

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102017\  
 Data File : BG029393.D  
 Acq On : 21 Oct 2017 16:03  
 Operator : SJ/JU  
 Sample : PB103526BS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Oct 21 22:38:11 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 16 17:32:15 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.16  | 152  | 49178    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.98 | 136  | 220588   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 14.78 | 164  | 157358   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 17.52 | 188  | 415088   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 21.79 | 240  | 456751   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 25.10 | 264  | 478146   | 20.00 | ng    | -0.02    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.71  | 112  | 336560   | 114.33 | ng    | 0.00     |
| 7) Phenol-d6                | 7.32  | 99   | 453013   | 109.63 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.33  | 82   | 251970   | 72.59  | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 16.27 | 330  | 263408   | 129.65 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 13.41 | 172  | 742939   | 69.25  | ng    | 0.00     |
| 78) Terphenyl-d14           | 20.11 | 244  | 1385653  | 69.01  | ng    | -0.01    |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.58  | 88   | 39066    | 32.707 | ng    | 88     |
| 3) Pyridine                    | 3.98  | 79   | 108123   | 31.086 | ng    | 92     |
| 4) n-Nitrosodimethylamine      | 3.89  | 42   | 55177    | 33.937 | ng    | # 93   |
| 6) Aniline                     | 7.48  | 93   | 104758   | 20.474 | ng    | 96     |
| 8) 2-Chlorophenol              | 7.73  | 128  | 117734   | 34.891 | ng    | 89     |
| 9) Benzaldehyde                | 7.29  | 77   | 86927    | 41.825 | ng    | 95     |
| 10) Phenol                     | 7.34  | 94   | 160017   | 35.920 | ng    | 92     |
| 11) bis(2-Chloroethyl)ether    | 7.57  | 93   | 105539   | 32.517 | ng    | 93     |
| 12) 1,3-Dichlorobenzene        | 8.05  | 146  | 121882   | 32.173 | ng    | 96     |
| 13) 1,4-Dichlorobenzene        | 8.20  | 146  | 124323   | 32.143 | ng    | 94     |
| 14) 1,2-Dichlorobenzene        | 8.52  | 146  | 118141   | 31.668 | ng    | 100    |
| 15) Benzyl Alcohol             | 8.39  | 79   | 107487   | 36.913 | ng    | 94     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.69  | 45   | 179963   | 32.649 | ng    | 97     |
| 17) 2-Methylphenol             | 8.60  | 107  | 108085   | 36.524 | ng    | 97     |
| 18) Hexachloroethane           | 9.26  | 117  | 42208    | 32.022 | ng    | 100    |
| 19) n-Nitroso-di-n-propylamine | 8.96  | 70   | 89931    | 32.008 | ng    | # 93   |
| 20) 3+4-Methylphenols          | 8.93  | 107  | 152444   | 36.560 | ng    | 96     |
| 22) Acetophenone               | 8.99  | 105  | 171894   | 32.335 | ng    | # 93   |
| 24) Nitrobenzene               | 9.37  | 77   | 130698   | 33.487 | ng    | 95     |
| 25) Isophorone                 | 9.89  | 82   | 257409   | 35.521 | ng    | 96     |
| 26) 2-Nitrophenol              | 10.09 | 139  | 64869    | 34.775 | ng    | 90     |
| 27) 2,4-Dimethylphenol         | 10.14 | 122  | 124719   | 36.954 | ng    | 91     |
| 28) bis(2-Chloroethoxy)methane | 10.37 | 93   | 158302   | 35.625 | ng    | 94     |
| 29) 2,4-Dichlorophenol         | 10.62 | 162  | 137006   | 38.068 | ng    | 92     |
| 30) 1,2,4-Trichlorobenzene     | 10.84 | 180  | 133987   | 34.460 | ng    | 96     |
| 31) Naphthalene                | 11.03 | 128  | 365822   | 33.276 | ng    | 98     |
| 32) Benzoic acid               | 10.25 | 122  | 91508    | 32.382 | ng    | # 86   |
| 33) 4-Chloroaniline            | 11.13 | 127  | 79041    | 17.092 | ng    | 96     |
| 34) Hexachlorobutadiene        | 11.31 | 225  | 79803    | 33.011 | ng    | 97     |
| 35) Caprolactam                | 11.89 | 113  | 52791    | 44.136 | ng    | # 88   |
| 36) 4-Chloro-3-methylphenol    | 12.24 | 107  | 151542   | 38.284 | ng    | 88     |
| 37) 2-Methylnaphthalene        | 12.62 | 142  | 290194   | 36.218 | ng    | 92     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.99 | 216  | 160813   | 27.991 | ng    | 96     |
| 40) Hexachlorocyclopentadiene  | 12.97 | 237  | 196039   | 89.488 | ng    | 92     |

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 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

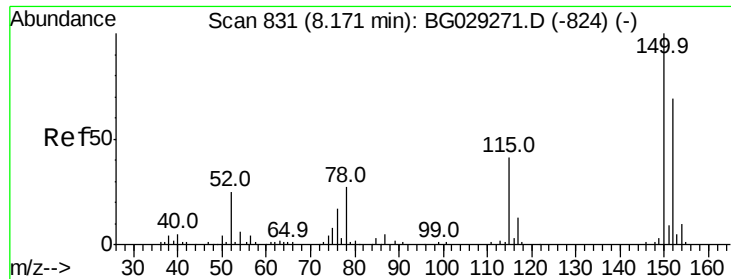
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Oct 21 22:38:11 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 16 17:32:15 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.22 | 196  | 122804   | 34.050 | ng    | 99       |
| 43) 2,4,5-Trichlorophenol      | 13.29 | 196  | 140880   | 38.036 | ng    | 96       |
| 45) 1,1'-Biphenyl              | 13.62 | 154  | 405399   | 29.973 | ng    | 97       |
| 46) 2-Chloronaphthalene        | 13.66 | 162  | 312852   | 31.711 | ng    | 97       |
| 47) 2-Nitroaniline             | 13.86 | 65   | 104223   | 38.461 | ng    | # 88     |
| 48) Acenaphthylene             | 14.50 | 152  | 515906   | 33.413 | ng    | 98       |
| 49) Dimethylphthalate          | 14.23 | 163  | 451925   | 36.809 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.35 | 165  | 99556    | 38.681 | ng    | # 78     |
| 51) Acenaphthene               | 14.84 | 154  | 326120   | 32.463 | ng    | 97       |
| 52) 3-Nitroaniline             | 14.68 | 138  | 63548    | 22.882 | ng    | # 79     |
| 53) 2,4-Dinitrophenol          | 14.89 | 184  | 81237    | 59.199 | ng    | # 55     |
| 54) Dibenzofuran               | 15.18 | 168  | 527674   | 36.794 | ng    | 100      |
| 55) 4-Nitrophenol              | 14.98 | 139  | 170078   | 74.282 | ng    | 86       |
| 56) 2,4-Dinitrotoluene         | 15.13 | 165  | 145579   | 41.784 | ng    | # 79     |
| 57) Fluorene                   | 15.83 | 166  | 428188   | 36.142 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.40 | 232  | 137592   | 44.526 | ng    | 95       |
| 59) Diethylphthalate           | 15.59 | 149  | 465109   | 38.012 | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.81 | 204  | 237282   | 37.565 | ng    | 95       |
| 61) 4-Nitroaniline             | 15.84 | 138  | 112720   | 39.526 | ng    | 90       |
| 62) Azobenzene                 | 16.10 | 77   | 401702   | 38.932 | ng    | 98       |
| 64) 4,6-Dinitro-2-methylphenol | 15.90 | 198  | 73555    | 32.915 | ng    | 81       |
| 65) n-Nitrosodiphenylamine     | 16.03 | 169  | 402339   | 32.357 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.70 | 248  | 162171   | 34.048 | ng    | 98       |
| 67) Hexachlorobenzene          | 16.82 | 284  | 175167   | 32.467 | ng    | 98       |
| 68) Atrazine                   | 16.96 | 200  | 162127   | 36.542 | ng    | 97       |
| 69) Pentachlorophenol          | 17.17 | 266  | 217341   | 70.126 | ng    | 97       |
| 70) Phenanthrene               | 17.56 | 178  | 745279   | 34.755 | ng    | 99       |
| 71) Anthracene                 | 17.65 | 178  | 761776   | 35.379 | ng    | 99       |
| 72) Carbazole                  | 17.92 | 167  | 707066   | 34.184 | ng    | 99       |
| 73) Di-n-butylphthalate        | 18.46 | 149  | 830879   | 34.927 | ng    | 99       |
| 74) Fluoranthene               | 19.56 | 202  | 928799   | 37.032 | ng    | 98       |
| 76) Benzidine                  | 19.73 | 184  | 361795   | 26.234 | ng    | 99       |
| 77) Pyrene                     | 19.92 | 202  | 958080   | 34.579 | ng    | 98       |
| 79) Butylbenzylphthalate       | 20.79 | 149  | 393872   | 33.366 | ng    | 88       |
| 80) Benzo(a)anthracene         | 21.77 | 228  | 957182   | 35.693 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.68 | 252  | 225495   | 20.372 | ng    | 98       |
| 82) Chrysene                   | 21.84 | 228  | 900923   | 35.080 | ng    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 21.66 | 149  | 548389   | 32.370 | ng    | 98       |
| 84) Di-n-octyl phthalate       | 22.90 | 149  | 951316   | 32.220 | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene     | 28.87 | 276  | 1148338  | 36.345 | ng    | 99       |
| 87) Benzo(b)fluoranthene       | 24.05 | 252  | 971104   | 35.475 | ng    | 98       |
| 88) Benzo(k)fluoranthene       | 24.11 | 252  | 969069   | 35.534 | ng    | 99       |
| 89) Benzo(a)pyrene             | 24.94 | 252  | 950195   | 36.107 | ng    | 98       |
| 90) Dibenzo(a,h)anthracene     | 28.94 | 278  | 956616   | 35.906 | ng    | 99       |
| 91) Benzo(g,h,i)perylene       | 30.06 | 276  | 948681   | 38.323 | ng    | 99       |

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



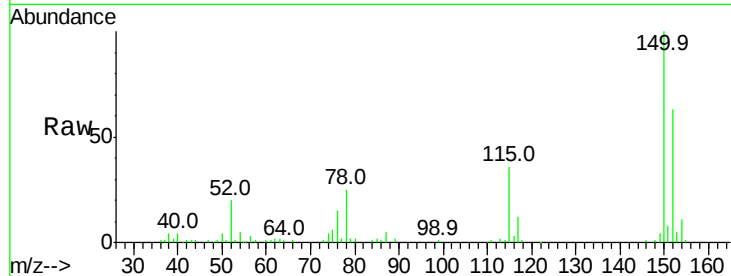


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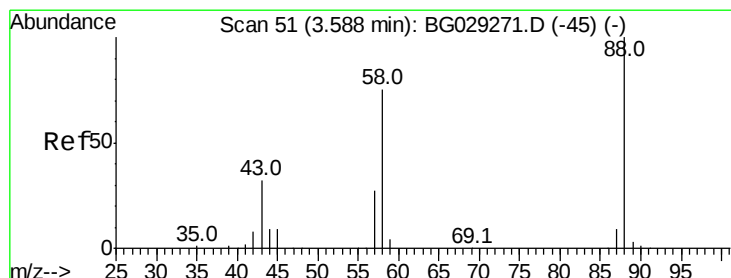
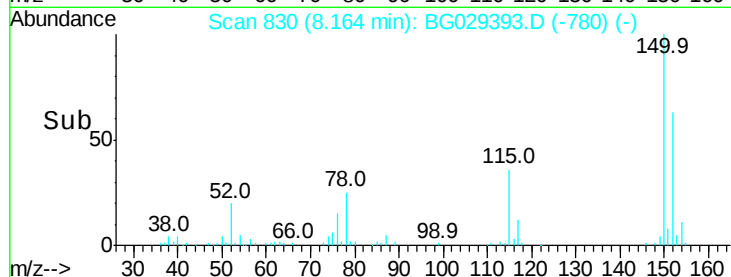
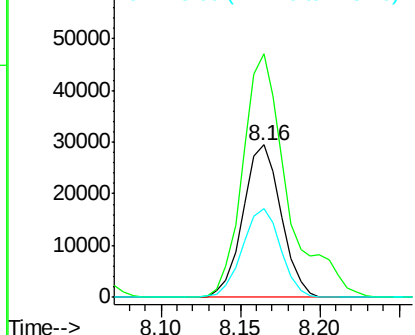
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.16 min Scan# 830  
Delta R.T. -0.01 min  
Lab File: BG029393.D  
Acq: 21 Oct 2017 16:03

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:152 Resp: 49178  
Ion Ratio Lower Upper  
152 100  
150 159.9 126.6 189.8  
115 58.1 53.0 79.4



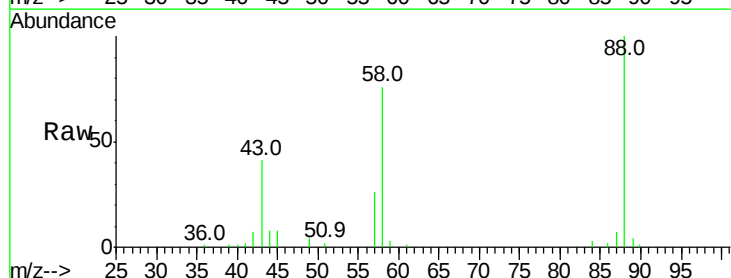
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



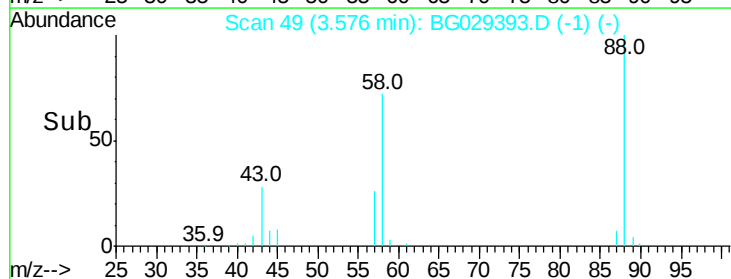
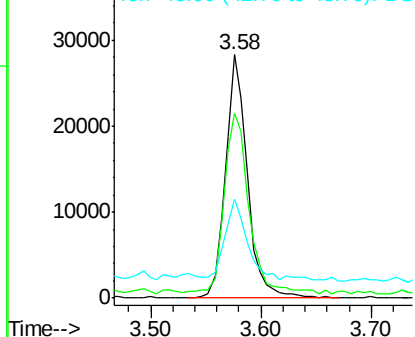
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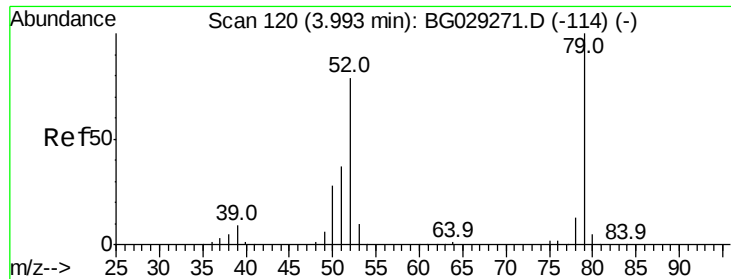
1,4-Dioxane  
Concen: 32.707 ng  
RT: 3.58 min Scan# 49  
Delta R.T. -0.01 min  
Lab File: BG029393.D  
Acq: 21 Oct 2017 16:03

Tgt Ion: 88 Resp: 39066  
Ion Ratio Lower Upper  
88 100  
58 84.7 79.6 119.4  
43 32.9 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

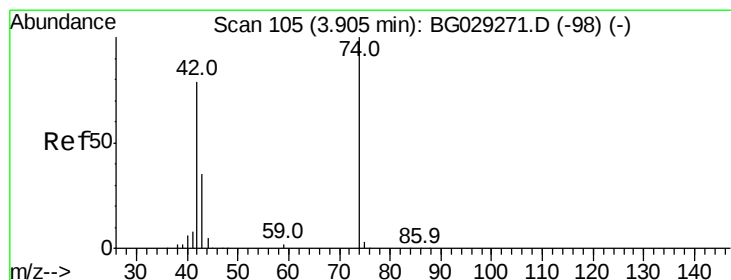
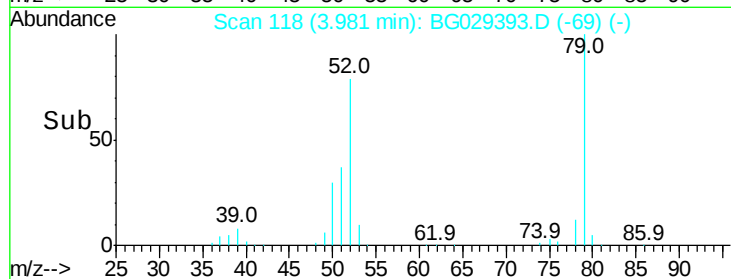
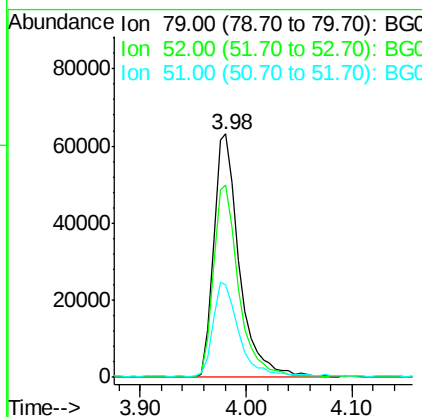
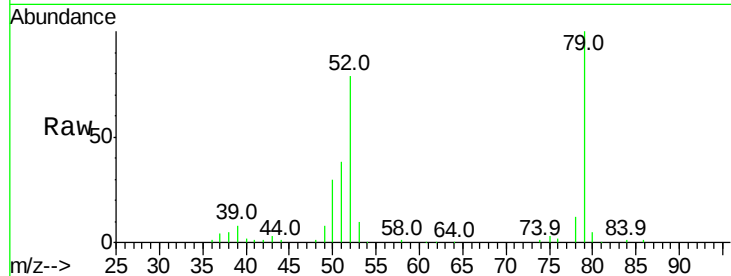




#3  
 Pvridine  
 Concen: 31.086 ng  
 RT: 3.98 min Scan# 118  
 Delta R.T. -0.01 min  
 Lab File: BG029393.D  
 Acq: 21 Oct 2017 16:03

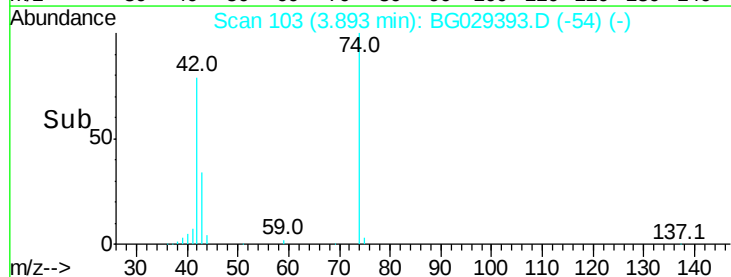
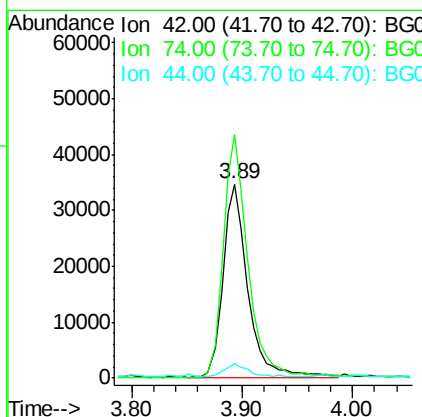
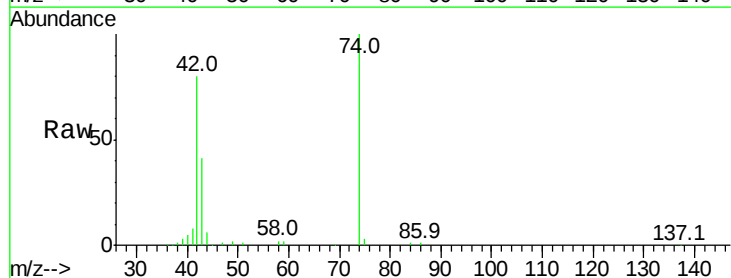
Instrument :  
 BNA\_G  
 ClientSampleId :

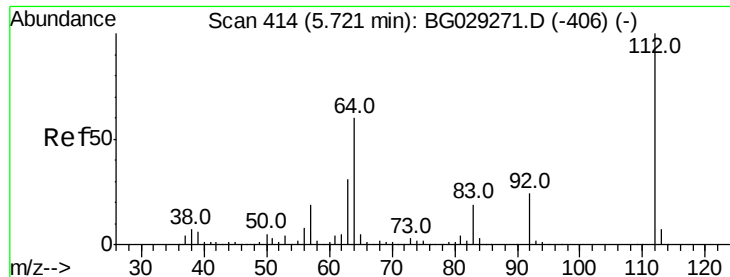
Tot Ion: 79 Resp: 108123  
 Ion Ratio Lower Upper  
 79 100  
 52 79.1 69.9 104.9  
 51 38.1 34.0 51.0



#4  
 n-Nitrosodimethylamine  
 Concen: 33.937 ng  
 RT: 3.89 min Scan# 103  
 Delta R.T. -0.01 min  
 Lab File: BG029393.D  
 Acq: 21 Oct 2017 16:03

Tgt Ion: 42 Resp: 55177  
 Ion Ratio Lower Upper  
 42 100  
 74 125.6 102.5 153.7  
 44 7.2 18.9 28.3#





#5

2-Fluorophenol

Concen: 114.328 ng

RT: 5.71 min Scan# 413

Delta R.T. -0.01 min

Lab File: BG029393.D

Acq: 21 Oct 2017 16:03

Instrument :

BNA\_G

ClientSampleId :

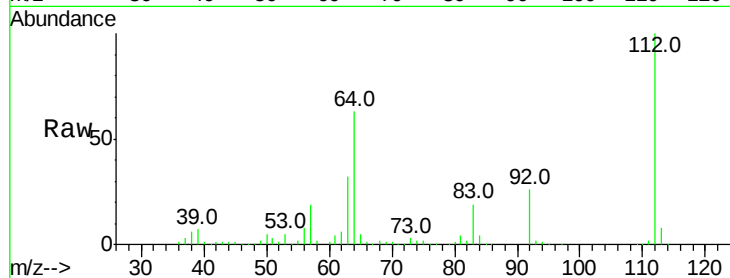
Tot Ion:112 Resp: 336560

Ion Ratio Lower Upper

112 100

64 62.8 56.3 84.5

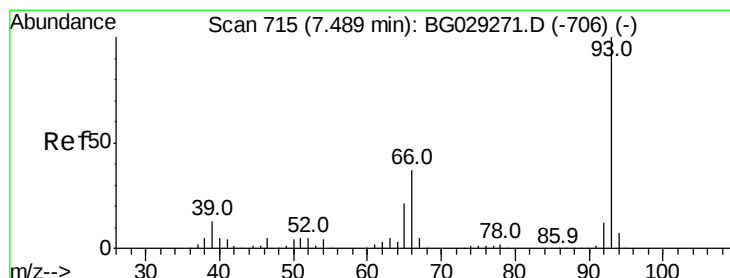
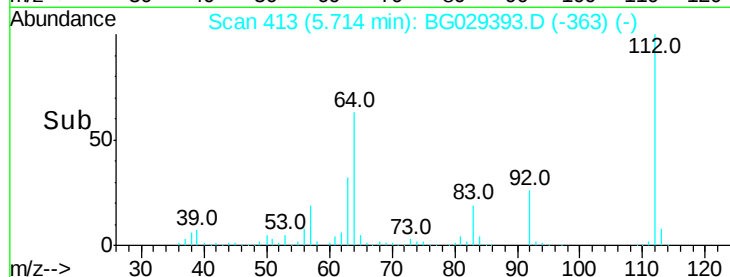
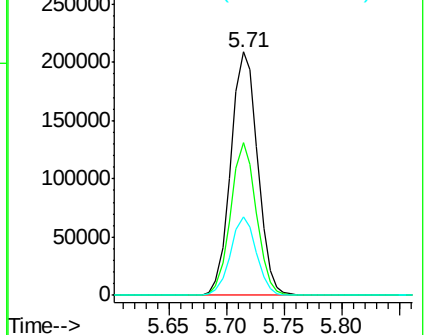
63 32.5 30.1 45.1



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: 20.474 ng

RT: 7.48 min Scan# 713

Delta R.T. -0.01 min

Lab File: BG029393.D

Acq: 21 Oct 2017 16:03

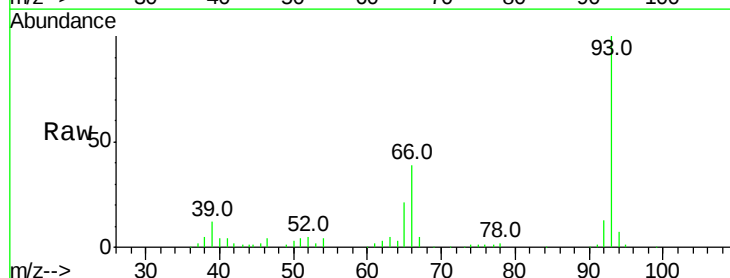
Tgt Ion: 93 Resp: 104758

Ion Ratio Lower Upper

93 100

66 38.8 33.7 50.5

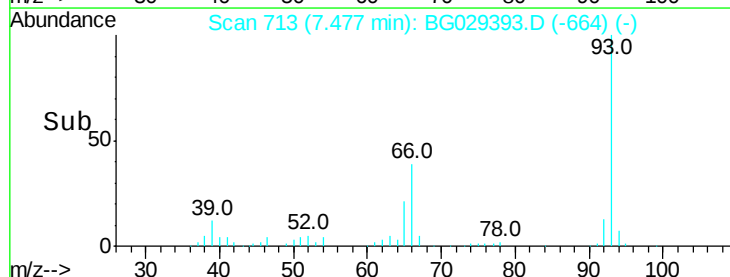
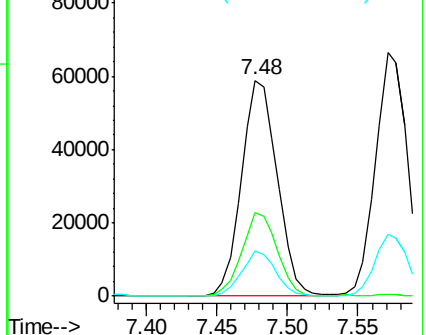
65 20.9 16.1 24.1

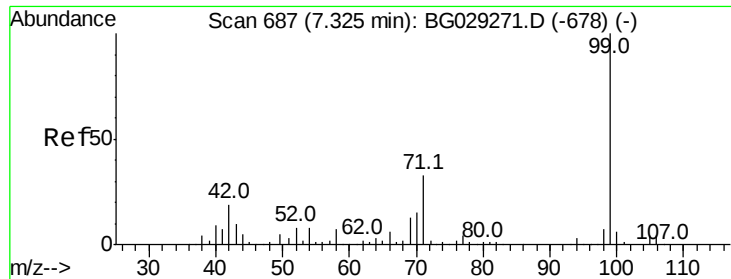


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 109.632 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG029393.D

Acq: 21 Oct 2017 16:03

Instrument :

BNA\_G

ClientSampleId :

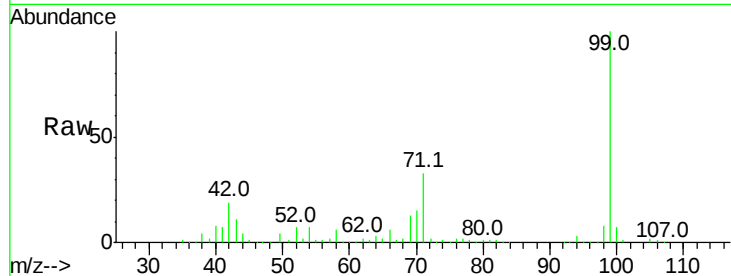
Tot Ion: 99 Resp: 453013

Ion Ratio Lower Upper

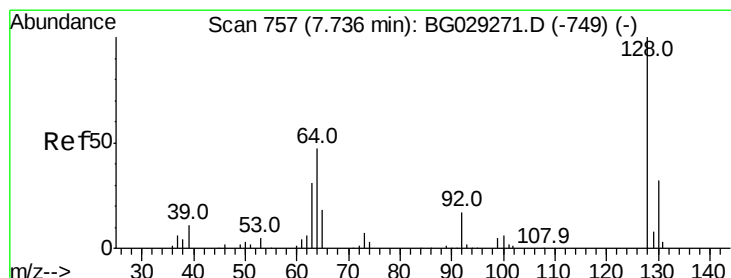
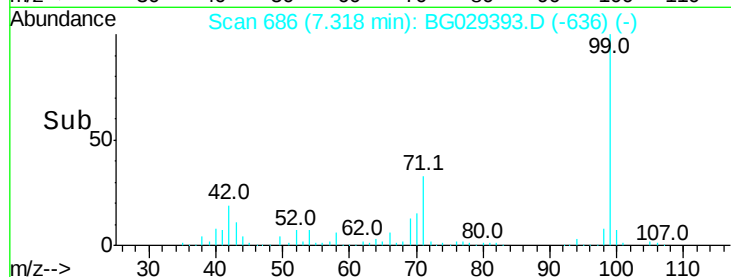
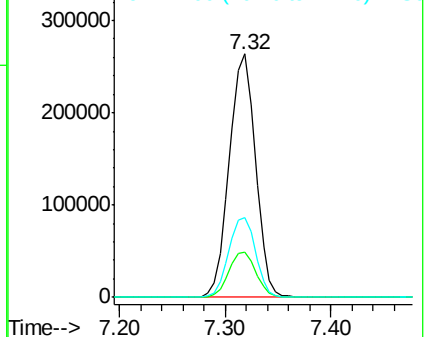
99 100

42 18.5 14.1 21.1

71 32.6 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: 34.891 ng

RT: 7.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BG029393.D

Acq: 21 Oct 2017 16:03

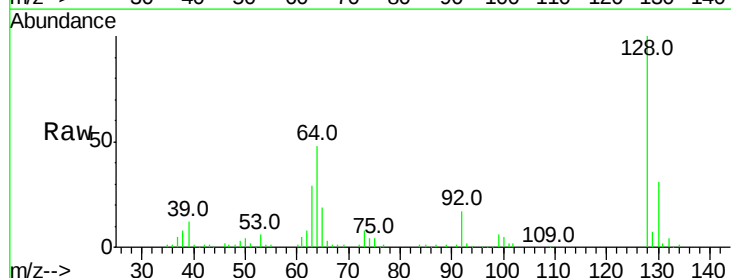
Tgt Ion: 128 Resp: 117734

Ion Ratio Lower Upper

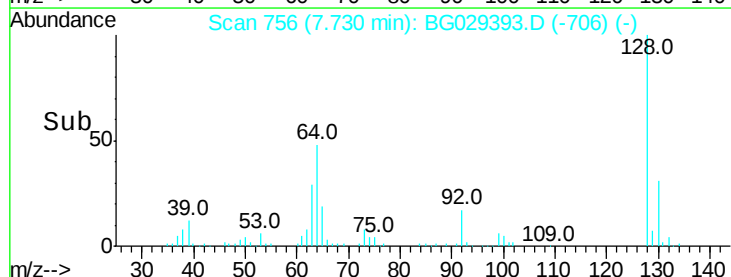
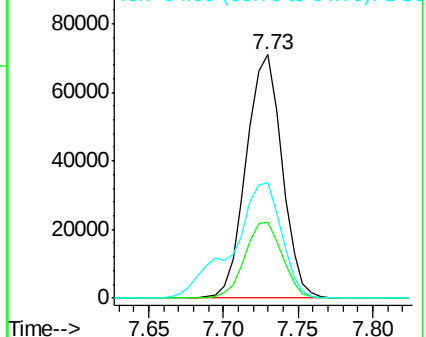
128 100

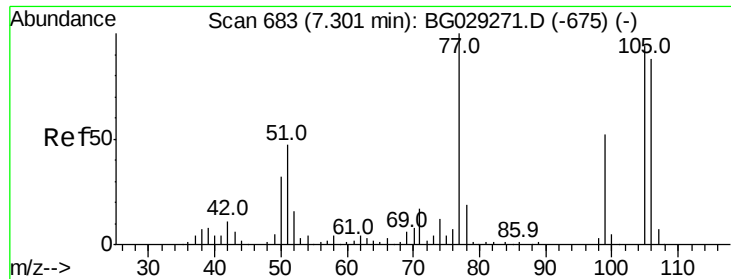
130 31.0 14.0 54.0

64 47.6 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

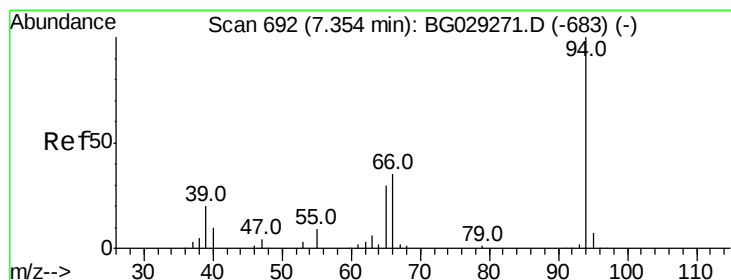
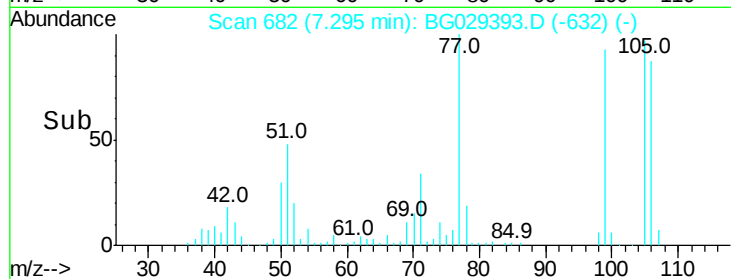
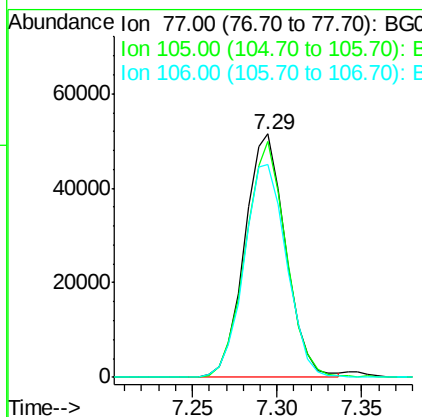
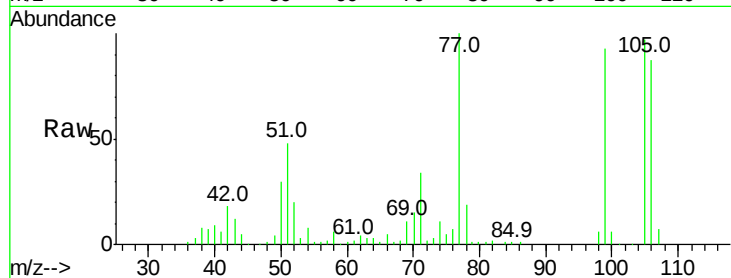




#9  
Benzaldehyde  
Concen: 41.825 ng  
RT: 7.29 min Scan# 682  
Delta R.T. -0.01 min  
Lab File: BG029393.D  
Acq: 21 Oct 2017 16:03

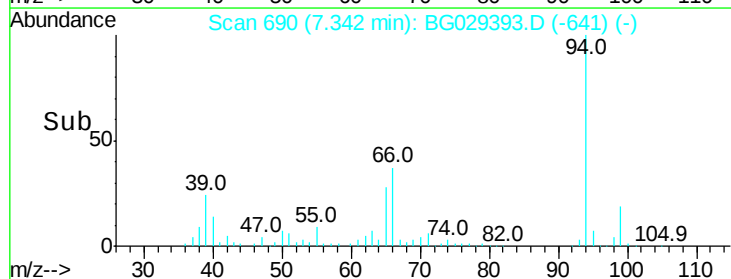
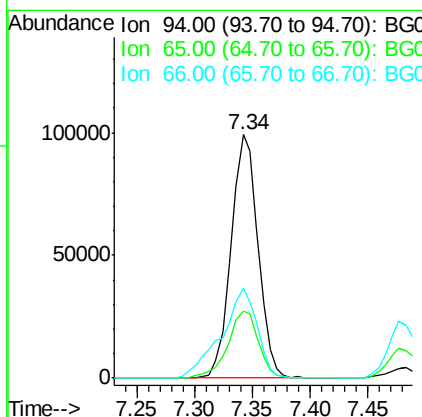
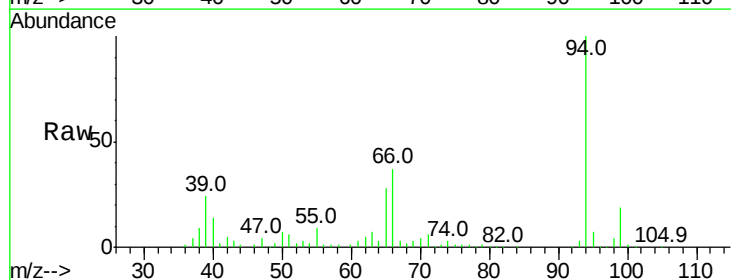
Instrument :  
BNA\_G  
ClientSampleId :

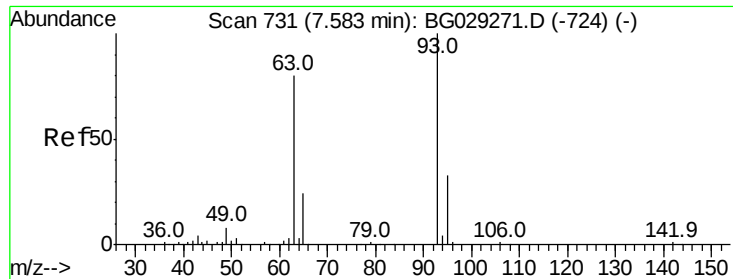
Tot Ion: 77 Resp: 86927  
Ion Ratio Lower Upper  
77 100  
105 96.8 71.3 111.3  
106 87.4 64.2 104.2



#10  
Phenol  
Concen: 35.920 ng  
RT: 7.34 min Scan# 690  
Delta R.T. -0.01 min  
Lab File: BG029393.D  
Acq: 21 Oct 2017 16:03

Tgt Ion: 94 Resp: 160017  
Ion Ratio Lower Upper  
94 100  
65 27.7 11.9 51.9  
66 37.1 22.2 62.2

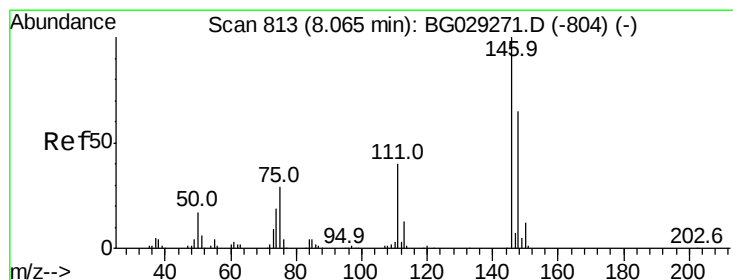
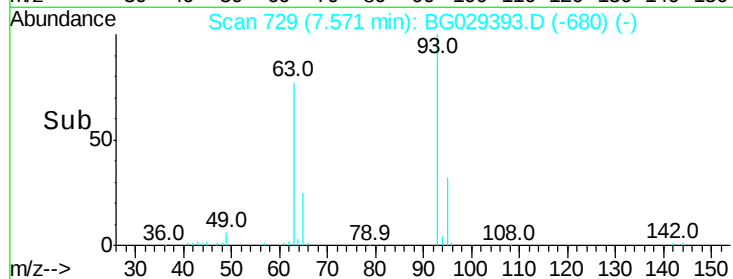
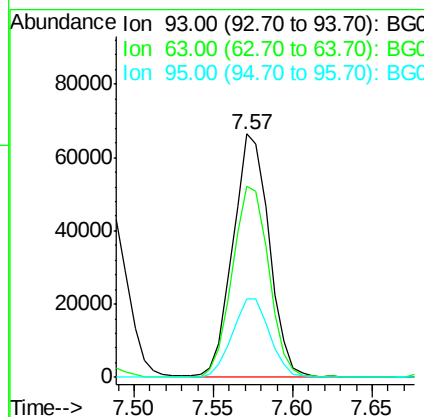
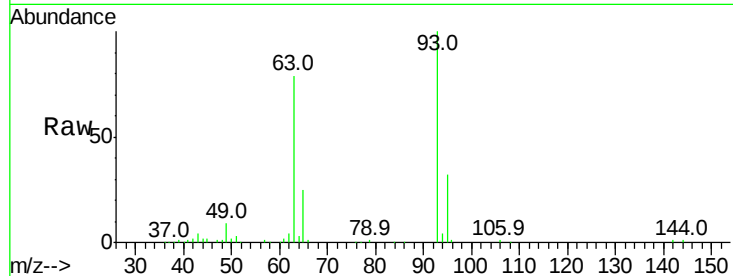




#11  
 bis(2-Chloroethyl)ether  
 Concen: 32.517 ng  
 RT: 7.57 min Scan# 729  
 Delta R.T. -0.01 min  
 Lab File: BG029393.D  
 Acq: 21 Oct 2017 16:03

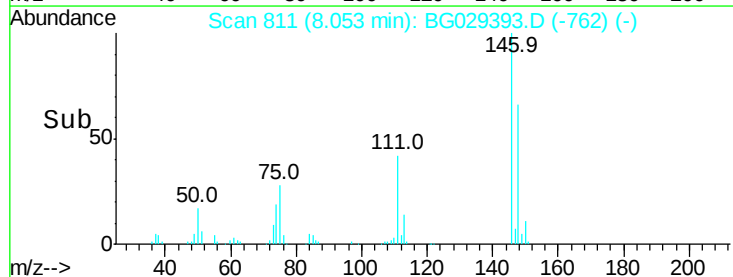
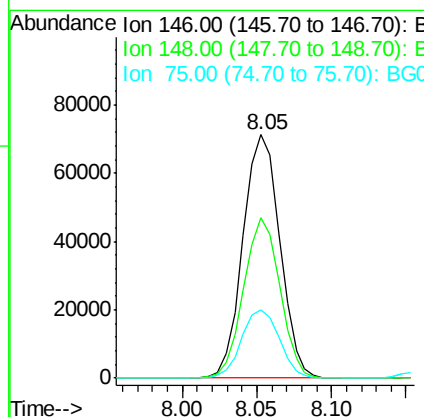
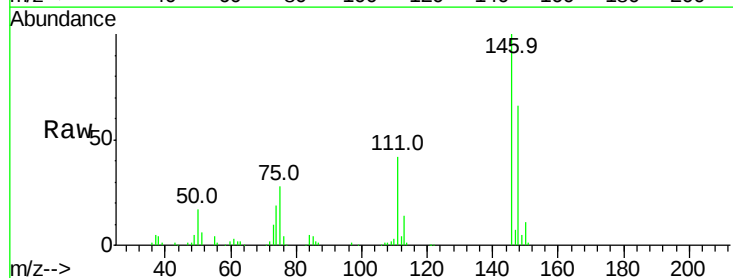
Instrument :  
 BNA\_G  
 ClientSampled :

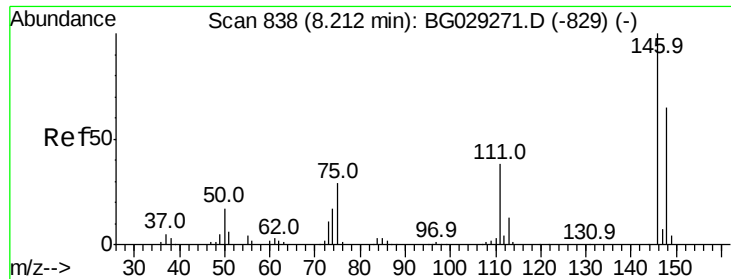
Tot Ion: 93 Resp: 105539  
 Ion Ratio Lower Upper  
 93 100  
 63 78.6 67.1 107.1  
 95 32.4 11.5 51.5



#12  
 1,3-Dichlorobenzene  
 Concen: 32.173 ng  
 RT: 8.05 min Scan# 811  
 Delta R.T. -0.01 min  
 Lab File: BG029393.D  
 Acq: 21 Oct 2017 16:03

Tgt Ion: 146 Resp: 121882  
 Ion Ratio Lower Upper  
 146 100  
 148 65.9 51.4 77.2  
 75 28.1 26.6 39.8

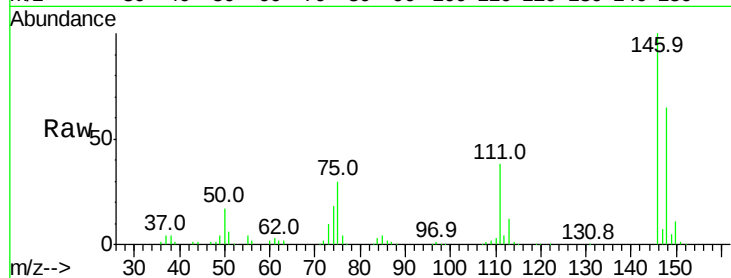




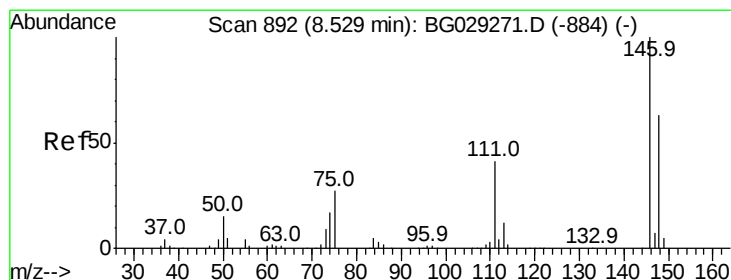
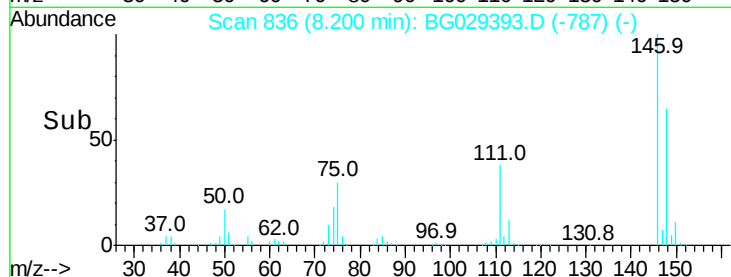
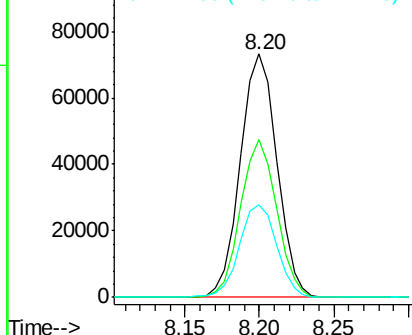
#13  
 1,4-Dichlorobenzene  
 Concen: 32.143 ng  
 RT: 8.20 min Scan# 836  
 Delta R.T. -0.01 min  
 Lab File: BG029393.D  
 Acq: 21 Oct 2017 16:03

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:146 Resp: 124323  
 Ion Ratio Lower Upper  
 146 100  
 148 64.7 53.7 80.5  
 111 37.9 35.2 52.8

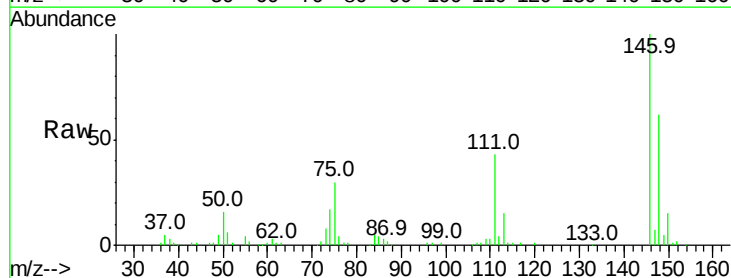


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

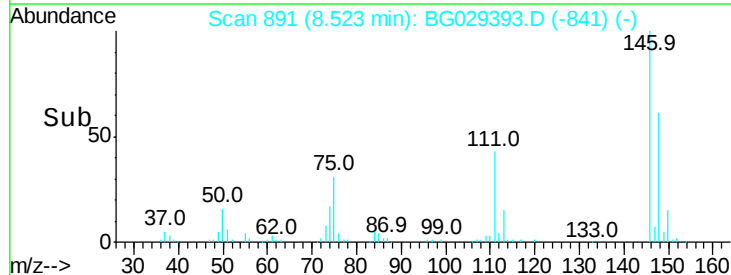
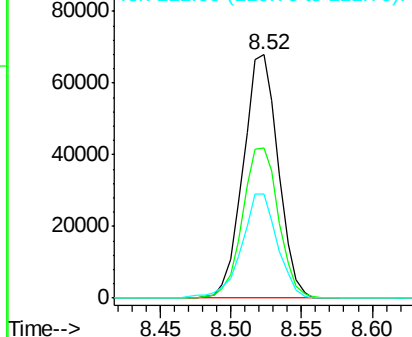


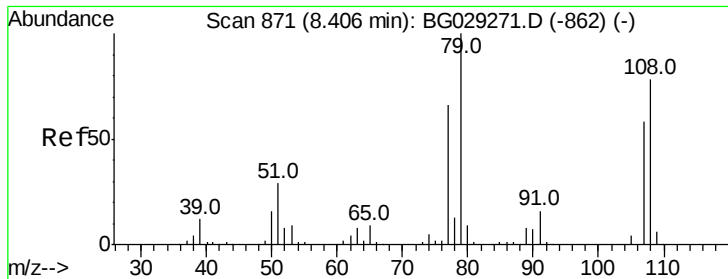
#14  
 1,2-Dichlorobenzene  
 Concen: 31.668 ng  
 RT: 8.52 min Scan# 891  
 Delta R.T. -0.01 min  
 Lab File: BG029393.D  
 Acq: 21 Oct 2017 16:03

Tgt Ion:146 Resp: 118141  
 Ion Ratio Lower Upper  
 146 100  
 148 61.7 49.3 73.9  
 111 42.6 34.3 51.5



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





#15

Benzyl Alcohol

Concen: 36.913 ng

RT: 8.39 min Scan# 869

Delta R.T. -0.01 min

Lab File: BG029393.D

Acq: 21 Oct 2017 16:03

Instrument :  
BNA\_G  
ClientSampleId :

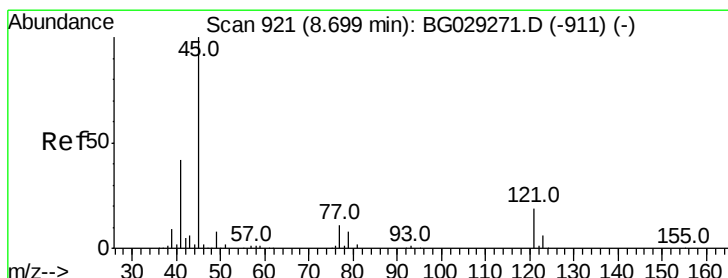
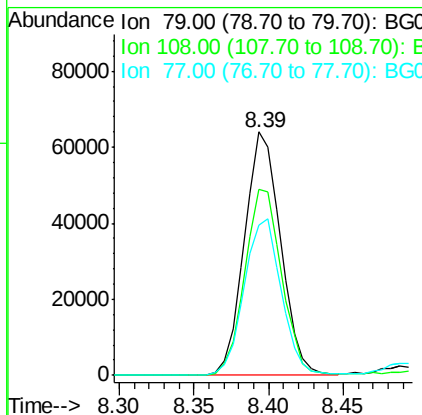
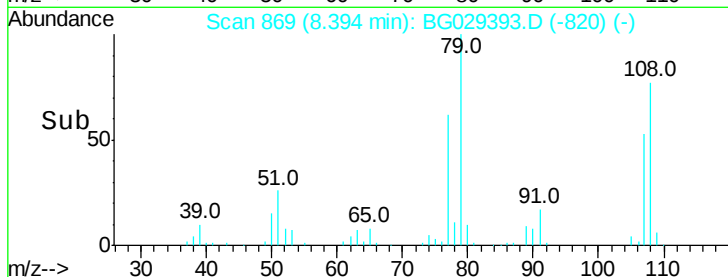
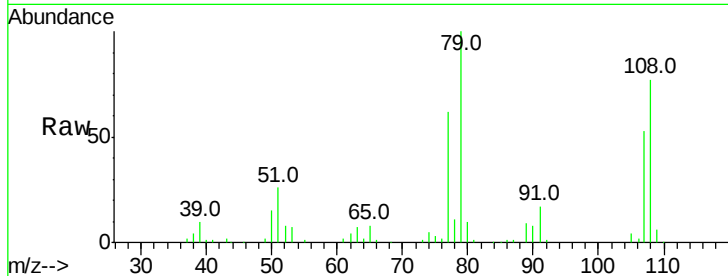
Tot Ion: 79 Resp: 107487

Ion Ratio Lower Upper

79 100

108 76.6 57.2 85.8

77 61.9 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.649 ng

RT: 8.69 min Scan# 919

Delta R.T. -0.01 min

Lab File: BG029393.D

Acq: 21 Oct 2017 16:03

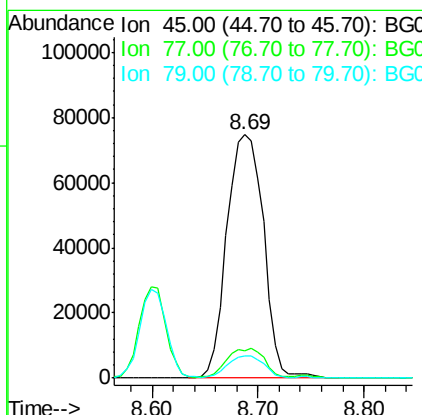
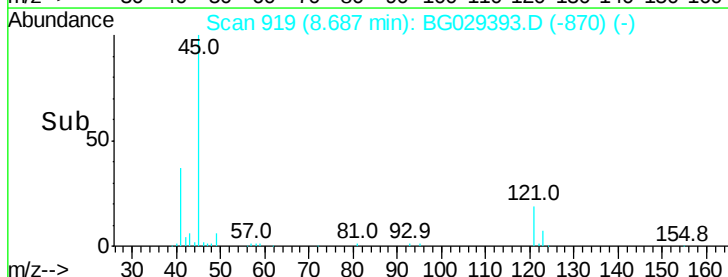
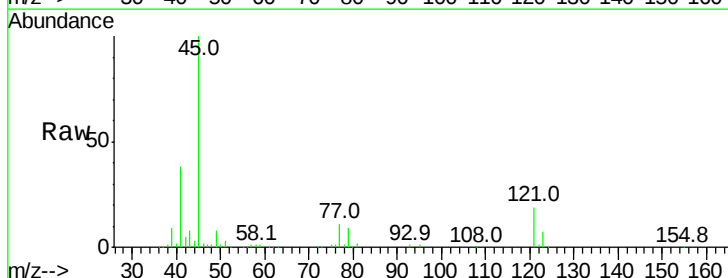
Tgt Ion: 45 Resp: 179963

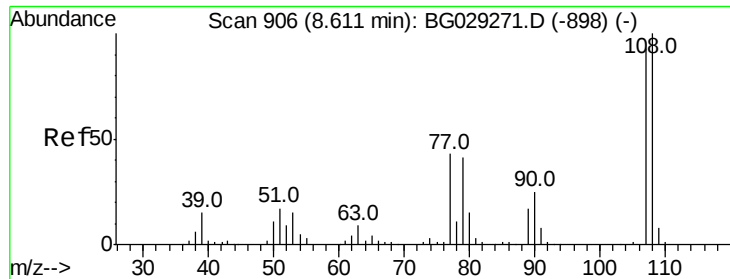
Ion Ratio Lower Upper

45 100

77 11.3 0.0 30.2

79 9.0 0.0 27.9

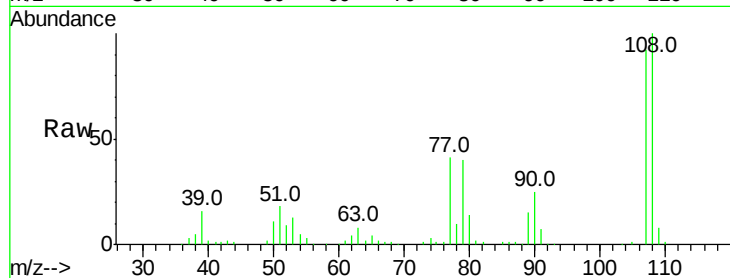




#17  
2-Methylphenol  
Concen: 36.524 ng  
RT: 8.60 min Scan# 904  
Delta R.T. -0.01 min  
Lab File: BG029393.D  
Acq: 21 Oct 2017 16:03

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 109.1 | 83.9  | 125.9 |
| 77      | 44.6  | 37.2  | 55.8  |
| 79      | 43.4  | 36.2  | 54.2  |



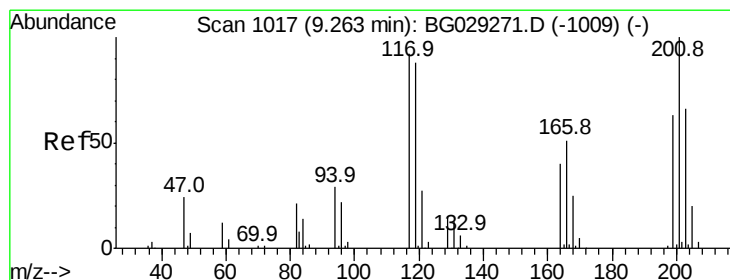
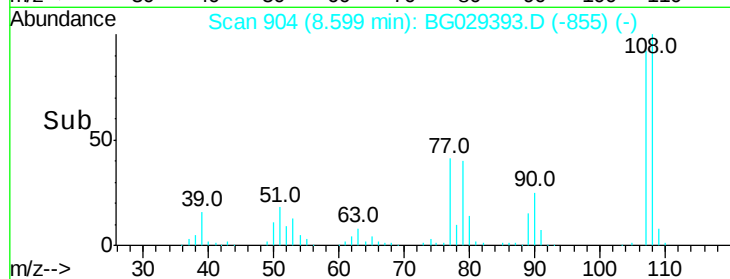
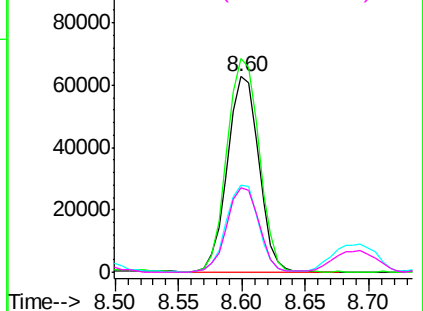
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

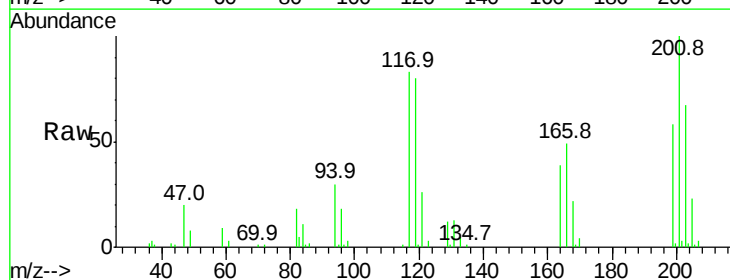
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18  
Hexachloroethane  
Concen: 32.022 ng  
RT: 9.26 min Scan# 1016  
Delta R.T. -0.01 min  
Lab File: BG029393.D  
Acq: 21 Oct 2017 16:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.0  | 76.7  | 115.1 |
| 201     | 119.9 | 95.7  | 143.5 |

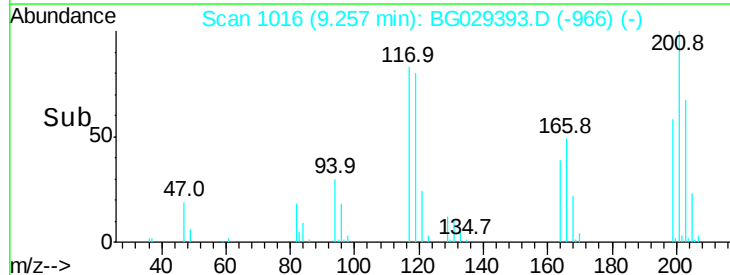
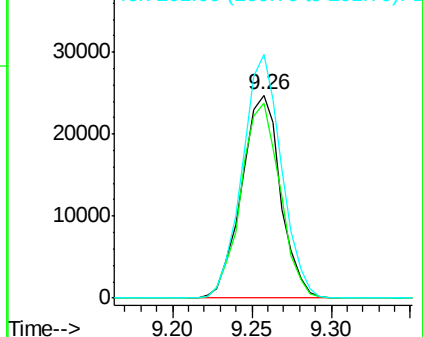


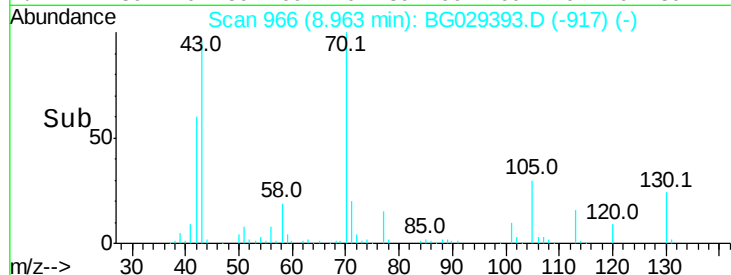
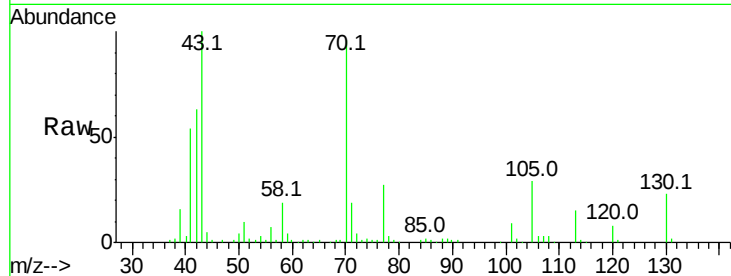
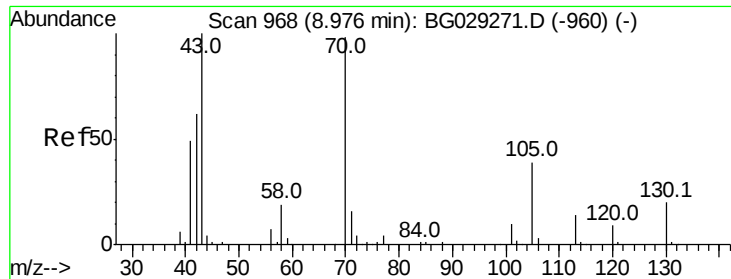
Abundance

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

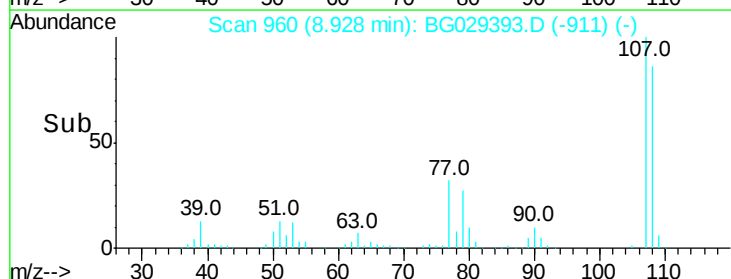
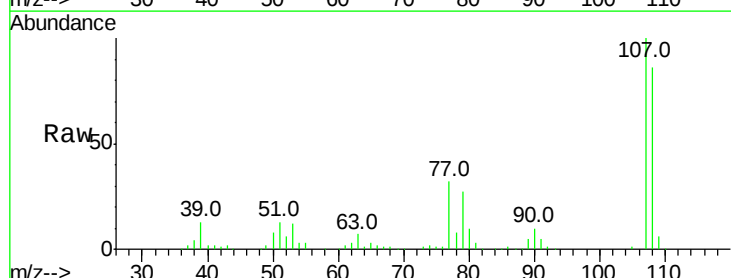
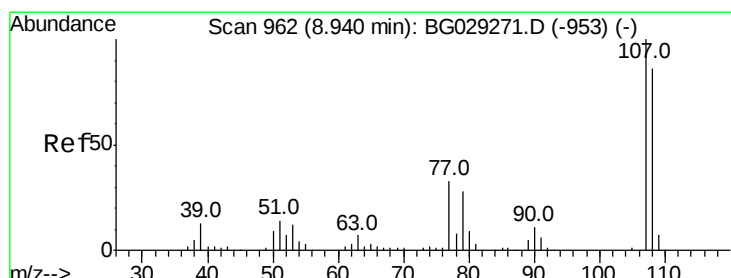
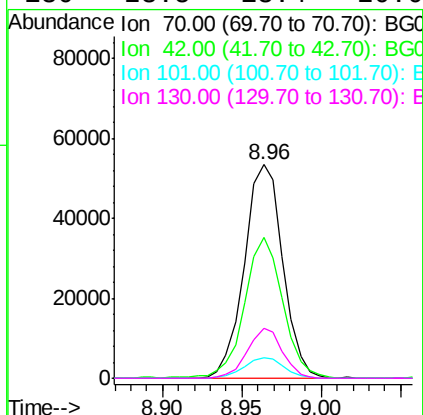




#19  
n-Nitroso-di-n-propylamine  
Concen: 32.008 ng  
RT: 8.96 min Scan# 966  
Delta R.T. -0.01 min  
Lab File: BG029393.D  
Acq: 21 Oct 2017 16:03

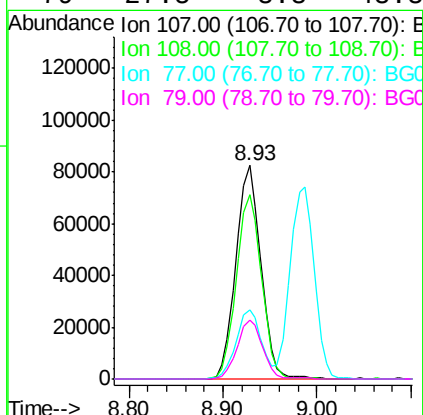
Instrument :  
BNA\_G  
ClientSampleId :

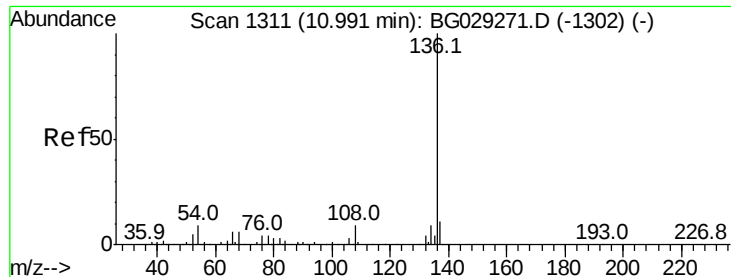
Tot Ion: 70 Resp: 89931  
Ion Ratio Lower Upper  
70 100  
42 65.8 49.1 73.7  
101 9.6 8.5 12.7  
130 23.5 13.4 20.0#



#20  
3+4-Methylphenols  
Concen: 36.560 ng  
RT: 8.93 min Scan# 960  
Delta R.T. -0.01 min  
Lab File: BG029393.D  
Acq: 21 Oct 2017 16:03

Tgt Ion:107 Resp: 152444  
Ion Ratio Lower Upper  
107 100  
108 86.3 61.6 101.6  
77 32.2 13.9 53.9  
79 27.5 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG029393.D

Acq: 21 Oct 2017 16:03

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:136 Resp: 220588

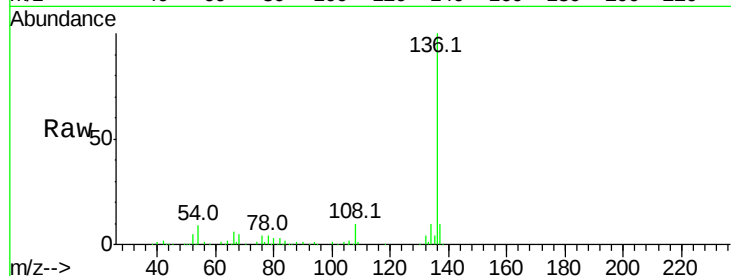
Ion Ratio Lower Upper

136 100

137 10.5 9.2 13.8

54 8.9 10.3 15.5#

68 5.3 4.5 6.7

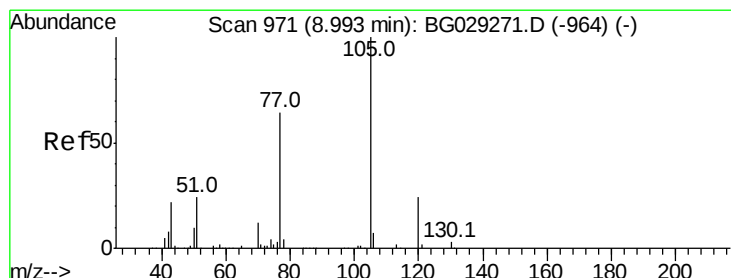
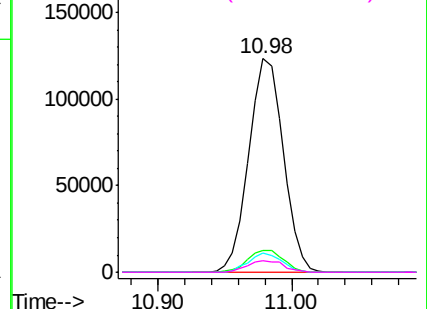
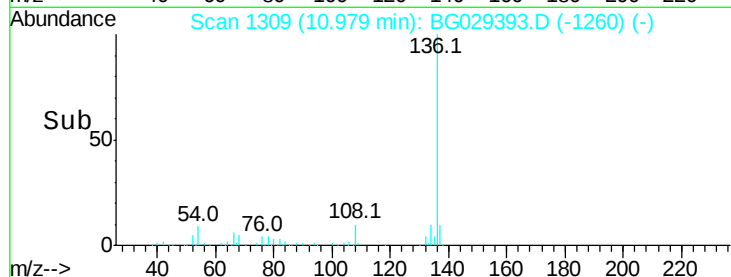


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 32.335 ng

RT: 8.99 min Scan# 970

Delta R.T. -0.01 min

Lab File: BG029393.D

Acq: 21 Oct 2017 16:03

Tgt Ion:105 Resp: 171894

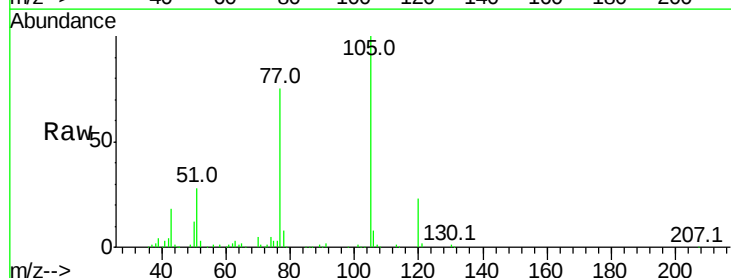
Ion Ratio Lower Upper

105 100

71 0.9 3.0 4.4#

51 27.9 26.1 39.1

120 23.4 17.4 26.2

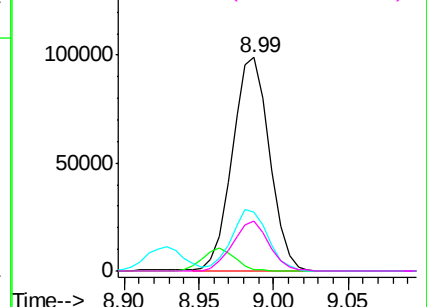
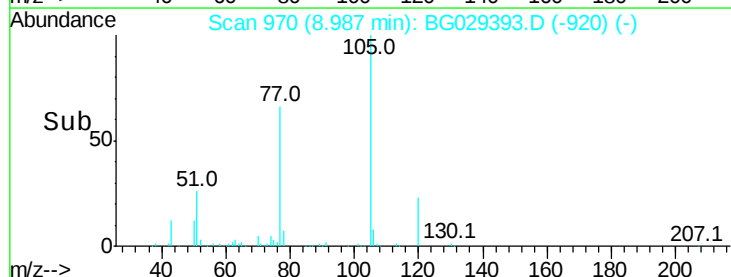


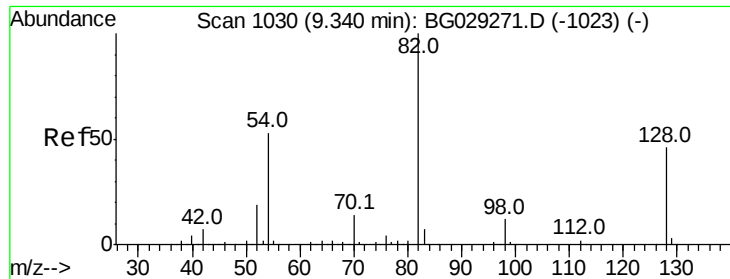
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

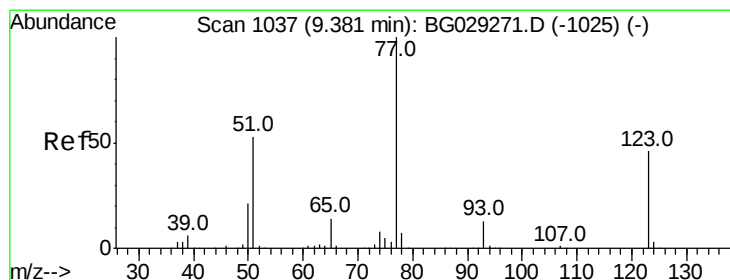
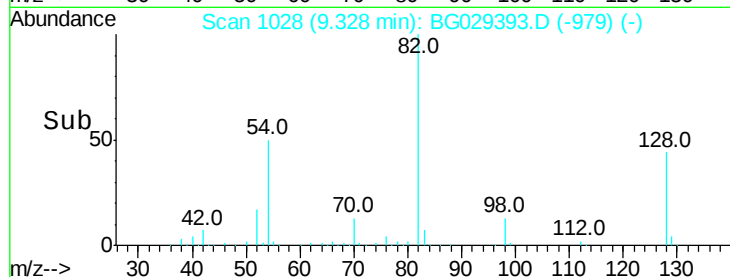
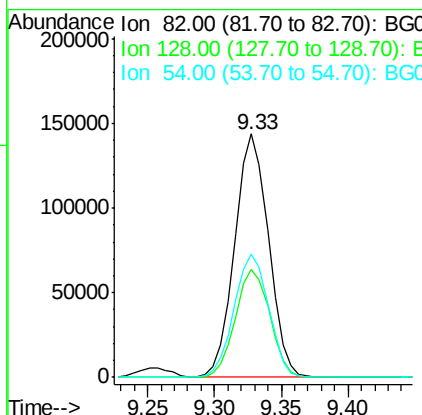
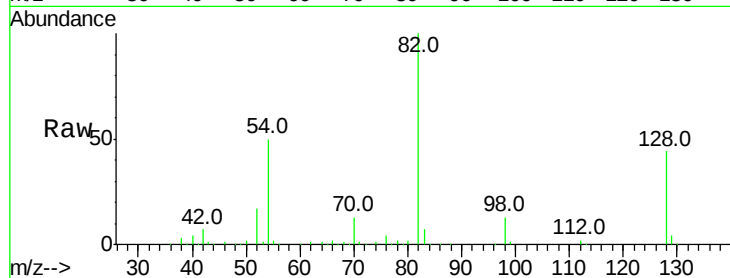




#23  
 Nitrobenzene-d5  
 Concen: 72.588 ng  
 RT: 9.33 min Scan# 1028  
 Delta R.T. -0.01 min  
 Lab File: BG029393.D  
 Acq: 21 Oct 2017 16:03

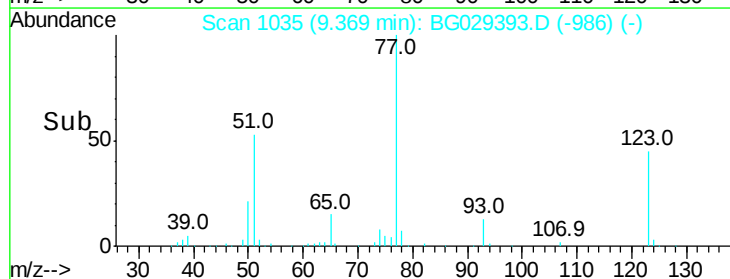
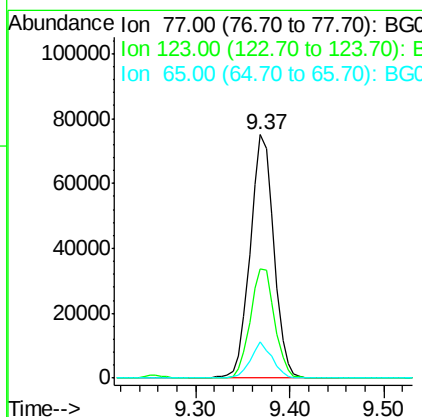
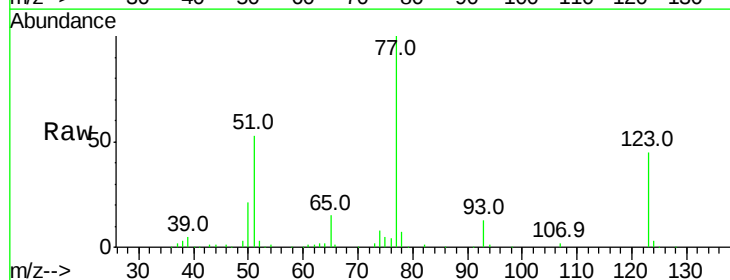
Instrument :  
 BNA\_G  
 ClientSampleId :

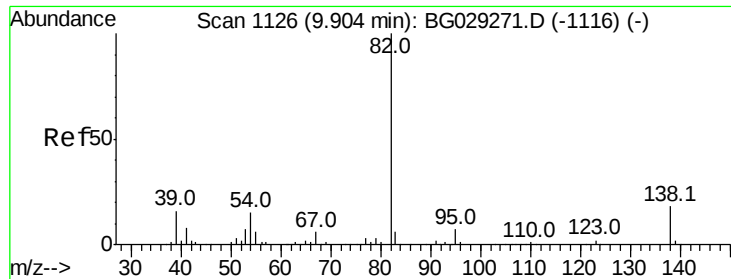
| Tot Ion   | 82   | Resp  | 251970 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 44.1 | 29.7  | 44.5   |
| 54        | 50.5 | 43.1  | 64.7   |



#24  
 Nitrobenzene  
 Concen: 33.487 ng  
 RT: 9.37 min Scan# 1035  
 Delta R.T. -0.01 min  
 Lab File: BG029393.D  
 Acq: 21 Oct 2017 16:03

| Tgt Ion   | 77   | Resp  | 130698 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 123       | 45.0 | 33.0  | 49.6   |
| 65        | 15.0 | 13.0  | 19.6   |

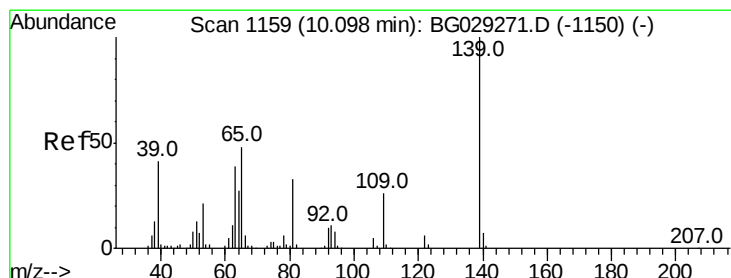
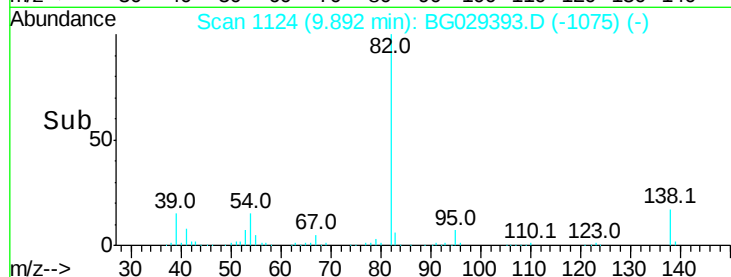
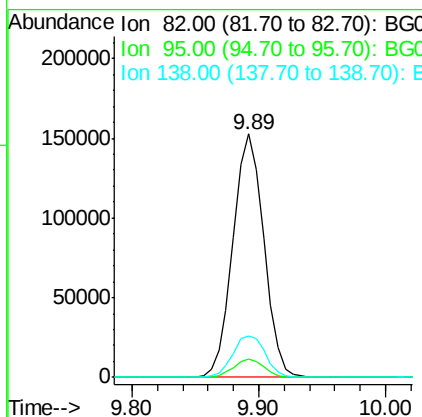
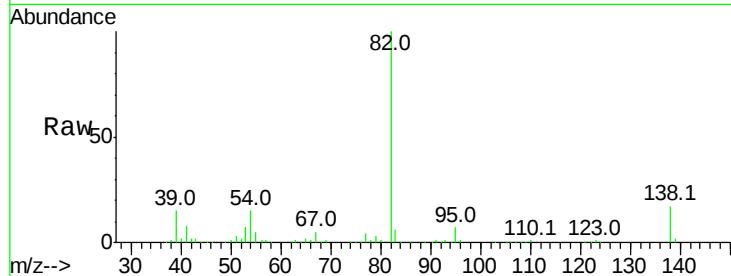




#25  
Isophorone  
Concen: 35.521 ng  
RT: 9.89 min Scan# 1124  
Delta R.T. -0.01 min  
Lab File: BG029393.D  
Acq: 21 Oct 2017 16:03

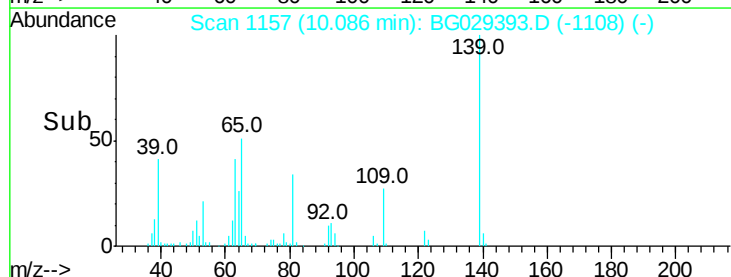
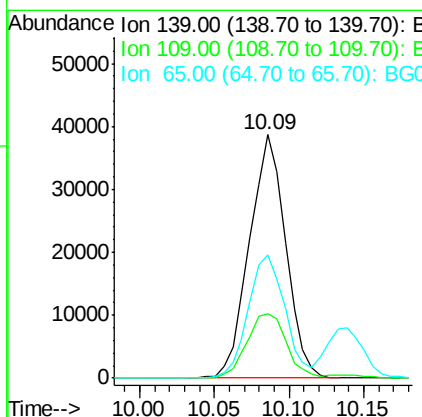
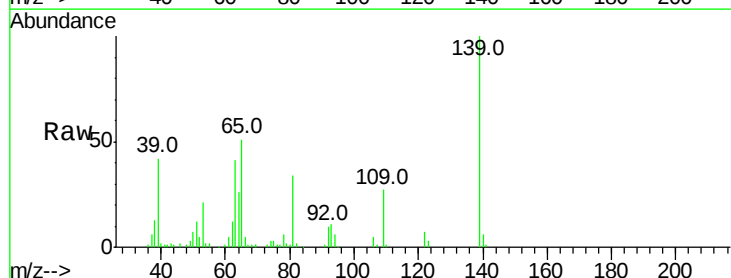
Instrument :  
BNA\_G  
ClientSampleId :

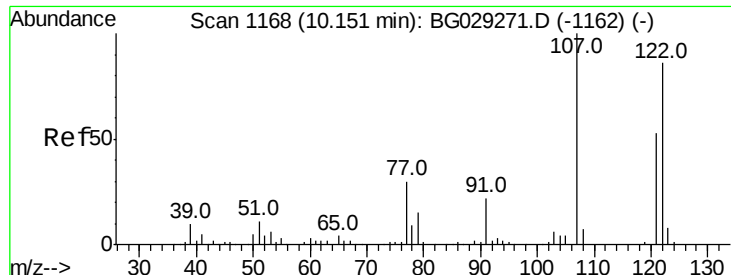
Tot Ion: 82 Resp: 257409  
Ion Ratio Lower Upper  
82 100  
95 7.4 6.2 9.2  
138 17.2 12.1 18.1



#26  
2-Nitrophenol  
Concen: 34.775 ng  
RT: 10.09 min Scan# 1157  
Delta R.T. -0.01 min  
Lab File: BG029393.D  
Acq: 21 Oct 2017 16:03

Tgt Ion: 139 Resp: 64869  
Ion Ratio Lower Upper  
139 100  
109 26.5 24.2 36.2  
65 50.6 47.4 71.0

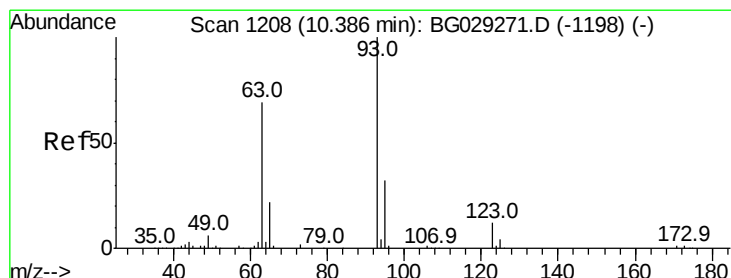
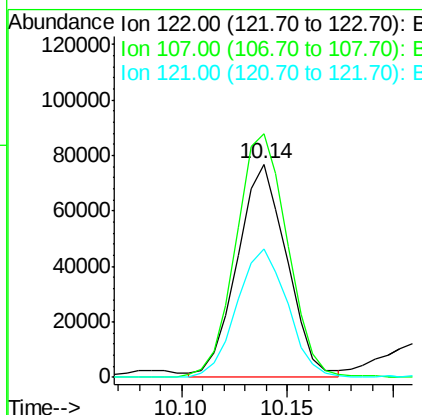
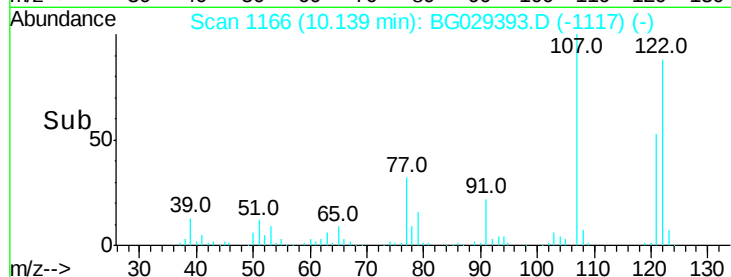
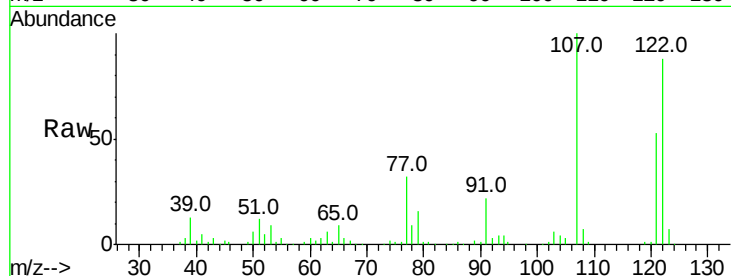




#27  
 2,4-Dimethylphenol  
 Concen: 36.954 ng  
 RT: 10.14 min Scan# 1166  
 Delta R.T. -0.01 min  
 Lab File: BG029393.D  
 Acq: 21 Oct 2017 16:03

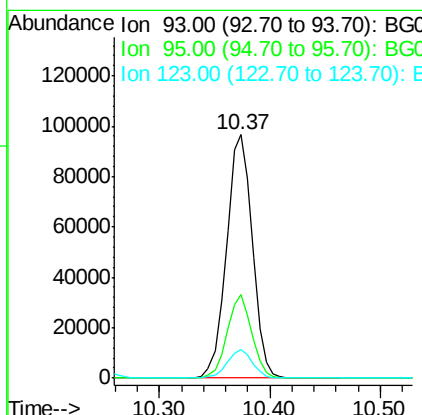
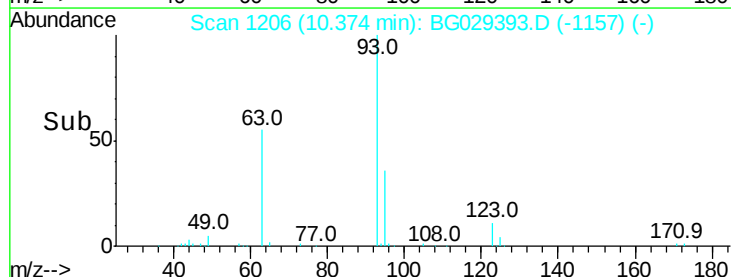
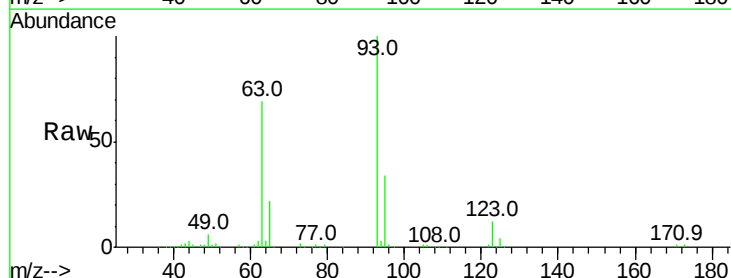
Instrument :  
 BNA\_G  
 ClientSampled :

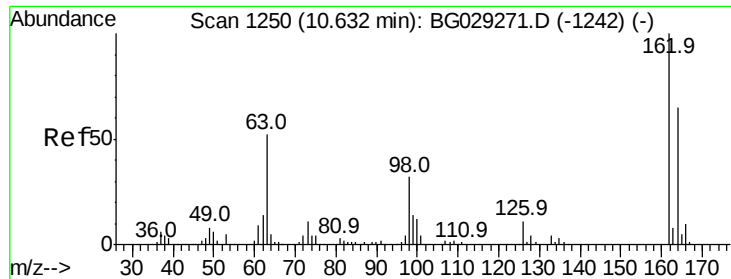
Tot Ion:122 Resp: 124719  
 Ion Ratio Lower Upper  
 122 100  
 107 114.0 100.2 150.2  
 121 60.2 44.4 66.6



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 35.625 ng  
 RT: 10.37 min Scan# 1206  
 Delta R.T. -0.01 min  
 Lab File: BG029393.D  
 Acq: 21 Oct 2017 16:03

Tgt Ion: 93 Resp: 158302  
 Ion Ratio Lower Upper  
 93 100  
 95 34.2 24.3 36.5  
 123 11.6 8.4 12.6

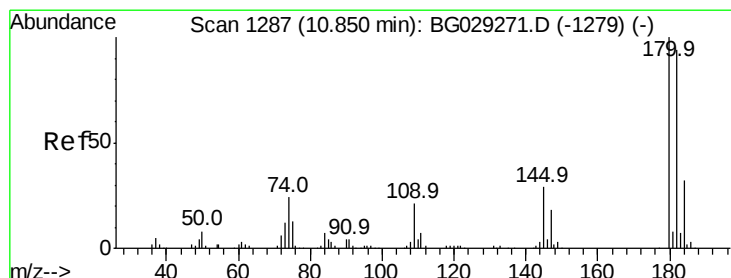
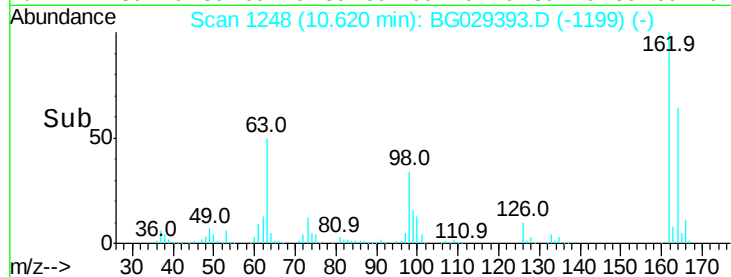
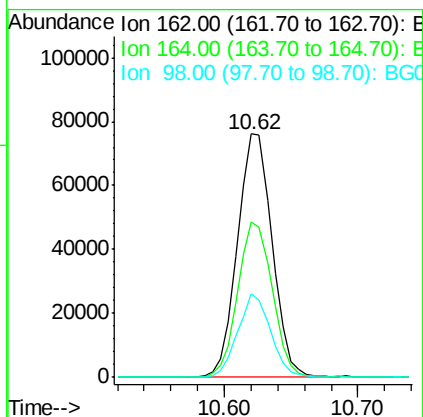
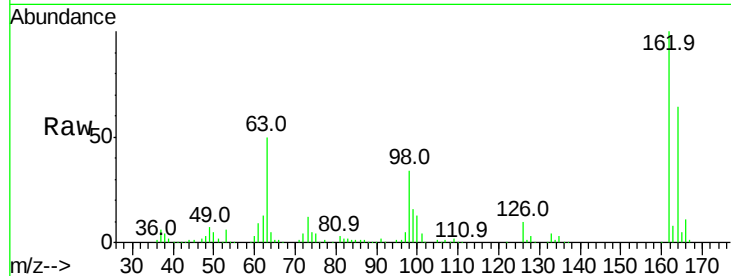




#29  
 2,4-Dichlorophenol  
 Concen: 38.068 ng  
 RT: 10.62 min Scan# 1248  
 Delta R.T. -0.01 min  
 Lab File: BG029393.D  
 Acq: 21 Oct 2017 16:03

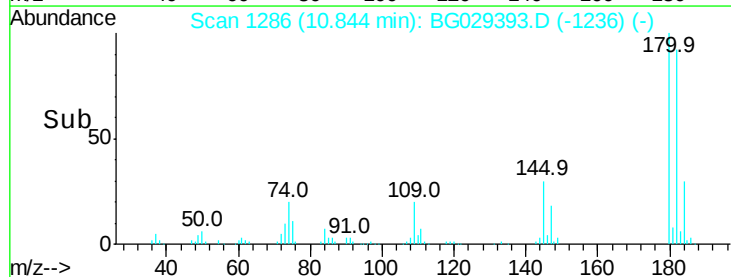
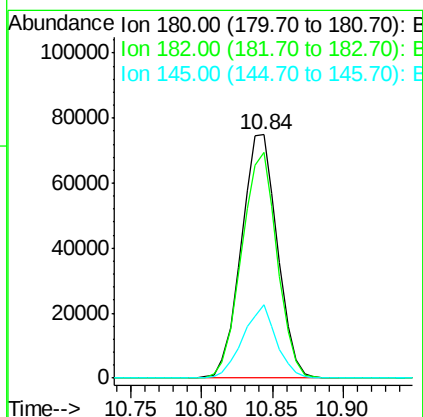
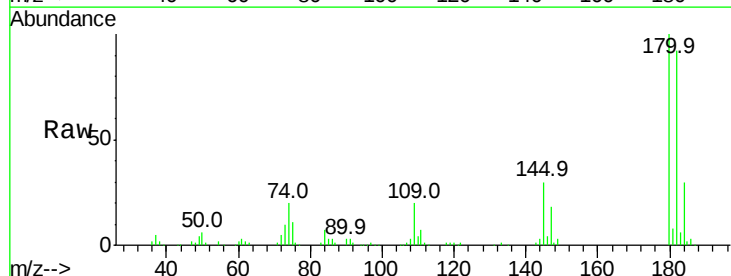
Instrument :  
 BNA\_G  
 ClientSampleId :

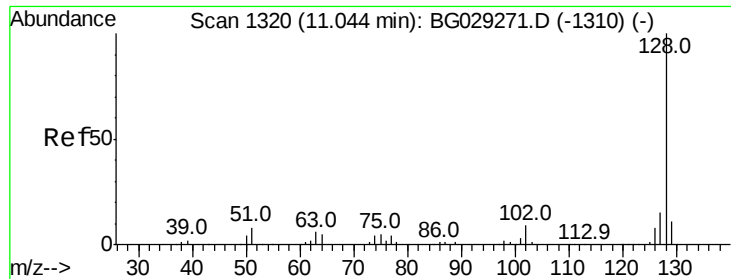
Tot Ion:162 Resp: 137006  
 Ion Ratio Lower Upper  
 162 100  
 164 63.6 48.0 88.0  
 98 34.2 21.1 61.1



#30  
 1,2,4-Trichlorobenzene  
 Concen: 34.460 ng  
 RT: 10.84 min Scan# 1286  
 Delta R.T. -0.01 min  
 Lab File: BG029393.D  
 Acq: 21 Oct 2017 16:03

Tgt Ion:180 Resp: 133987  
 Ion Ratio Lower Upper  
 180 100  
 182 92.5 77.5 116.3  
 145 30.1 23.4 35.2

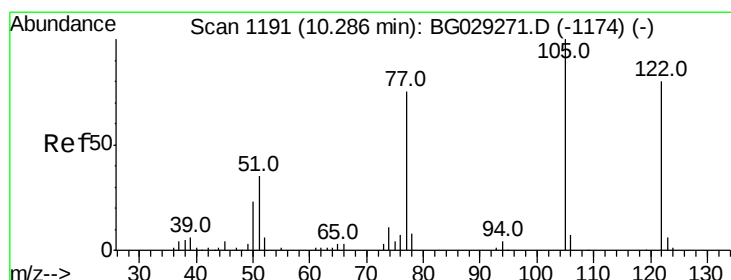
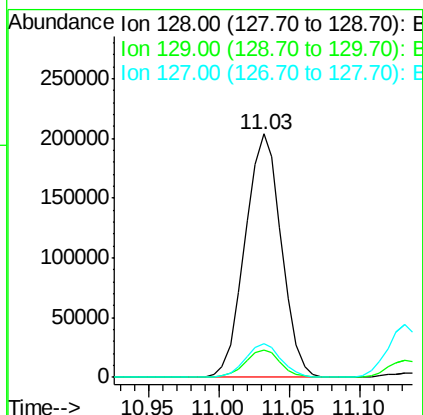
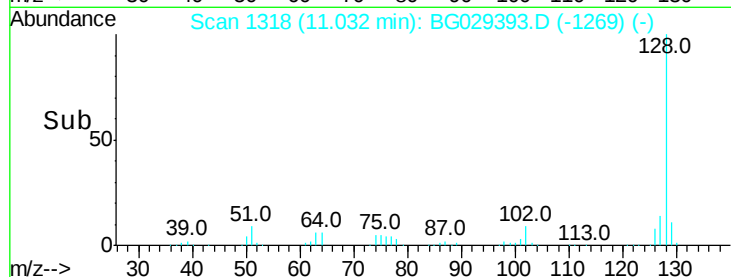
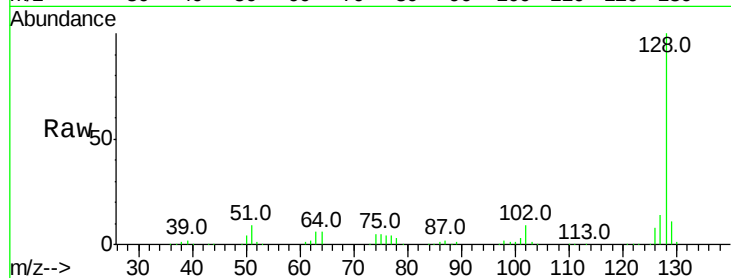




#31  
Naphthalene  
Concen: 33.276 ng  
RT: 11.03 min Scan# 1318  
Delta R.T. -0.01 min  
Lab File: BG029393.D  
Acq: 21 Oct 2017 16:03

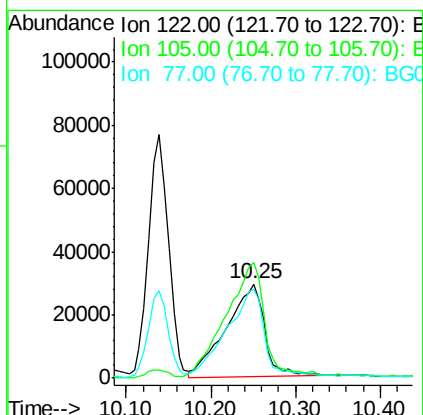
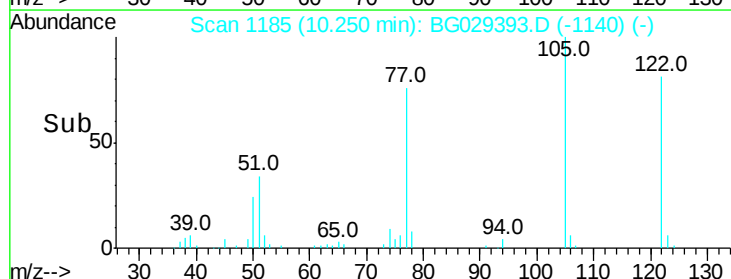
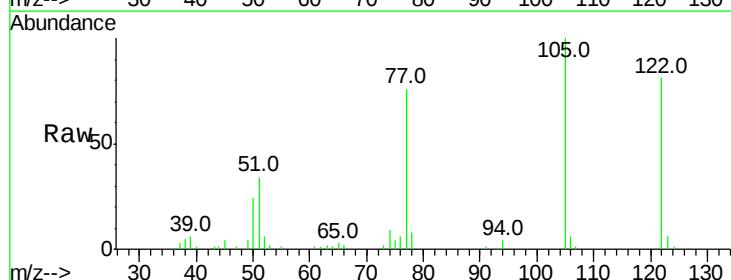
Instrument :  
BNA\_G  
ClientSampleId :

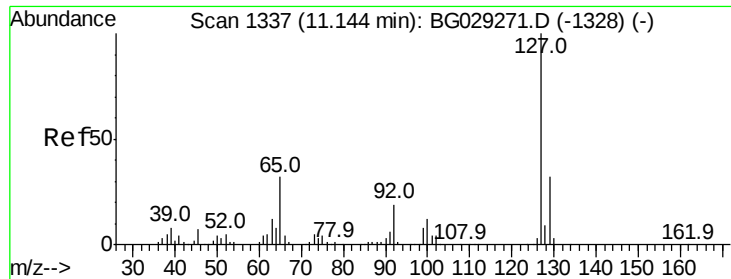
Tot Ion:128 Resp: 365822  
Ion Ratio Lower Upper  
128 100  
129 11.3 8.6 12.8  
127 13.8 11.6 17.4



#32  
Benzoic acid  
Concen: 32.382 ng  
RT: 10.25 min Scan# 1185  
Delta R.T. -0.04 min  
Lab File: BG029393.D  
Acq: 21 Oct 2017 16:03

Tgt Ion:122 Resp: 91508  
Ion Ratio Lower Upper  
122 100  
105 123.3 123.5 163.5#  
77 93.9 85.7 125.7

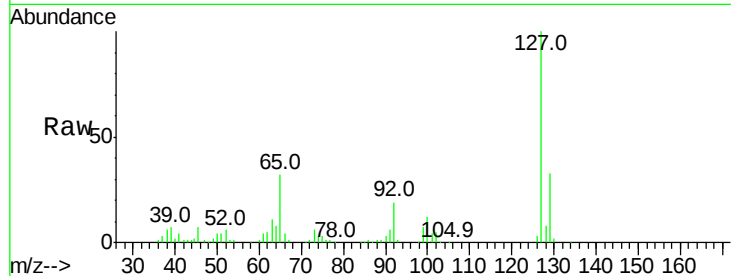




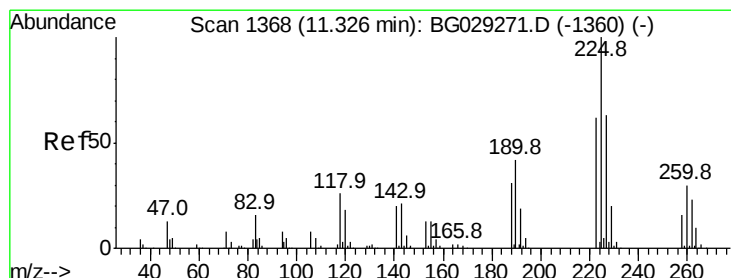
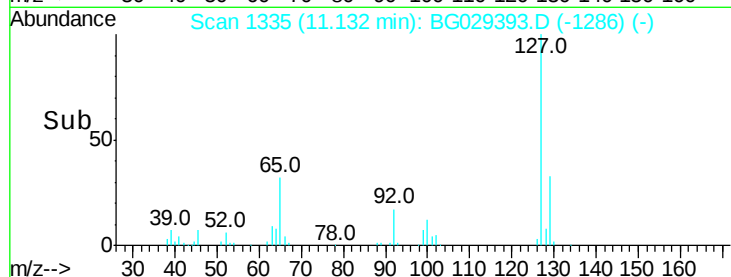
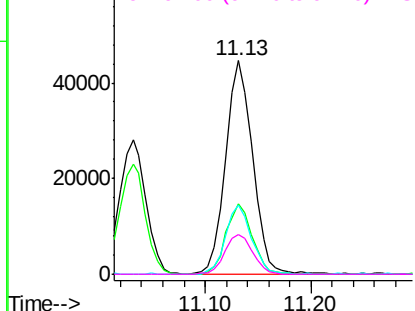
#33  
4-Chloroaniline  
Concen: 17.092 ng  
RT: 11.13 min Scan# 1335  
Delta R.T. -0.01 min  
Lab File: BG029393.D  
Acq: 21 Oct 2017 16:03

Instrument :  
BNA\_G  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 79041 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 32.8  | 24.0  | 36.0  |
| 65       | 32.1  | 27.0  | 40.4  |
| 92       | 18.9  | 16.6  | 25.0  |

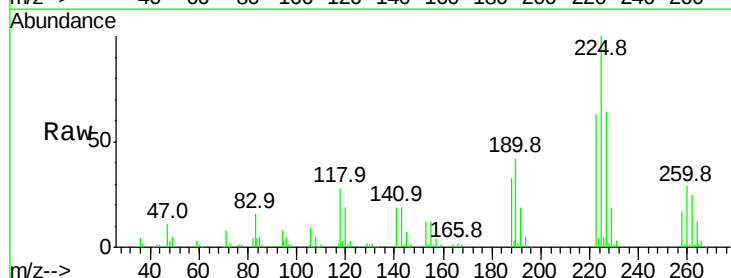


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC

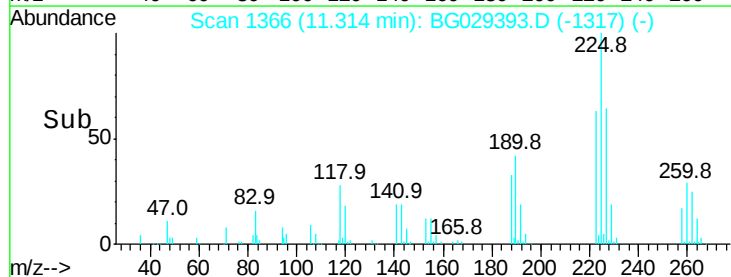
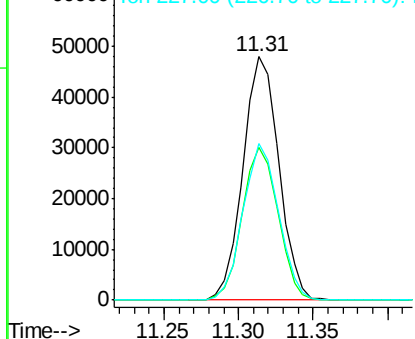


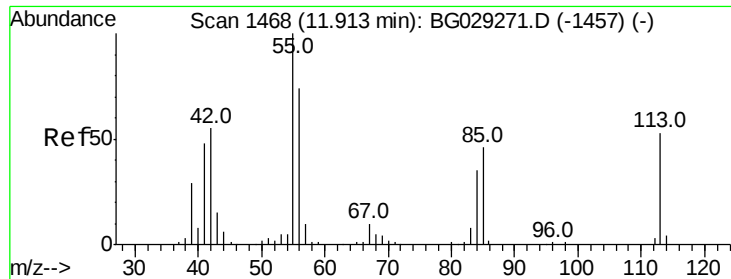
#34  
Hexachlorobutadiene  
Concen: 33.011 ng  
RT: 11.31 min Scan# 1366  
Delta R.T. -0.01 min  
Lab File: BG029393.D  
Acq: 21 Oct 2017 16:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 79803 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 62.7  | 49.7  | 74.5  |
| 227      | 64.3  | 48.1  | 72.1  |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 44.136 ng

RT: 11.89 min Scan# 1464

Delta R.T. -0.02 min

Lab File: BG029393.D

Acq: 21 Oct 2017 16:03

Instrument :

BNA\_G

ClientSampleId :

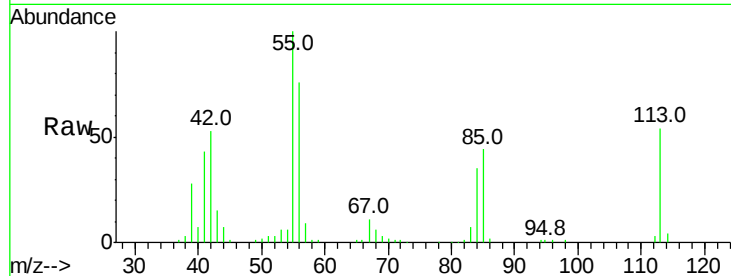
Tot Ion:113 Resp: 52791

Ion Ratio Lower Upper

113 100

55 184.5 186.9 226.9#

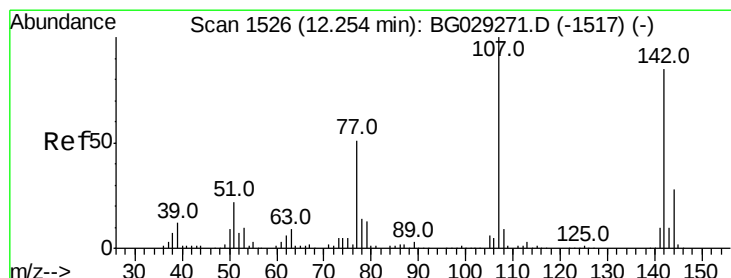
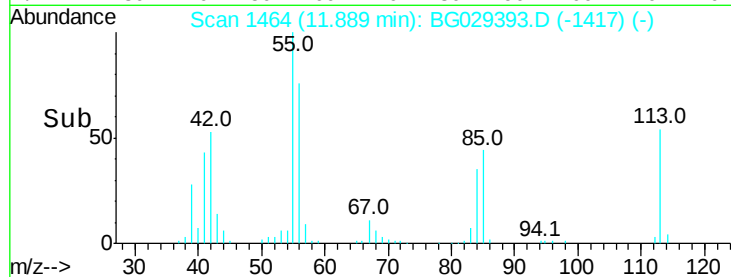
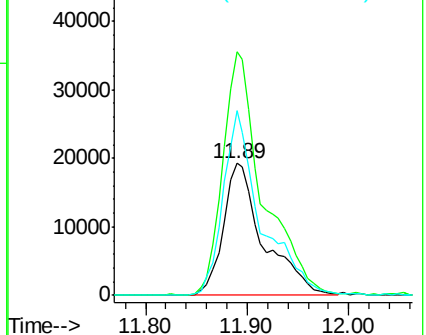
56 140.2 130.9 170.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 38.284 ng

RT: 12.24 min Scan# 1524

Delta R.T. -0.01 min

Lab File: BG029393.D

Acq: 21 Oct 2017 16:03

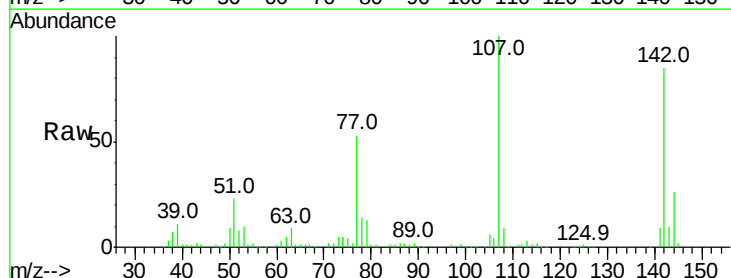
Tgt Ion:107 Resp: 151542

Ion Ratio Lower Upper

107 100

144 26.2 18.2 27.4

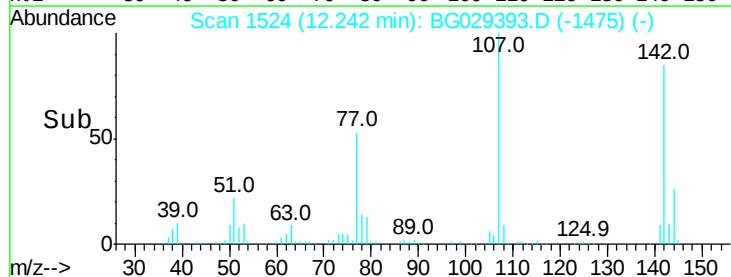
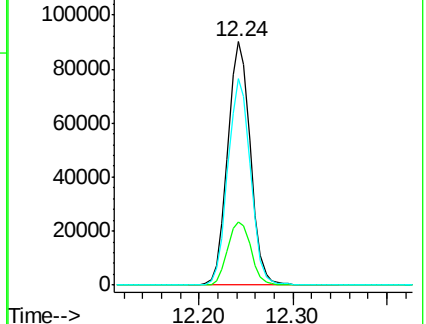
142 85.0 59.0 88.4

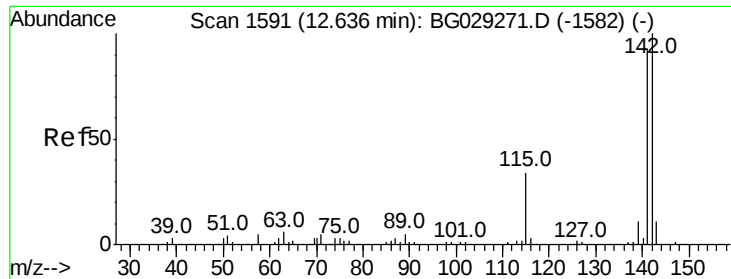


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

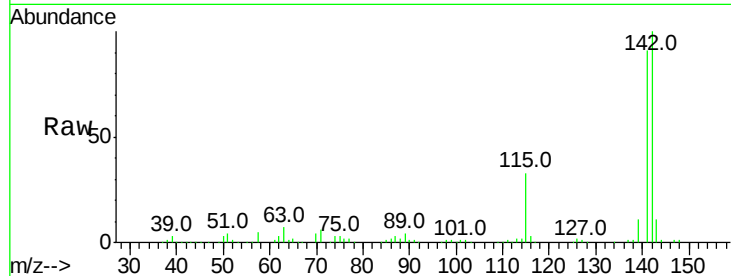




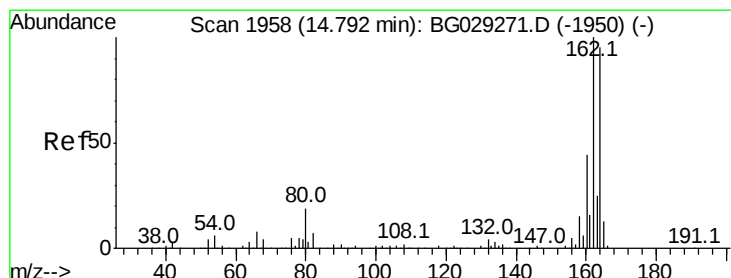
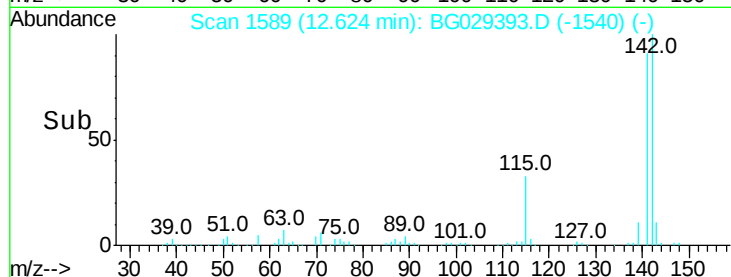
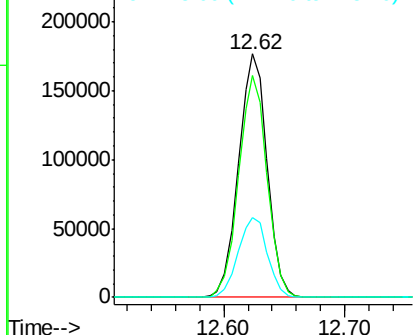
#37  
2-Methylnaphthalene  
Concen: 36.218 ng  
RT: 12.62 min Scan# 1589  
Delta R.T. -0.01 min  
Lab File: BG029393.D  
Acq: 21 Oct 2017 16:03

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.2  | 67.1  | 100.7 |
| 115     | 33.0  | 30.7  | 46.1  |

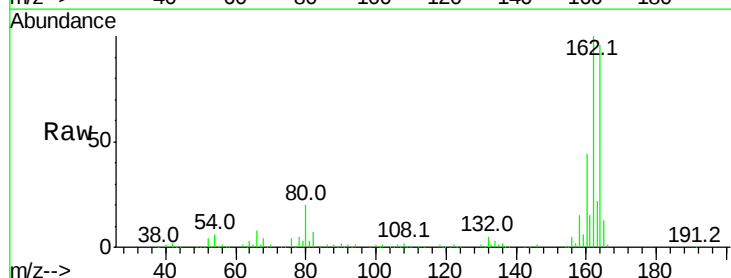


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

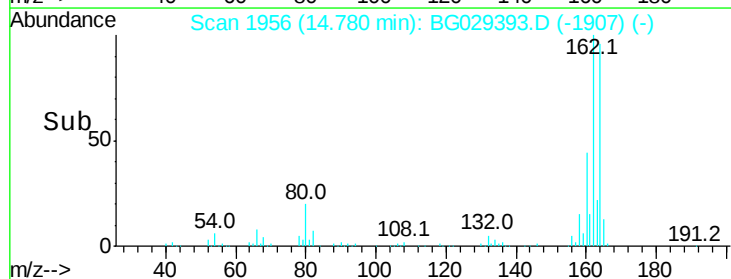
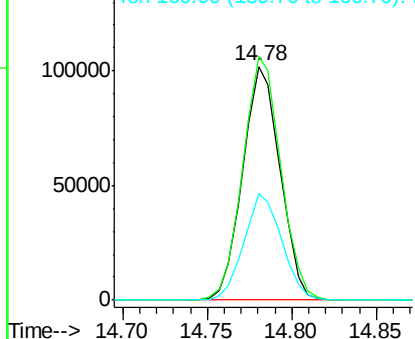


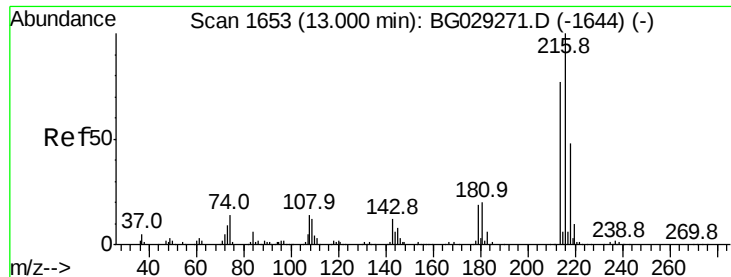
#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.78 min Scan# 1956  
Delta R.T. -0.01 min  
Lab File: BG029393.D  
Acq: 21 Oct 2017 16:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 104.1 | 78.8  | 118.2 |
| 160     | 45.4  | 35.4  | 53.0  |



Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 27.991 ng

RT: 12.99 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BG029393.D

Acq: 21 Oct 2017 16:03

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:216 Resp: 160813

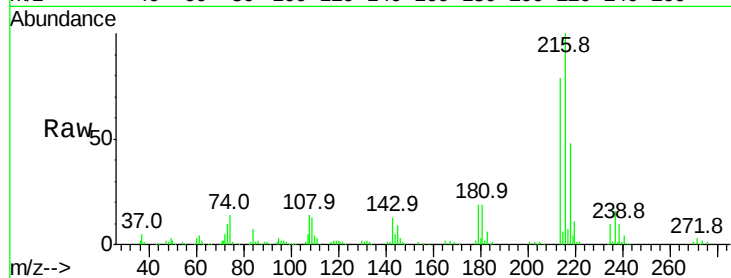
Ion Ratio Lower Upper

216 100

214 75.7 63.0 94.4

179 19.2 17.0 25.6

108 17.3 12.8 19.2

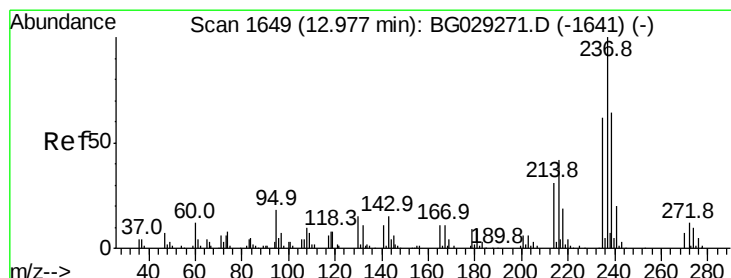
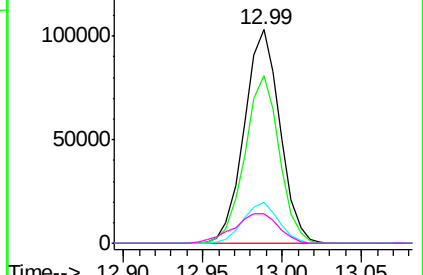
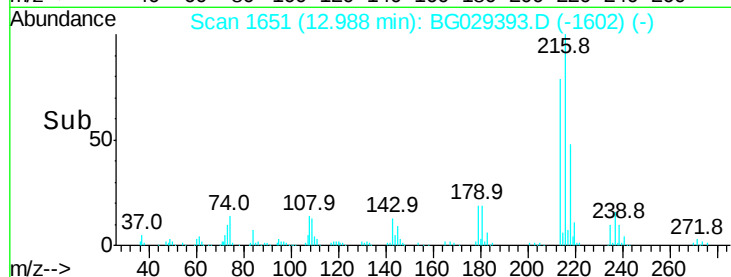


Abundance Ion 216.00 (215.70 to 216.70): E

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: 89.488 ng

RT: 12.97 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BG029393.D

Acq: 21 Oct 2017 16:03

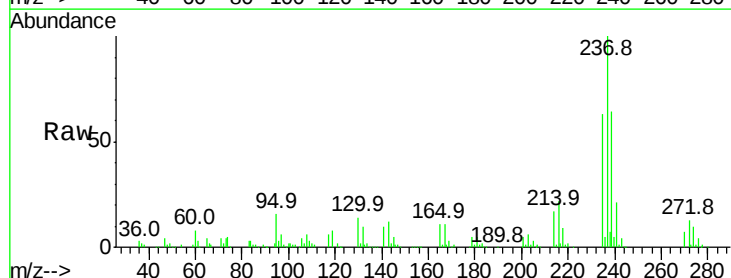
Tgt Ion:237 Resp: 196039

Ion Ratio Lower Upper

237 100

235 62.8 50.4 90.4

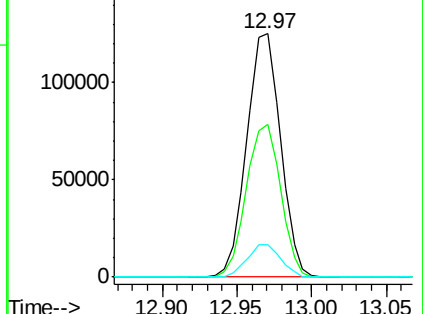
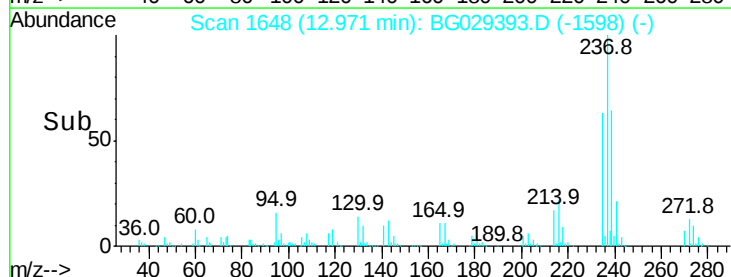
272 13.2 0.0 31.8

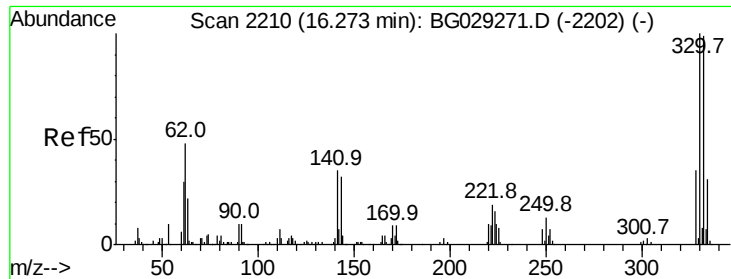


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

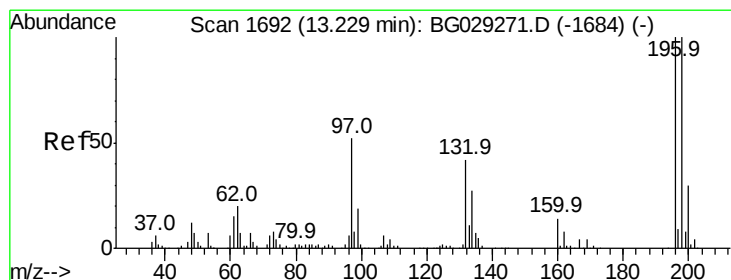
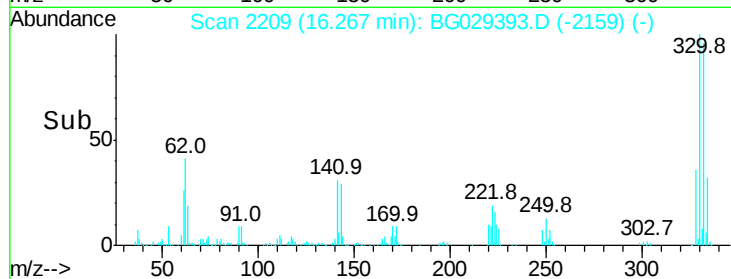
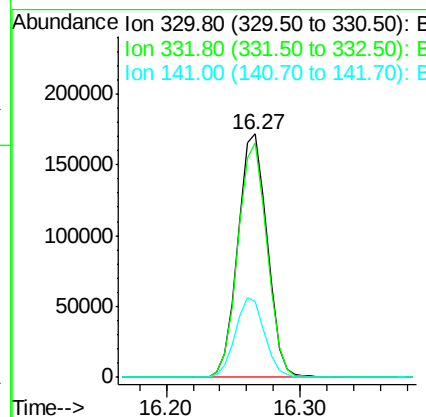
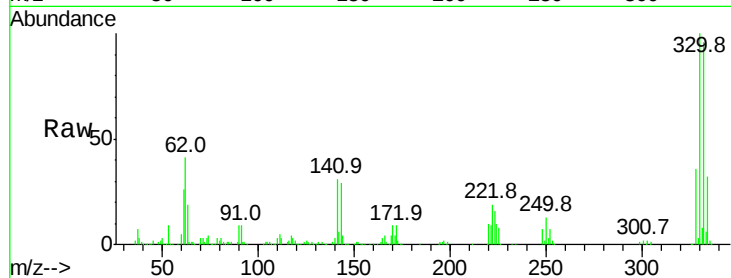




#41  
 2,4,6-Tribromophenol  
 Concen: 129.652 ng  
 RT: 16.27 min Scan# 2209  
 Delta R.T. -0.01 min  
 Lab File: BG029393.D  
 Acq: 21 Oct 2017 16:03

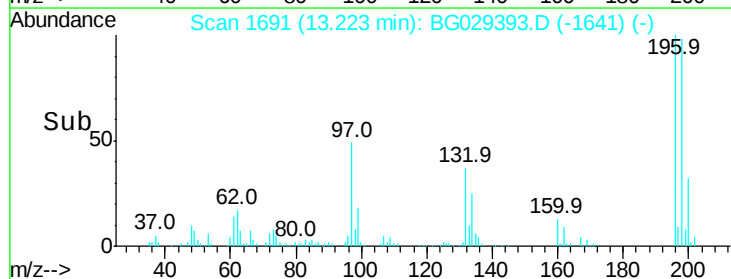
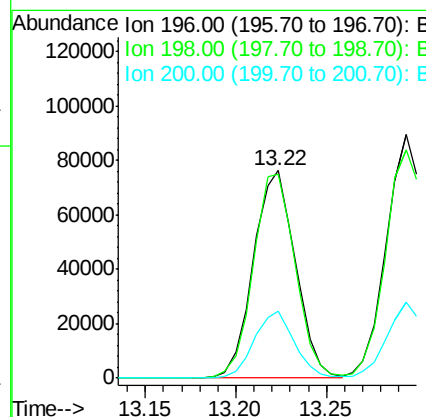
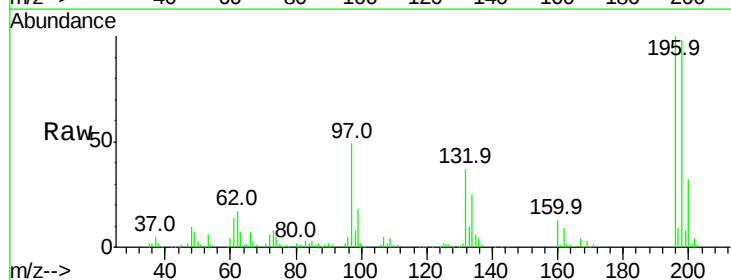
Instrument :  
 BNA\_G  
 ClientSampleId :

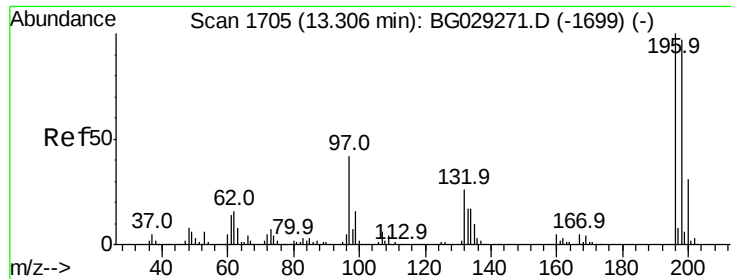
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.9  | 77.0  | 115.6 |
| 141     | 32.5  | 25.2  | 37.8  |



#42  
 2,4,6-Trichlorophenol  
 Concen: 34.050 ng  
 RT: 13.22 min Scan# 1691  
 Delta R.T. -0.01 min  
 Lab File: BG029393.D  
 Acq: 21 Oct 2017 16:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 98.4  | 78.2  | 117.2 |
| 200     | 32.2  | 24.6  | 36.8  |

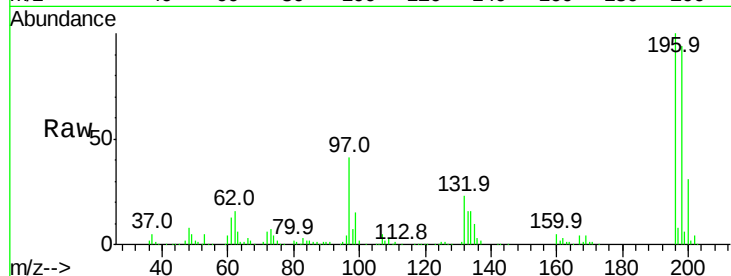




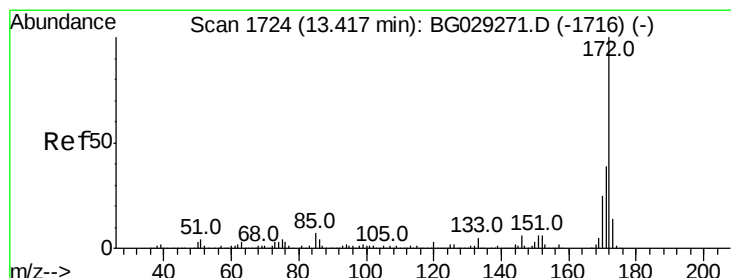
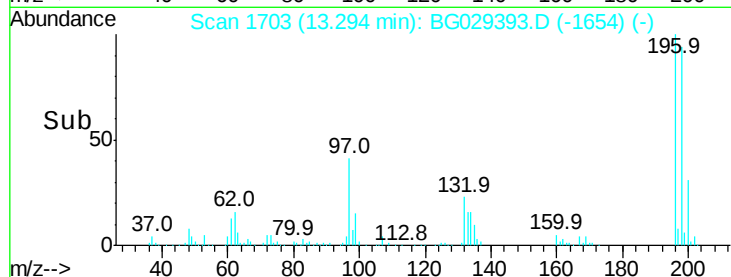
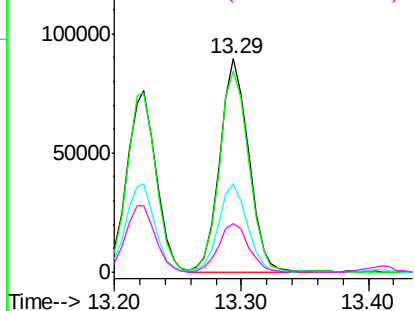
#43  
 2,4,5-Trichlorophenol  
 Concen: 38.036 ng  
 RT: 13.29 min Scan# 1703  
 Delta R.T. -0.01 min  
 Lab File: BG029393.D  
 Acq: 21 Oct 2017 16:03

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:196 Resp: 140880  
 Ion Ratio Lower Upper  
 196 100  
 198 93.9 76.2 114.4  
 97 41.2 38.7 58.1  
 132 23.1 20.2 30.2

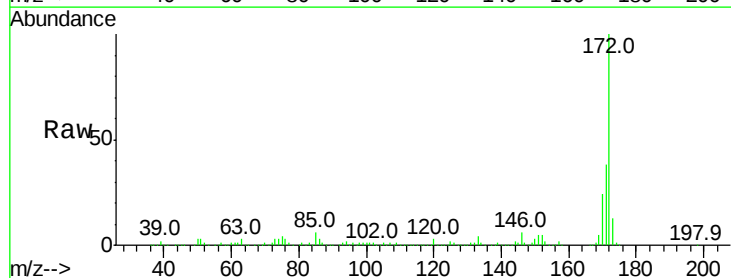


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BGC  
 Ion 132.00 (131.70 to 132.70): E

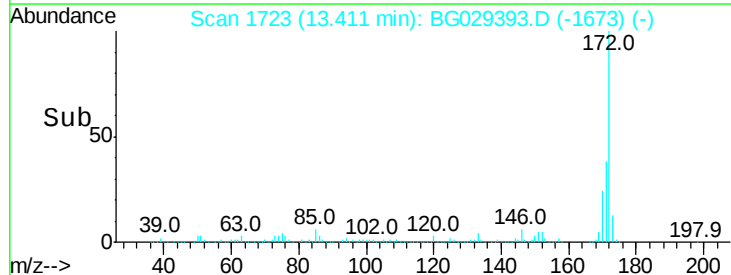
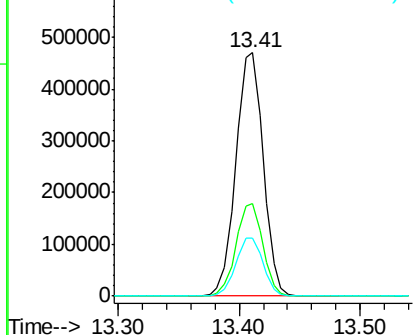


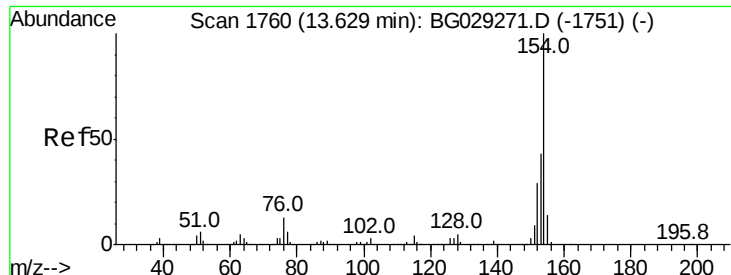
#44  
 2-Fluorobiphenyl  
 Concen: 69.246 ng  
 RT: 13.41 min Scan# 1723  
 Delta R.T. -0.01 min  
 Lab File: BG029393.D  
 Acq: 21 Oct 2017 16:03

Tgt Ion:172 Resp: 742939  
 Ion Ratio Lower Upper  
 172 100  
 171 37.9 30.0 45.0  
 170 24.1 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

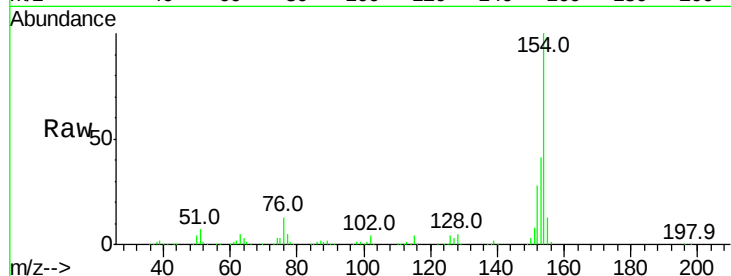




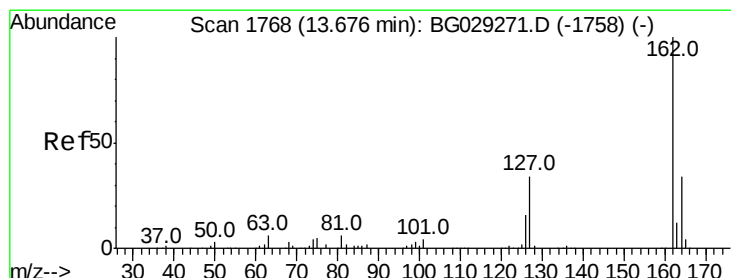
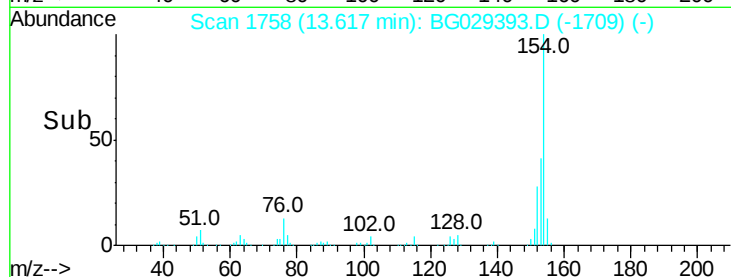
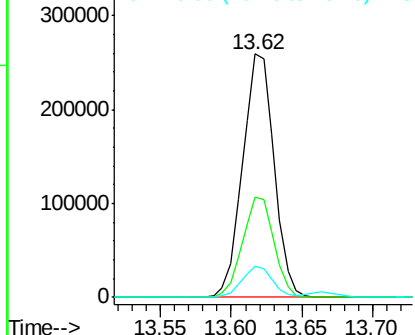
#45  
 1,1'-Biphenyl  
 Concen: 29.973 ng  
 RT: 13.62 min Scan# 1758  
 Delta R.T. -0.01 min  
 Lab File: BG029393.D  
 Acq: 21 Oct 2017 16:03

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.4  | 19.8  | 59.8  |
| 76      | 12.9  | 0.0   | 31.9  |

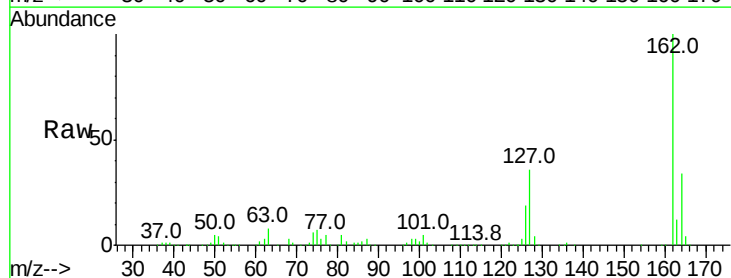


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): B

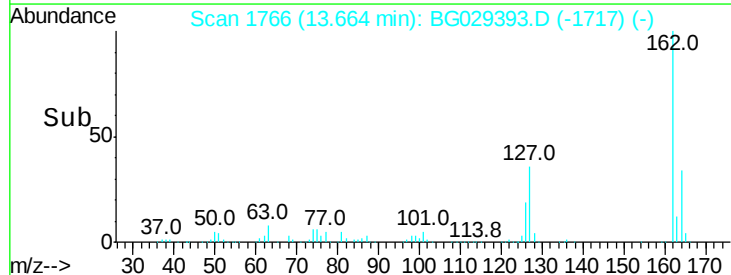
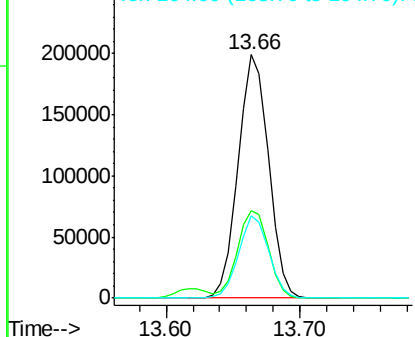


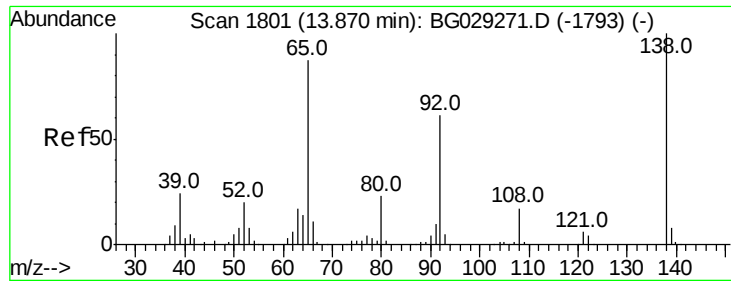
#46  
 2-Chloronaphthalene  
 Concen: 31.711 ng  
 RT: 13.66 min Scan# 1766  
 Delta R.T. -0.01 min  
 Lab File: BG029393.D  
 Acq: 21 Oct 2017 16:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 35.7  | 30.7  | 46.1  |
| 164     | 33.7  | 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

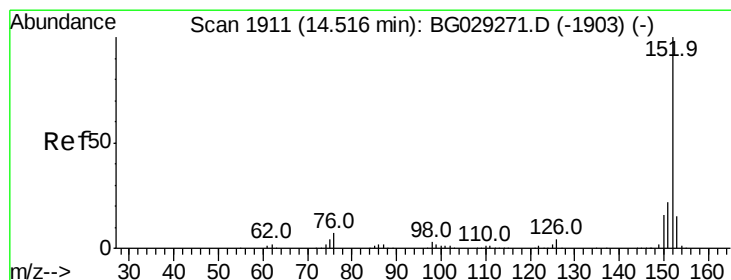
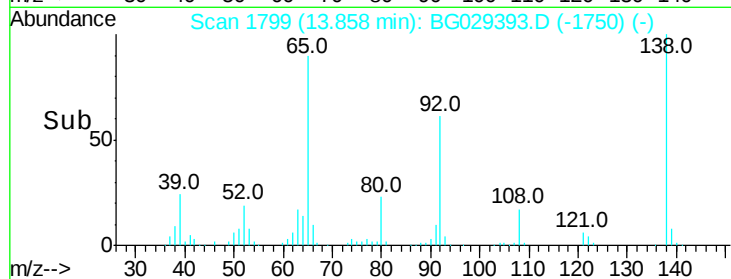
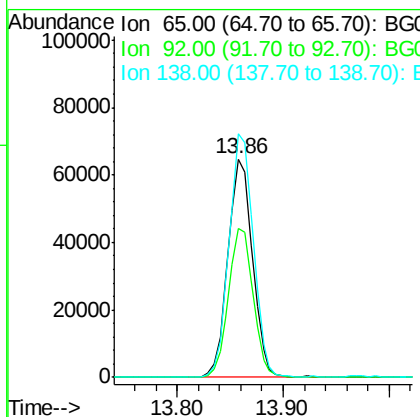
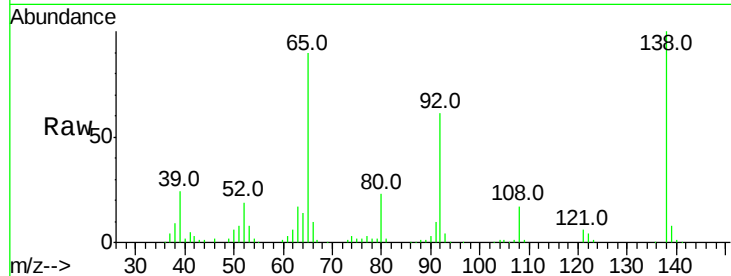




#47  
 2-Nitroaniline  
 Concen: 38.461 ng  
 RT: 13.86 min Scan# 1799  
 Delta R.T. -0.01 min  
 Lab File: BG029393.D  
 Acq: 21 Oct 2017 16:03

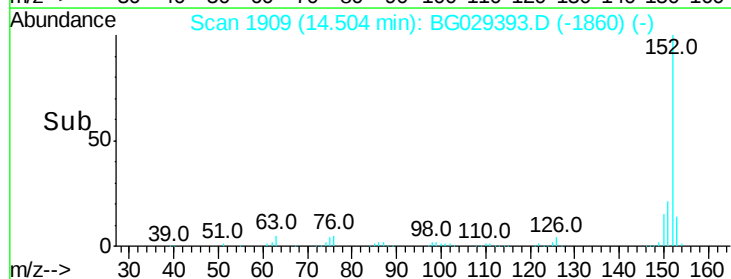
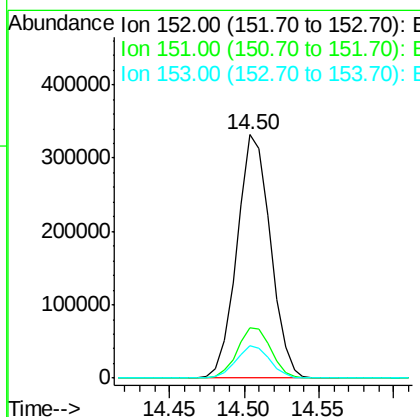
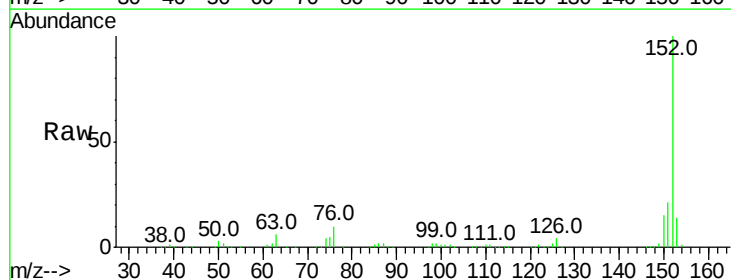
Instrument :  
 BNA\_G  
 ClientSampled :

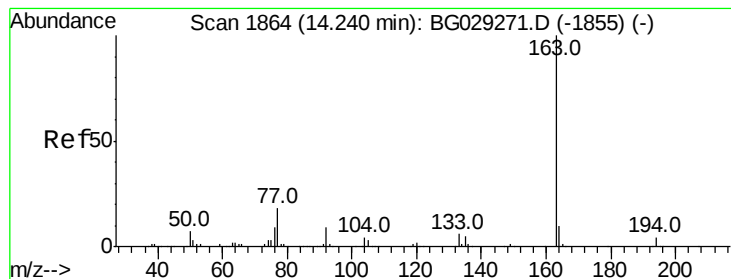
Tot Ion: 65 Resp: 104223  
 Ion Ratio Lower Upper  
 65 100  
 92 68.3 54.6 82.0  
 138 111.4 72.9 109.3#



#48  
 Acenaphthylene  
 Concen: 33.413 ng  
 RT: 14.50 min Scan# 1909  
 Delta R.T. -0.01 min  
 Lab File: BG029393.D  
 Acq: 21 Oct 2017 16:03

Tgt Ion: 152 Resp: 515906  
 Ion Ratio Lower Upper  
 152 100  
 151 20.8 17.2 25.8  
 153 13.6 10.2 15.4





#49

Dimethylphthalate

Concen: 36.809 ng

RT: 14.23 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BG029393.D

Acq: 21 Oct 2017 16:03

Instrument :

BNA\_G

ClientSampleId :

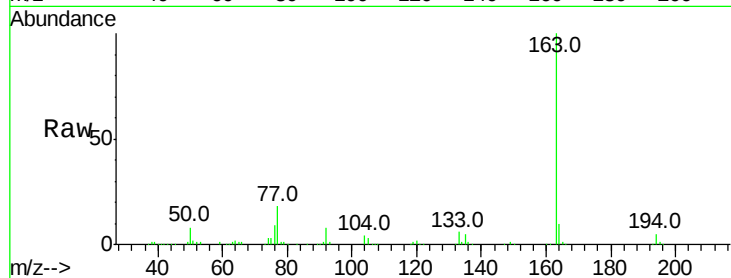
Tot Ion:163 Resp: 451925

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.2

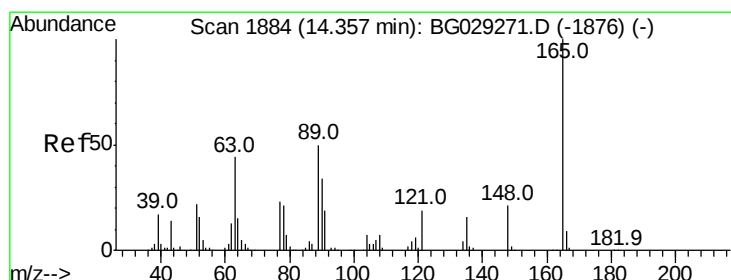
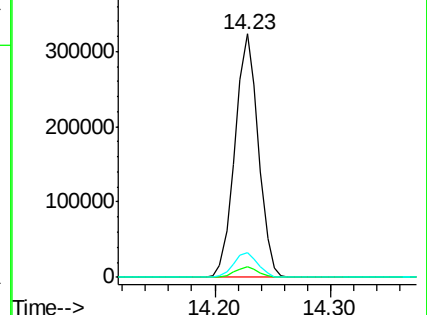
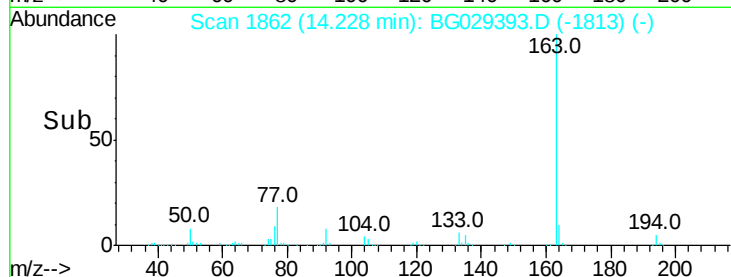
164 10.0 8.2 12.4



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: 38.681 ng

RT: 14.35 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BG029393.D

Acq: 21 Oct 2017 16:03

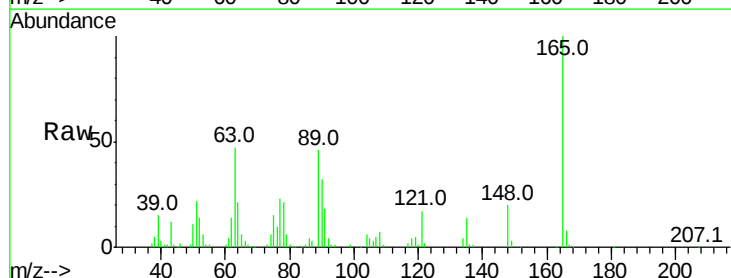
Tgt Ion:165 Resp: 99556

Ion Ratio Lower Upper

165 100

63 47.1 52.7 79.1#

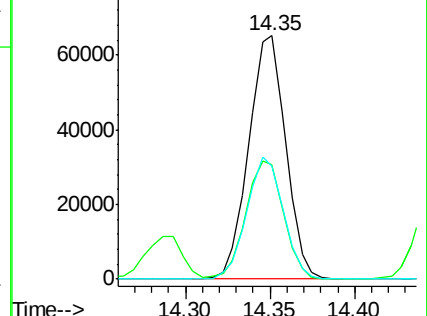
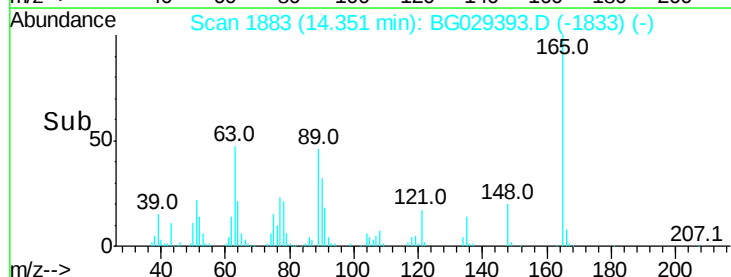
89 46.4 49.2 73.8#

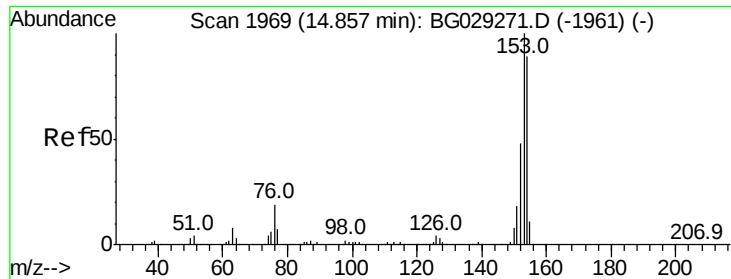


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 32.463 ng

RT: 14.84 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG029393.D

Acq: 21 Oct 2017 16:03

Instrument :

BNA\_G

ClientSampleId :

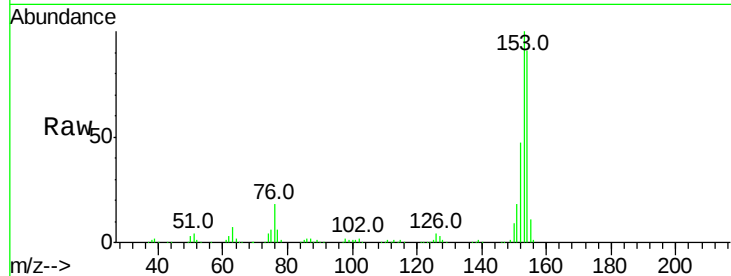
Tot Ion:154 Resp: 326120

Ion Ratio Lower Upper

154 100

153 109.3 90.4 135.6

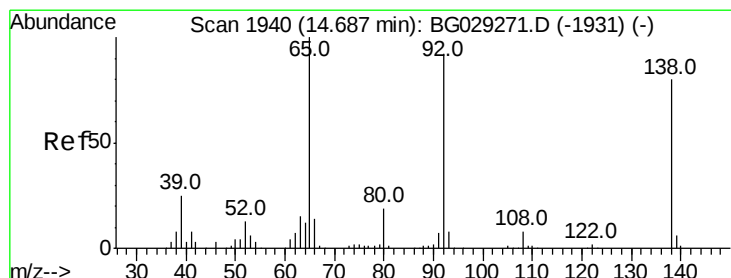
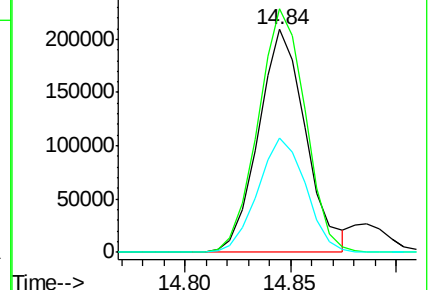
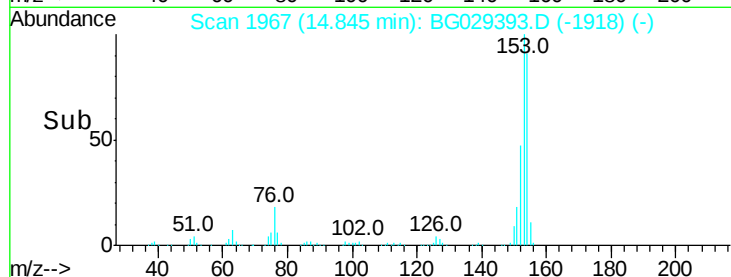
152 51.4 41.6 62.4



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: 22.882 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG029393.D

Acq: 21 Oct 2017 16:03

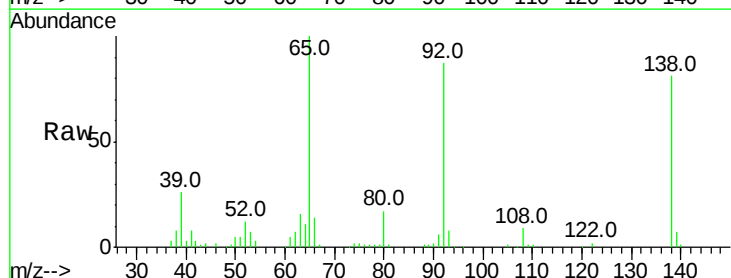
Tgt Ion:138 Resp: 63548

Ion Ratio Lower Upper

138 100

108 10.6 17.5 26.3#

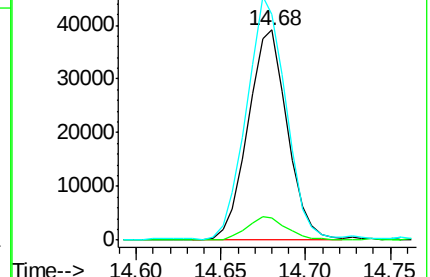
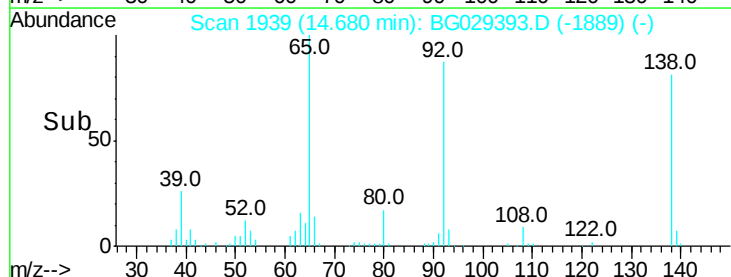
92 107.7 105.8 158.8

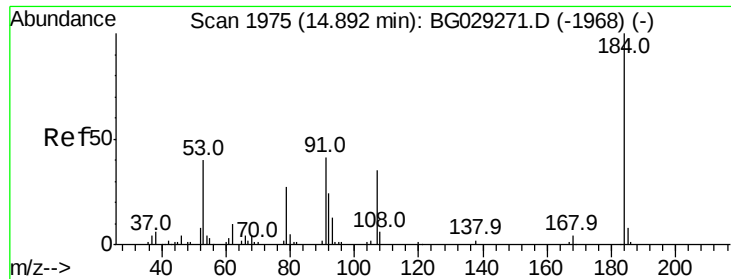


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

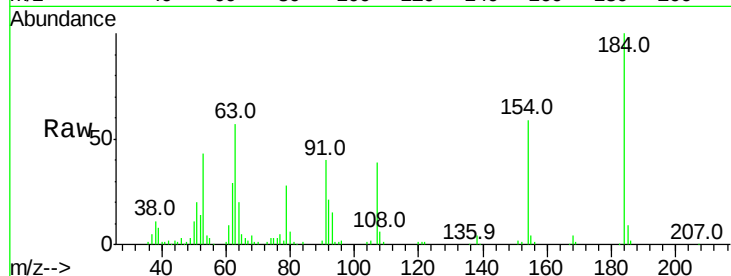




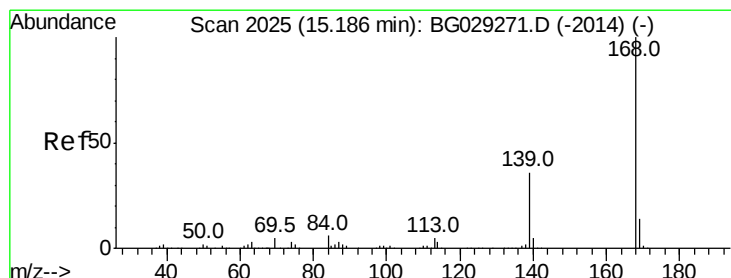
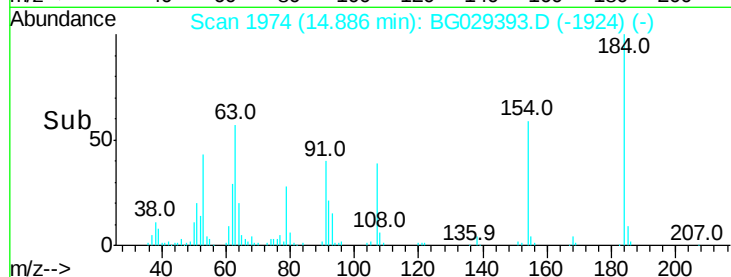
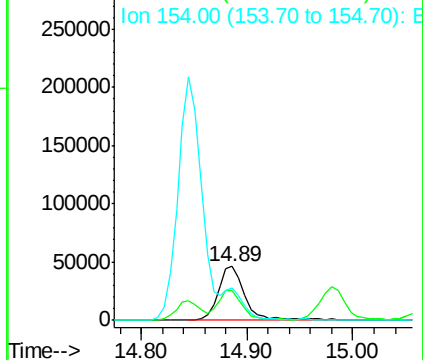
#53  
2,4-Dinitrophenol  
Concen: 59.199 ng  
RT: 14.89 min Scan# 1974  
Delta R.T. -0.01 min  
Lab File: BG029393.D  
Acq: 21 Oct 2017 16:03

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:184 Resp: 81237  
Ion Ratio Lower Upper  
184 100  
63 56.6 59.8 89.8#  
154 59.3 101.8 152.8#

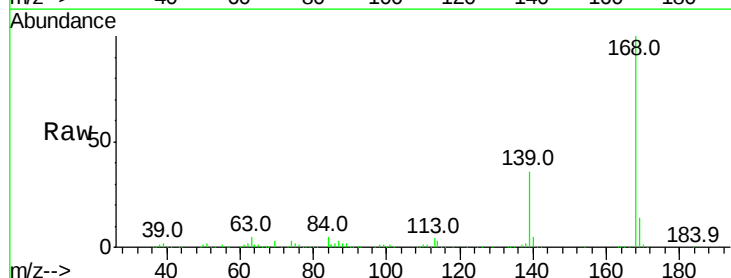


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BG  
Ion 154.00 (153.70 to 154.70): E

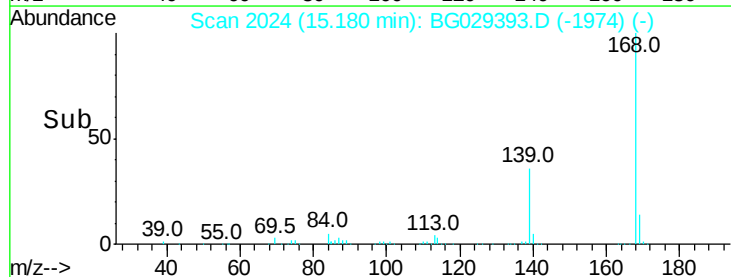
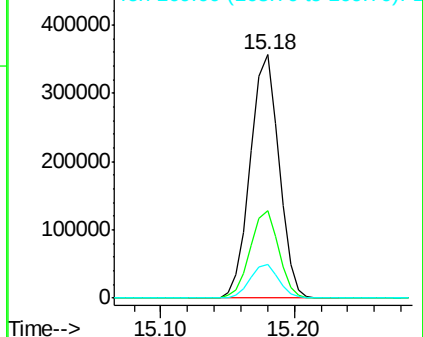


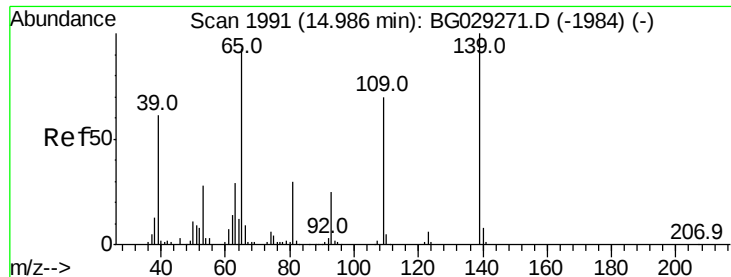
#54  
Dibenzofuran  
Concen: 36.794 ng  
RT: 15.18 min Scan# 2024  
Delta R.T. -0.01 min  
Lab File: BG029393.D  
Acq: 21 Oct 2017 16:03

Tgt Ion:168 Resp: 527674  
Ion Ratio Lower Upper  
168 100  
139 35.7 28.6 43.0  
169 14.0 11.2 16.8



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





#55

4-Nitrophenol

Concen: 74.282 ng

RT: 14.98 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG029393.D

Acq: 21 Oct 2017 16:03

Instrument :

BNA\_G

ClientSampleId :

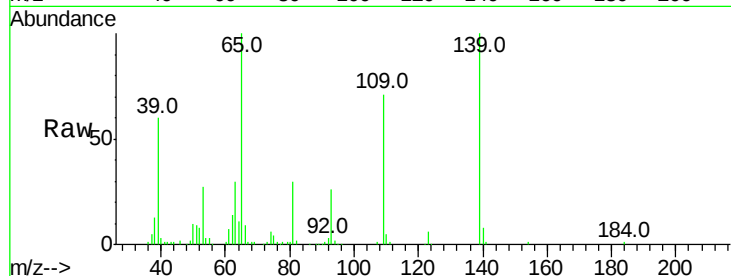
Tot Ion:139 Resp: 170078

Ion Ratio Lower Upper

139 100

109 71.4 62.2 102.2

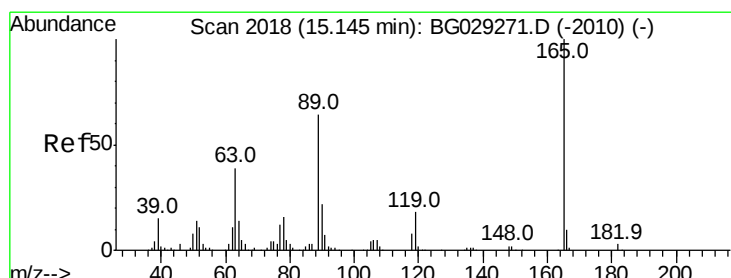
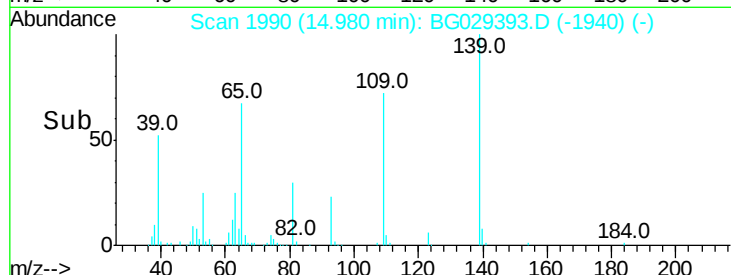
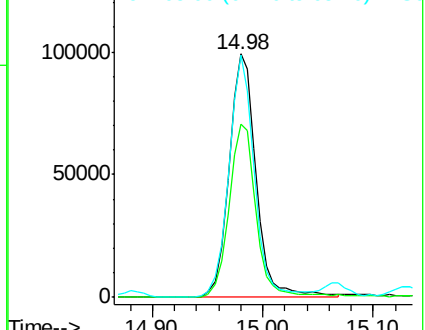
65 99.6 97.2 137.2



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: 41.784 ng

RT: 15.13 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BG029393.D

Acq: 21 Oct 2017 16:03

Tgt Ion:165 Resp: 145579

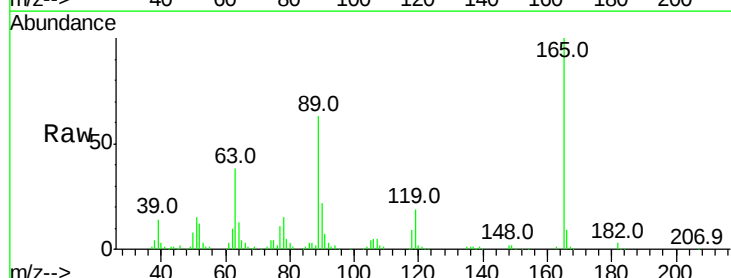
Ion Ratio Lower Upper

165 100

63 38.3 42.0 63.0#

89 63.1 66.9 100.3#

182 3.1 2.6 3.8

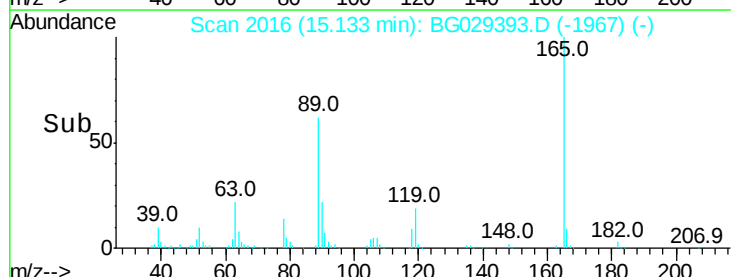
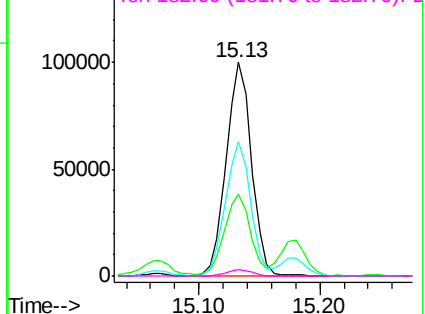


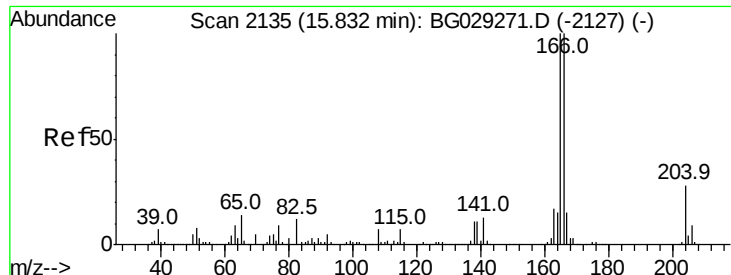
Abundance Ion 165.00 (164.70 to 165.70): E

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: 36.142 ng

RT: 15.83 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BG029393.D

Acq: 21 Oct 2017 16:03

Instrument :

BNA\_G

ClientSampleId :

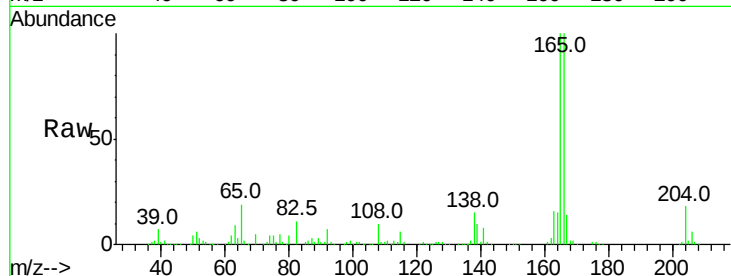
Tot Ion:166 Resp: 428188

Ion Ratio Lower Upper

166 100

165 100.0 80.6 121.0

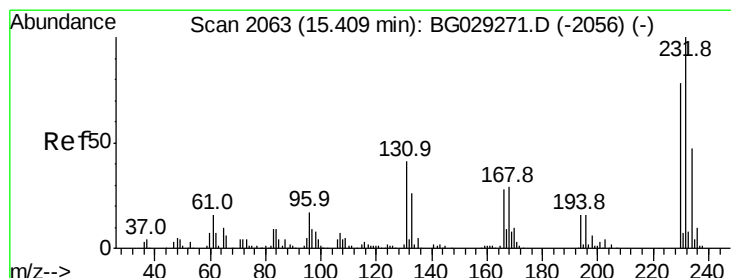
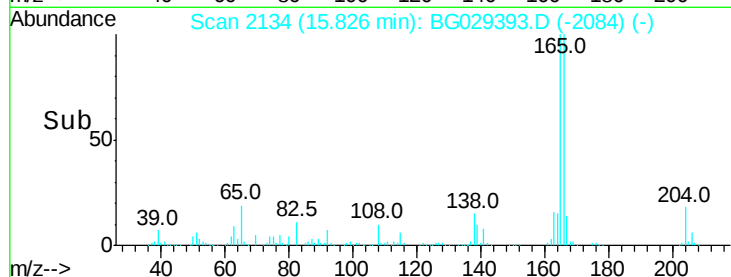
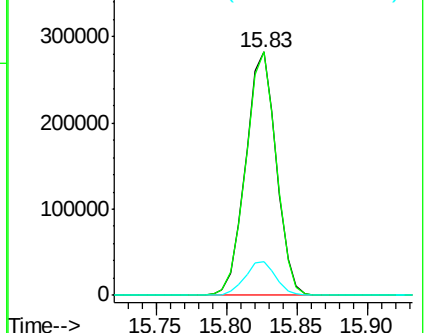
167 14.1 10.4 15.6



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: 44.526 ng

RT: 15.40 min Scan# 2062

Delta R.T. -0.01 min

Lab File: BG029393.D

Acq: 21 Oct 2017 16:03

Tgt Ion:232 Resp: 137592

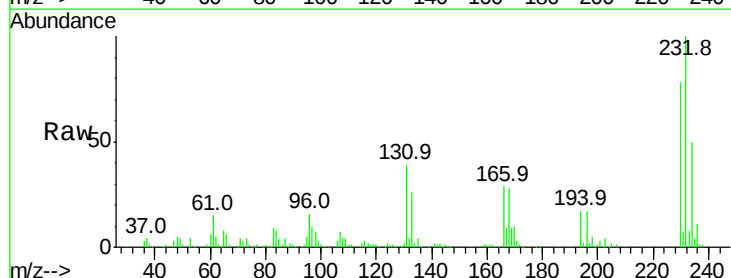
Ion Ratio Lower Upper

232 100

131 38.0 33.5 50.3

130 2.4 2.2 3.2

166 29.4 24.8 37.2

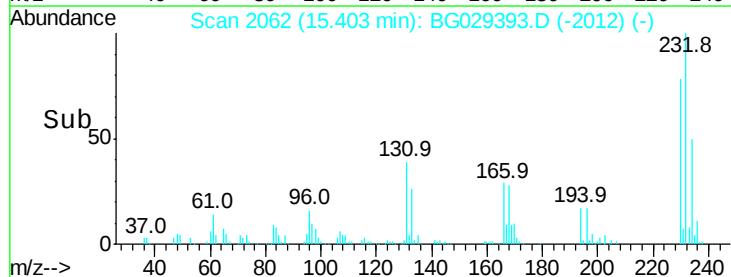
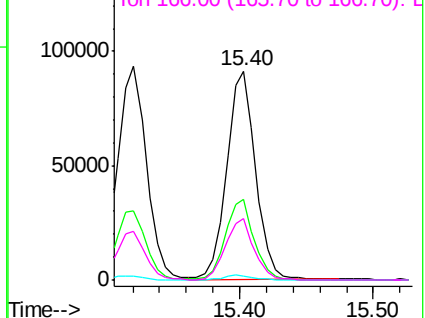


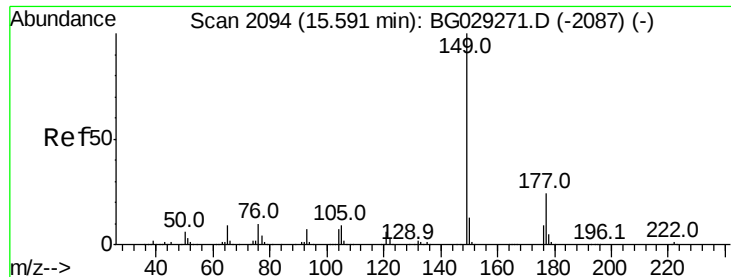
Abundance Ion 232.00 (231.70 to 232.70): E

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

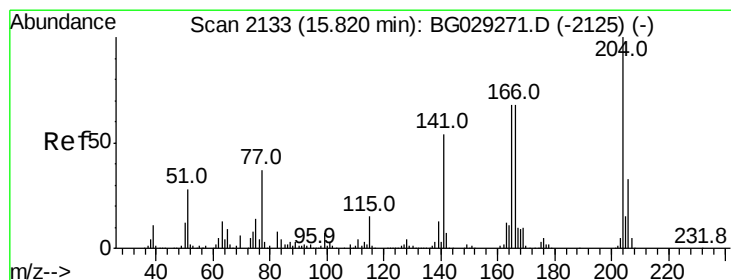
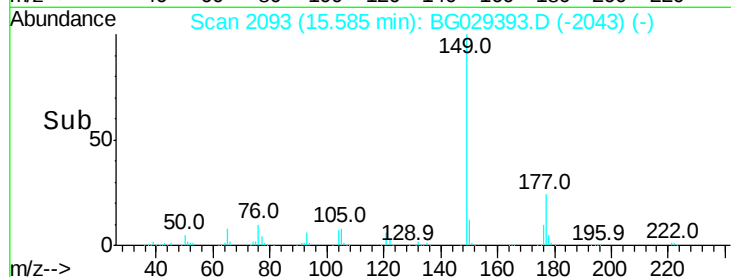
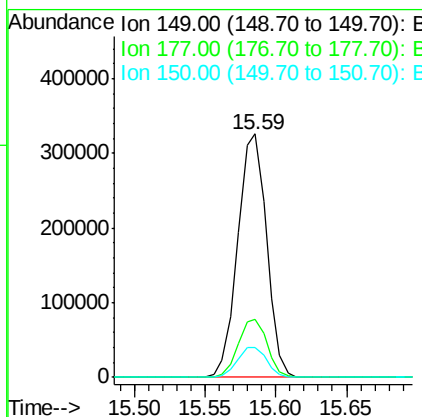
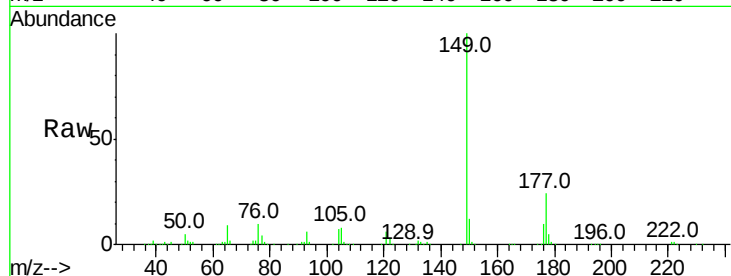




#59  
Diethylphthalate  
Concen: 38.012 ng  
RT: 15.59 min Scan# 2093  
Delta R.T. -0.01 min  
Lab File: BG029393.D  
Acq: 21 Oct 2017 16:03

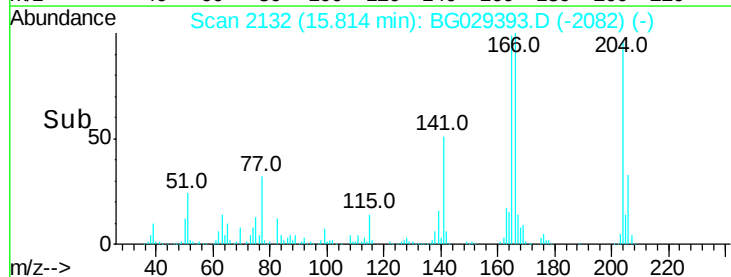
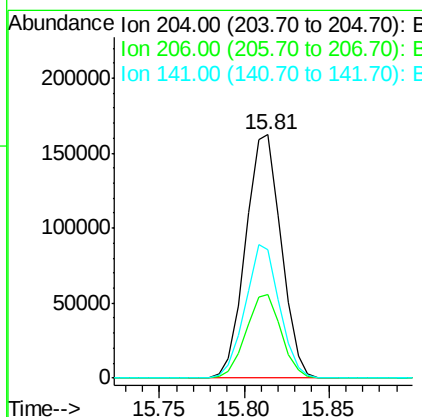
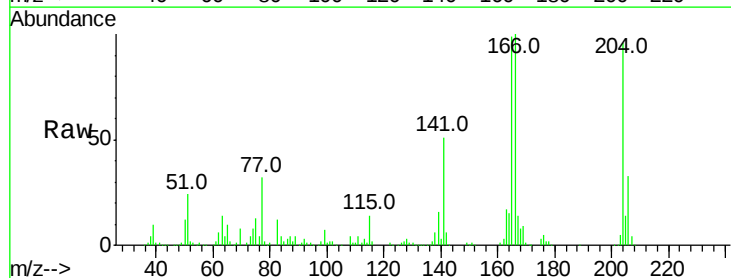
Instrument :  
BNA\_G  
ClientSampleId :

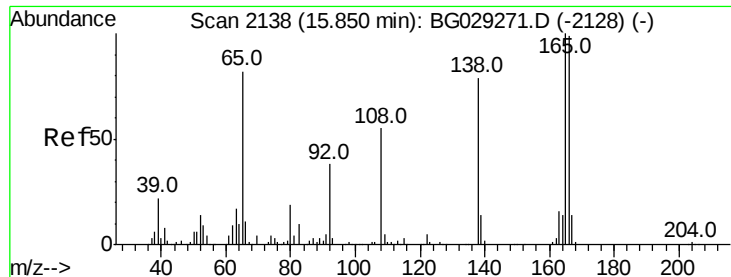
Tot Ion:149 Resp: 465109  
Ion Ratio Lower Upper  
149 100  
177 23.8 18.5 27.7  
150 12.4 10.2 15.2



#60  
4-Chlorophenyl-phenylether  
Concen: 37.565 ng  
RT: 15.81 min Scan# 2132  
Delta R.T. -0.01 min  
Lab File: BG029393.D  
Acq: 21 Oct 2017 16:03

Tgt Ion:204 Resp: 237282  
Ion Ratio Lower Upper  
204 100  
206 34.5 26.2 39.2  
141 52.9 45.8 68.6

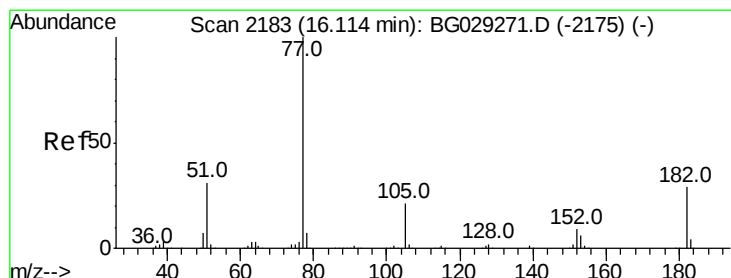
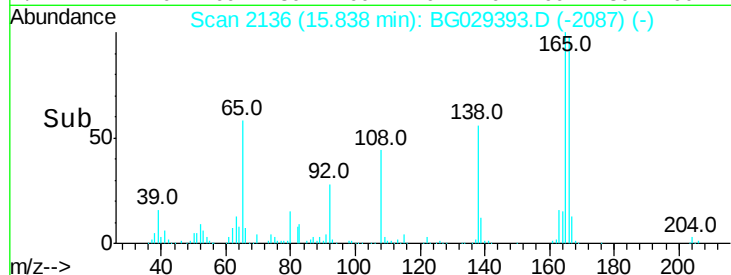
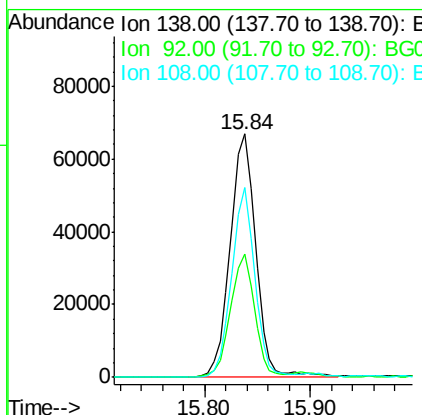
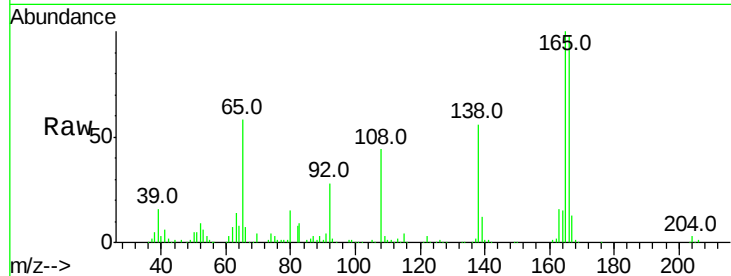




#61  
4-Nitroaniline  
Concen: 39.526 ng  
RT: 15.84 min Scan# 2136  
Delta R.T. -0.01 min  
Lab File: BG029393.D  
Acq: 21 Oct 2017 16:03

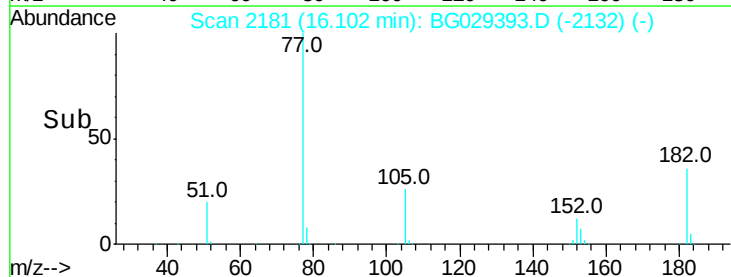
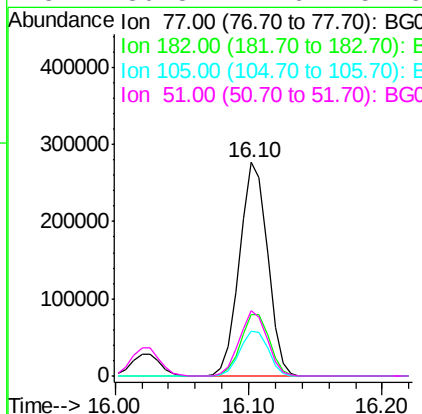
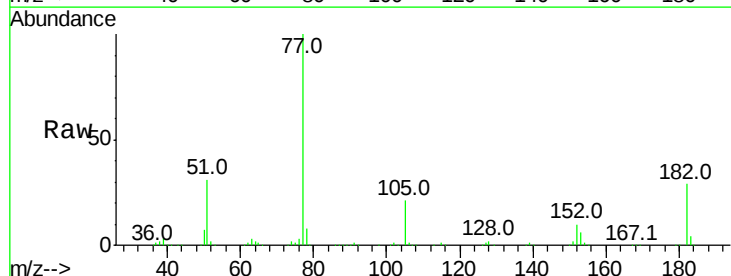
Instrument :  
BNA\_G  
ClientSampleId :

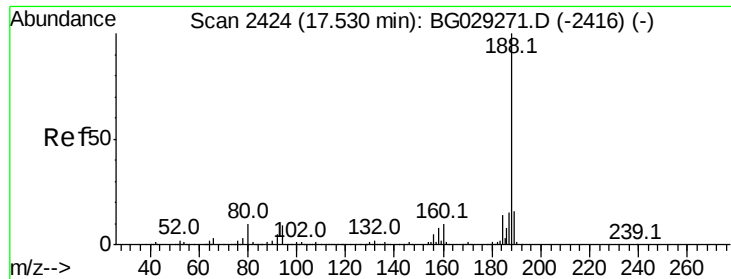
Tot Ion:138 Resp: 112720  
Ion Ratio Lower Upper  
138 100  
92 50.7 40.1 80.1  
108 78.0 65.4 105.4



#62  
Azobenzene  
Concen: 38.932 ng  
RT: 16.10 min Scan# 2181  
Delta R.T. -0.01 min  
Lab File: BG029393.D  
Acq: 21 Oct 2017 16:03

Tgt Ion: 77 Resp: 401702  
Ion Ratio Lower Upper  
77 100  
182 28.8 7.4 47.4  
105 20.9 0.3 40.3  
51 30.8 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BG029393.D

Acq: 21 Oct 2017 16:03

Instrument :

BNA\_G

ClientSampleId :

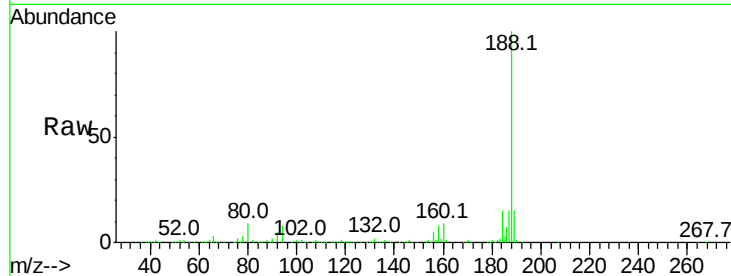
Tot Ion:188 Resp: 415088

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

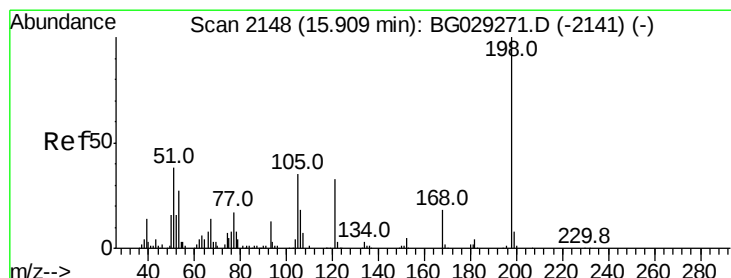
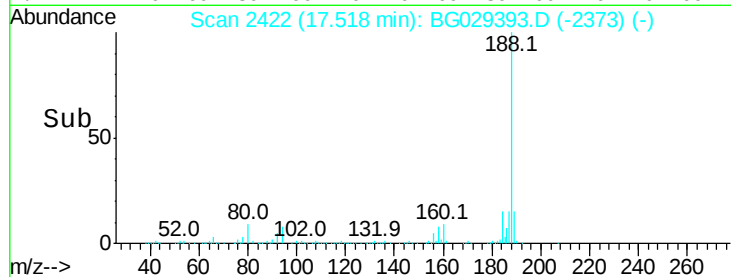
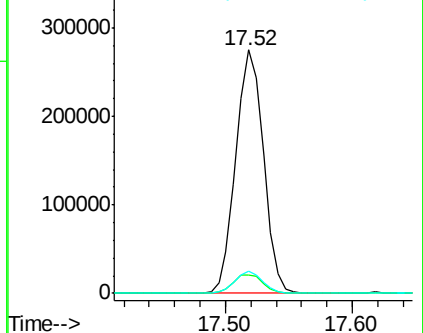
80 9.0 7.7 11.5



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: 32.915 ng

RT: 15.90 min Scan# 2146

Delta R.T. -0.01 min

Lab File: BG029393.D

Acq: 21 Oct 2017 16:03

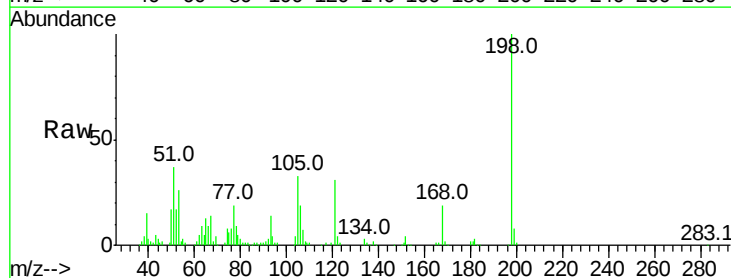
Tgt Ion:198 Resp: 73555

Ion Ratio Lower Upper

198 100

51 36.6 30.6 70.6

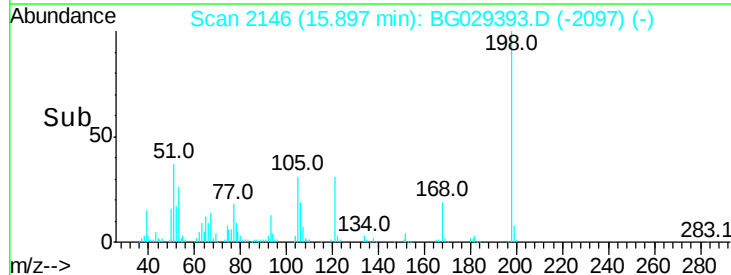
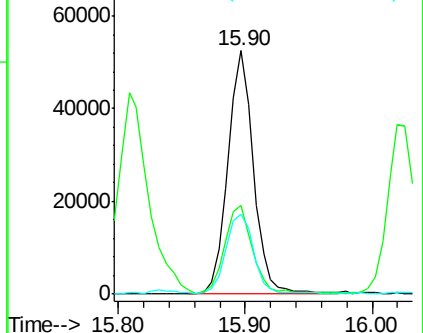
105 32.6 23.8 63.8

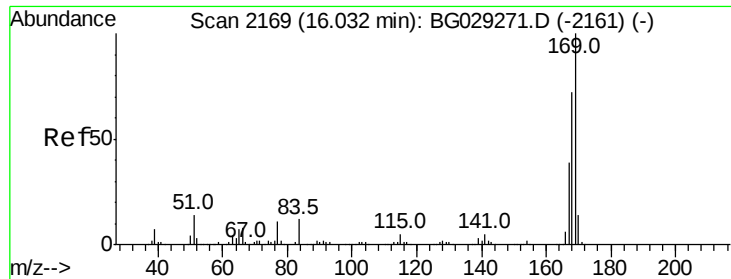


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

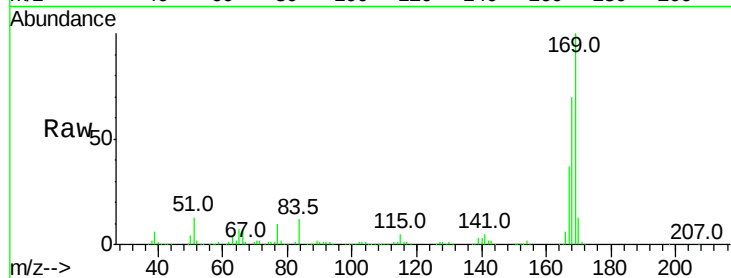




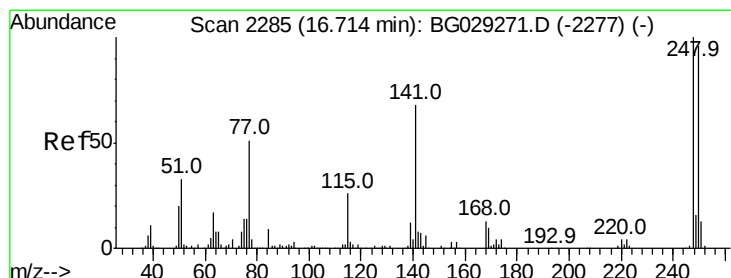
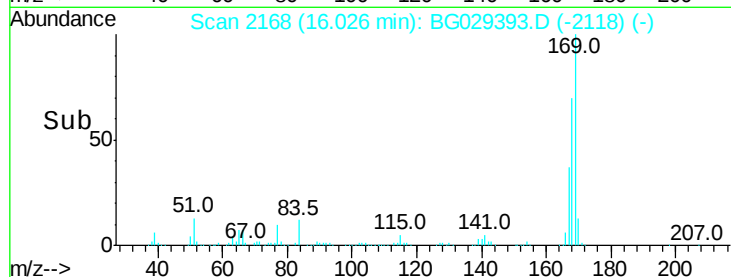
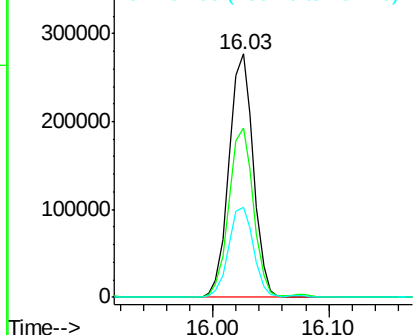
#65  
n-Nitrosodiphenylamine  
Concen: 32.357 ng  
RT: 16.03 min Scan# 2168  
Delta R.T. -0.01 min  
Lab File: BG029393.D  
Acq: 21 Oct 2017 16:03

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:169 Resp: 402339  
Ion Ratio Lower Upper  
169 100  
168 69.8 55.7 83.5  
167 36.7 30.1 45.1

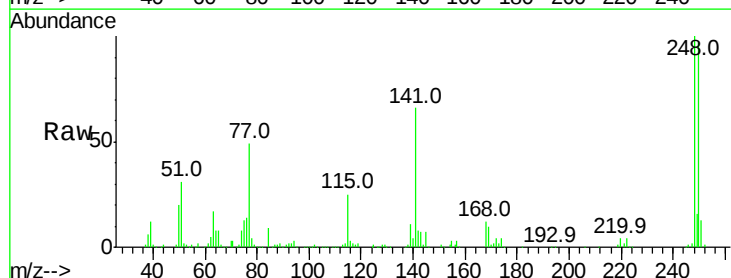


Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E

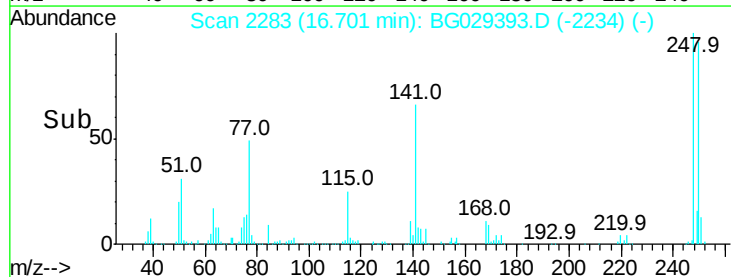
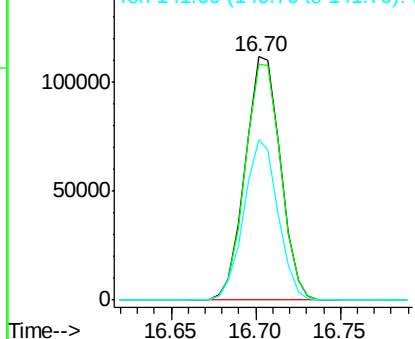


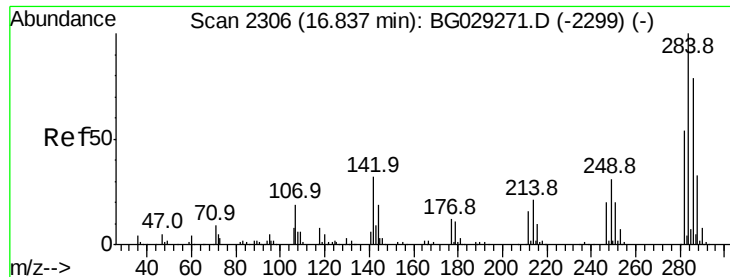
#66  
4-Bromophenyl-phenylether  
Concen: 34.048 ng  
RT: 16.70 min Scan# 2283  
Delta R.T. -0.01 min  
Lab File: BG029393.D  
Acq: 21 Oct 2017 16:03

Tgt Ion:248 Resp: 162171  
Ion Ratio Lower Upper  
248 100  
250 96.9 77.1 115.7  
141 66.1 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

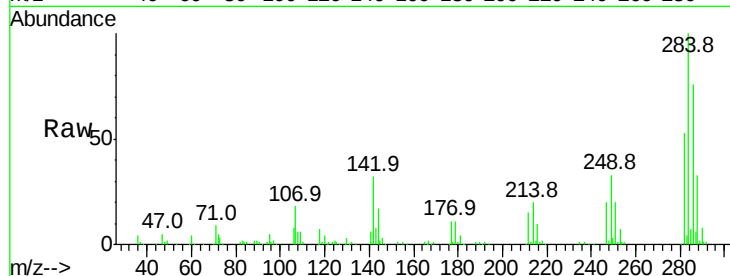




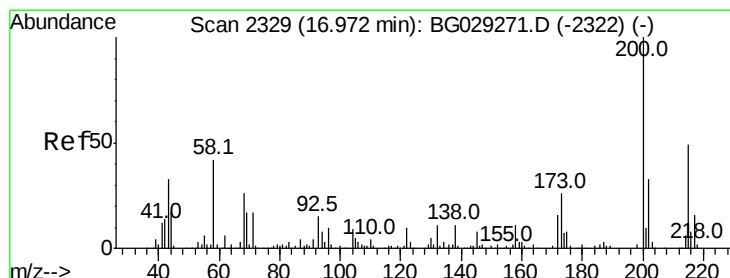
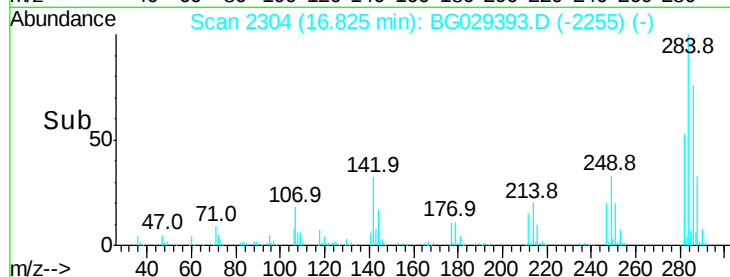
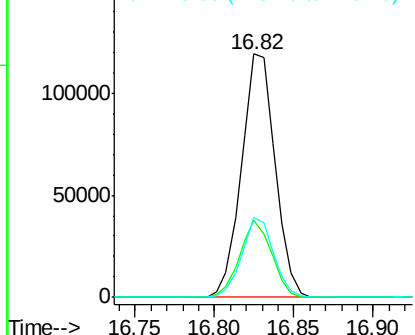
#67  
Hexachlorobenzene  
Concen: 32.467 ng  
RT: 16.82 min Scan# 2304  
Delta R.T. -0.01 min  
Lab File: BG029393.D  
Acq: 21 Oct 2017 16:03

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:284 Resp: 175167  
Ion Ratio Lower Upper  
284 100  
142 31.5 26.8 40.2  
249 32.5 26.3 39.5

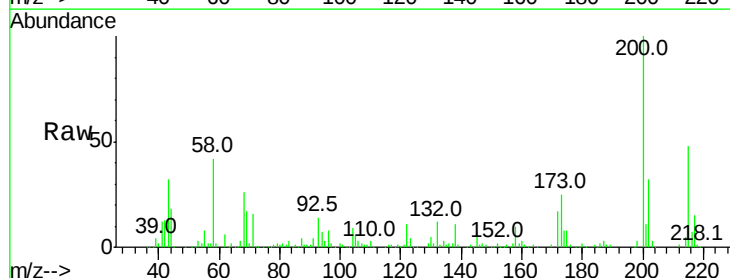


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

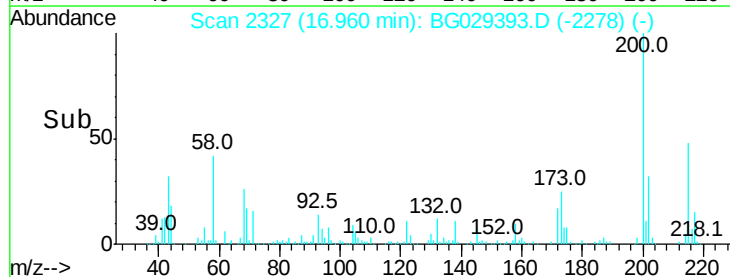
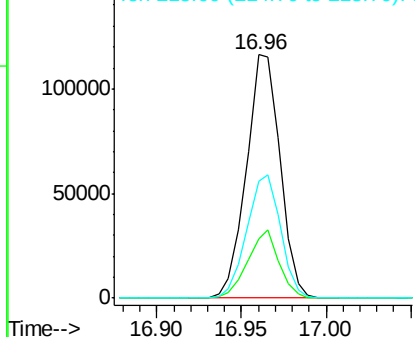


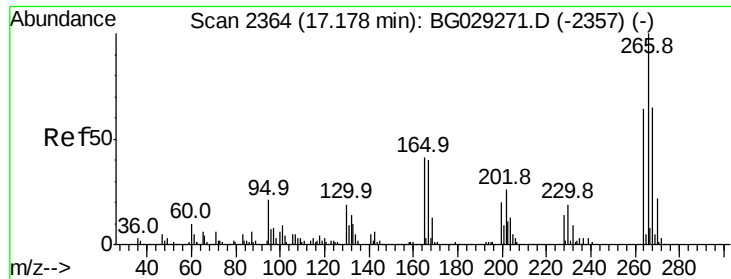
#68  
Atrazine  
Concen: 36.542 ng  
RT: 16.96 min Scan# 2327  
Delta R.T. -0.01 min  
Lab File: BG029393.D  
Acq: 21 Oct 2017 16:03

Tgt Ion:200 Resp: 162127  
Ion Ratio Lower Upper  
200 100  
173 24.6 5.2 45.2  
215 47.8 30.4 70.4



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

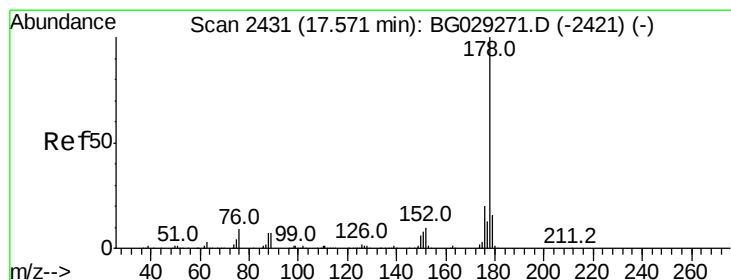
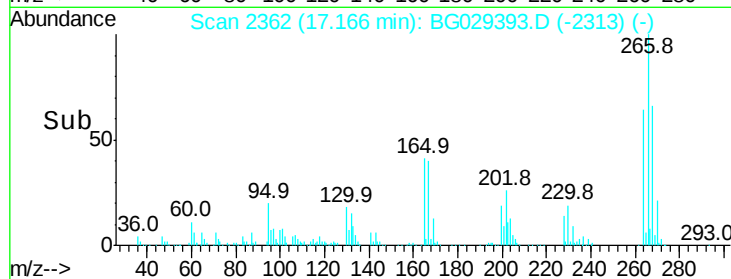
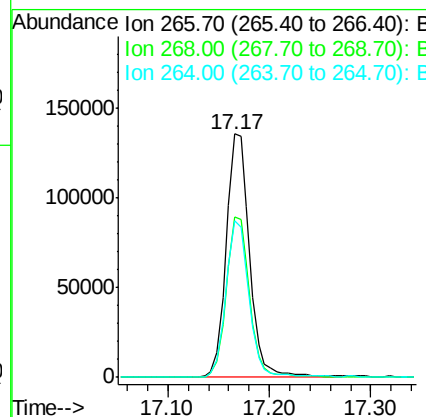
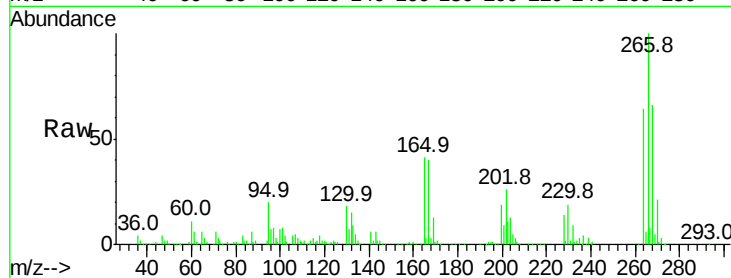




#69  
 Pentachlorophenol  
 Concen: 70.126 ng  
 RT: 17.17 min Scan# 2362  
 Delta R.T. -0.01 min  
 Lab File: BG029393.D  
 Acq: 21 Oct 2017 16:03

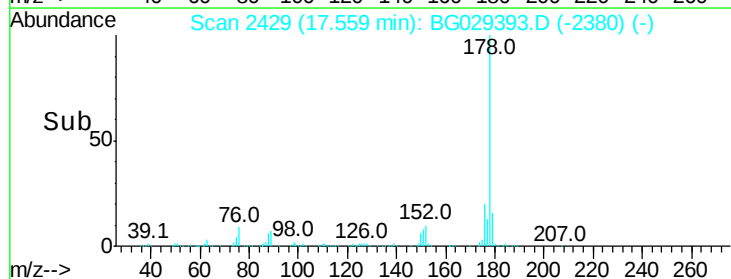
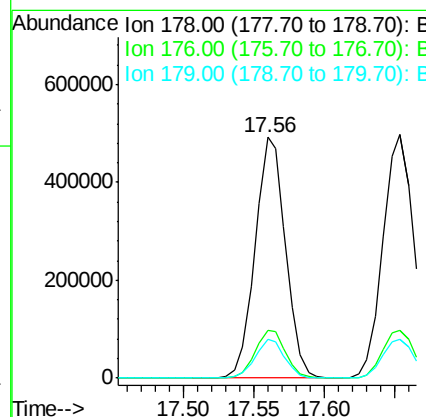
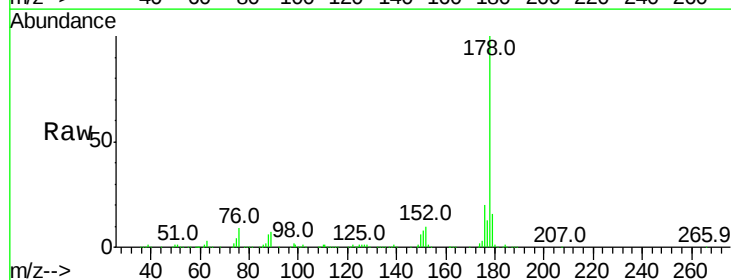
Instrument :  
 BNA\_G  
 ClientSampleId :

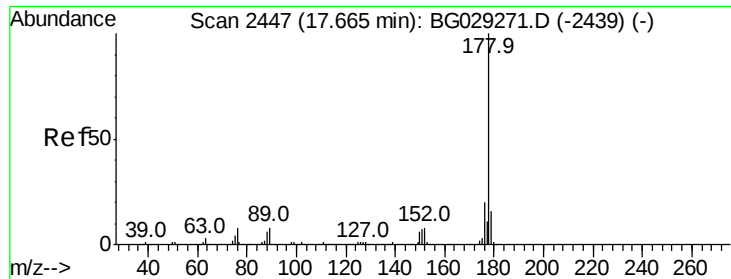
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 65.7  | 51.1  | 76.7  |
| 264     | 64.2  | 49.6  | 74.4  |



#70  
 Phenanthrene  
 Concen: 34.755 ng  
 RT: 17.56 min Scan# 2429  
 Delta R.T. -0.01 min  
 Lab File: BG029393.D  
 Acq: 21 Oct 2017 16:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.1  | 15.7  | 23.5  |
| 179     | 16.4  | 12.5  | 18.7  |

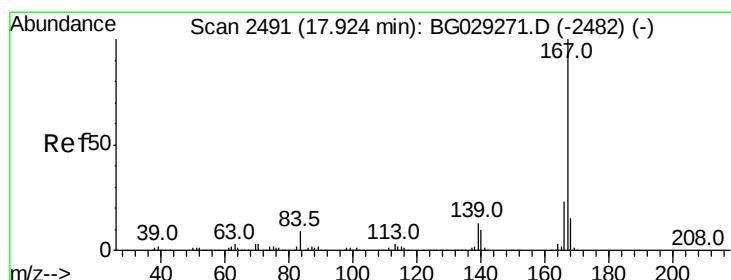
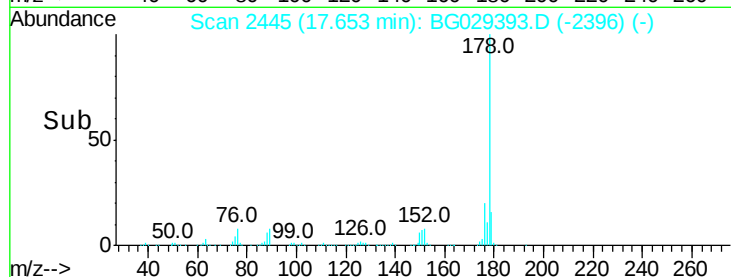
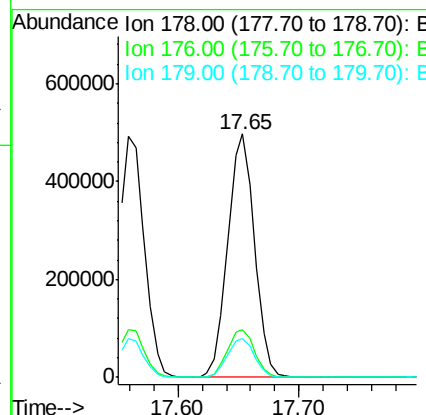
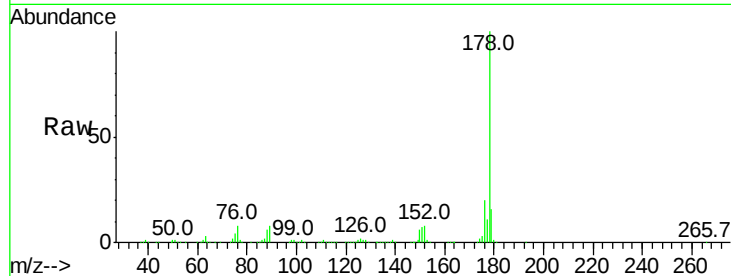




#71  
 Anthracene  
 Concen: 35.379 ng  
 RT: 17.65 min Scan# 2445  
 Delta R.T. -0.01 min  
 Lab File: BG029393.D  
 Acq: 21 Oct 2017 16:03

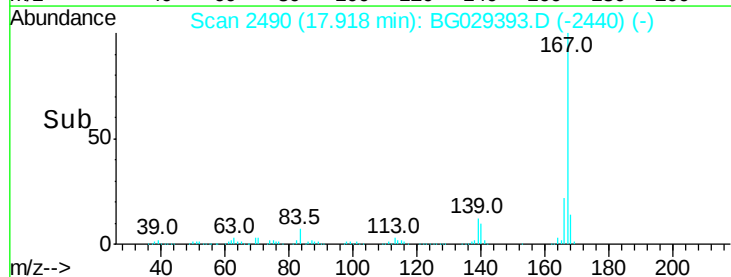
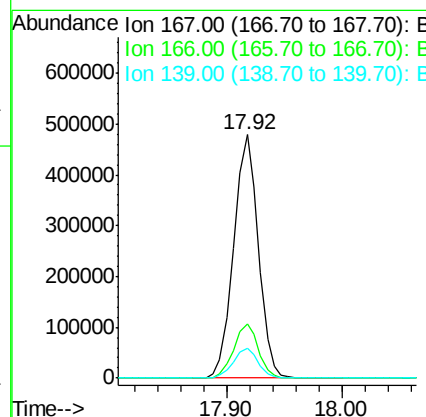
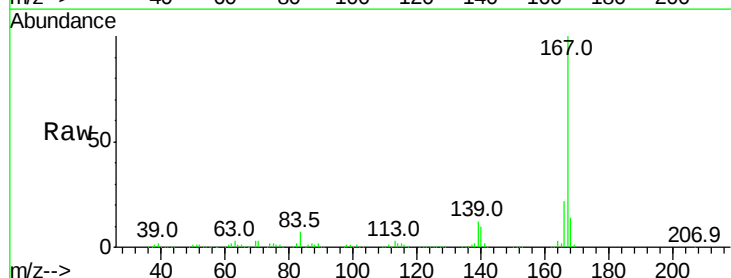
Instrument :  
 BNA\_G  
 ClientSampleId :

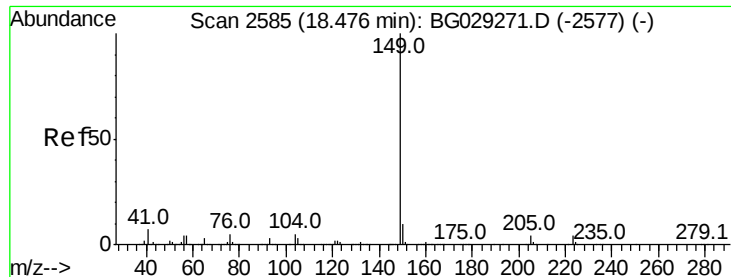
Tot Ion:178 Resp: 761776  
 Ion Ratio Lower Upper  
 178 100  
 176 19.7 16.0 24.0  
 179 16.2 12.5 18.7



#72  
 Carbazole  
 Concen: 34.184 ng  
 RT: 17.92 min Scan# 2490  
 Delta R.T. -0.01 min  
 Lab File: BG029393.D  
 Acq: 21 Oct 2017 16:03

Tgt Ion:167 Resp: 707066  
 Ion Ratio Lower Upper  
 167 100  
 166 22.4 18.2 27.4  
 139 12.3 9.4 14.2





#73

Di-n-butylphthalate

Concen: 34.927 ng

RT: 18.46 min Scan# 2583

Delta R.T. -0.01 min

Lab File: BG029393.D

Acq: 21 Oct 2017 16:03

Instrument :

BNA\_G

ClientSampleId :

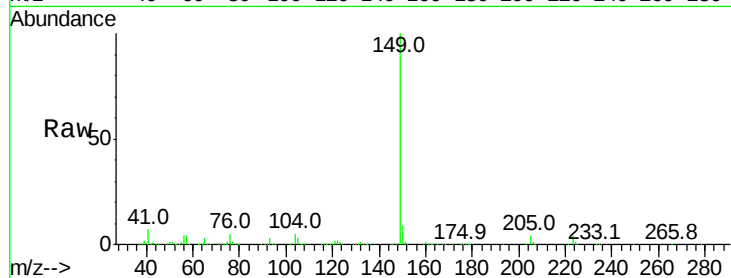
Tot Ion:149 Resp: 830879

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

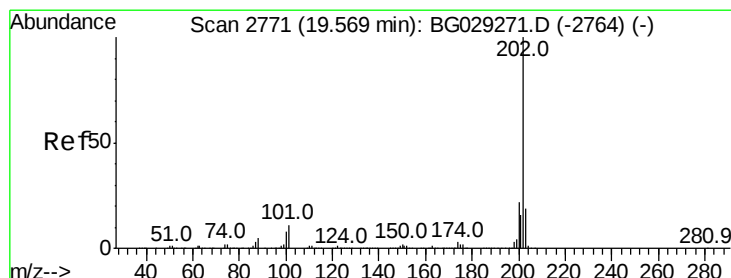
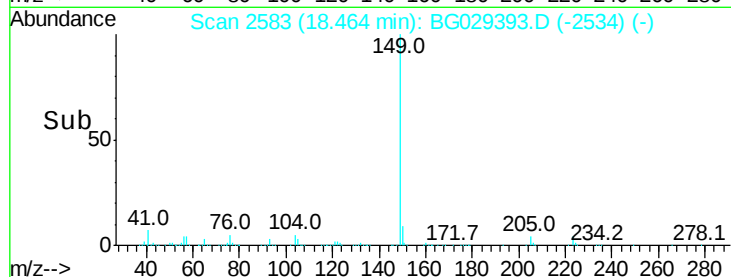
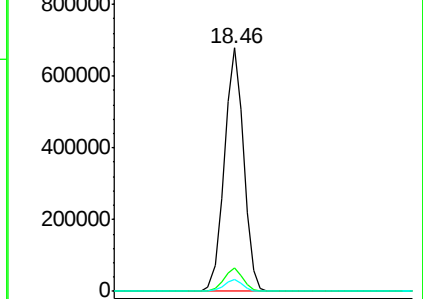
104 5.0 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.032 ng

RT: 19.56 min Scan# 2769

Delta R.T. -0.01 min

Lab File: BG029393.D

Acq: 21 Oct 2017 16:03

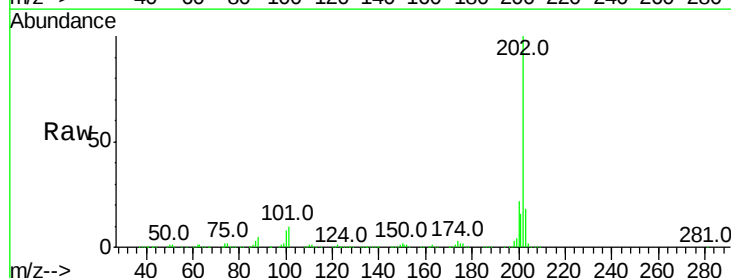
Tgt Ion:202 Resp: 928799

Ion Ratio Lower Upper

202 100

101 10.0 0.0 28.9

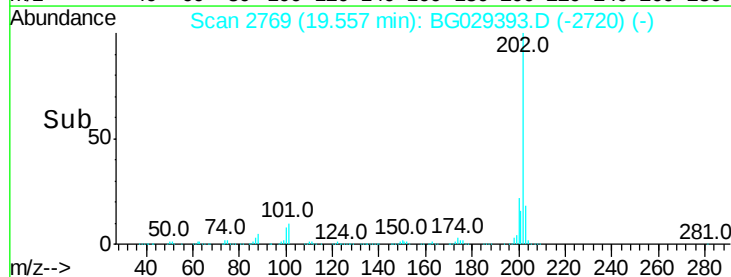
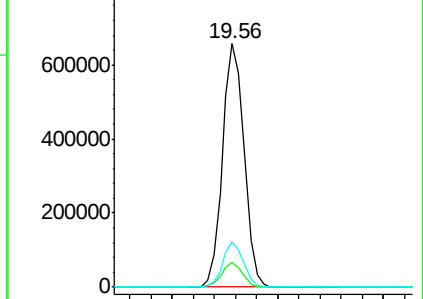
203 18.4 0.0 37.5

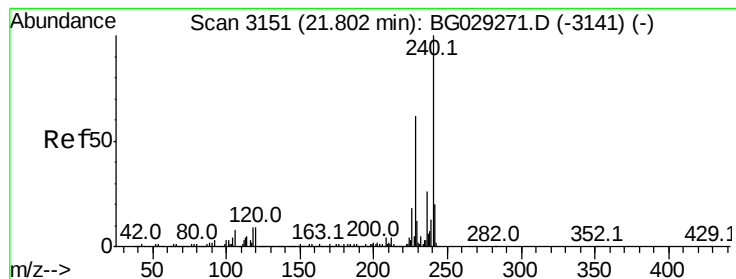


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG029393.D

Acq: 21 Oct 2017 16:03

Instrument :

BNA\_G

ClientSampleId :

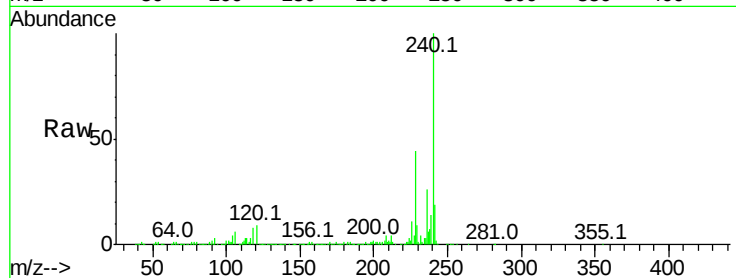
Tot Ion:240 Resp: 456751

Ion Ratio Lower Upper

240 100

120 9.0 6.8 10.2

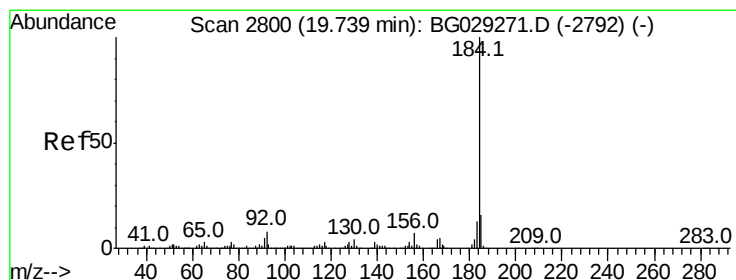
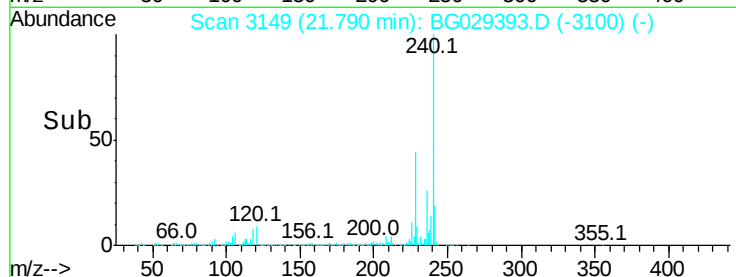
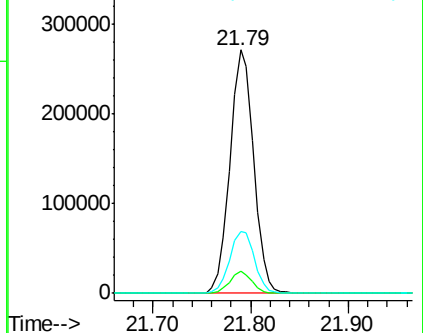
236 25.6 20.9 31.3



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: 26.234 ng

RT: 19.73 min Scan# 2798

Delta R.T. -0.01 min

Lab File: BG029393.D

Acq: 21 Oct 2017 16:03

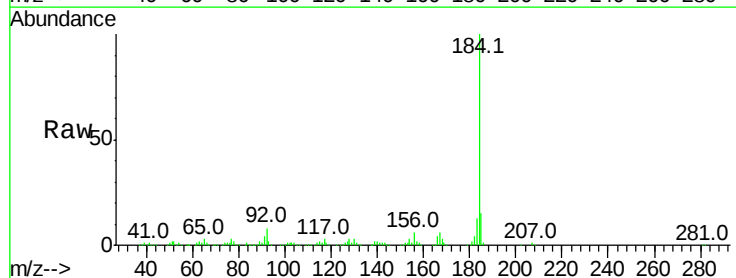
Tgt Ion:184 Resp: 361795

Ion Ratio Lower Upper

184 100

185 14.6 11.1 16.7

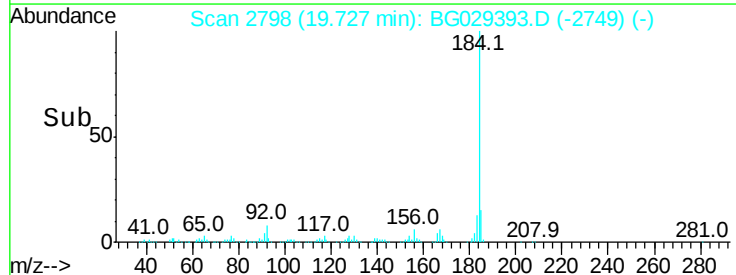
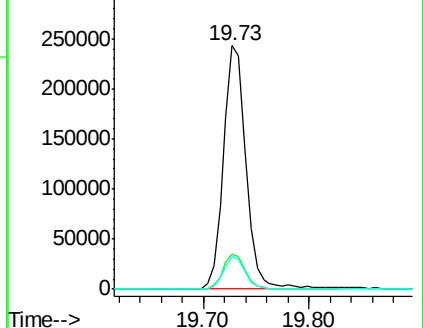
183 13.1 10.6 16.0

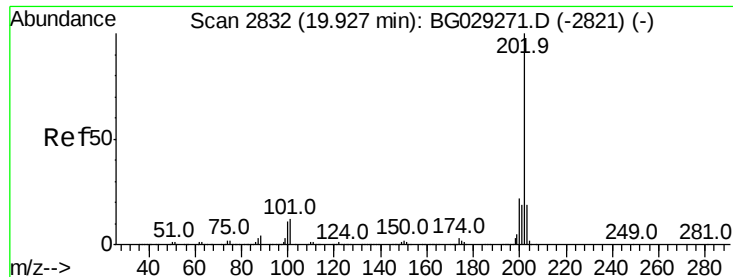


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

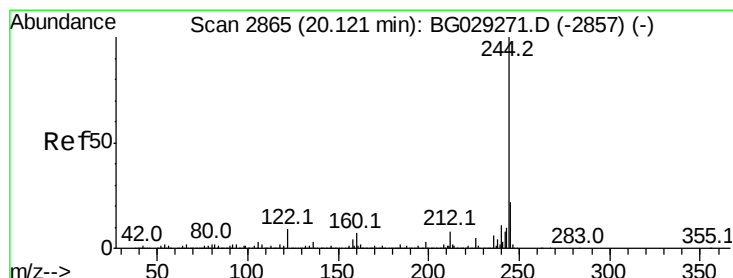
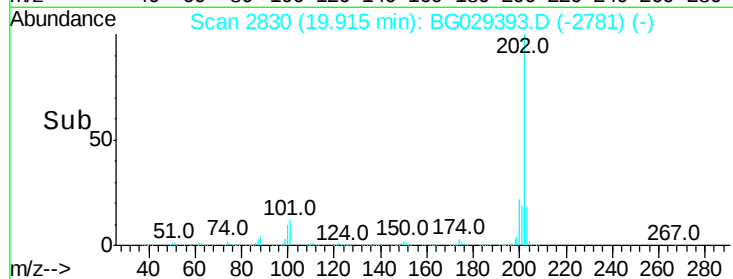
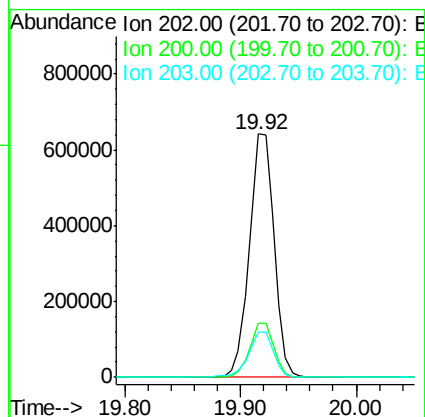
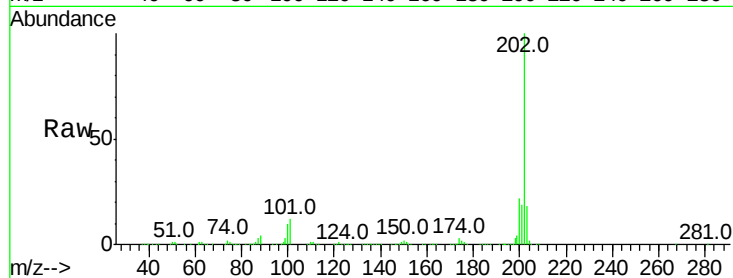




#77  
Pvrene  
Concen: 34.579 ng  
RT: 19.92 min Scan# 2830  
Delta R.T. -0.01 min  
Lab File: BG029393.D  
Acq: 21 Oct 2017 16:03

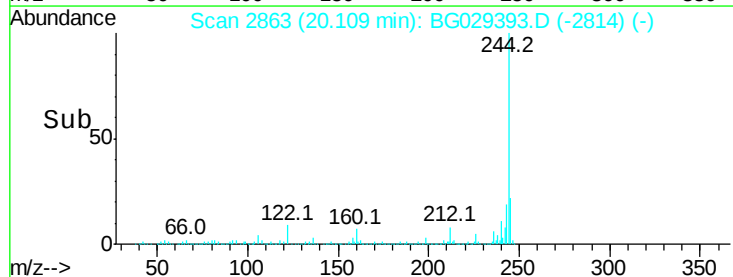
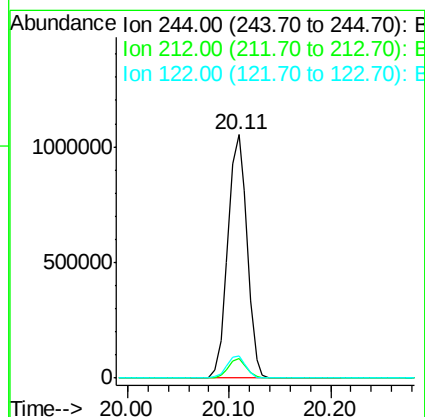
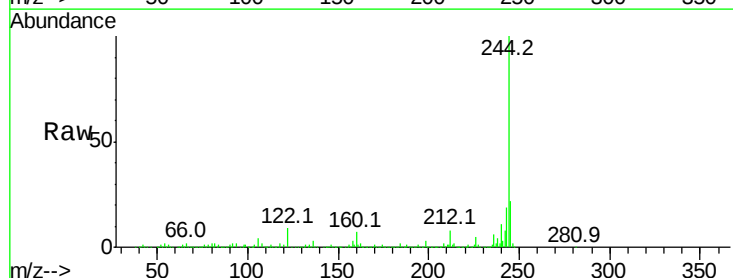
Instrument :  
BNA\_G  
ClientSampleId :

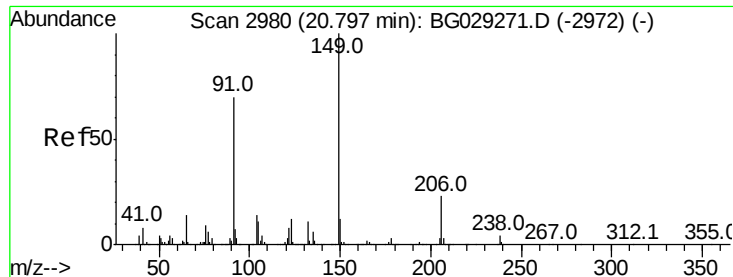
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 22.2  | 16.9  | 25.3  |
| 203     | 18.3  | 13.9  | 20.9  |



#78  
Terphenyl-d14  
Concen: 69.015 ng  
RT: 20.11 min Scan# 2863  
Delta R.T. -0.01 min  
Lab File: BG029393.D  
Acq: 21 Oct 2017 16:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 8.0   | 5.8   | 8.8   |
| 122     | 9.1   | 7.0   | 10.4  |

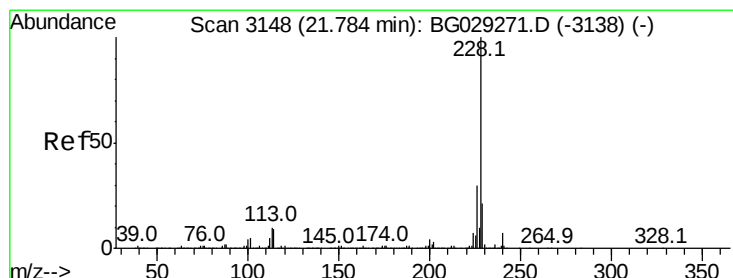
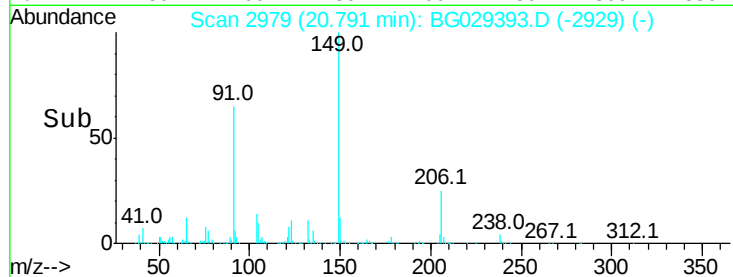
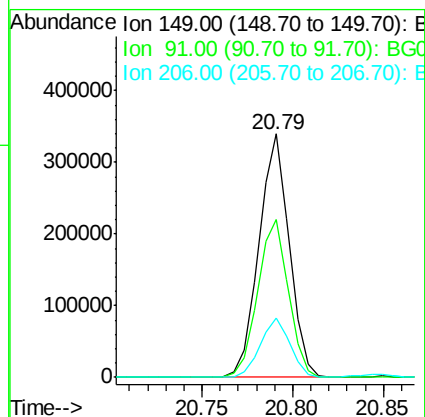
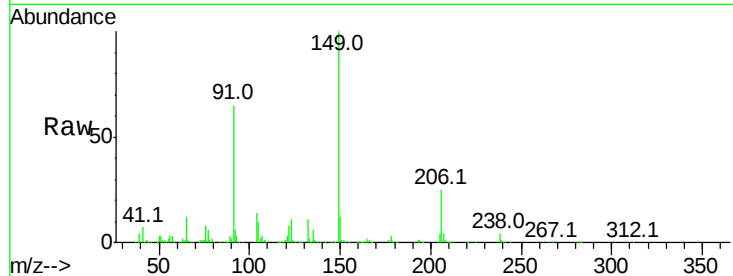




#79  
Butylbenzylphthalate  
Concen: 33.366 ng  
RT: 20.79 min Scan# 2979  
Delta R.T. -0.01 min  
Lab File: BG029393.D  
Acq: 21 Oct 2017 16:03

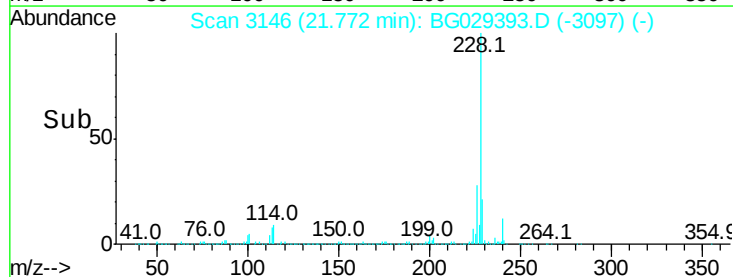
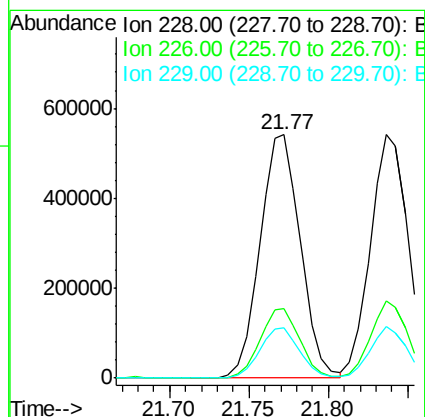
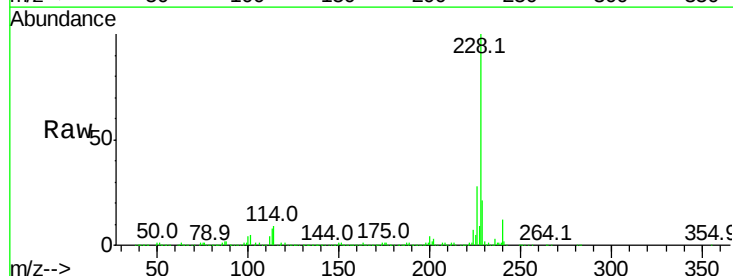
Instrument :  
BNA\_G  
ClientSampled :

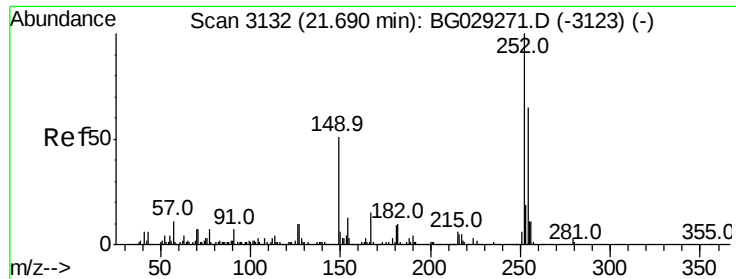
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 64.8  | 62.2  | 93.2  |
| 206     | 24.6  | 18.6  | 27.8  |



#80  
Benzo(a)anthracene  
Concen: 35.693 ng  
RT: 21.77 min Scan# 3146  
Delta R.T. -0.01 min  
Lab File: BG029393.D  
Acq: 21 Oct 2017 16:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.5  | 22.7  | 34.1  |
| 229     | 20.9  | 16.2  | 24.2  |

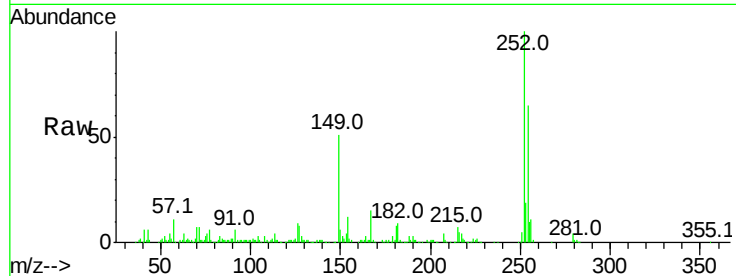




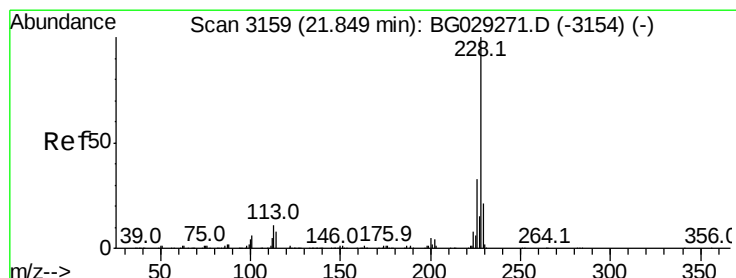
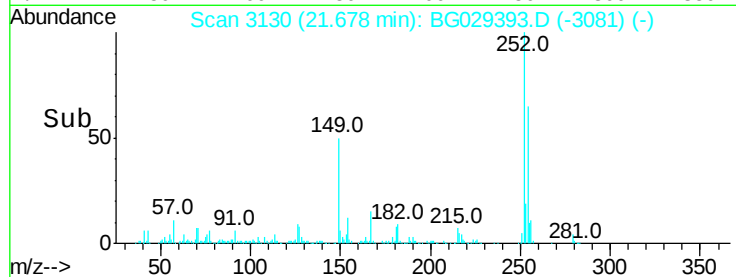
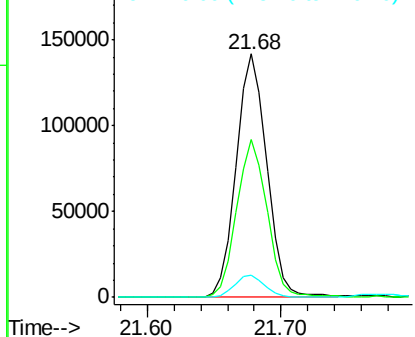
#81  
 3,3'-Dichlorobenzidine  
 Concen: 20.372 ng  
 RT: 21.68 min Scan# 3130  
 Delta R.T. -0.01 min  
 Lab File: BG029393.D  
 Acq: 21 Oct 2017 16:03

Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion:252 Resp: 225495  
 Ion Ratio Lower Upper  
 252 100  
 254 65.1 50.8 76.2  
 126 9.1 7.4 11.2

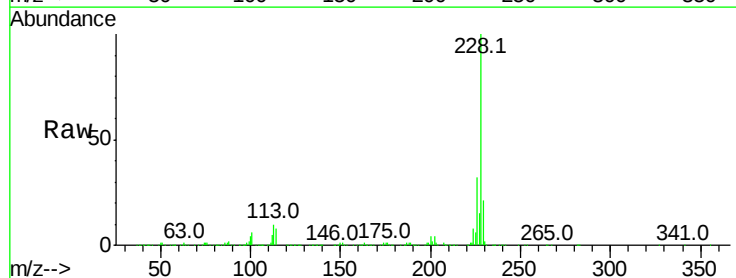


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

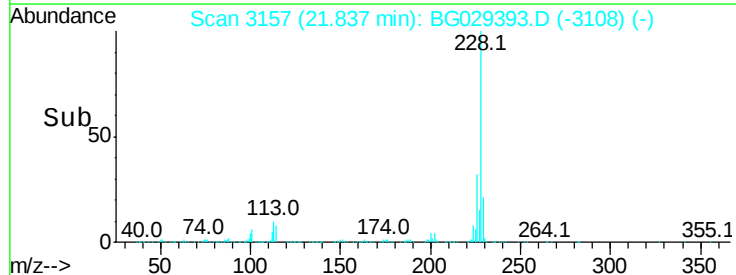
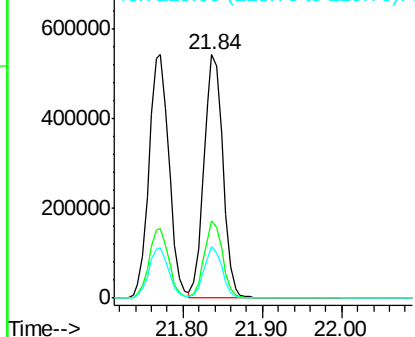


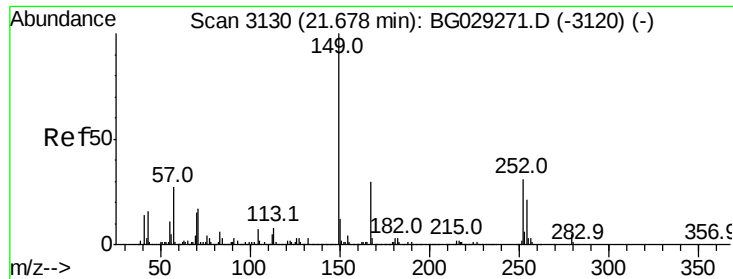
#82  
 Chrysene  
 Concen: 35.080 ng  
 RT: 21.84 min Scan# 3157  
 Delta R.T. -0.01 min  
 Lab File: BG029393.D  
 Acq: 21 Oct 2017 16:03

Tgt Ion:228 Resp: 900923  
 Ion Ratio Lower Upper  
 228 100  
 226 31.6 24.9 37.3  
 229 21.2 15.0 22.4



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

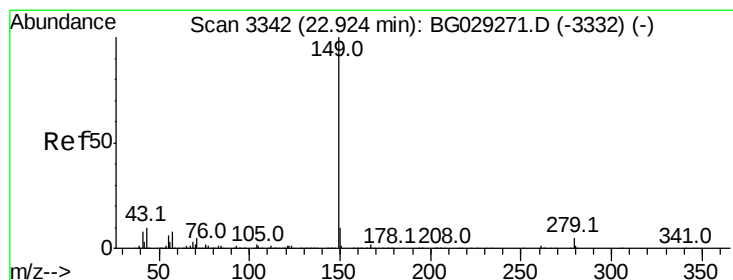
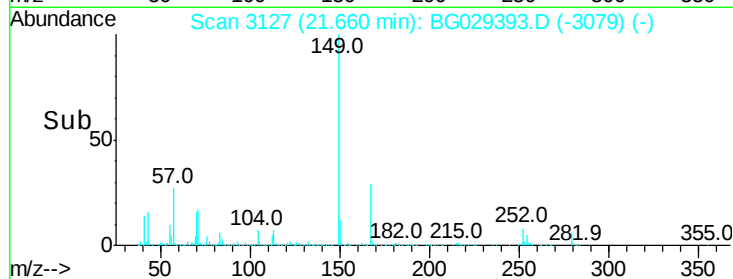
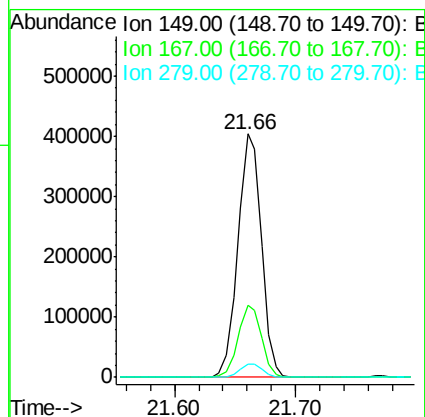
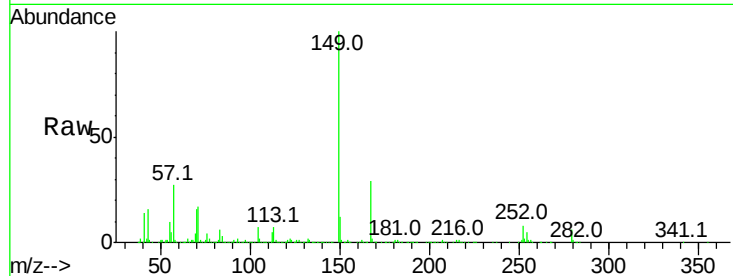




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 32.370 ng  
 RT: 21.66 min Scan# 3127  
 Delta R.T. -0.02 min  
 Lab File: BG029393.D  
 Acq: 21 Oct 2017 16:03

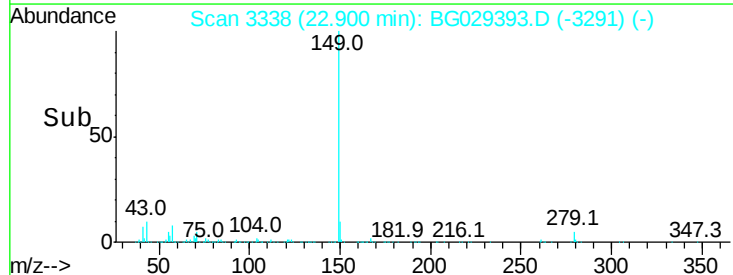
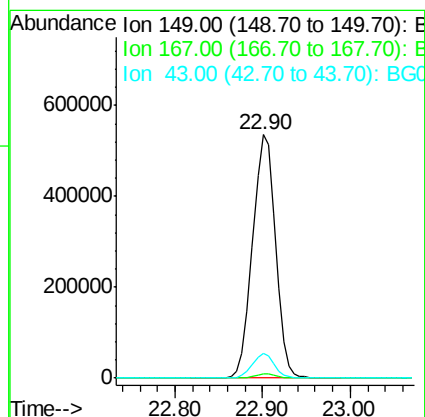
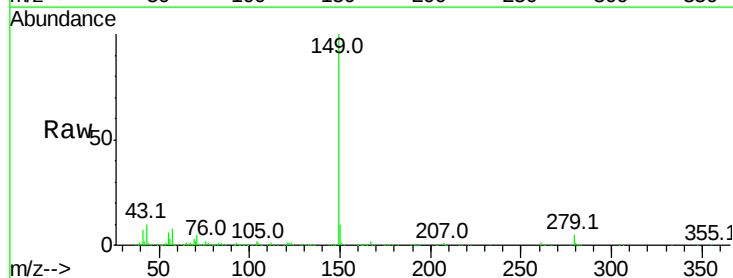
Instrument :  
 BNA\_G  
 ClientSampled :

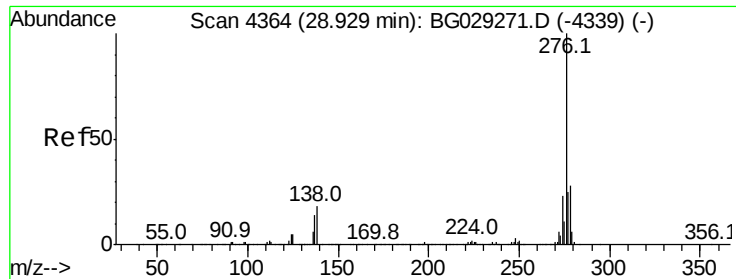
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 29.4  | 24.3  | 36.5  |
| 279     | 5.5   | 4.0   | 6.0   |



#84  
 Di-n-octyl phthalate  
 Concen: 32.220 ng  
 RT: 22.90 min Scan# 3338  
 Delta R.T. -0.02 min  
 Lab File: BG029393.D  
 Acq: 21 Oct 2017 16:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.7   | 1.4   | 2.0   |
| 43      | 9.6   | 8.9   | 13.3  |





#85

Indeno(1,2,3-cd)pyrene

Concen: 36.345 ng

RT: 28.87 min Scan# 4354

Delta R.T. -0.06 min

Lab File: BG029393.D

Acq: 21 Oct 2017 16:03

Instrument :

BNA\_G

ClientSampleId :

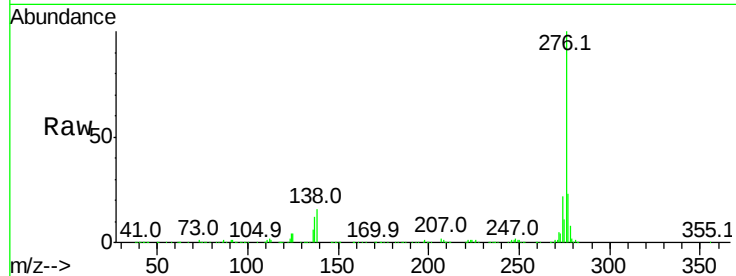
Tot Ion:276 Resp: 1148338

Ion Ratio Lower Upper

276 100

138 20.5 16.0 24.0

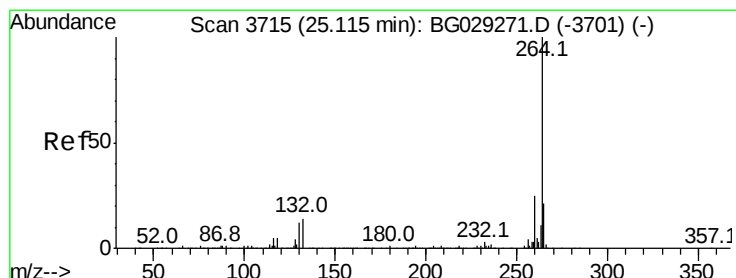
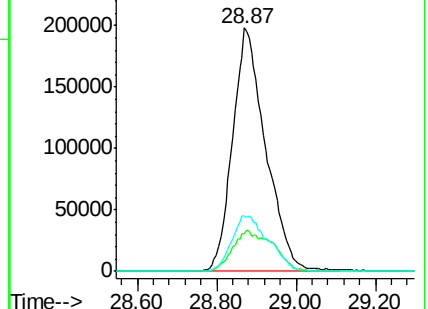
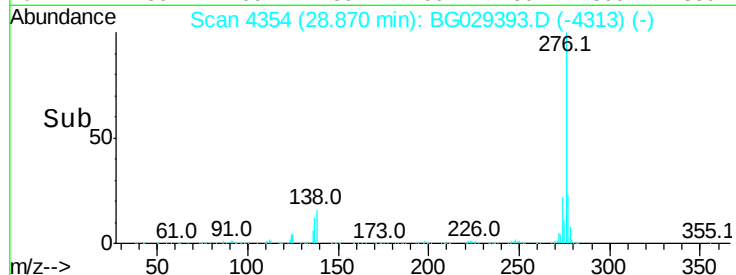
277 25.5 20.0 30.0



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: 25.10 min Scan# 3712

Delta R.T. -0.02 min

Lab File: BG029393.D

Acq: 21 Oct 2017 16:03

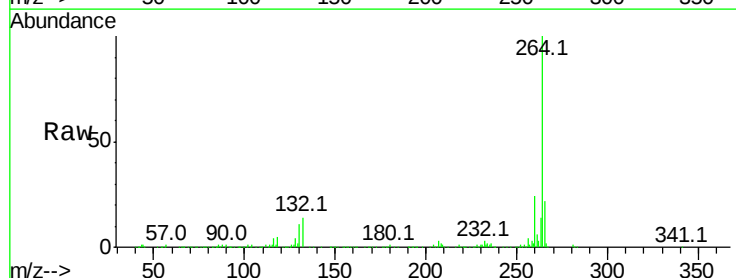
Tgt Ion:264 Resp: 478146

Ion Ratio Lower Upper

264 100

260 24.4 17.4 26.0

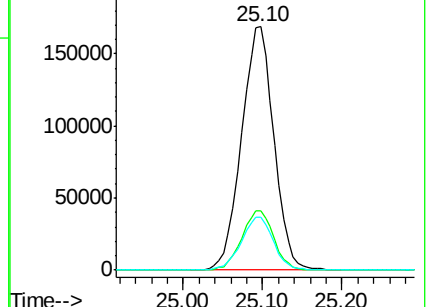
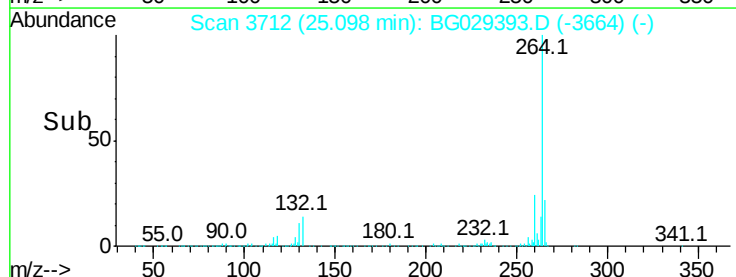
265 22.0 17.7 26.5

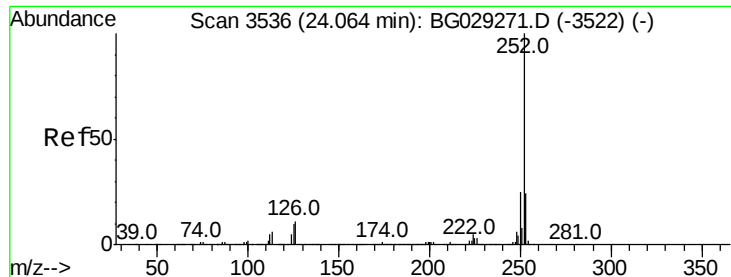


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

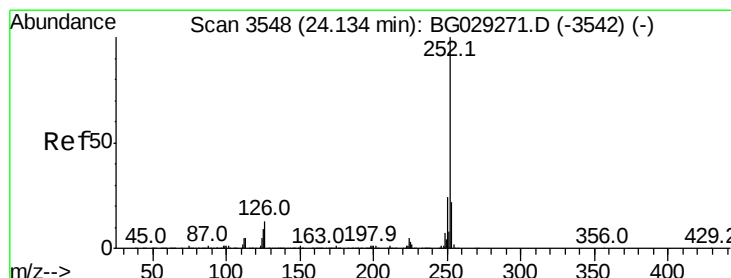
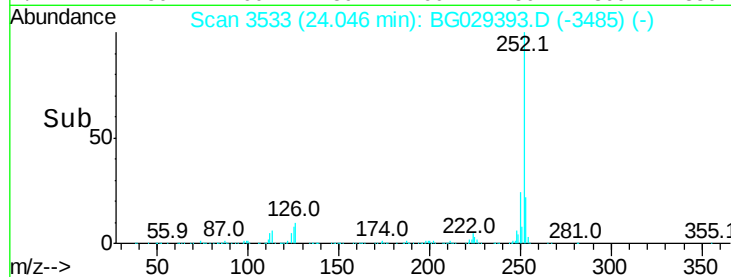
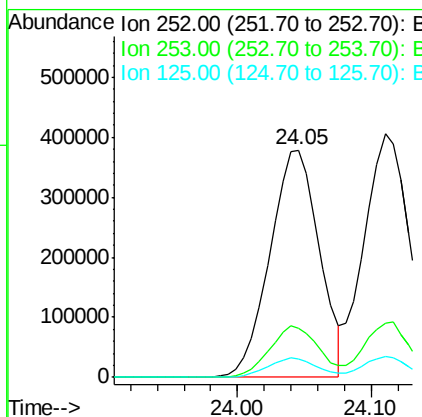
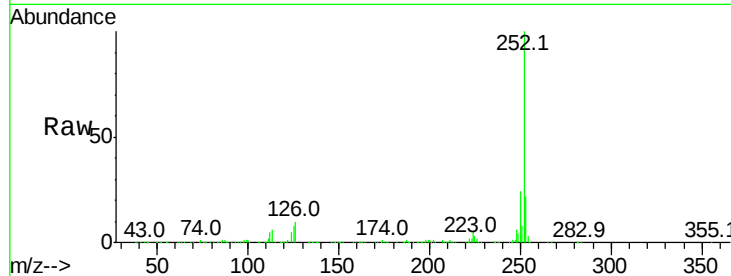




#87  
Benzo(b)fluoranthene  
Concen: 35.475 ng  
RT: 24.05 min Scan# 3533  
Delta R.T. -0.02 min  
Lab File: BG029393.D  
Acq: 21 Oct 2017 16:03

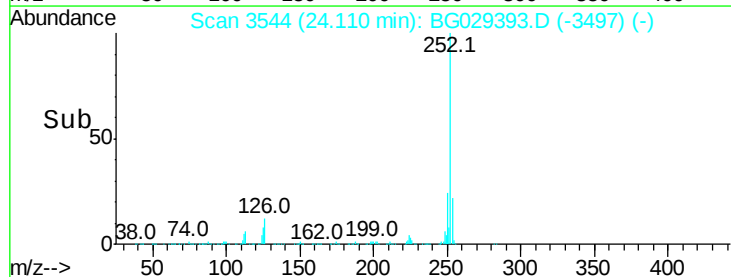
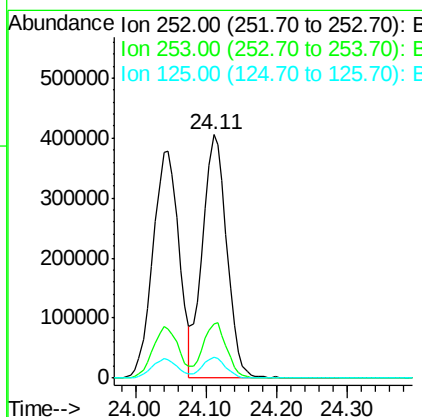
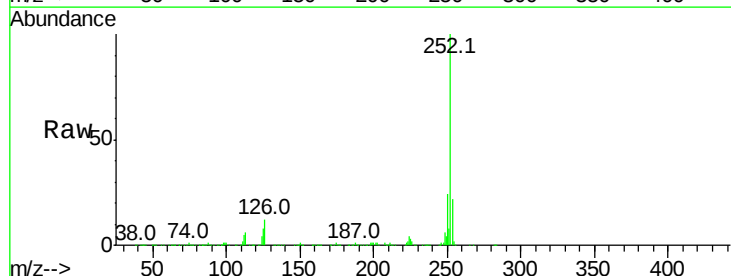
Instrument :  
BNA\_G  
ClientSampleId :

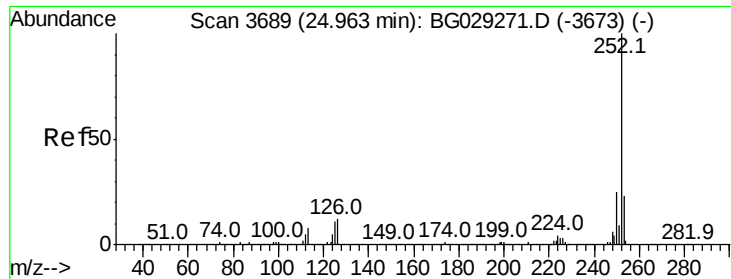
Tot Ion:252 Resp: 971104  
Ion Ratio Lower Upper  
252 100  
253 21.8 18.2 27.4  
125 8.2 7.2 10.8



#88  
Benzo(k)fluoranthene  
Concen: 35.534 ng  
RT: 24.11 min Scan# 3544  
Delta R.T. -0.02 min  
Lab File: BG029393.D  
Acq: 21 Oct 2017 16:03

Tgt Ion:252 Resp: 969069  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.4 26.2  
125 8.4 6.6 9.8





#89

Benzo(a)pyrene

Concen: 36.107 ng

RT: 24.94 min Scan# 3685

Delta R.T. -0.02 min

Lab File: BG029393.D

Acq: 21 Oct 2017 16:03

Instrument :

BNA\_G

ClientSampleId :

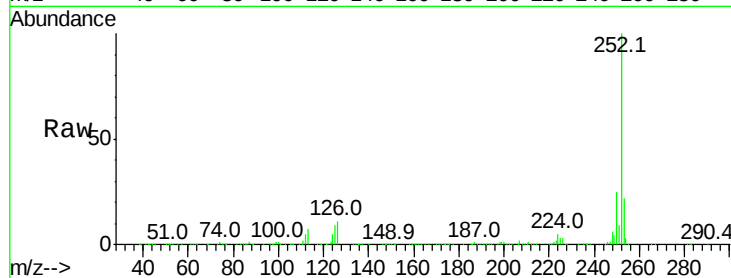
Tot Ion:252 Resp: 950195

Ion Ratio Lower Upper

252 100

253 22.0 18.3 27.5

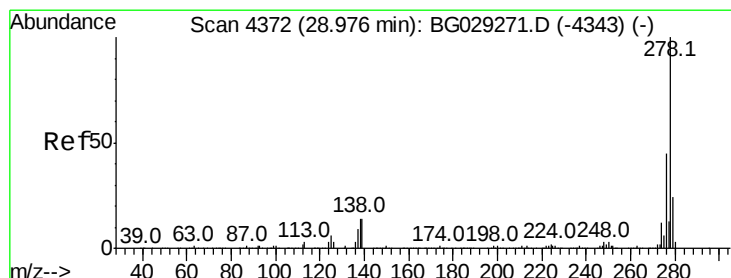
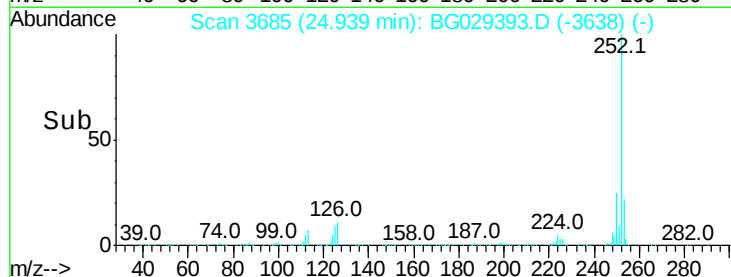
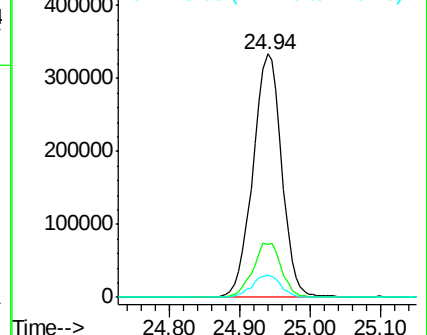
125 8.9 7.3 10.9



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: 35.906 ng

RT: 28.94 min Scan# 4366

Delta R.T. -0.04 min

Lab File: BG029393.D

Acq: 21 Oct 2017 16:03

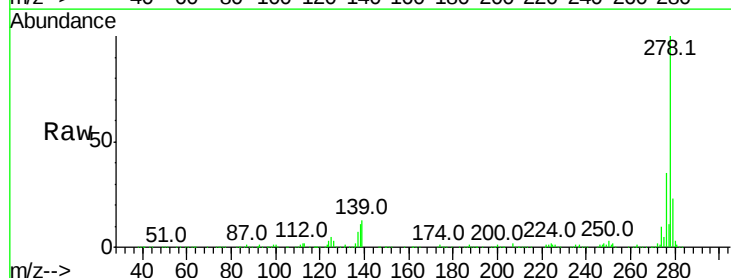
Tgt Ion:278 Resp: 956616

Ion Ratio Lower Upper

278 100

139 12.6 9.8 14.6

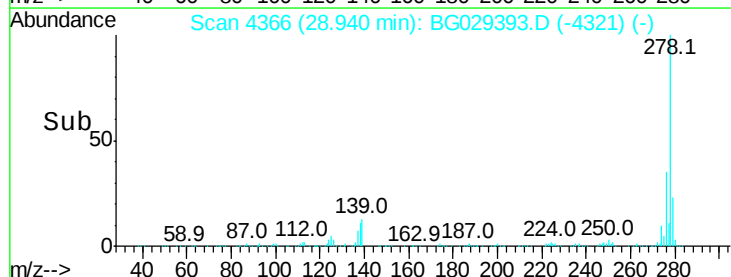
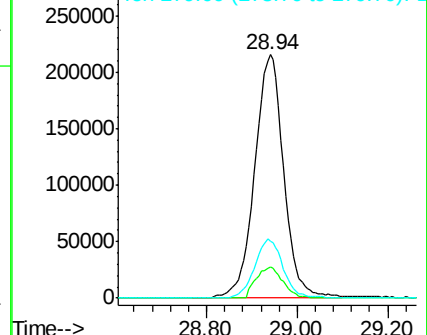
279 23.4 18.4 27.6

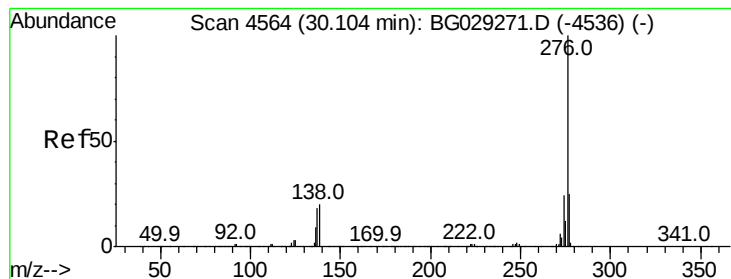


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

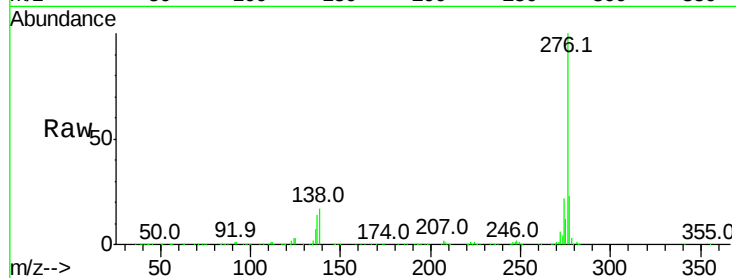




#91  
 Benzo(a,h,i)perylene  
 Concen: 38.323 ng  
 RT: 30.06 min Scan# 4557  
 Delta R.T. -0.04 min  
 Lab File: BG029393.D  
 Acq: 21 Oct 2017 16:03

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.2  | 18.3  | 27.5  |
| 138     | 17.1  | 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

