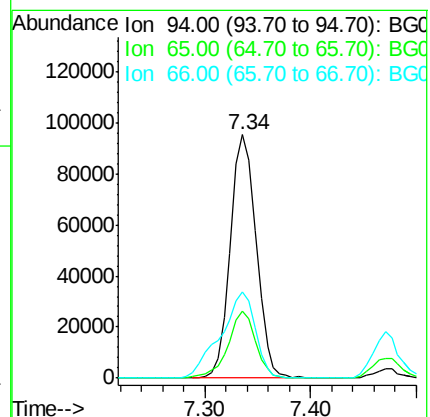
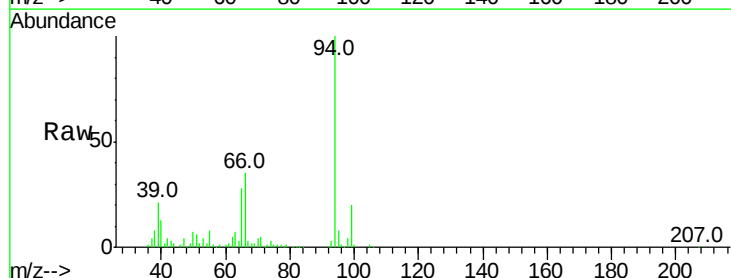
Tgt Ion: 94 Resp: 161593

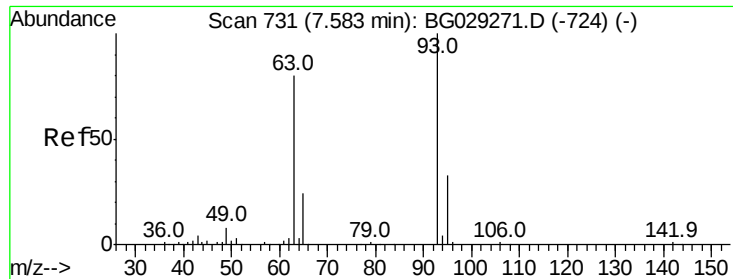
Ion Ratio Lower Upper

94 100

65 27.7 11.9 51.9

66 35.5 22.2 62.2

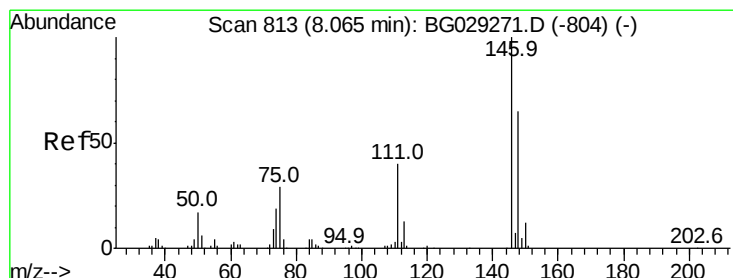
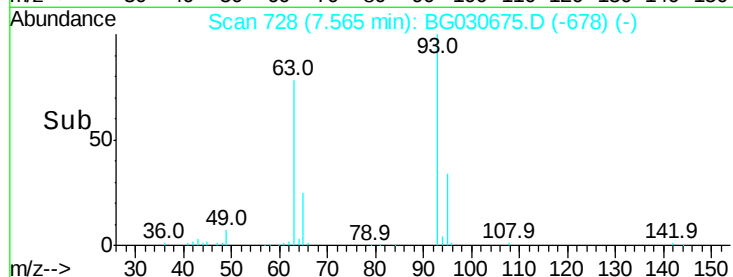
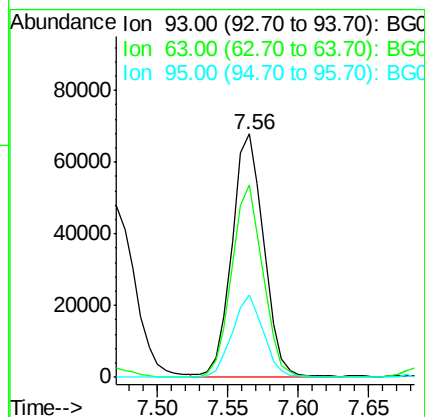
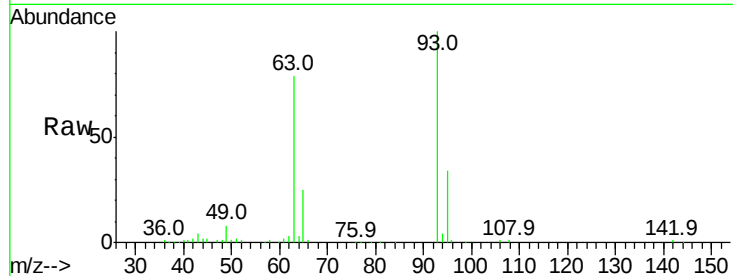




#11  
bis(2-Chloroethyl)ether  
Concen: 26.009 ng  
RT: 7.56 min Scan# 728  
Delta R.T. -0.01 min  
Lab File: BG030675.D  
Acq: 2 Nov 2017 23:09

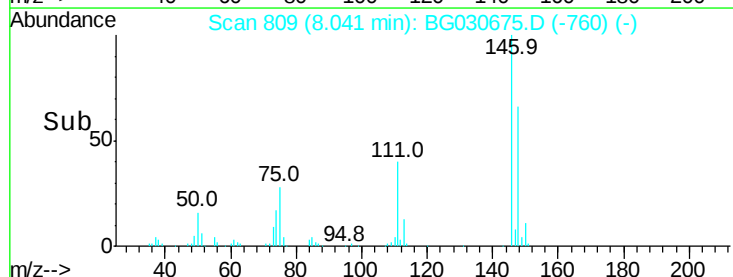
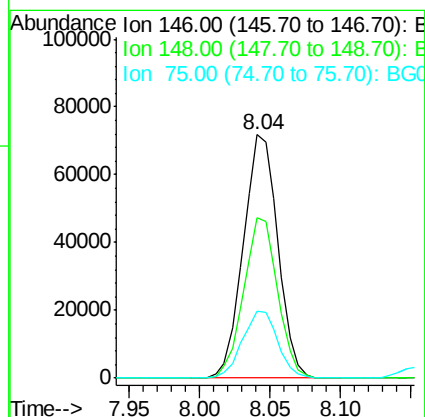
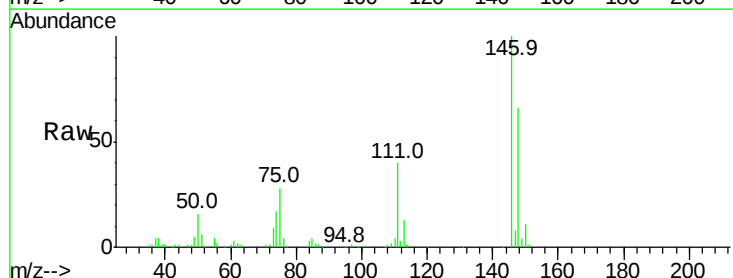
Instrument :  
BNA\_G  
ClientSampled :

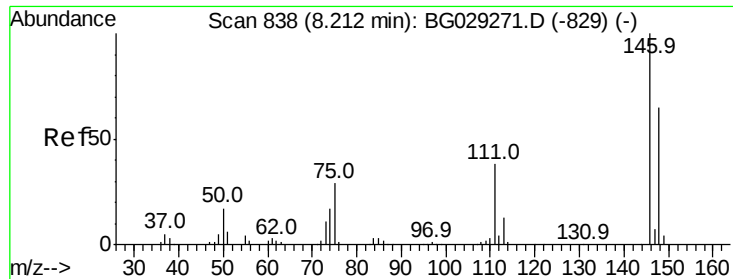
Tot Ion: 93 Resp: 105990  
Ion Ratio Lower Upper  
93 100  
63 78.8 67.1 107.1  
95 33.9 11.5 51.5



#12  
1,3-Dichlorobenzene  
Concen: 25.844 ng  
RT: 8.04 min Scan# 809  
Delta R.T. -0.01 min  
Lab File: BG030675.D  
Acq: 2 Nov 2017 23:09

Tgt Ion: 146 Resp: 122926  
Ion Ratio Lower Upper  
146 100  
148 66.0 51.4 77.2  
75 27.8 26.6 39.8

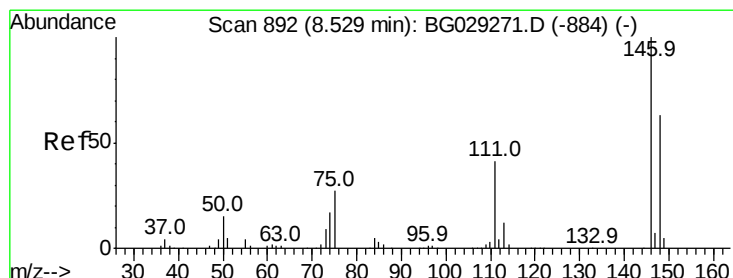
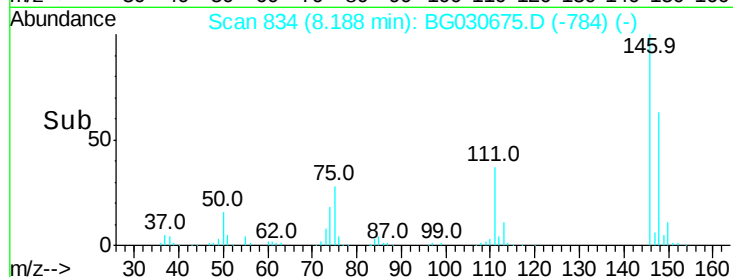
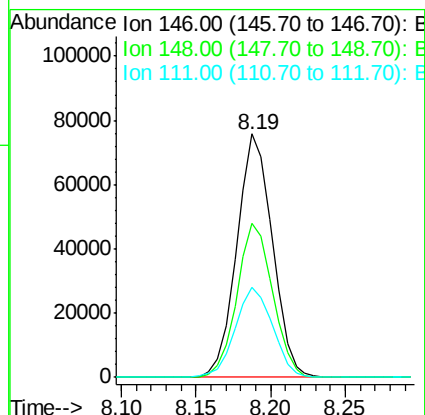
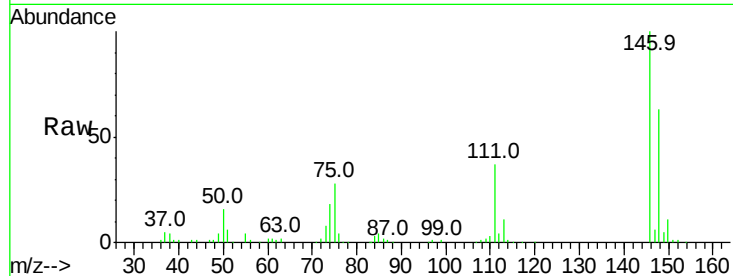




#13  
 1,4-Dichlorobenzene  
 Concen: 25.799 ng  
 RT: 8.19 min Scan# 834  
 Delta R.T. -0.01 min  
 Lab File: BG030675.D  
 Acq: 2 Nov 2017 23:09

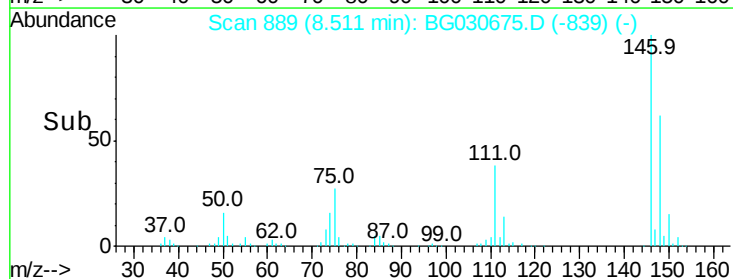
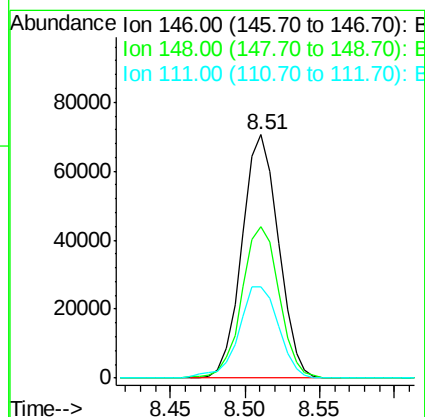
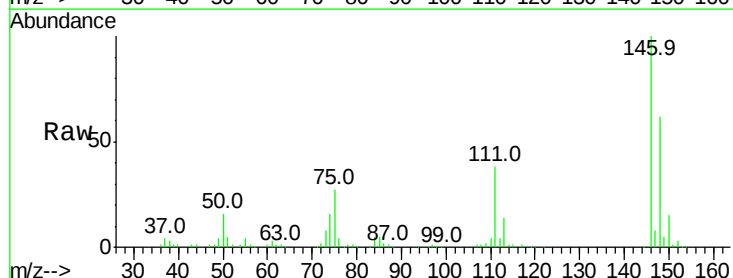
Instrument :  
 BNA\_G  
 ClientSampled :

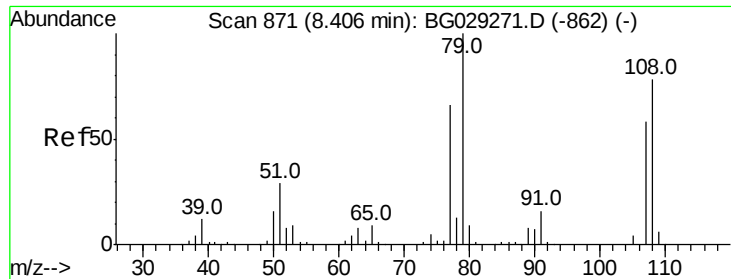
Tot Ion:146 Resp: 125285  
 Ion Ratio Lower Upper  
 146 100  
 148 63.4 53.7 80.5  
 111 37.2 35.2 52.8



#14  
 1,2-Dichlorobenzene  
 Concen: 25.539 ng  
 RT: 8.51 min Scan# 889  
 Delta R.T. -0.01 min  
 Lab File: BG030675.D  
 Acq: 2 Nov 2017 23:09

Tgt Ion:146 Resp: 119628  
 Ion Ratio Lower Upper  
 146 100  
 148 62.1 49.3 73.9  
 111 37.7 34.3 51.5

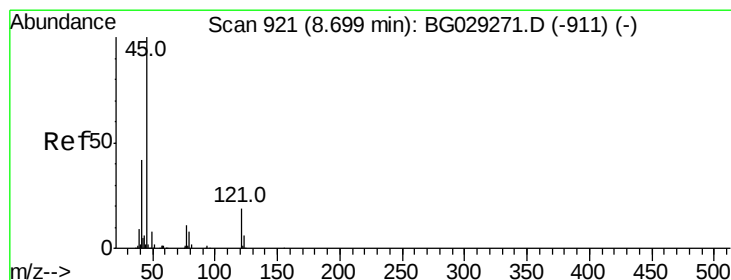
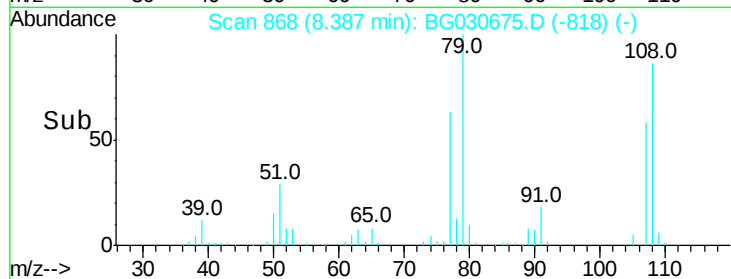
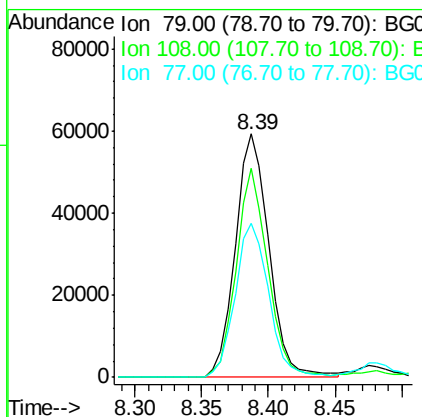
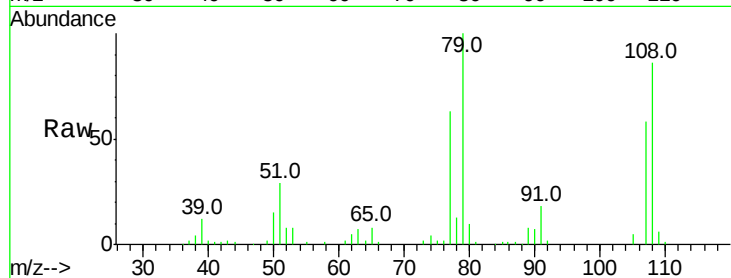




#15  
Benzyl Alcohol  
Concen: 28.372 ng  
RT: 8.39 min Scan# 868  
Delta R.T. -0.01 min  
Lab File: BG030675.D  
Acq: 2 Nov 2017 23:09

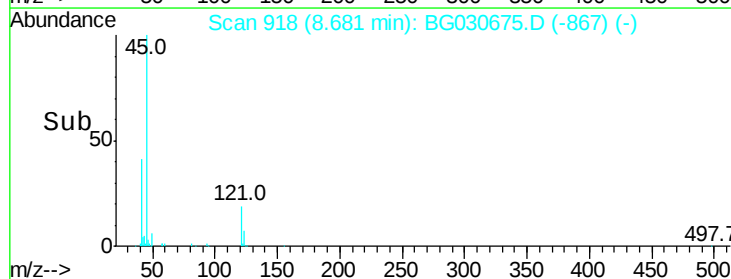
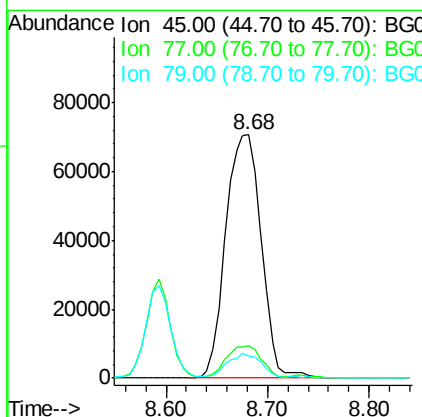
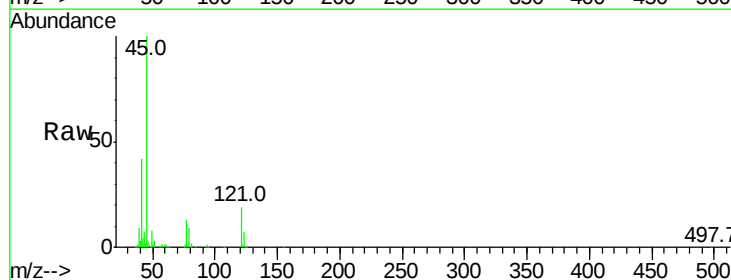
Instrument :  
BNA\_G  
ClientSampled :

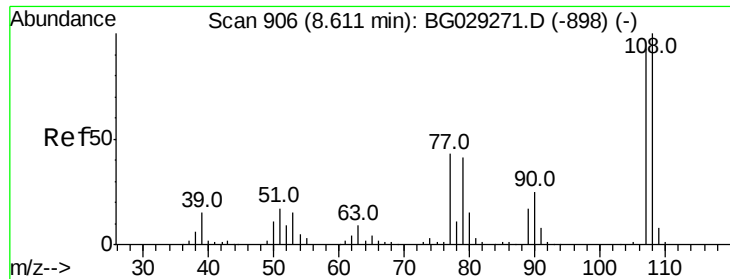
Tot Ion: 79 Resp: 103731  
Ion Ratio Lower Upper  
79 100  
108 85.7 57.2 85.8  
77 63.3 46.1 69.1



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 24.737 ng  
RT: 8.68 min Scan# 918  
Delta R.T. 0.00 min  
Lab File: BG030675.D  
Acq: 2 Nov 2017 23:09

Tgt Ion: 45 Resp: 171197  
Ion Ratio Lower Upper  
45 100  
77 13.5 0.0 30.2  
79 9.3 0.0 27.9

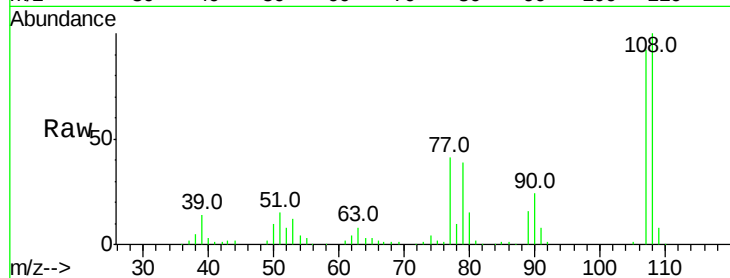




#17  
2-Methylphenol  
Concen: 29.065 ng  
RT: 8.59 min Scan# 903  
Delta R.T. -0.01 min  
Lab File: BG030675.D  
Acq: 2 Nov 2017 23:09

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 109.2 | 83.9  | 125.9 |
| 77      | 45.2  | 37.2  | 55.8  |
| 79      | 42.3  | 36.2  | 54.2  |



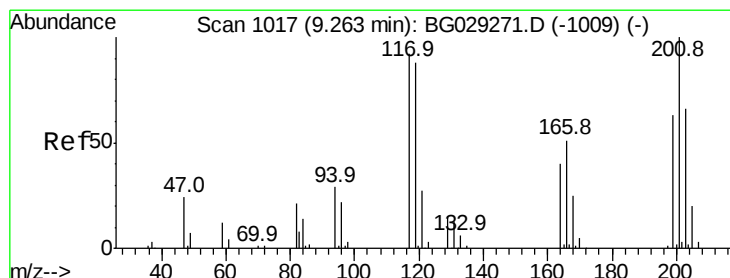
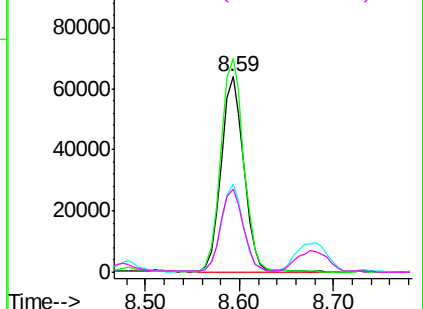
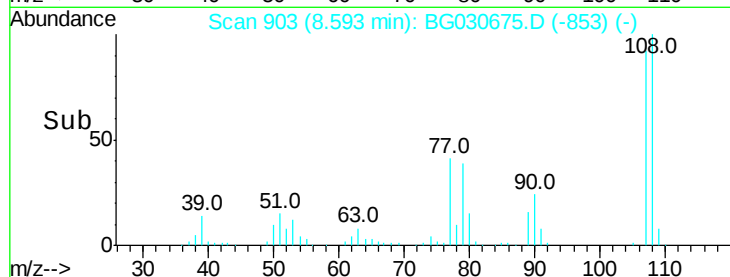
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

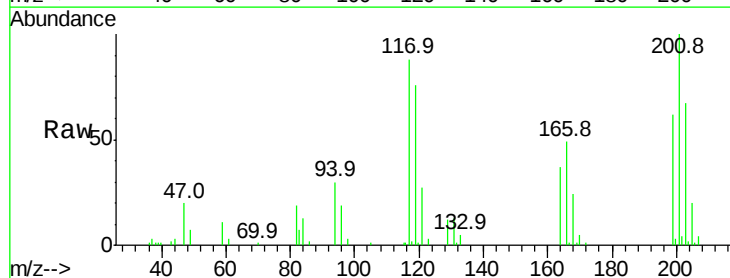
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18  
Hexachloroethane  
Concen: 26.082 ng  
RT: 9.24 min Scan# 1013  
Delta R.T. -0.01 min  
Lab File: BG030675.D  
Acq: 2 Nov 2017 23:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 87.2  | 76.7  | 115.1 |
| 201     | 114.2 | 95.7  | 143.5 |

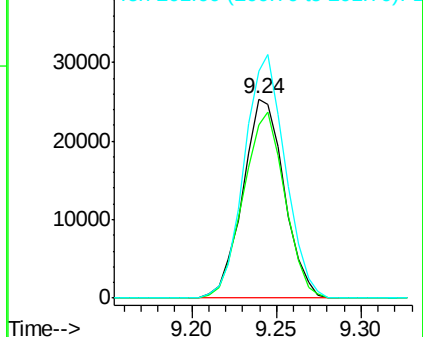
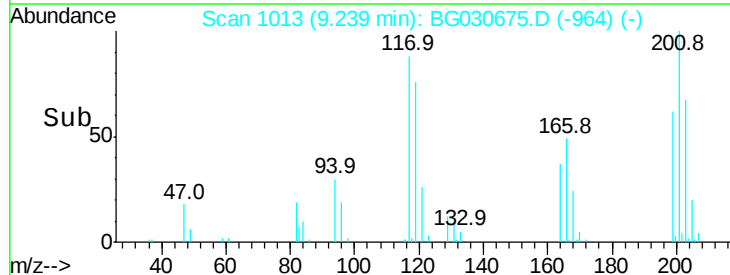


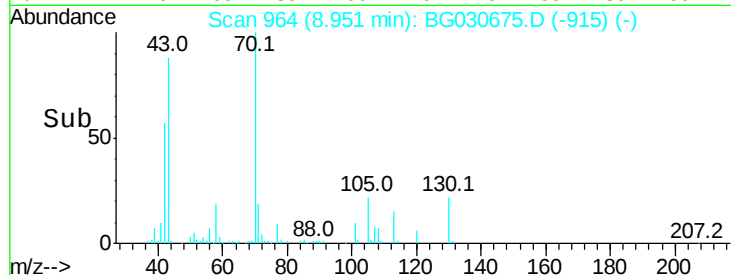
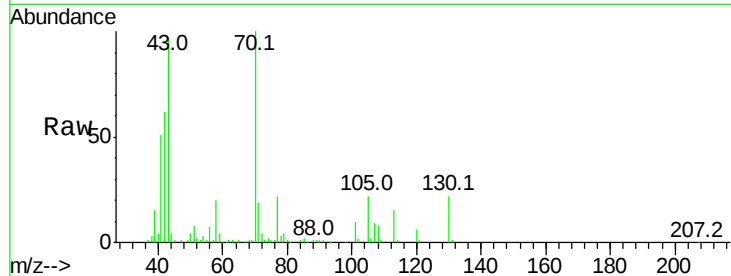
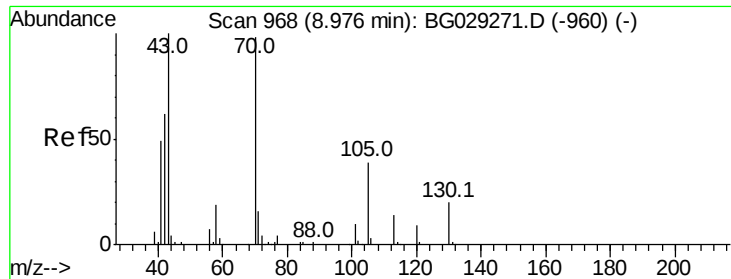
Abundance

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

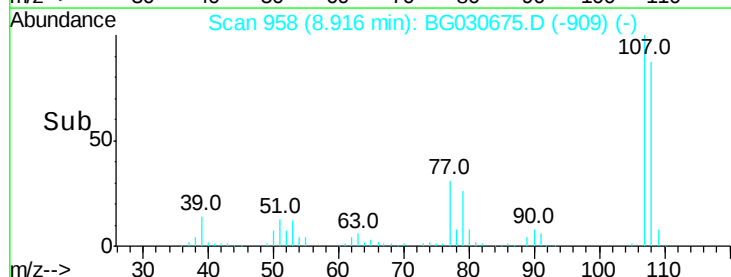
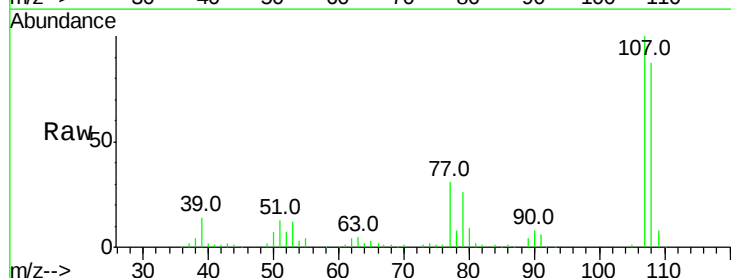
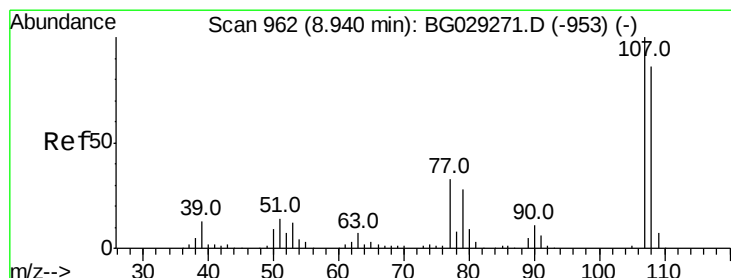
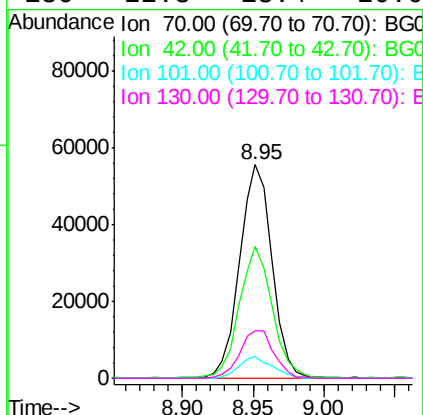




#19  
n-Nitroso-di-n-propylamine  
Concen: 25.321 ng  
RT: 8.95 min Scan# 964  
Delta R.T. -0.01 min  
Lab File: BG030675.D  
Acq: 2 Nov 2017 23:09

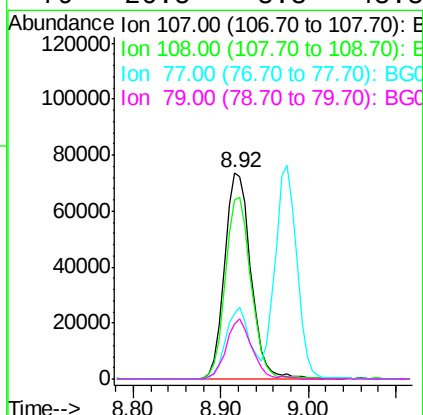
Instrument :  
BNA\_G  
ClientSampleId :

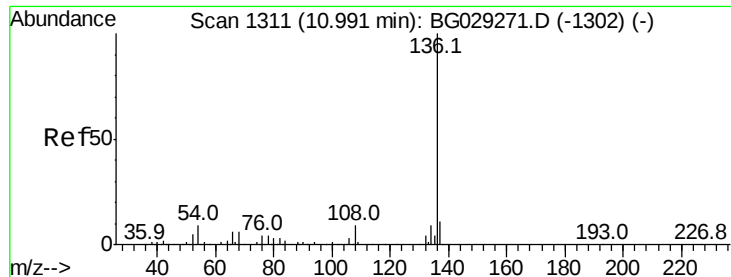
Tot Ion: 70 Resp: 89323  
Ion Ratio Lower Upper  
70 100  
42 61.5 49.1 73.7  
101 10.1 8.5 12.7  
130 22.3 13.4 20.0#



#20  
3+4-Methylphenols  
Concen: 29.040 ng  
RT: 8.92 min Scan# 958  
Delta R.T. -0.01 min  
Lab File: BG030675.D  
Acq: 2 Nov 2017 23:09

Tgt Ion: 107 Resp: 152033  
Ion Ratio Lower Upper  
107 100  
108 87.0 61.6 101.6  
77 31.4 13.9 53.9  
79 26.5 8.8 48.8

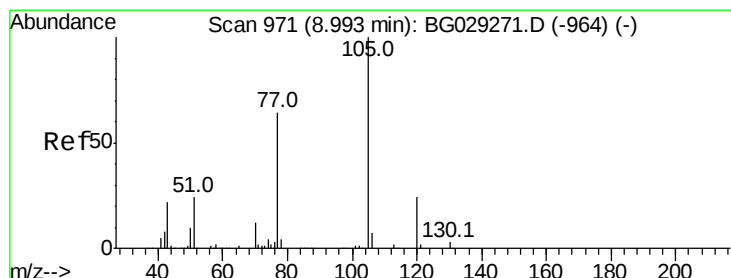
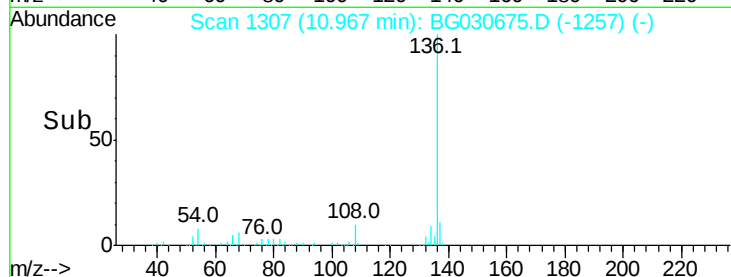
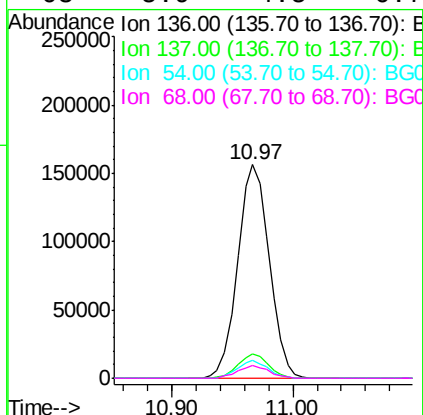
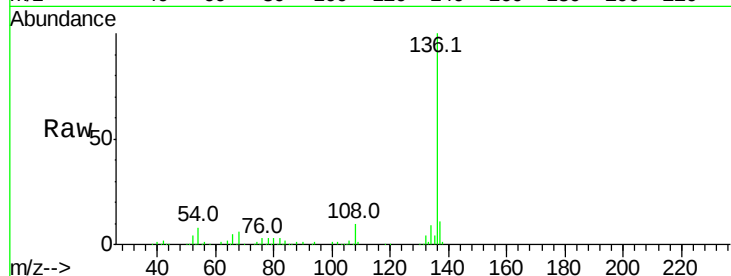




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.97 min Scan# 1307  
Delta R.T. -0.01 min  
Lab File: BG030675.D  
Acq: 2 Nov 2017 23:09

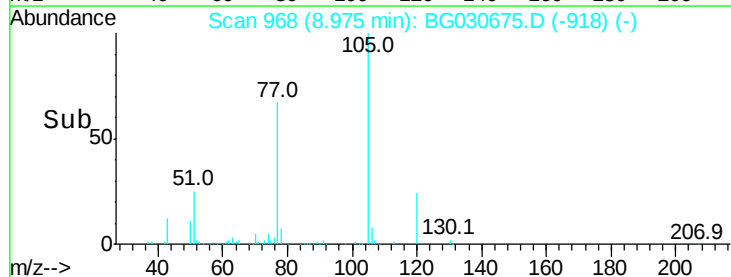
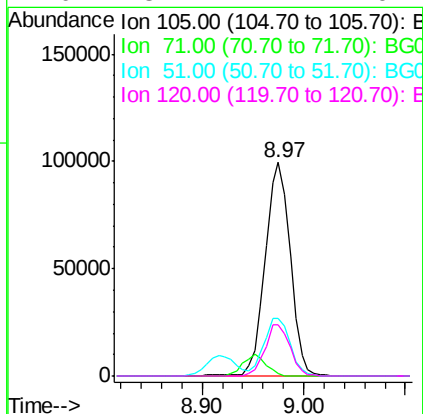
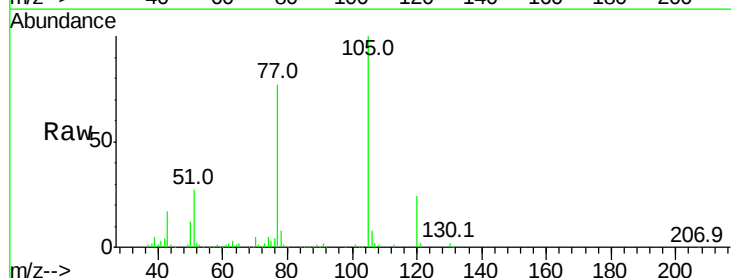
Instrument :  
BNA\_G  
ClientSampleId :

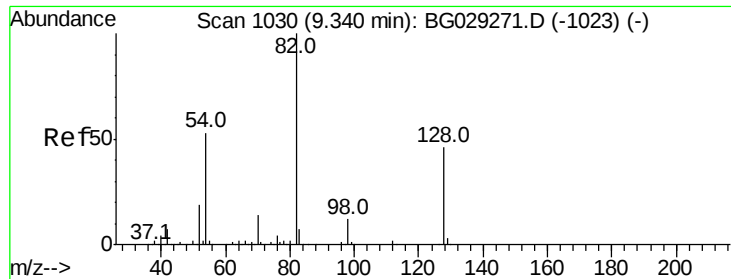
|             |       |            |
|-------------|-------|------------|
| Tot Ion:136 | Resp: | 284149     |
| Ion Ratio   | Lower | Upper      |
| 136         | 100   |            |
| 137         | 11.4  | 9.2 13.8   |
| 54          | 8.3   | 10.3 15.5# |
| 68          | 5.9   | 4.5 6.7    |



#22  
Acetophenone  
Concen: 25.087 ng  
RT: 8.97 min Scan# 968  
Delta R.T. -0.01 min  
Lab File: BG030675.D  
Acq: 2 Nov 2017 23:09

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 171793    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 1.1   | 3.0 4.4#  |
| 51          | 27.0  | 26.1 39.1 |
| 120         | 23.7  | 17.4 26.2 |

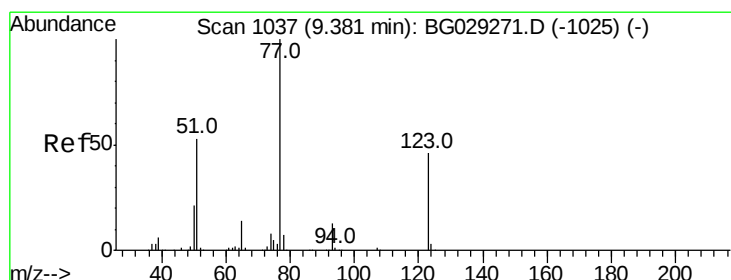
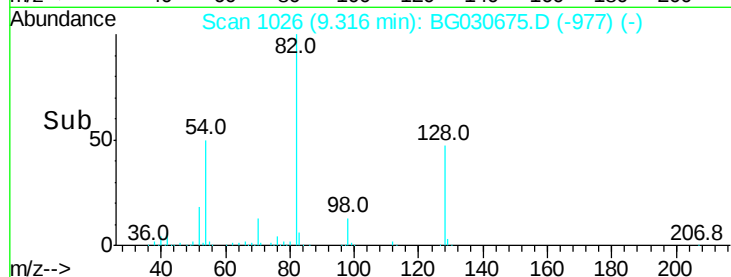
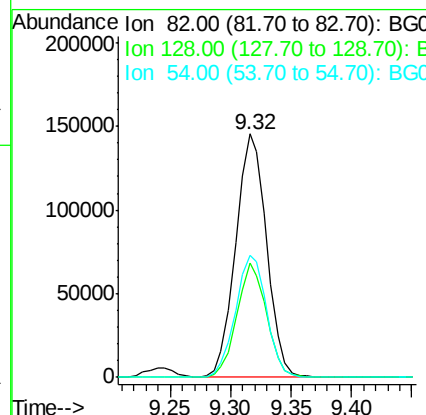
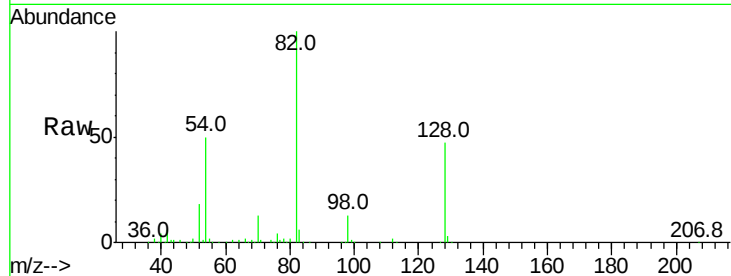




#23  
Nitrobenzene-d5  
Concen: 57.967 ng  
RT: 9.32 min Scan# 1026  
Delta R.T. -0.01 min  
Lab File: BG030675.D  
Acq: 2 Nov 2017 23:09

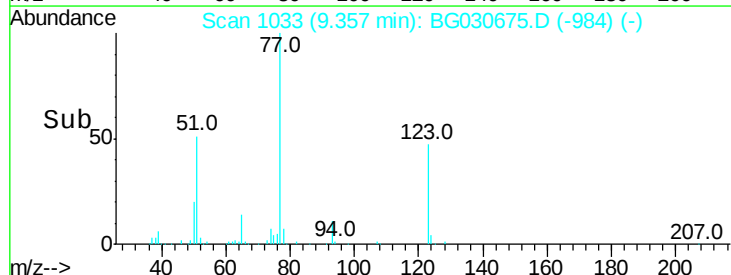
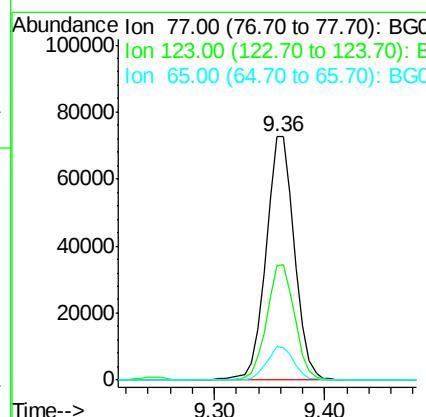
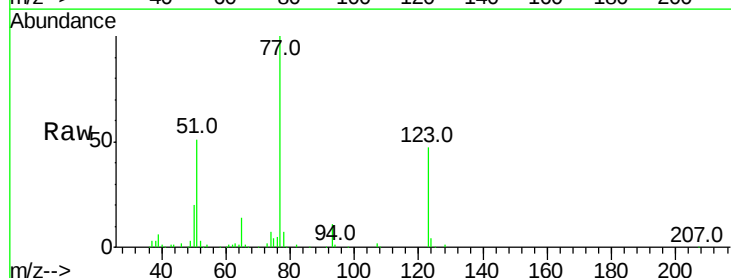
Instrument :  
BNA\_G  
ClientSampleId :

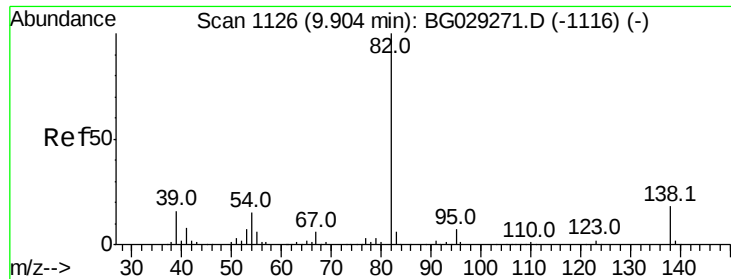
Tot Ion: 82 Resp: 259199  
Ion Ratio Lower Upper  
82 100  
128 46.8 29.7 44.5#  
54 50.0 43.1 64.7



#24  
Nitrobenzene  
Concen: 26.028 ng  
RT: 9.36 min Scan# 1033  
Delta R.T. -0.01 min  
Lab File: BG030675.D  
Acq: 2 Nov 2017 23:09

Tgt Ion: 77 Resp: 130858  
Ion Ratio Lower Upper  
77 100  
123 46.7 33.0 49.6  
65 14.1 13.0 19.6





#25

Isophorone

Concen: 26.862 ng

RT: 9.88 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BG030675.D

Acq: 2 Nov 2017 23:09

Instrument :

BNA\_G

ClientSampleId :

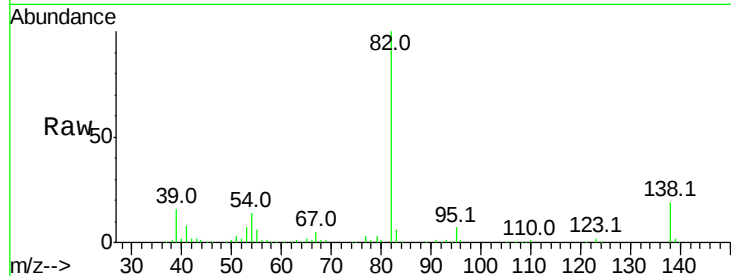
Tot Ion: 82 Resp: 250752

Ion Ratio Lower Upper

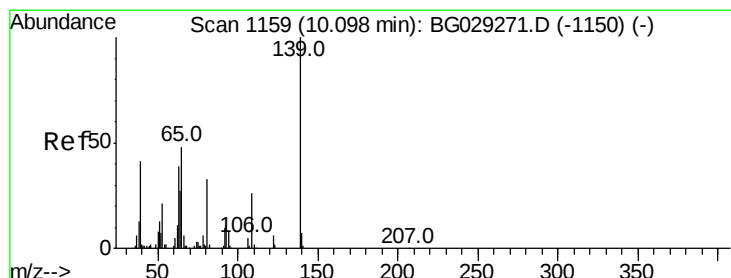
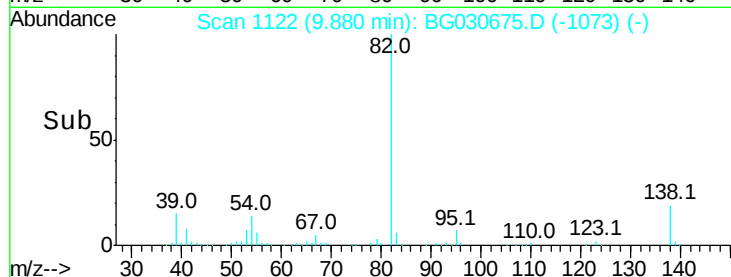
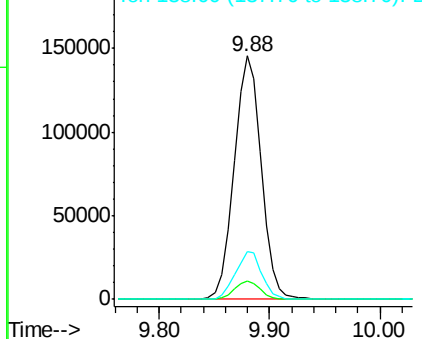
82 100

95 7.4 6.2 9.2

138 19.5 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: 27.601 ng

RT: 10.07 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BG030675.D

Acq: 2 Nov 2017 23:09

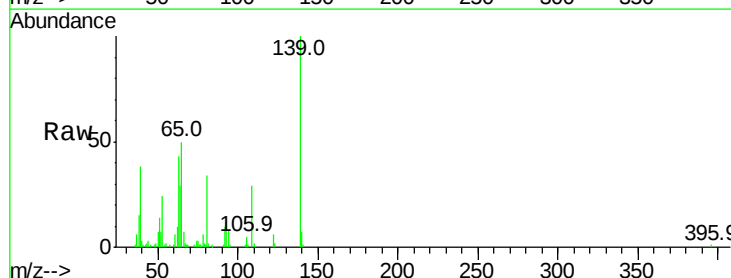
Tgt Ion: 139 Resp: 66322

Ion Ratio Lower Upper

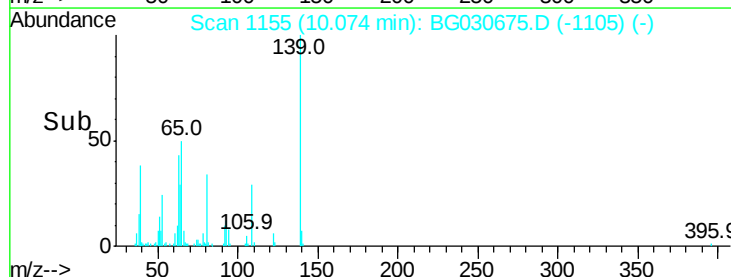
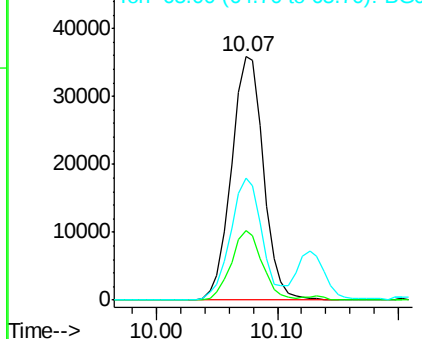
139 100

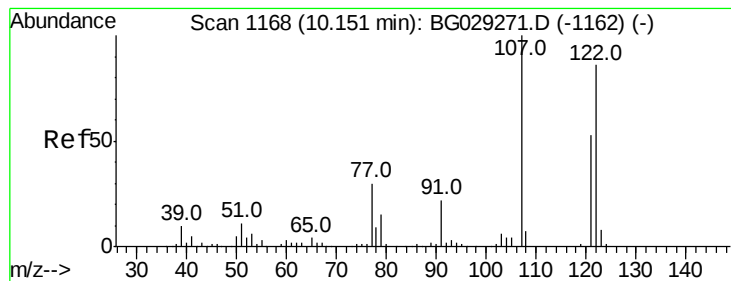
109 28.8 24.2 36.2

65 49.9 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

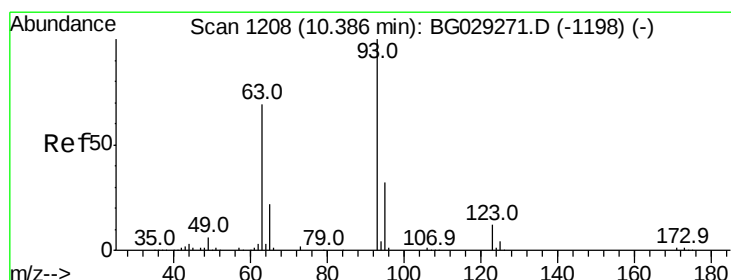
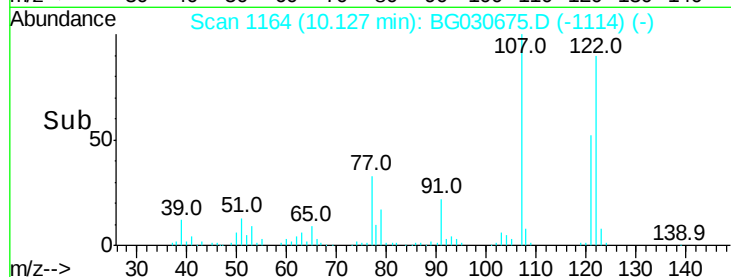
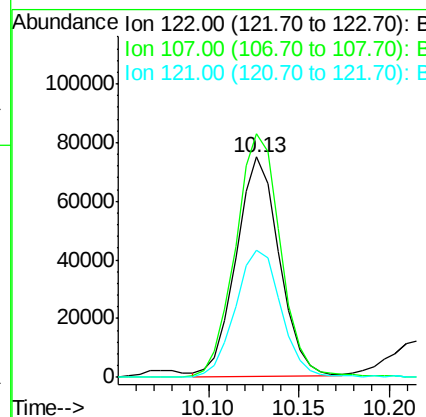
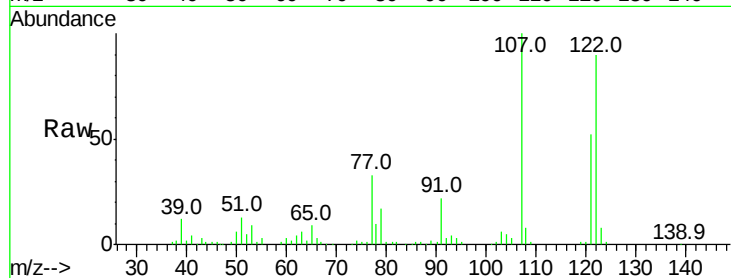




#27  
 2,4-Dimethylphenol  
 Concen: 28.394 ng  
 RT: 10.13 min Scan# 1164  
 Delta R.T. -0.01 min  
 Lab File: BG030675.D  
 Acq: 2 Nov 2017 23:09

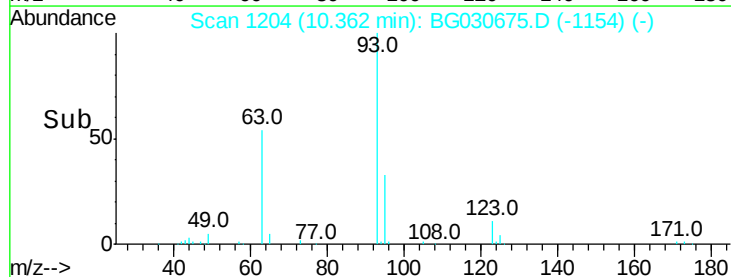
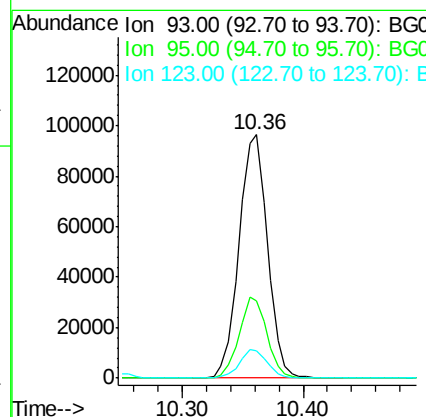
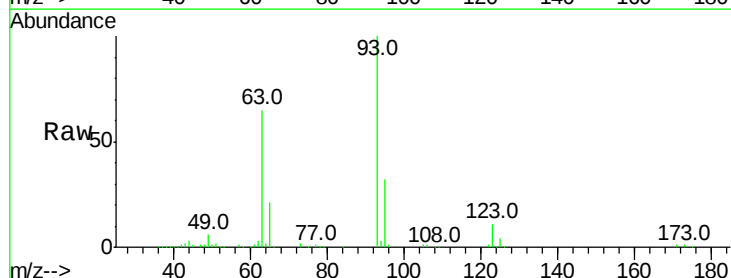
Instrument :  
 BNA\_G  
 ClientSampled :

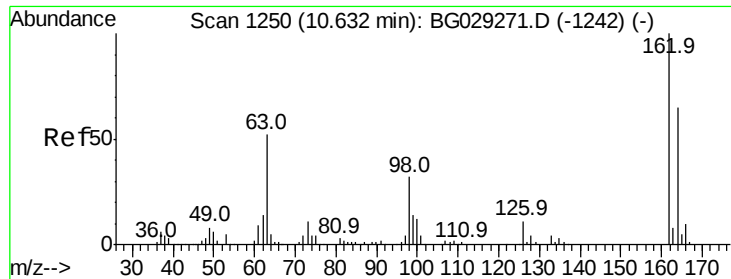
Tot Ion:122 Resp: 123441  
 Ion Ratio Lower Upper  
 122 100  
 107 110.7 100.2 150.2  
 121 57.6 44.4 66.6



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 27.809 ng  
 RT: 10.36 min Scan# 1204  
 Delta R.T. -0.01 min  
 Lab File: BG030675.D  
 Acq: 2 Nov 2017 23:09

Tgt Ion: 93 Resp: 159177  
 Ion Ratio Lower Upper  
 93 100  
 95 32.0 24.3 36.5  
 123 11.4 8.4 12.6

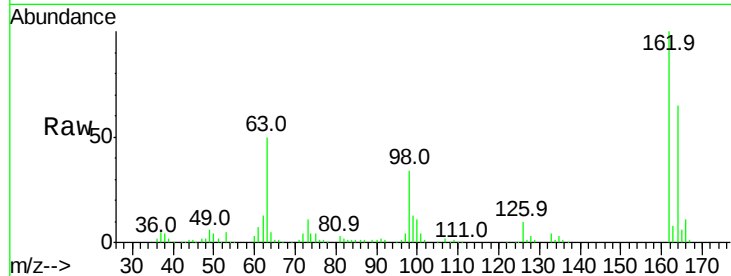




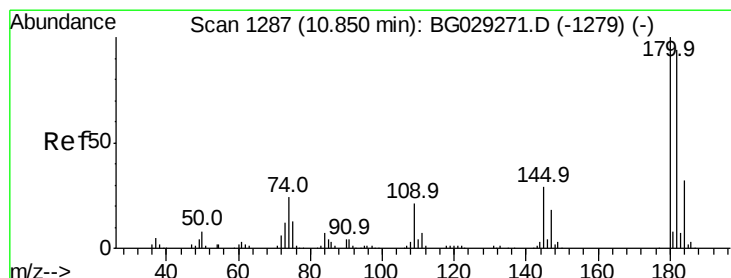
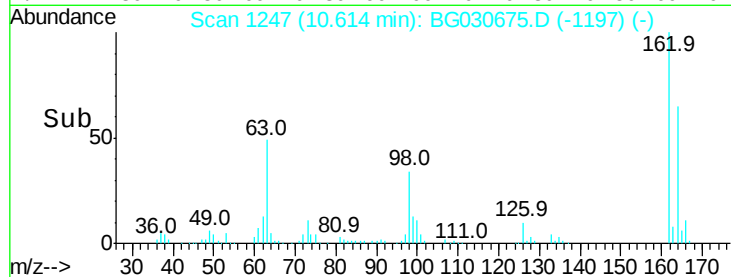
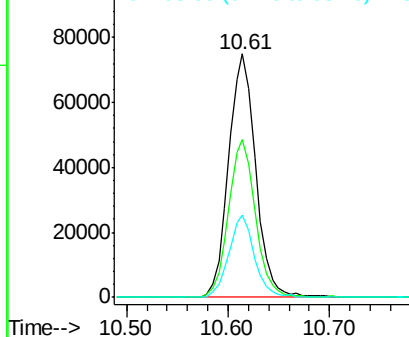
#29  
 2,4-Dichlorophenol  
 Concen: 29.944 ng  
 RT: 10.61 min Scan# 1247  
 Delta R.T. -0.01 min  
 Lab File: BG030675.D  
 Acq: 2 Nov 2017 23:09

Instrument :  
 BNA\_G  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.8  | 48.0  | 88.0  |
| 98      | 33.6  | 21.1  | 61.1  |

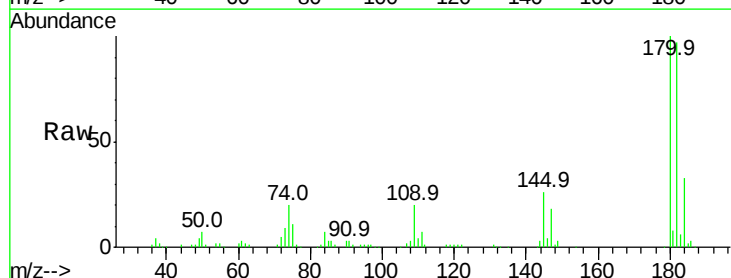


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): B

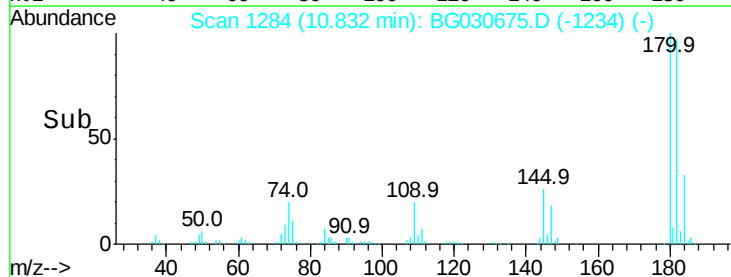
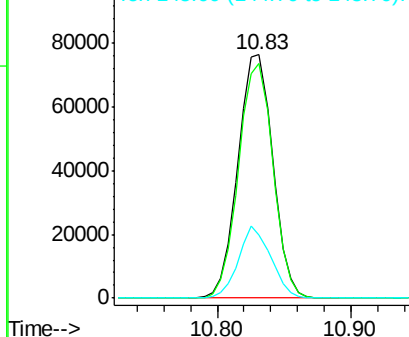


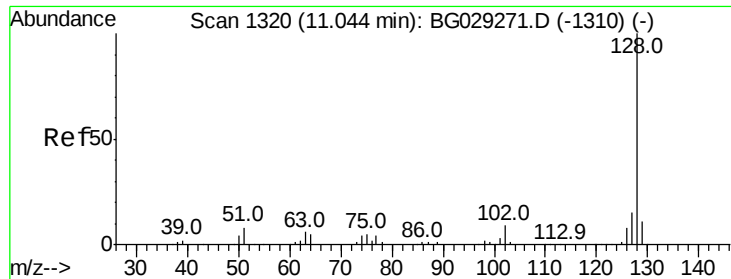
#30  
 1,2,4-Trichlorobenzene  
 Concen: 27.625 ng  
 RT: 10.83 min Scan# 1284  
 Delta R.T. -0.01 min  
 Lab File: BG030675.D  
 Acq: 2 Nov 2017 23:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.6  | 77.5  | 116.3 |
| 145     | 26.2  | 23.4  | 35.2  |



Abundance Ion 180.00 (179.70 to 180.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 145.00 (144.70 to 145.70): E

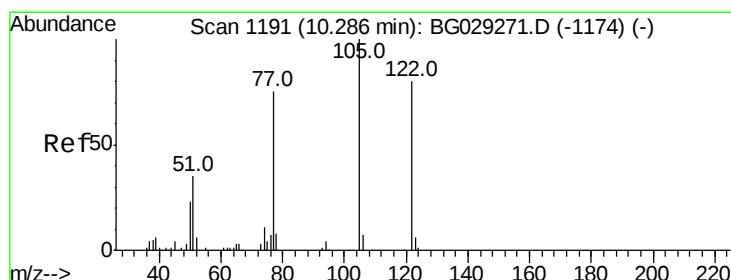
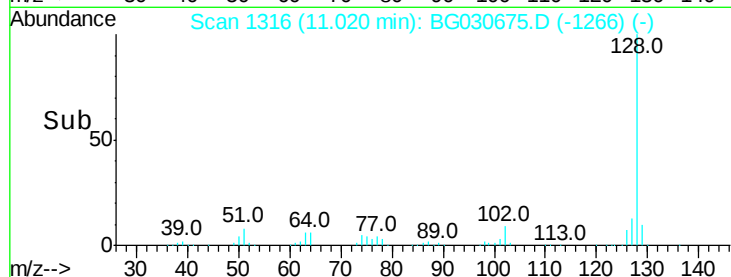
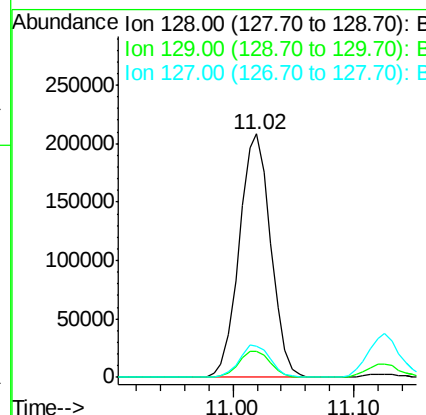
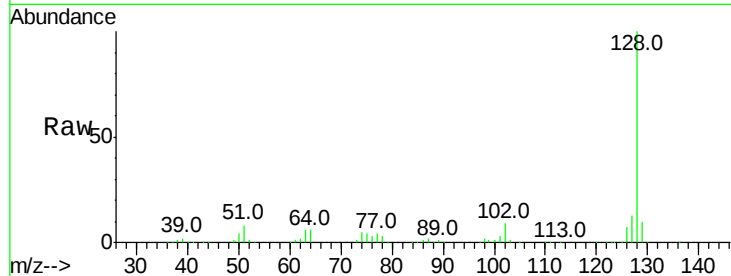




#31  
Naphthalene  
Concen: 26.648 ng  
RT: 11.02 min Scan# 1316  
Delta R.T. -0.01 min  
Lab File: BG030675.D  
Acq: 2 Nov 2017 23:09

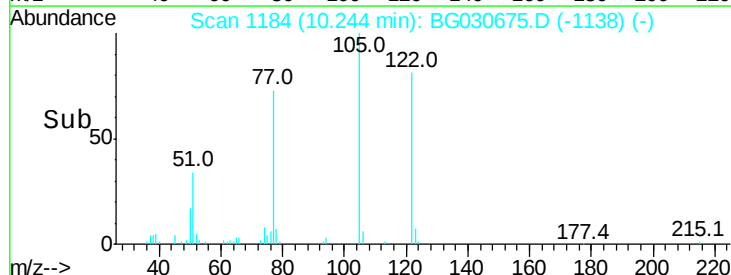
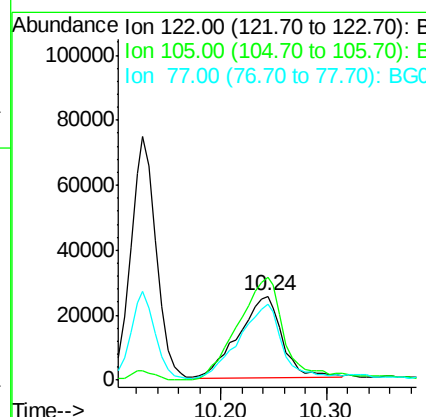
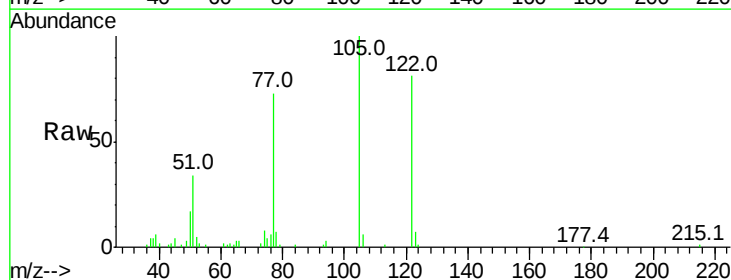
Instrument :  
BNA\_G  
ClientSampleId :

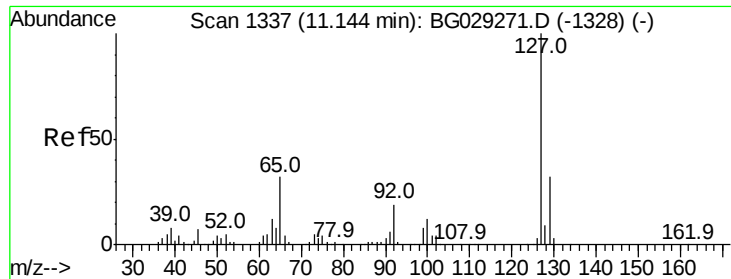
Tot Ion:128 Resp: 377374  
Ion Ratio Lower Upper  
128 100  
129 10.5 8.6 12.8  
127 13.0 11.6 17.4



#32  
Benzoic acid  
Concen: 19.717 ng  
RT: 10.24 min Scan# 1184  
Delta R.T. -0.03 min  
Lab File: BG030675.D  
Acq: 2 Nov 2017 23:09

Tgt Ion:122 Resp: 71773  
Ion Ratio Lower Upper  
122 100  
105 123.3 123.5 163.5#  
77 90.3 85.7 125.7

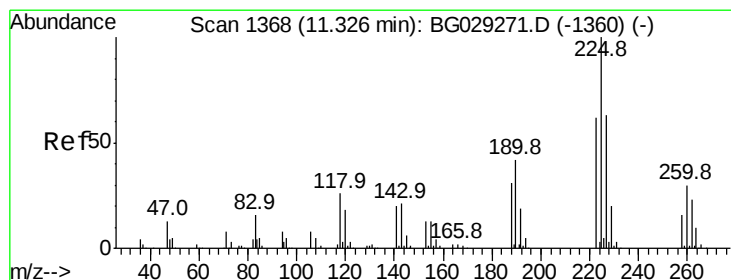
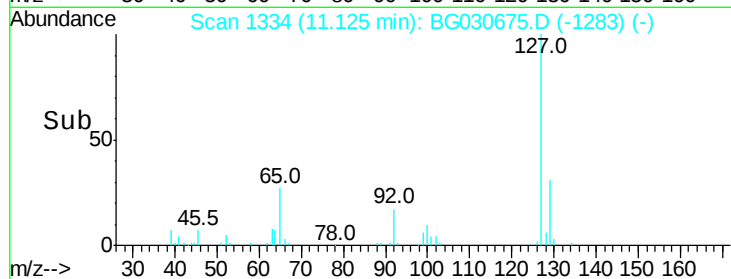
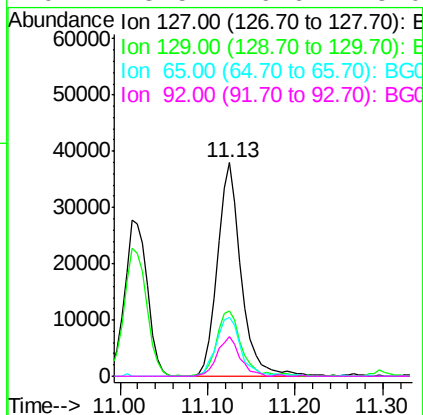
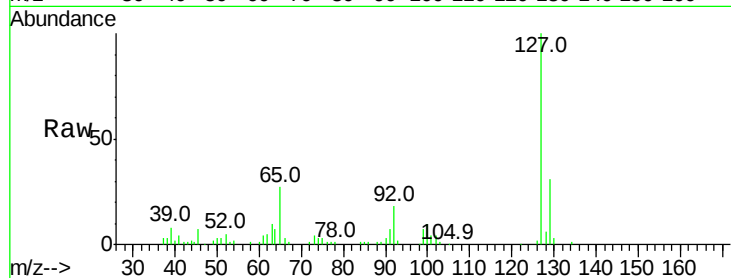




#33  
4-Chloroaniline  
Concen: 11.967 ng  
RT: 11.13 min Scan# 1334  
Delta R.T. 0.00 min  
Lab File: BG030675.D  
Acq: 2 Nov 2017 23:09

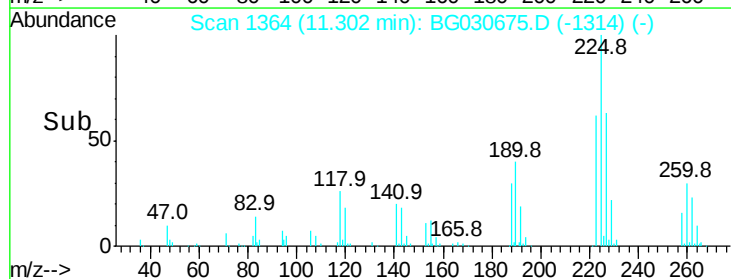
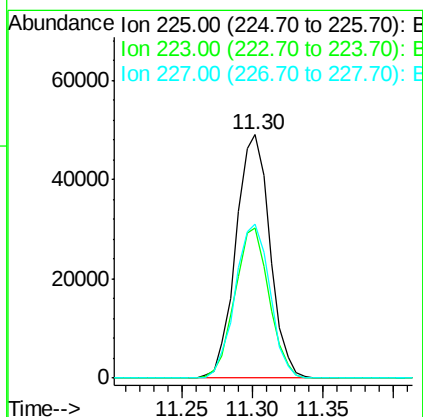
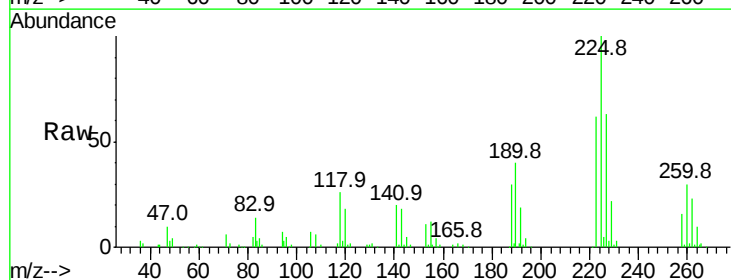
Instrument :  
BNA\_G  
ClientSampleId :

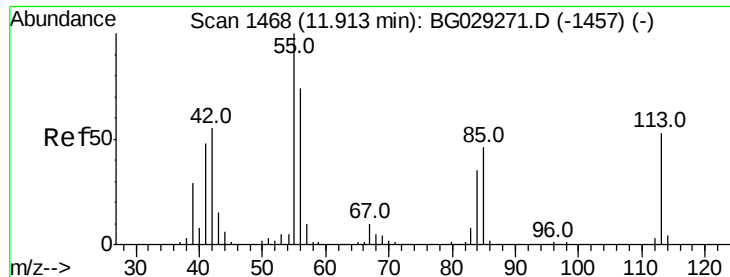
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 71285 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 30.7  | 24.0  | 36.0  |
| 65       | 27.4  | 27.0  | 40.4  |
| 92       | 18.5  | 16.6  | 25.0  |



#34  
Hexachlorobutadiene  
Concen: 26.520 ng  
RT: 11.30 min Scan# 1364  
Delta R.T. -0.01 min  
Lab File: BG030675.D  
Acq: 2 Nov 2017 23:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 82586 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 61.8  | 49.7  | 74.5  |
| 227      | 63.4  | 48.1  | 72.1  |





#35

Caprolactam

Concen: 19.790 ng

RT: 11.87 min Scan# 1461

Delta R.T. -0.03 min

Lab File: BG030675.D

Acq: 2 Nov 2017 23:09

Instrument :

BNA\_G

ClientSampled :

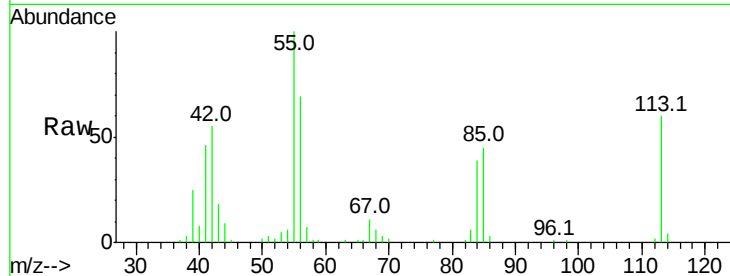
Tot Ion:113 Resp: 30491

Ion Ratio Lower Upper

113 100

55 165.5 186.9 226.9#

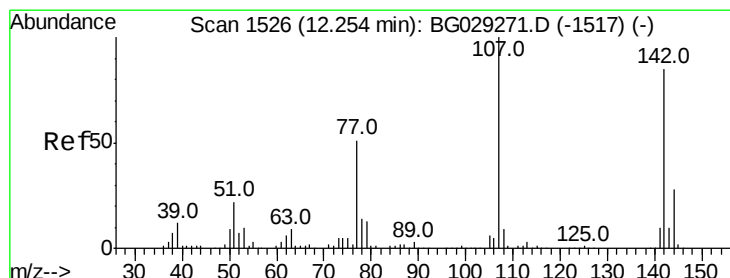
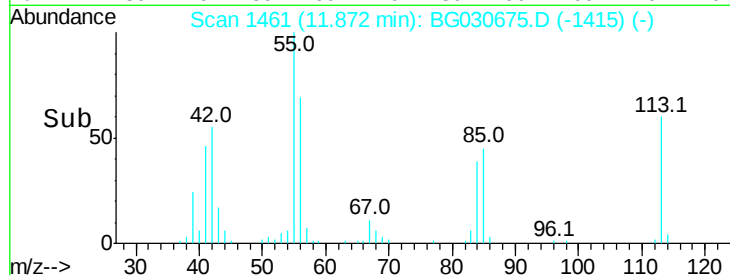
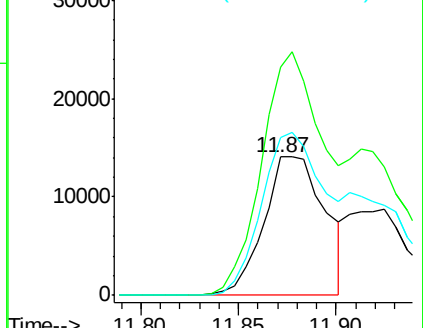
56 113.8 130.9 170.9#



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: 28.460 ng

RT: 12.23 min Scan# 1522

Delta R.T. -0.01 min

Lab File: BG030675.D

Acq: 2 Nov 2017 23:09

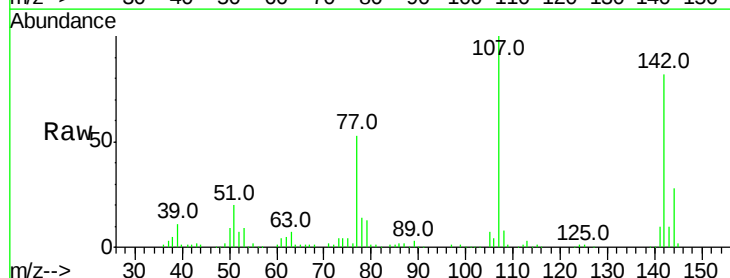
Tgt Ion:107 Resp: 145114

Ion Ratio Lower Upper

107 100

144 28.2 18.2 27.4#

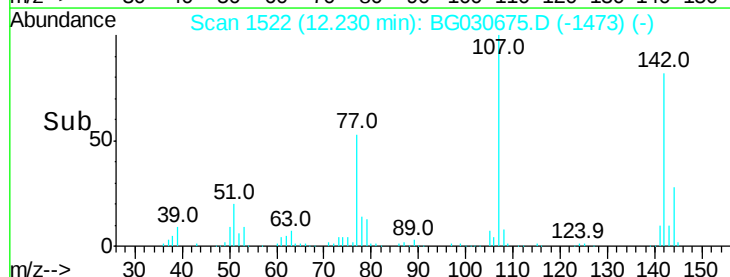
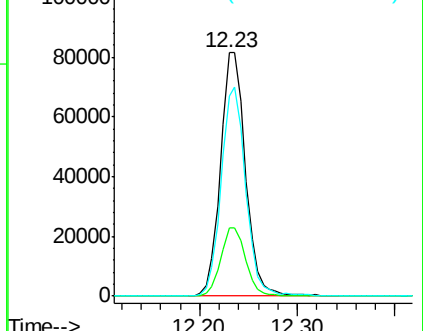
142 82.0 59.0 88.4

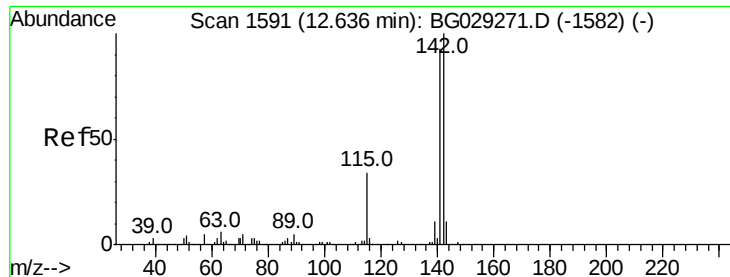


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

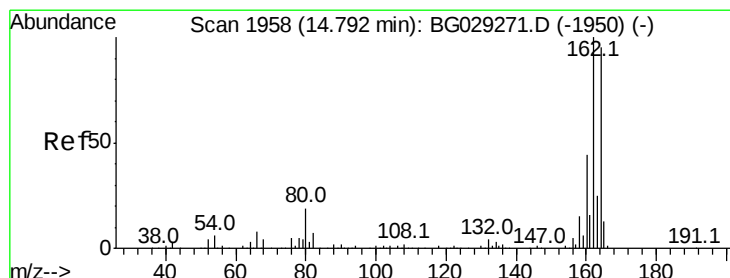
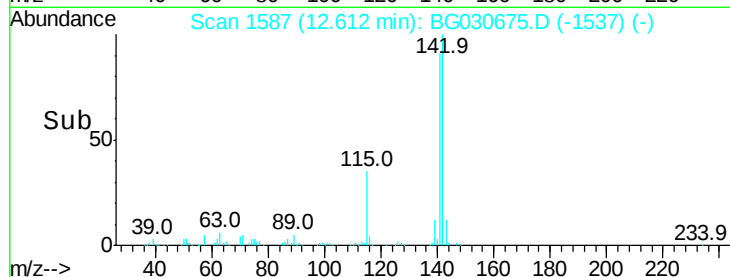
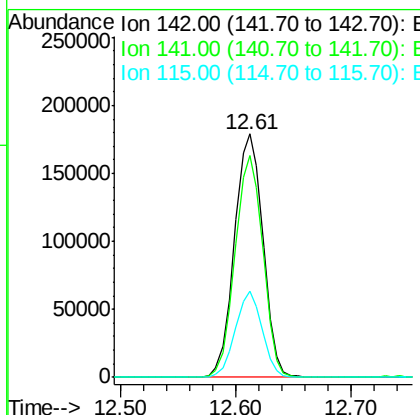
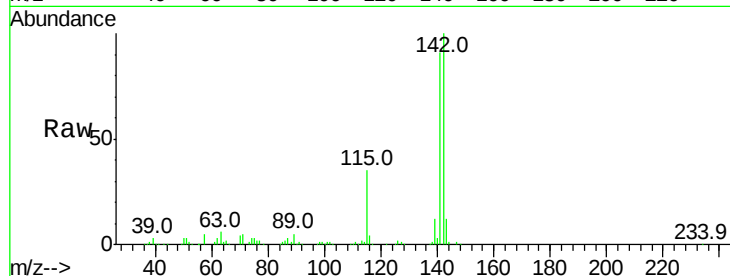




#37  
2-Methylnaphthalene  
Concen: 29.484 ng  
RT: 12.61 min Scan# 1587  
Delta R.T. -0.01 min  
Lab File: BG030675.D  
Acq: 2 Nov 2017 23:09

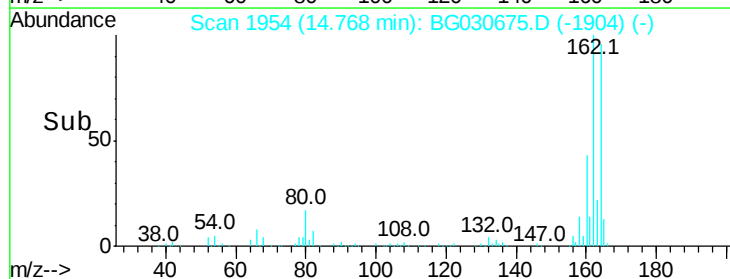
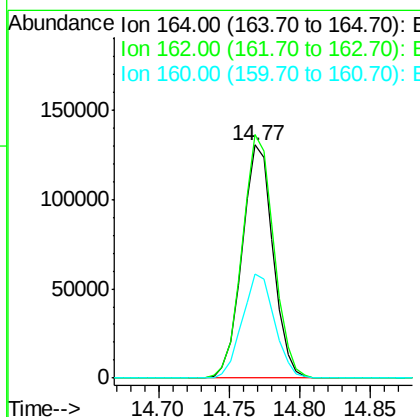
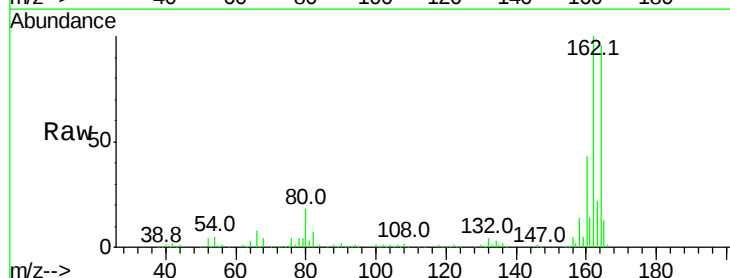
Instrument :  
BNA\_G  
ClientSampleId :

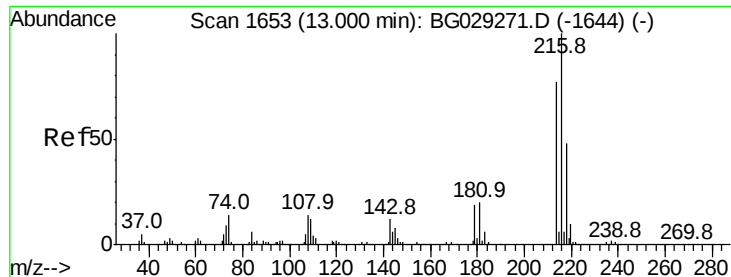
Tot Ion:142 Resp: 304313  
Ion Ratio Lower Upper  
142 100  
141 91.0 67.1 100.7  
115 35.3 30.7 46.1



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.77 min Scan# 1954  
Delta R.T. -0.01 min  
Lab File: BG030675.D  
Acq: 2 Nov 2017 23:09

Tgt Ion:164 Resp: 200139  
Ion Ratio Lower Upper  
164 100  
162 104.4 78.8 118.2  
160 44.9 35.4 53.0

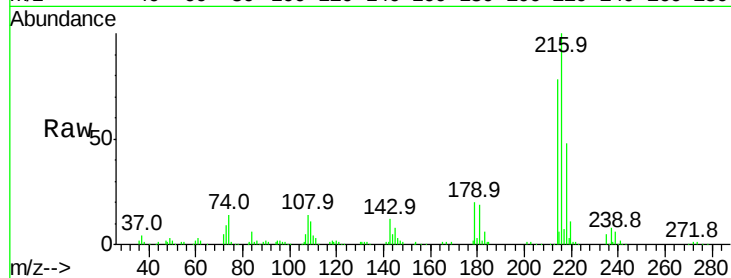




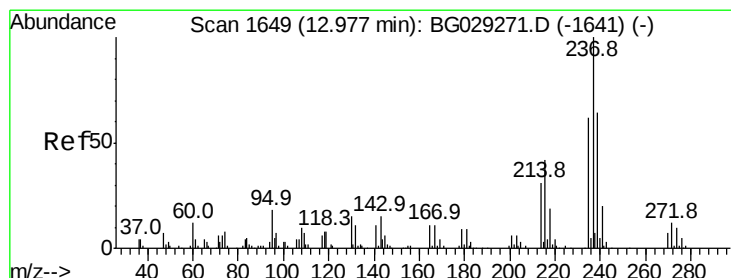
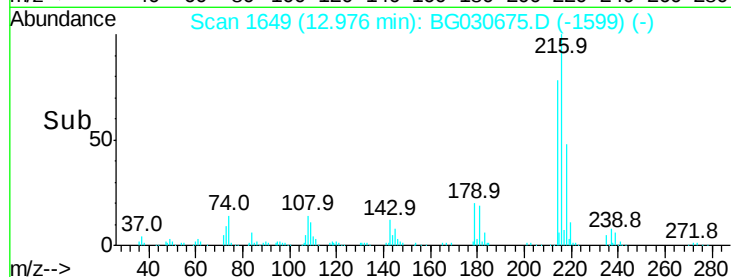
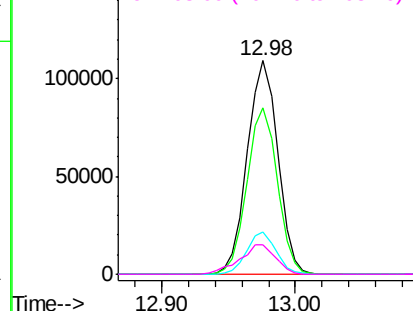
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 23.624 ng  
 RT: 12.98 min Scan# 1649  
 Delta R.T. -0.01 min  
 Lab File: BG030675.D  
 Acq: 2 Nov 2017 23:09

Instrument :  
 BNA\_G  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 216   | Resp: | 172624 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 77.2  | 63.0  | 94.4   |
| 179      | 19.0  | 17.0  | 25.6   |
| 108      | 16.0  | 12.8  | 19.2   |

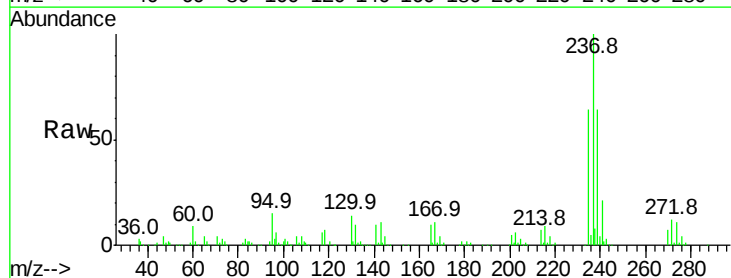


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

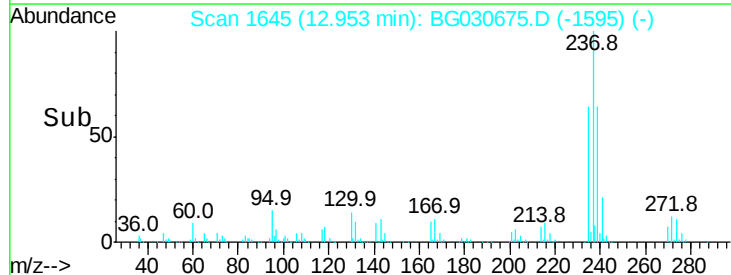
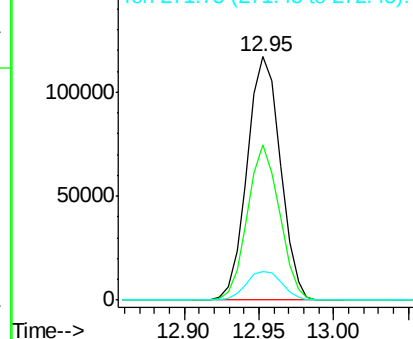


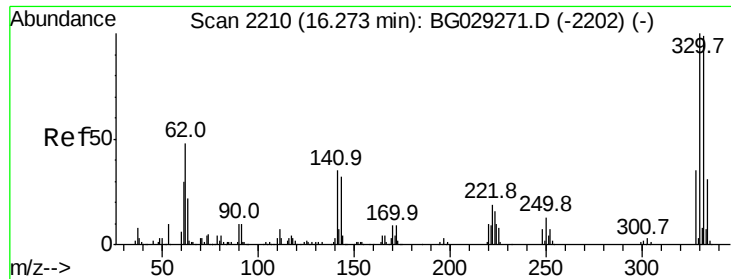
#40  
 Hexachlorocyclopentadiene  
 Concen: 66.040 ng  
 RT: 12.95 min Scan# 1645  
 Delta R.T. -0.01 min  
 Lab File: BG030675.D  
 Acq: 2 Nov 2017 23:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 180415 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 63.8  | 50.4  | 90.4   |
| 272      | 11.8  | 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

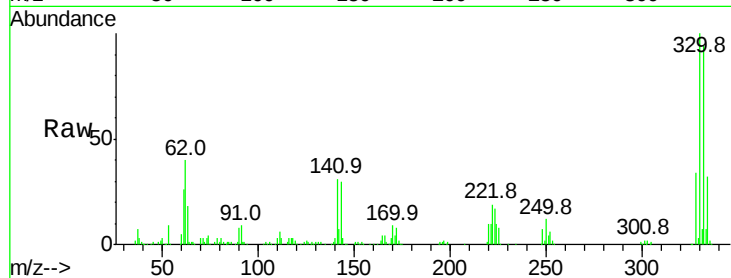




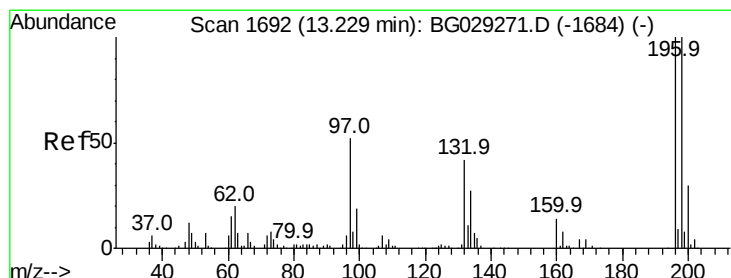
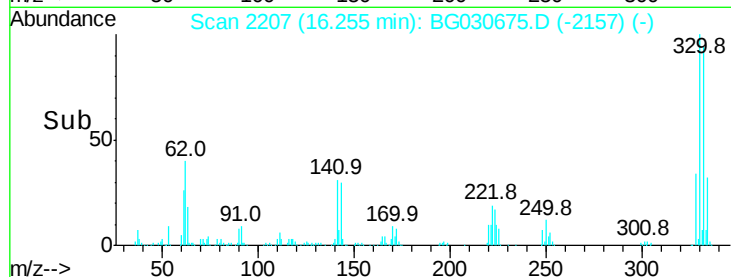
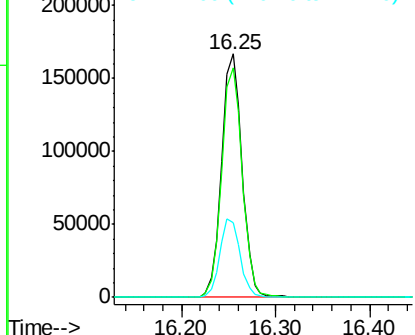
#41  
 2,4,6-Tribromophenol  
 Concen: 98.420 ng  
 RT: 16.25 min Scan# 2207  
 Delta R.T. -0.01 min  
 Lab File: BG030675.D  
 Acq: 2 Nov 2017 23:09

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.0  | 77.0  | 115.6 |
| 141     | 31.9  | 25.2  | 37.8  |

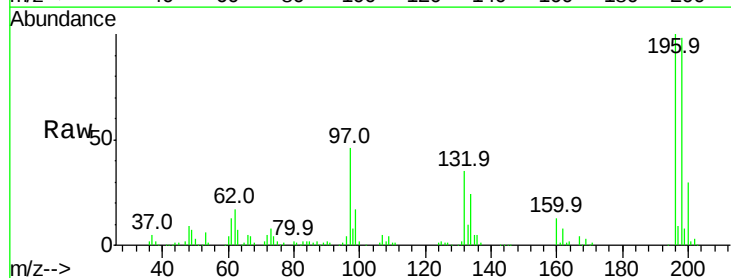


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

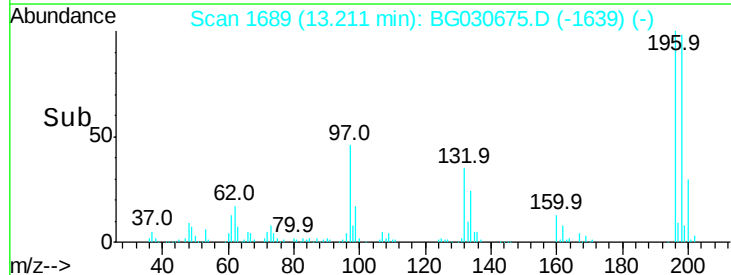
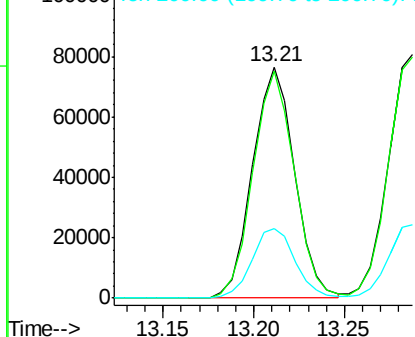


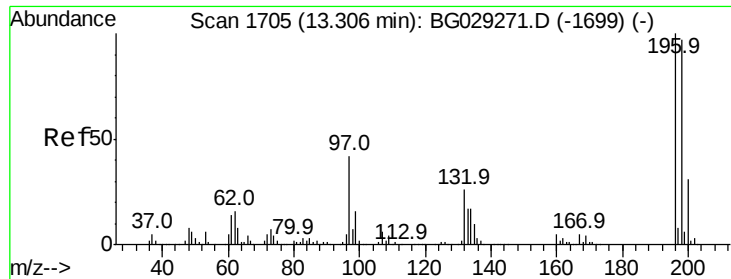
#42  
 2,4,6-Trichlorophenol  
 Concen: 26.792 ng  
 RT: 13.21 min Scan# 1689  
 Delta R.T. -0.01 min  
 Lab File: BG030675.D  
 Acq: 2 Nov 2017 23:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 98.0  | 78.2  | 117.2 |
| 200     | 30.3  | 24.6  | 36.8  |



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

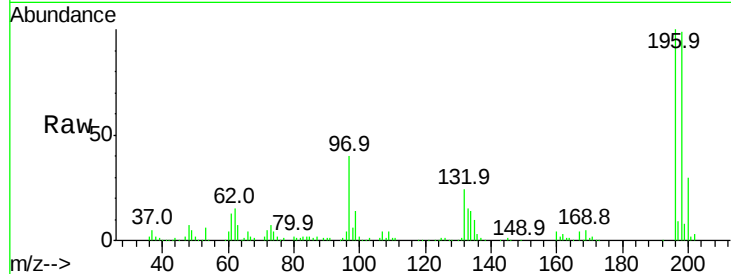




#43  
 2,4,5-Trichlorophenol  
 Concen: 29.507 ng  
 RT: 13.29 min Scan# 1702  
 Delta R.T. -0.01 min  
 Lab File: BG030675.D  
 Acq: 2 Nov 2017 23:09

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 98.9  | 76.2  | 114.4 |
| 97      | 40.0  | 38.7  | 58.1  |
| 132     | 23.9  | 20.2  | 30.2  |



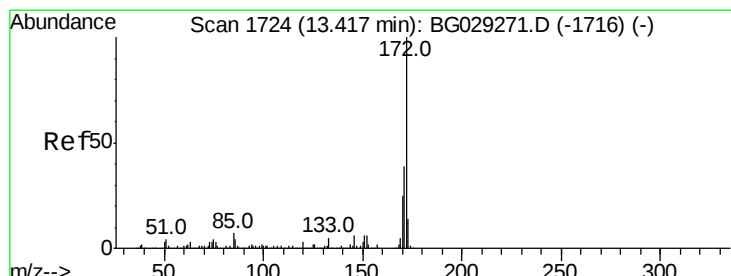
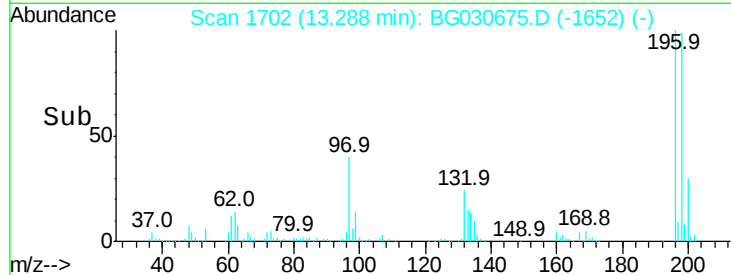
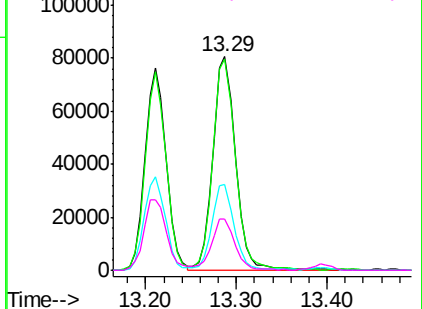
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

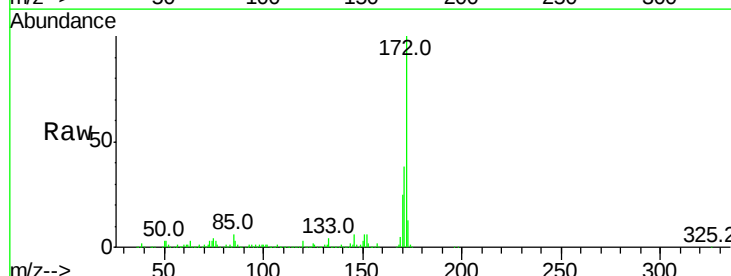
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 57.257 ng  
 RT: 13.39 min Scan# 1720  
 Delta R.T. -0.01 min  
 Lab File: BG030675.D  
 Acq: 2 Nov 2017 23:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.8  | 30.0  | 45.0  |
| 170     | 24.6  | 19.5  | 29.3  |

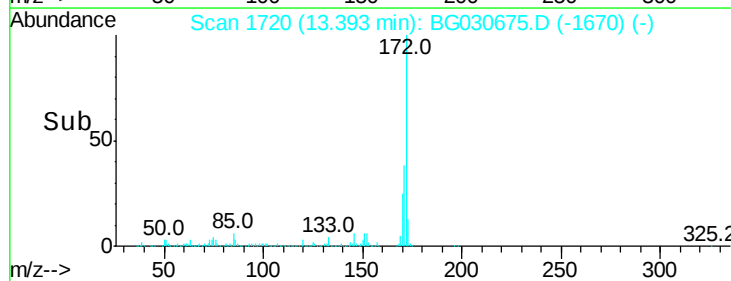
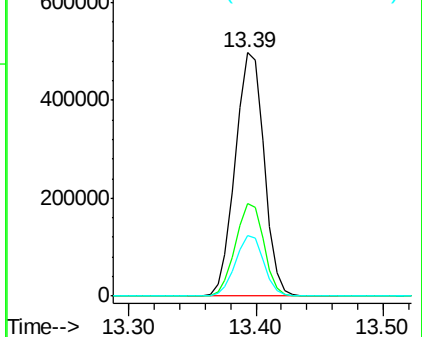


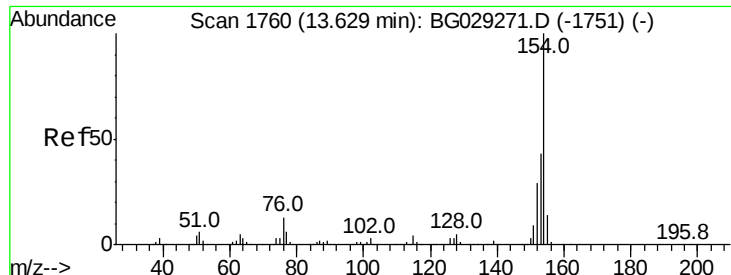
Abundance

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

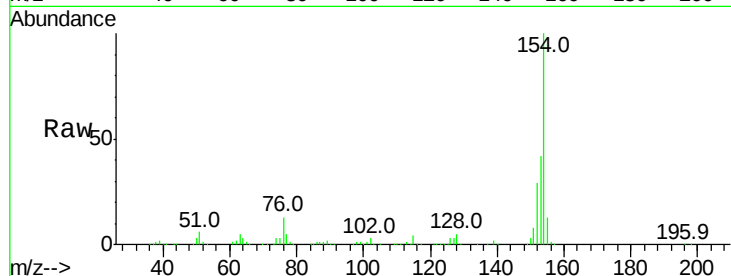




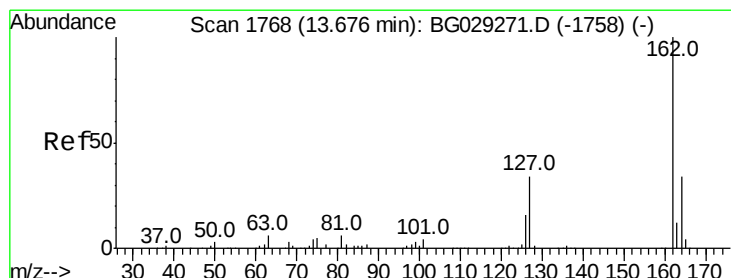
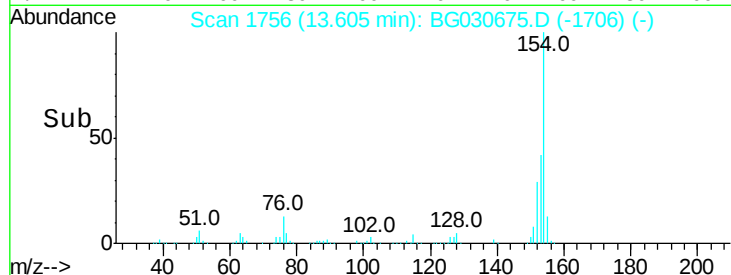
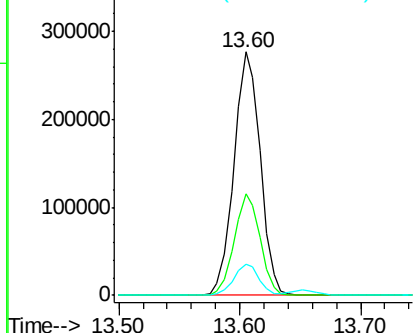
#45  
 1,1'-Biphenyl  
 Concen: 24.343 ng  
 RT: 13.60 min Scan# 1756  
 Delta R.T. -0.01 min  
 Lab File: BG030675.D  
 Acq: 2 Nov 2017 23:09

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.6  | 19.8  | 59.8  |
| 76      | 12.7  | 0.0   | 31.9  |

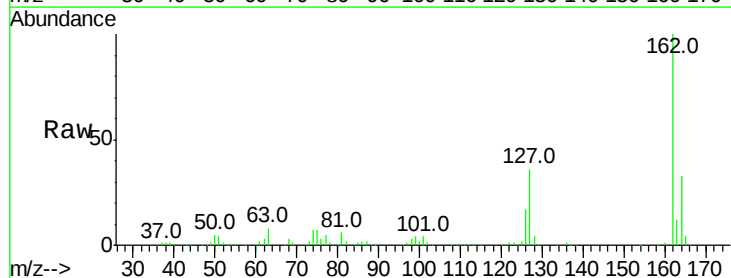


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): B

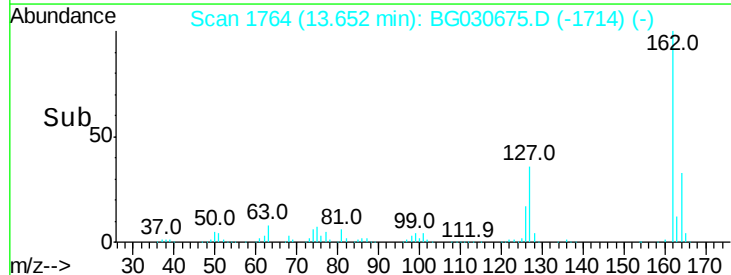
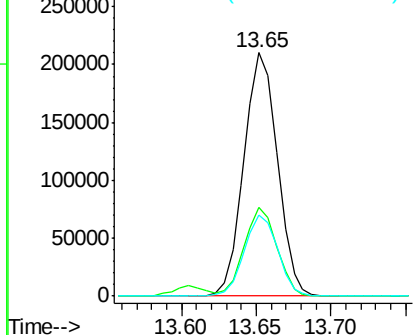


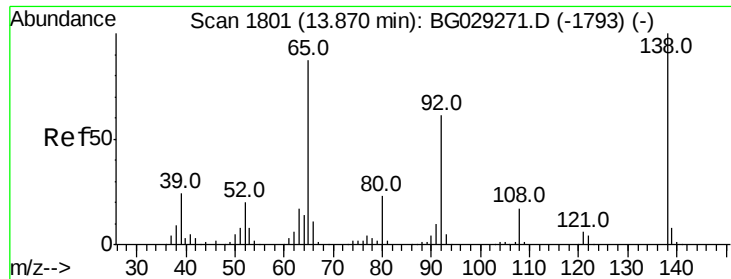
#46  
 2-Chloronaphthalene  
 Concen: 26.069 ng  
 RT: 13.65 min Scan# 1764  
 Delta R.T. -0.01 min  
 Lab File: BG030675.D  
 Acq: 2 Nov 2017 23:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 36.2  | 30.7  | 46.1  |
| 164     | 33.3  | 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

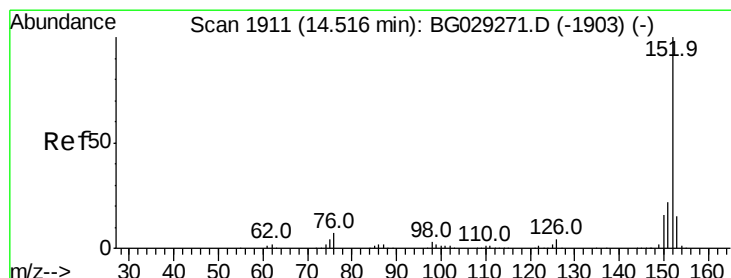
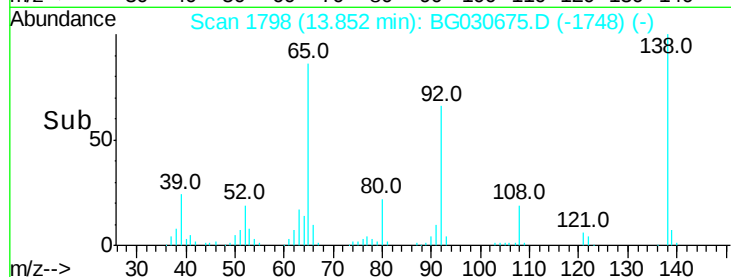
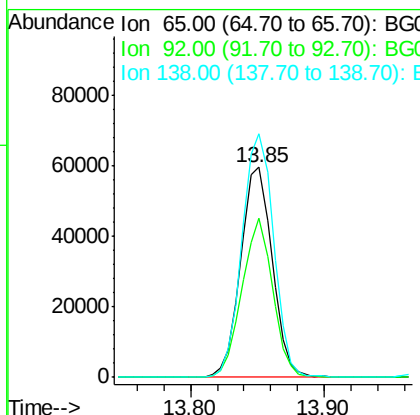
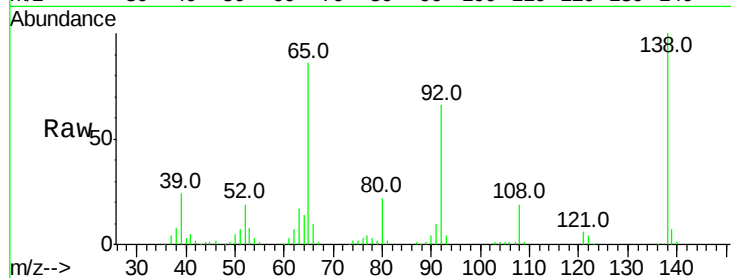




#47  
 2-Nitroaniline  
 Concen: 28.385 ng  
 RT: 13.85 min Scan# 1798  
 Delta R.T. -0.01 min  
 Lab File: BG030675.D  
 Acq: 2 Nov 2017 23:09

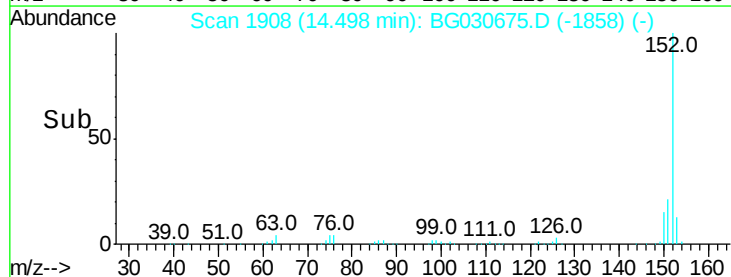
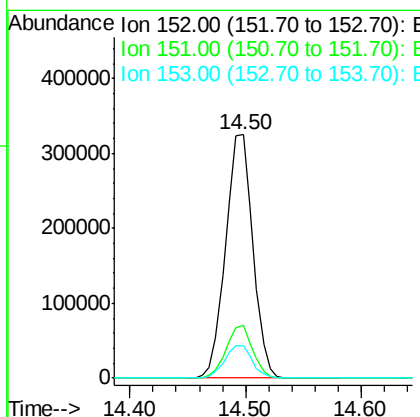
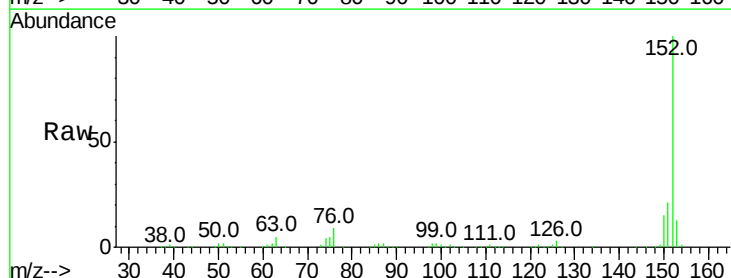
Instrument :  
 BNA\_G  
 ClientSampleId :

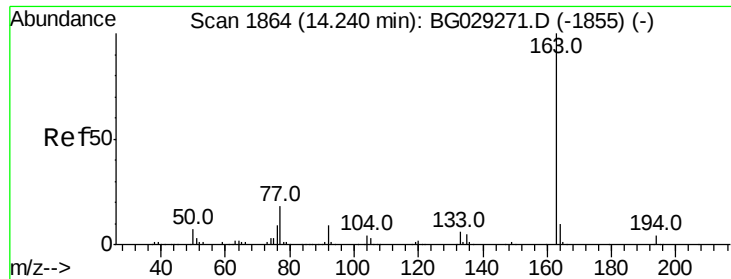
Tot Ion: 65 Resp: 97830  
 Ion Ratio Lower Upper  
 65 100  
 92 76.0 54.6 82.0  
 138 115.9 72.9 109.3#



#48  
 Acenaphthylene  
 Concen: 27.020 ng  
 RT: 14.50 min Scan# 1908  
 Delta R.T. -0.01 min  
 Lab File: BG030675.D  
 Acq: 2 Nov 2017 23:09

Tgt Ion:152 Resp: 530619  
 Ion Ratio Lower Upper  
 152 100  
 151 21.5 17.2 25.8  
 153 13.5 10.2 15.4





#49

Dimethylphthalate

Concen: 28.082 ng

RT: 14.22 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BG030675.D

Acq: 2 Nov 2017 23:09

Instrument :

BNA\_G

ClientSampleId :

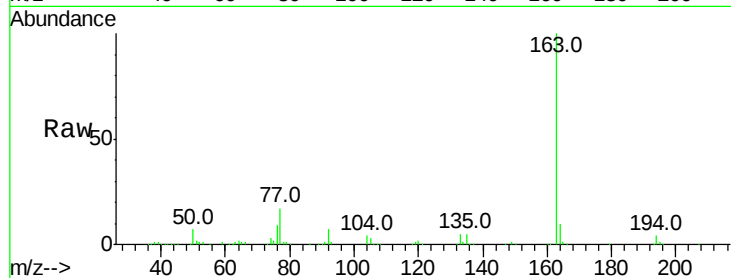
Tot Ion:163 Resp: 438520

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

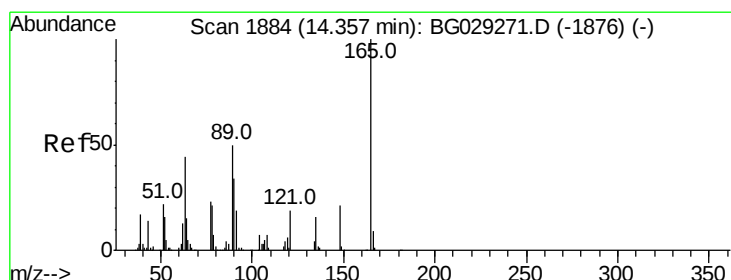
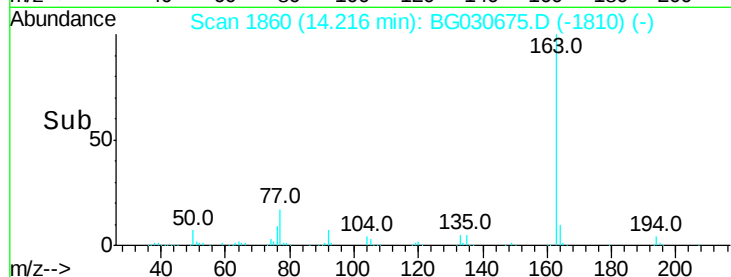
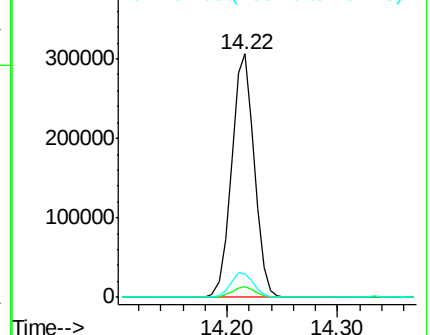
164 9.8 8.2 12.4



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: 30.361 ng

RT: 14.34 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG030675.D

Acq: 2 Nov 2017 23:09

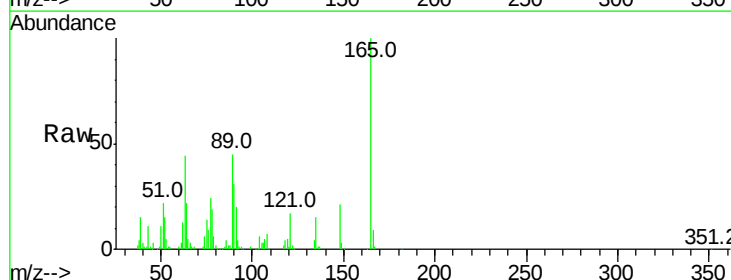
Tgt Ion:165 Resp: 99385

Ion Ratio Lower Upper

165 100

63 44.1 52.7 79.1#

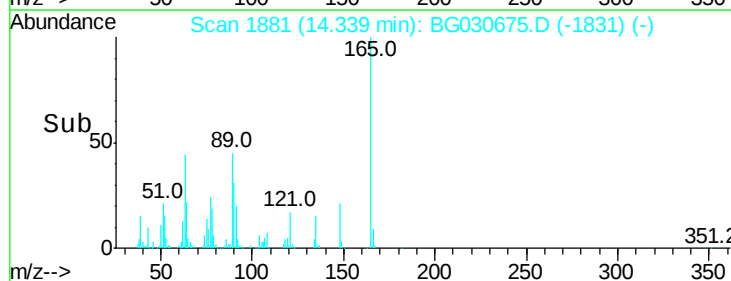
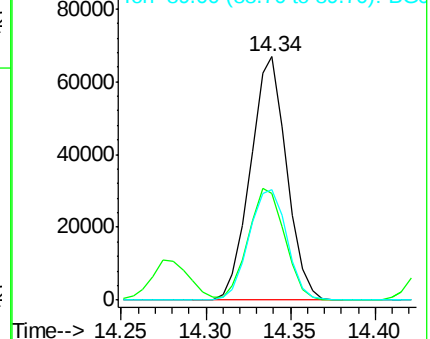
89 45.3 49.2 73.8#

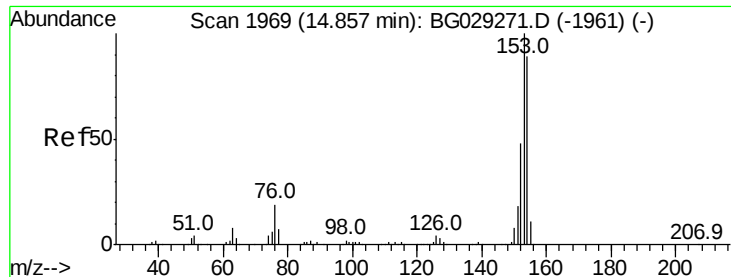


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 25.471 ng

RT: 14.83 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BG030675.D

Acq: 2 Nov 2017 23:09

Instrument :

BNA\_G

ClientSampleId :

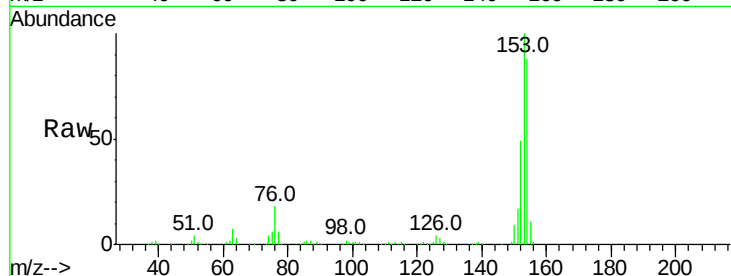
Tot Ion:154 Resp: 325452

Ion Ratio Lower Upper

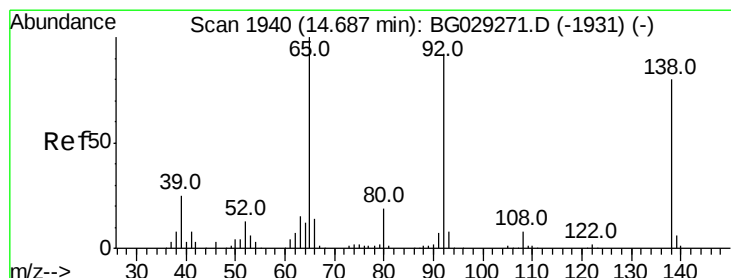
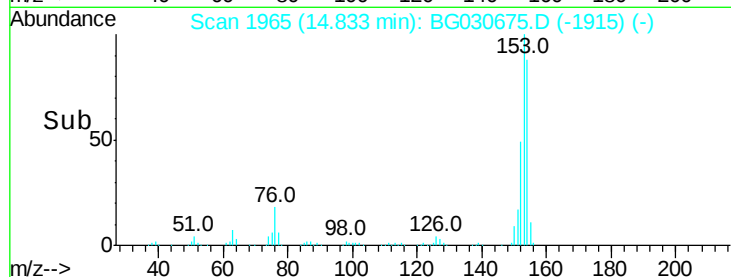
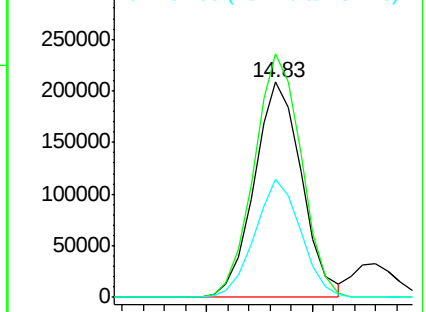
154 100

153 113.2 90.4 135.6

152 55.2 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: 16.864 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BG030675.D

Acq: 2 Nov 2017 23:09

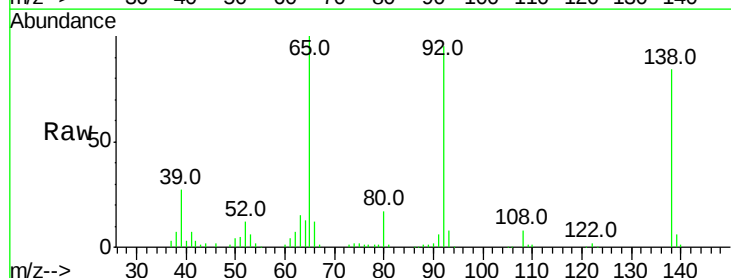
Tgt Ion:138 Resp: 59570

Ion Ratio Lower Upper

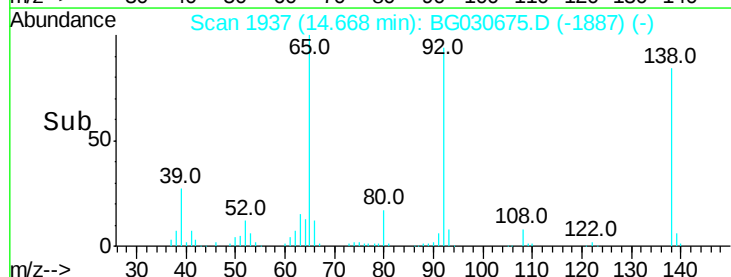
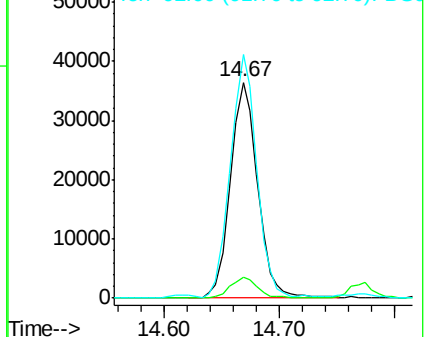
138 100

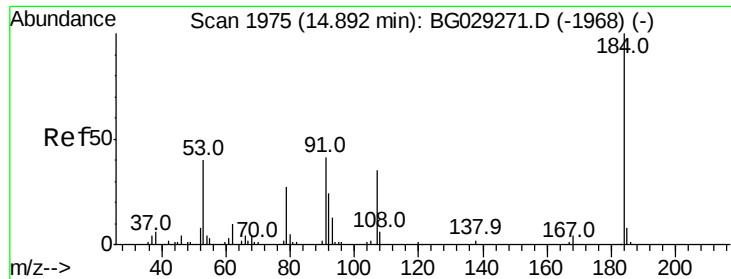
108 10.0 17.5 26.3#

92 112.9 105.8 158.8



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): BG

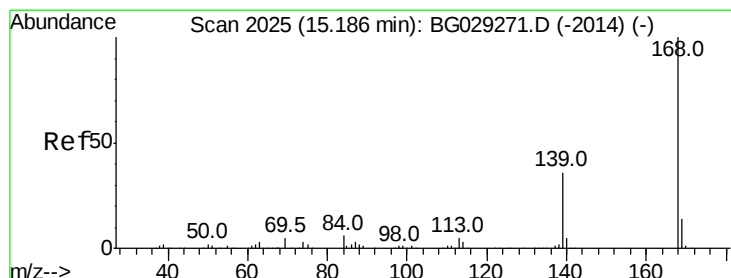
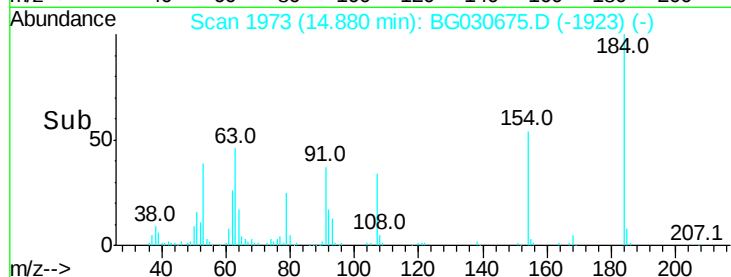
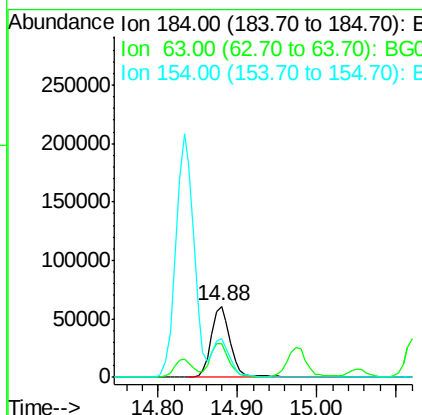
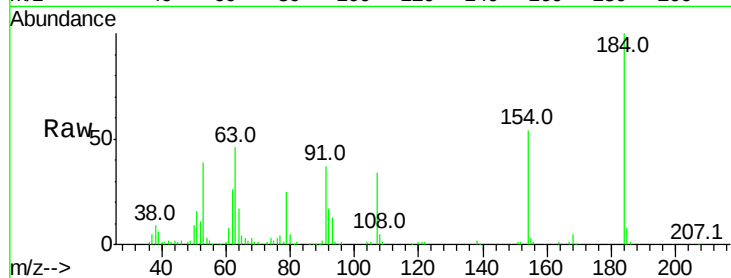




#53  
2,4-Dinitrophenol  
Concen: 59.003 ng  
RT: 14.88 min Scan# 1973  
Delta R.T. -0.01 min  
Lab File: BG030675.D  
Acq: 2 Nov 2017 23:09

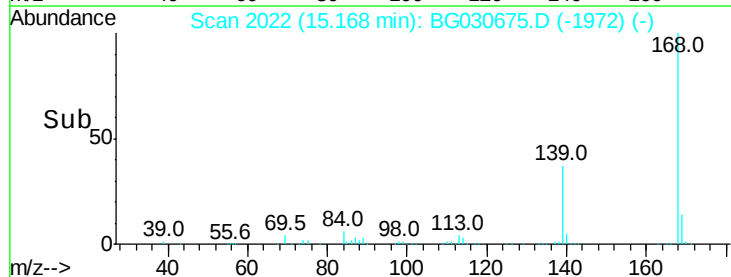
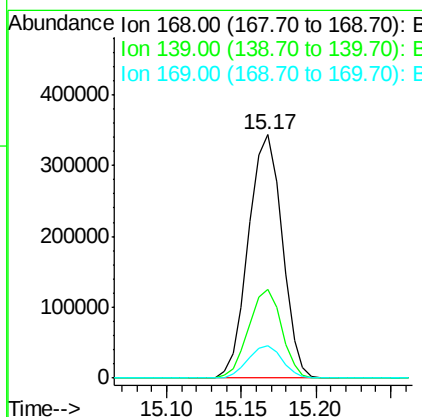
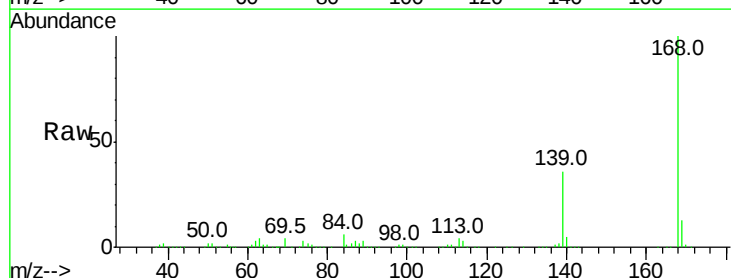
Instrument :  
BNA\_G  
ClientSampleId :

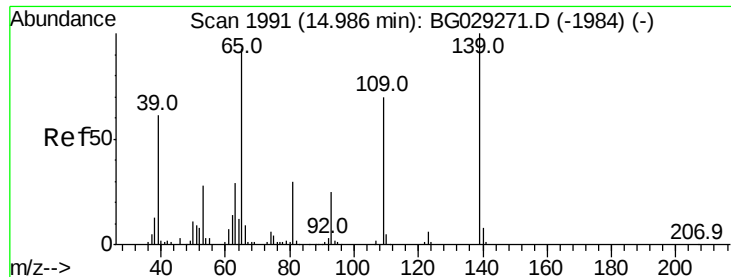
Tot Ion:184 Resp: 102937  
Ion Ratio Lower Upper  
184 100  
63 46.4 59.8 89.8#  
154 53.6 101.8 152.8#



#54  
Dibenzofuran  
Concen: 29.400 ng  
RT: 15.17 min Scan# 2022  
Delta R.T. -0.01 min  
Lab File: BG030675.D  
Acq: 2 Nov 2017 23:09

Tgt Ion:168 Resp: 536265  
Ion Ratio Lower Upper  
168 100  
139 36.5 28.6 43.0  
169 13.5 11.2 16.8





#55

4-Nitrophenol

Concen: 56.935 ng

RT: 14.97 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BG030675.D

Acq: 2 Nov 2017 23:09

Instrument :

BNA\_G

ClientSampleId :

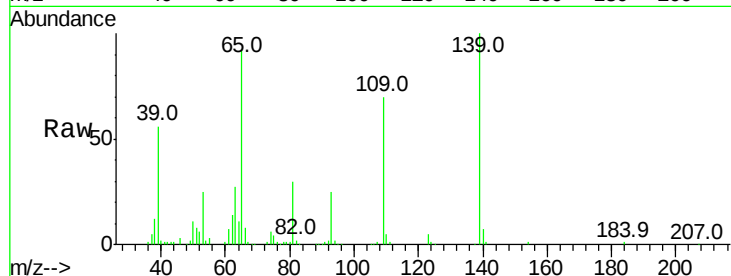
Tot Ion:139 Resp: 165801

Ion Ratio Lower Upper

139 100

109 70.3 62.2 102.2

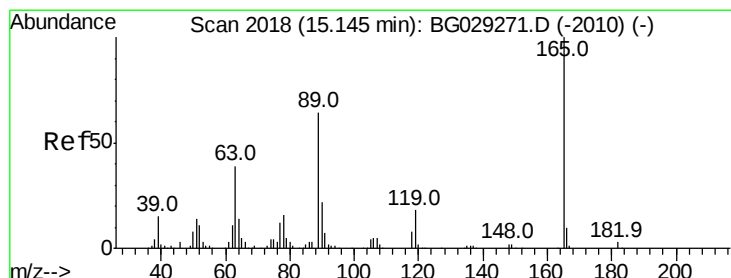
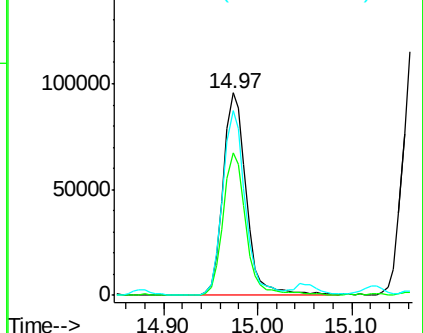
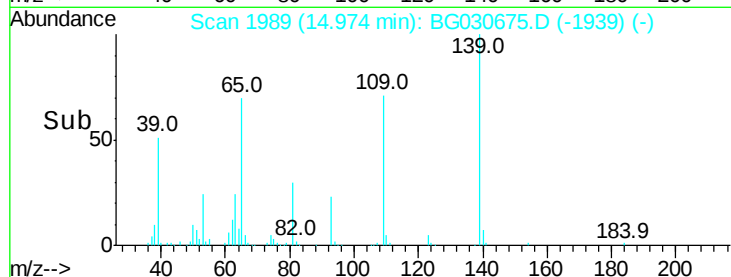
65 91.5 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 32.782 ng

RT: 15.13 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BG030675.D

Acq: 2 Nov 2017 23:09

Tgt Ion:165 Resp: 145267

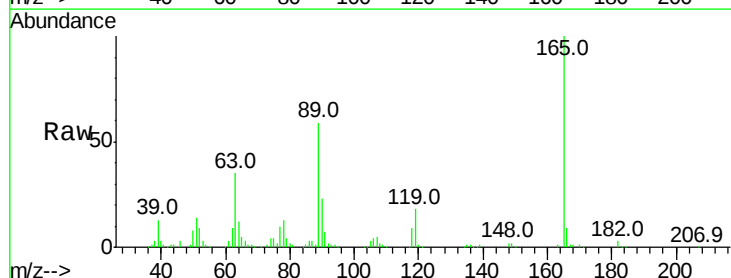
Ion Ratio Lower Upper

165 100

63 34.7 42.0 63.0#

89 59.3 66.9 100.3#

182 3.4 2.6 3.8

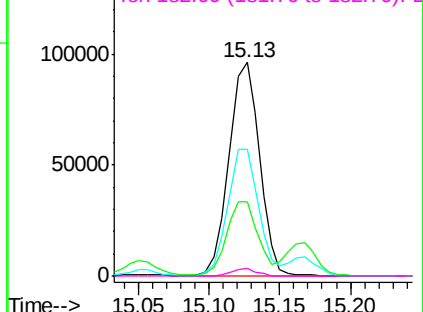
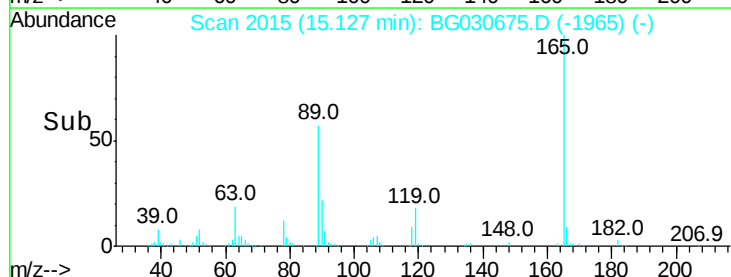


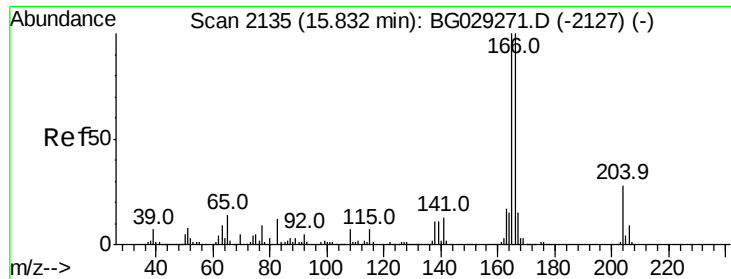
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 28.666 ng

RT: 15.81 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BG030675.D

Acq: 2 Nov 2017 23:09

Instrument :

BNA\_G

ClientSampleId :

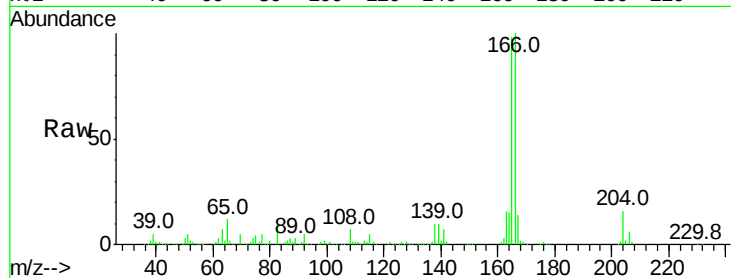
Tot Ion:166 Resp: 431950

Ion Ratio Lower Upper

166 100

165 97.8 80.6 121.0

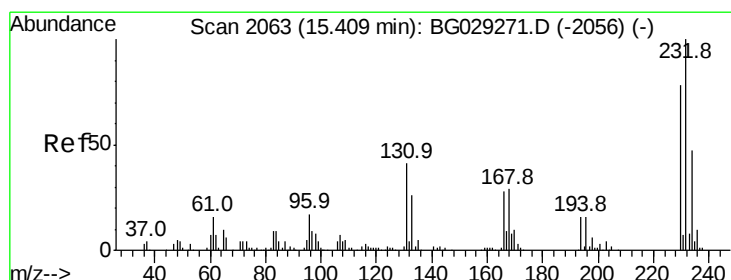
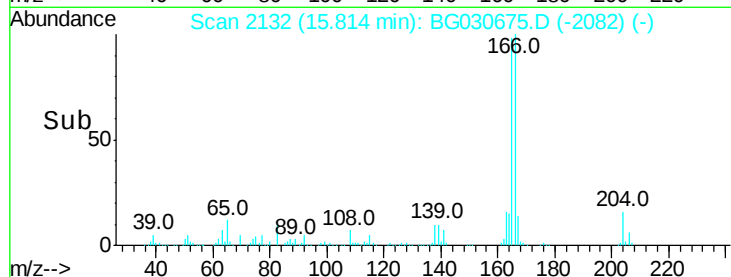
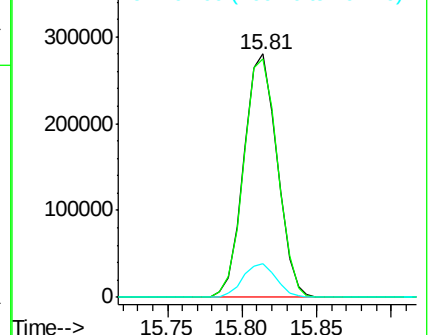
167 13.7 10.4 15.6



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: 34.686 ng

RT: 15.39 min Scan# 2060

Delta R.T. -0.01 min

Lab File: BG030675.D

Acq: 2 Nov 2017 23:09

Tgt Ion:232 Resp: 136325

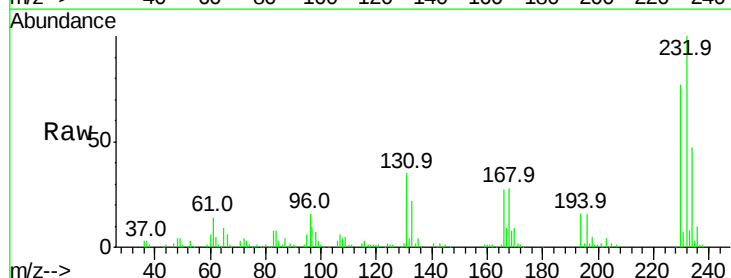
Ion Ratio Lower Upper

232 100

131 35.4 33.5 50.3

130 2.3 2.2 3.2

166 27.3 24.8 37.2

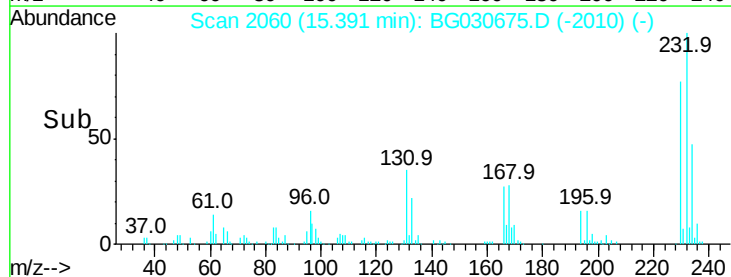
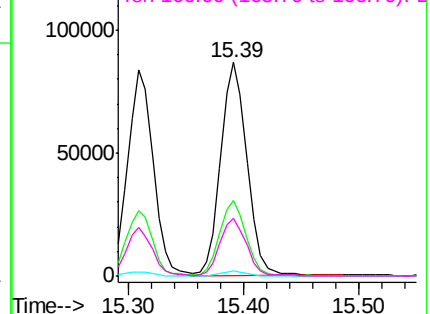


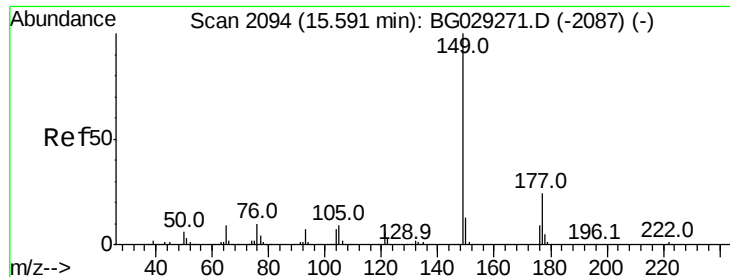
Abundance Ion 232.00 (231.70 to 232.70): E

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

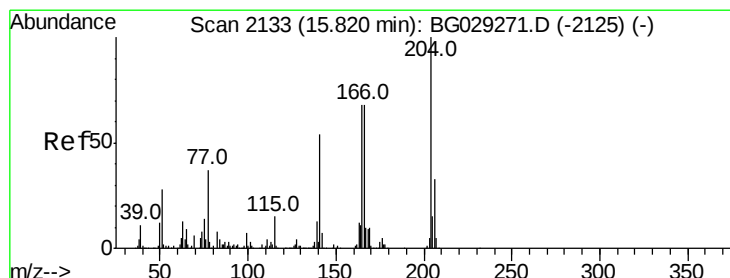
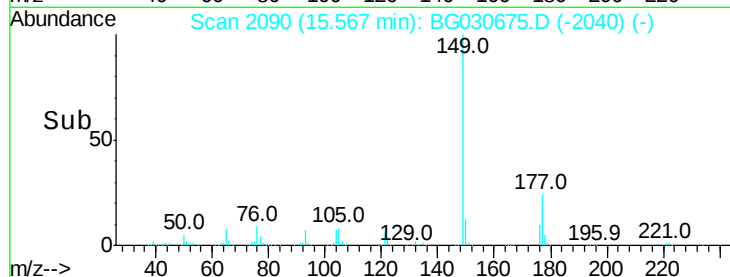
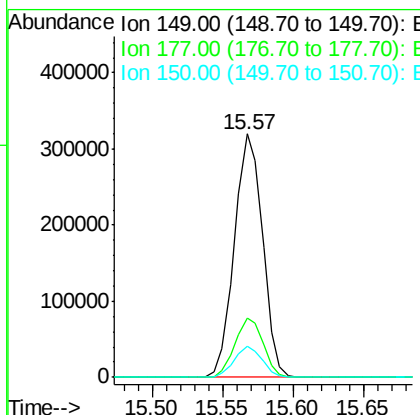
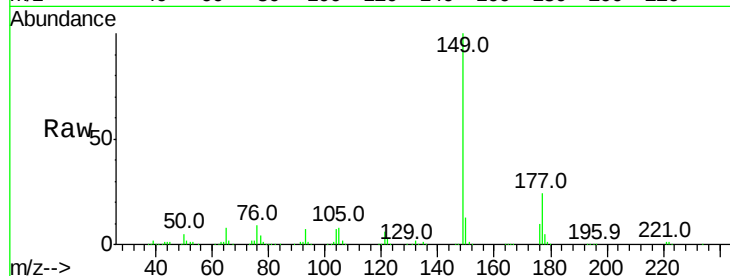




#59  
Diethylphthalate  
Concen: 28.610 ng  
RT: 15.57 min Scan# 2090  
Delta R.T. -0.01 min  
Lab File: BG030675.D  
Acq: 2 Nov 2017 23:09

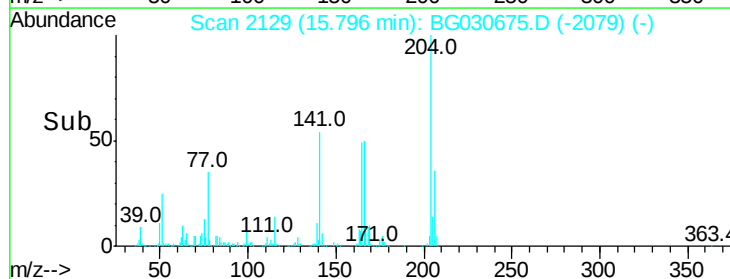
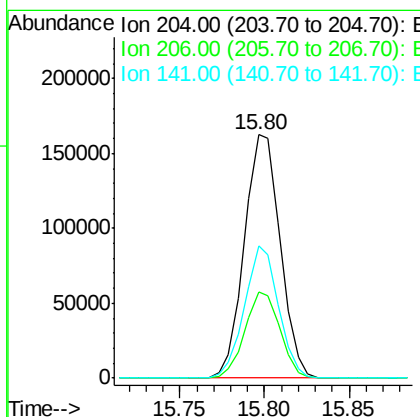
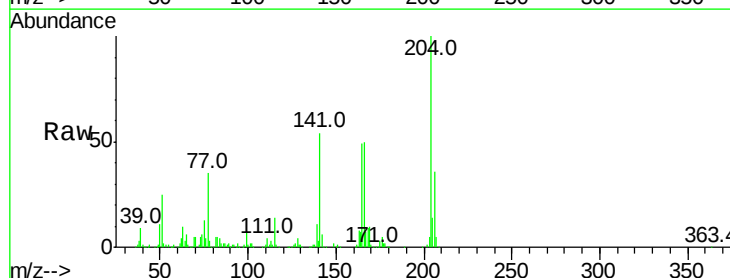
Instrument :  
BNA\_G  
ClientSampleId :

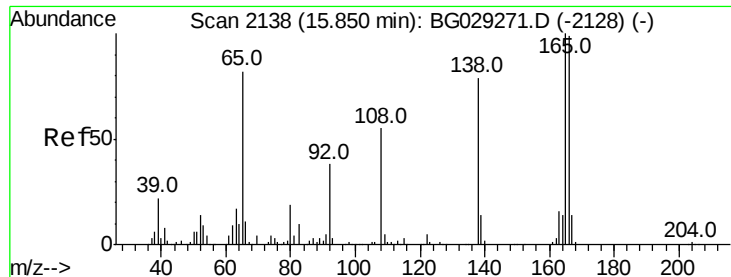
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 24.4  | 18.5  | 27.7  |
| 150     | 12.7  | 10.2  | 15.2  |



#60  
4-Chlorophenyl-phenylether  
Concen: 29.910 ng  
RT: 15.80 min Scan# 2129  
Delta R.T. -0.01 min  
Lab File: BG030675.D  
Acq: 2 Nov 2017 23:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 35.5  | 26.2  | 39.2  |
| 141     | 54.2  | 45.8  | 68.6  |

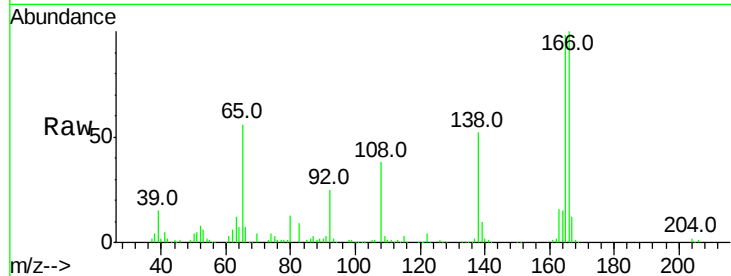




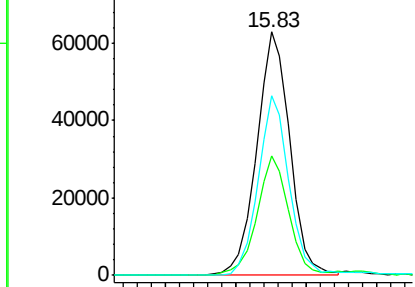
#61  
4-Nitroaniline  
Concen: 28.545 ng  
RT: 15.83 min Scan# 2134  
Delta R.T. -0.01 min  
Lab File: BG030675.D  
Acq: 2 Nov 2017 23:09

Instrument :  
BNA\_G  
ClientSampled :

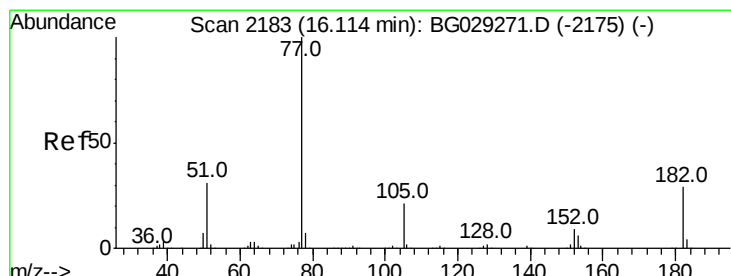
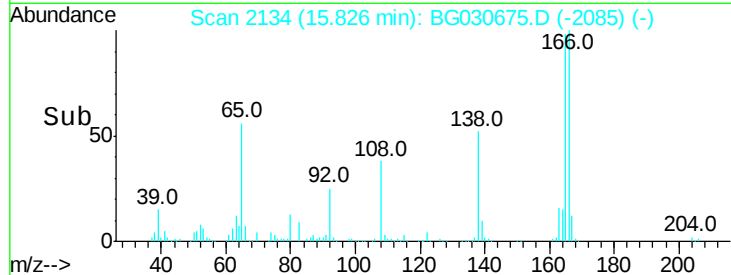
Tot Ion:138 Resp: 103535  
Ion Ratio Lower Upper  
138 100  
92 49.0 40.1 80.1  
108 74.0 65.4 105.4



Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BG  
Ion 108.00 (107.70 to 108.70): E

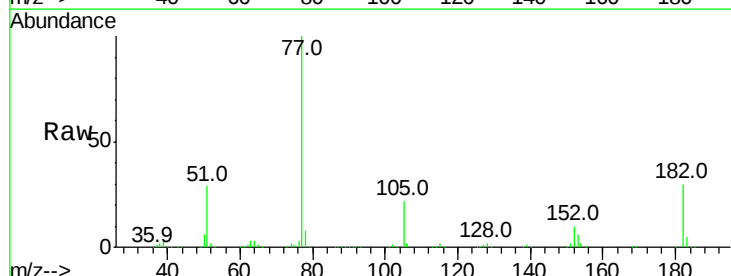


Time-->

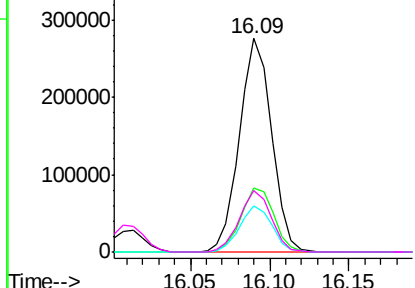


#62  
Azobenzene  
Concen: 29.563 ng  
RT: 16.09 min Scan# 2179  
Delta R.T. -0.01 min  
Lab File: BG030675.D  
Acq: 2 Nov 2017 23:09

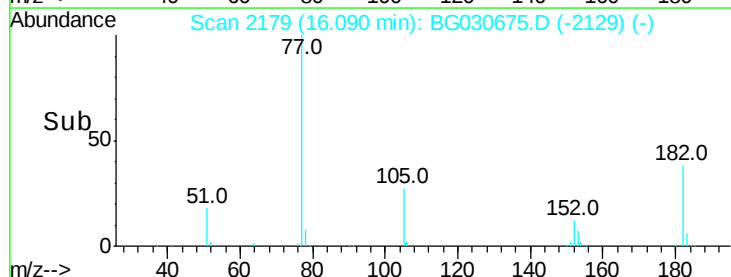
Tgt Ion: 77 Resp: 387964  
Ion Ratio Lower Upper  
77 100  
182 30.2 7.4 47.4  
105 21.6 0.3 40.3  
51 28.9 11.6 51.6

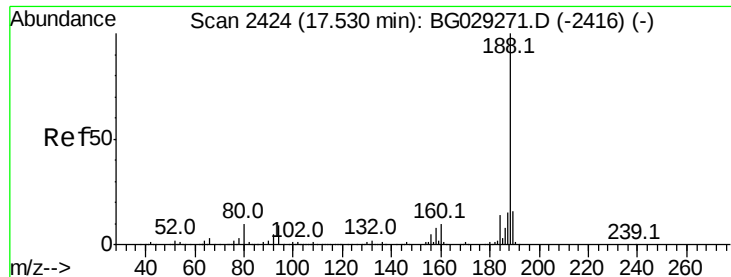


Abundance Ion 77.00 (76.70 to 77.70): BG  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BG



Time-->





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2420

Delta R.T. -0.01 min

Lab File: BG030675.D

Acq: 2 Nov 2017 23:09

Instrument :

BNA\_G

ClientSampleId :

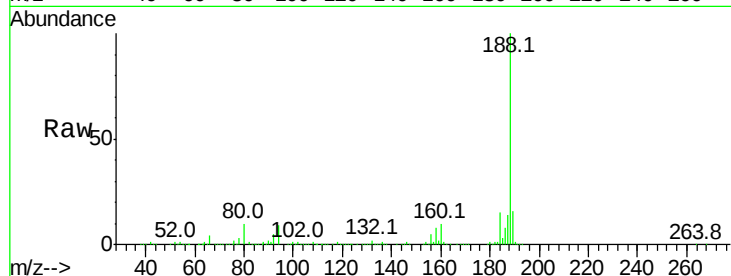
Tot Ion:188 Resp: 507361

Ion Ratio Lower Upper

188 100

94 8.9 6.9 10.3

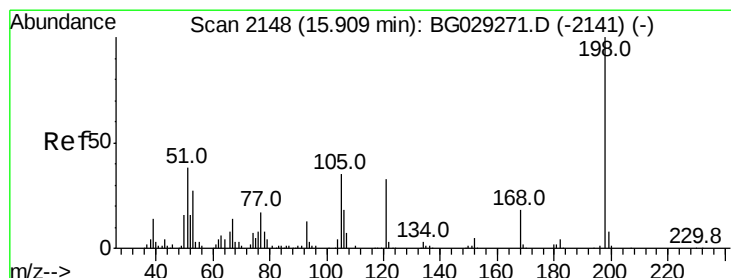
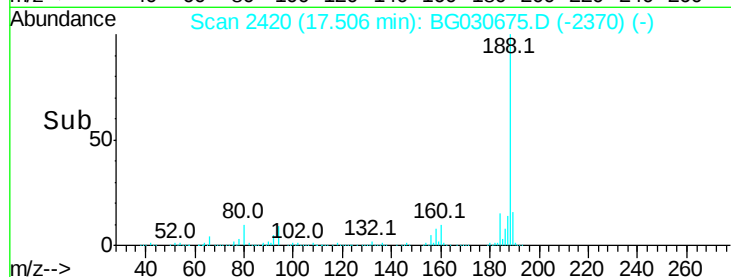
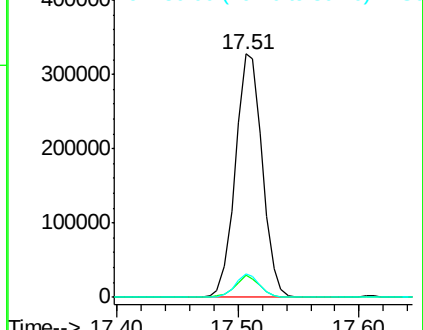
80 9.5 7.7 11.5



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: 27.292 ng

RT: 15.89 min Scan# 2145

Delta R.T. -0.01 min

Lab File: BG030675.D

Acq: 2 Nov 2017 23:09

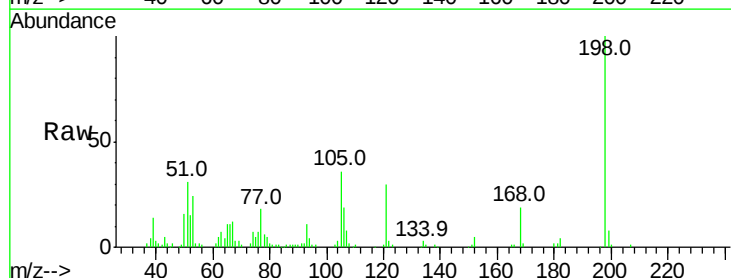
Tgt Ion:198 Resp: 71797

Ion Ratio Lower Upper

198 100

51 30.7 30.6 70.6

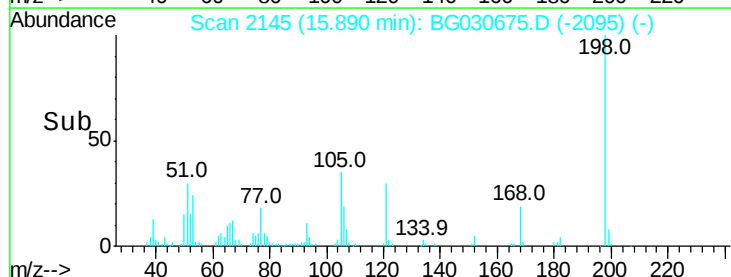
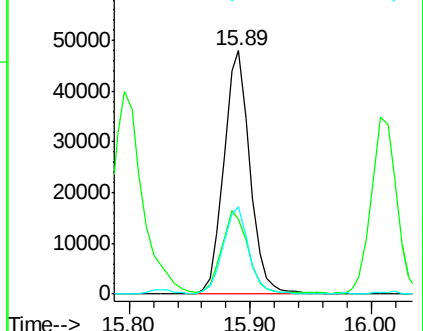
105 35.8 23.8 63.8

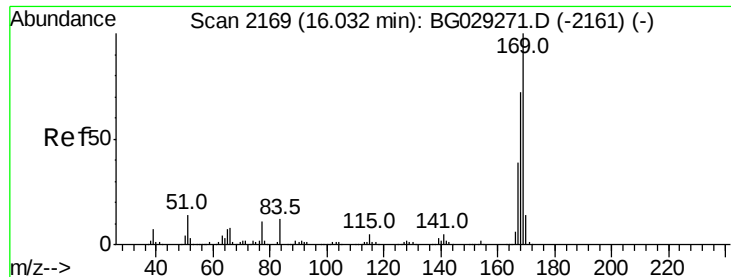


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 26.029 ng

RT: 16.01 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BG030675.D

Acq: 2 Nov 2017 23:09

Instrument :

BNA\_G

ClientSampleId :

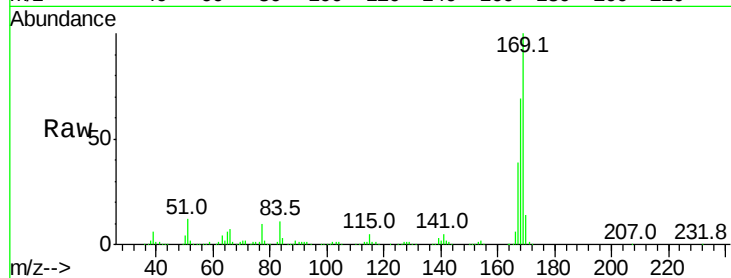
Tot Ion:169 Resp: 395593

Ion Ratio Lower Upper

169 100

168 69.4 55.7 83.5

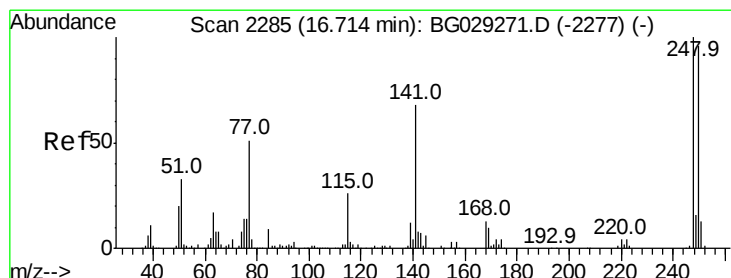
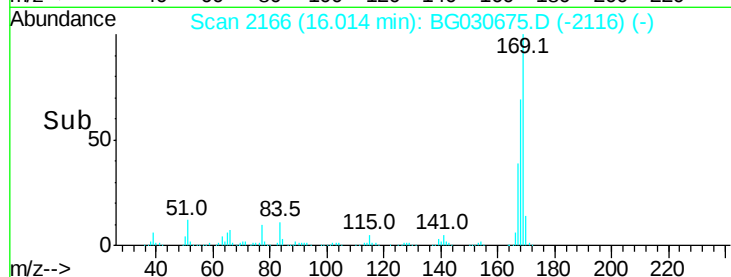
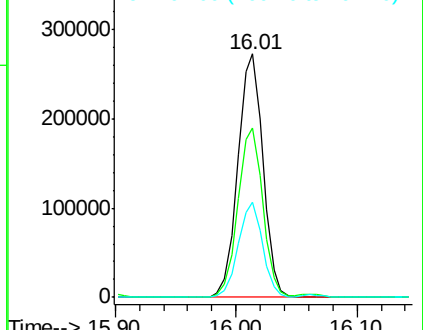
167 38.8 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 27.510 ng

RT: 16.69 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BG030675.D

Acq: 2 Nov 2017 23:09

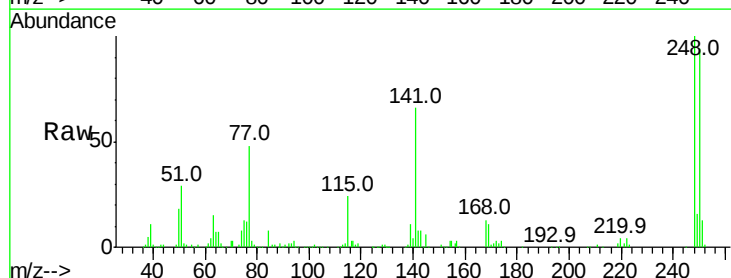
Tgt Ion:248 Resp: 160159

Ion Ratio Lower Upper

248 100

250 93.7 77.1 115.7

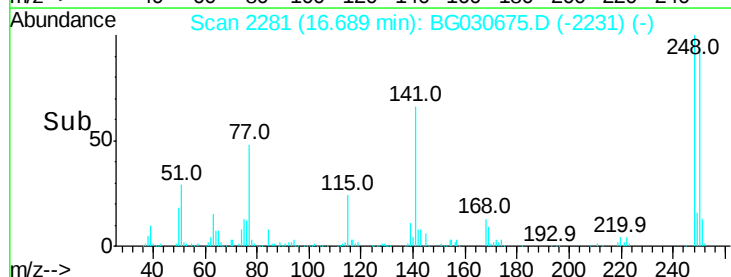
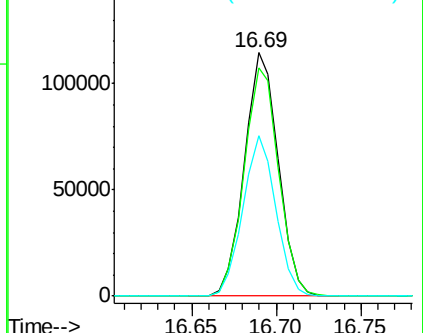
141 65.7 50.8 76.2

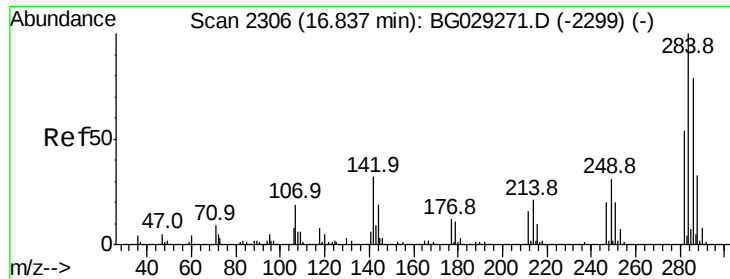


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

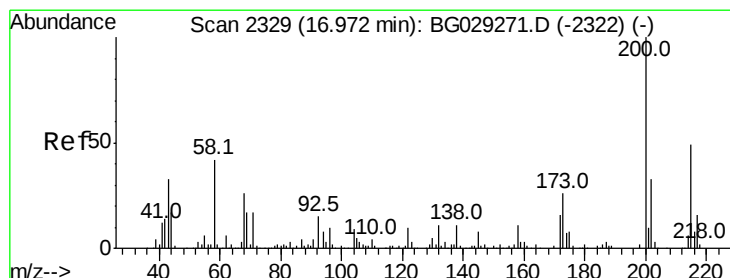
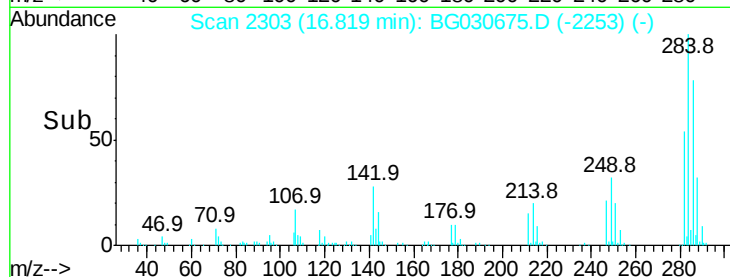
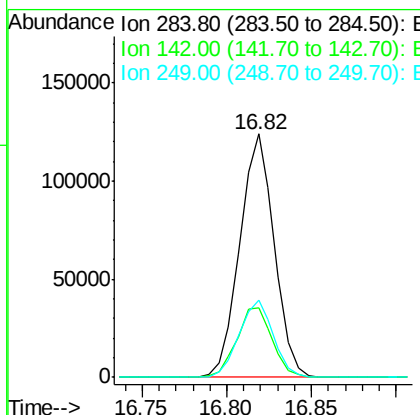
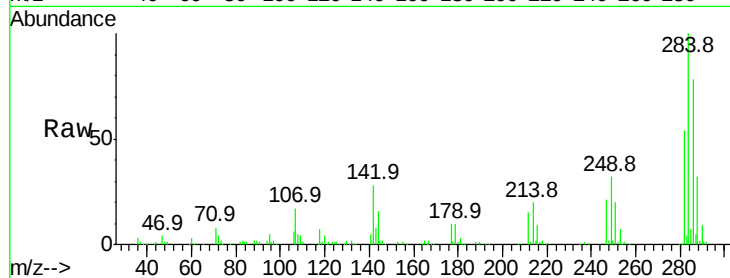




#67  
Hexachlorobenzene  
Concen: 26.671 ng  
RT: 16.82 min Scan# 2303  
Delta R.T. -0.01 min  
Lab File: BG030675.D  
Acq: 2 Nov 2017 23:09

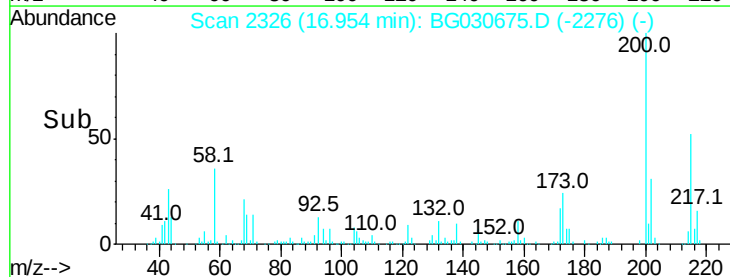
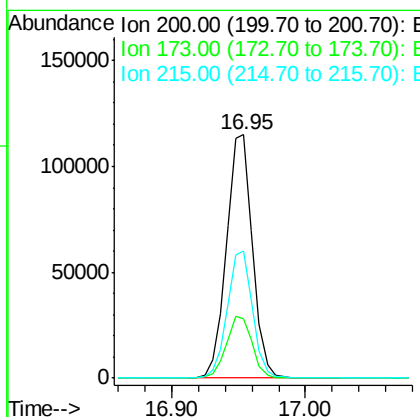
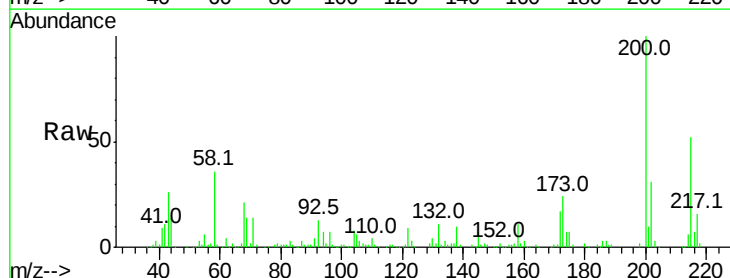
Instrument :  
BNA\_G  
ClientSampleId :

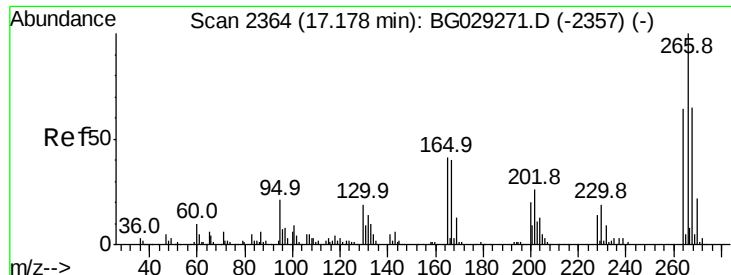
Tot Ion:284 Resp: 175885  
Ion Ratio Lower Upper  
284 100  
142 28.4 26.8 40.2  
249 31.7 26.3 39.5



#68  
Atrazine  
Concen: 28.935 ng  
RT: 16.95 min Scan# 2326  
Delta R.T. -0.01 min  
Lab File: BG030675.D  
Acq: 2 Nov 2017 23:09

Tgt Ion:200 Resp: 156916  
Ion Ratio Lower Upper  
200 100  
173 24.4 5.2 45.2  
215 52.4 30.4 70.4

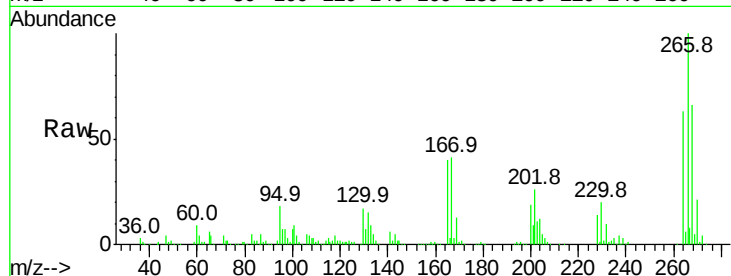




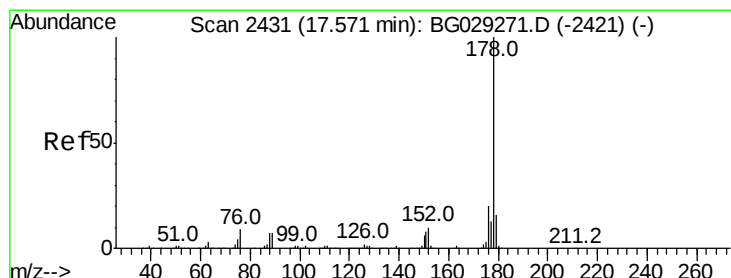
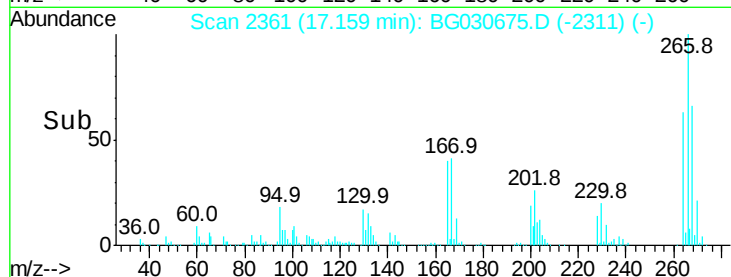
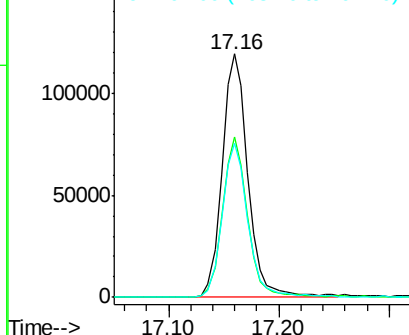
#69  
 Pentachlorophenol  
 Concen: 51.374 ng  
 RT: 17.16 min Scan# 2361  
 Delta R.T. -0.01 min  
 Lab File: BG030675.D  
 Acq: 2 Nov 2017 23:09

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:266 Resp: 194620  
 Ion Ratio Lower Upper  
 266 100  
 268 65.8 51.1 76.7  
 264 63.4 49.6 74.4

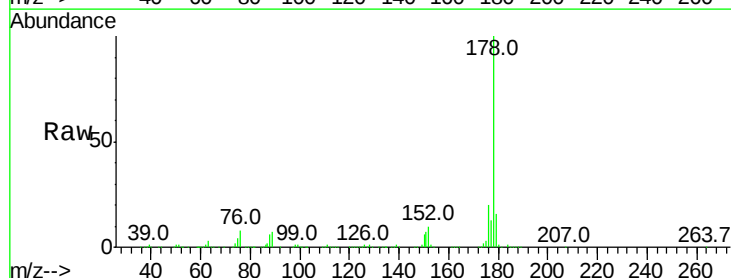


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

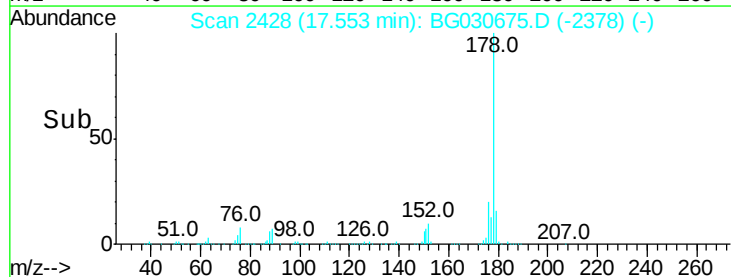
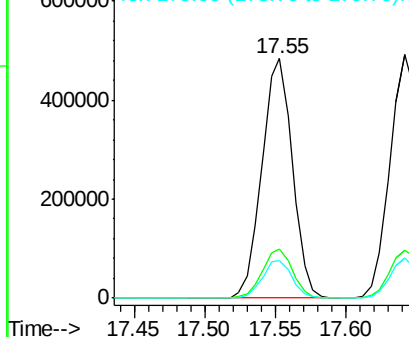


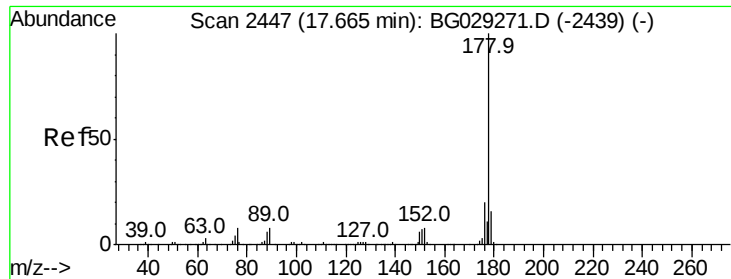
#70  
 Phenanthrene  
 Concen: 28.106 ng  
 RT: 17.55 min Scan# 2428  
 Delta R.T. -0.01 min  
 Lab File: BG030675.D  
 Acq: 2 Nov 2017 23:09

Tgt Ion:178 Resp: 736669  
 Ion Ratio Lower Upper  
 178 100  
 176 20.4 15.7 23.5  
 179 15.7 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

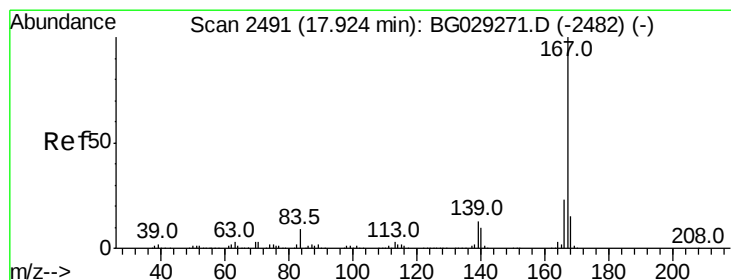
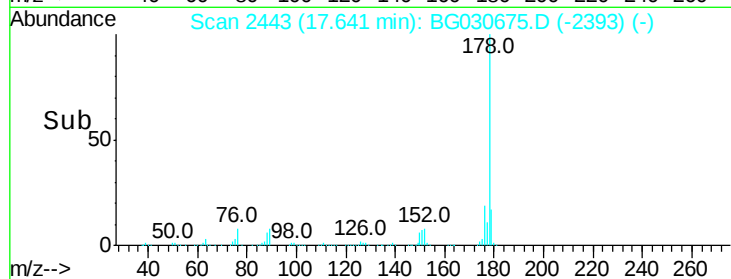
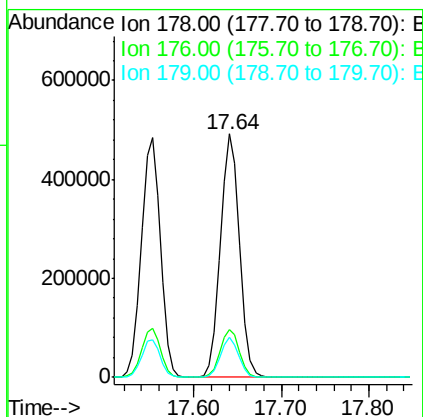
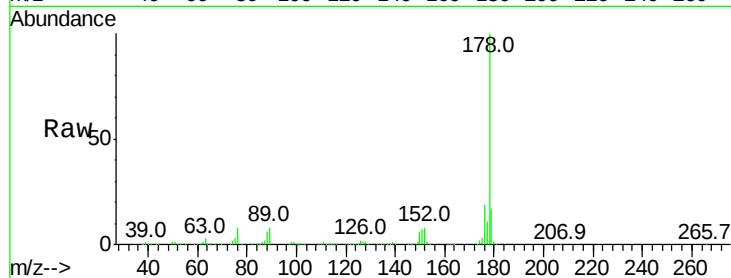




#71  
 Anthracene  
 Concen: 28.323 ng  
 RT: 17.64 min Scan# 2443  
 Delta R.T. -0.01 min  
 Lab File: BG030675.D  
 Acq: 2 Nov 2017 23:09

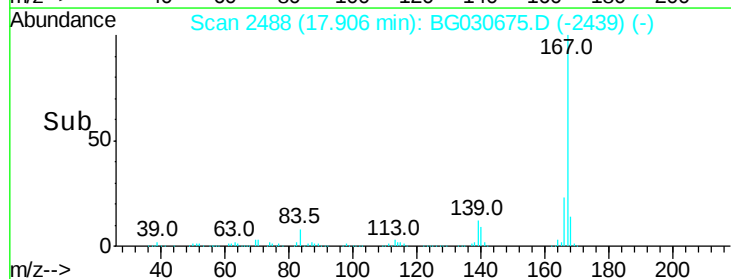
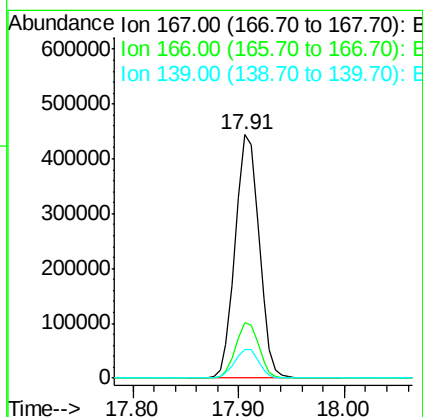
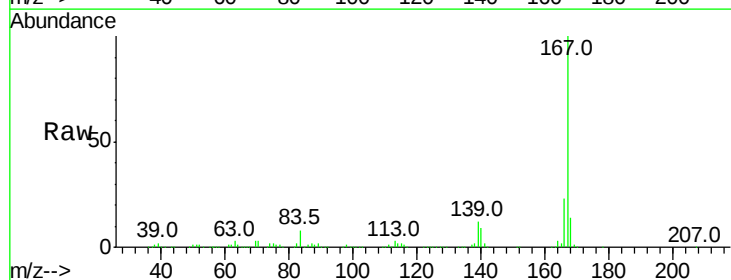
Instrument :  
 BNA\_G  
 ClientSampleId :

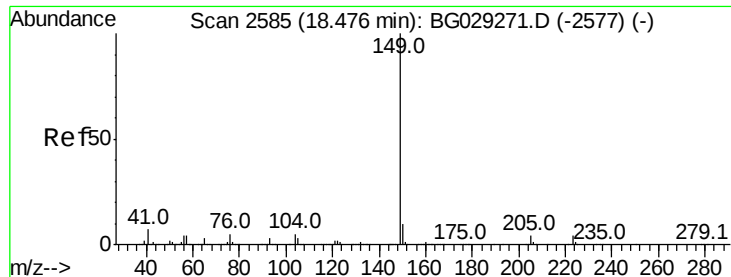
Tot Ion:178 Resp: 745425  
 Ion Ratio Lower Upper  
 178 100  
 176 19.4 16.0 24.0  
 179 16.5 12.5 18.7



#72  
 Carbazole  
 Concen: 27.475 ng  
 RT: 17.91 min Scan# 2488  
 Delta R.T. -0.01 min  
 Lab File: BG030675.D  
 Acq: 2 Nov 2017 23:09

Tgt Ion:167 Resp: 694624  
 Ion Ratio Lower Upper  
 167 100  
 166 22.6 18.2 27.4  
 139 12.0 9.4 14.2

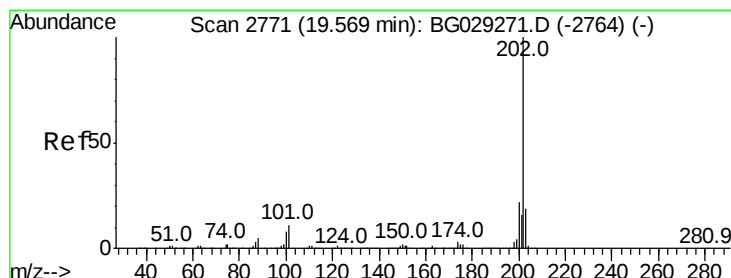
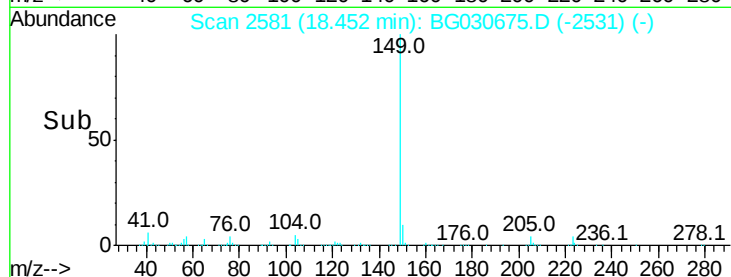
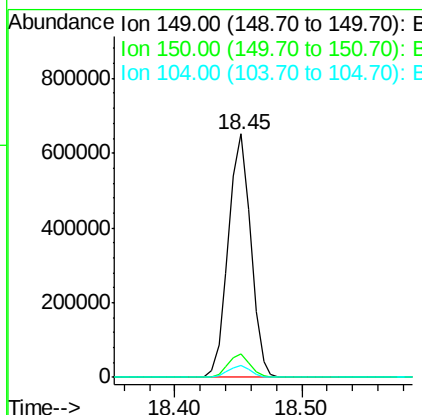
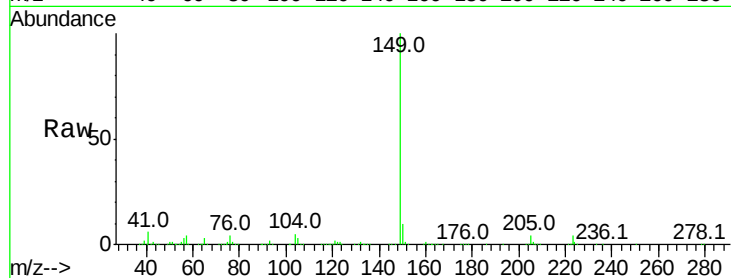




#73  
Di-n-butylphthalate  
Concen: 27.378 ng  
RT: 18.45 min Scan# 2581  
Delta R.T. -0.01 min  
Lab File: BG030675.D  
Acq: 2 Nov 2017 23:09

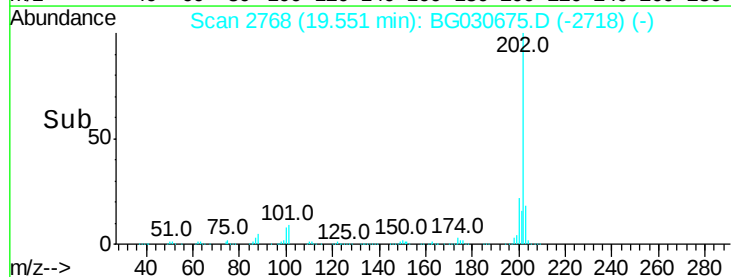
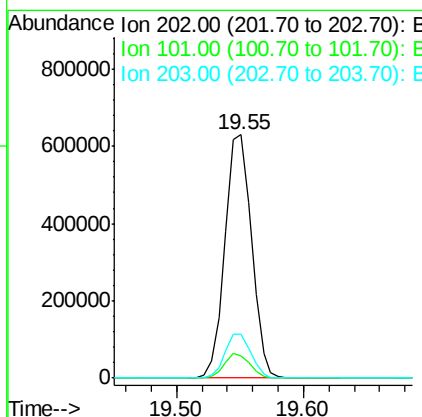
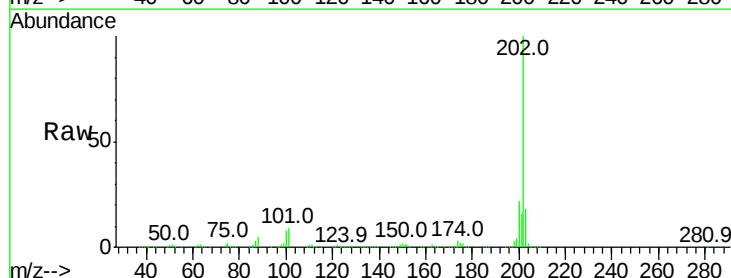
Instrument :  
BNA\_G  
ClientSampleId :

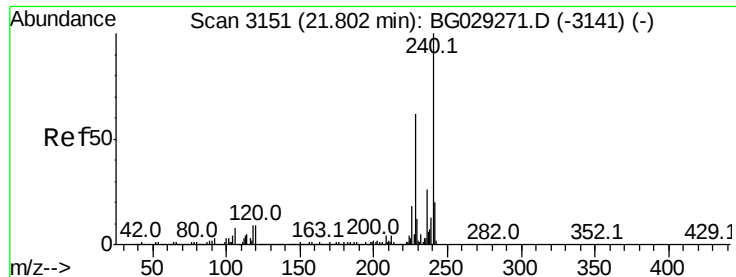
Tot Ion:149 Resp: 796090  
Ion Ratio Lower Upper  
149 100  
150 9.7 7.8 11.6  
104 4.8 3.9 5.9



#74  
Fluoranthene  
Concen: 29.919 ng  
RT: 19.55 min Scan# 2768  
Delta R.T. -0.01 min  
Lab File: BG030675.D  
Acq: 2 Nov 2017 23:09

Tgt Ion:202 Resp: 917218  
Ion Ratio Lower Upper  
202 100  
101 9.1 0.0 28.9  
203 18.0 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG030675.D

Acq: 2 Nov 2017 23:09

Instrument :

BNA\_G

ClientSampleId :

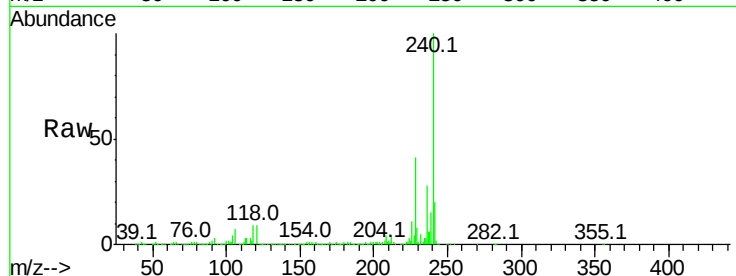
Tot Ion:240 Resp: 549621

Ion Ratio Lower Upper

240 100

120 9.0 6.8 10.2

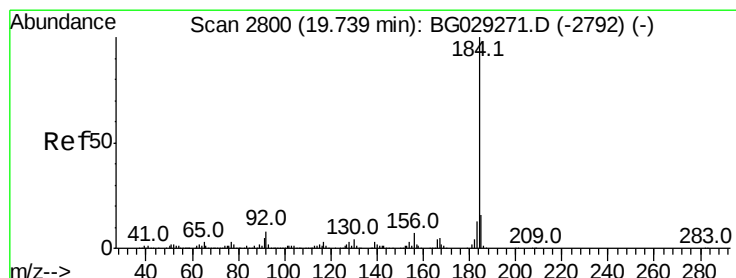
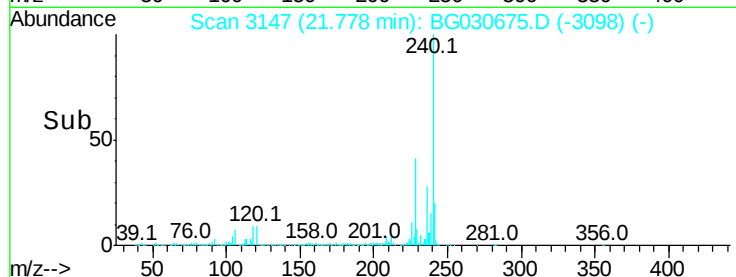
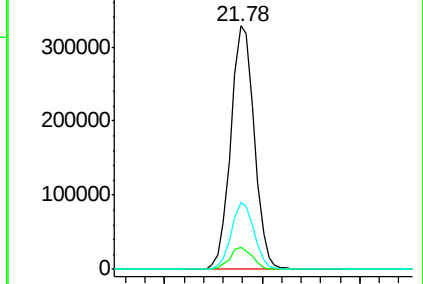
236 27.8 20.9 31.3



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: 17.266 ng

RT: 19.72 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BG030675.D

Acq: 2 Nov 2017 23:09

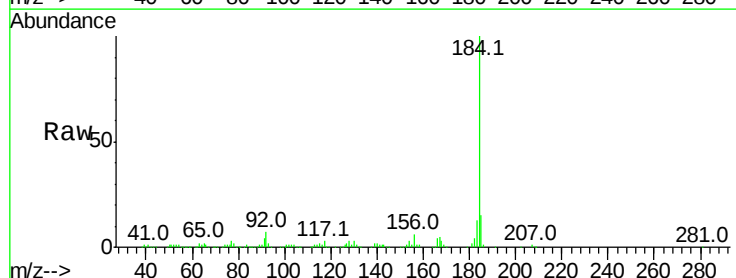
Tgt Ion:184 Resp: 286535

Ion Ratio Lower Upper

184 100

185 14.8 11.1 16.7

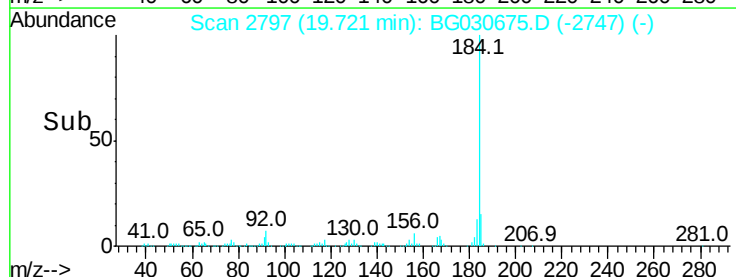
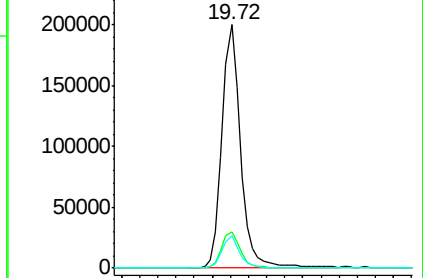
183 13.2 10.6 16.0

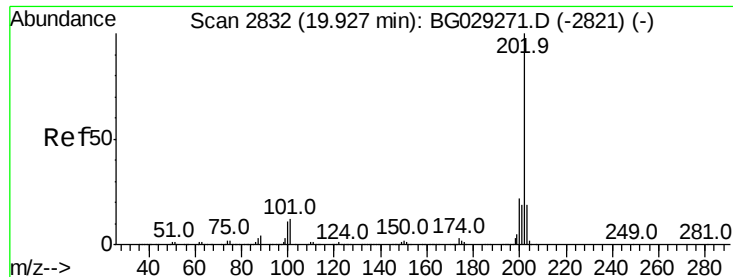


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

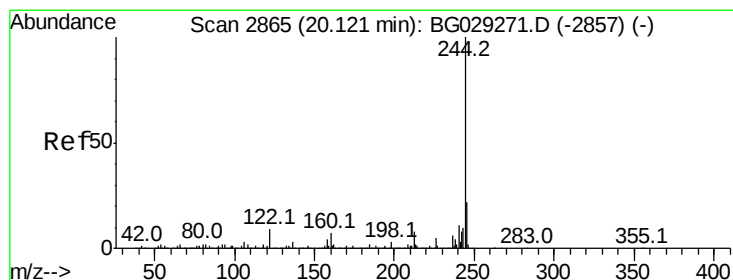
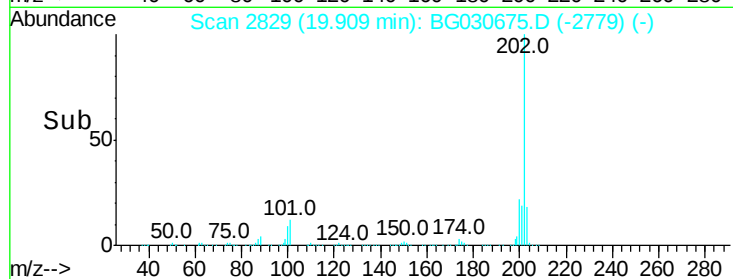
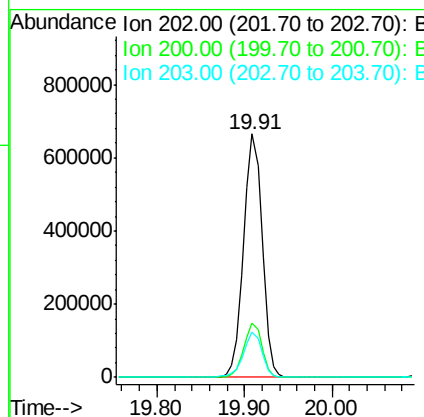
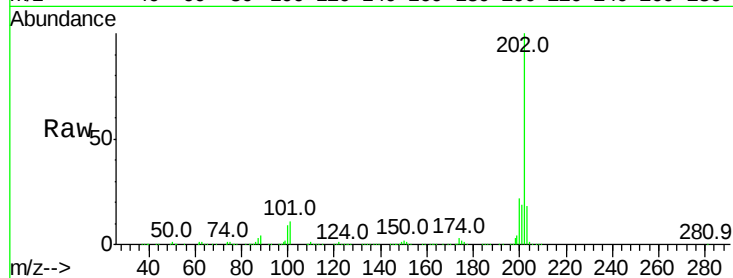




#77  
Pvrene  
Concen: 28.284 ng  
RT: 19.91 min Scan# 2829  
Delta R.T. -0.01 min  
Lab File: BG030675.D  
Acq: 2 Nov 2017 23:09

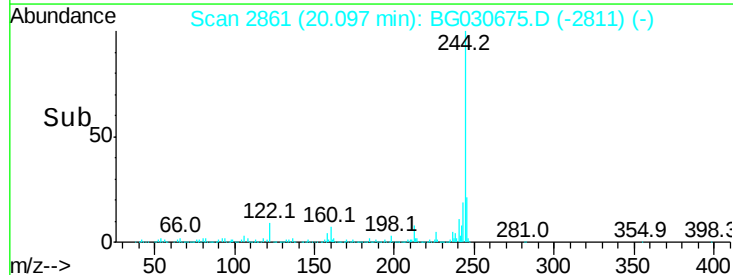
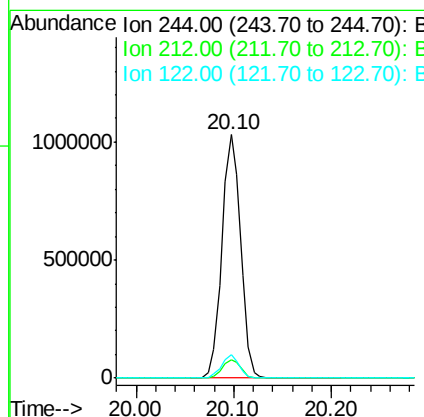
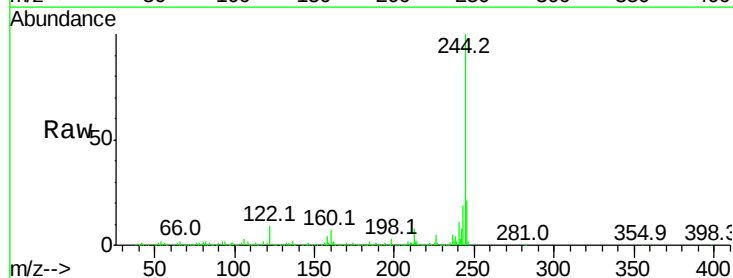
Instrument :  
BNA\_G  
ClientSampleId :

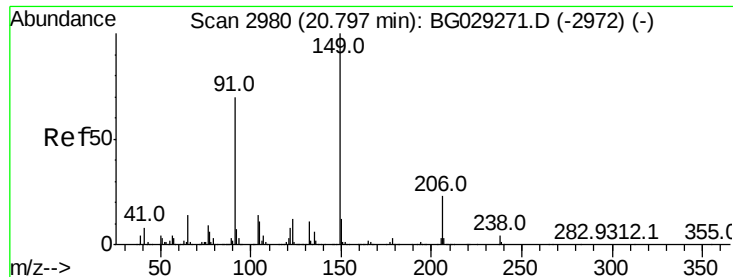
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 22.1  | 16.9  | 25.3  |
| 203     | 18.5  | 13.9  | 20.9  |



#78  
Terphenyl-d14  
Concen: 56.538 ng  
RT: 20.10 min Scan# 2861  
Delta R.T. -0.01 min  
Lab File: BG030675.D  
Acq: 2 Nov 2017 23:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.8   | 5.8   | 8.8   |
| 122     | 9.5   | 7.0   | 10.4  |

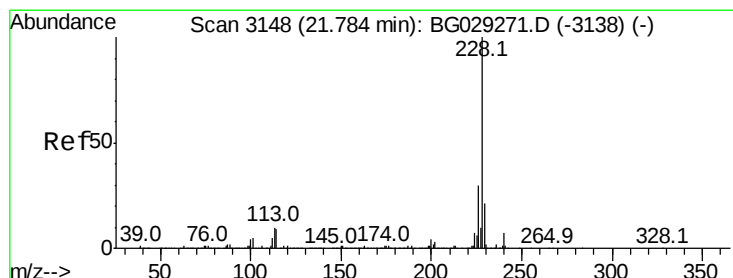
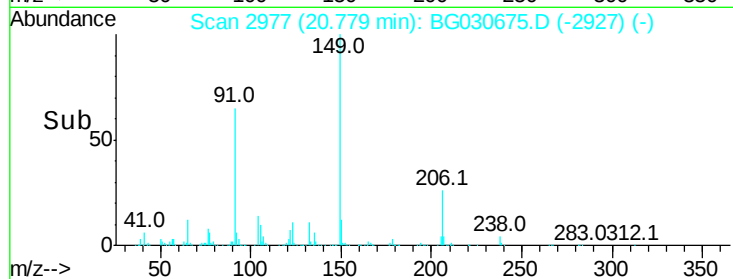
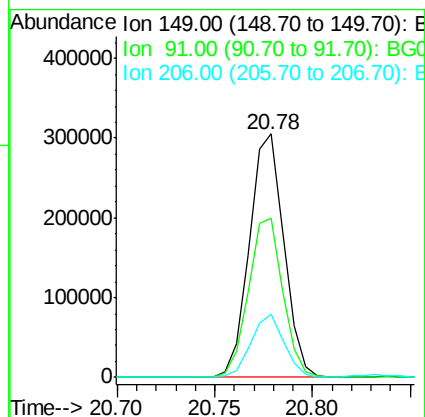
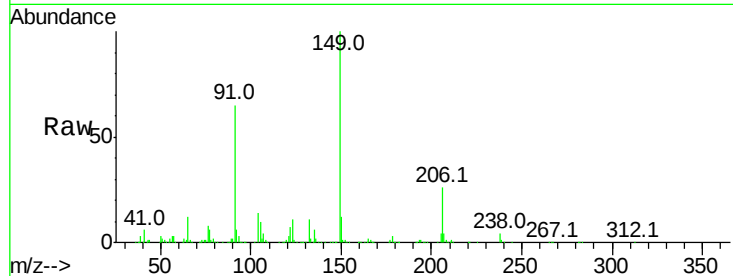




#79  
Butylbenzylphthalate  
Concen: 26.245 ng  
RT: 20.78 min Scan# 2977  
Delta R.T. -0.01 min  
Lab File: BG030675.D  
Acq: 2 Nov 2017 23:09

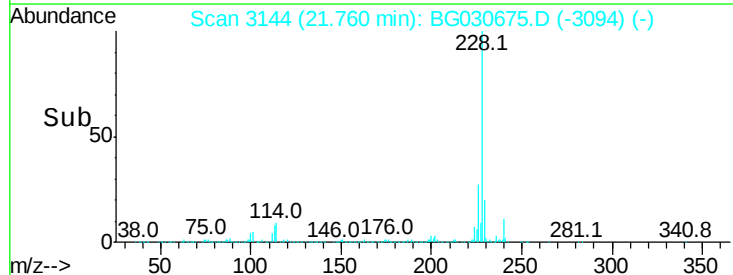
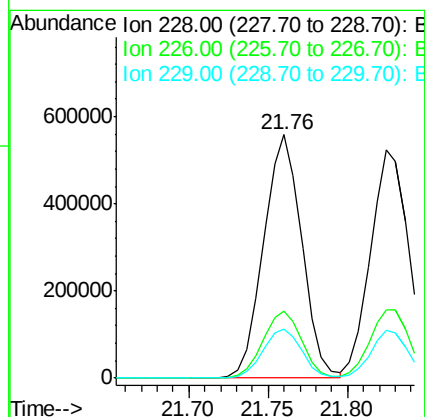
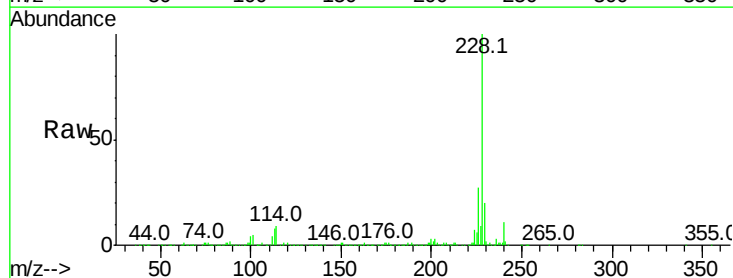
Instrument :  
BNA\_G  
ClientSampleId :

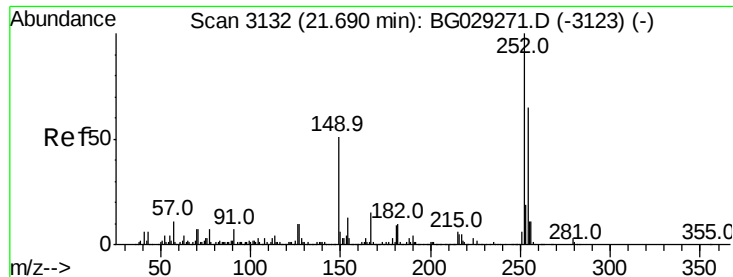
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 65.3  | 62.2  | 93.2  |
| 206     | 26.0  | 18.6  | 27.8  |



#80  
Benzo(a)anthracene  
Concen: 28.975 ng  
RT: 21.76 min Scan# 3144  
Delta R.T. -0.01 min  
Lab File: BG030675.D  
Acq: 2 Nov 2017 23:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.4  | 22.7  | 34.1  |
| 229     | 20.1  | 16.2  | 24.2  |

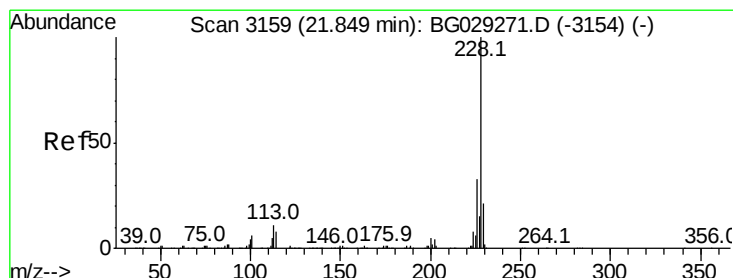
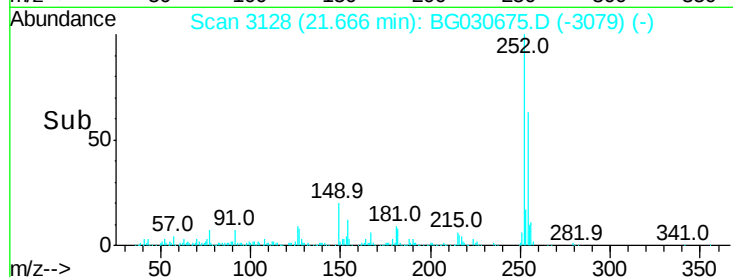
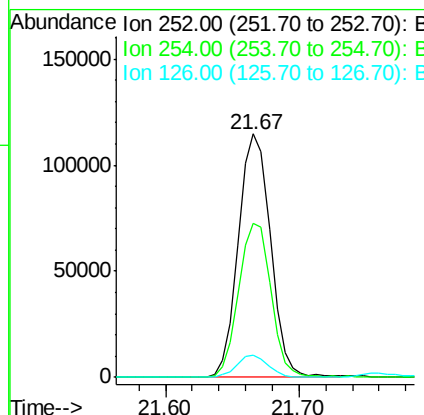
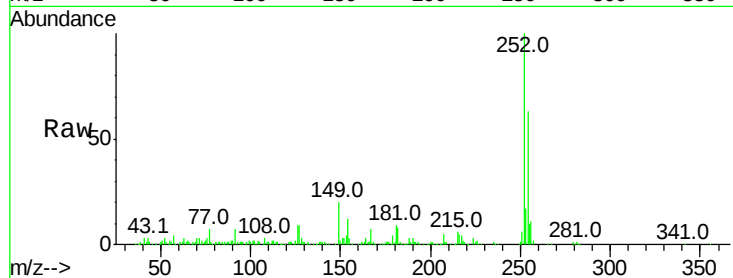




#81  
 3,3'-Dichlorobenzidine  
 Concen: 14.410 ng  
 RT: 21.67 min Scan# 3128  
 Delta R.T. -0.01 min  
 Lab File: BG030675.D  
 Acq: 2 Nov 2017 23:09

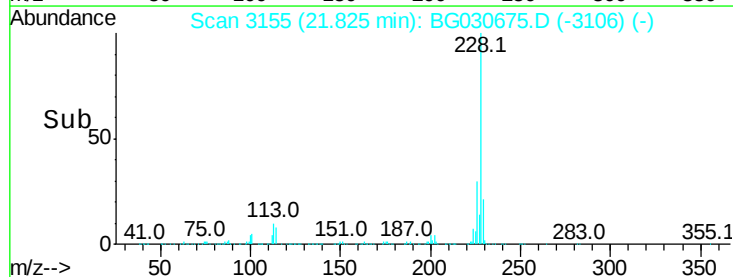
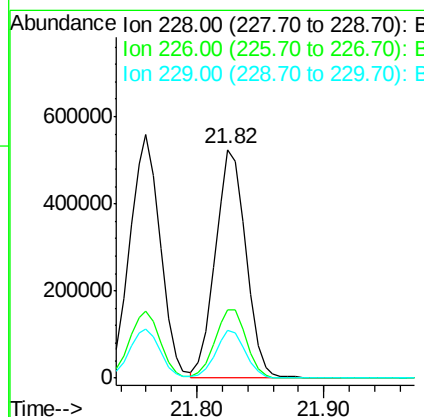
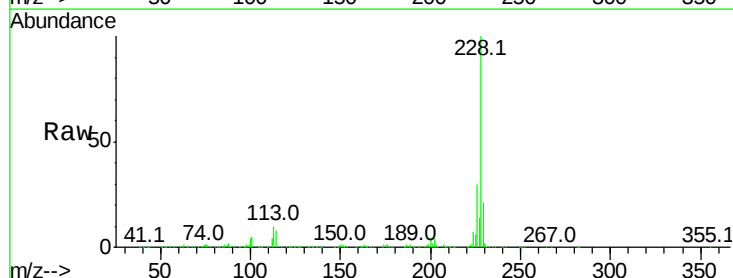
Instrument :  
 BNA\_G  
 ClientSampleId :

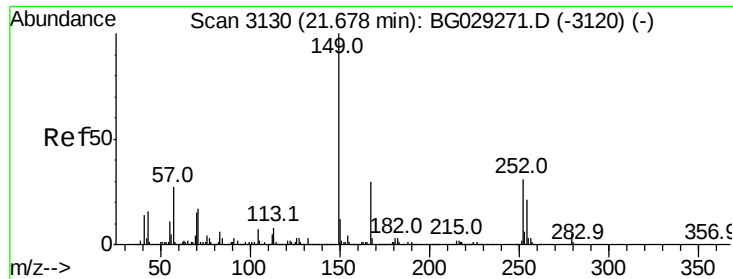
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 63.3  | 50.8  | 76.2  |
| 126     | 9.3   | 7.4   | 11.2  |



#82  
 Chrysene  
 Concen: 28.359 ng  
 RT: 21.82 min Scan# 3155  
 Delta R.T. -0.01 min  
 Lab File: BG030675.D  
 Acq: 2 Nov 2017 23:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.1  | 24.9  | 37.3  |
| 229     | 20.9  | 15.0  | 22.4  |

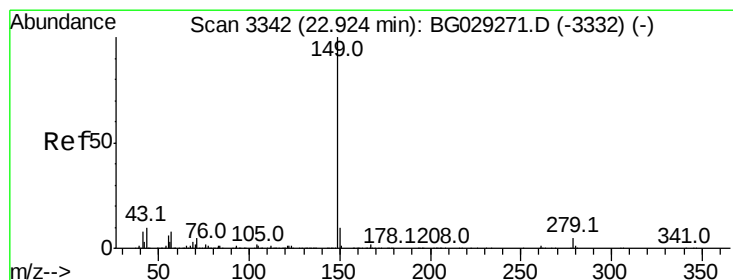
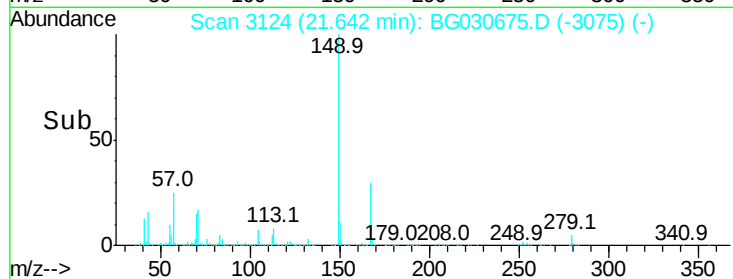
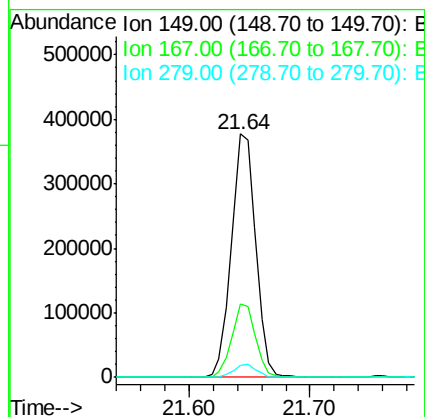
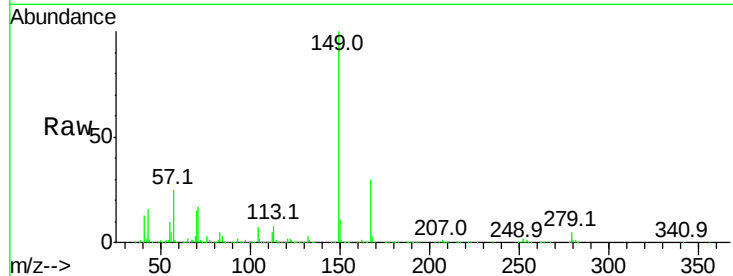




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 25.972 ng  
 RT: 21.64 min Scan# 3124  
 Delta R.T. -0.01 min  
 Lab File: BG030675.D  
 Acq: 2 Nov 2017 23:09

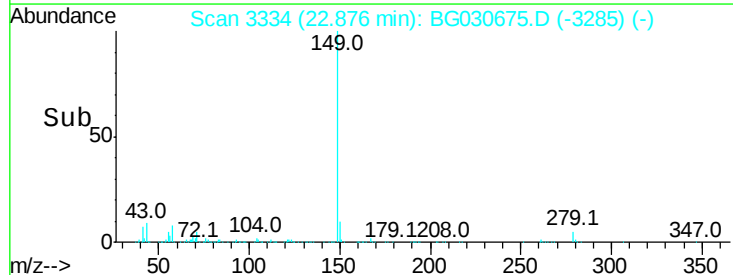
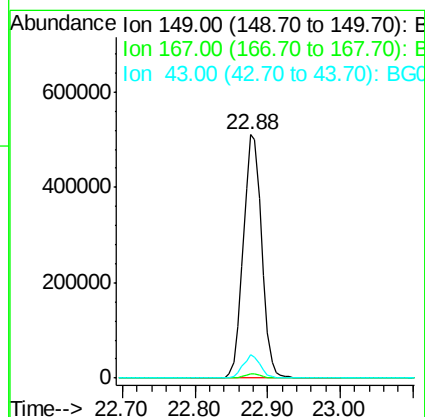
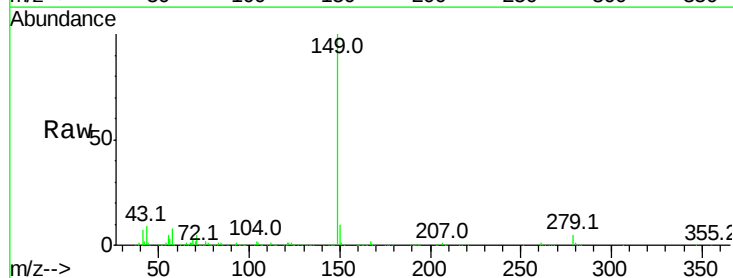
Instrument :  
 BNA\_G  
 ClientSampleId :

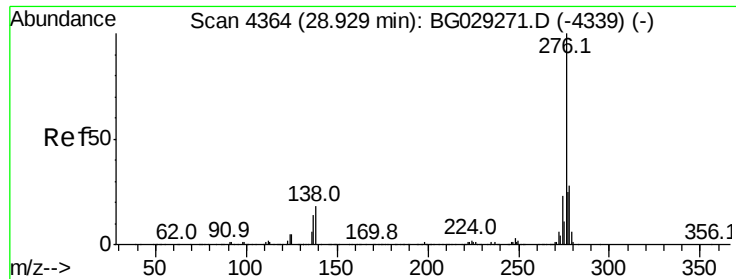
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 30.0  | 24.3  | 36.5  |
| 279     | 4.8   | 4.0   | 6.0   |



#84  
 Di-n-octyl phthalate  
 Concen: 25.320 ng  
 RT: 22.88 min Scan# 3334  
 Delta R.T. -0.01 min  
 Lab File: BG030675.D  
 Acq: 2 Nov 2017 23:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.7   | 1.4   | 2.0   |
| 43      | 8.9   | 8.9   | 13.3  |

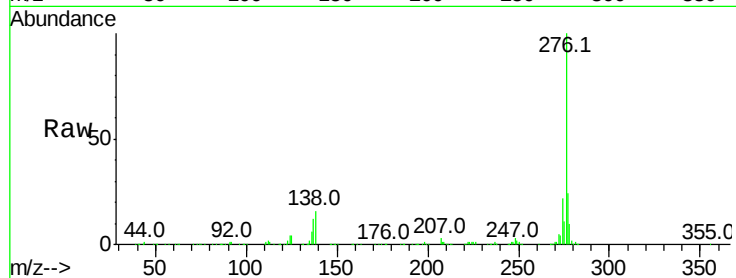




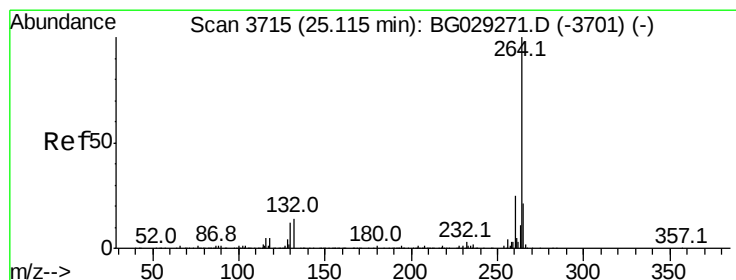
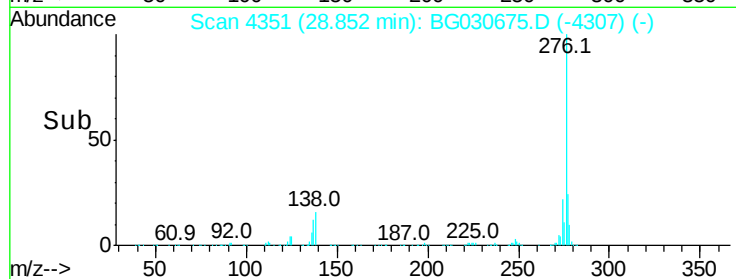
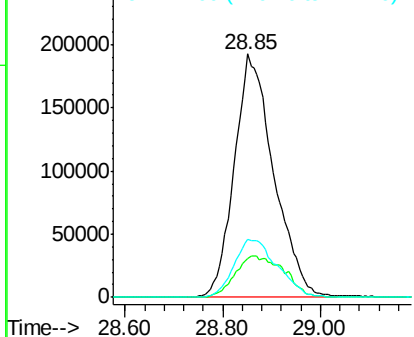
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 28.405 ng  
RT: 28.85 min Scan# 4351  
Delta R.T. -0.04 min  
Lab File: BG030675.D  
Acq: 2 Nov 2017 23:09

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:276 Resp: 1079954  
Ion Ratio Lower Upper  
276 100  
138 21.3 16.0 24.0  
277 26.3 20.0 30.0

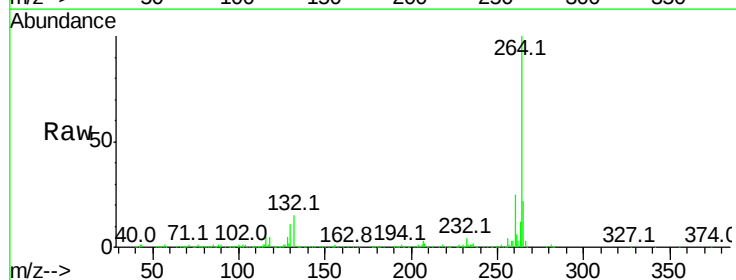


Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E

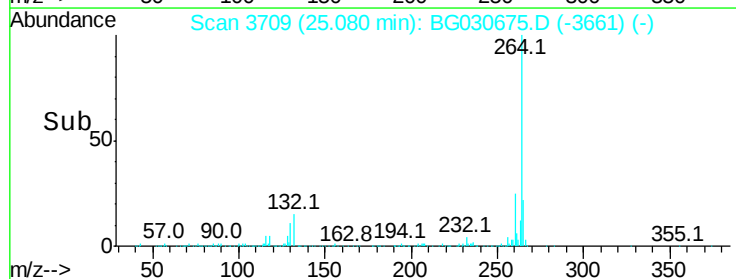
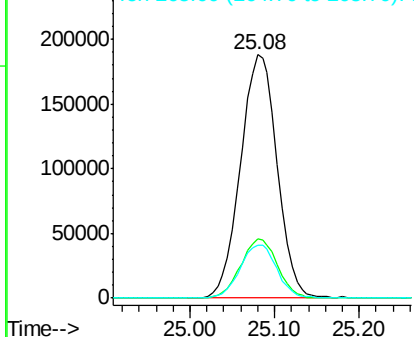


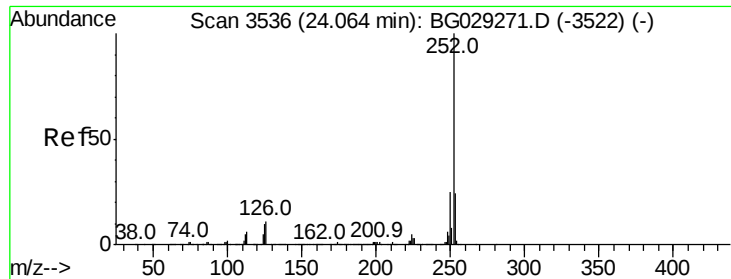
#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.08 min Scan# 3709  
Delta R.T. -0.02 min  
Lab File: BG030675.D  
Acq: 2 Nov 2017 23:09

Tgt Ion:264 Resp: 566743  
Ion Ratio Lower Upper  
264 100  
260 24.5 17.4 26.0  
265 22.0 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E

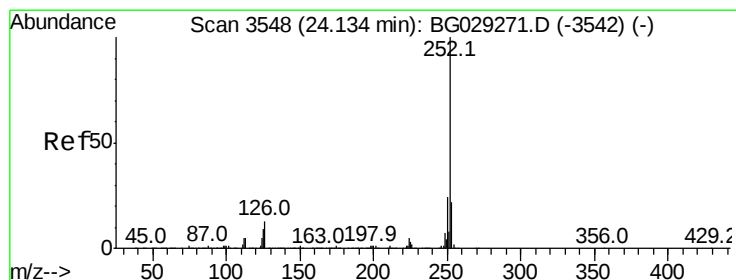
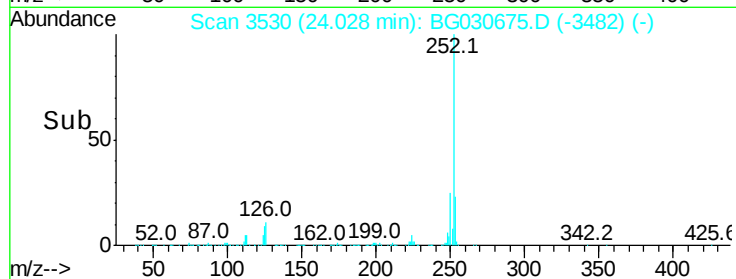
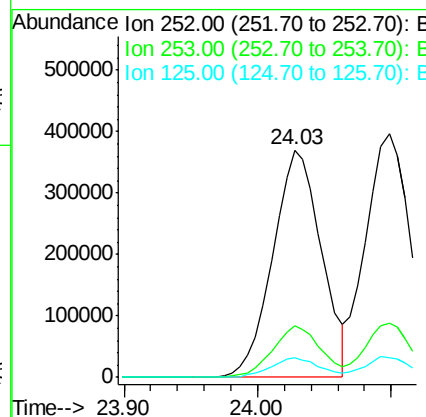
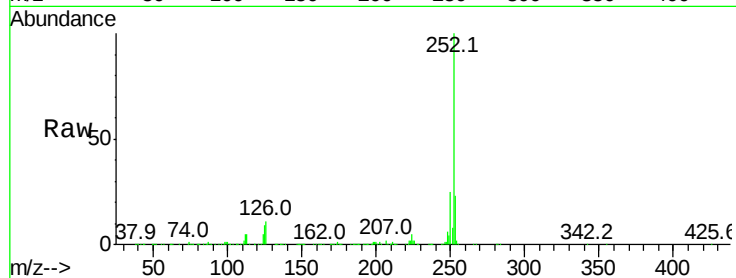




#87  
Benzo(b)fluoranthene  
Concen: 28.720 ng  
RT: 24.03 min Scan# 3530  
Delta R.T. -0.02 min  
Lab File: BG030675.D  
Acq: 2 Nov 2017 23:09

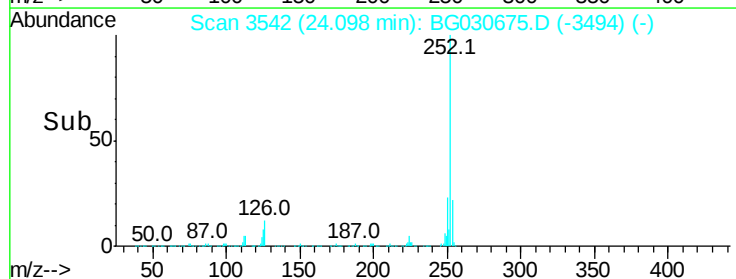
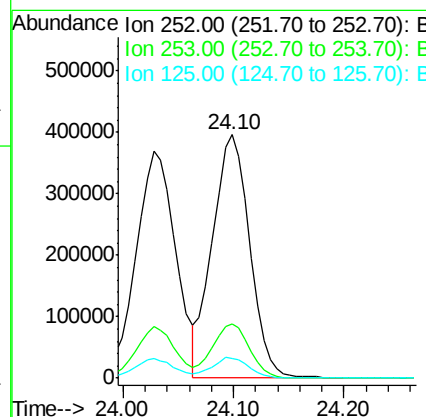
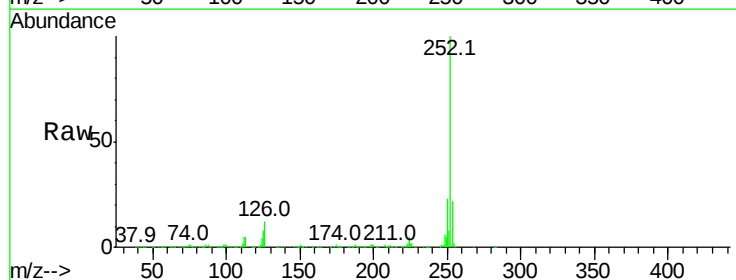
Instrument :  
BNA\_G  
ClientSampled :

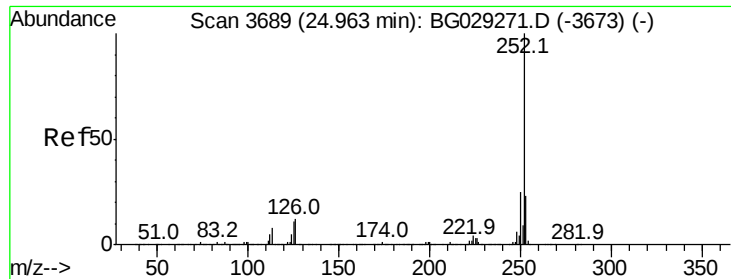
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.6  | 18.2  | 27.4  |
| 125     | 8.5   | 7.2   | 10.8  |



#88  
Benzo(k)fluoranthene  
Concen: 28.568 ng  
RT: 24.10 min Scan# 3542  
Delta R.T. -0.02 min  
Lab File: BG030675.D  
Acq: 2 Nov 2017 23:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.1  | 17.4  | 26.2  |
| 125     | 8.0   | 6.6   | 9.8   |





#89

Benzo(a)pyrene

Concen: 28.941 ng

RT: 24.92 min Scan# 3682

Delta R.T. -0.02 min

Lab File: BG030675.D

Acq: 2 Nov 2017 23:09

Instrument :

BNA\_G

ClientSampleId :

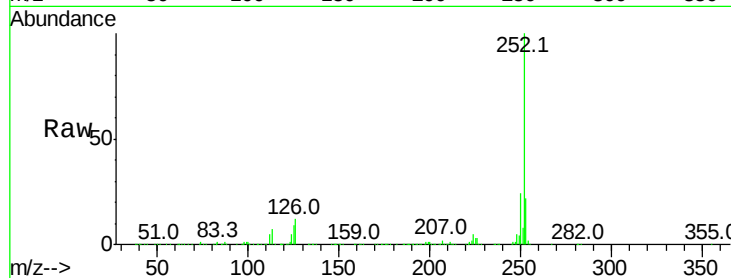
Tot Ion:252 Resp: 902727

Ion Ratio Lower Upper

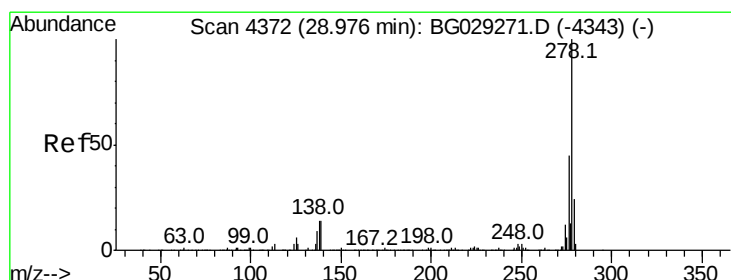
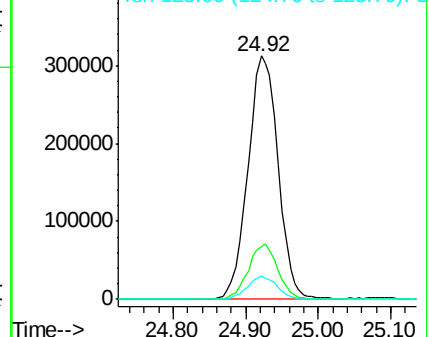
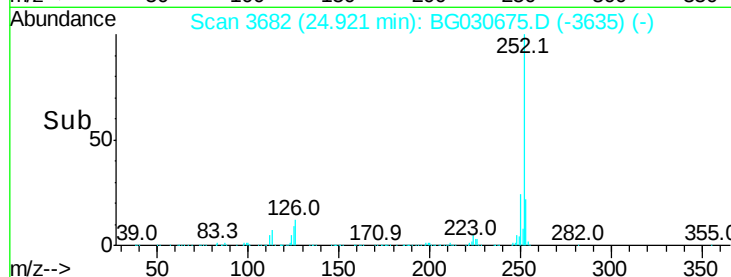
252 100

253 21.5 18.3 27.5

125 9.5 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: 28.621 ng

RT: 28.92 min Scan# 4363

Delta R.T. -0.03 min

Lab File: BG030675.D

Acq: 2 Nov 2017 23:09

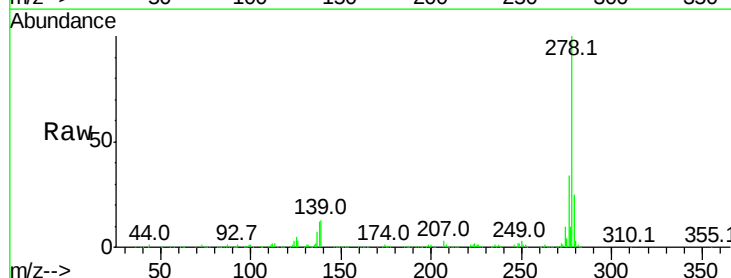
Tgt Ion:278 Resp: 903814

Ion Ratio Lower Upper

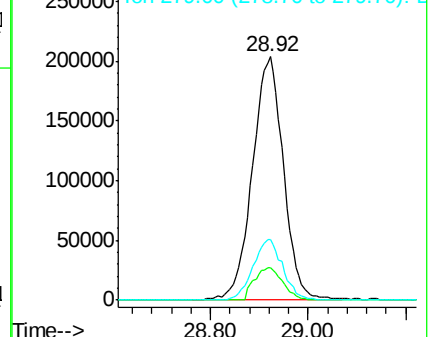
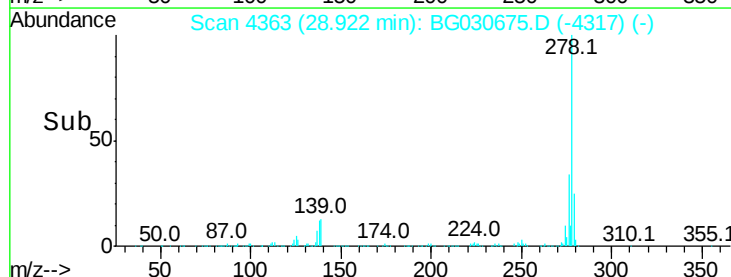
278 100

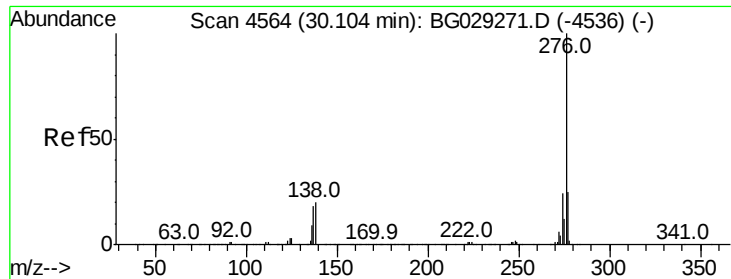
139 13.2 9.8 14.6

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(a,h,i)perylene

Concen: 30.752 ng

RT: 30.04 min Scan# 4554

Delta R.T. -0.04 min

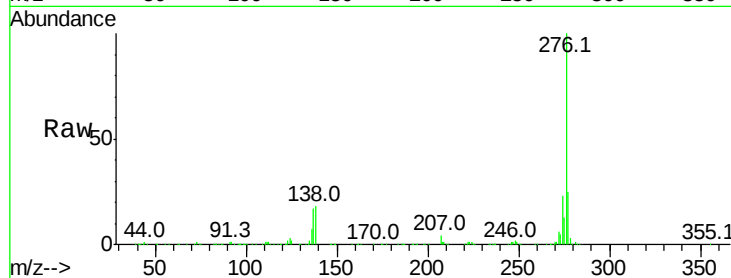
Lab File: BG030675.D

Acq: 2 Nov 2017 23:09

Instrument :

BNA\_G

ClientSampleId :



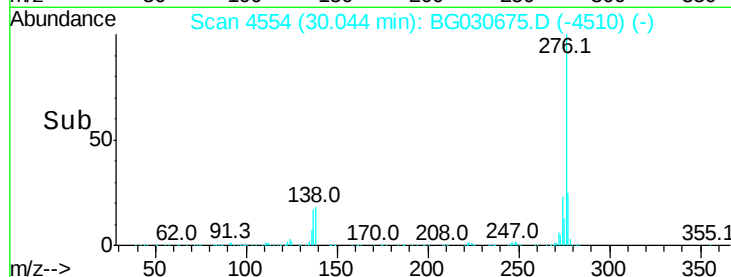
Tot Ion:276 Resp: 902321

Ion Ratio Lower Upper

276 100

277 25.1 18.3 27.5

138 18.0 13.9 20.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

