

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\  
 Data File : BG045352.D  
 Acq On : 13 May 2020 7:43  
 Operator : CG/JU  
 Sample : L2575-02MS  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: May 13 08:23:23 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 12 15:48:20 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.97  | 152  | 59025    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.78 | 136  | 242943   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.61 | 164  | 177902   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.36 | 188  | 440546   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.63 | 240  | 420514   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.78 | 264  | 473786   | 20.00 | ng    | -0.01    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.54  | 112  | 382472   | 106.98 | ng    | 0.00     |
| 7) Phenol-d6                | 7.14  | 99   | 549692   | 103.48 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.13  | 82   | 346222   | 65.03  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.11 | 330  | 281667   | 102.49 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.24 | 172  | 824690   | 67.97  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.98 | 244  | 1529498  | 79.28  | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.42  | 88   | 53110    | 33.426 | ng    | 91     |
| 3) Pyridine                    | 3.82  | 79   | 125759   | 25.706 | ng    | 98     |
| 4) n-Nitrosodimethylamine      | 3.73  | 42   | 57774    | 38.551 | ng    | # 94   |
| 6) Aniline                     | 7.29  | 93   | 103763   | 15.024 | ng    | 99     |
| 8) 2-Chlorophenol              | 7.54  | 128  | 162453   | 42.279 | ng    | 96     |
| 9) Benzaldehyde                | 7.11  | 77   | 123271   | 41.679 | ng    | 97     |
| 10) Phenol                     | 7.17  | 94   | 221156   | 41.606 | ng    | 97     |
| 11) bis(2-Chloroethyl)ether    | 7.39  | 93   | 148299   | 35.041 | ng    | 95     |
| 12) 1,3-Dichlorobenzene        | 7.86  | 146  | 166750   | 36.828 | ng    | 98     |
| 13) 1,4-Dichlorobenzene        | 8.01  | 146  | 173145   | 38.377 | ng    | 97     |
| 14) 1,2-Dichlorobenzene        | 8.33  | 146  | 159782   | 37.019 | ng    | 95     |
| 15) Benzyl Alcohol             | 8.21  | 79   | 165362   | 37.130 | ng    | 94     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.50  | 45   | 136825   | 32.936 | ng    | 95     |
| 17) 2-Methylphenol             | 8.42  | 107  | 148479   | 36.204 | ng    | 96     |
| 18) Hexachloroethane           | 9.06  | 117  | 63703    | 37.559 | ng    | 97     |
| 19) n-Nitroso-di-n-propylamine | 8.77  | 70   | 133128   | 35.439 | ng    | 98     |
| 20) 3+4-Methylphenols          | 8.75  | 107  | 203439   | 35.440 | ng    | 96     |
| 22) Acetophenone               | 8.79  | 105  | 249769   | 38.018 | ng    | 98     |
| 24) Nitrobenzene               | 9.17  | 77   | 205489   | 37.651 | ng    | 95     |
| 25) Isophorone                 | 9.70  | 82   | 375215   | 34.412 | ng    | 97     |
| 26) 2-Nitrophenol              | 9.89  | 139  | 91084    | 38.745 | ng    | 96     |
| 27) 2,4-Dimethylphenol         | 9.96  | 122  | 150599   | 40.374 | ng    | 93     |
| 28) bis(2-Chloroethoxy)methane | 10.18 | 93   | 211093   | 36.847 | ng    | 100    |
| 29) 2,4-Dichlorophenol         | 10.43 | 162  | 172300   | 40.003 | ng    | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.64 | 180  | 182349   | 37.393 | ng    | 99     |
| 31) Naphthalene                | 10.83 | 128  | 500170   | 37.635 | ng    | 99     |
| 32) Benzoic acid               | 10.10 | 122  | 90422    | 32.396 | ng    | 98     |
| 33) 4-Chloroaniline            | 10.94 | 127  | 48486    | 7.823  | ng    | # 92   |
| 34) Hexachlorobutadiene        | 11.12 | 225  | 121499   | 36.339 | ng    | 98     |
| 35) Caprolactam                | 11.69 | 113  | 33904    | 19.778 | ng    | 92     |
| 36) 4-Chloro-3-methylphenol    | 12.07 | 107  | 201789   | 39.881 | ng    | 97     |
| 37) 2-Methylnaphthalene        | 12.44 | 142  | 380663   | 36.902 | ng    | 98     |
| 38) 1-Methylnaphthalene        | 12.66 | 142  | 361713   | 37.143 | ng    | 96     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.81 | 216  | 211722   | 36.963 | ng    | 99     |

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 Data File : BG045352.D  
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 Operator : CG/JU  
 Sample : L2575-02MS  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

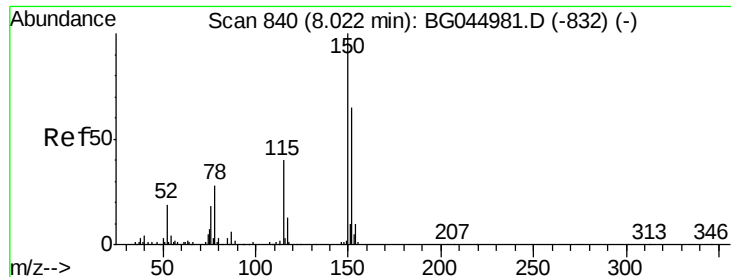
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: May 13 08:23:23 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 12 15:48:20 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.79 | 237  | 263168   | 73.509 | ng    | 95       |
| 43) 2,4,6-Trichlorophenol      | 13.05 | 196  | 154942   | 38.327 | ng    | 95       |
| 44) 2,4,5-Trichlorophenol      | 13.13 | 196  | 165140   | 35.888 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 13.45 | 154  | 493751   | 36.515 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.49 | 162  | 381904   | 36.963 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.69 | 65   | 127660   | 37.553 | ng    | 98       |
| 49) Acenaphthylene             | 14.34 | 152  | 653539   | 38.833 | ng    | 99       |
| 50) Dimethylphthalate          | 14.07 | 163  | 663624   | 45.813 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.19 | 165  | 123224   | 38.032 | ng    | 98       |
| 52) Acenaphthene               | 14.68 | 154  | 384956   | 33.807 | ng    | 98       |
| 53) 3-Nitroaniline             | 14.51 | 138  | 41676    | 11.728 | ng    | 99       |
| 54) 2,4-Dinitrophenol          | 14.73 | 184  | 152191   | 78.994 | ng    | 92       |
| 55) Dibenzofuran               | 15.01 | 168  | 623891   | 37.582 | ng    | 96       |
| 56) 4-Nitrophenol              | 14.84 | 139  | 211145   | 76.633 | ng    | 98       |
| 57) 2,4-Dinitrotoluene         | 14.98 | 165  | 177342   | 37.454 | ng    | 93       |
| 58) Fluorene                   | 15.67 | 166  | 519507   | 38.312 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.25 | 232  | 163051   | 39.823 | ng    | 97       |
| 60) Diethylphthalate           | 15.44 | 149  | 559835   | 37.069 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.66 | 204  | 289054   | 37.035 | ng    | 99       |
| 62) 4-Nitroaniline             | 15.68 | 138  | 119223   | 32.347 | ng    | 97       |
| 63) Azobenzene                 | 15.95 | 77   | 530891   | 38.127 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.74 | 198  | 117072   | 40.429 | ng    | 96       |
| 66) n-Nitrosodiphenylamine     | 15.87 | 169  | 475718   | 37.583 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.55 | 248  | 199970   | 35.185 | ng    | 97       |
| 68) Hexachlorobenzene          | 16.68 | 284  | 219569   | 37.251 | ng    | 98       |
| 69) Atrazine                   | 16.82 | 200  | 185109   | 39.513 | ng    | 97       |
| 70) Pentachlorophenol          | 17.02 | 266  | 259819   | 71.853 | ng    | 99       |
| 71) Phenanthrene               | 17.40 | 178  | 862753   | 38.110 | ng    | 99       |
| 72) Anthracene                 | 17.50 | 178  | 892033   | 39.281 | ng    | 99       |
| 73) Carbazole                  | 17.76 | 167  | 831943   | 36.101 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.33 | 149  | 991260   | 38.660 | ng    | 99       |
| 75) Fluoranthene               | 19.42 | 202  | 1104809  | 40.967 | ng    | 98       |
| 77) Benzidine                  | 19.59 | 184  | 400735   | 31.056 | ng    | 97       |
| 78) Pyrene                     | 19.78 | 202  | 1088756  | 37.556 | ng    | 97       |
| 80) Butylbenzylphthalate       | 20.66 | 149  | 453880   | 37.770 | ng    | 98       |
| 81) Benzo(a)anthracene         | 21.60 | 228  | 1040413  | 38.173 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.52 | 252  | 151677   | 13.982 | ng    | 99       |
| 83) Chrysene                   | 21.67 | 228  | 996305   | 38.045 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.52 | 149  | 632016   | 38.241 | ng    | 97       |
| 85) Di-n-octyl phthalate       | 22.71 | 149  | 1068480  | 37.386 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.38 | 276  | 1320446  | 37.978 | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 23.79 | 252  | 1103186  | 37.172 | ng    | 97       |
| 89) Benzo(k)fluoranthene       | 23.85 | 252  | 1069857  | 37.907 | ng    | 98       |
| 90) Benzo(a)pyrene             | 24.64 | 252  | 1021462  | 36.454 | ng    | 97       |
| 91) Dibenzo(a,h)anthracene     | 28.44 | 278  | 1089520  | 38.588 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 29.51 | 276  | 1097316  | 38.765 | ng    | 99       |

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



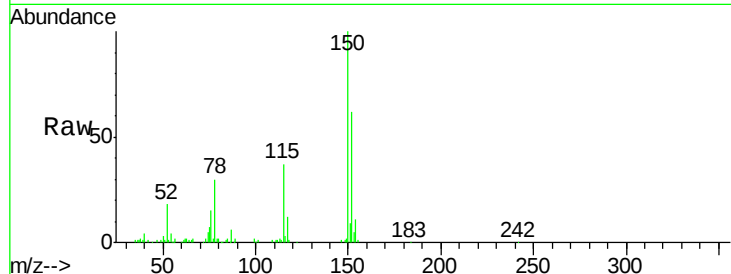


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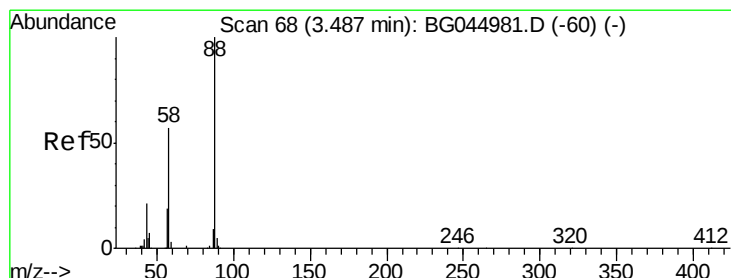
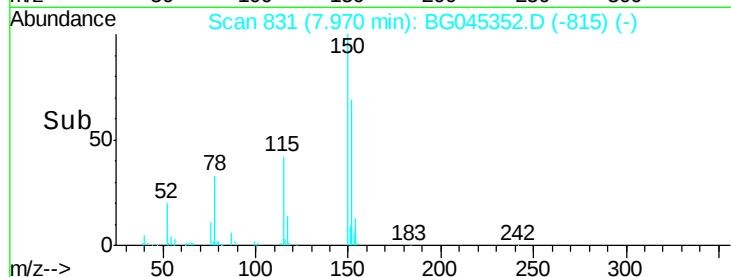
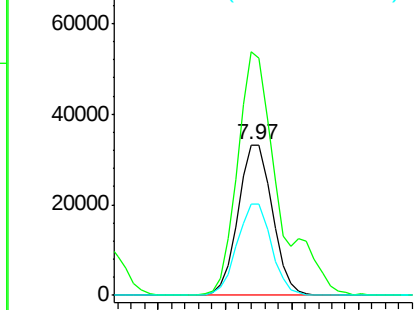
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.97 min Scan# 831  
Delta R.T. -0.01 min  
Lab File: BG045352.D  
Acq: 13 May 2020 7:43

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:152 Resp: 59025  
Ion Ratio Lower Upper  
152 100  
150 162.0 123.6 185.4  
115 60.6 49.1 73.7



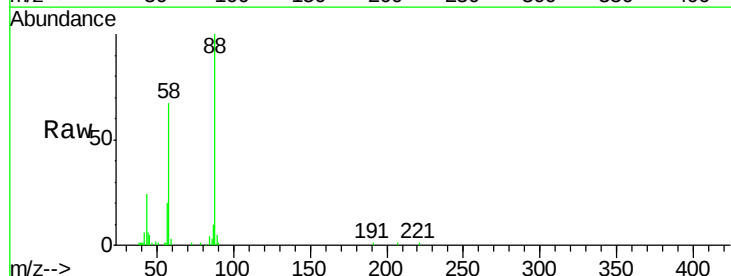
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



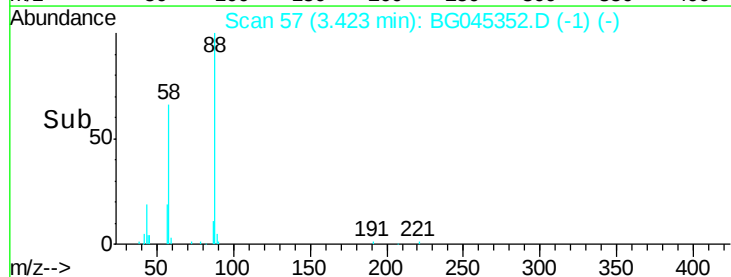
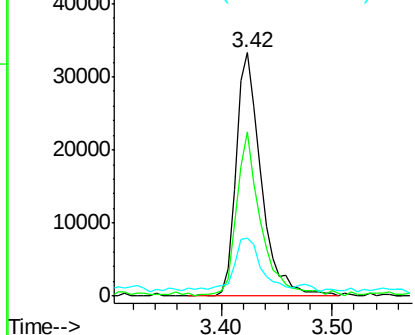
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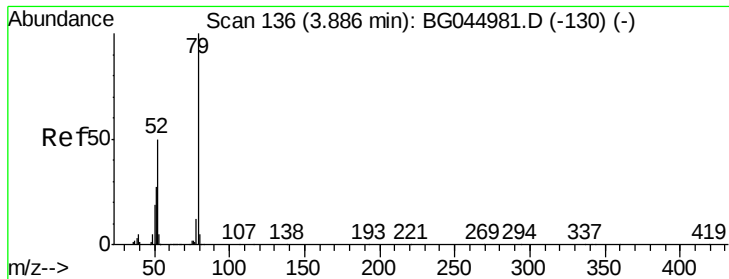
1,4-Dioxane  
Concen: 33.426 ng  
RT: 3.42 min Scan# 57  
Delta R.T. -0.00 min  
Lab File: BG045352.D  
Acq: 13 May 2020 7:43

Tgt Ion: 88 Resp: 53110  
Ion Ratio Lower Upper  
88 100  
58 65.8 46.6 69.8  
43 24.6 17.5 26.3



Abundance Ion 88.00 (87.70 to 88.70): BGC  
Ion 58.00 (57.70 to 58.70): BGC  
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 25.706 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG045352.D

Acq: 13 May 2020 7:43

Instrument :

BNA\_G

ClientSampleId :

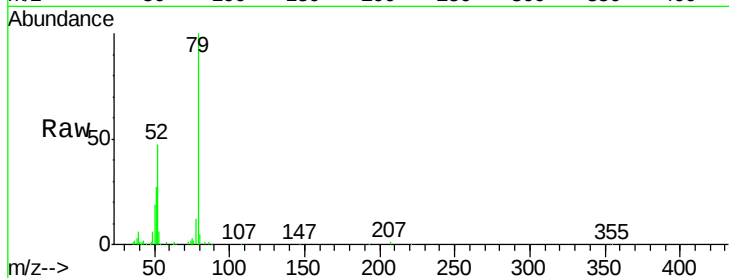
Tot Ion: 79 Resp: 125759

Ion Ratio Lower Upper

79 100

52 47.3 39.8 59.6

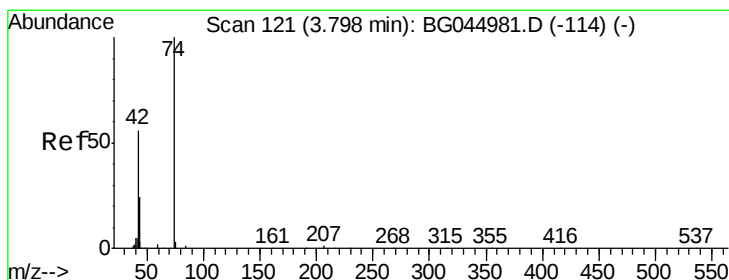
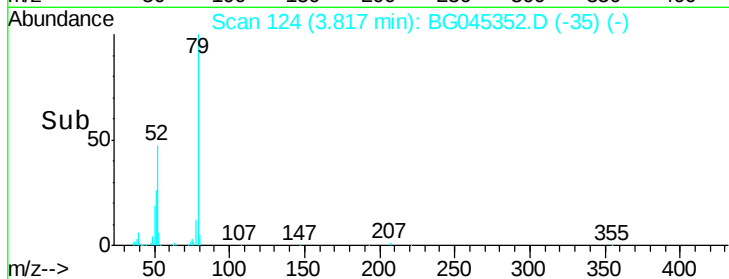
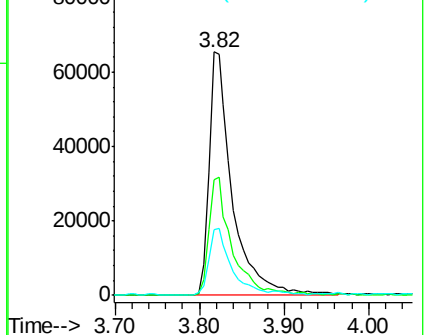
51 26.8 21.4 32.2



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 38.551 ng

RT: 3.73 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG045352.D

Acq: 13 May 2020 7:43

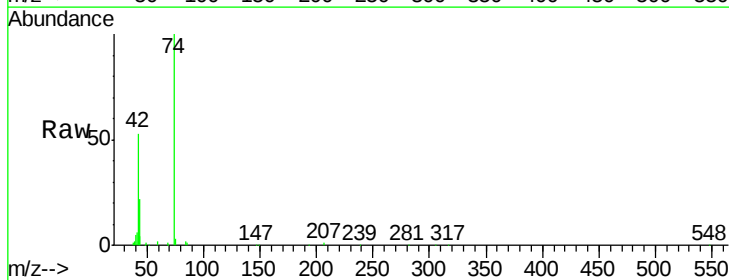
Tgt Ion: 42 Resp: 57774

Ion Ratio Lower Upper

42 100

74 187.5 143.0 214.6

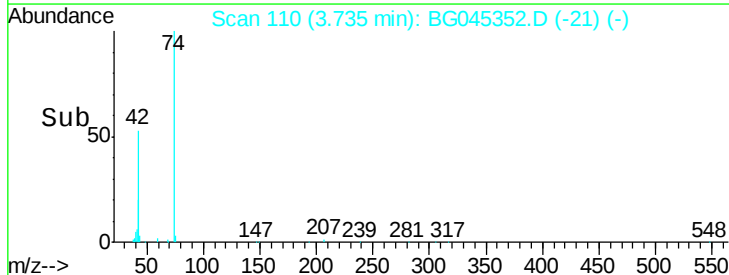
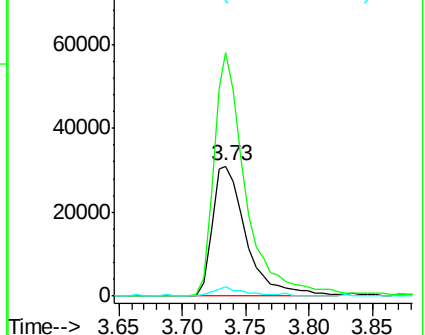
44 6.8 4.6 6.8#

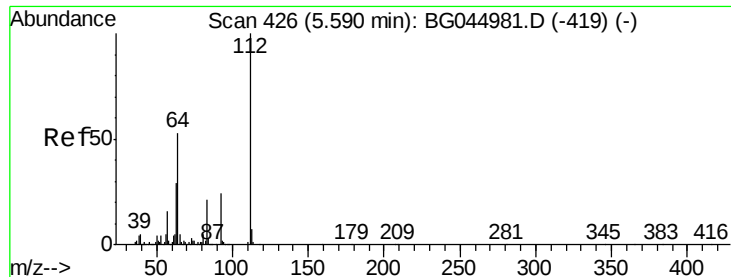


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 106.978 ng

RT: 5.54 min Scan# 418

Delta R.T. 0.00 min

Lab File: BG045352.D

Acq: 13 May 2020 7:43

Instrument :

BNA\_G

ClientSampleId :

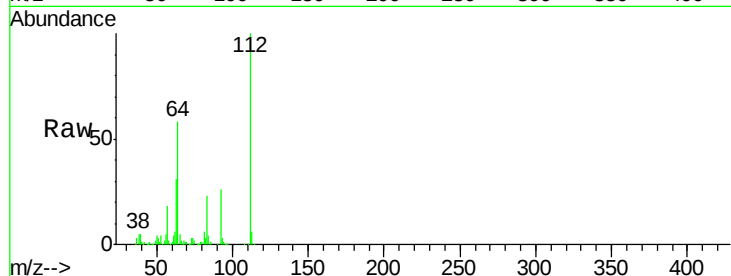
Tot Ion:112 Resp: 382472

Ion Ratio Lower Upper

112 100

64 58.3 42.4 63.6

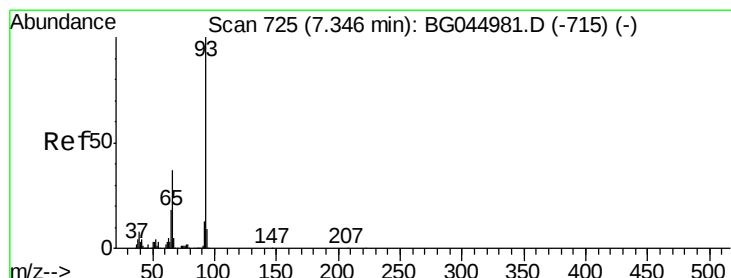
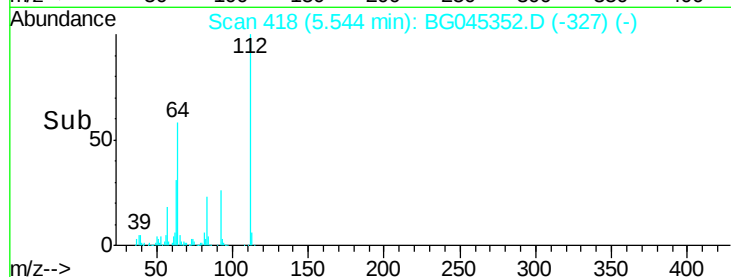
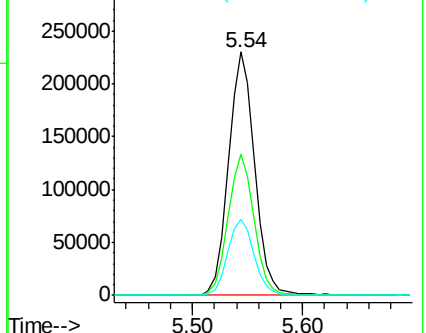
63 31.1 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 15.024 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG045352.D

Acq: 13 May 2020 7:43

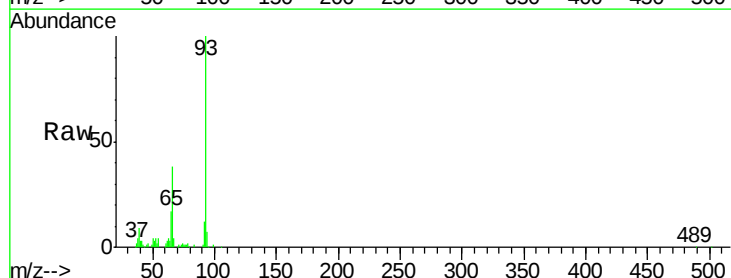
Tgt Ion: 93 Resp: 103763

Ion Ratio Lower Upper

93 100

66 37.8 29.8 44.8

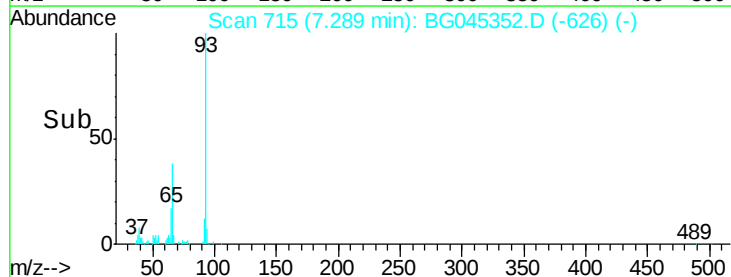
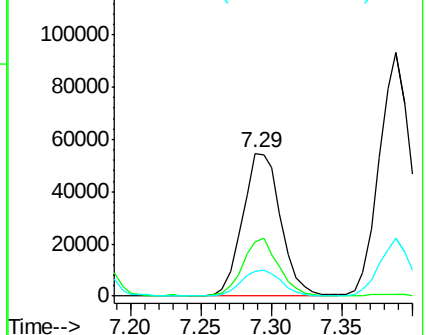
65 17.4 14.6 22.0

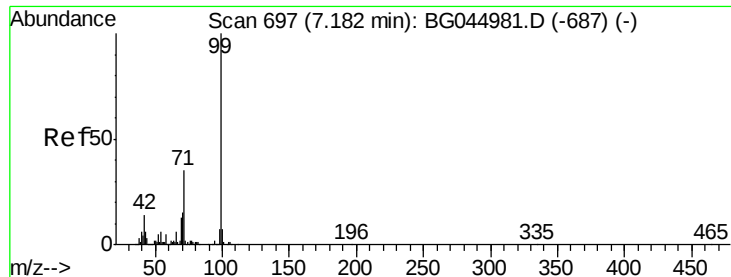


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 103.483 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045352.D

Acq: 13 May 2020 7:43

Instrument :

BNA\_G

ClientSampleId :

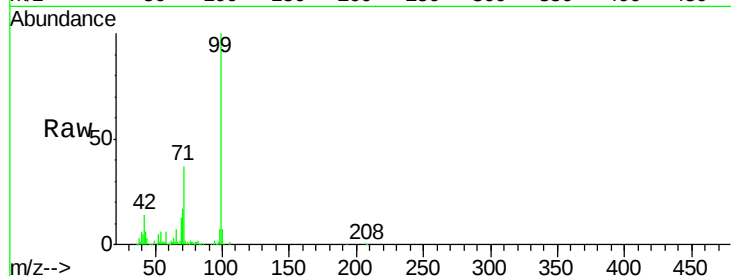
Tot Ion: 99 Resp: 549692

Ion Ratio Lower Upper

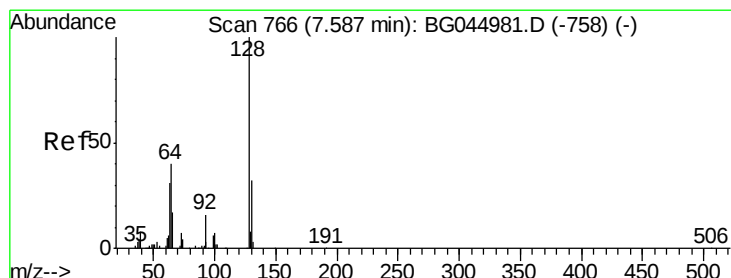
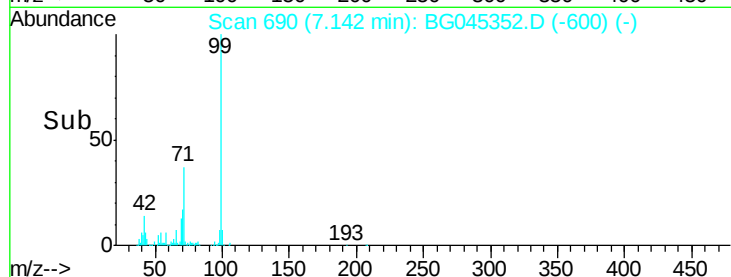
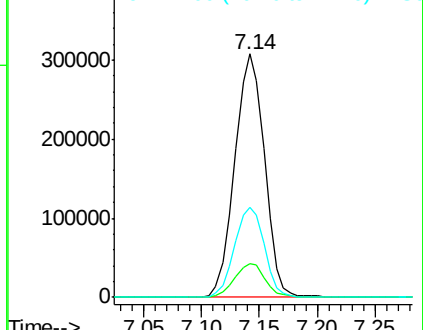
99 100

42 14.0 11.3 16.9

71 37.2 28.3 42.5



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: 42.279 ng

RT: 7.54 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG045352.D

Acq: 13 May 2020 7:43

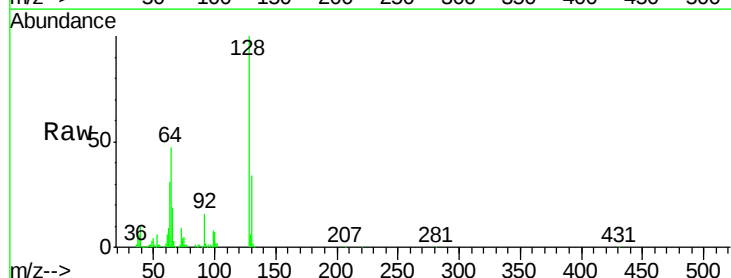
Tgt Ion: 128 Resp: 162453

Ion Ratio Lower Upper

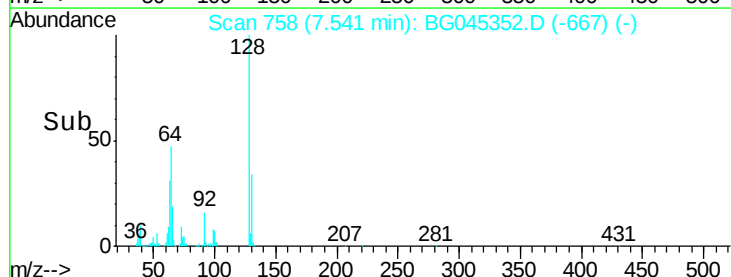
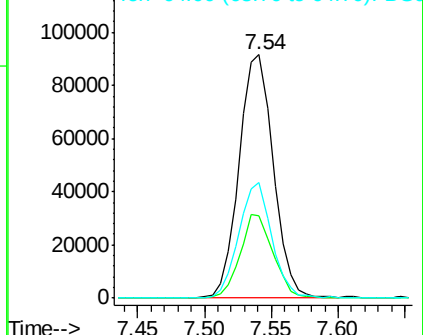
128 100

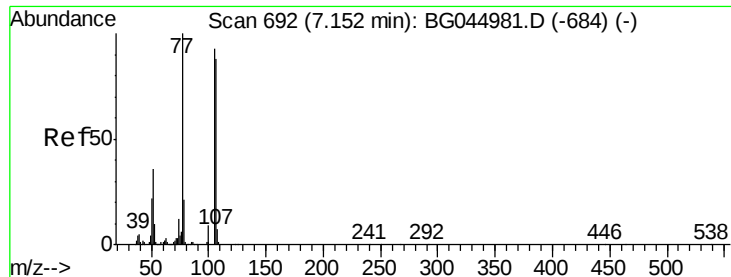
130 33.8 12.3 52.3

64 47.5 24.4 64.4



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: 41.679 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG045352.D

Acq: 13 May 2020 7:43

Instrument :

BNA\_G

ClientSampleId :

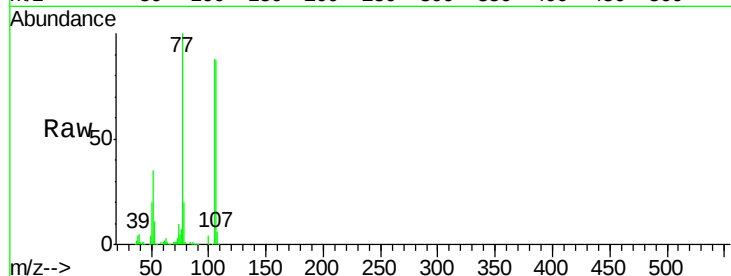
Tot Ion: 77 Resp: 123271

Ion Ratio Lower Upper

77 100

105 88.1 72.9 112.9

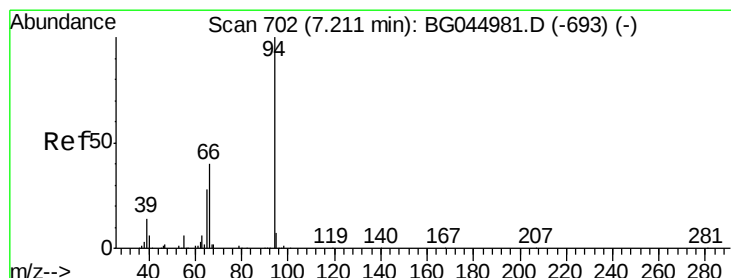
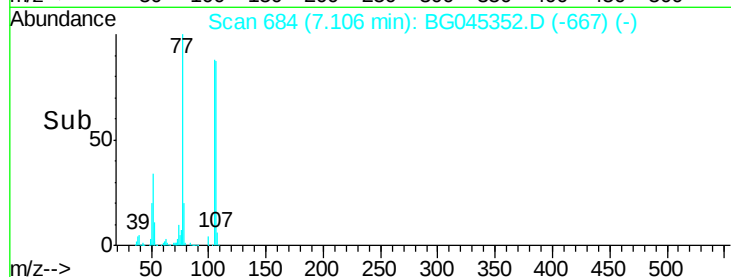
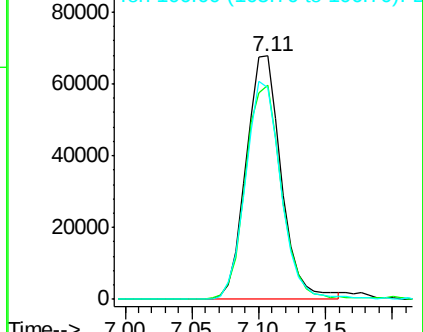
106 86.9 67.6 107.6



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 41.606 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG045352.D

Acq: 13 May 2020 7:43

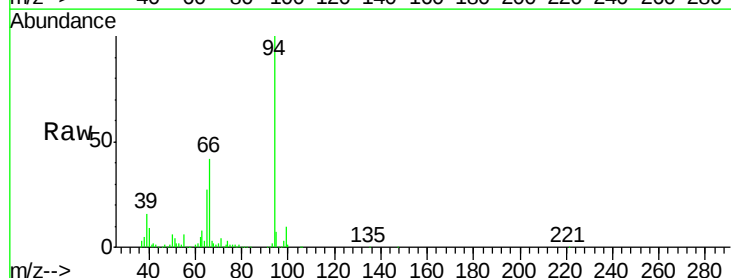
Tgt Ion: 94 Resp: 221156

Ion Ratio Lower Upper

94 100

65 27.4 8.2 48.2

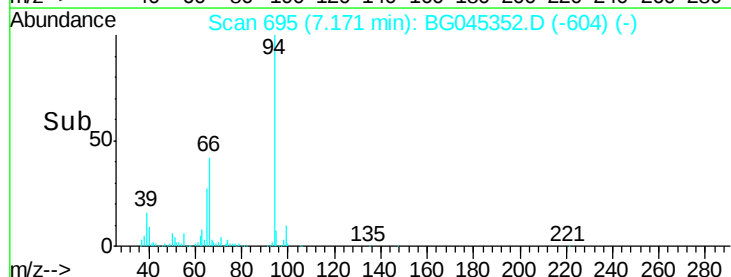
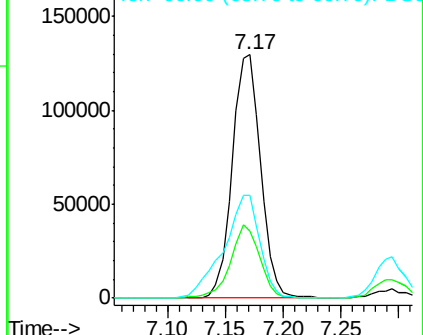
66 42.4 20.4 60.4

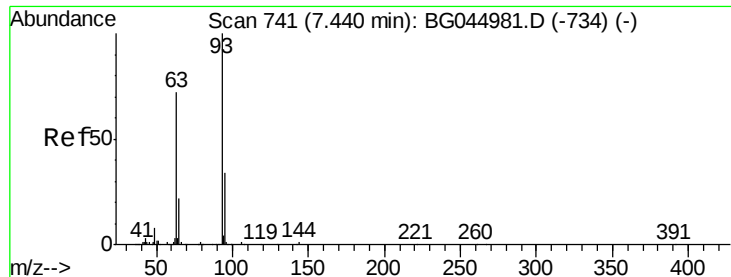


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

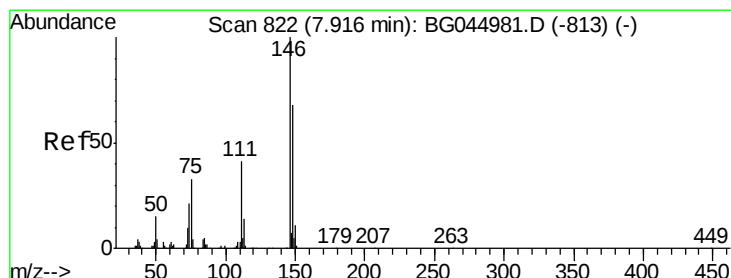
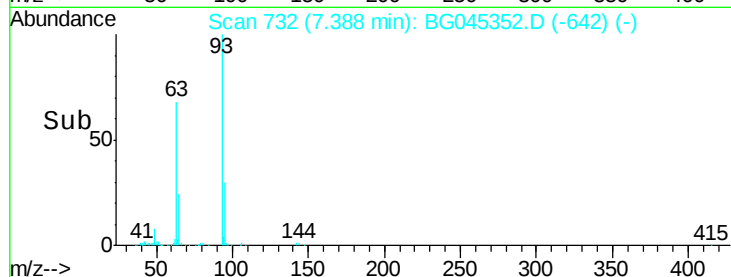
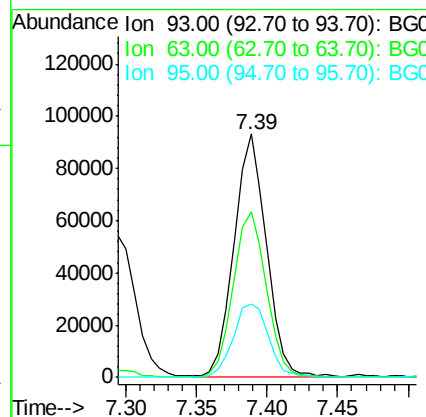
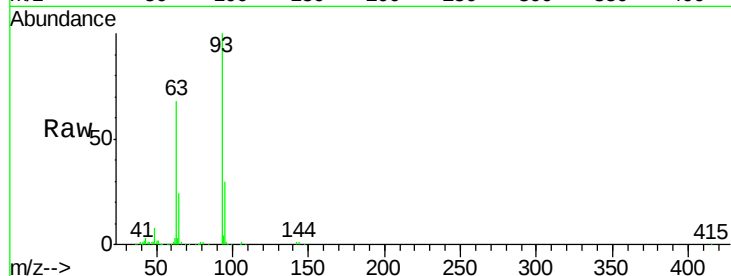




#11  
bis(2-Chloroethyl)ether  
Concen: 35.041 ng  
RT: 7.39 min Scan# 732  
Delta R.T. -0.00 min  
Lab File: BG045352.D  
Acq: 13 May 2020 7:43

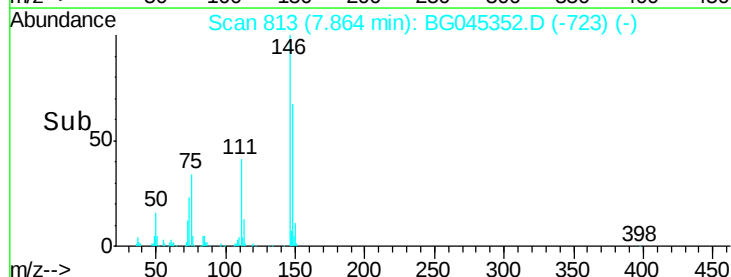
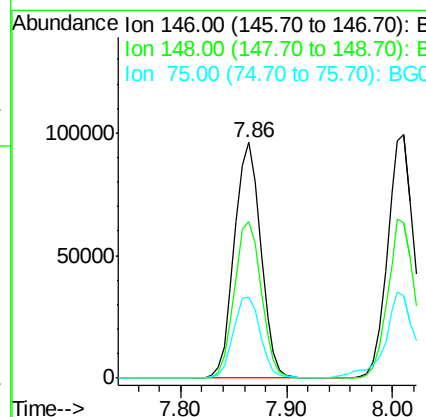
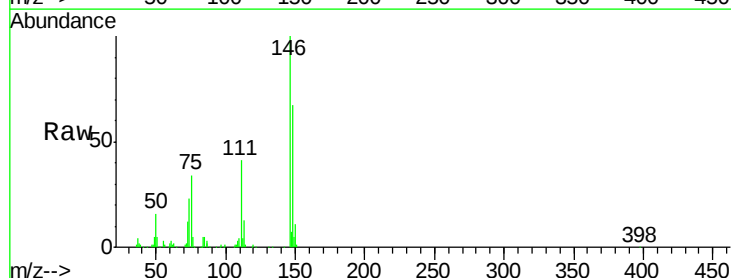
Instrument :  
BNA\_G  
ClientSampleId :

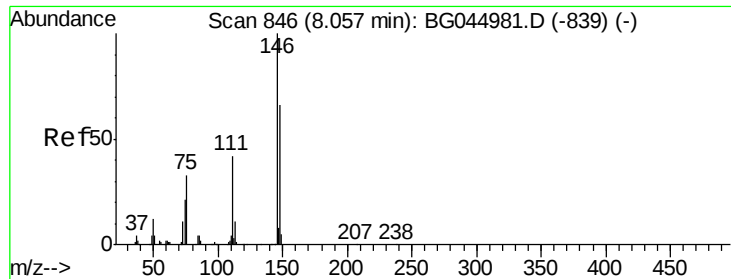
| Tot Ion   | 93    | Resp  | 148299 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 68.1  | 51.8  | 91.8   |
| 95        | 30.1  | 13.8  | 53.8   |



#12  
1,3-Dichlorobenzene  
Concen: 36.828 ng  
RT: 7.86 min Scan# 813  
Delta R.T. -0.00 min  
Lab File: BG045352.D  
Acq: 13 May 2020 7:43

| Tgt Ion   | 146   | Resp  | 166750 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 66.6  | 54.6  | 81.8   |
| 75        | 34.4  | 26.0  | 39.0   |

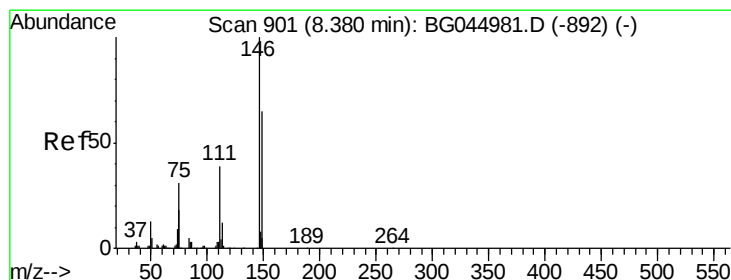
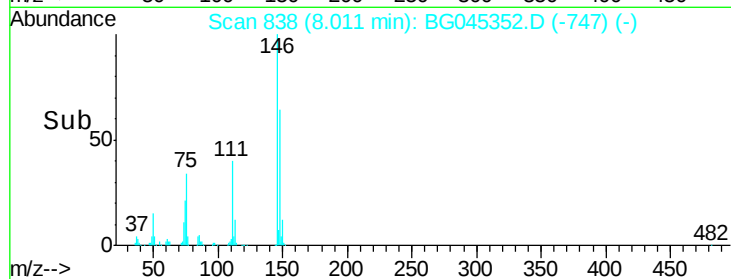
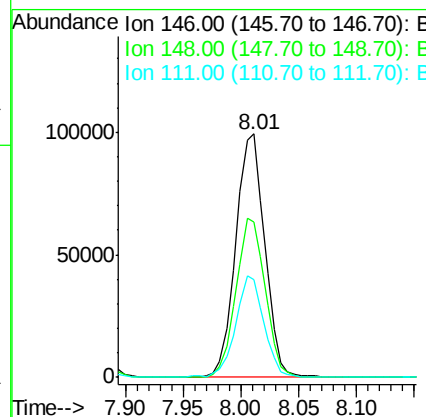
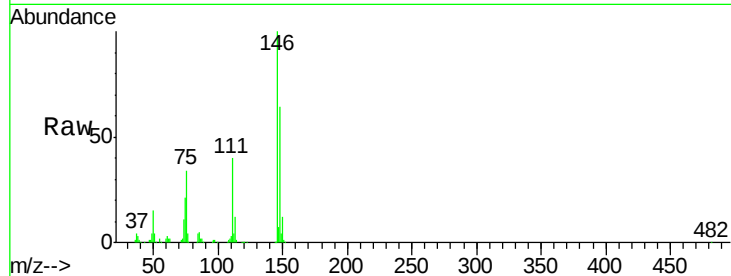




#13  
 1,4-Dichlorobenzene  
 Concen: 38.377 ng  
 RT: 8.01 min Scan# 838  
 Delta R.T. 0.00 min  
 Lab File: BG045352.D  
 Acq: 13 May 2020 7:43

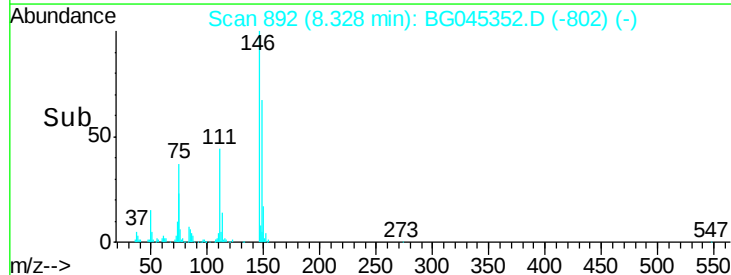
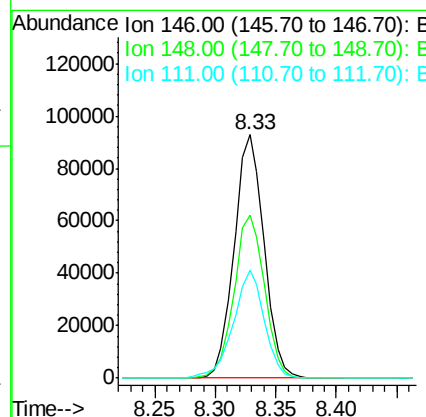
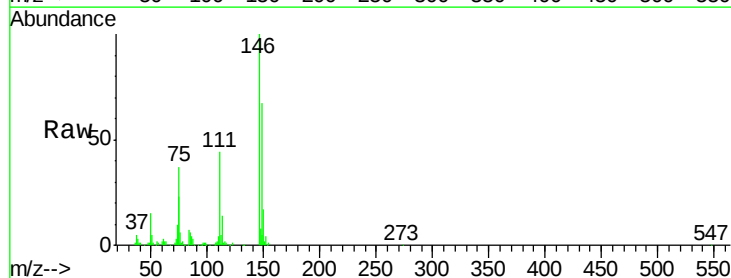
Instrument :  
 BNA\_G  
 ClientSampleId :

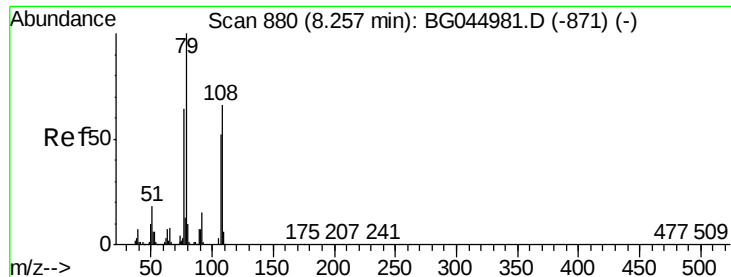
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.8  | 53.3  | 79.9  |
| 111     | 40.1  | 33.8  | 50.8  |



#14  
 1,2-Dichlorobenzene  
 Concen: 37.019 ng  
 RT: 8.33 min Scan# 892  
 Delta R.T. -0.00 min  
 Lab File: BG045352.D  
 Acq: 13 May 2020 7:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.8  | 51.9  | 77.9  |
| 111     | 44.3  | 31.3  | 46.9  |





#15

Benzyl Alcohol

Concen: 37.130 ng

RT: 8.21 min Scan# 872

Delta R.T. -0.00 min

Lab File: BG045352.D

Acq: 13 May 2020 7:43

Instrument :

BNA\_G

ClientSampleId :

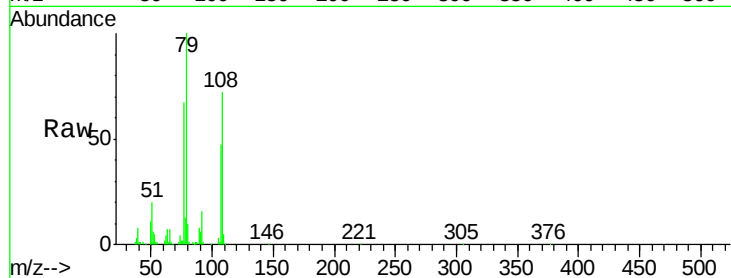
Tot Ion: 79 Resp: 165362

Ion Ratio Lower Upper

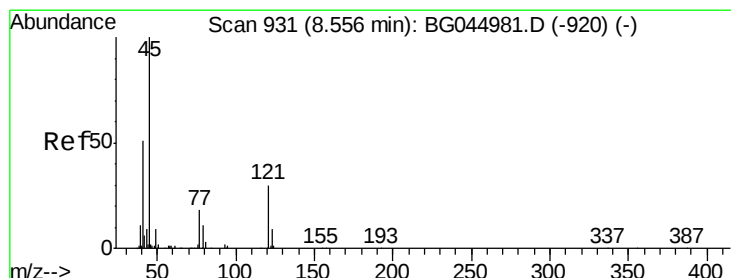
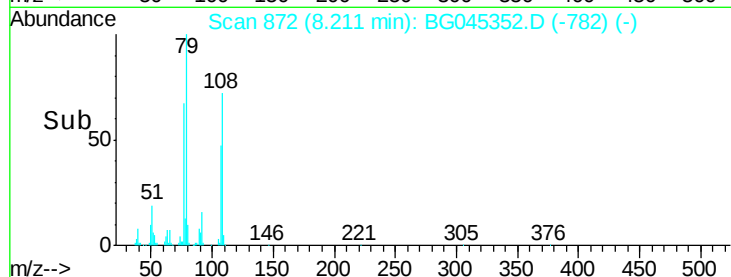
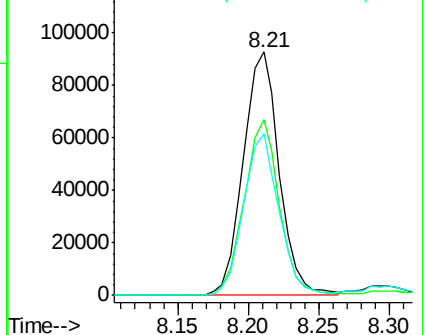
79 100

108 72.4 52.7 79.1

77 66.7 51.3 76.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.936 ng

RT: 8.50 min Scan# 922

Delta R.T. -0.00 min

Lab File: BG045352.D

Acq: 13 May 2020 7:43

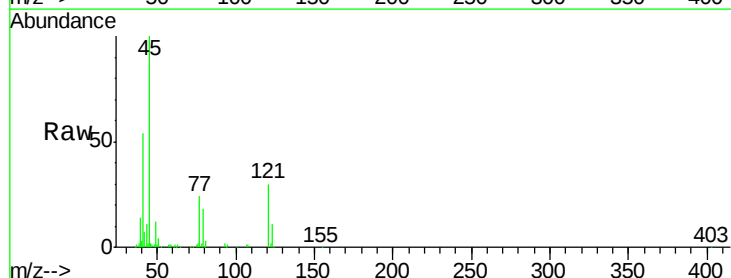
Tgt Ion: 45 Resp: 136825

Ion Ratio Lower Upper

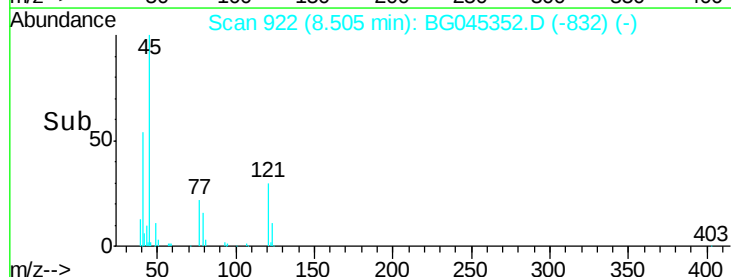
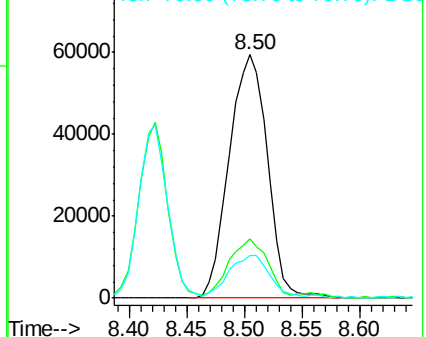
45 100

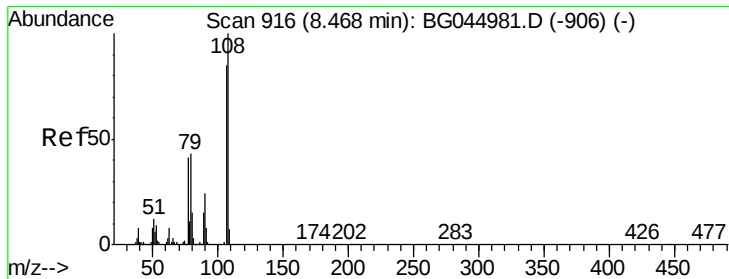
77 24.5 1.9 41.9

79 17.6 0.0 35.5



Abundance Ion 45.00 (44.70 to 45.70): BGC  
Ion 77.00 (76.70 to 77.70): BGC  
Ion 79.00 (78.70 to 79.70): BGC

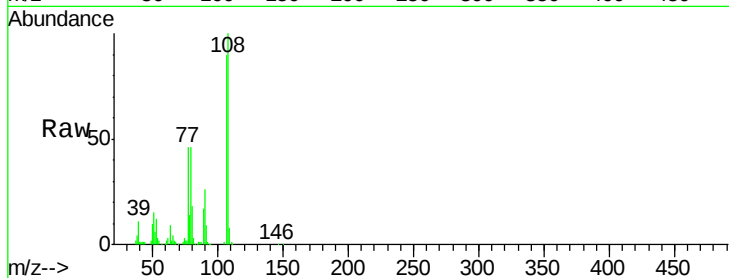




#17  
2-Methylphenol  
Concen: 36.204 ng  
RT: 8.42 min Scan# 908  
Delta R.T. 0.00 min  
Lab File: BG045352.D  
Acq: 13 May 2020 7:43

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 111.4 | 93.8  | 140.6 |
| 77      | 51.5  | 38.5  | 57.7  |
| 79      | 50.9  | 40.1  | 60.1  |



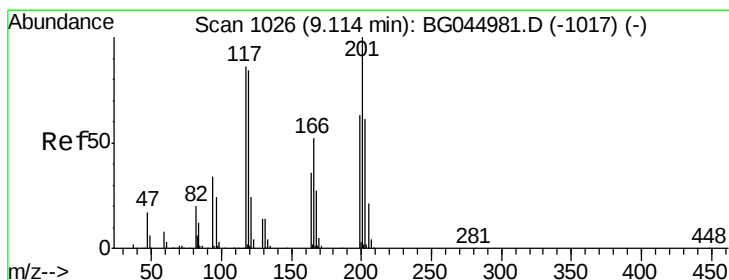
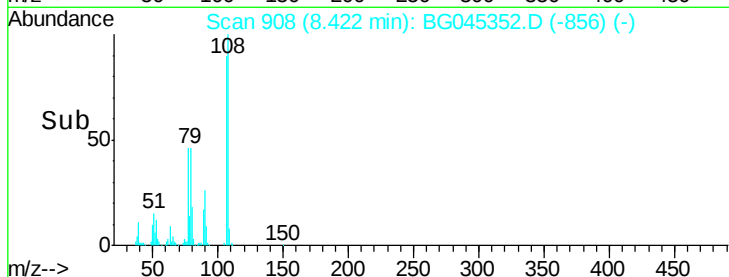
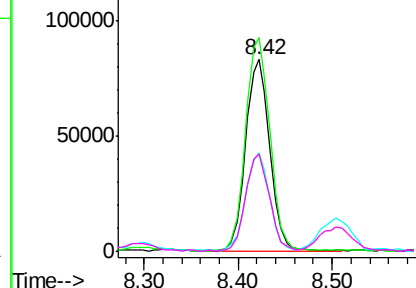
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

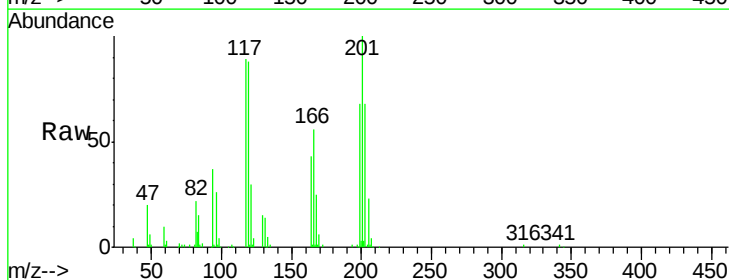
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18  
Hexachloroethane  
Concen: 37.559 ng  
RT: 9.06 min Scan# 1016  
Delta R.T. -0.00 min  
Lab File: BG045352.D  
Acq: 13 May 2020 7:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 99.2  | 78.3  | 117.5 |
| 201     | 112.1 | 92.9  | 139.3 |

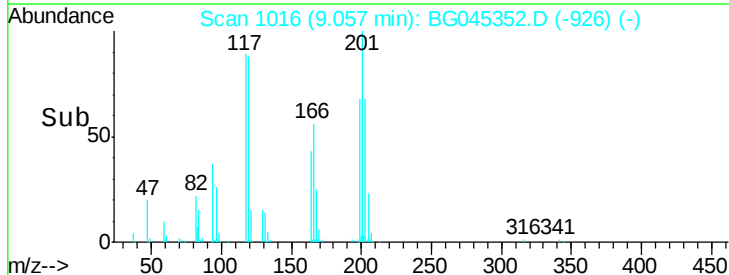
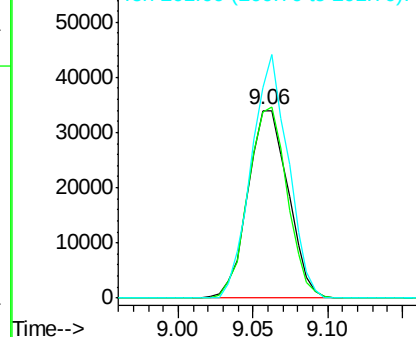


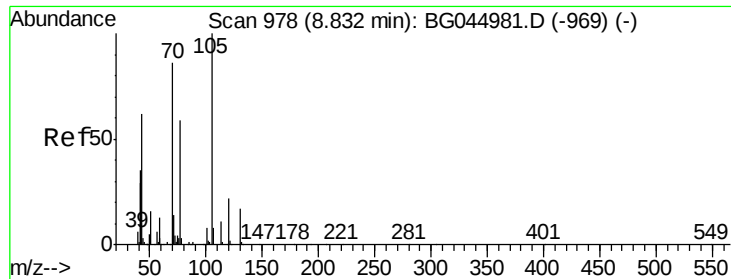
Abundance

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

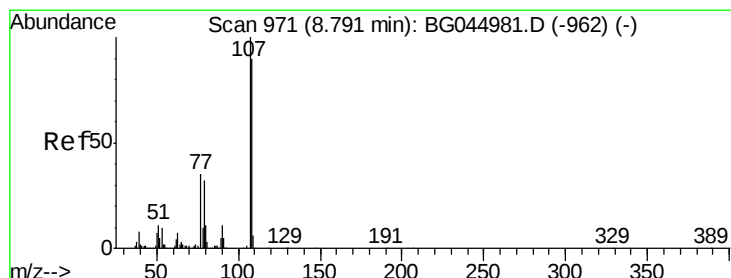
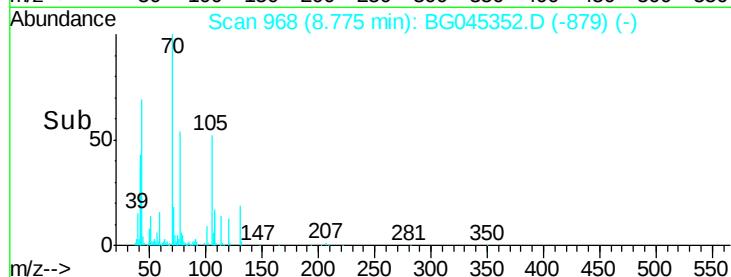
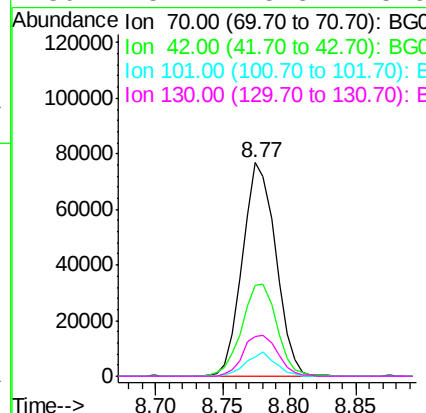
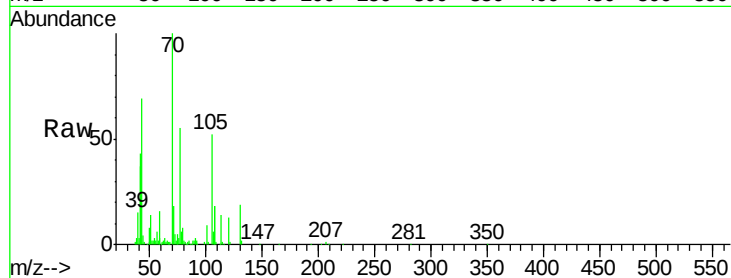




#19  
n-Nitroso-di-n-propylamine  
Concen: 35.439 ng  
RT: 8.77 min Scan# 968  
Delta R.T. -0.01 min  
Lab File: BG045352.D  
Acq: 13 May 2020 7:43

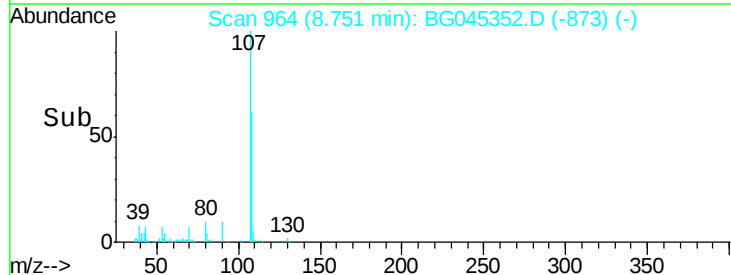
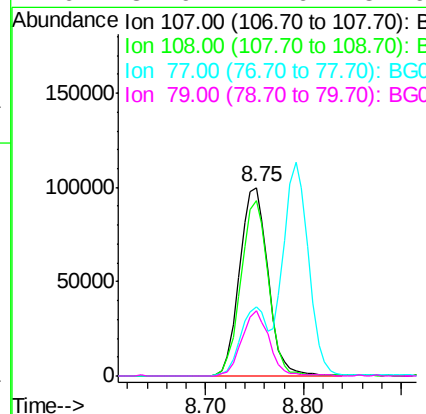
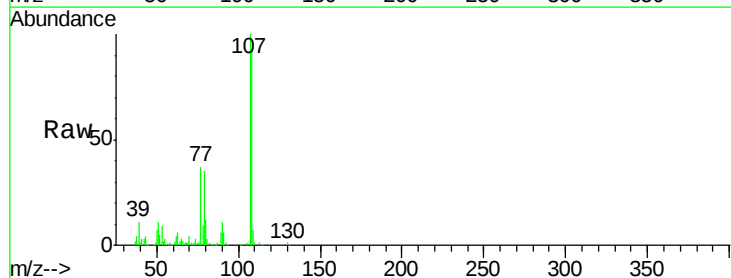
Instrument :  
BNA\_G  
ClientSampleId :

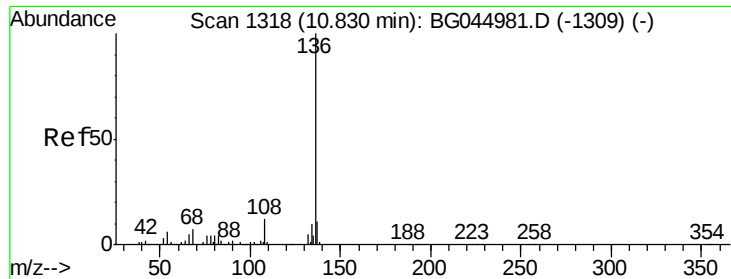
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 133128 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 42.7  | 33.3  | 49.9   |
| 101      | 9.2   | 7.8   | 11.8   |
| 130      | 18.7  | 15.8  | 23.6   |



#20  
3+4-Methylphenols  
Concen: 35.440 ng  
RT: 8.75 min Scan# 964  
Delta R.T. 0.00 min  
Lab File: BG045352.D  
Acq: 13 May 2020 7:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 203439 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 93.1  | 69.9  | 109.9  |
| 77       | 36.9  | 15.2  | 55.2   |
| 79       | 34.9  | 11.6  | 51.6   |

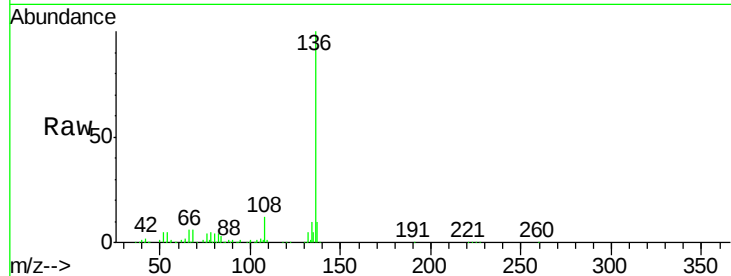




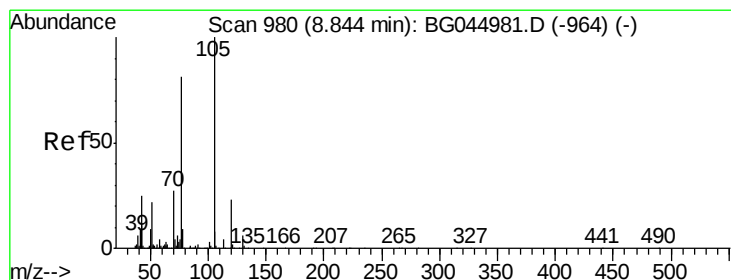
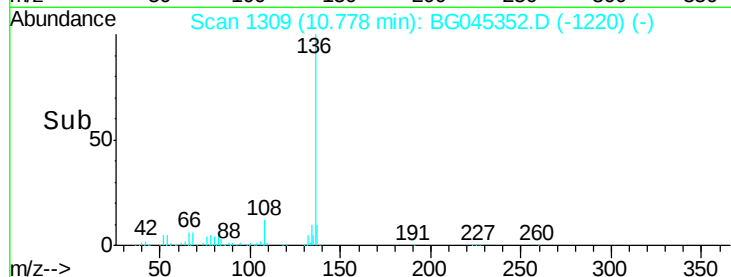
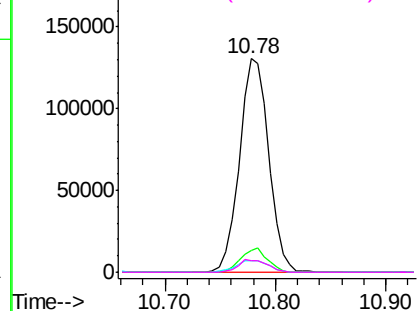
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.78 min Scan# 1309  
Delta R.T. -0.01 min  
Lab File: BG045352.D  
Acq: 13 May 2020 7:43

Instrument :  
BNA\_G  
ClientSampleId :

|             |       |        |
|-------------|-------|--------|
| Tot Ion:136 | Resp: | 242943 |
| Ion Ratio   | Lower | Upper  |
| 136 100     |       |        |
| 137 10.4    | 8.6   | 13.0   |
| 54 5.3      | 4.8   | 7.2    |
| 68 5.6      | 5.2   | 7.8    |

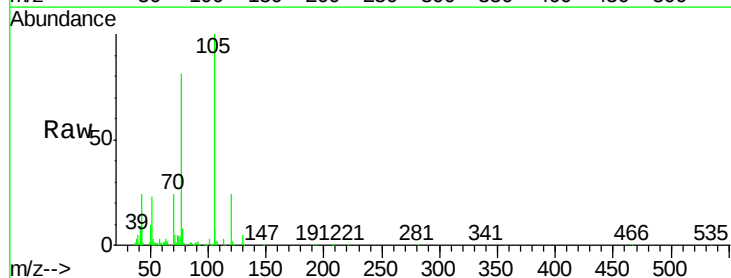


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

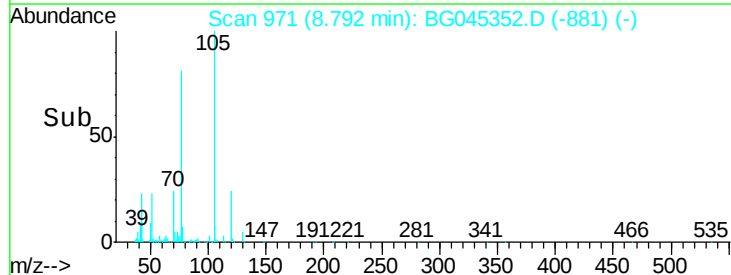
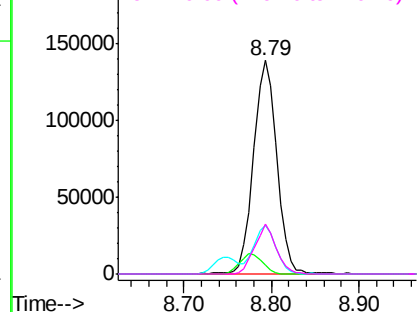


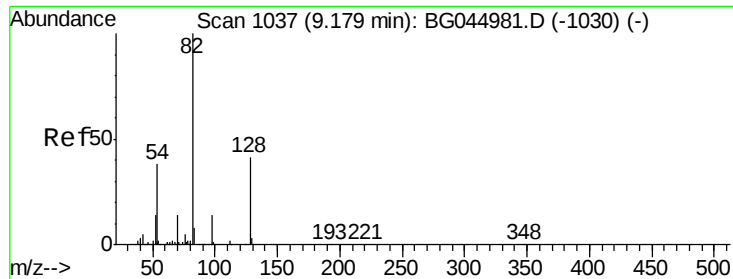
#22  
Acetophenone  
Concen: 38.018 ng  
RT: 8.79 min Scan# 971  
Delta R.T. -0.00 min  
Lab File: BG045352.D  
Acq: 13 May 2020 7:43

|             |       |        |
|-------------|-------|--------|
| Tgt Ion:105 | Resp: | 249769 |
| Ion Ratio   | Lower | Upper  |
| 105 100     |       |        |
| 71 4.5      | 3.3   | 4.9    |
| 51 22.8     | 17.3  | 25.9   |
| 120 23.5    | 18.4  | 27.6   |



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

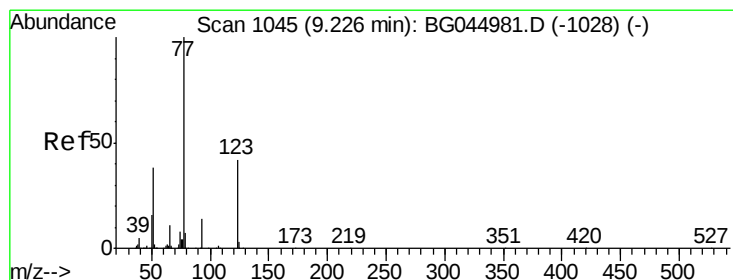
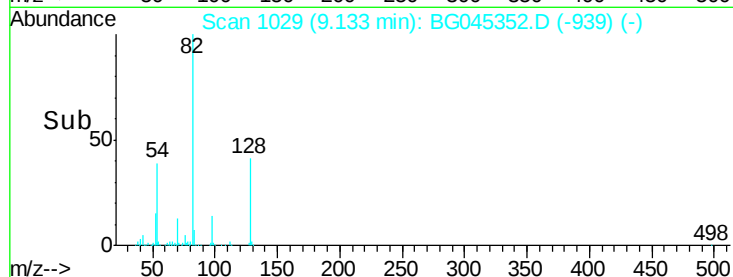
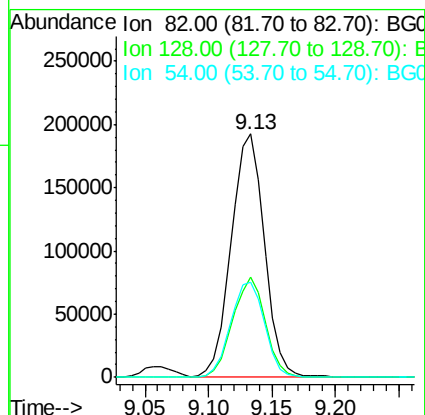
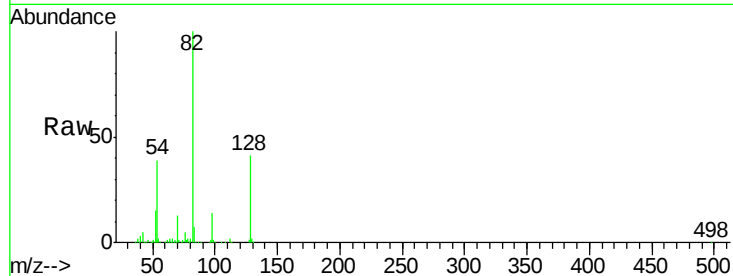




#23  
Nitrobenzene-d5  
Concen: 65.026 ng  
RT: 9.13 min Scan# 1029  
Delta R.T. -0.00 min  
Lab File: BG045352.D  
Acq: 13 May 2020 7:43

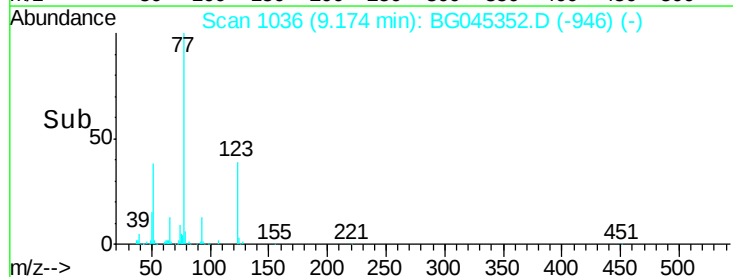
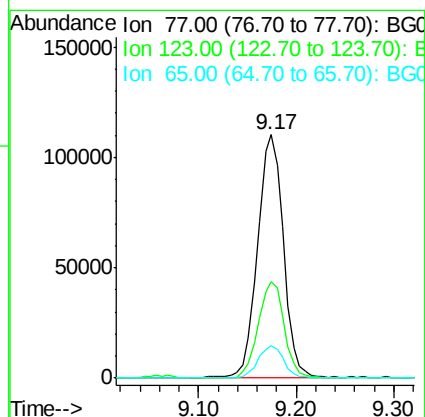
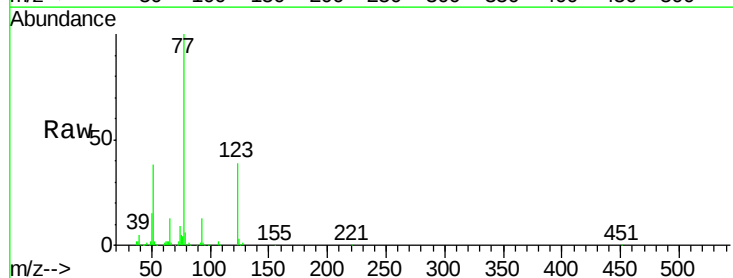
Instrument :  
BNA\_G  
ClientSampleId :

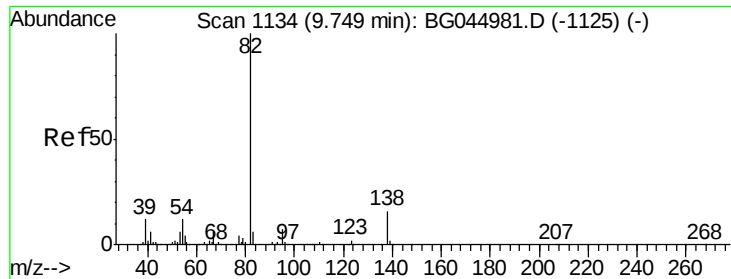
Tot Ion: 82 Resp: 346222  
Ion Ratio Lower Upper  
82 100  
128 41.4 33.0 49.4  
54 39.1 30.4 45.6



#24  
Nitrobenzene  
Concen: 37.651 ng  
RT: 9.17 min Scan# 1036  
Delta R.T. -0.00 min  
Lab File: BG045352.D  
Acq: 13 May 2020 7:43

Tgt Ion: 77 Resp: 205489  
Ion Ratio Lower Upper  
77 100  
123 39.4 34.3 51.5  
65 13.2 8.9 13.3





#25

Isophorone

Concen: 34.412 ng

RT: 9.70 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BG045352.D

Acq: 13 May 2020 7:43

Instrument :

BNA\_G

ClientSampleId :

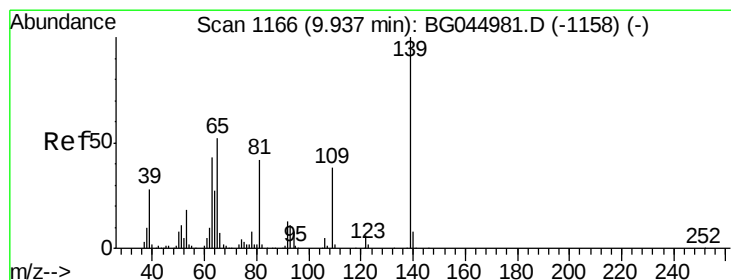
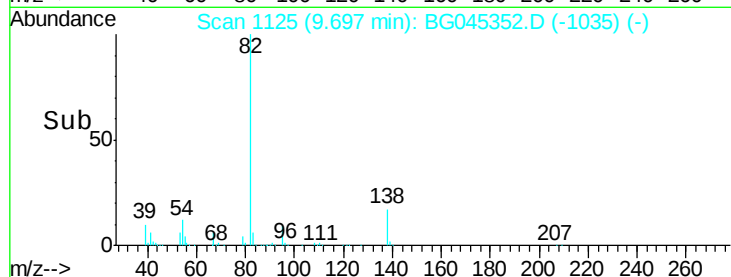
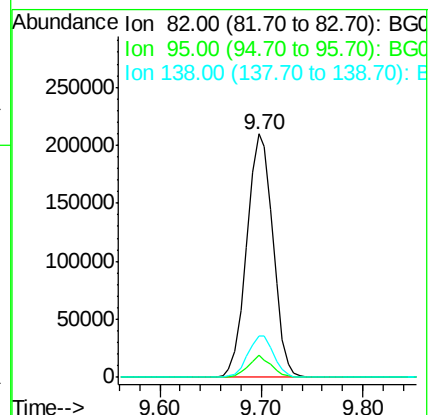
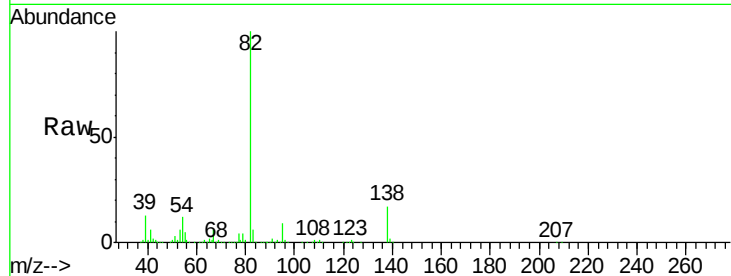
Tot Ion: 82 Resp: 375215

Ion Ratio Lower Upper

82 100

95 9.0 6.0 9.0

138 17.1 12.7 19.1



#26

2-Nitrophenol

Concen: 38.745 ng

RT: 9.89 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BG045352.D

Acq: 13 May 2020 7:43

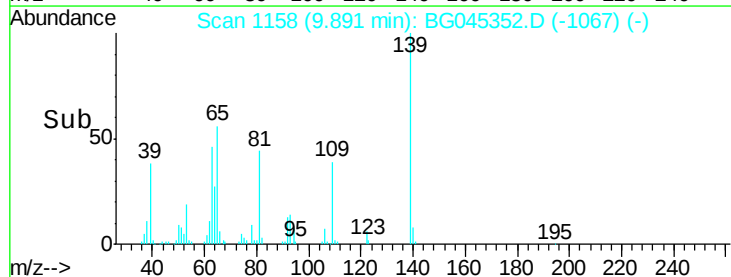
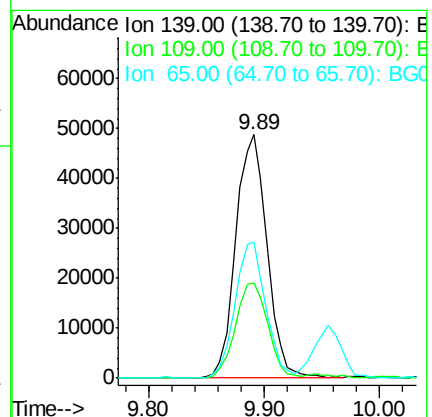
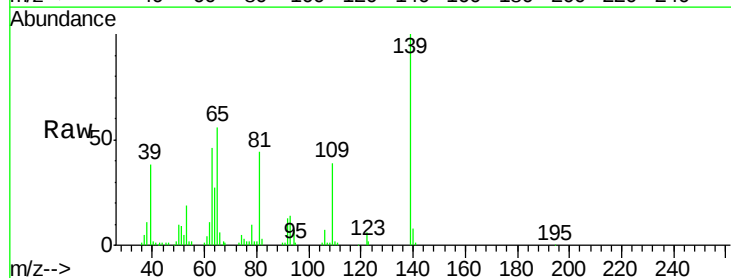
Tgt Ion: 139 Resp: 91084

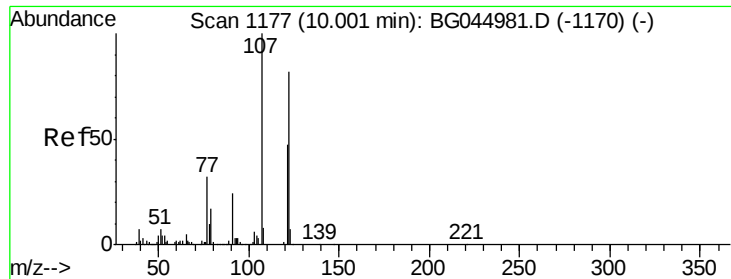
Ion Ratio Lower Upper

139 100

109 39.1 30.6 45.8

65 56.0 41.8 62.6

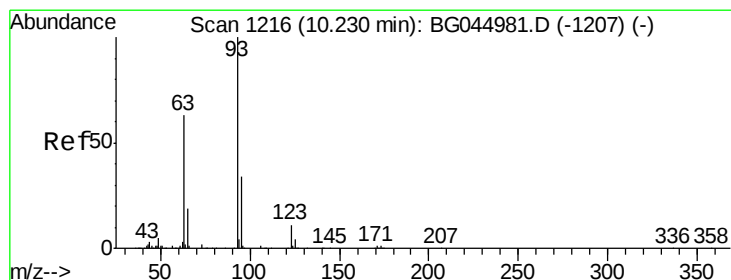
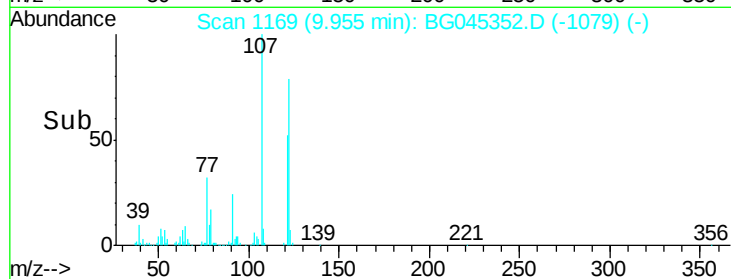
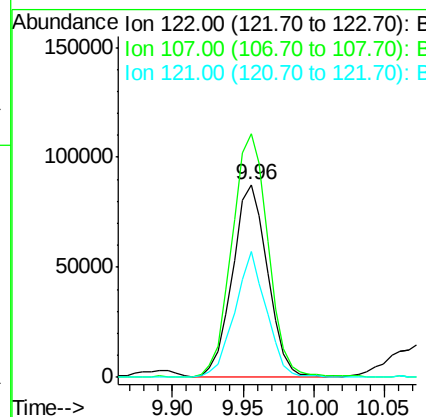
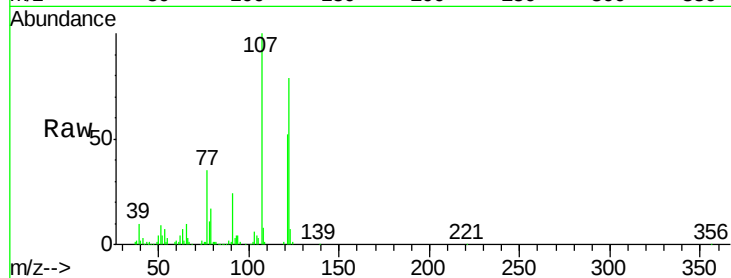




#27  
 2,4-Dimethylphenol  
 Concen: 40.374 ng  
 RT: 9.96 min Scan# 1169  
 Delta R.T. -0.00 min  
 Lab File: BG045352.D  
 Acq: 13 May 2020 7:43

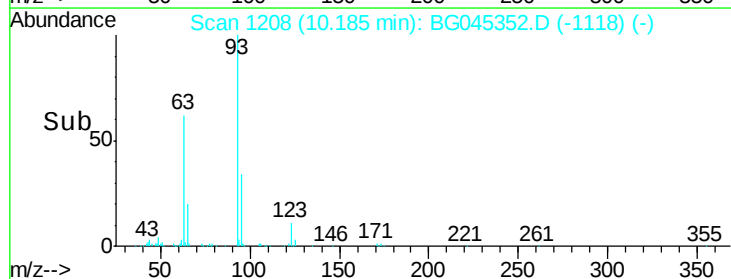
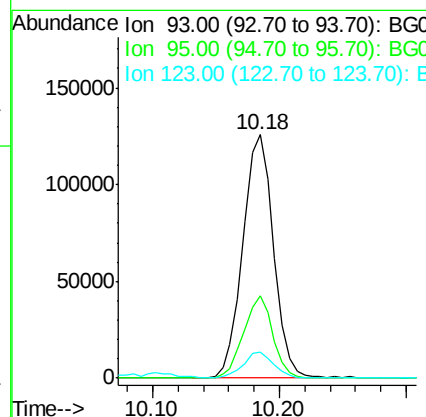
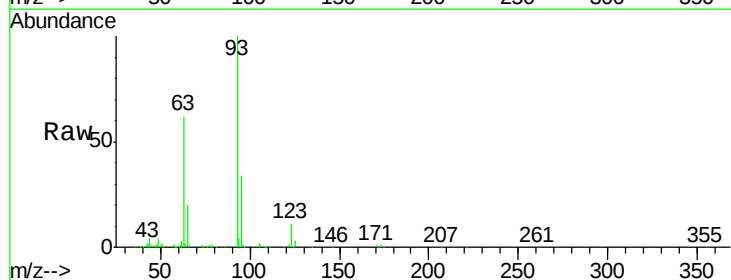
Instrument :  
 BNA\_G  
 ClientSampleId :

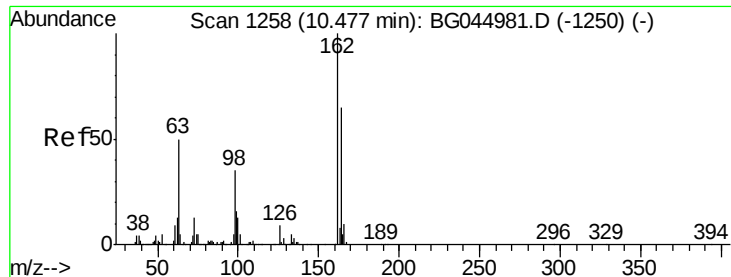
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 126.5 | 96.8  | 145.2 |
| 121     | 65.1  | 45.6  | 68.4  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 36.847 ng  
 RT: 10.18 min Scan# 1208  
 Delta R.T. -0.00 min  
 Lab File: BG045352.D  
 Acq: 13 May 2020 7:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.9  | 27.0  | 40.4  |
| 123     | 10.8  | 8.7   | 13.1  |

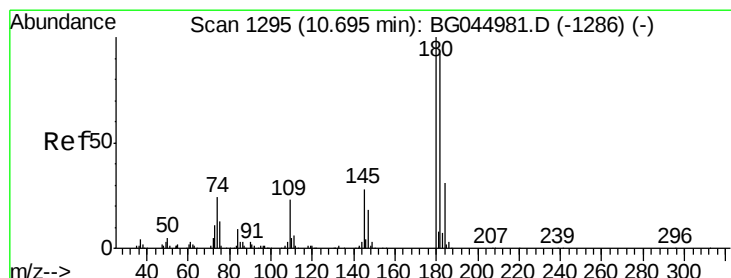
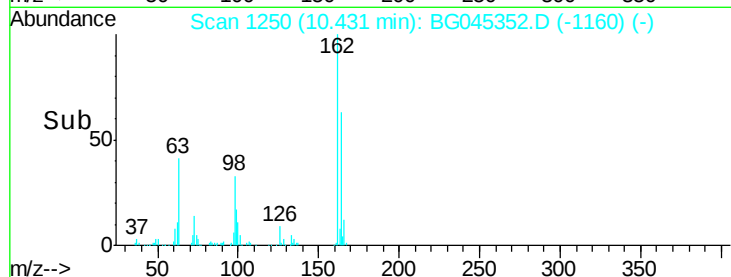
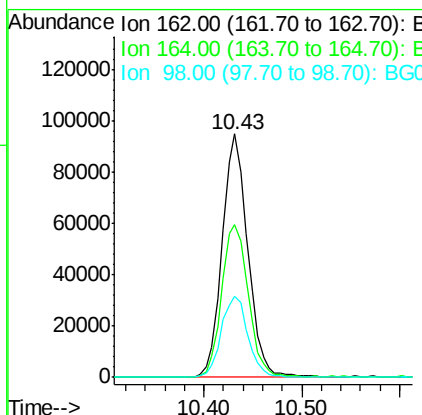
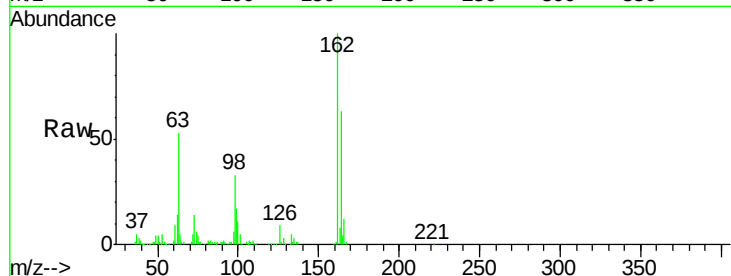




#29  
 2,4-Dichlorophenol  
 Concen: 40.003 ng  
 RT: 10.43 min Scan# 1250  
 Delta R.T. -0.00 min  
 Lab File: BG045352.D  
 Acq: 13 May 2020 7:43

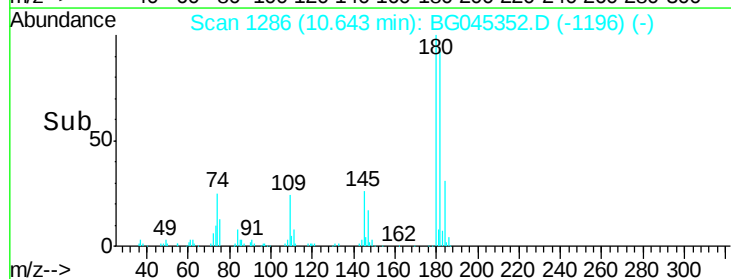
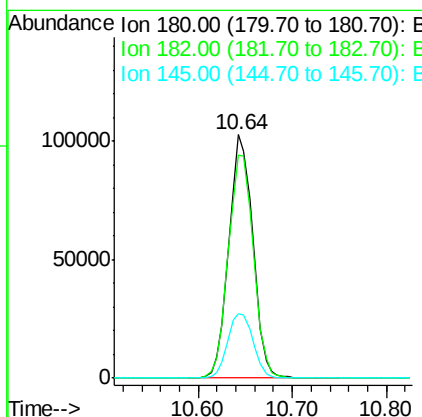
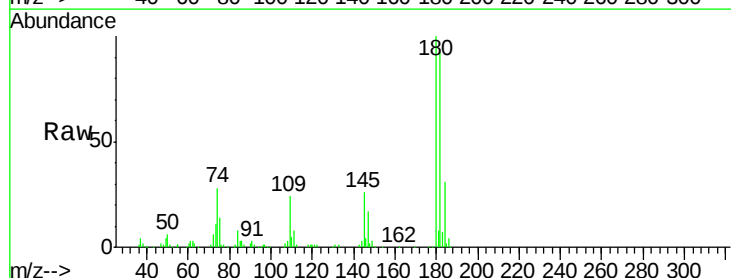
Instrument :  
 BNA\_G  
 ClientSampleId :

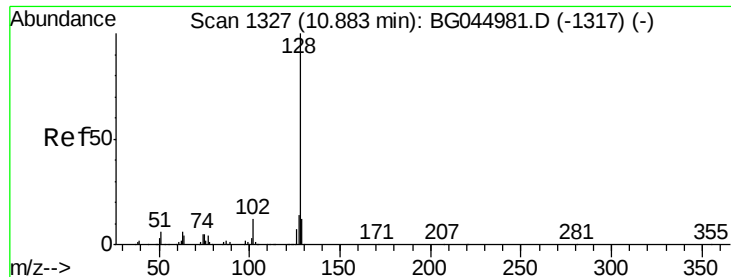
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 62.8  | 45.0  | 85.0  |
| 98      | 33.1  | 15.2  | 55.2  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 37.393 ng  
 RT: 10.64 min Scan# 1286  
 Delta R.T. -0.00 min  
 Lab File: BG045352.D  
 Acq: 13 May 2020 7:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 91.8  | 73.3  | 109.9 |
| 145     | 26.2  | 22.6  | 33.8  |

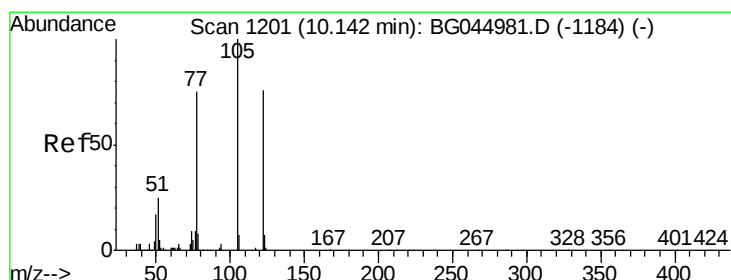
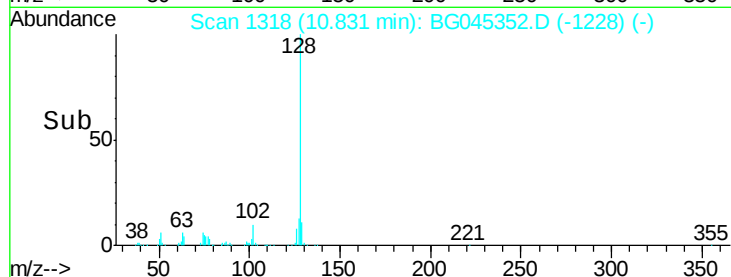
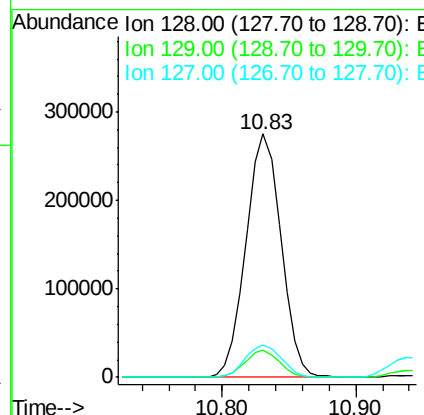
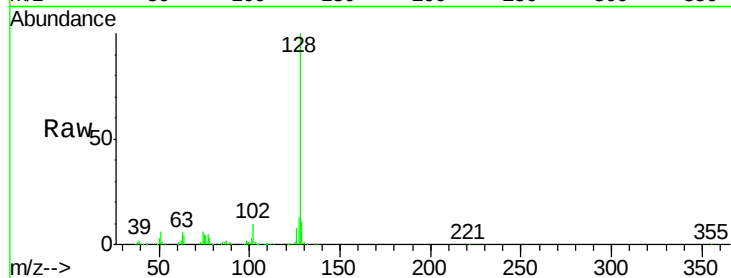




#31  
Naphthalene  
Concen: 37.635 ng  
RT: 10.83 min Scan# 1318  
Delta R.T. -0.00 min  
Lab File: BG045352.D  
Acq: 13 May 2020 7:43

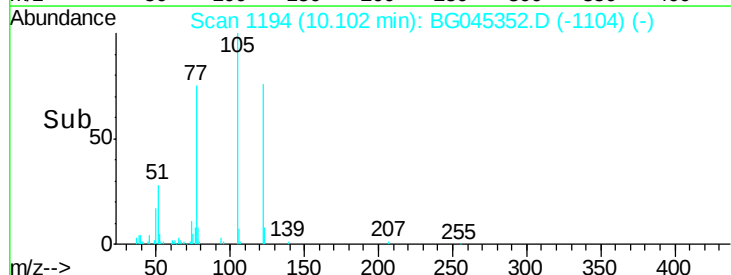
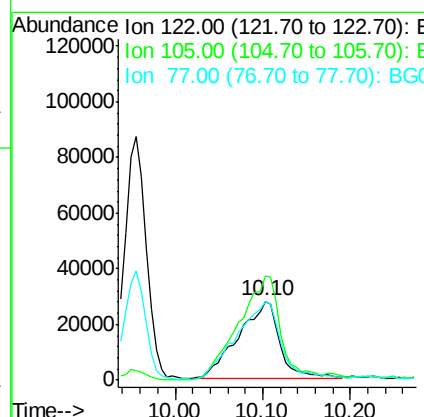
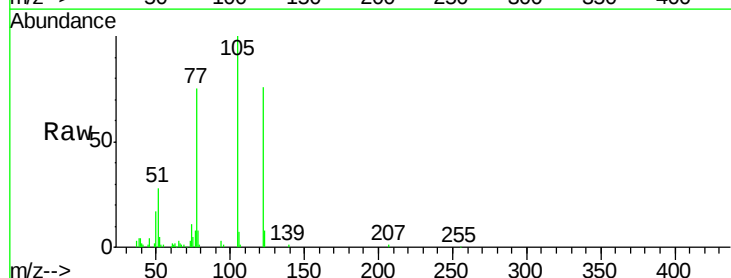
Instrument :  
BNA\_G  
ClientSampleId :

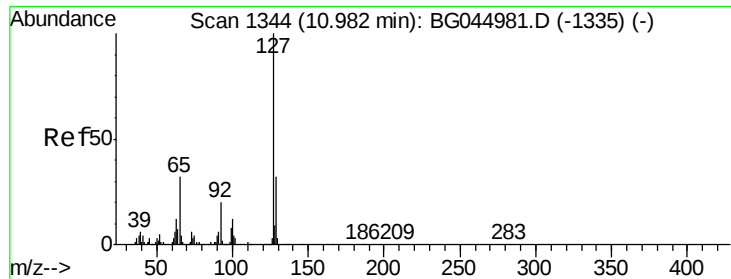
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.0  | 9.4   | 14.2  |
| 127     | 13.3  | 10.8  | 16.2  |



#32  
Benzoic acid  
Concen: 32.396 ng  
RT: 10.10 min Scan# 1194  
Delta R.T. -0.00 min  
Lab File: BG045352.D  
Acq: 13 May 2020 7:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 132.2 | 108.4 | 148.4 |
| 77      | 99.4  | 78.8  | 118.8 |

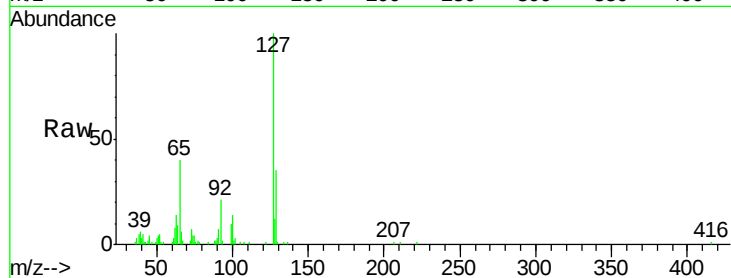




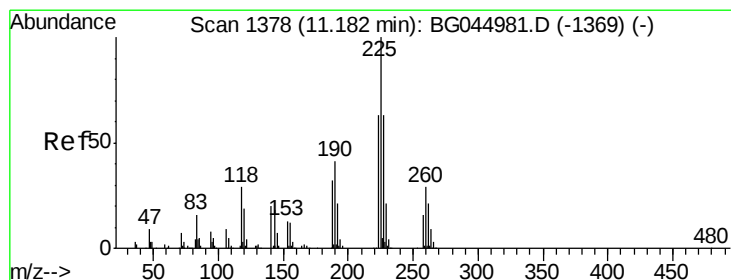
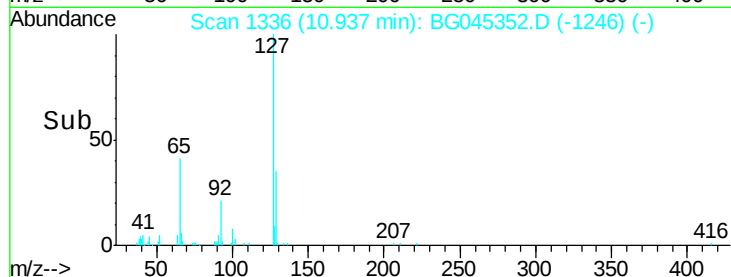
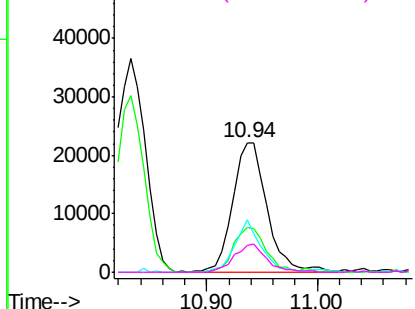
#33  
4-Chloroaniline  
Concen: 7.823 ng  
RT: 10.94 min Scan# 1336  
Delta R.T. -0.00 min  
Lab File: BG045352.D  
Acq: 13 May 2020 7:43

Instrument :  
BNA\_G  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 34.6  | 25.7  | 38.5  |
| 65      | 40.2  | 25.4  | 38.2  |
| 92      | 20.6  | 16.1  | 24.1  |

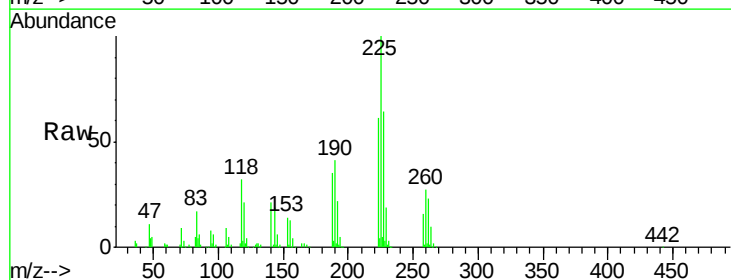


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC

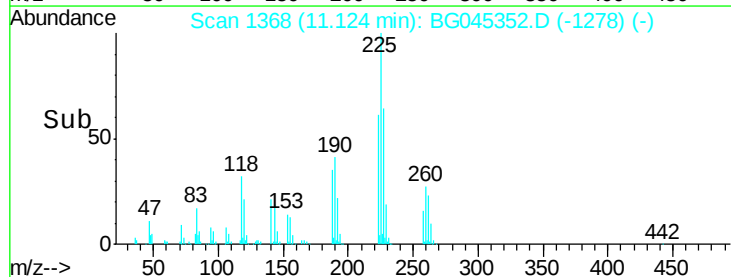
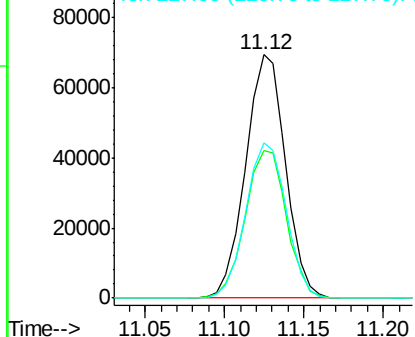


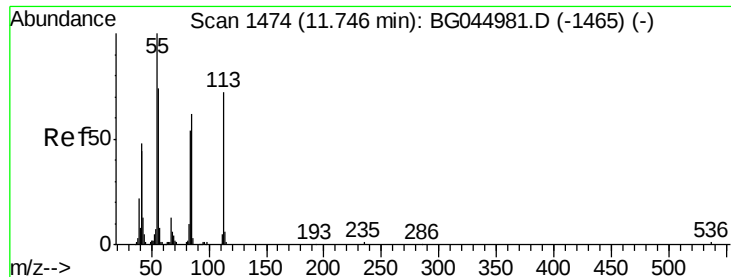
#34  
Hexachlorobutadiene  
Concen: 36.339 ng  
RT: 11.12 min Scan# 1368  
Delta R.T. -0.00 min  
Lab File: BG045352.D  
Acq: 13 May 2020 7:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 60.7  | 50.7  | 76.1  |
| 227     | 63.6  | 50.2  | 75.2  |



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: 19.778 ng

RT: 11.69 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BG045352.D

Acq: 13 May 2020 7:43

Instrument :

BNA\_G

ClientSampled :

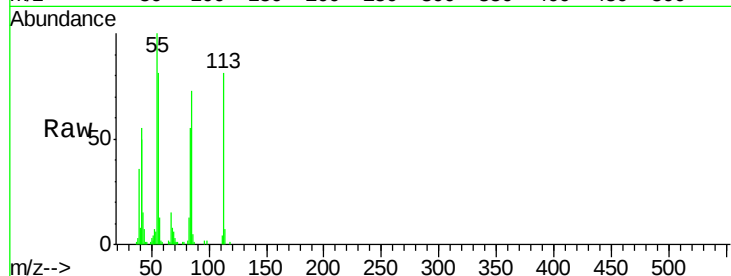
Tot Ion:113 Resp: 33904

Ion Ratio Lower Upper

113 100

55 123.8 118.8 158.8

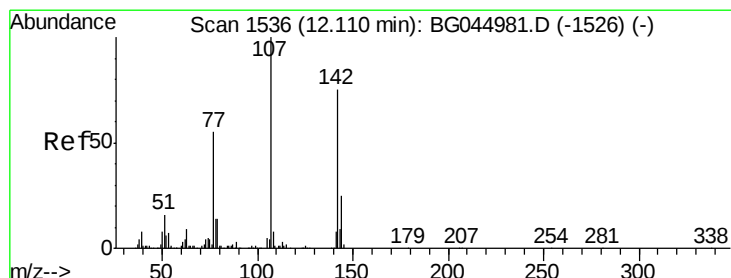
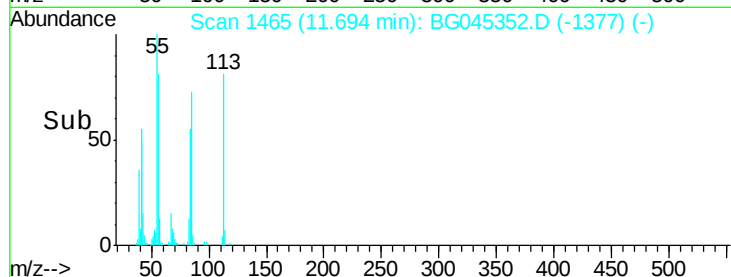
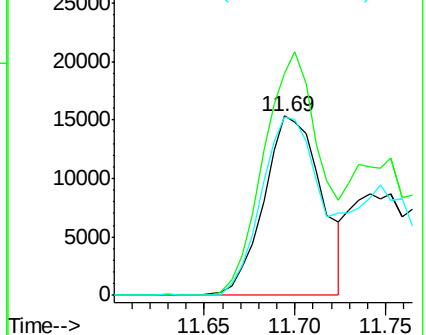
56 99.7 82.6 122.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG044981.D (-1465) (-)

Ion 56.00 (55.70 to 56.70): BG044981.D (-1465) (-)



#36

4-Chloro-3-methylphenol

Concen: 39.881 ng

RT: 12.07 min Scan# 1529

Delta R.T. -0.00 min

Lab File: BG045352.D

Acq: 13 May 2020 7:43

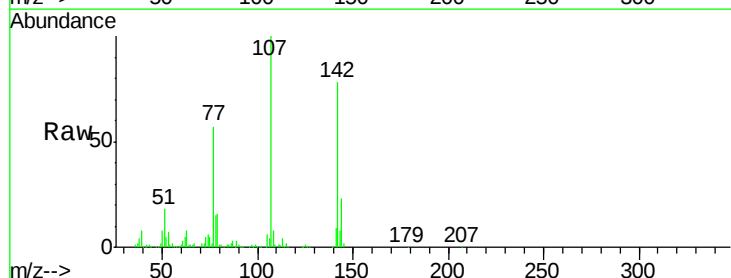
Tgt Ion:107 Resp: 201789

Ion Ratio Lower Upper

107 100

144 23.4 19.8 29.6

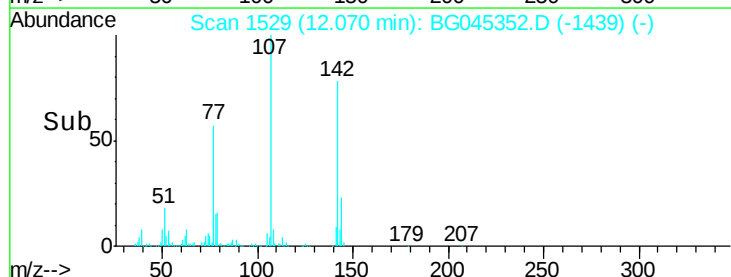
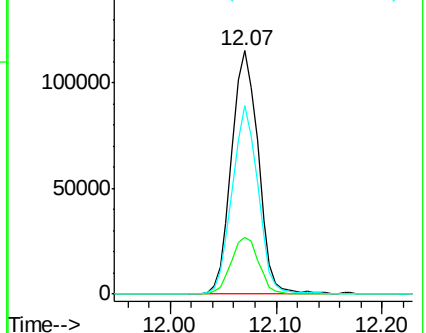
142 77.6 59.7 89.5

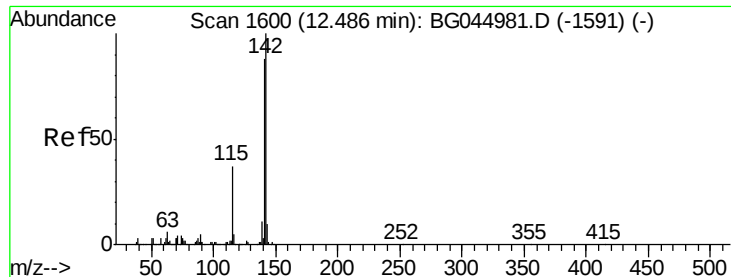


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

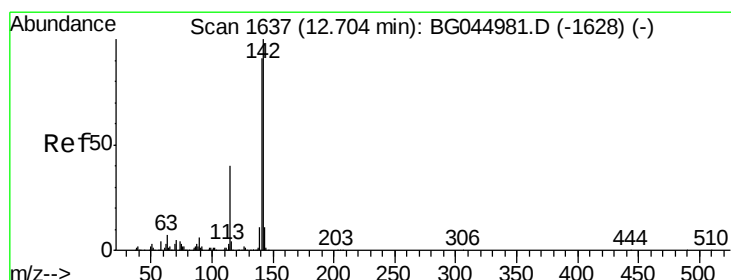
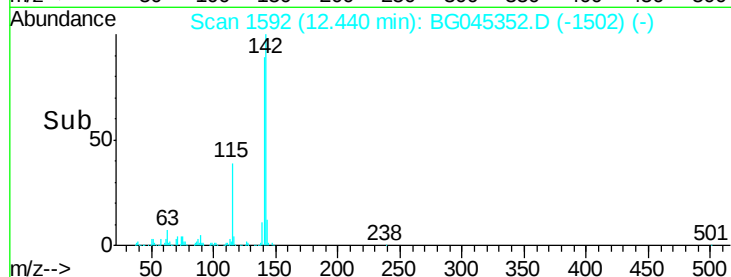
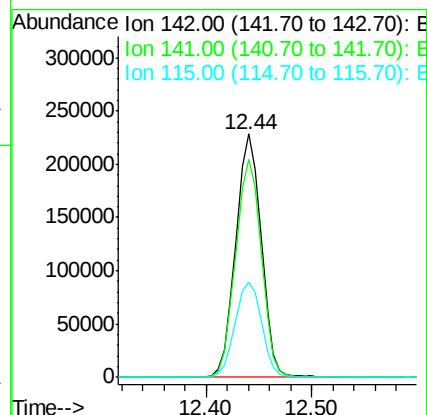
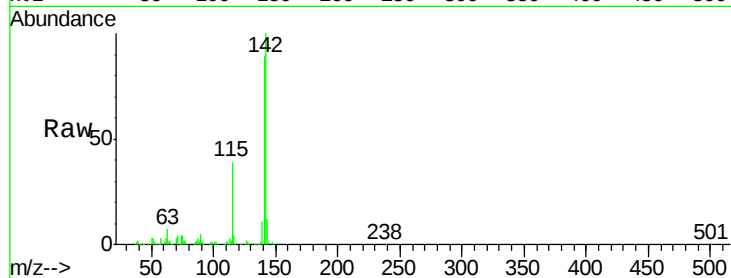




#37  
2-Methylnaphthalene  
Concen: 36.902 ng  
RT: 12.44 min Scan# 1592  
Delta R.T. -0.00 min  
Lab File: BG045352.D  
Acq: 13 May 2020 7:43

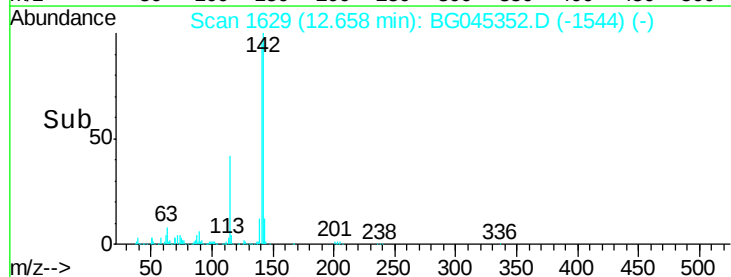
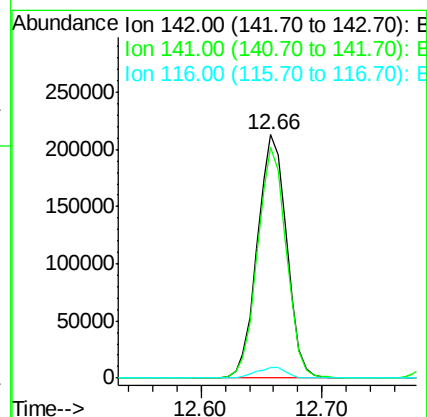
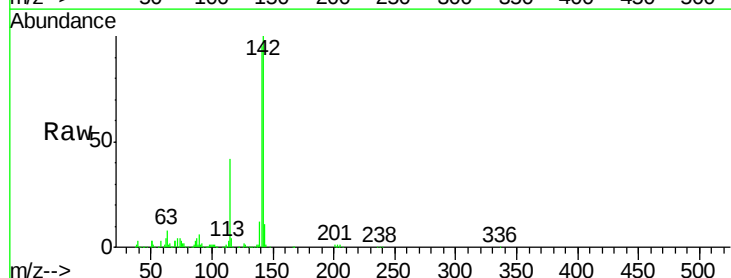
Instrument :  
BNA\_G  
ClientSampleId :

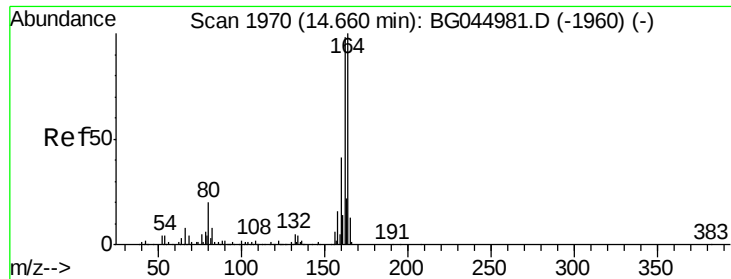
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.5  | 70.3  | 105.5 |
| 115     | 39.3  | 29.8  | 44.6  |



#38  
1-Methylnaphthalene  
Concen: 37.143 ng  
RT: 12.66 min Scan# 1629  
Delta R.T. -0.00 min  
Lab File: BG045352.D  
Acq: 13 May 2020 7:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 94.8  | 72.7  | 109.1 |
| 116     | 4.5   | 3.1   | 4.7   |

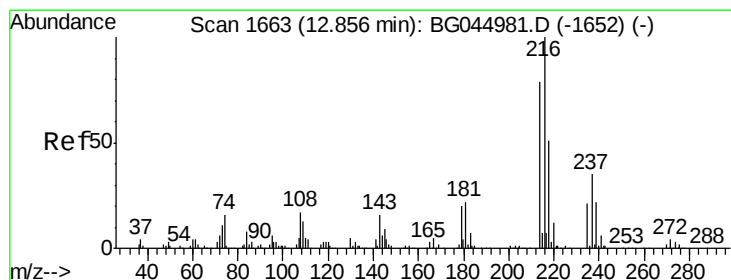
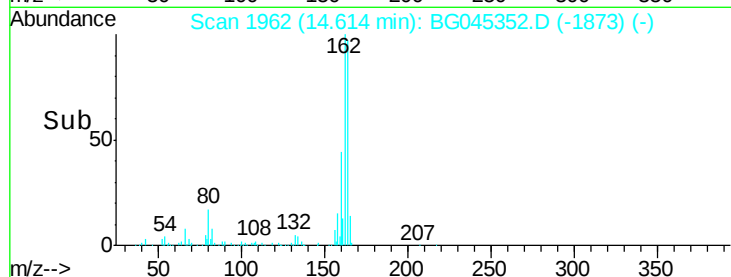
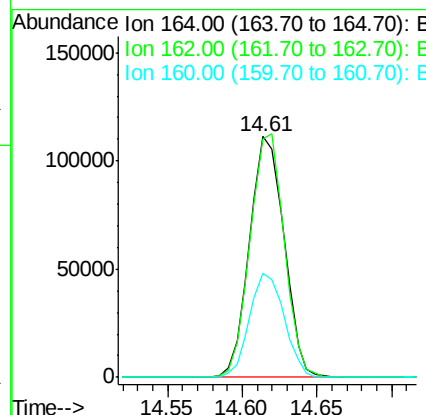
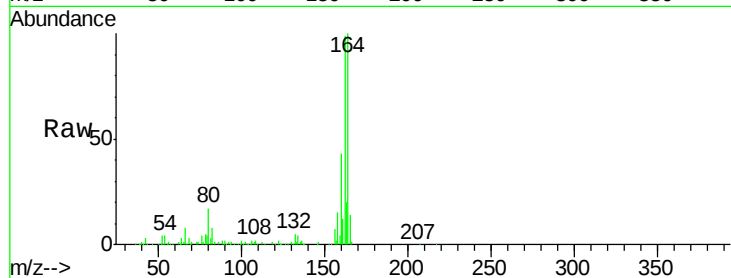




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.61 min Scan# 1962  
Delta R.T. -0.01 min  
Lab File: BG045352.D  
Acq: 13 May 2020 7:43

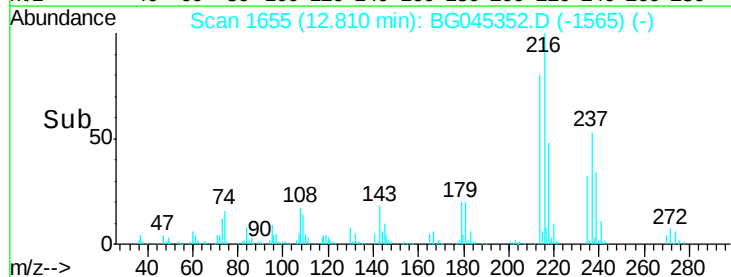
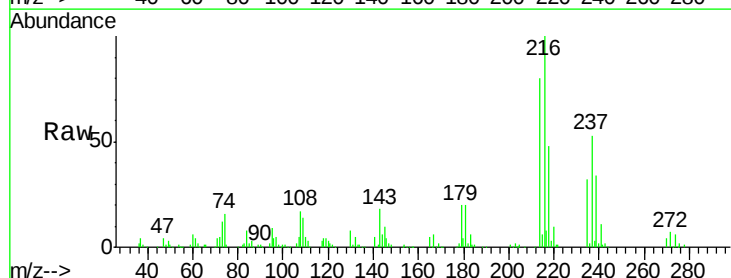
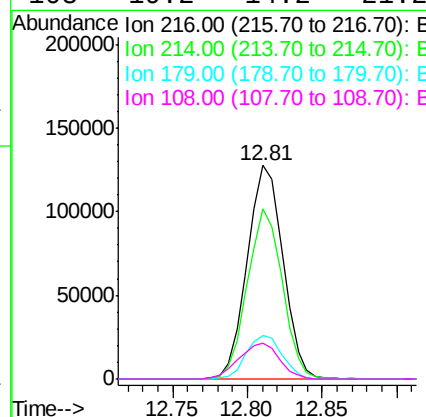
Instrument :  
BNA\_G  
ClientSampled :

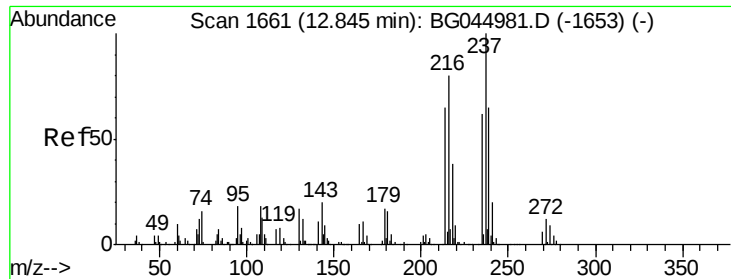
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 99.3  | 78.7  | 118.1 |
| 160     | 43.4  | 32.8  | 49.2  |



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 36.963 ng  
RT: 12.81 min Scan# 1655  
Delta R.T. -0.00 min  
Lab File: BG045352.D  
Acq: 13 May 2020 7:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 78.3  | 63.0  | 94.6  |
| 179     | 20.7  | 15.8  | 23.8  |
| 108     | 19.2  | 14.2  | 21.2  |

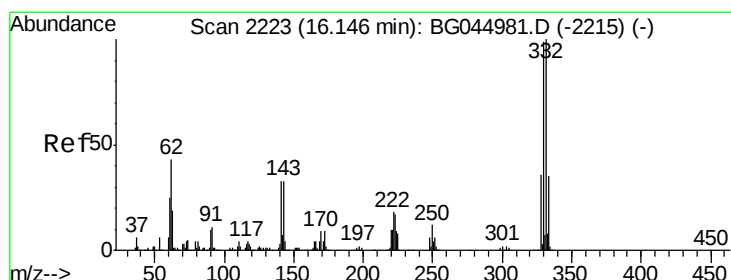
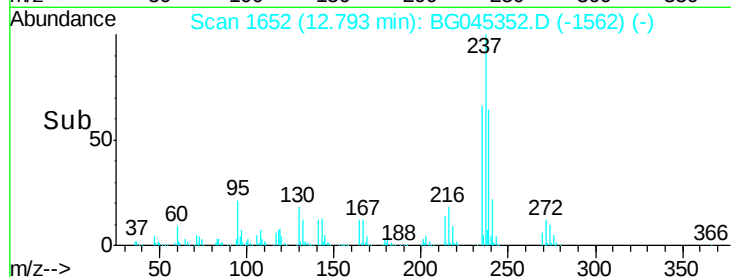
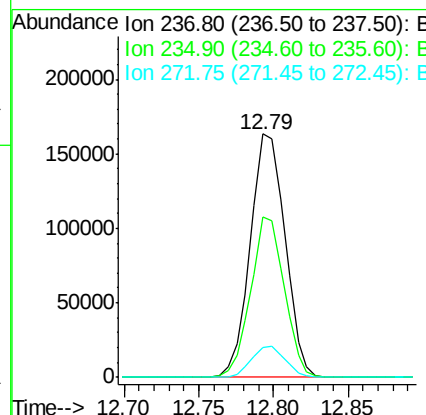
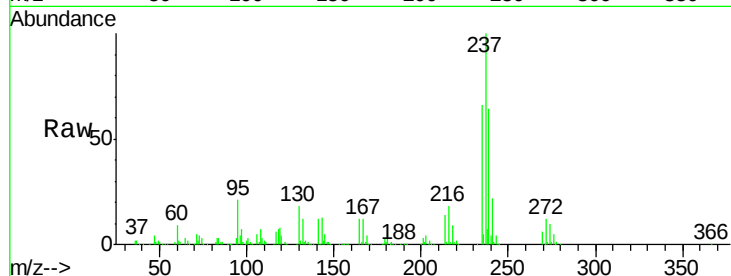




#41  
Hexachlorocyclopentadiene  
Concen: 73.509 ng  
RT: 12.79 min Scan# 1652  
Delta R.T. -0.00 min  
Lab File: BG045352.D  
Acq: 13 May 2020 7:43

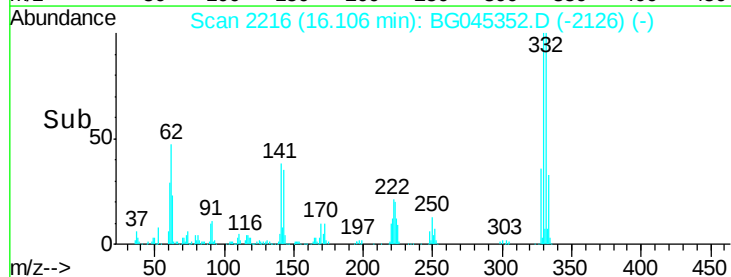
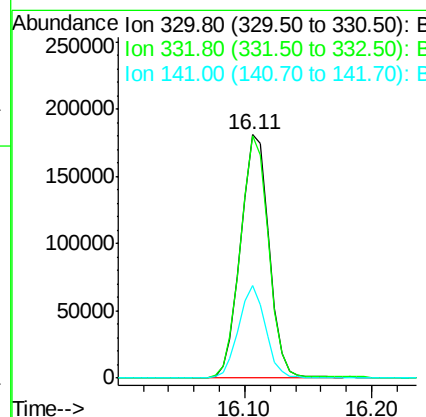
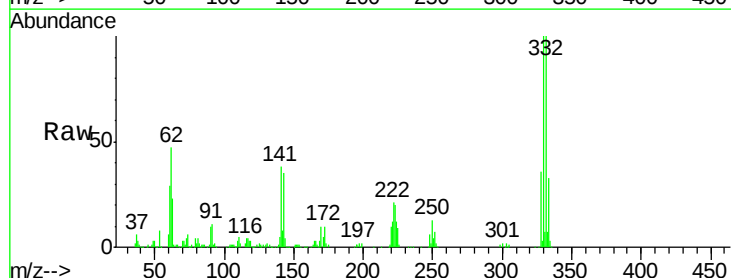
Instrument :  
BNA\_G  
ClientSampleId :

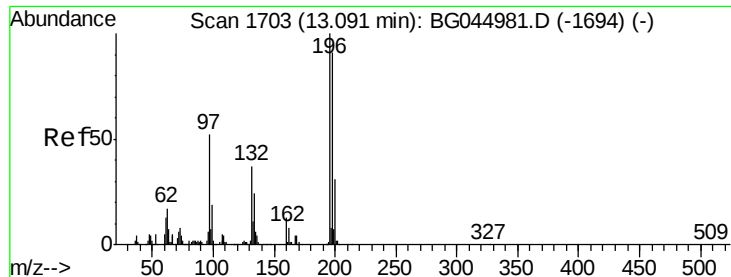
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 66.1  | 41.6  | 81.6  |
| 272     | 12.2  | 0.0   | 32.1  |



#42  
2,4,6-Tribromophenol  
Concen: 102.486 ng  
RT: 16.11 min Scan# 2216  
Delta R.T. -0.00 min  
Lab File: BG045352.D  
Acq: 13 May 2020 7:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 98.4  | 79.1  | 118.7 |
| 141     | 36.0  | 27.1  | 40.7  |

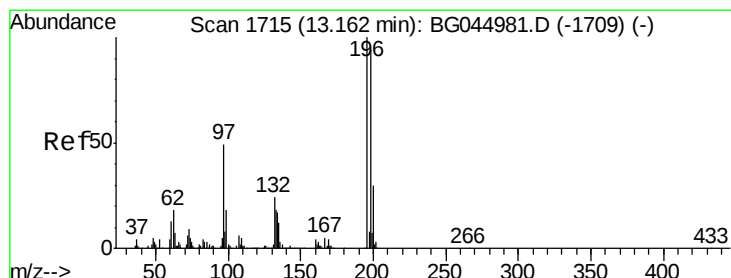
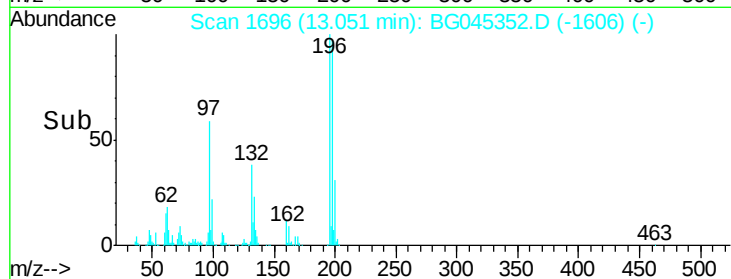
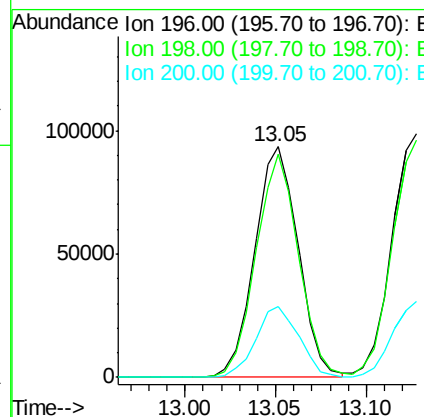
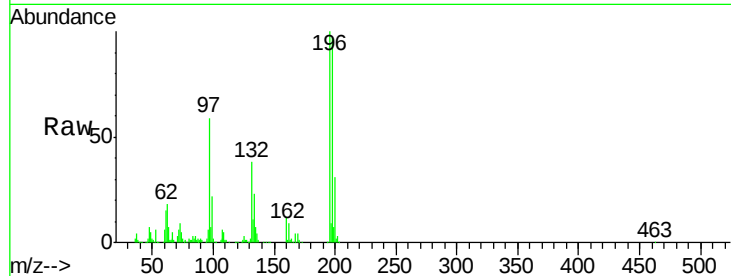




#43  
 2,4,6-Trichlorophenol  
 Concen: 38.327 ng  
 RT: 13.05 min Scan# 1696  
 Delta R.T. -0.00 min  
 Lab File: BG045352.D  
 Acq: 13 May 2020 7:43

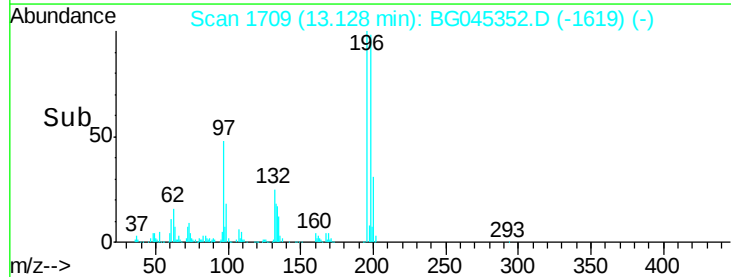
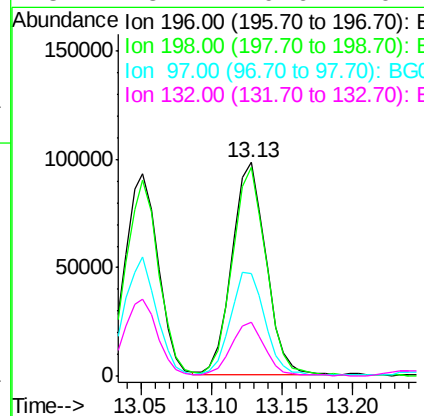
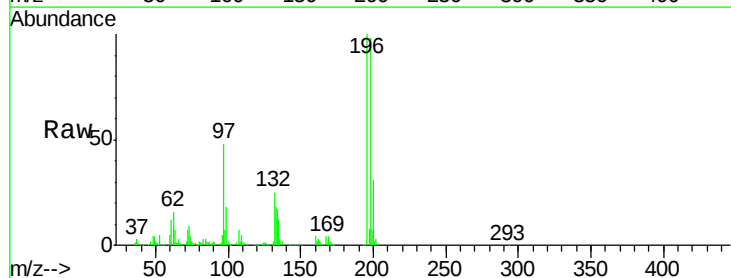
Instrument :  
 BNA\_G  
 ClientSampled :

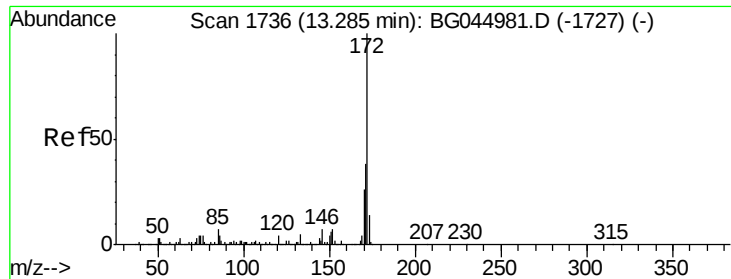
| Tot Ion   | 196   | Resp  | 154942 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 97.2  | 72.5  | 108.7  |
| 200       | 30.5  | 24.5  | 36.7   |



#44  
 2,4,5-Trichlorophenol  
 Concen: 35.888 ng  
 RT: 13.13 min Scan# 1709  
 Delta R.T. -0.00 min  
 Lab File: BG045352.D  
 Acq: 13 May 2020 7:43

| Tgt Ion   | 196   | Resp  | 165140 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 97.6  | 75.7  | 113.5  |
| 97        | 47.7  | 39.6  | 59.4   |
| 132       | 25.1  | 19.6  | 29.4   |

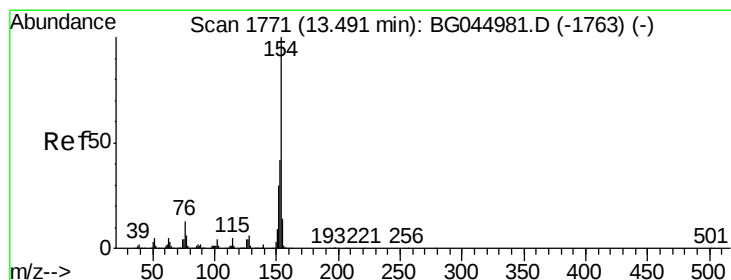
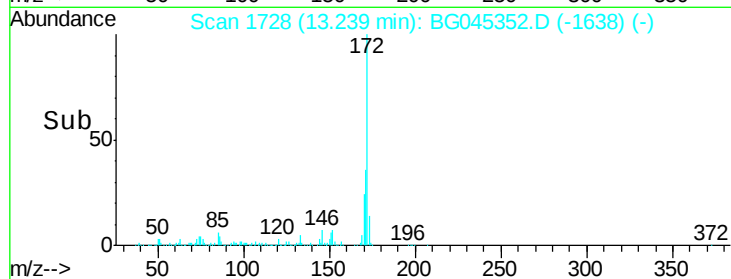
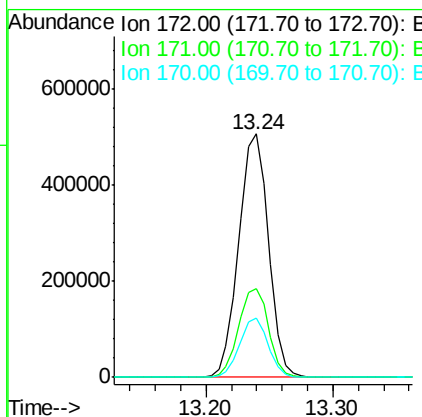
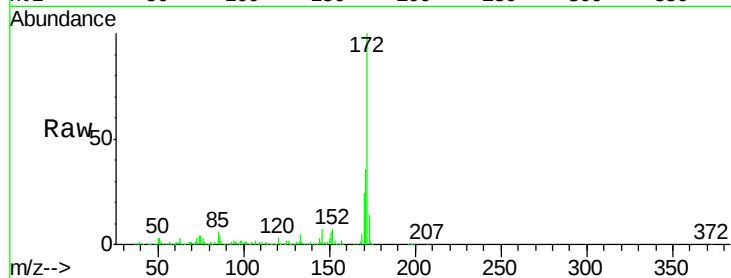




#45  
2-Fluorobiphenyl  
Concen: 67.973 ng  
RT: 13.24 min Scan# 1728  
Delta R.T. -0.00 min  
Lab File: BG045352.D  
Acq: 13 May 2020 7:43

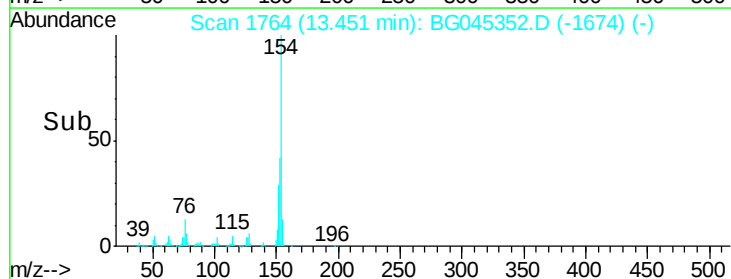
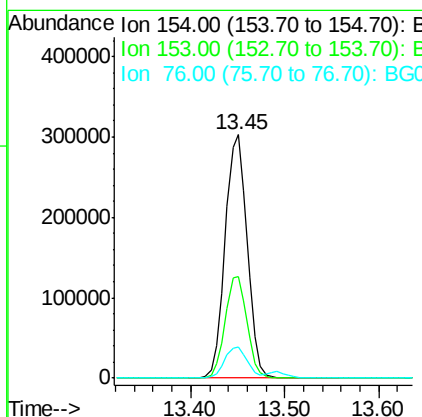
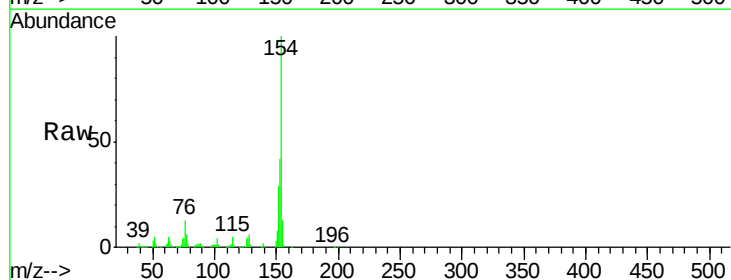
Instrument :  
BNA\_G  
ClientSampleId :

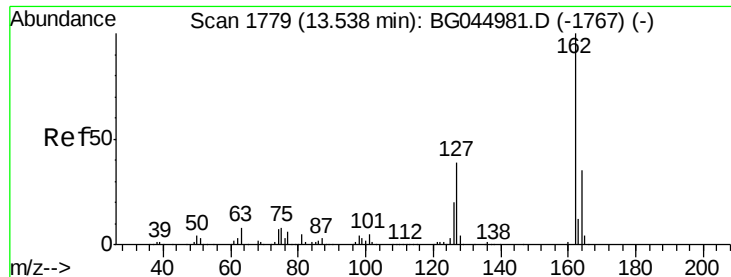
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.5  | 30.6  | 46.0  |
| 170     | 24.5  | 20.5  | 30.7  |



#46  
1,1'-Biphenyl  
Concen: 36.515 ng  
RT: 13.45 min Scan# 1764  
Delta R.T. -0.00 min  
Lab File: BG045352.D  
Acq: 13 May 2020 7:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.6  | 21.9  | 61.9  |
| 76      | 12.7  | 0.0   | 33.1  |

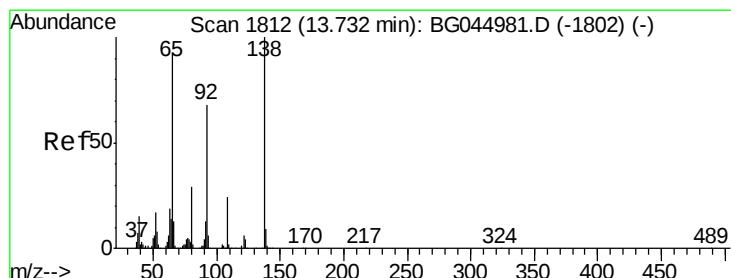
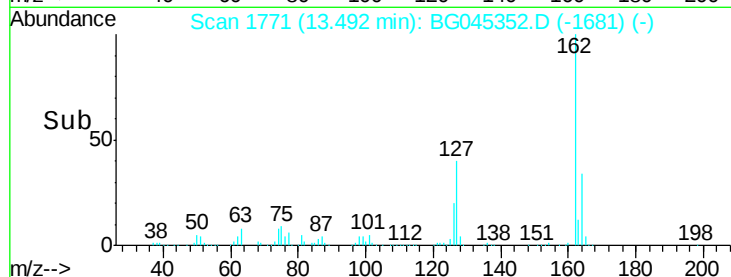
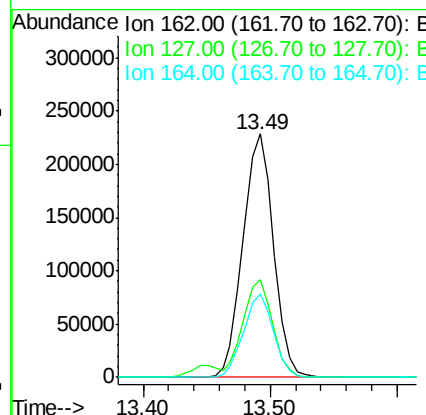
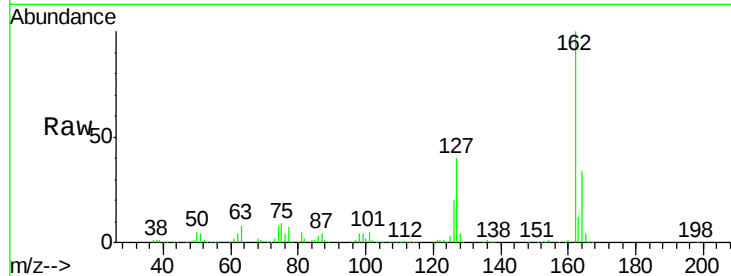




#47  
 2-Chloronaphthalene  
 Concen: 36.963 ng  
 RT: 13.49 min Scan# 1771  
 Delta R.T. -0.00 min  
 Lab File: BG045352.D  
 Acq: 13 May 2020 7:43

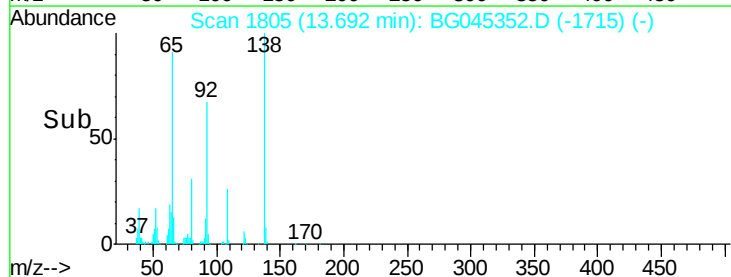
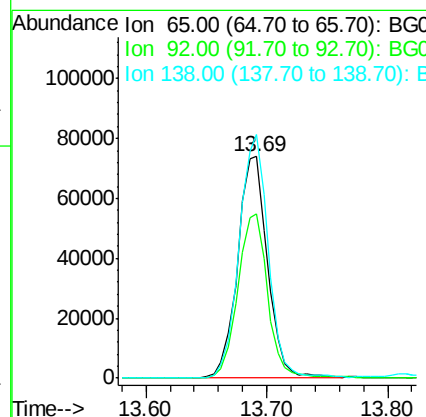
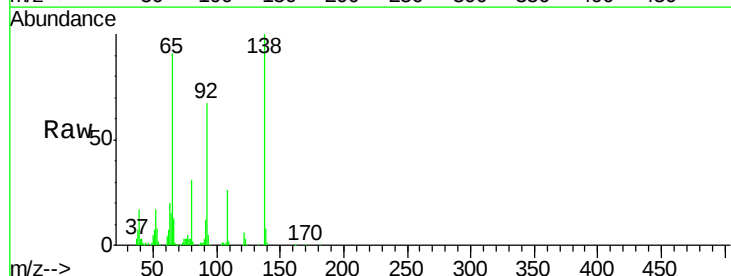
Instrument :  
 BNA\_G  
 ClientSampleId :

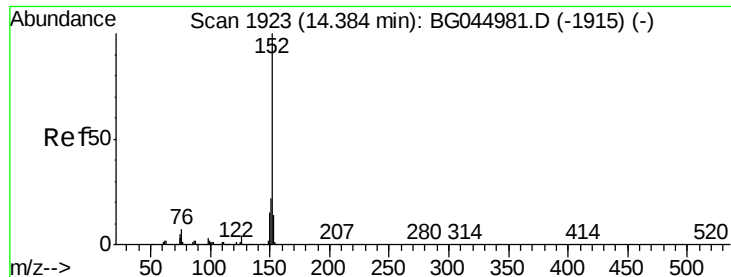
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 40.1  | 31.3  | 46.9  |
| 164     | 34.4  | 27.8  | 41.8  |



#48  
 2-Nitroaniline  
 Concen: 37.553 ng  
 RT: 13.69 min Scan# 1805  
 Delta R.T. -0.00 min  
 Lab File: BG045352.D  
 Acq: 13 May 2020 7:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 74.1  | 58.3  | 87.5  |
| 138     | 109.9 | 85.6  | 128.4 |





#49

Acenaphthylene

Concen: 38.833 ng

RT: 14.34 min Scan# 1915

Delta R.T. -0.00 min

Lab File: BG045352.D

Acq: 13 May 2020 7:43

Instrument :

BNA\_G

ClientSampleId :

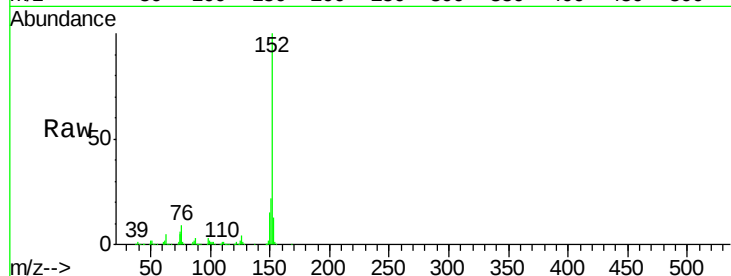
Tot Ion:152 Resp: 653539

Ion Ratio Lower Upper

152 100

151 21.7 17.2 25.8

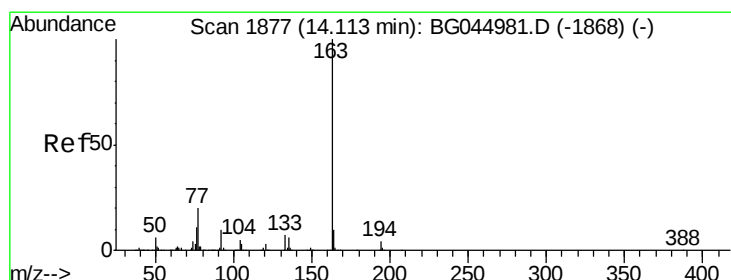
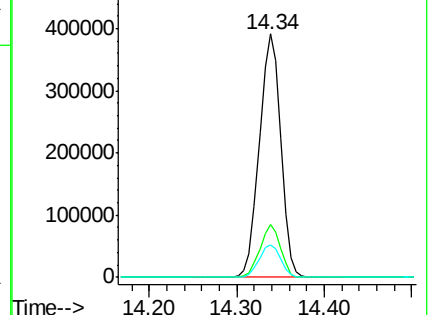
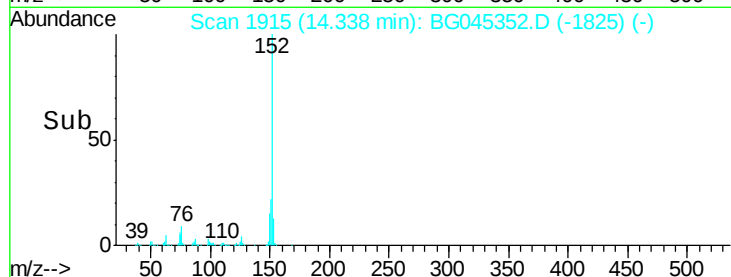
153 13.3 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.813 ng

RT: 14.07 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BG045352.D

Acq: 13 May 2020 7:43

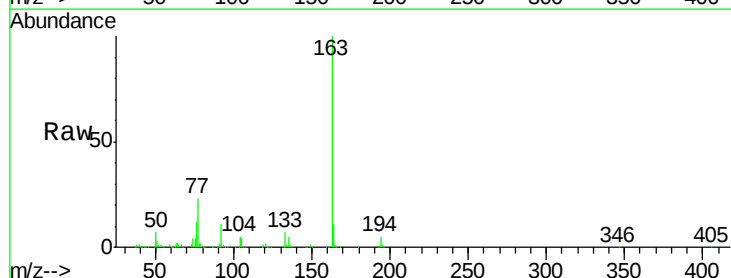
Tgt Ion:163 Resp: 663624

Ion Ratio Lower Upper

163 100

194 4.7 3.5 5.3

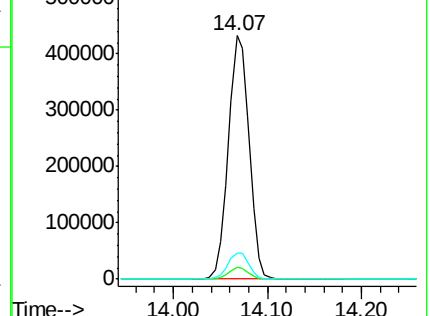
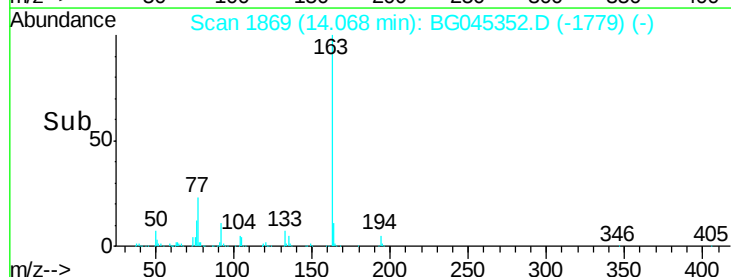
164 10.7 8.2 12.4

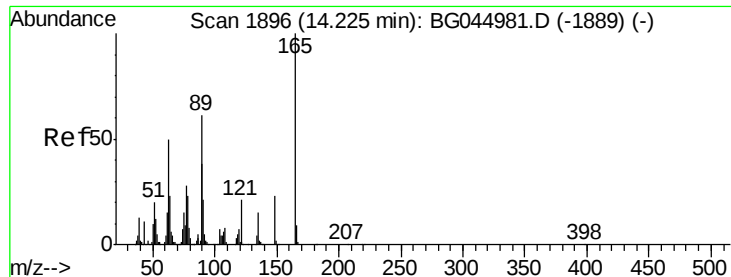


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

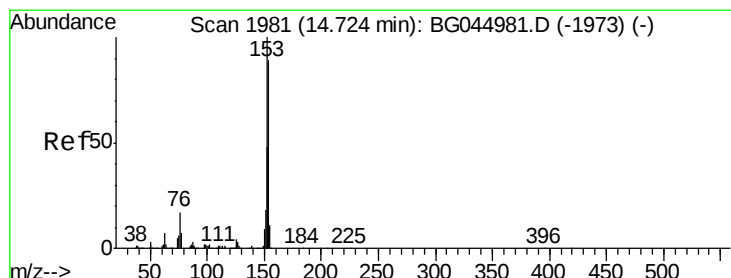
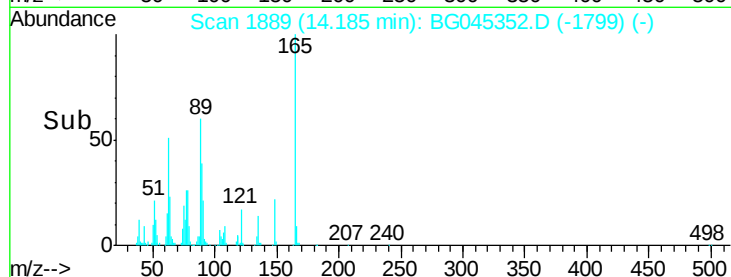
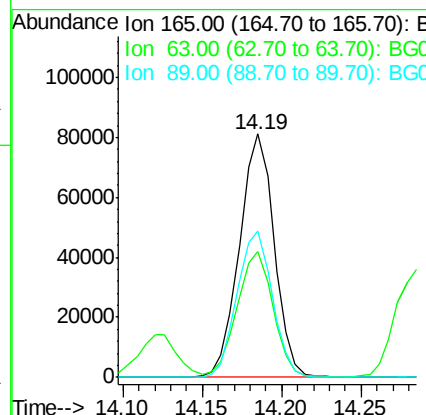
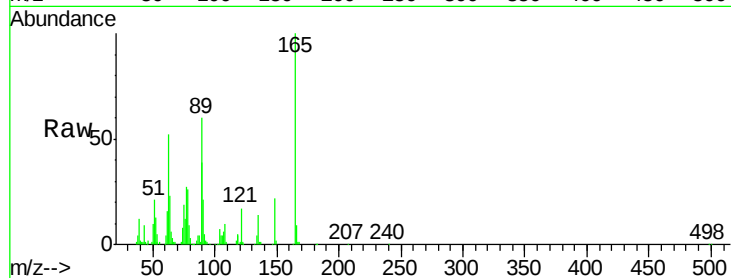




#51  
 2,6-Dinitrotoluene  
 Concen: 38.032 ng  
 RT: 14.19 min Scan# 1889  
 Delta R.T. -0.00 min  
 Lab File: BG045352.D  
 Acq: 13 May 2020 7:43

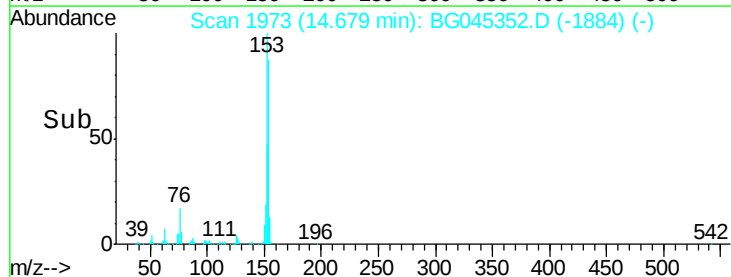
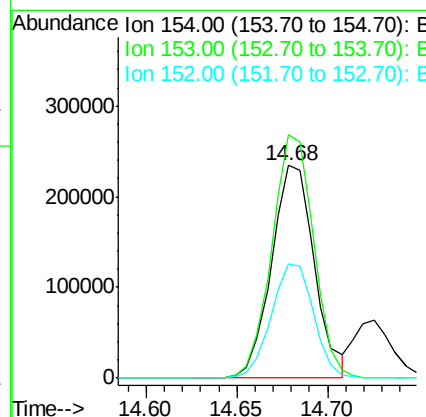
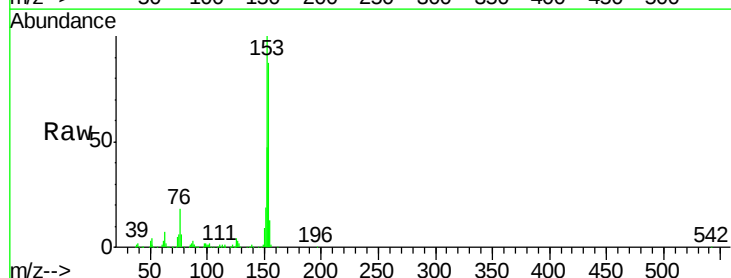
Instrument :  
 BNA\_G  
 ClientSampleId :

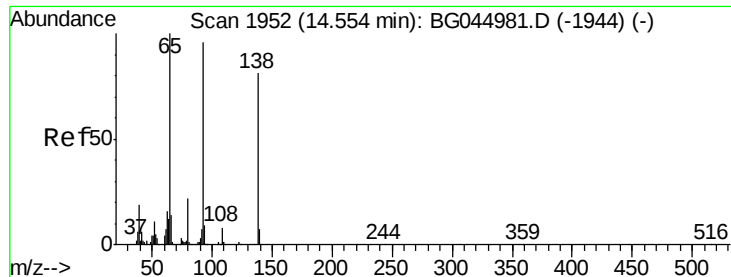
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 51.9  | 40.4  | 60.6  |
| 89      | 60.0  | 49.1  | 73.7  |



#52  
 Acenaphthene  
 Concen: 33.807 ng  
 RT: 14.68 min Scan# 1973  
 Delta R.T. -0.01 min  
 Lab File: BG045352.D  
 Acq: 13 May 2020 7:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 114.5 | 89.7  | 134.5 |
| 152     | 53.6  | 43.1  | 64.7  |

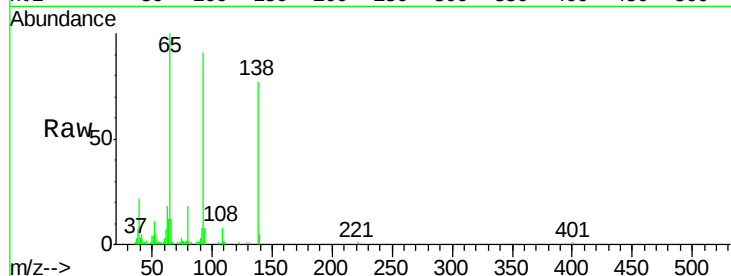




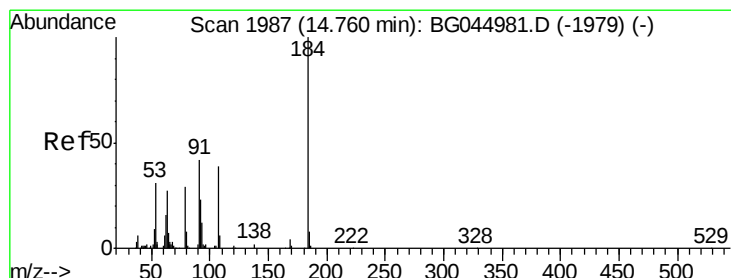
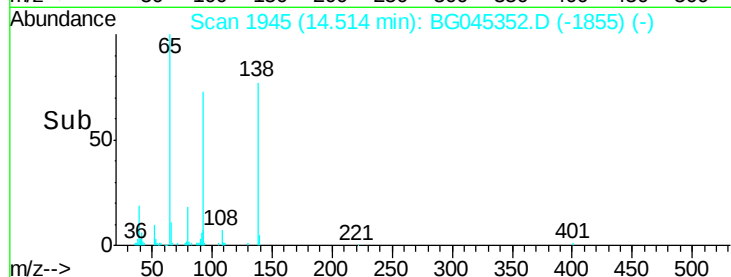
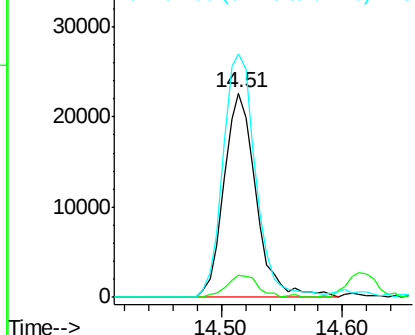
#53  
3-Nitroaniline  
Concen: 11.728 ng  
RT: 14.51 min Scan# 1945  
Delta R.T. -0.00 min  
Lab File: BG045352.D  
Acq: 13 May 2020 7:43

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:138 Resp: 41676  
Ion Ratio Lower Upper  
138 100  
108 11.0 7.8 11.8  
92 119.3 94.5 141.7

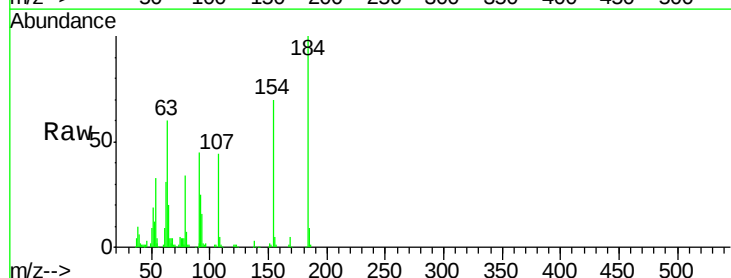


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): B

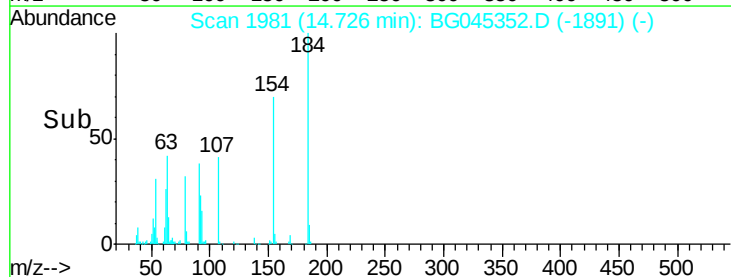
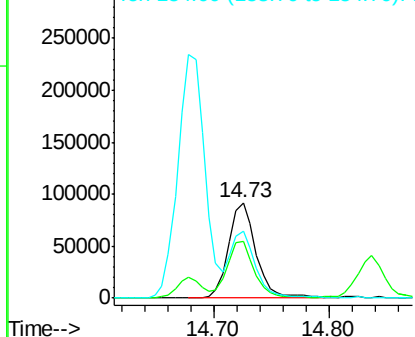


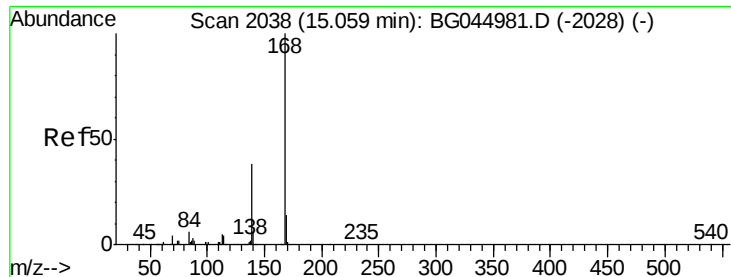
#54  
2,4-Dinitrophenol  
Concen: 78.994 ng  
RT: 14.73 min Scan# 1981  
Delta R.T. -0.00 min  
Lab File: BG045352.D  
Acq: 13 May 2020 7:43

Tgt Ion:184 Resp: 152191  
Ion Ratio Lower Upper  
184 100  
63 60.2 41.5 62.3  
154 69.8 52.3 78.5



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

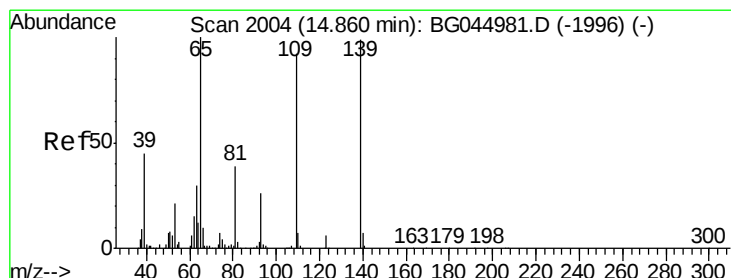
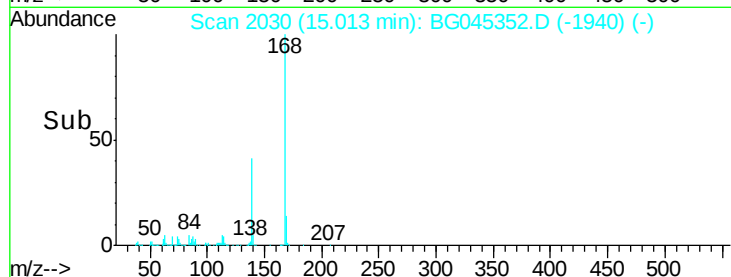
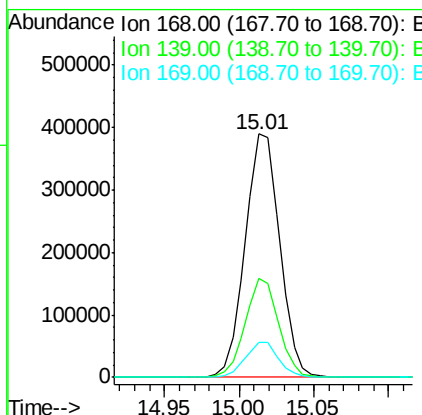
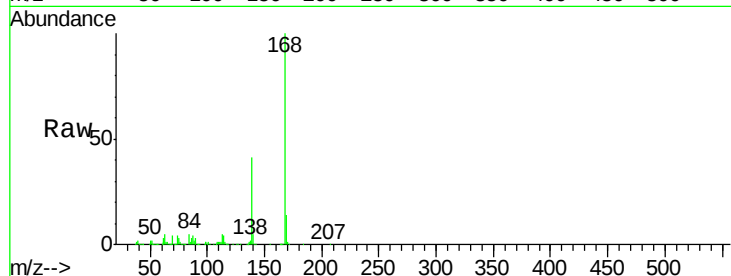




#55  
Dibenzenofuran  
Concen: 37.582 ng  
RT: 15.01 min Scan# 2030  
Delta R.T. -0.00 min  
Lab File: BG045352.D  
Acq: 13 May 2020 7:43

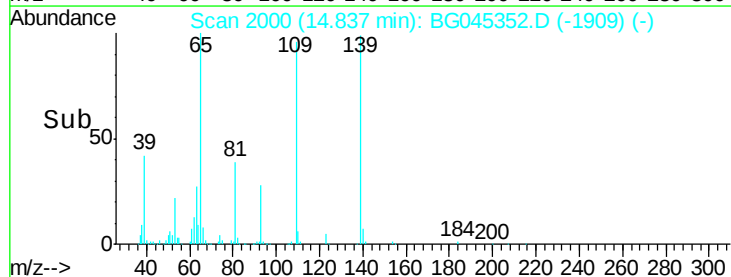
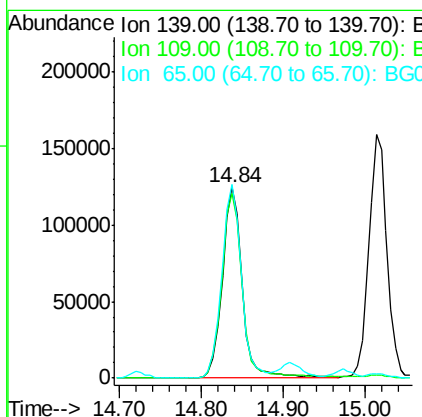
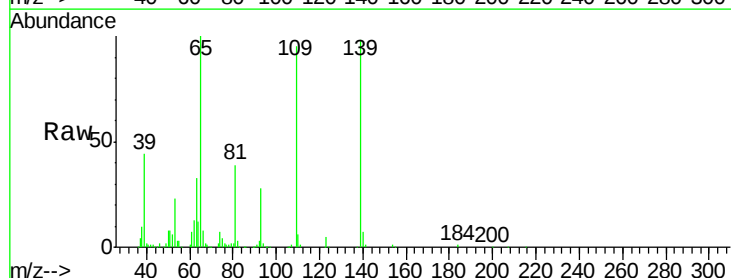
Instrument :  
BNA\_G  
ClientSampled :

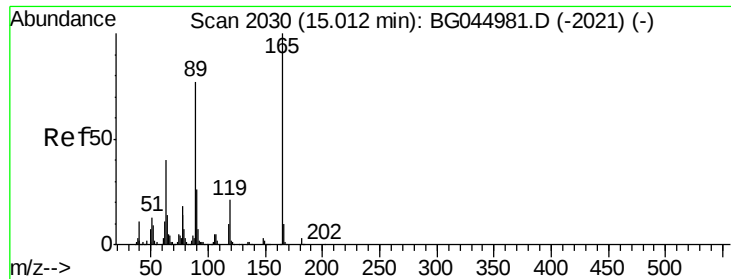
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 40.8  | 30.4  | 45.6  |
| 169     | 14.3  | 11.0  | 16.4  |



#56  
4-Nitrophenol  
Concen: 76.633 ng  
RT: 14.84 min Scan# 2000  
Delta R.T. 0.00 min  
Lab File: BG045352.D  
Acq: 13 May 2020 7:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 96.8  | 73.6  | 113.6 |
| 65      | 101.7 | 81.2  | 121.2 |

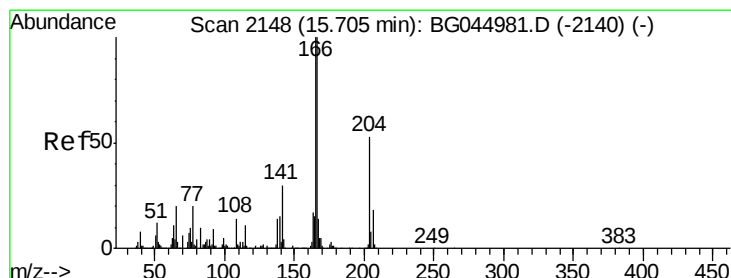
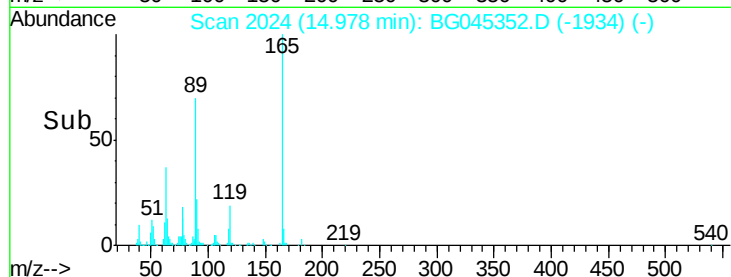
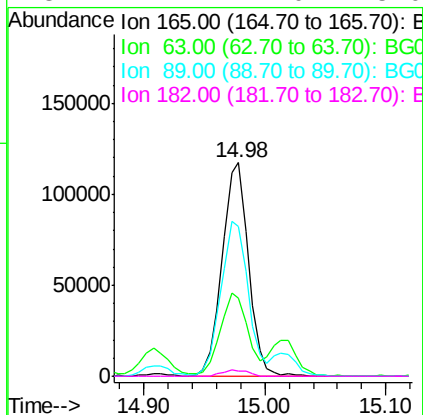
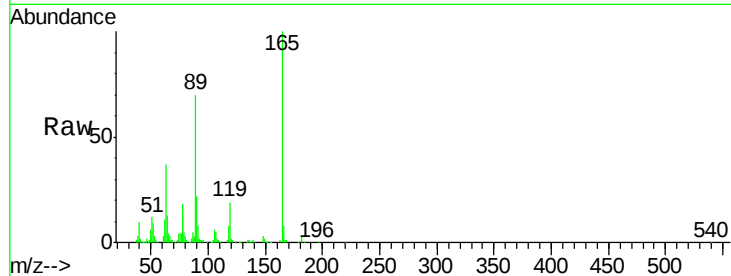




#57  
 2,4-Dinitrotoluene  
 Concen: 37.454 ng  
 RT: 14.98 min Scan# 2024  
 Delta R.T. -0.00 min  
 Lab File: BG045352.D  
 Acq: 13 May 2020 7:43

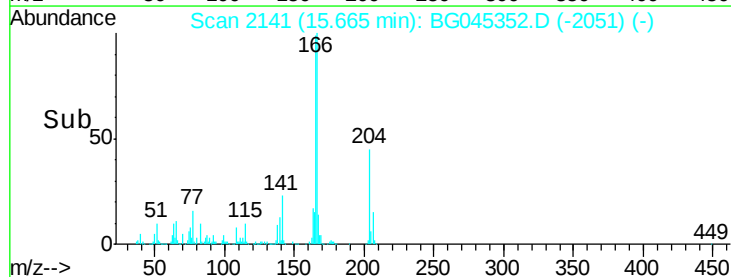
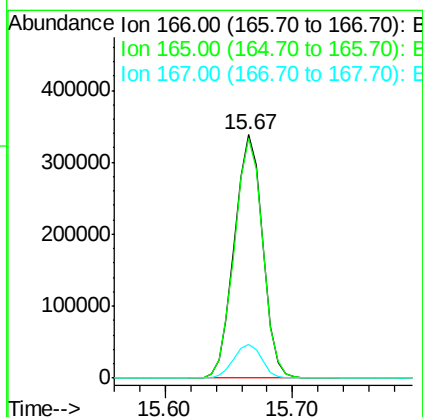
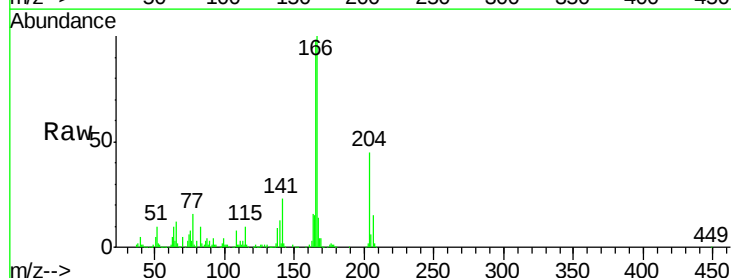
Instrument :  
 BNA\_G  
 ClientSampleId :

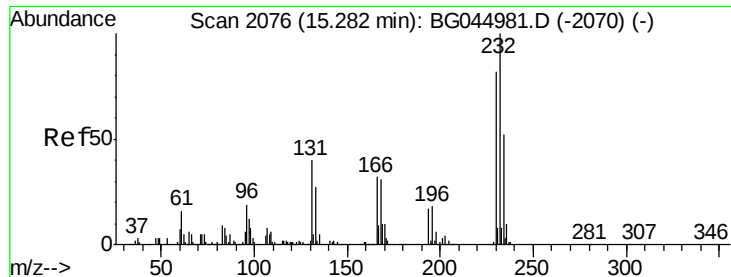
|             |       |           |
|-------------|-------|-----------|
| Tot Ion:165 | Resp: | 177342    |
| Ion Ratio   | Lower | Upper     |
| 165         | 100   |           |
| 63          | 36.9  | 32.2 48.2 |
| 89          | 70.2  | 61.7 92.5 |
| 182         | 2.7   | 2.0 3.0   |



#58  
 Fluorene  
 Concen: 38.312 ng  
 RT: 15.67 min Scan# 2141  
 Delta R.T. -0.00 min  
 Lab File: BG045352.D  
 Acq: 13 May 2020 7:43

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:166 | Resp: | 519507     |
| Ion Ratio   | Lower | Upper      |
| 166         | 100   |            |
| 165         | 98.3  | 79.9 119.9 |
| 167         | 13.6  | 11.4 17.0  |





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.823 ng

RT: 15.25 min Scan# 2070

Delta R.T. -0.00 min

Lab File: BG045352.D

Acq: 13 May 2020 7:43

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:232 Resp: 163051

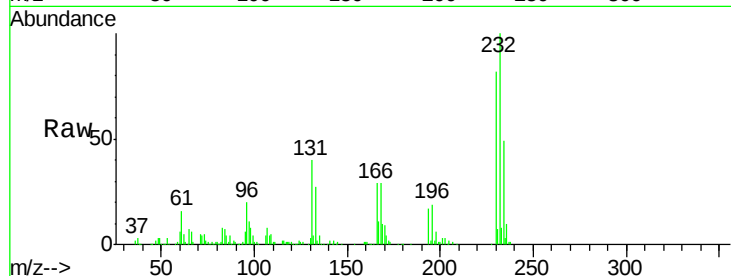
Ion Ratio Lower Upper

232 100

131 42.6 32.2 48.2

130 2.5 2.2 3.2

166 29.5 24.2 36.4

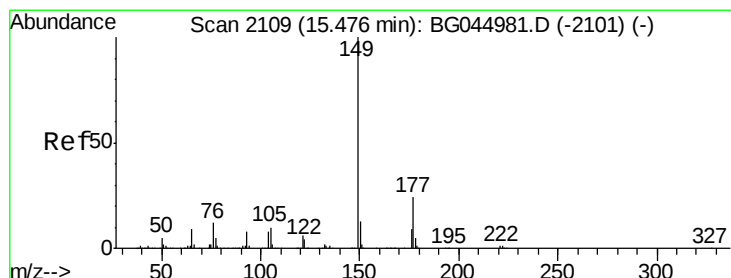
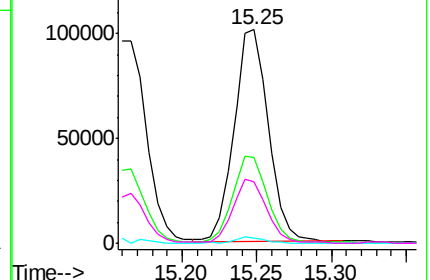
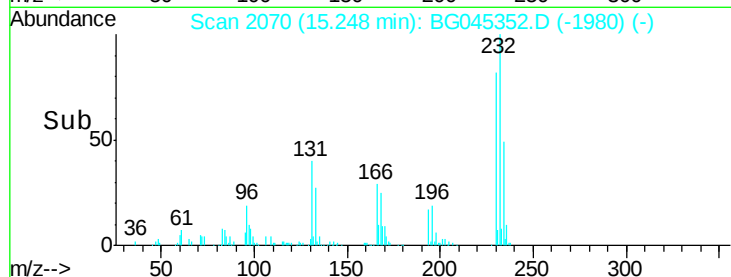


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 37.069 ng

RT: 15.44 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BG045352.D

Acq: 13 May 2020 7:43

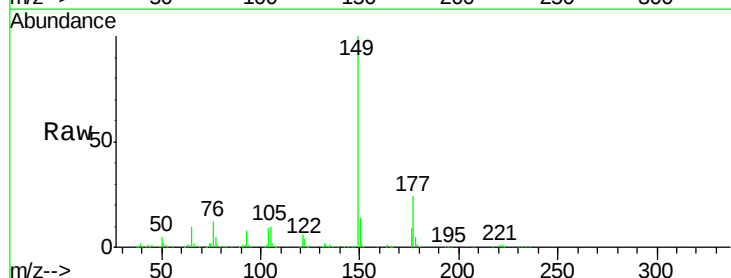
Tgt Ion:149 Resp: 559835

Ion Ratio Lower Upper

149 100

177 24.1 18.9 28.3

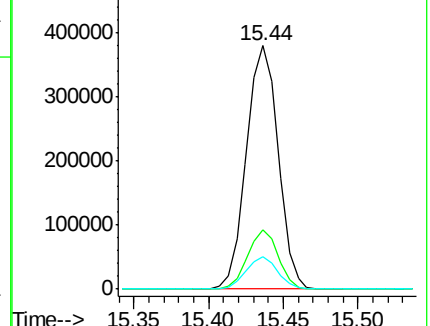
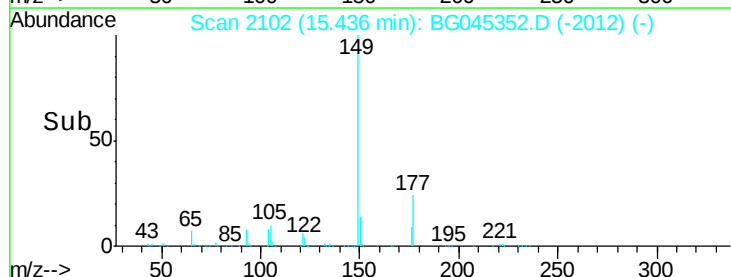
150 13.5 10.6 15.8

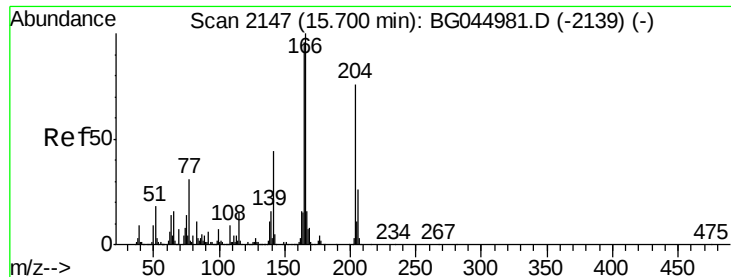


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

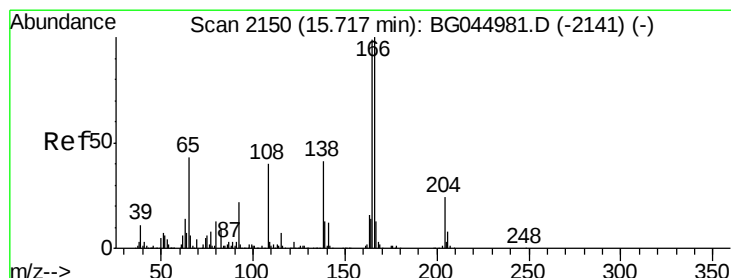
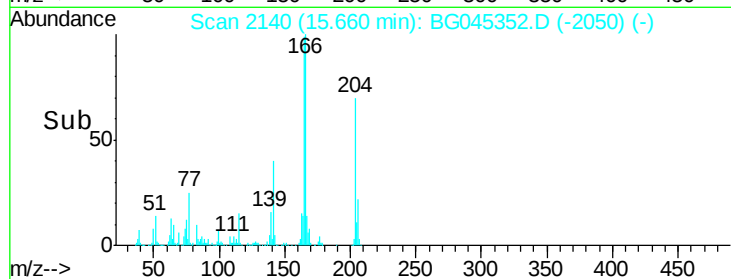
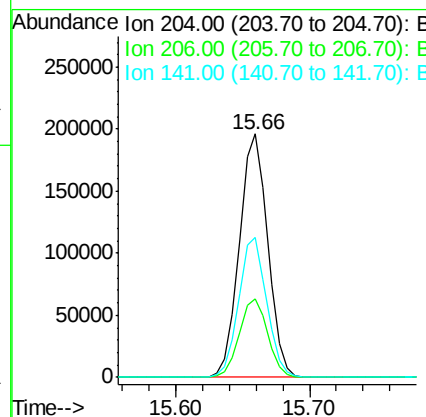
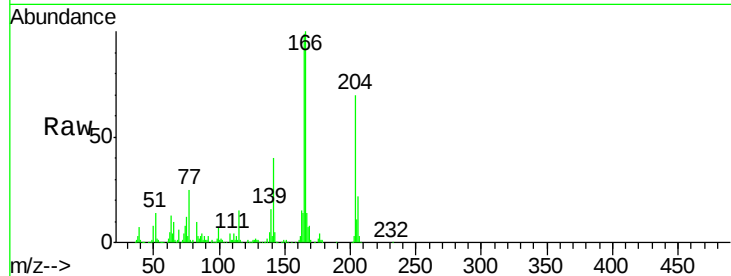




#61  
 4-Chlorophenyl-phenylether  
 Concen: 37.035 ng  
 RT: 15.66 min Scan# 2140  
 Delta R.T. -0.00 min  
 Lab File: BG045352.D  
 Acq: 13 May 2020 7:43

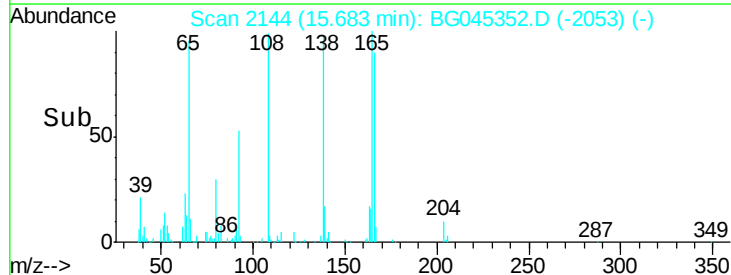
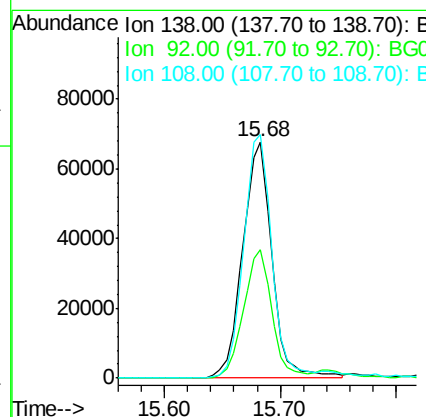
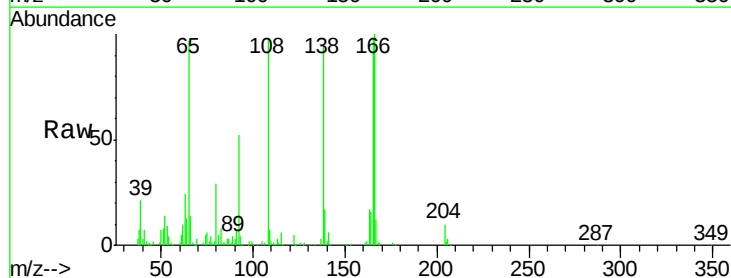
Instrument :  
 BNA\_G  
 ClientSampled :

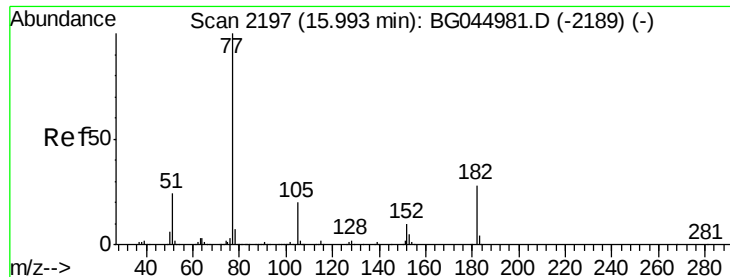
Tot Ion:204 Resp: 289054  
 Ion Ratio Lower Upper  
 204 100  
 206 32.1 26.9 40.3  
 141 57.4 46.3 69.5



#62  
 4-Nitroaniline  
 Concen: 32.347 ng  
 RT: 15.68 min Scan# 2144  
 Delta R.T. 0.00 min  
 Lab File: BG045352.D  
 Acq: 13 May 2020 7:43

Tgt Ion:138 Resp: 119223  
 Ion Ratio Lower Upper  
 138 100  
 92 54.2 33.6 73.6  
 108 102.9 78.2 118.2





#63

Azobenzene

Concen: 38.127 ng

RT: 15.95 min Scan# 2190

Delta R.T. -0.00 min

Lab File: BG045352.D

Acq: 13 May 2020 7:43

Instrument :

BNA\_G

ClientSampled :

Tot Ion: 77 Resp: 530891

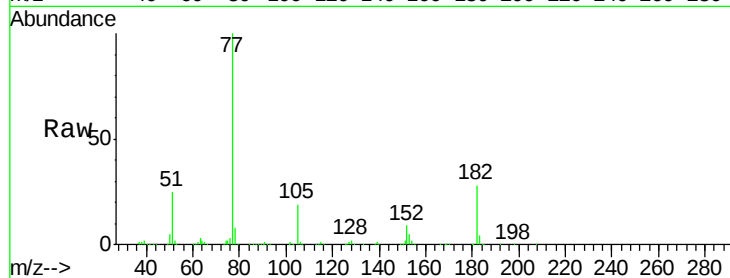
Ion Ratio Lower Upper

77 100

182 28.3 8.4 48.4

105 19.3 0.5 40.5

51 24.7 4.4 44.4

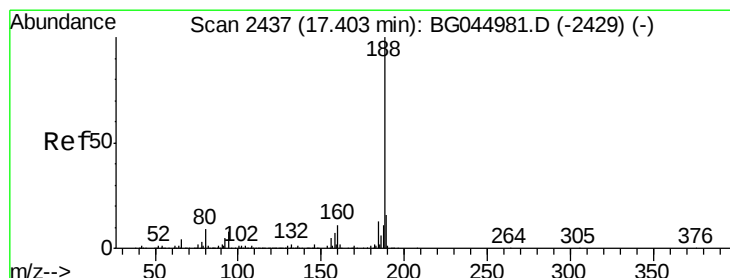
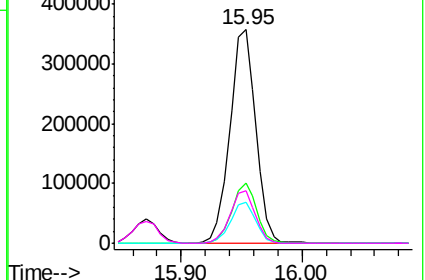
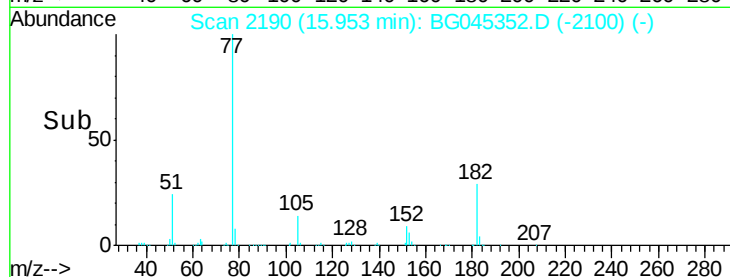


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.36 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG045352.D

Acq: 13 May 2020 7:43

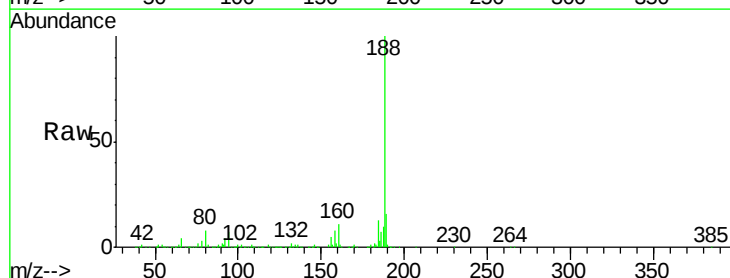
Tgt Ion: 188 Resp: 440546

Ion Ratio Lower Upper

188 100

94 7.3 6.2 9.4

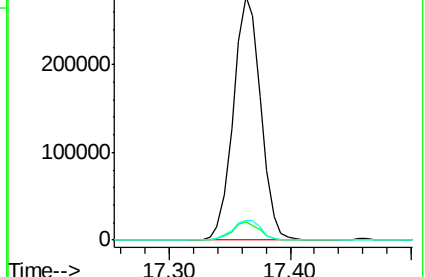
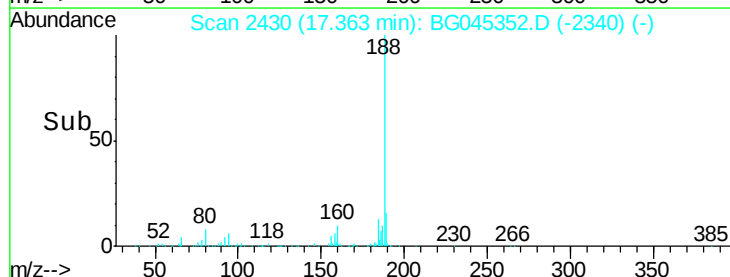
80 8.3 7.0 10.6

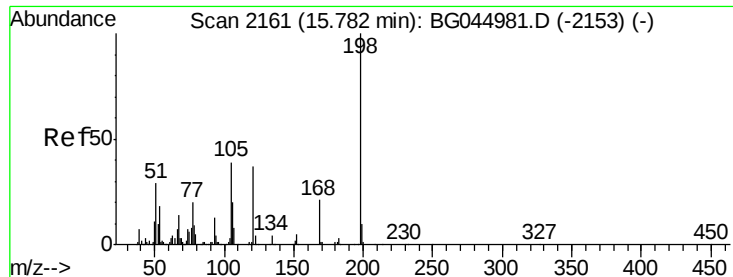


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 40.429 ng

RT: 15.74 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BG045352.D

Acq: 13 May 2020 7:43

Instrument :

BNA\_G

ClientSampleId :

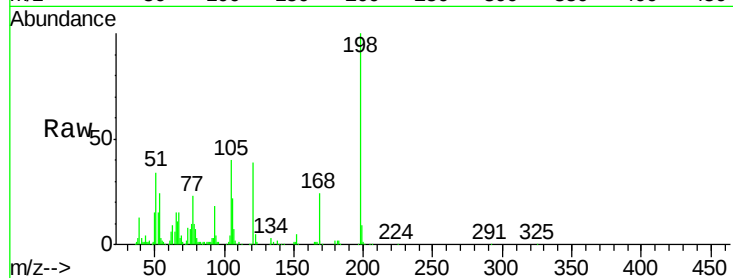
Tot Ion:198 Resp: 117072

Ion Ratio Lower Upper

198 100

51 33.6 10.0 50.0

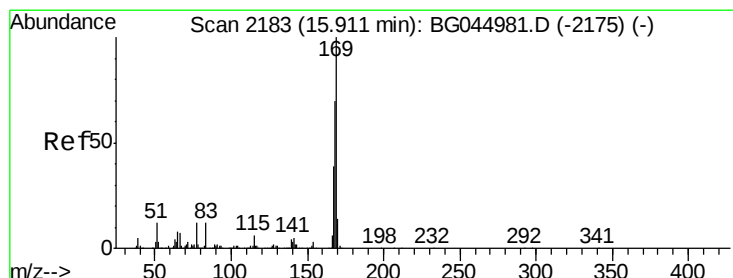
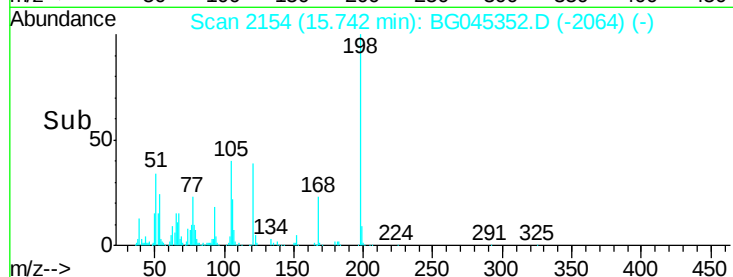
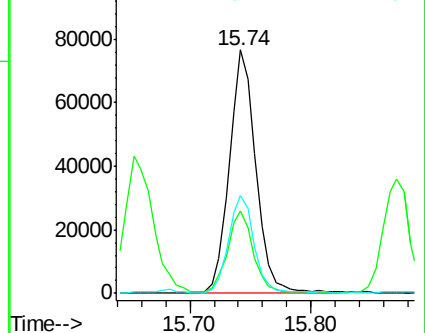
105 40.4 18.9 58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.583 ng

RT: 15.87 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BG045352.D

Acq: 13 May 2020 7:43

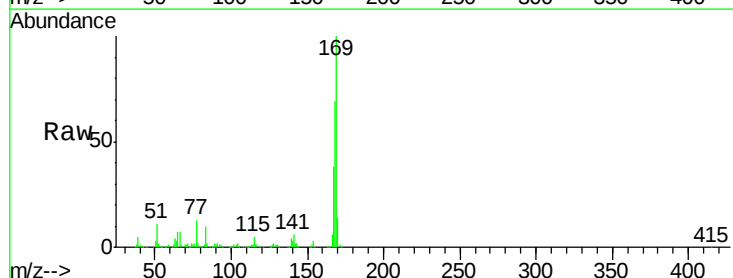
Tgt Ion:169 Resp: 475718

Ion Ratio Lower Upper

169 100

168 69.4 55.8 83.8

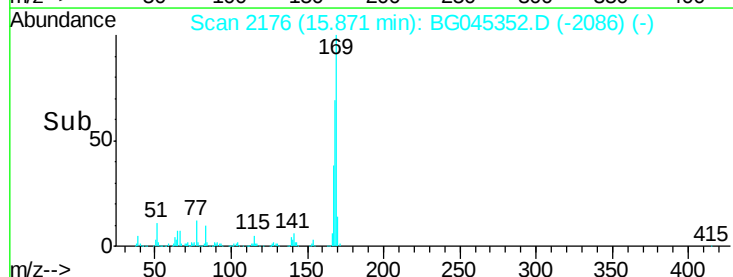
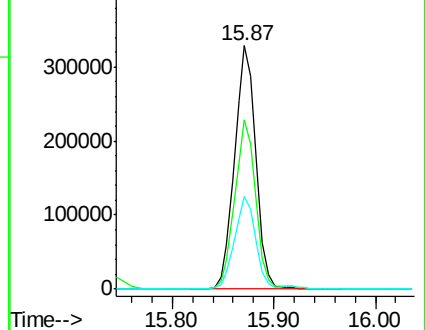
167 37.9 30.8 46.2

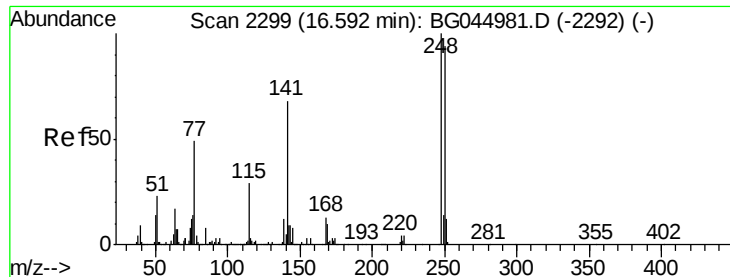


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

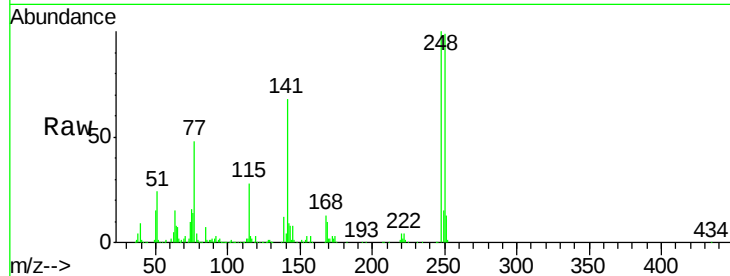




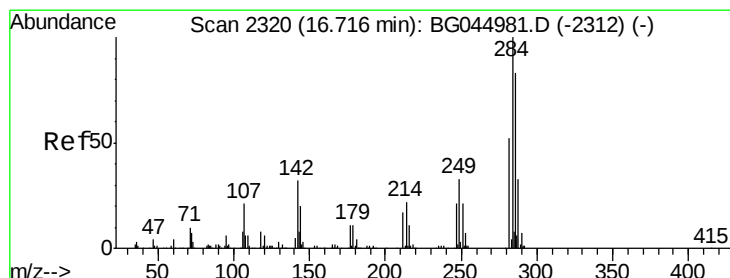
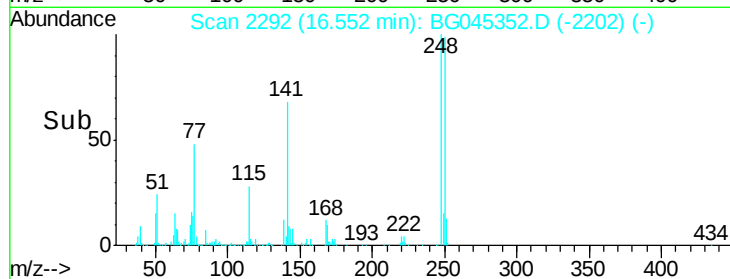
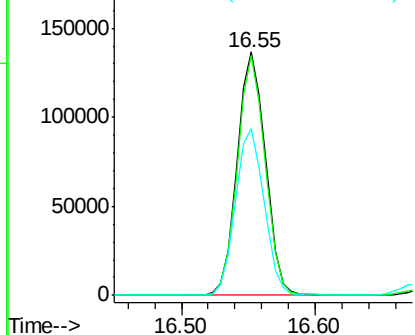
#67  
4-Bromophenyl-phenylether  
Concen: 35.185 ng  
RT: 16.55 min Scan# 2292  
Delta R.T. -0.00 min  
Lab File: BG045352.D  
Acq: 13 May 2020 7:43

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.6  | 75.4  | 113.2 |
| 141     | 68.3  | 54.4  | 81.6  |

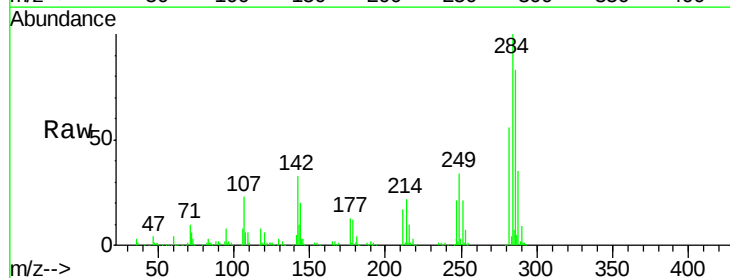


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

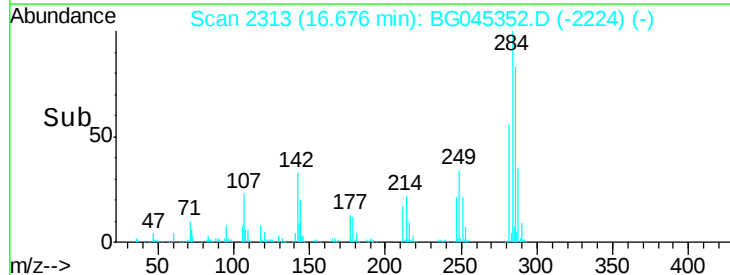
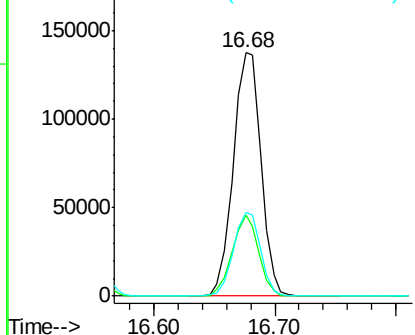


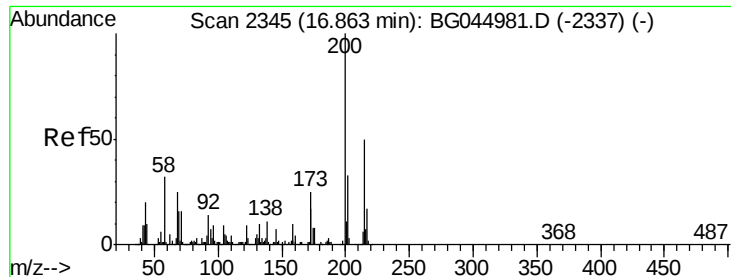
#68  
Hexachlorobenzene  
Concen: 37.251 ng  
RT: 16.68 min Scan# 2313  
Delta R.T. -0.01 min  
Lab File: BG045352.D  
Acq: 13 May 2020 7:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 33.4  | 25.8  | 38.6  |
| 249     | 34.4  | 26.6  | 39.8  |



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





#69

Atrazine

Concen: 39.513 ng

RT: 16.82 min Scan# 2338

Delta R.T. -0.00 min

Lab File: BG045352.D

Acq: 13 May 2020 7:43

Instrument :

BNA\_G

ClientSampleId :

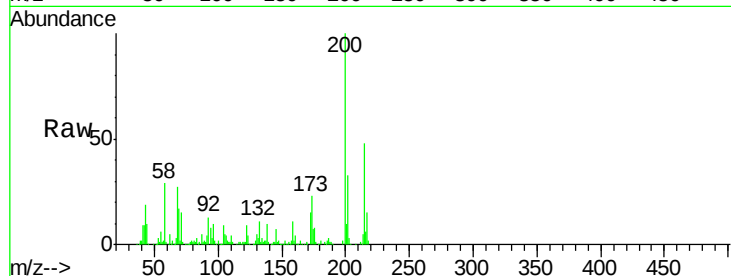
Tot Ion:200 Resp: 185109

Ion Ratio Lower Upper

200 100

173 23.4 4.5 44.5

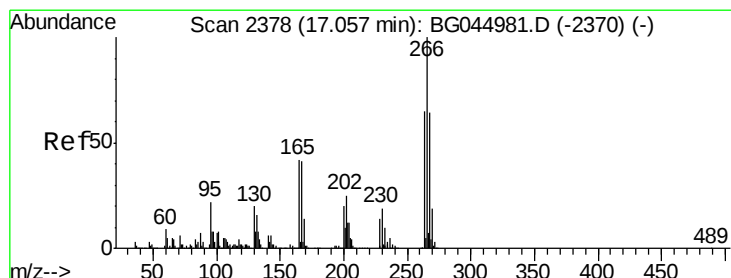
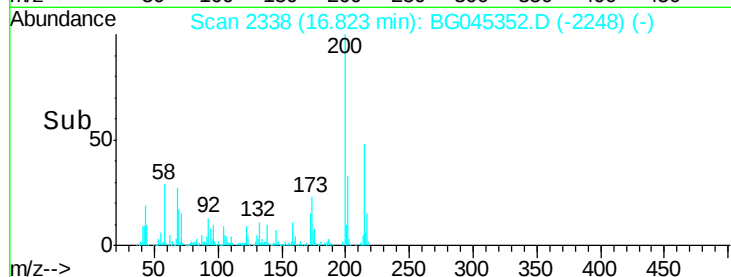
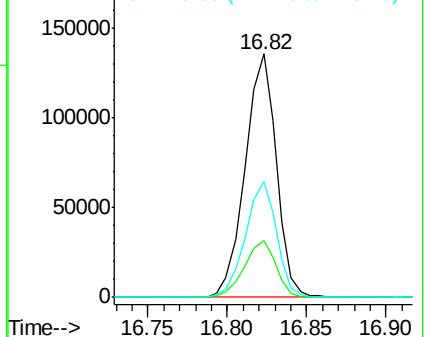
215 47.5 30.0 70.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 71.853 ng

RT: 17.02 min Scan# 2372

Delta R.T. -0.00 min

Lab File: BG045352.D

Acq: 13 May 2020 7:43

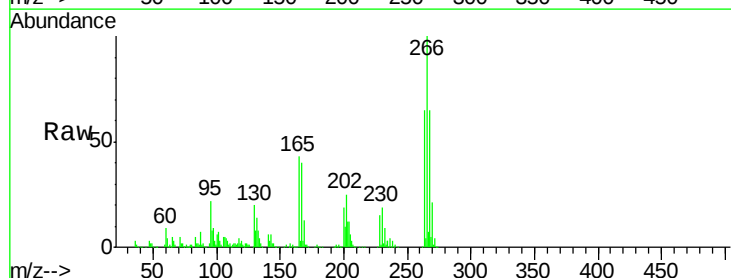
Tgt Ion:266 Resp: 259819

Ion Ratio Lower Upper

266 100

268 65.3 51.5 77.3

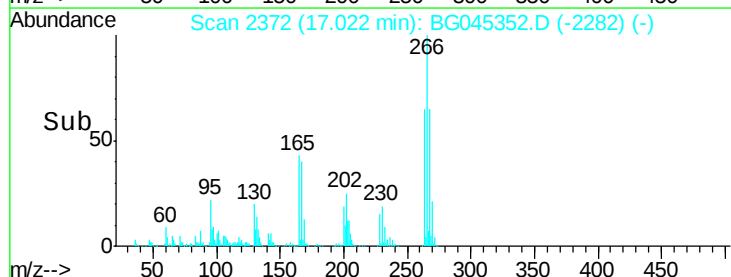
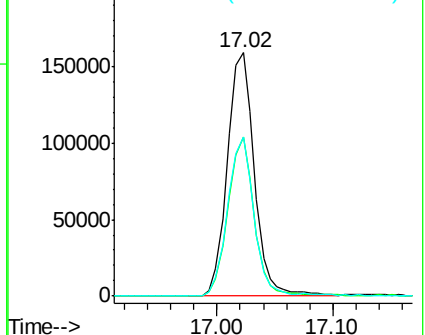
264 65.4 52.2 78.4

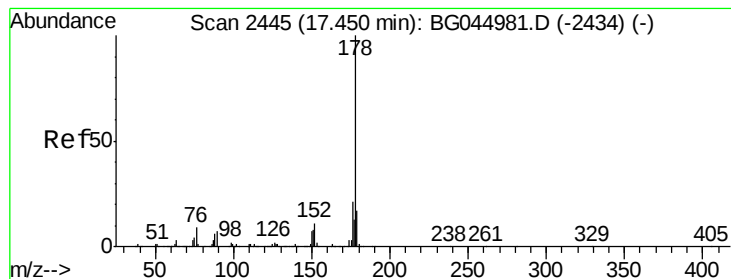


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.110 ng

RT: 17.40 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG045352.D

Acq: 13 May 2020 7:43

Instrument :

BNA\_G

ClientSampleId :

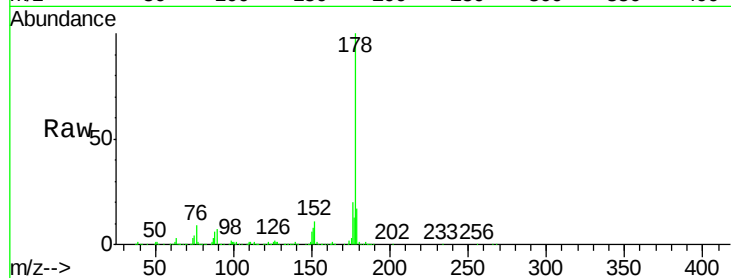
Tot Ion:178 Resp: 862753

Ion Ratio Lower Upper

178 100

176 20.2 16.8 25.2

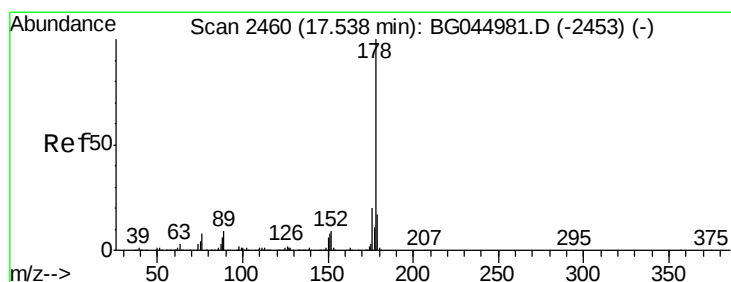
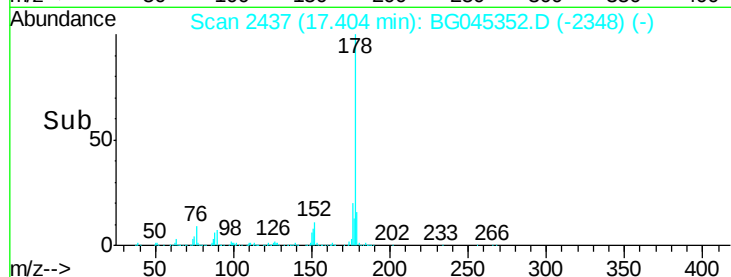
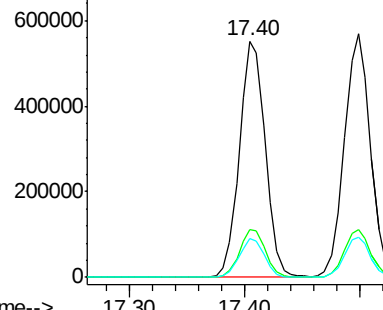
179 16.5 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.281 ng

RT: 17.50 min Scan# 2453

Delta R.T. -0.00 min

Lab File: BG045352.D

Acq: 13 May 2020 7:43

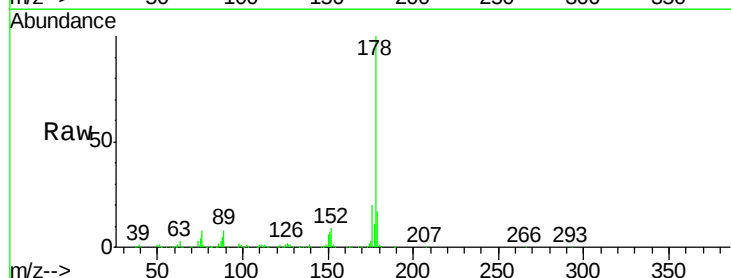
Tgt Ion:178 Resp: 892033

Ion Ratio Lower Upper

178 100

176 19.6 16.0 24.0

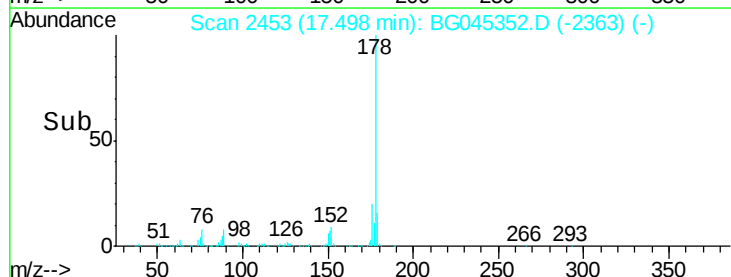
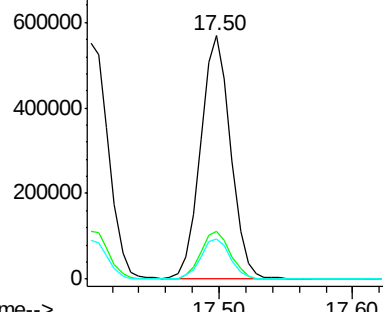
179 16.5 13.6 20.4

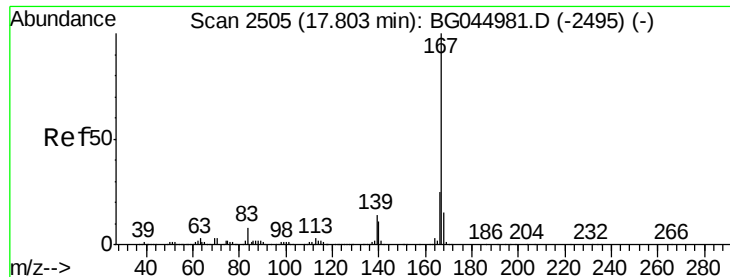


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

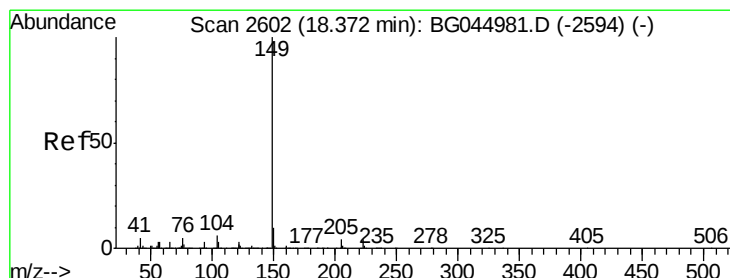
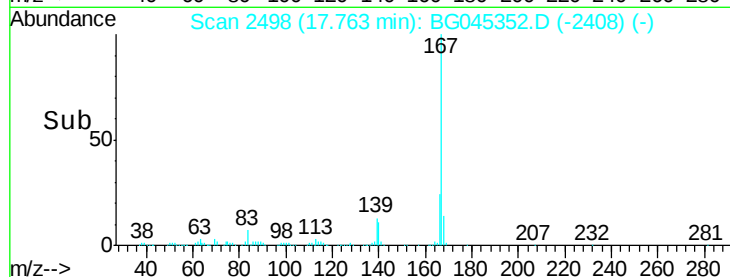
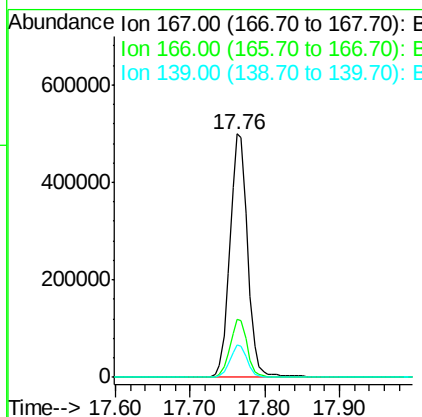
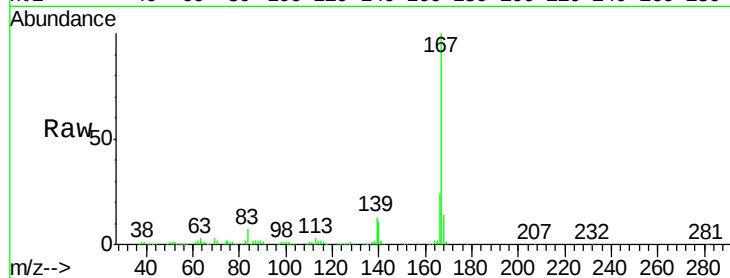




#73  
 Carbazole  
 Concen: 36.101 ng  
 RT: 17.76 min Scan# 2498  
 Delta R.T. -0.00 min  
 Lab File: BG045352.D  
 Acq: 13 May 2020 7:43

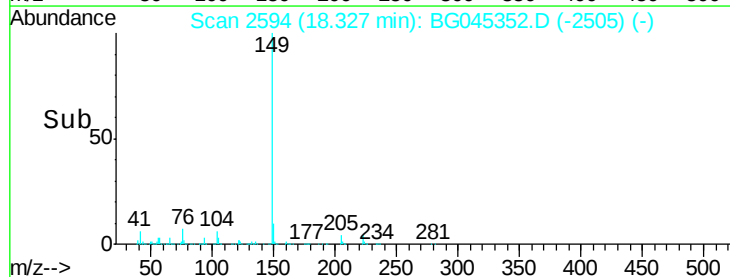
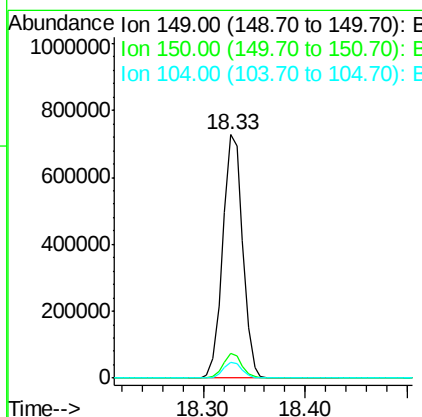
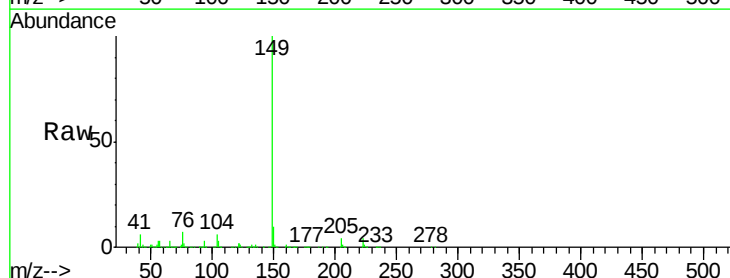
Instrument :  
 BNA\_G  
 ClientSampleId :

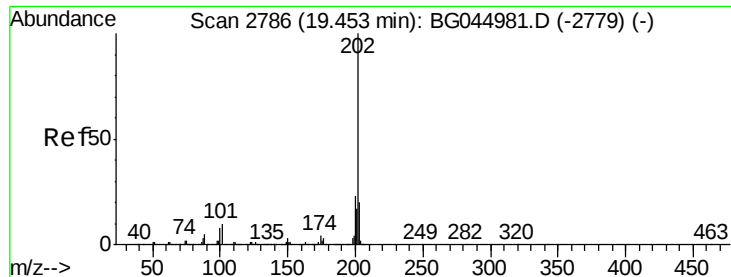
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 24.0  | 19.8  | 29.6  |
| 139     | 13.4  | 10.9  | 16.3  |



#74  
 Di-n-butylphthalate  
 Concen: 38.660 ng  
 RT: 18.33 min Scan# 2594  
 Delta R.T. -0.01 min  
 Lab File: BG045352.D  
 Acq: 13 May 2020 7:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.0  | 8.2   | 12.2  |
| 104     | 6.3   | 4.8   | 7.2   |

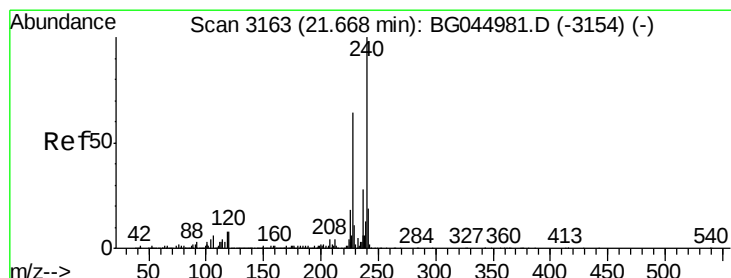
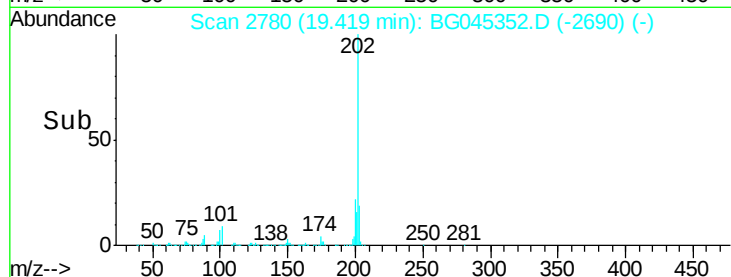
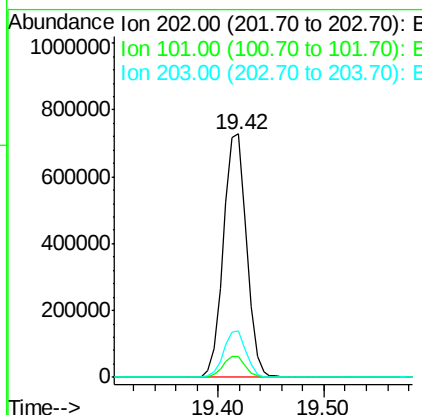
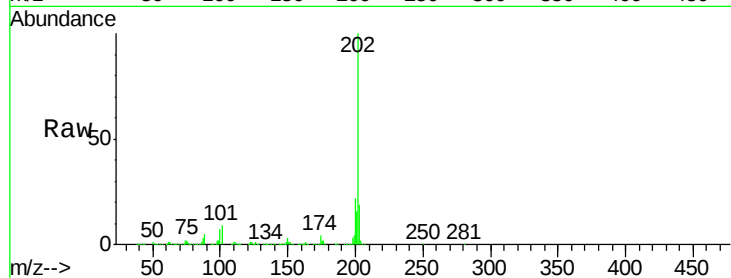




#75  
 Fluoranthene  
 Concen: 40.967 ng  
 RT: 19.42 min Scan# 2780  
 Delta R.T. -0.00 min  
 Lab File: BG045352.D  
 Acq: 13 May 2020 7:43

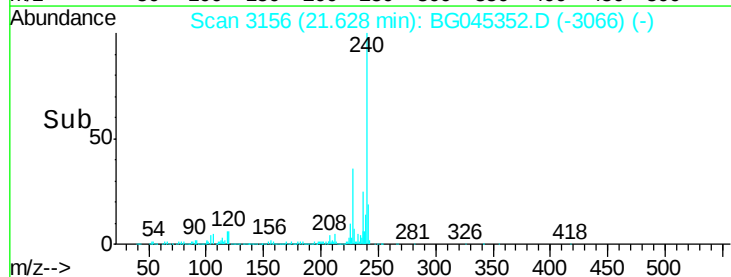
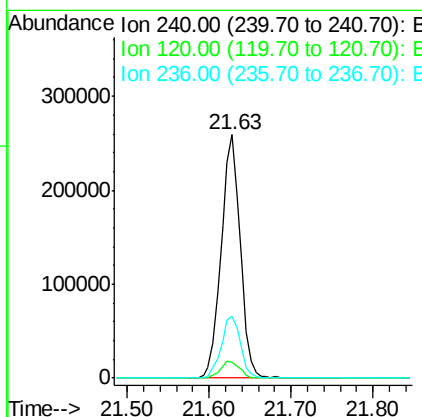
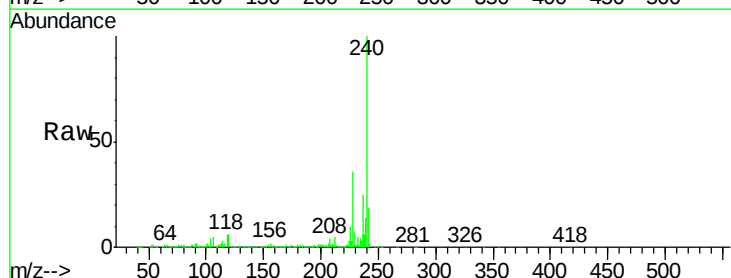
Instrument :  
 BNA\_G  
 ClientSampled :

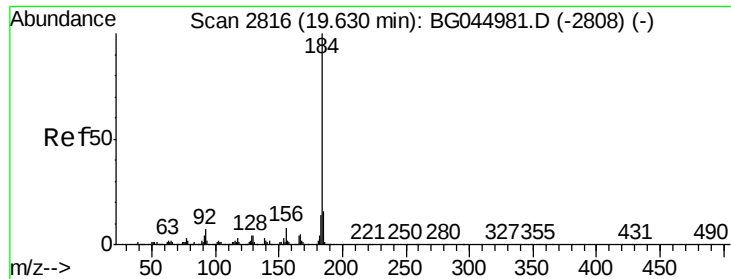
Tot Ion:202 Resp: 1104809  
 Ion Ratio Lower Upper  
 202 100  
 101 8.5 0.0 29.6  
 203 19.2 0.0 39.7



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.63 min Scan# 3156  
 Delta R.T. -0.00 min  
 Lab File: BG045352.D  
 Acq: 13 May 2020 7:43

Tgt Ion:240 Resp: 420514  
 Ion Ratio Lower Upper  
 240 100  
 120 6.5 6.6 10.0#  
 236 25.2 22.2 33.2





#77

Benzidine

Concen: 31.056 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BG045352.D

Acq: 13 May 2020 7:43

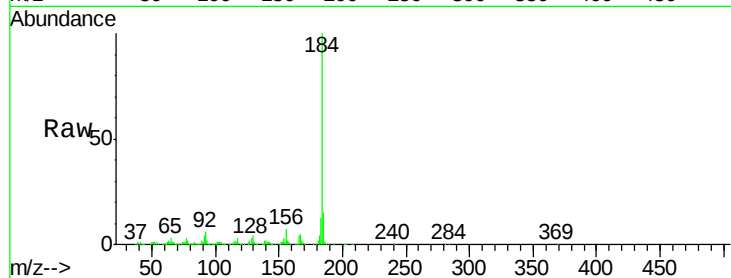
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:184 Resp: 400735

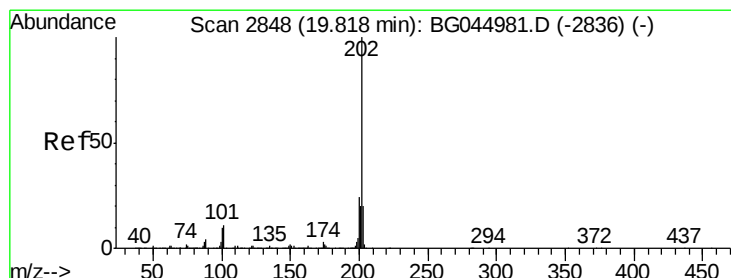
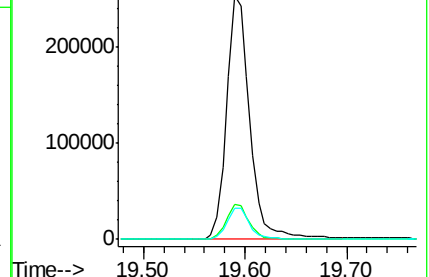
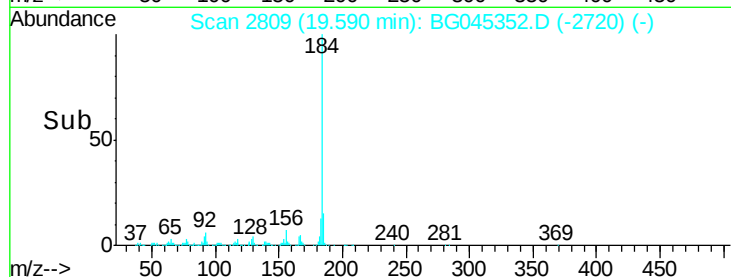
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 14.5  | 12.6  | 19.0  |
| 183 | 12.9  | 11.3  | 16.9  |



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.556 ng

RT: 19.78 min Scan# 2841

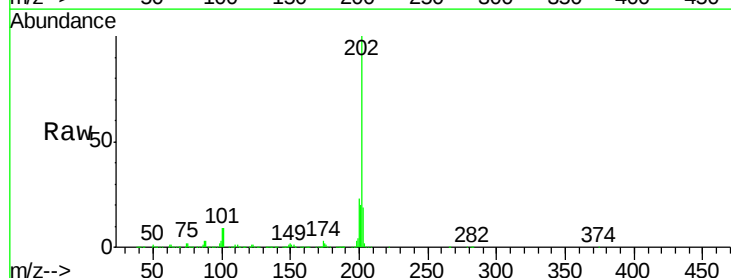
Delta R.T. -0.00 min

Lab File: BG045352.D

Acq: 13 May 2020 7:43

Tgt Ion:202 Resp: 1088756

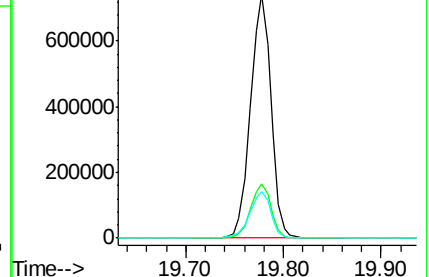
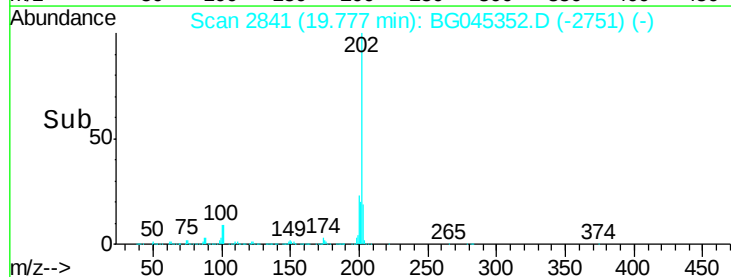
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 22.5  | 19.0  | 28.6  |
| 203 | 18.8  | 16.1  | 24.1  |

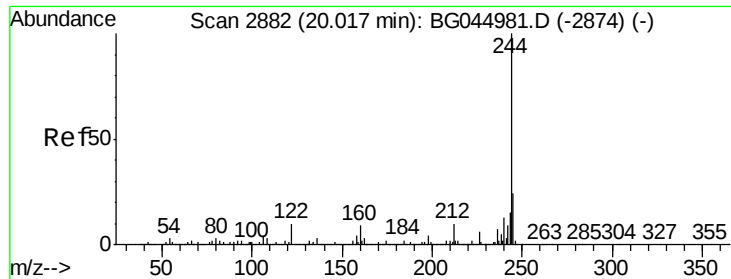


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.275 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG045352.D

Acq: 13 May 2020 7:43

Instrument :

BNA\_G

ClientSampled :

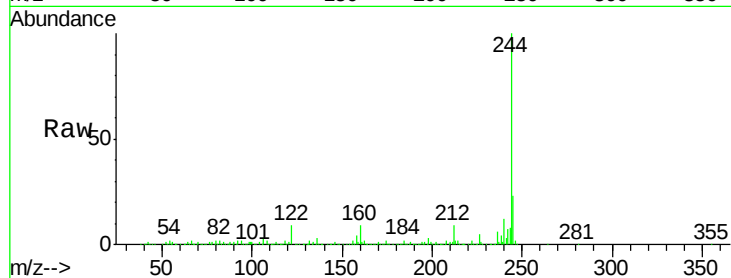
Tot Ion:244 Resp: 1529498

Ion Ratio Lower Upper

244 100

212 9.1 7.9 11.9

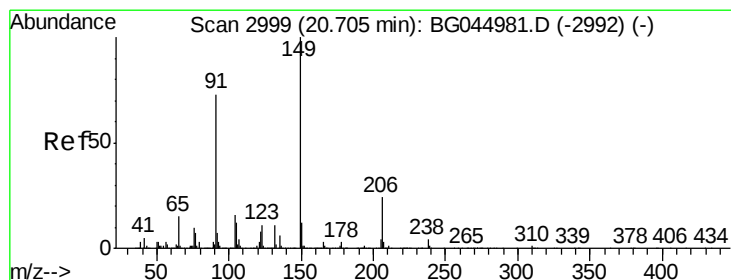
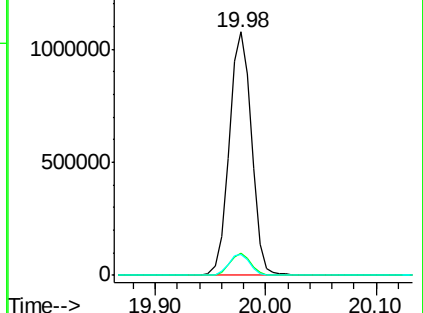
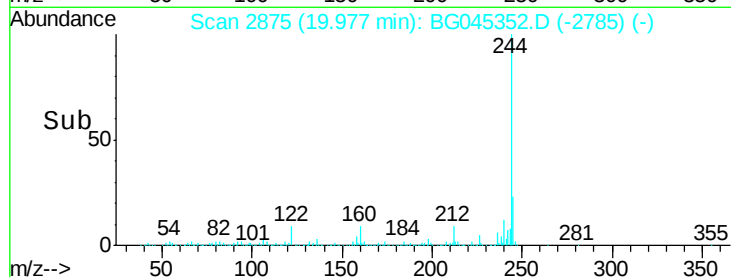
122 8.6 7.7 11.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.770 ng

RT: 20.66 min Scan# 2992

Delta R.T. -0.01 min

Lab File: BG045352.D

Acq: 13 May 2020 7:43

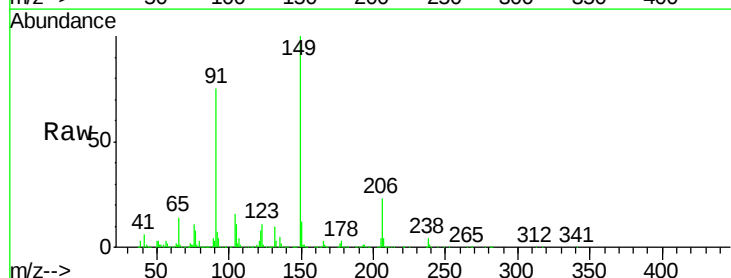
Tgt Ion:149 Resp: 453880

Ion Ratio Lower Upper

149 100

91 74.6 58.5 87.7

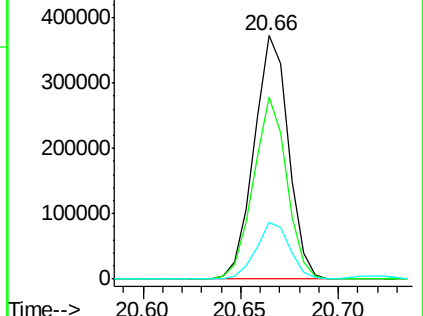
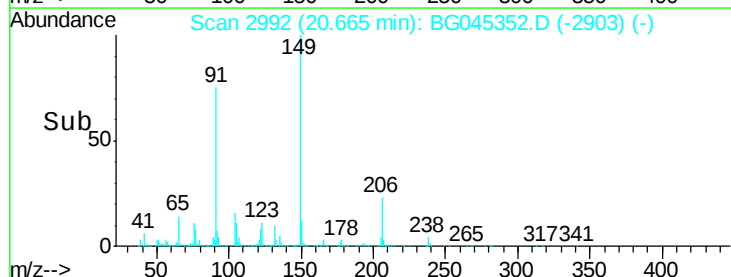
206 23.3 19.2 28.8

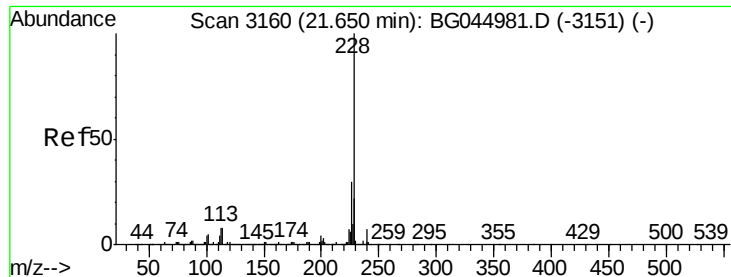


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.173 ng

RT: 21.60 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BG045352.D

Acq: 13 May 2020 7:43

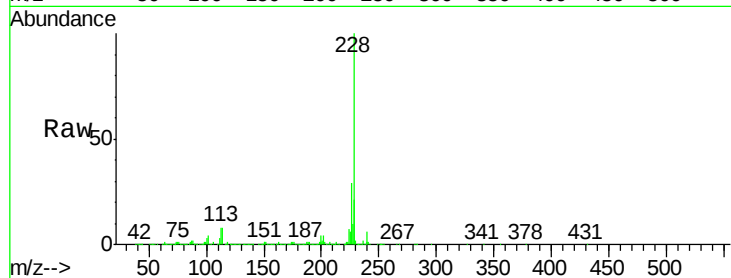
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:228 Resp: 1040413

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.3  | 24.0  | 36.0  |
| 229 | 21.1  | 17.5  | 26.3  |

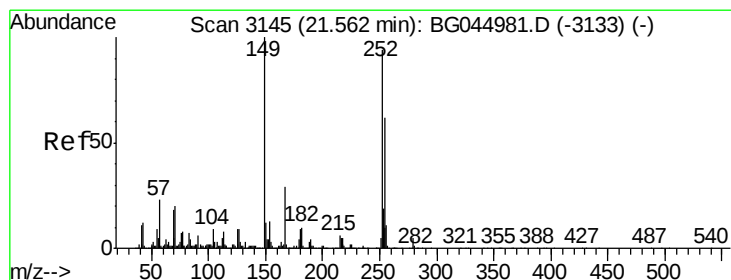
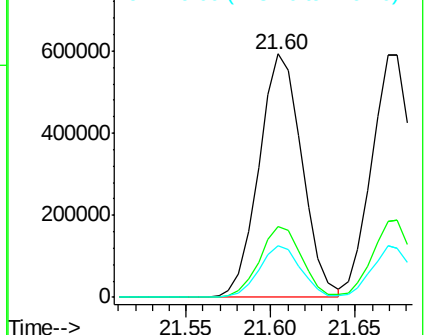
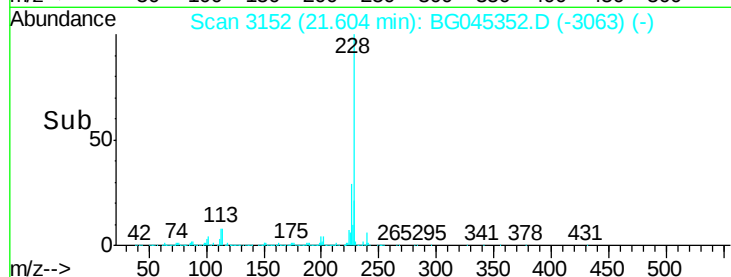


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 13.982 ng

RT: 21.52 min Scan# 3138

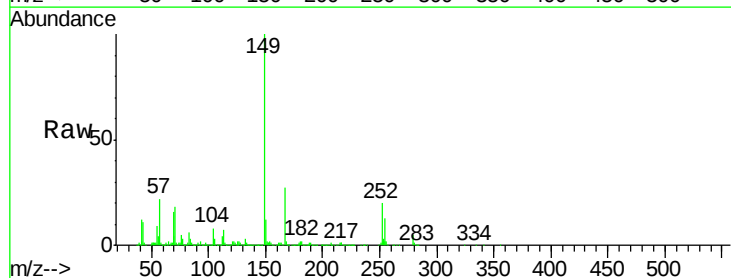
Delta R.T. -0.00 min

Lab File: BG045352.D

Acq: 13 May 2020 7:43

Tgt Ion:252 Resp: 151677

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 65.4  | 52.6  | 79.0  |
| 126 | 8.1   | 7.5   | 11.3  |

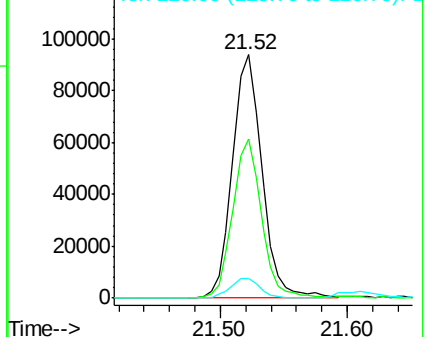
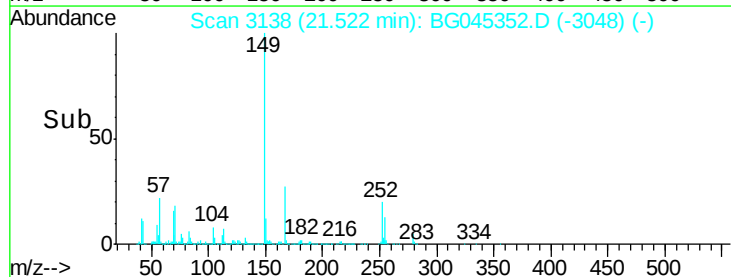


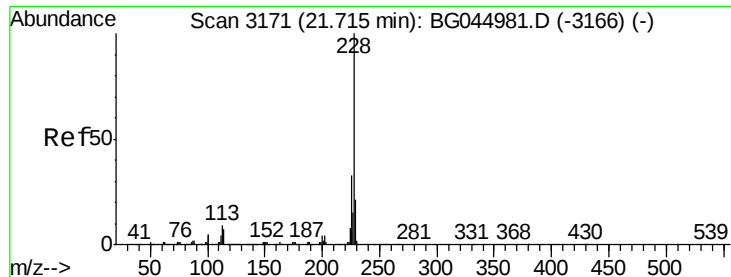
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.045 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG045352.D

Acq: 13 May 2020 7:43

Instrument :

BNA\_G

ClientSampleId :

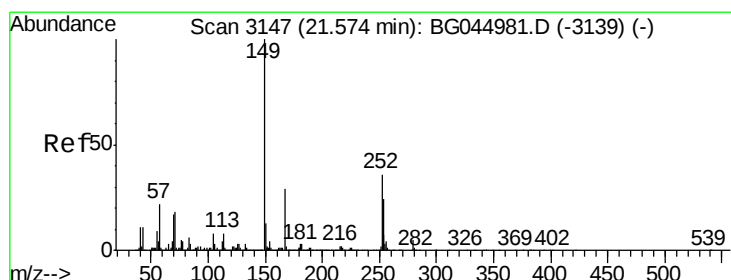
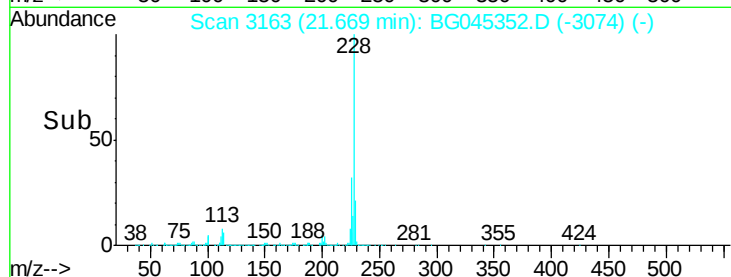
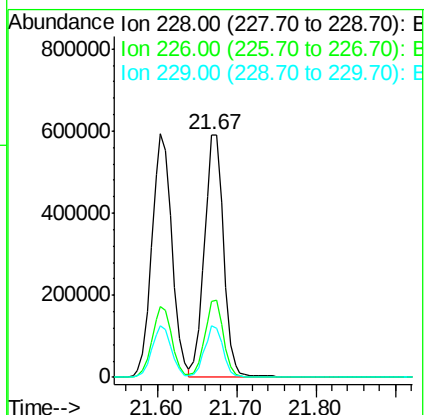
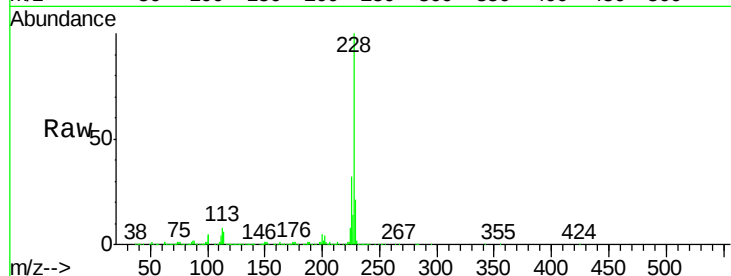
Tot Ion:228 Resp: 996305

Ion Ratio Lower Upper

228 100

226 31.5 26.2 39.4

229 21.1 17.0 25.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.241 ng

RT: 21.52 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG045352.D

Acq: 13 May 2020 7:43

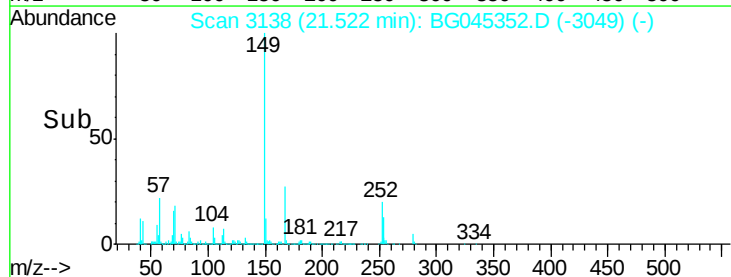
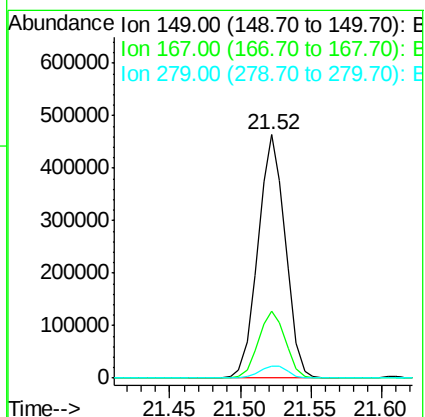
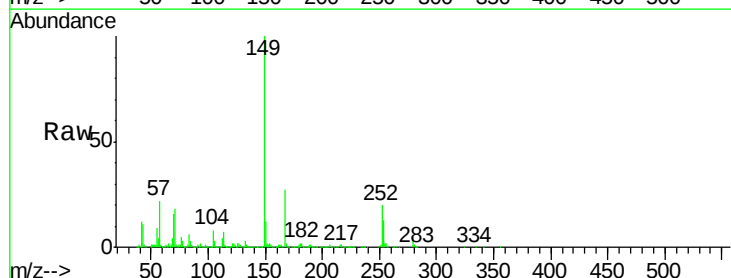
Tgt Ion:149 Resp: 632016

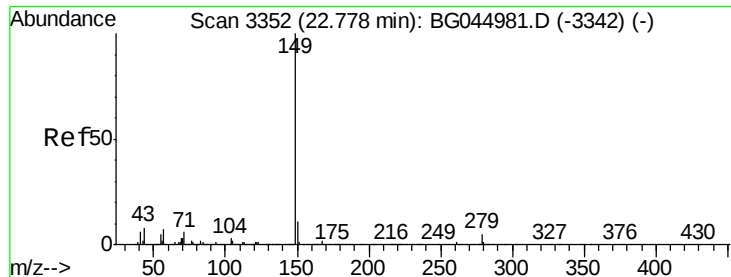
Ion Ratio Lower Upper

149 100

167 27.3 23.4 35.0

279 5.1 4.3 6.5





#85

Di-n-octyl phthalate

Concen: 37.386 ng

RT: 22.71 min Scan# 3341

Delta R.T. -0.01 min

Lab File: BG045352.D

Acq: 13 May 2020 7:43

Instrument :

BNA\_G

ClientSampleId :

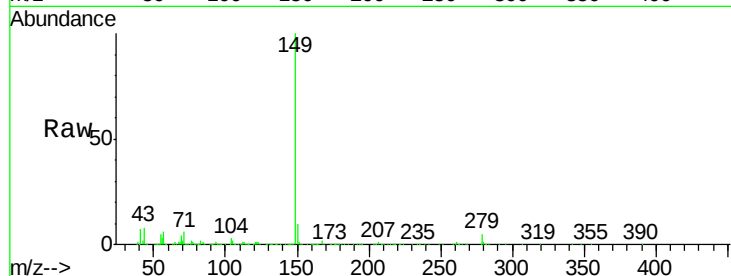
Tot Ion:149 Resp: 1068480

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

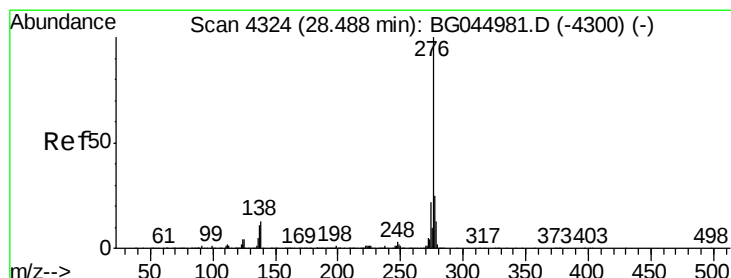
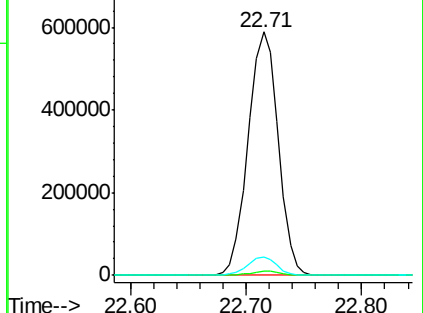
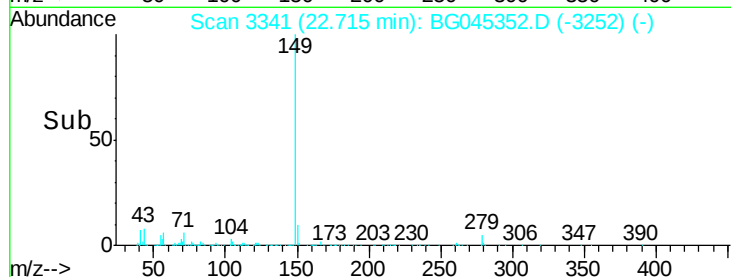
43 7.4 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.978 ng

RT: 28.38 min Scan# 4306

Delta R.T. -0.01 min

Lab File: BG045352.D

Acq: 13 May 2020 7:43

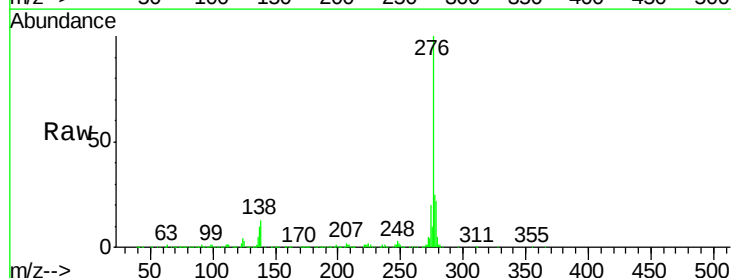
Tgt Ion:276 Resp: 1320446

Ion Ratio Lower Upper

276 100

138 11.8 9.6 14.4

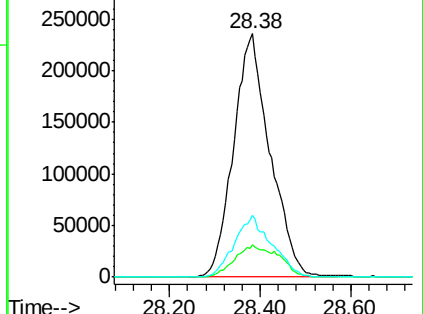
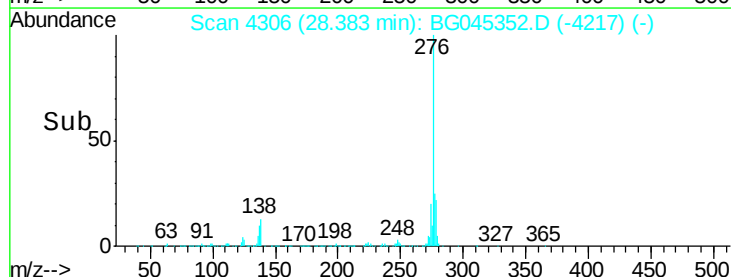
277 25.8 20.6 31.0

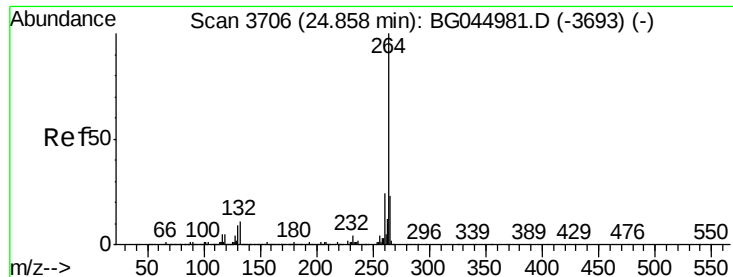


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.78 min Scan# 3693

Delta R.T. -0.01 min

Lab File: BG045352.D

Acq: 13 May 2020 7:43

Instrument :

BNA\_G

ClientSampleId :

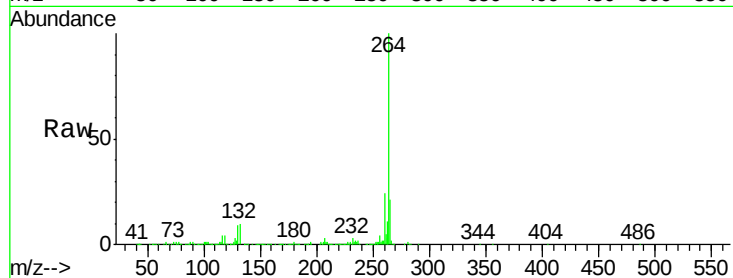
Tot Ion:264 Resp: 473786

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

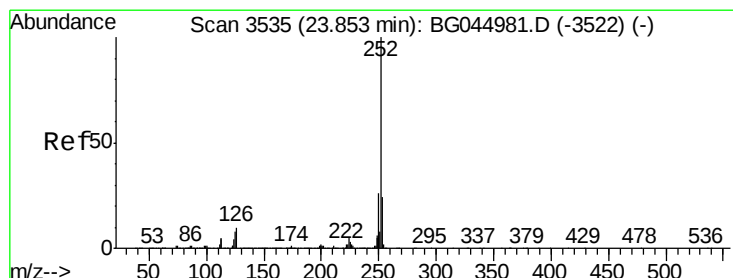
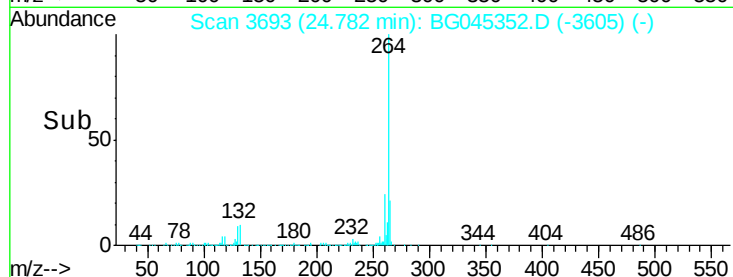
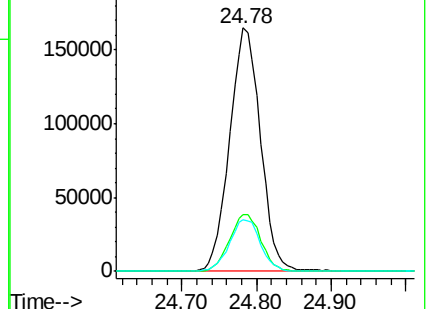
265 21.5 19.0 28.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 37.172 ng

RT: 23.79 min Scan# 3524

Delta R.T. -0.00 min

Lab File: BG045352.D

Acq: 13 May 2020 7:43

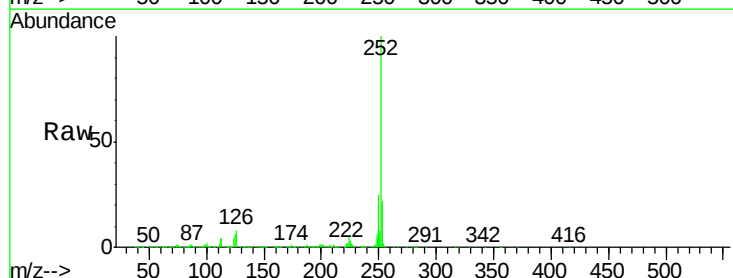
Tgt Ion:252 Resp: 1103186

Ion Ratio Lower Upper

252 100

253 22.2 18.8 28.2

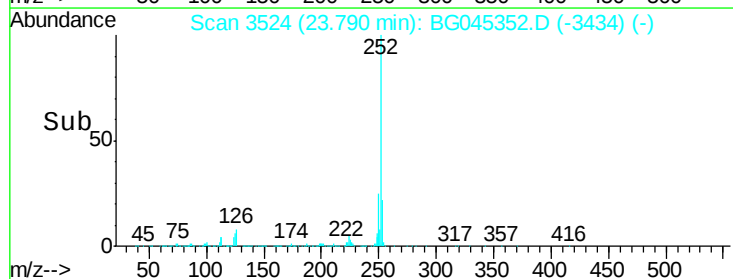
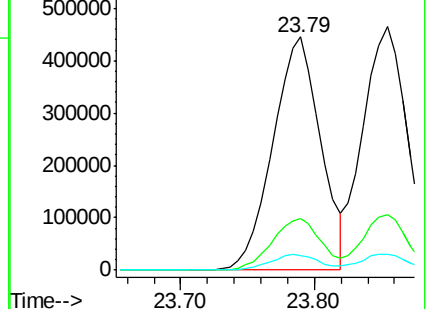
125 6.4 6.2 9.4

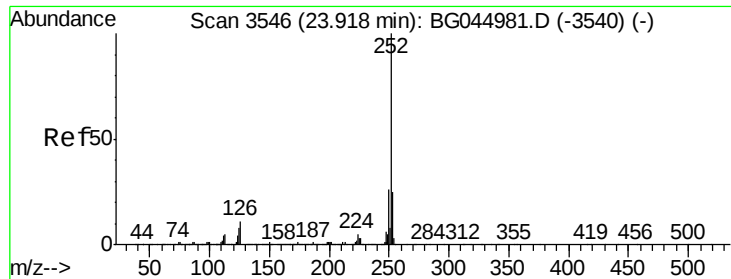


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 37.907 ng

RT: 23.85 min Scan# 3535

Delta R.T. -0.01 min

Lab File: BG045352.D

Acq: 13 May 2020 7:43

Instrument :

BNA\_G

ClientSampleId :

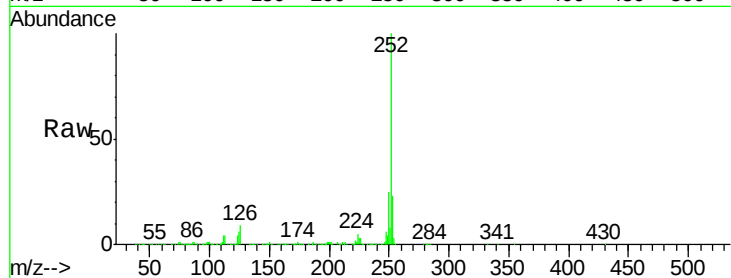
Tot Ion:252 Resp: 1069857

Ion Ratio Lower Upper

252 100

253 22.9 19.2 28.8

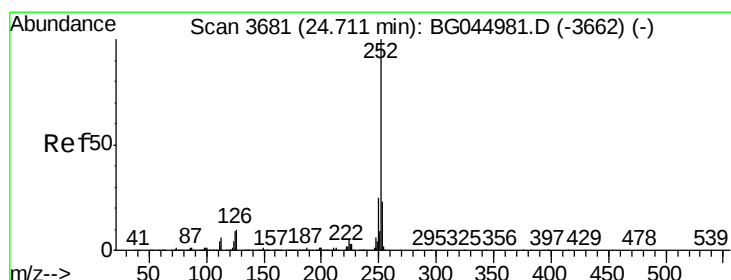
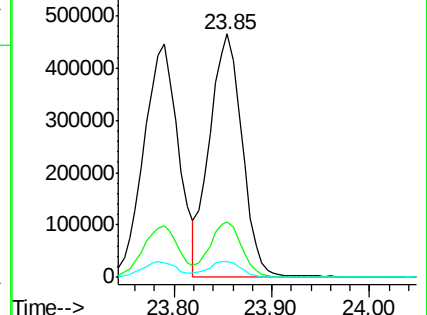
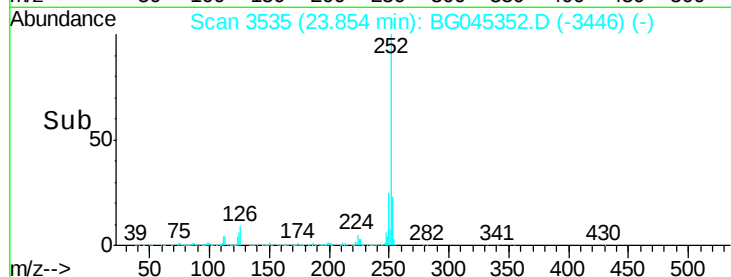
125 6.5 5.9 8.9



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

Benzo(a)pyrene

Concen: 36.454 ng

RT: 24.64 min Scan# 3668

Delta R.T. -0.01 min

Lab File: BG045352.D

Acq: 13 May 2020 7:43

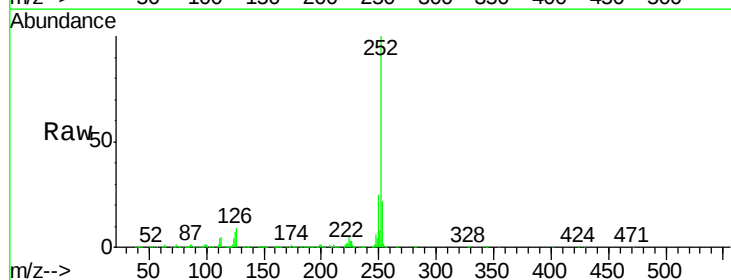
Tgt Ion:252 Resp: 1021462

Ion Ratio Lower Upper

252 100

253 21.7 18.3 27.5

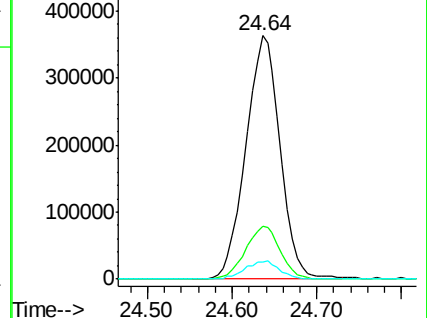
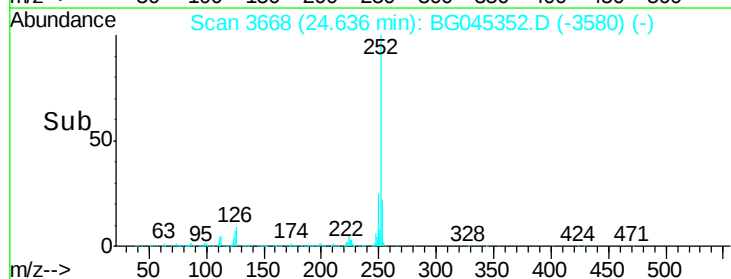
125 7.2 7.0 10.6

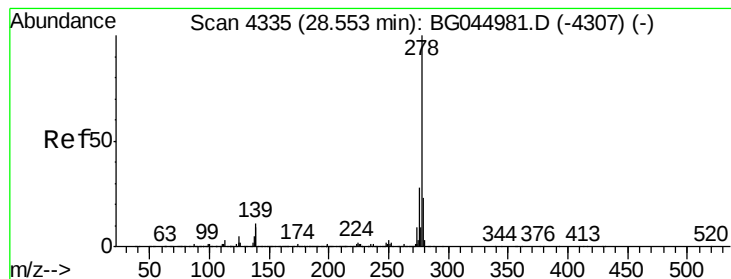


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 38.588 ng

RT: 28.44 min Scan# 4316

Delta R.T. -0.01 min

Lab File: BG045352.D

Acq: 13 May 2020 7:43

Instrument :

BNA\_G

ClientSampleId :

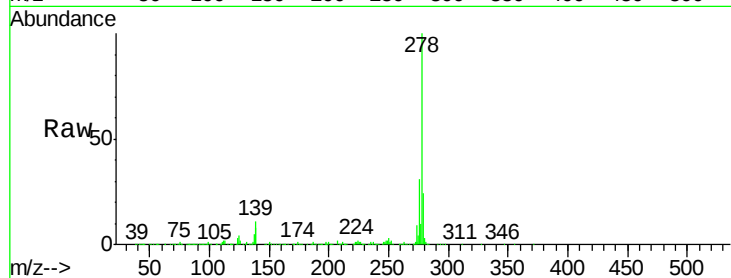
Tot Ion:278 Resp: 1089520

Ion Ratio Lower Upper

278 100

139 10.6 9.0 13.6

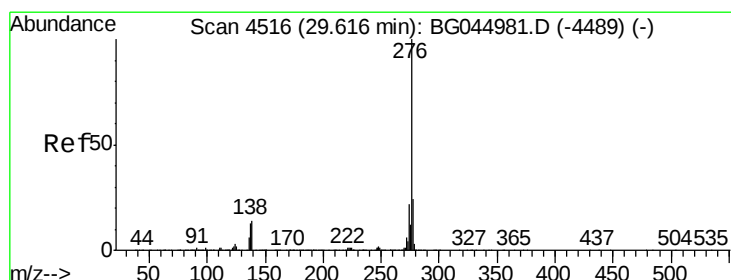
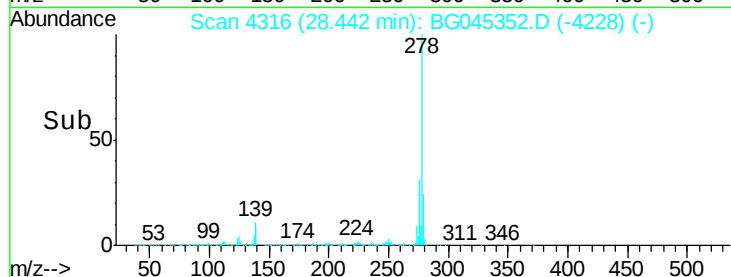
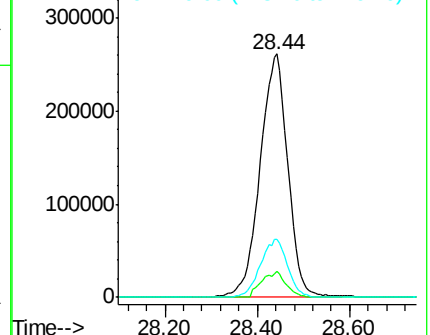
279 23.8 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 38.765 ng

RT: 29.51 min Scan# 4497

Delta R.T. -0.01 min

Lab File: BG045352.D

Acq: 13 May 2020 7:43

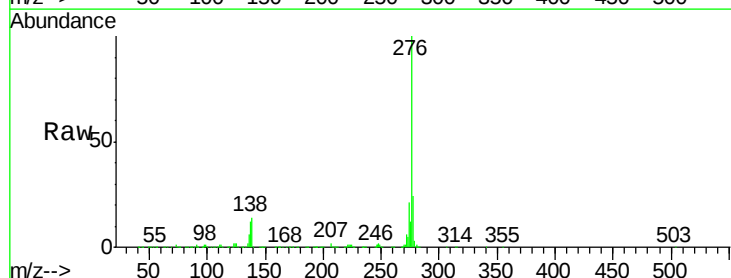
Tgt Ion:276 Resp: 1097316

Ion Ratio Lower Upper

276 100

277 24.1 19.3 28.9

138 13.5 11.4 17.2



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

