

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021720\  
 Data File : BG044452.D  
 Acq On : 17 Feb 2020 18:20  
 Operator : CG/JU  
 Sample : L1544-01MS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Feb 18 06:05:11 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 10 16:11:50 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.89  | 152  | 71989    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 10.69 | 136  | 294730   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 14.53 | 164  | 193245   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10      | 17.28 | 188  | 422932   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 21.52 | 240  | 408534   | 20.00 | ng    | -0.02    |
| 87) Perylene-d12          | 24.59 | 264  | 448119   | 20.00 | ng    | -0.03    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.47  | 112  | 445849   | 109.30 | ng    | 0.00     |
| 7) Phenol-d6                | 7.06  | 99   | 594678   | 108.57 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 9.04  | 82   | 350261   | 67.09  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 16.02 | 330  | 228948   | 100.92 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.15 | 172  | 794529   | 68.85  | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.89 | 244  | 1203439  | 60.59  | ng    | -0.01    |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.35  | 88   | 78755    | 42.972 | ng    | 100    |
| 3) Pyridine                    | 3.74  | 79   | 195837   | 40.108 | ng    | 98     |
| 4) n-Nitrosodimethylamine      | 3.66  | 42   | 94989    | 46.555 | ng    | 93     |
| 6) Aniline                     | 7.21  | 93   | 186506   | 27.431 | ng    | 99     |
| 8) 2-Chlorophenol              | 7.46  | 128  | 239184   | 53.353 | ng    | 98     |
| 9) Benzaldehyde                | 7.02  | 77   | 97267    | 31.179 | ng    | 100    |
| 10) Phenol                     | 7.09  | 94   | 294266   | 54.283 | ng    | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.31  | 93   | 214889   | 46.367 | ng    | 97     |
| 12) 1,3-Dichlorobenzene        | 7.78  | 146  | 250926   | 46.880 | ng    | 96     |
| 13) 1,4-Dichlorobenzene        | 7.93  | 146  | 253359   | 47.792 | ng    | 99     |
| 14) 1,2-Dichlorobenzene        | 8.25  | 146  | 236253   | 47.148 | ng    | 99     |
| 15) Benzyl Alcohol             | 8.13  | 79   | 191687   | 49.430 | ng    | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.42  | 45   | 281538   | 44.882 | ng    | 99     |
| 17) 2-Methylphenol             | 8.35  | 107  | 200696   | 51.890 | ng    | 98     |
| 18) Hexachloroethane           | 8.97  | 117  | 89993    | 45.237 | ng    | 96     |
| 19) n-Nitroso-di-n-propylamine | 8.70  | 70   | 168778   | 46.234 | ng    | 97     |
| 20) 3+4-Methylphenols          | 8.67  | 107  | 274498   | 51.497 | ng    | 98     |
| 22) Acetophenone               | 8.71  | 105  | 318632   | 44.440 | ng    | 99     |
| 24) Nitrobenzene               | 9.09  | 77   | 237335   | 46.568 | ng    | 98     |
| 25) Isophorone                 | 9.61  | 82   | 464978   | 47.786 | ng    | 99     |
| 26) 2-Nitrophenol              | 9.80  | 139  | 135419   | 51.208 | ng    | 98     |
| 27) 2,4-Dimethylphenol         | 9.87  | 122  | 225380   | 60.375 | ng    | 99     |
| 28) bis(2-Chloroethoxy)methane | 10.10 | 93   | 294028   | 45.297 | ng    | 98     |
| 29) 2,4-Dichlorophenol         | 10.34 | 162  | 232460   | 51.499 | ng    | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.55 | 180  | 239591   | 46.291 | ng    | 99     |
| 31) Naphthalene                | 10.74 | 128  | 687180   | 48.057 | ng    | 99     |
| 32) Benzoic acid               | 10.04 | 122  | 79187    | 36.868 | ng    | 96     |
| 33) 4-Chloroaniline            | 10.85 | 127  | 105089   | 16.159 | ng    | 99     |
| 34) Hexachlorobutadiene        | 11.04 | 225  | 143731   | 45.130 | ng    | 98     |
| 35) Caprolactam                | 11.62 | 113  | 44509    | 26.918 | ng    | 98     |
| 36) 4-Chloro-3-methylphenol    | 11.99 | 107  | 242275   | 51.193 | ng    | 99     |
| 37) 2-Methylnaphthalene        | 12.35 | 142  | 511023   | 48.133 | ng    | 99     |
| 38) 1-Methylnaphthalene        | 12.57 | 142  | 489417   | 48.895 | ng    | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.73 | 216  | 257680   | 44.577 | ng    | 99     |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 10 16:11:50 2020  
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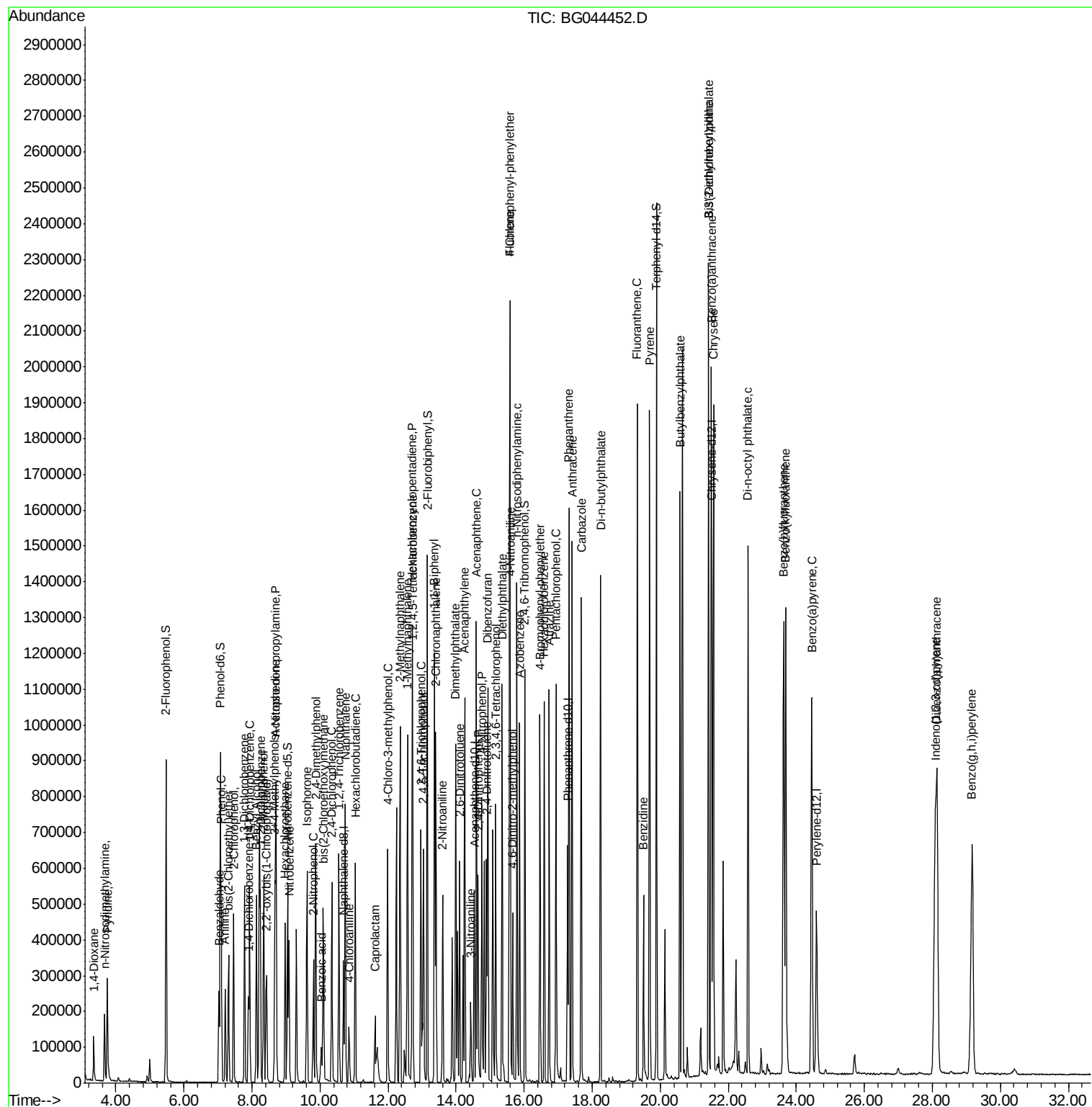
| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.71 | 237  | 285915   | 103.081 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol      | 12.96 | 196  | 184449   | 49.365  | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 13.04 | 196  | 195072   | 51.114  | ng    | 99       |
| 46) 1,1'-Biphenyl              | 13.36 | 154  | 654067   | 46.924  | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.40 | 162  | 508478   | 45.842  | ng    | 100      |
| 48) 2-Nitroaniline             | 13.60 | 65   | 145644   | 44.493  | ng    | 95       |
| 49) Acenaphthylene             | 14.25 | 152  | 807416   | 49.629  | ng    | 100      |
| 50) Dimethylphthalate          | 13.99 | 163  | 684181   | 49.254  | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.10 | 165  | 150237   | 48.507  | ng    | 96       |
| 52) Acenaphthene               | 14.60 | 154  | 499864   | 47.403  | ng    | 99       |
| 53) 3-Nitroaniline             | 14.43 | 138  | 66560    | 19.424  | ng    | 94       |
| 54) 2,4-Dinitrophenol          | 14.64 | 184  | 162398   | 87.680  | ng    | 96       |
| 55) Dibenzofuran               | 14.93 | 168  | 765156   | 47.925  | ng    | 99       |
| 56) 4-Nitrophenol              | 14.76 | 139  | 260948   | 103.963 | ng    | 98       |
| 57) 2,4-Dinitrotoluene         | 14.90 | 165  | 208219   | 47.966  | ng    | 92       |
| 58) Fluorene                   | 15.58 | 166  | 610566   | 48.554  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.16 | 232  | 174176   | 50.527  | ng    | 98       |
| 60) Diethylphthalate           | 15.35 | 149  | 649483   | 46.923  | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.57 | 204  | 324401   | 47.578  | ng    | 98       |
| 62) 4-Nitroaniline             | 15.60 | 138  | 144017   | 42.061  | ng    | 98       |
| 63) Azobenzene                 | 15.87 | 77   | 573860   | 47.305  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.66 | 198  | 129231   | 55.355  | ng    | 98       |
| 66) n-Nitrosodiphenylamine     | 15.79 | 169  | 572090   | 48.268  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.47 | 248  | 215466   | 46.761  | ng    | 97       |
| 68) Hexachlorobenzene          | 16.59 | 284  | 237916   | 46.088  | ng    | 98       |
| 69) Atrazine                   | 16.74 | 200  | 223023   | 54.899  | ng    | 98       |
| 70) Pentachlorophenol          | 16.94 | 266  | 245851   | 93.621  | ng    | 96       |
| 71) Phenanthrene               | 17.32 | 178  | 988396   | 48.262  | ng    | 99       |
| 72) Anthracene                 | 17.41 | 178  | 1020510  | 50.401  | ng    | 98       |
| 73) Carbazole                  | 17.68 | 167  | 916821   | 49.117  | ng    | 100      |
| 74) Di-n-butylphthalate        | 18.25 | 149  | 1119732  | 48.543  | ng    | 99       |
| 75) Fluoranthene               | 19.33 | 202  | 1181818  | 49.884  | ng    | 100      |
| 77) Benzidine                  | 19.51 | 184  | 373954   | 33.001  | ng    | 98       |
| 78) Pyrene                     | 19.69 | 202  | 1189661  | 45.344  | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.58 | 149  | 522139   | 43.671  | ng    | 98       |
| 81) Benzo(a)anthracene         | 21.50 | 228  | 1150041  | 45.676  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.42 | 252  | 208820   | 21.369  | ng    | 98       |
| 83) Chrysene                   | 21.57 | 228  | 1104487  | 45.383  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.42 | 149  | 735014   | 44.664  | ng    | 100      |
| 85) Di-n-octyl phthalate       | 22.58 | 149  | 1304200  | 45.804  | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.09 | 276  | 1442654  | 45.436  | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 23.63 | 252  | 1228319  | 47.568  | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 23.69 | 252  | 1211369  | 48.133  | ng    | 99       |
| 90) Benzo(a)pyrene             | 24.46 | 252  | 1141985  | 46.775  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.14 | 278  | 1186777  | 49.117  | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 29.17 | 276  | 1206156  | 49.866  | ng    | 99       |

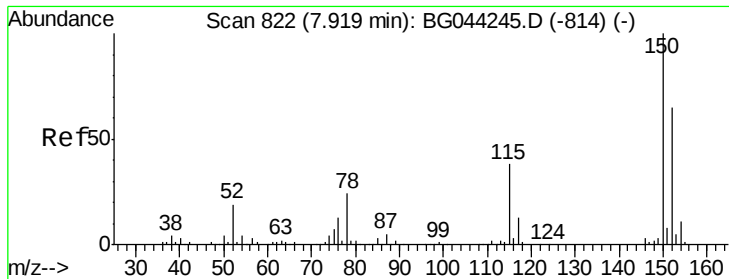
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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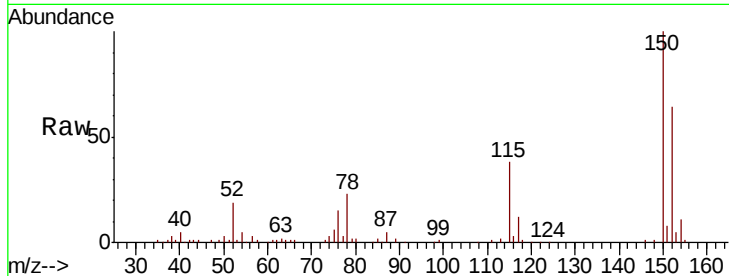


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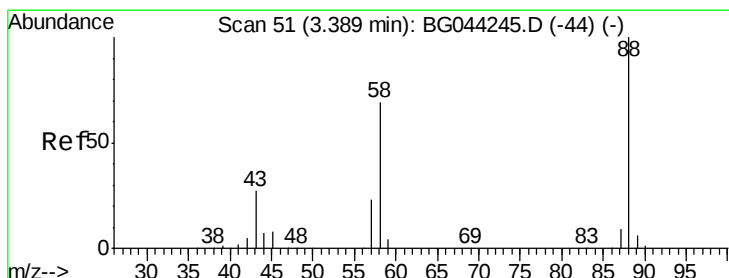
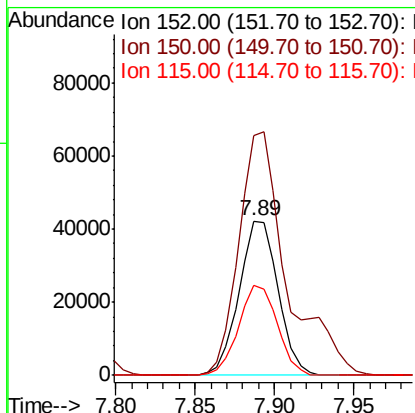
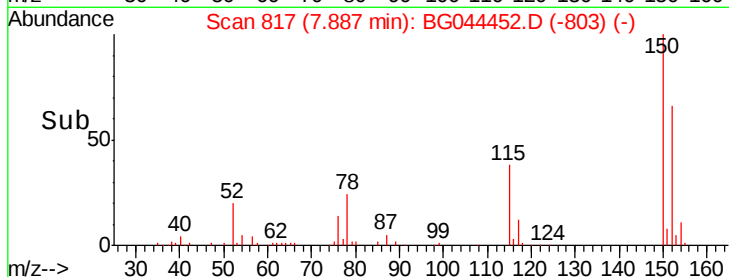
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.89 min Scan# 817  
Delta R.T. -0.02 min  
Lab File: BG044452.D  
Acq: 17 Feb 2020 18:20

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:152 Resp: 71989  
Ion Ratio Lower Upper  
152 100  
150 155.4 122.6 183.8  
115 58.5 46.0 69.0



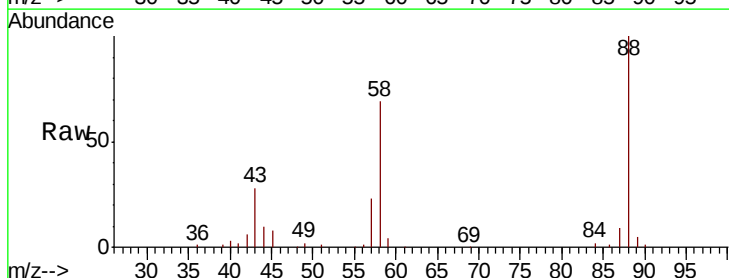
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



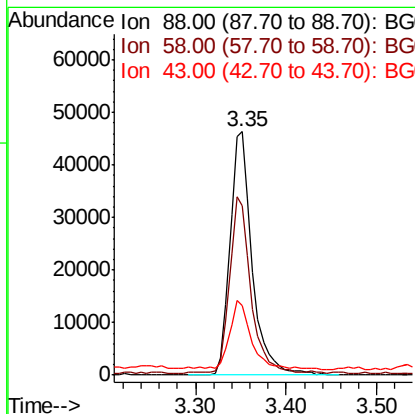
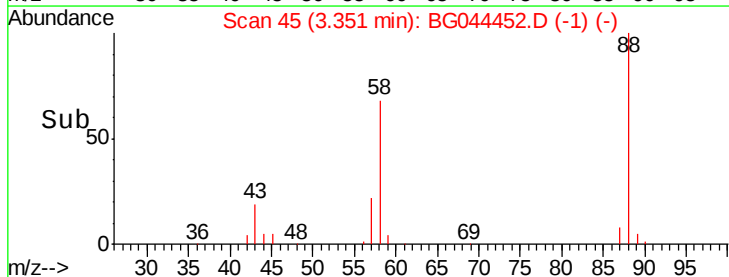
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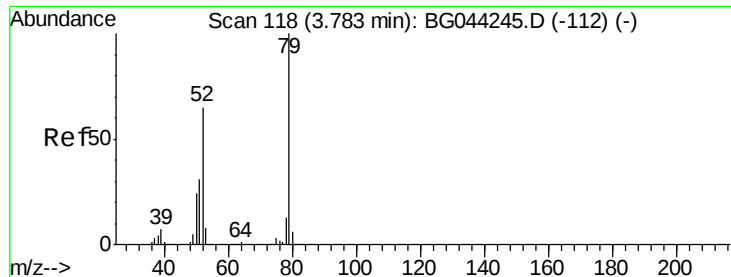
1,4-Dioxane  
Concen: 42.972 ng  
RT: 3.35 min Scan# 45  
Delta R.T. -0.01 min  
Lab File: BG044452.D  
Acq: 17 Feb 2020 18:20

Tgt Ion: 88 Resp: 78755  
Ion Ratio Lower Upper  
88 100  
58 69.5 55.8 83.6  
43 27.0 21.6 32.4



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: 40.108 ng

RT: 3.74 min Scan# 112

Delta R.T. -0.02 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

Instrument :

BNA\_G

ClientSampleId :

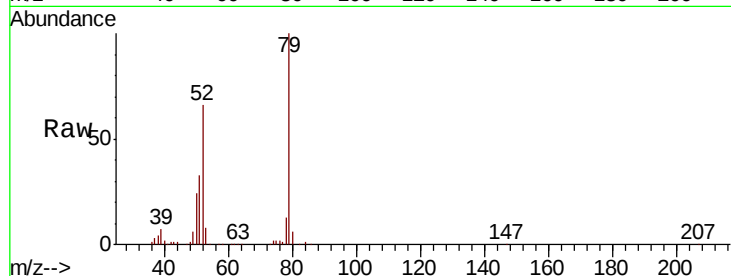
Tot Ion: 79 Resp: 195837

Ion Ratio Lower Upper

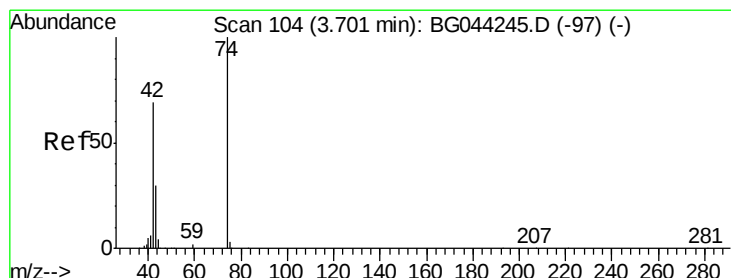
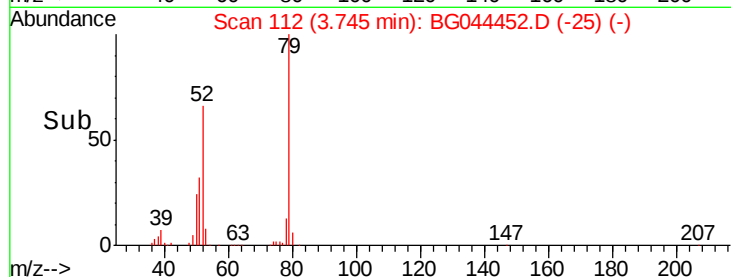
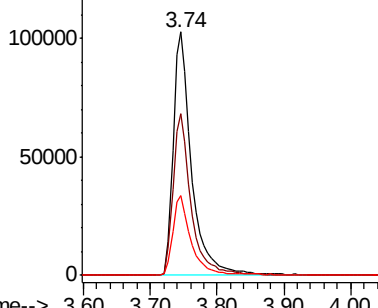
79 100

52 66.4 51.9 77.9

51 32.8 25.3 37.9



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: 46.555 ng

RT: 3.66 min Scan# 98

Delta R.T. -0.01 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

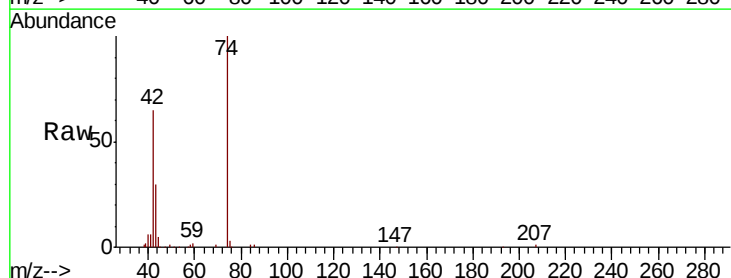
Tgt Ion: 42 Resp: 94989

Ion Ratio Lower Upper

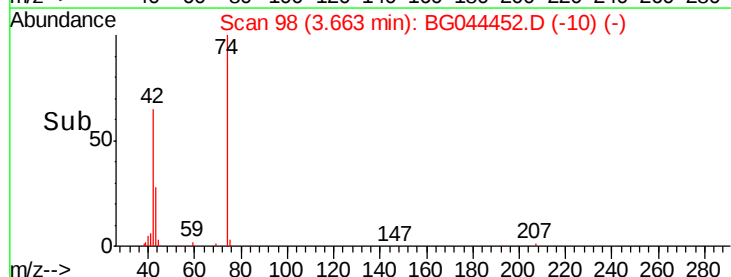
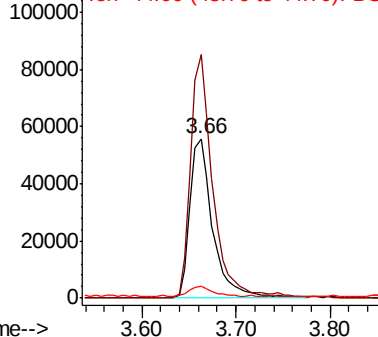
42 100

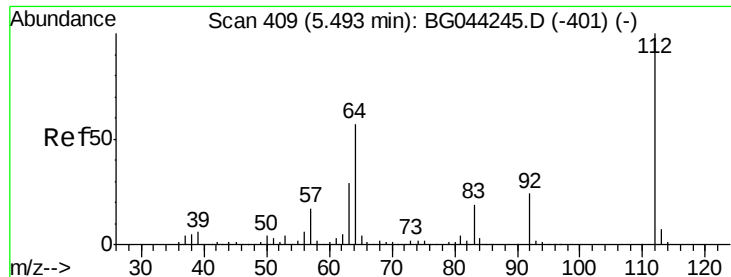
74 153.0 115.1 172.7

44 7.7 5.6 8.4



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: 109.302 ng

RT: 5.47 min Scan# 406

Delta R.T. -0.01 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

Instrument :

BNA\_G

ClientSampleId :

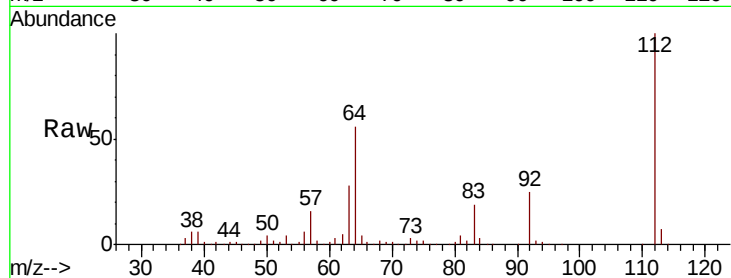
Tot Ion:112 Resp: 445849

Ion Ratio Lower Upper

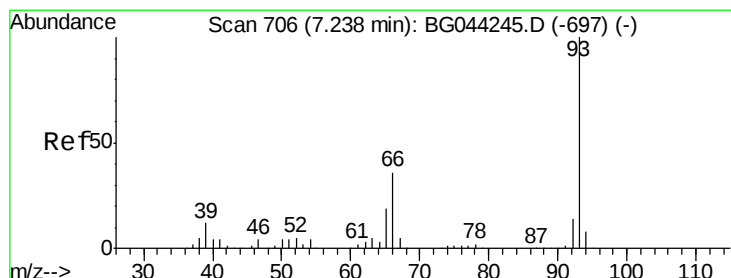
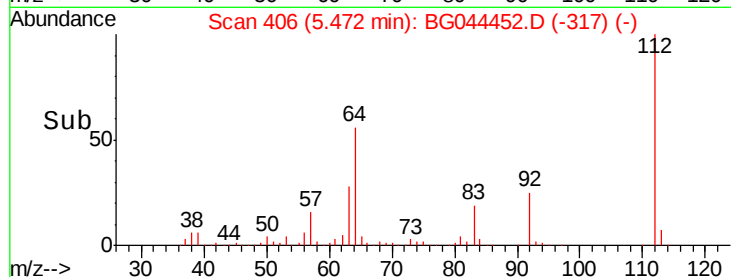
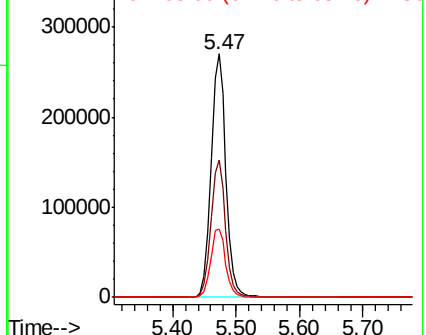
112 100

64 56.4 45.4 68.2

63 28.3 22.9 34.3



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: 27.431 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.02 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

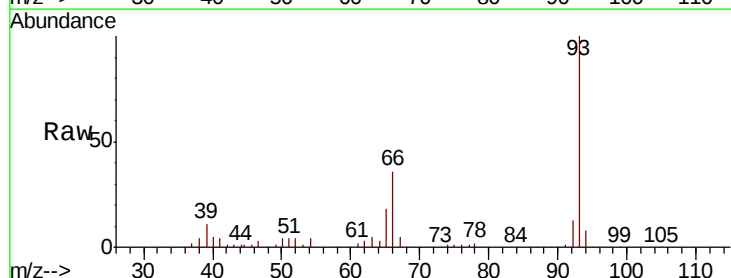
Tgt Ion: 93 Resp: 186506

Ion Ratio Lower Upper

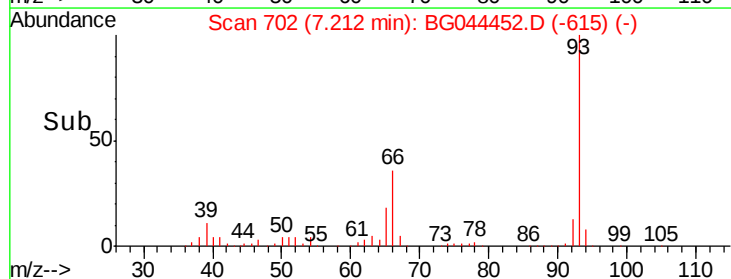
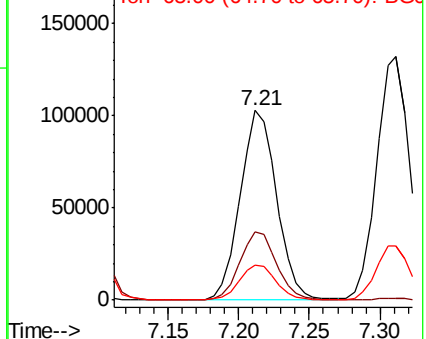
93 100

66 35.8 28.7 43.1

65 18.5 15.4 23.0



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: 108.566 ng

RT: 7.06 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

Instrument :

BNA\_G

ClientSampleId :

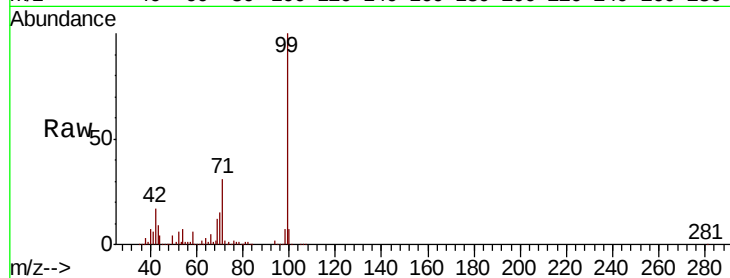
Tot Ion: 99 Resp: 594678

Ion Ratio Lower Upper

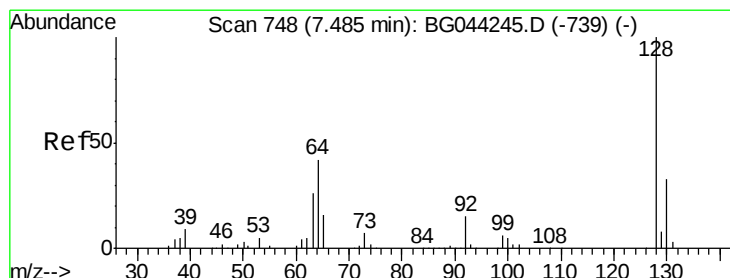
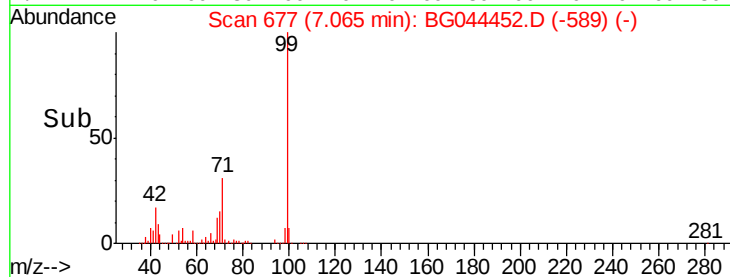
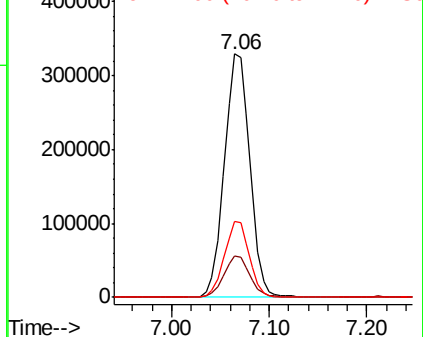
99 100

42 16.9 13.8 20.6

71 31.4 25.5 38.3



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: 53.353 ng

RT: 7.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

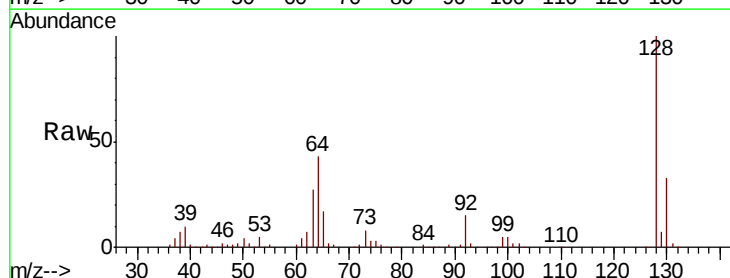
Tgt Ion: 128 Resp: 239184

Ion Ratio Lower Upper

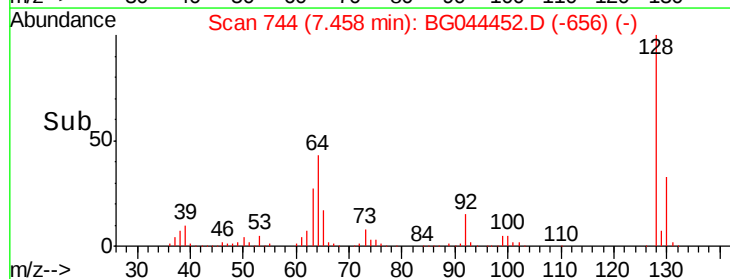
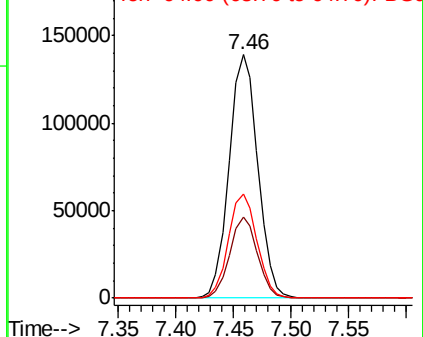
128 100

130 33.2 12.5 52.5

64 42.7 24.2 64.2



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: 31.179 ng

RT: 7.02 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

Instrument :

BNA\_G

ClientSampleId :

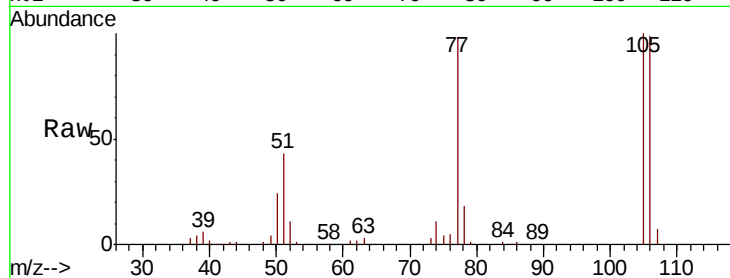
Tot Ion: 77 Resp: 97267

Ion Ratio Lower Upper

77 100

105 102.2 82.0 122.0

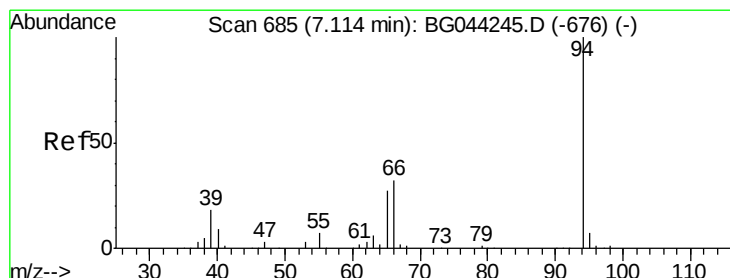
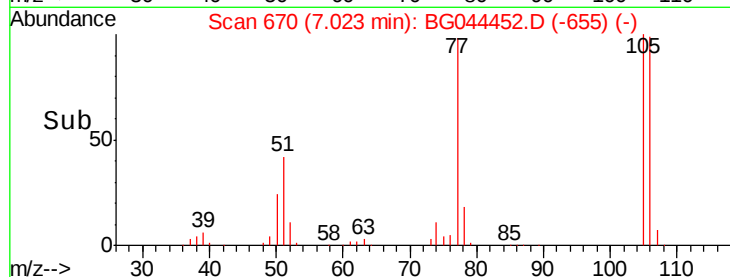
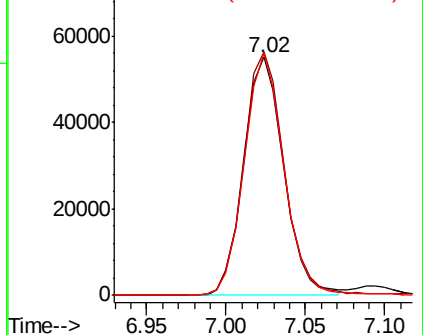
106 101.4 80.7 120.7



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: 54.283 ng

RT: 7.09 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

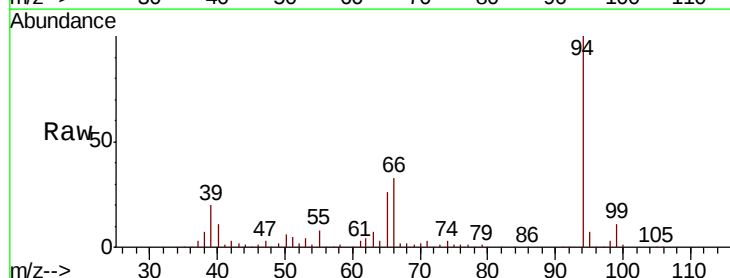
Tgt Ion: 94 Resp: 294266

Ion Ratio Lower Upper

94 100

65 26.4 7.0 47.0

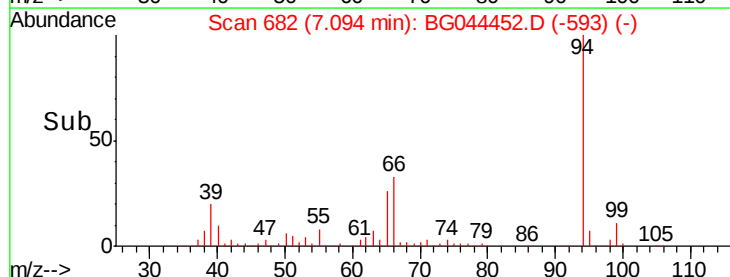
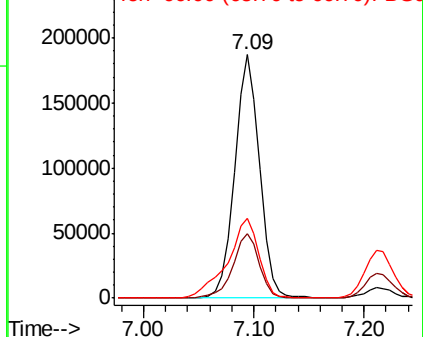
66 33.0 12.7 52.7

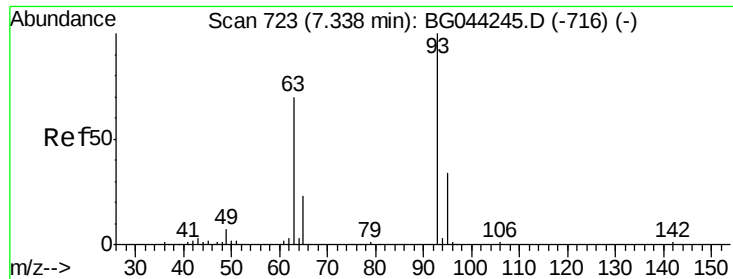


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

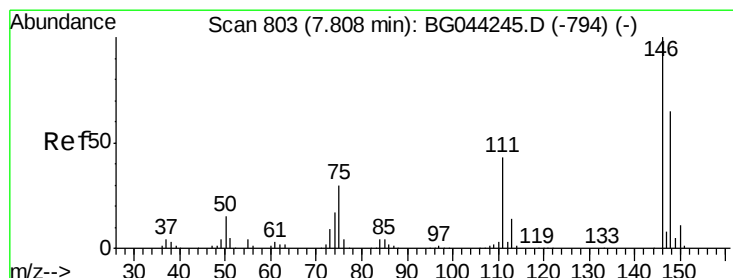
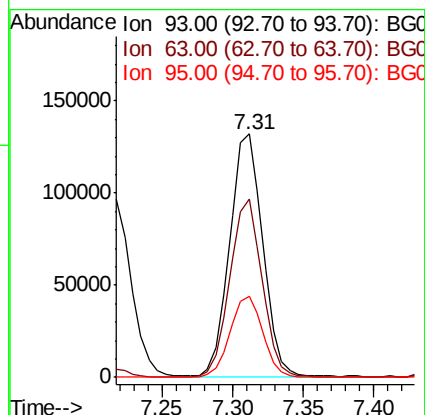
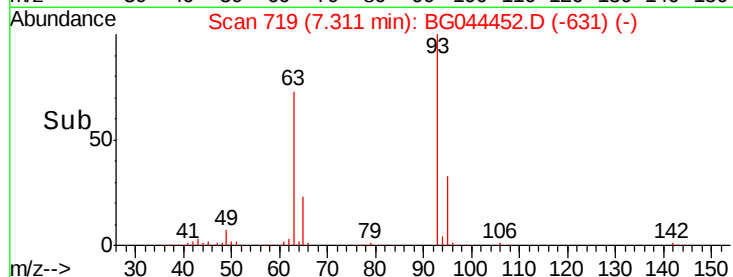
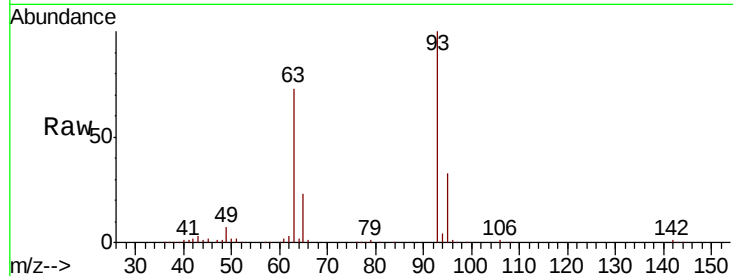




#11  
bis(2-Chloroethyl)ether  
Concen: 46.367 ng  
RT: 7.31 min Scan# 719  
Delta R.T. -0.01 min  
Lab File: BG044452.D  
Acq: 17 Feb 2020 18:20

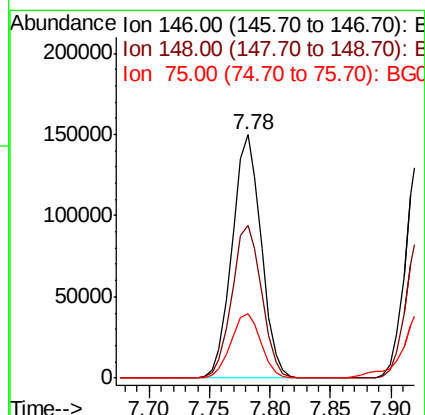
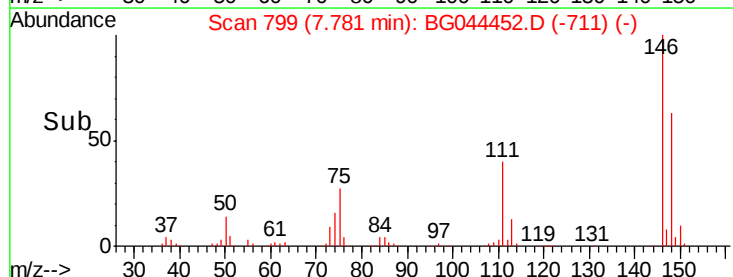
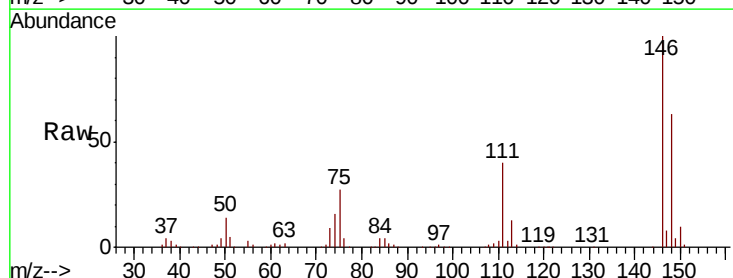
Instrument :  
BNA\_G  
ClientSampleId :

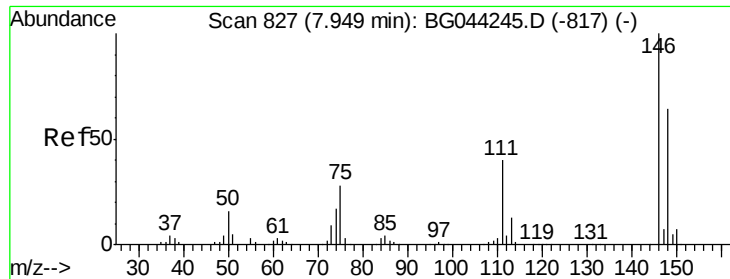
Tot Ion: 93 Resp: 214889  
Ion Ratio Lower Upper  
93 100  
63 73.0 49.2 89.2  
95 33.2 13.6 53.6



#12  
1,3-Dichlorobenzene  
Concen: 46.880 ng  
RT: 7.78 min Scan# 799  
Delta R.T. -0.01 min  
Lab File: BG044452.D  
Acq: 17 Feb 2020 18:20

Tgt Ion: 146 Resp: 250926  
Ion Ratio Lower Upper  
146 100  
148 62.7 51.8 77.8  
75 26.5 23.7 35.5

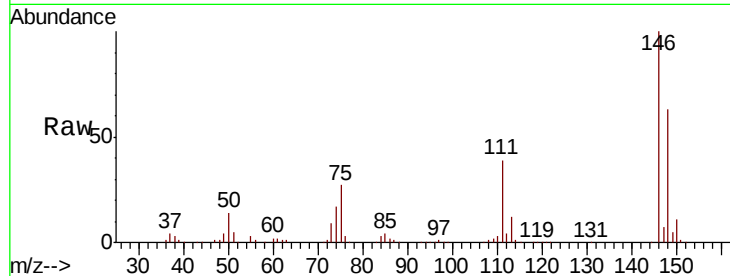




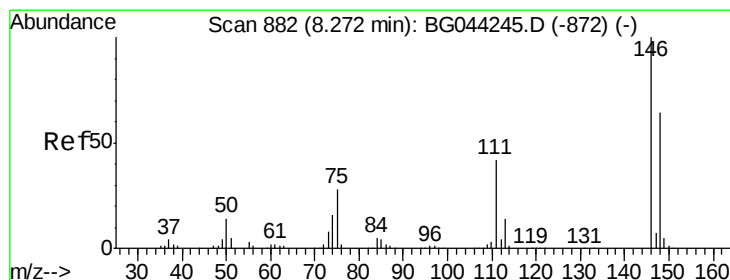
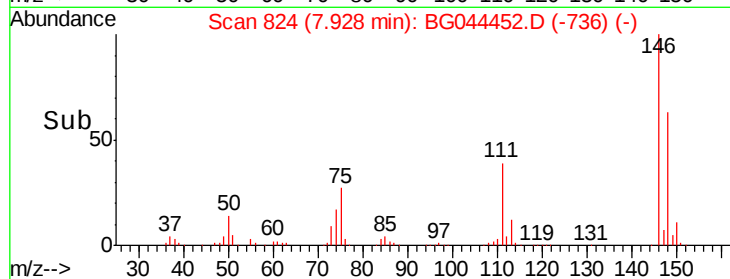
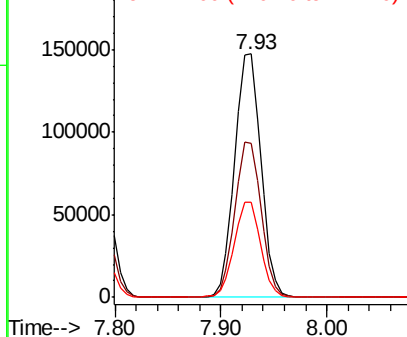
#13  
 1,4-Dichlorobenzene  
 Concen: 47.792 ng  
 RT: 7.93 min Scan# 824  
 Delta R.T. -0.01 min  
 Lab File: BG044452.D  
 Acq: 17 Feb 2020 18:20

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:146 Resp: 253359  
 Ion Ratio Lower Upper  
 146 100  
 148 63.1 51.4 77.0  
 111 39.0 31.8 47.8

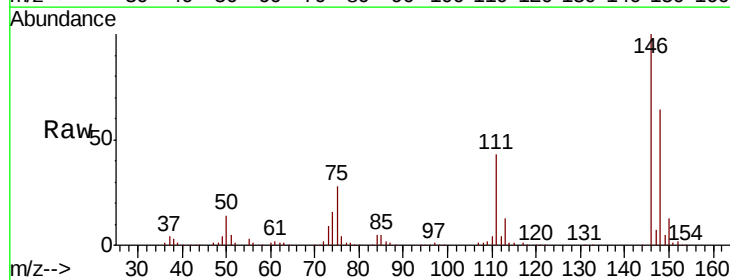


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

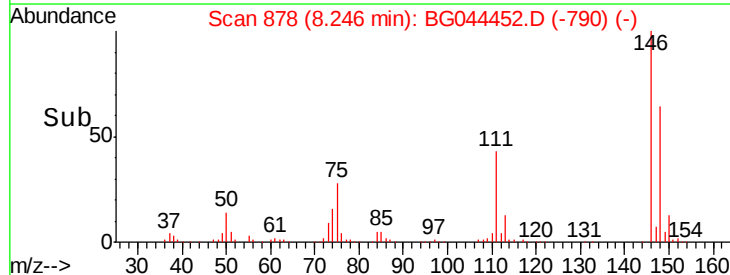
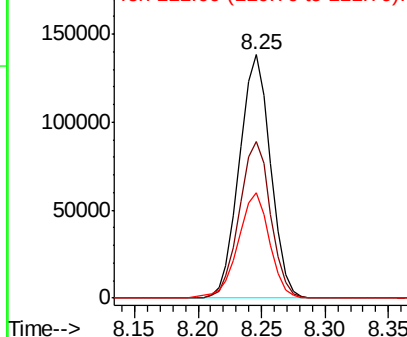


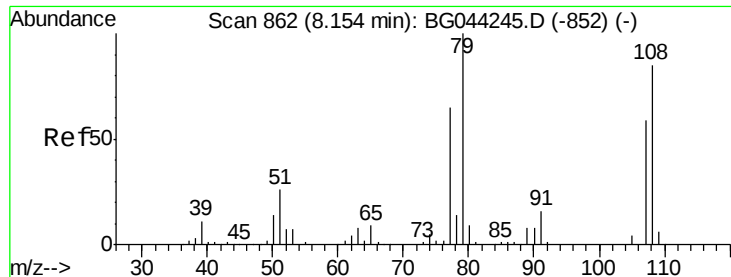
#14  
 1,2-Dichlorobenzene  
 Concen: 47.148 ng  
 RT: 8.25 min Scan# 878  
 Delta R.T. -0.01 min  
 Lab File: BG044452.D  
 Acq: 17 Feb 2020 18:20

Tgt Ion:146 Resp: 236253  
 Ion Ratio Lower Upper  
 146 100  
 148 64.4 51.2 76.8  
 111 43.5 34.0 51.0



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





#15

Benzyl Alcohol

Concen: 49.430 ng

RT: 8.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

Instrument :

BNA\_G

ClientSampled :

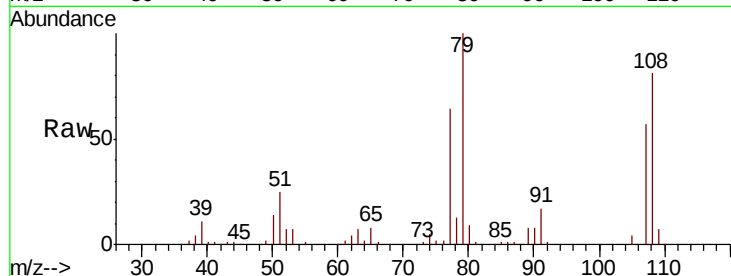
Tot Ion: 79 Resp: 191687

Ion Ratio Lower Upper

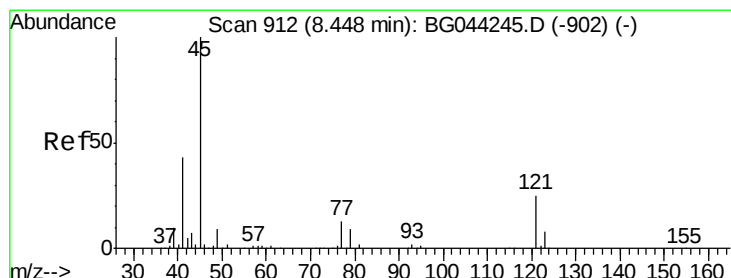
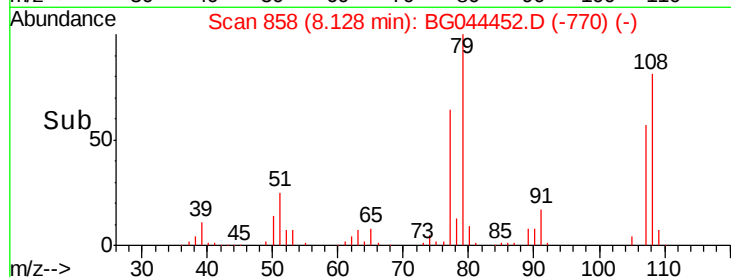
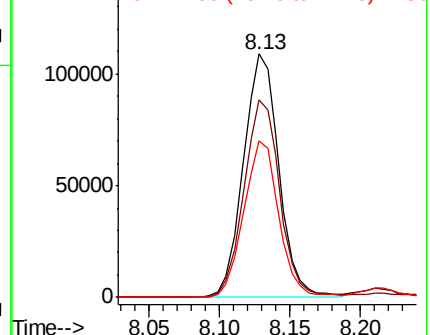
79 100

108 81.3 68.3 102.5

77 64.1 51.8 77.8



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: 44.882 ng

RT: 8.42 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

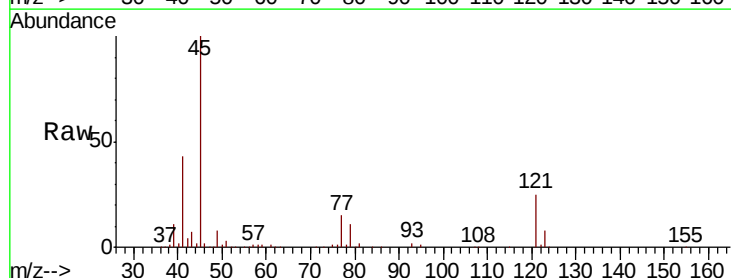
Tgt Ion: 45 Resp: 281538

Ion Ratio Lower Upper

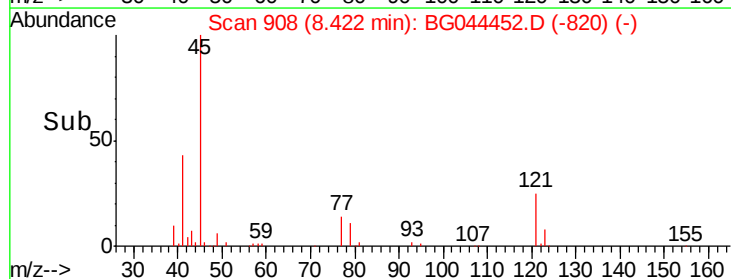
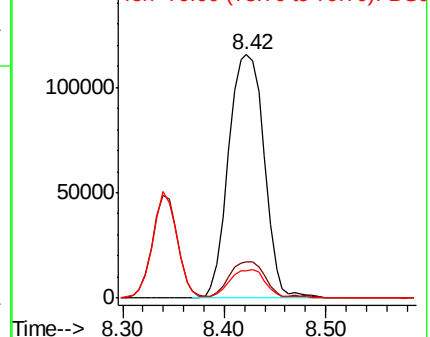
45 100

77 14.8 0.0 35.2

79 11.4 0.0 31.1



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

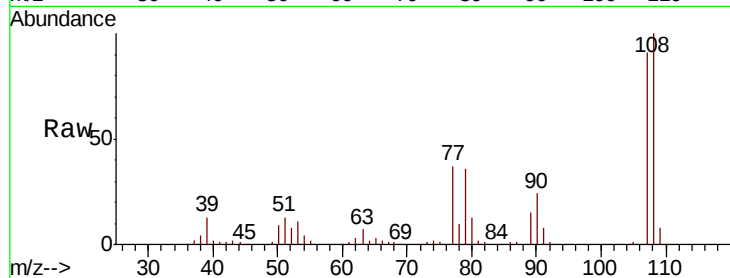




#17  
2-Methylphenol  
Concen: 51.890 ng  
RT: 8.35 min Scan# 895  
Delta R.T. -0.01 min  
Lab File: BG044452.D  
Acq: 17 Feb 2020 18:20

Instrument :  
BNA\_G  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 200696 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 109.6 | 86.4  | 129.6  |
| 77       | 40.9  | 34.0  | 51.0   |
| 79       | 39.5  | 32.9  | 49.3   |



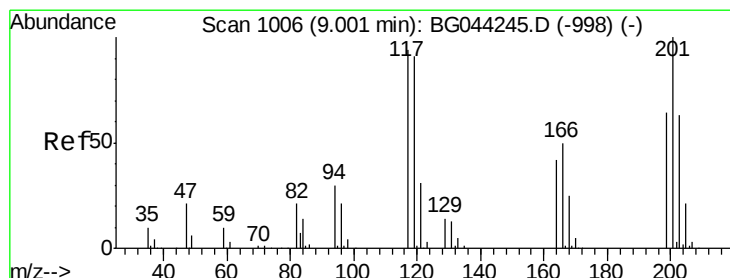
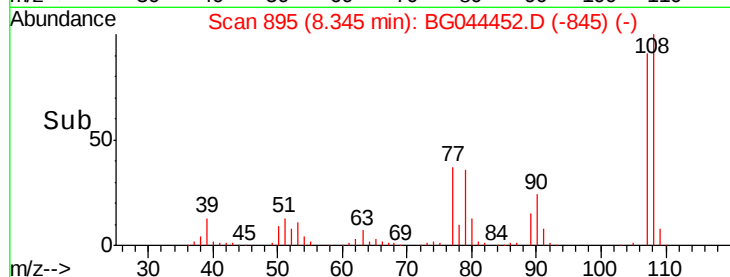
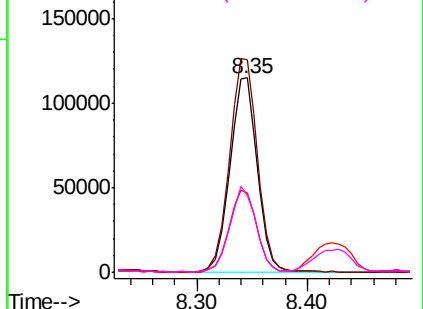
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

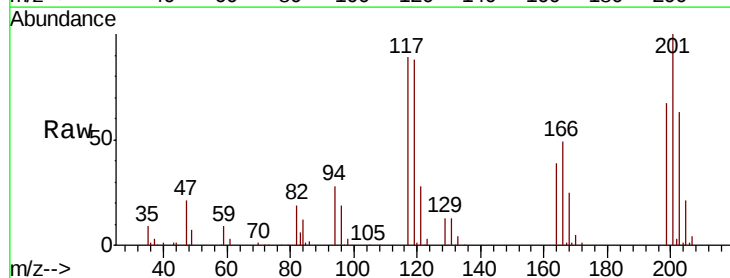
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18  
Hexachloroethane  
Concen: 45.237 ng  
RT: 8.97 min Scan# 1002  
Delta R.T. -0.01 min  
Lab File: BG044452.D  
Acq: 17 Feb 2020 18:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 89993 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 99.0  | 77.5  | 116.3 |
| 201      | 112.5 | 84.9  | 127.3 |

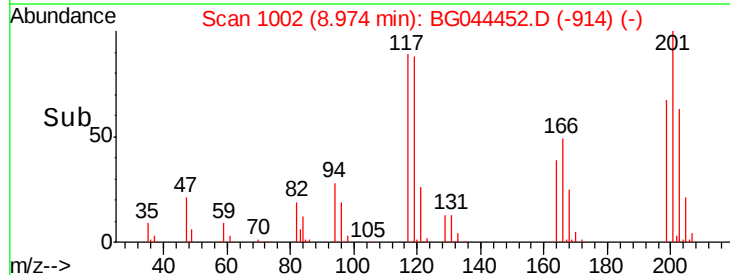
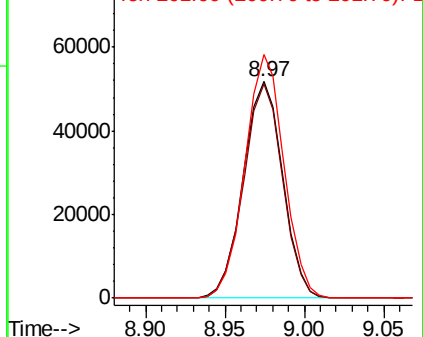


Abundance

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

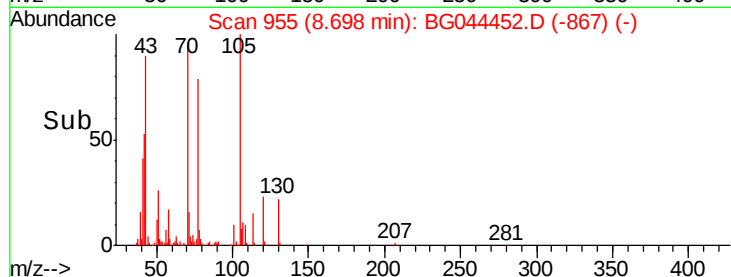
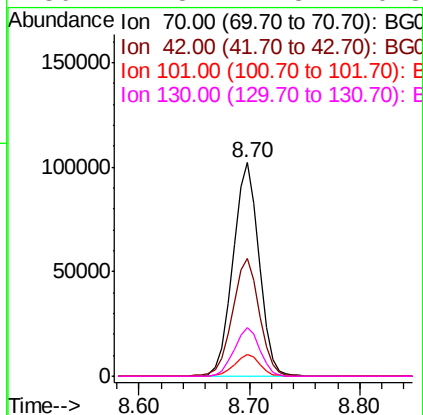
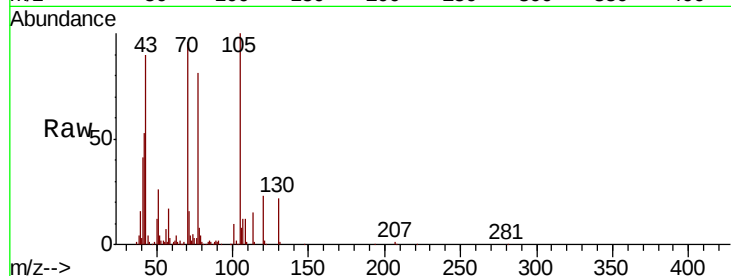




#19  
n-Nitroso-di-n-propylamine  
Concen: 46.234 ng  
RT: 8.70 min Scan# 955  
Delta R.T. -0.01 min  
Lab File: BG044452.D  
Acq: 17 Feb 2020 18:20

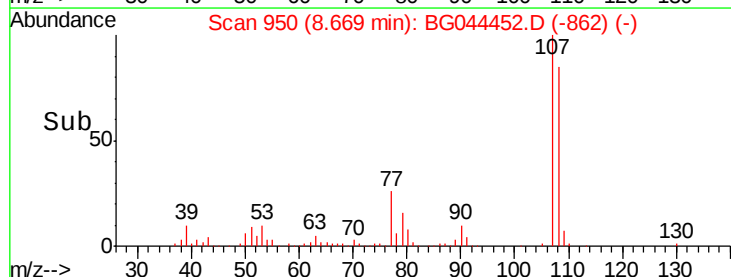
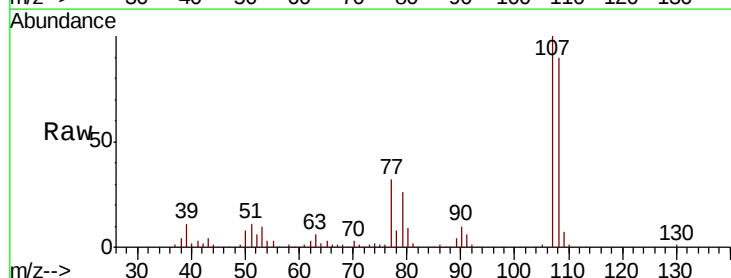
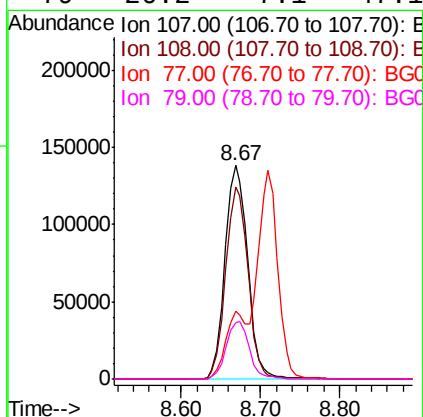
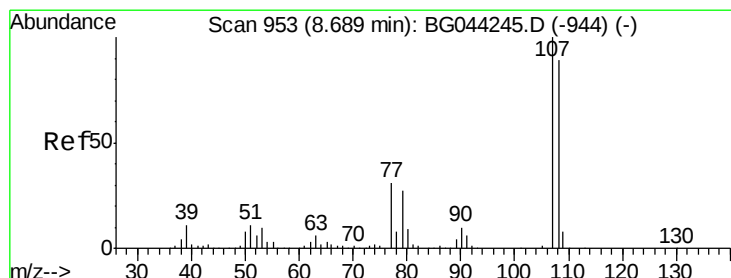
Instrument :  
BNA\_G  
ClientSampleId :

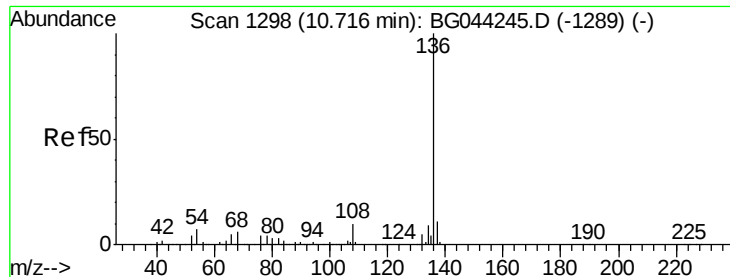
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 168778 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 55.1  | 46.2  | 69.2   |
| 101      | 10.0  | 8.4   | 12.6   |
| 130      | 22.8  | 17.8  | 26.8   |



#20  
3+4-Methylphenols  
Concen: 51.497 ng  
RT: 8.67 min Scan# 950  
Delta R.T. -0.01 min  
Lab File: BG044452.D  
Acq: 17 Feb 2020 18:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 274498 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 89.9  | 68.5  | 108.5  |
| 77       | 31.7  | 10.9  | 50.9   |
| 79       | 26.2  | 7.1   | 47.1   |

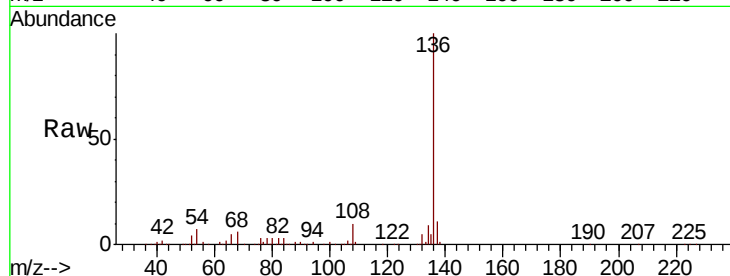




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.69 min Scan# 1294  
Delta R.T. -0.01 min  
Lab File: BG044452.D  
Acq: 17 Feb 2020 18:20

Instrument :  
BNA\_G  
ClientSampled :

|             |       |        |  |
|-------------|-------|--------|--|
| Tot Ion:136 | Resp: | 294730 |  |
| Ion Ratio   | Lower | Upper  |  |
| 136 100     |       |        |  |
| 137 10.9    | 8.8   | 13.2   |  |
| 54 7.1      | 5.8   | 8.8    |  |
| 68 5.7      | 4.6   | 6.8    |  |



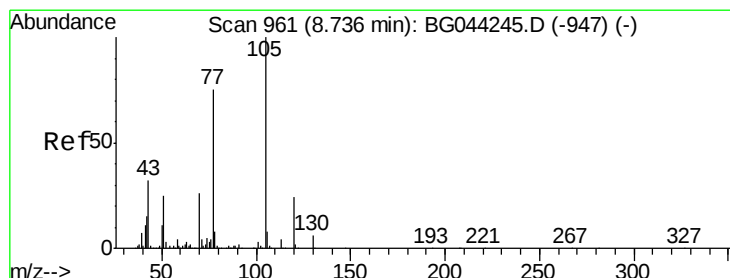
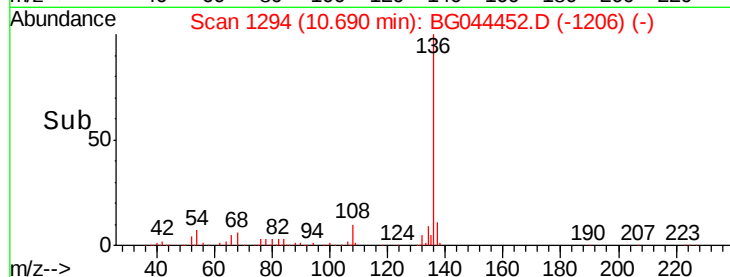
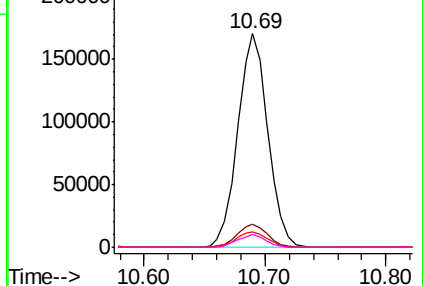
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

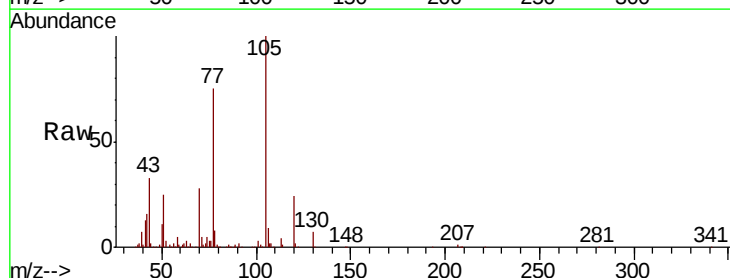
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22  
Acetophenone  
Concen: 44.440 ng  
RT: 8.71 min Scan# 957  
Delta R.T. -0.01 min  
Lab File: BG044452.D  
Acq: 17 Feb 2020 18:20

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 318632 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 4.8     | 3.4   | 5.0    |
| 51  | 24.6    | 20.2  | 30.4   |
| 120 | 24.0    | 19.1  | 28.7   |



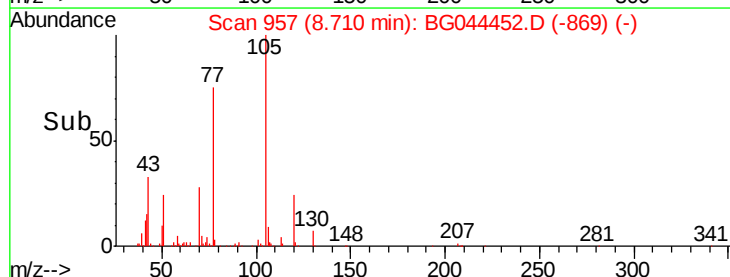
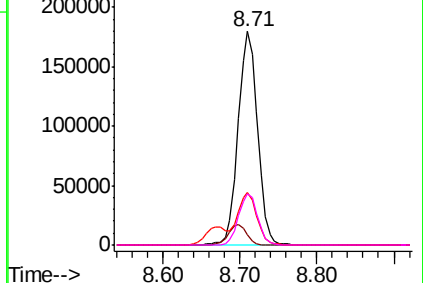
Abundance

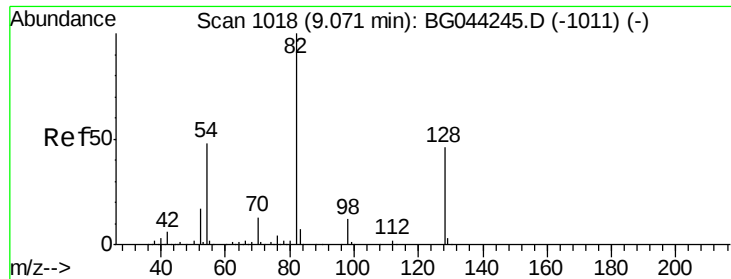
Ion 105.00 (104.70 to 105.70): E

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

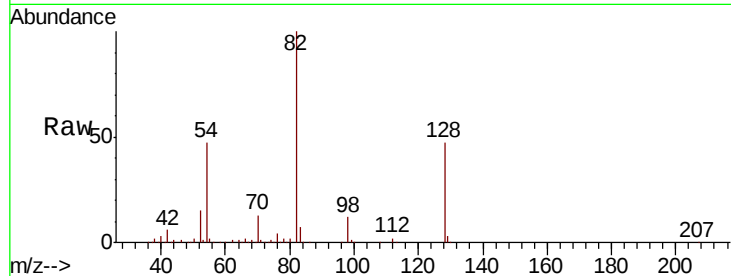




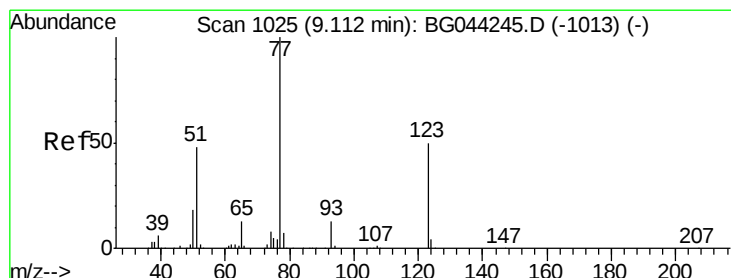
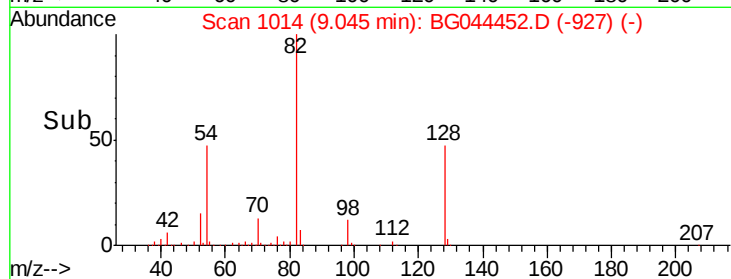
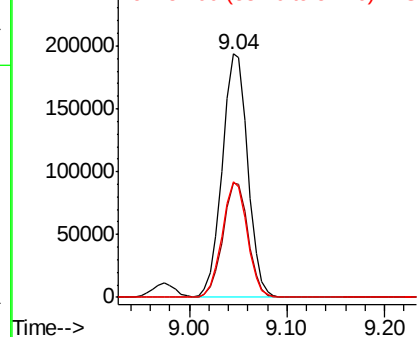
#23  
 Nitrobenzene-d5  
 Concen: 67.093 ng  
 RT: 9.04 min Scan# 1014  
 Delta R.T. -0.02 min  
 Lab File: BG044452.D  
 Acq: 17 Feb 2020 18:20

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion   | 82    | Resp  | 350261 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 47.1  | 36.5  | 54.7   |
| 54        | 47.3  | 38.6  | 58.0   |

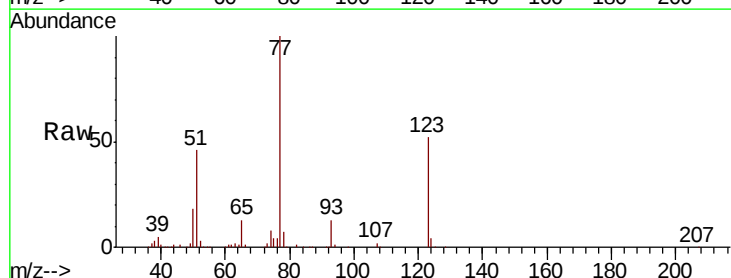


Abundance Ion 82.00 (81.70 to 82.70): BGC  
 Ion 128.00 (127.70 to 128.70): BGC  
 Ion 54.00 (53.70 to 54.70): BGC

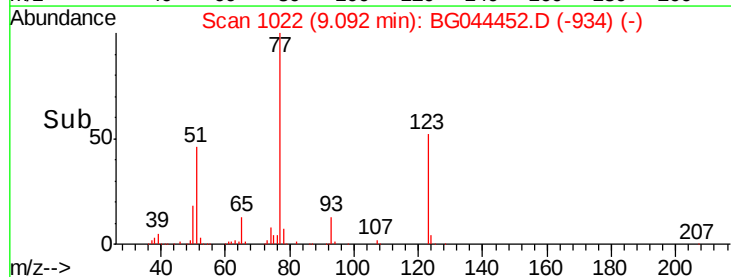
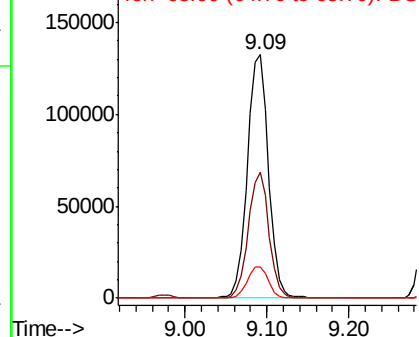


#24  
 Nitrobenzene  
 Concen: 46.568 ng  
 RT: 9.09 min Scan# 1022  
 Delta R.T. -0.01 min  
 Lab File: BG044452.D  
 Acq: 17 Feb 2020 18:20

| Tgt Ion   | 77    | Resp  | 237335 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 51.5  | 39.9  | 59.9   |
| 65        | 12.9  | 10.4  | 15.6   |



Abundance Ion 77.00 (76.70 to 77.70): BGC  
 Ion 123.00 (122.70 to 123.70): BGC  
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 47.786 ng

RT: 9.61 min Scan# 1111

Delta R.T. -0.02 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

Instrument :

BNA\_G

ClientSampleId :

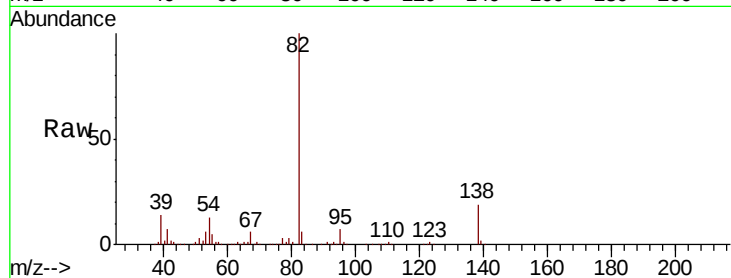
Tot Ion: 82 Resp: 464978

Ion Ratio Lower Upper

82 100

95 7.2 5.7 8.5

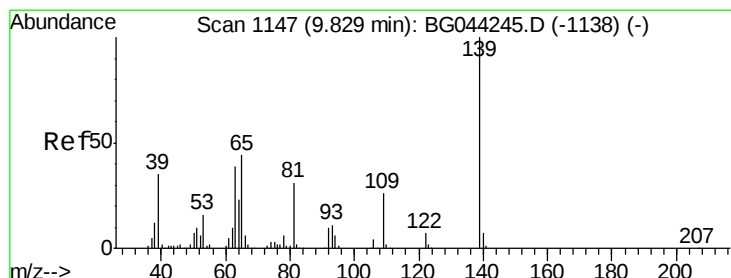
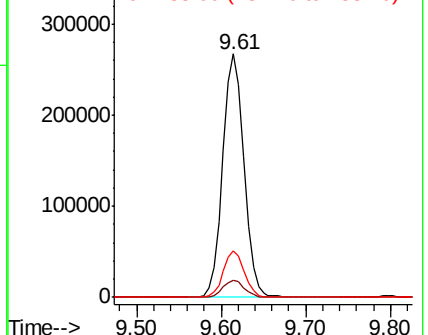
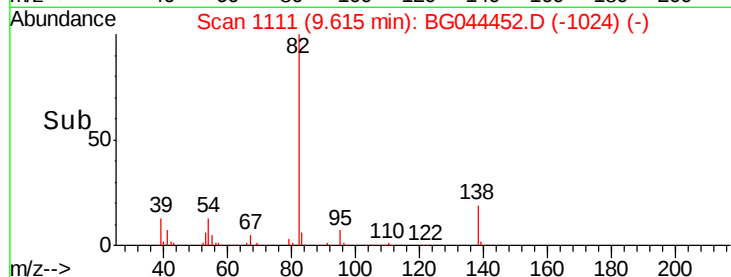
138 19.3 15.0 22.4



Abundance Ion 82.00 (81.70 to 82.70): BG044452.D (-1024) (-)

Ion 95.00 (94.70 to 95.70): BG044452.D (-1024) (-)

Ion 138.00 (137.70 to 138.70): BG044452.D (-1024) (-)



#26

2-Nitrophenol

Concen: 51.208 ng

RT: 9.80 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

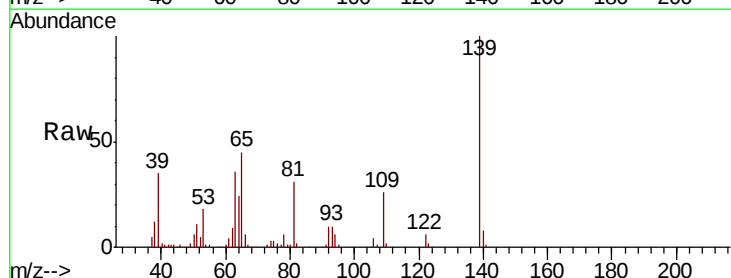
Tgt Ion: 139 Resp: 135419

Ion Ratio Lower Upper

139 100

109 25.9 21.0 31.4

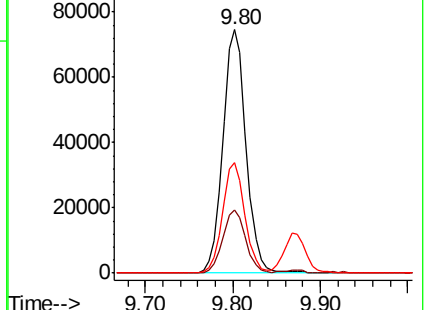
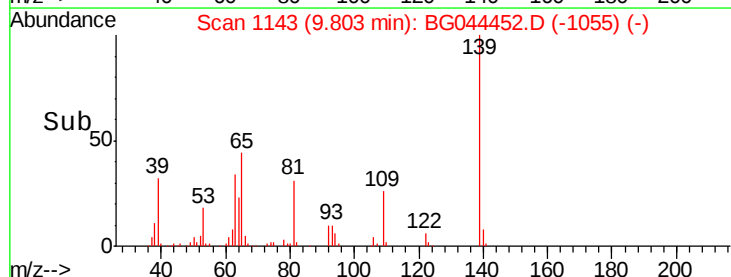
65 45.2 35.0 52.4

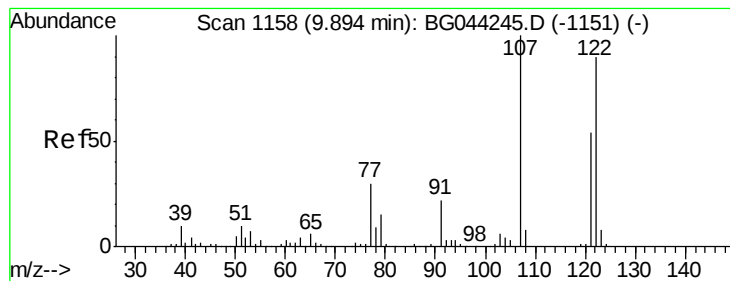


Abundance Ion 139.00 (138.70 to 139.70): BG044452.D (-1055) (-)

Ion 109.00 (108.70 to 109.70): BG044452.D (-1055) (-)

Ion 65.00 (64.70 to 65.70): BG044452.D (-1055) (-)





#27

2,4-Dimethylphenol

Concen: 60.375 ng

RT: 9.87 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

Instrument :

BNA\_G

ClientSampled :

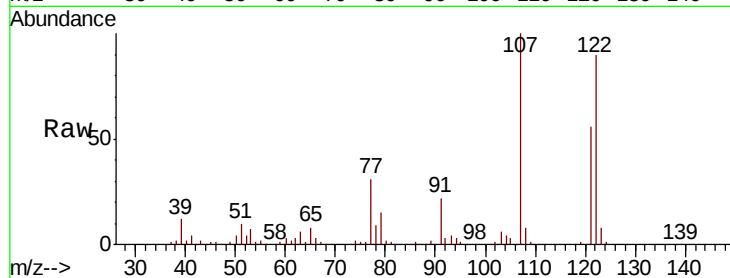
Tot Ion:122 Resp: 225380

Ion Ratio Lower Upper

122 100

107 110.8 88.8 133.2

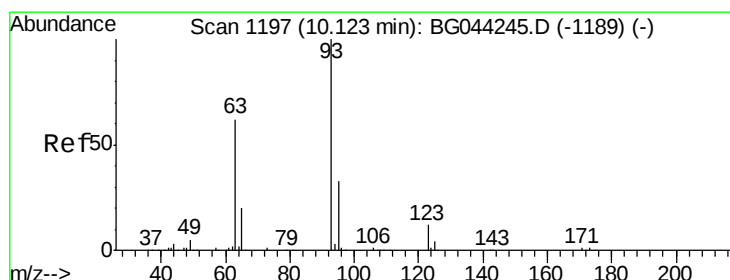
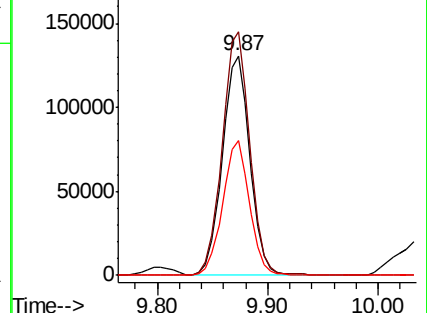
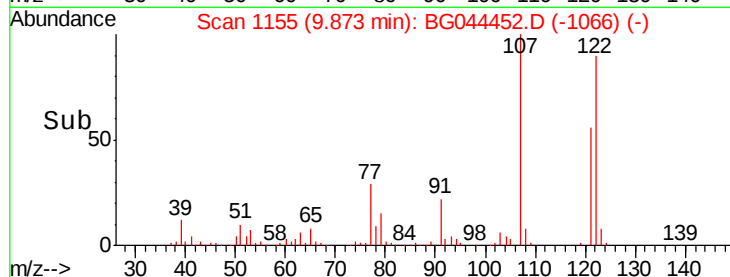
121 61.5 48.3 72.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.297 ng

RT: 10.10 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

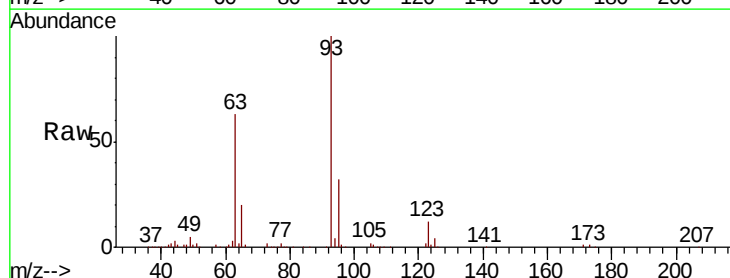
Tgt Ion: 93 Resp: 294028

Ion Ratio Lower Upper

93 100

95 32.3 26.6 40.0

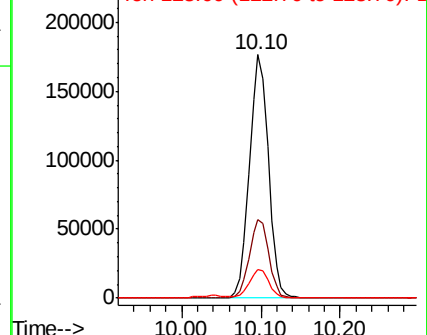
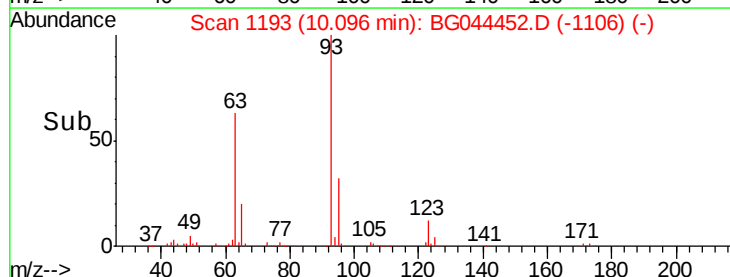
123 11.7 10.0 15.0



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

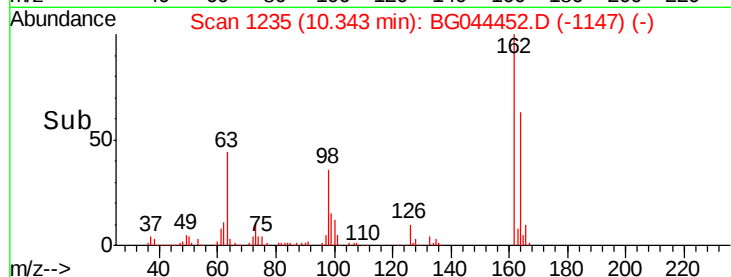
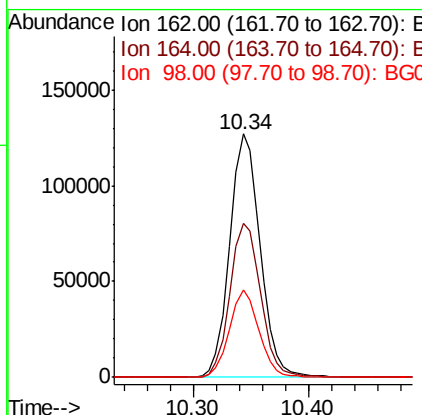
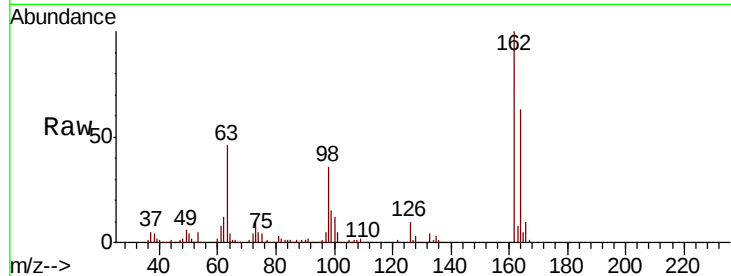




#29  
2,4-Dichlorophenol  
Concen: 51.499 ng  
RT: 10.34 min Scan# 1235  
Delta R.T. -0.01 min  
Lab File: BG044452.D  
Acq: 17 Feb 2020 18:20

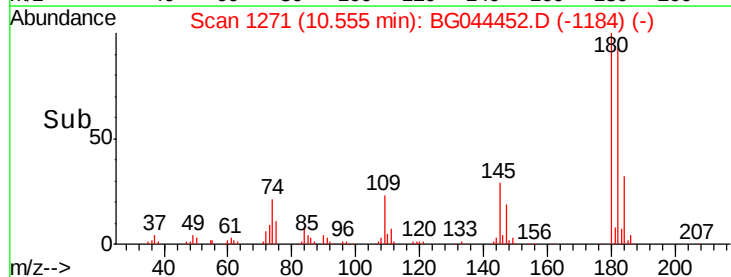
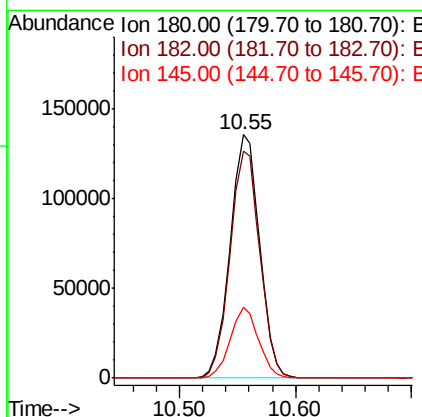
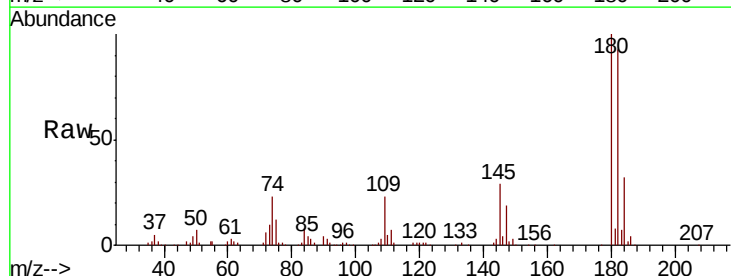
Instrument :  
BNA\_G  
ClientSampleId :

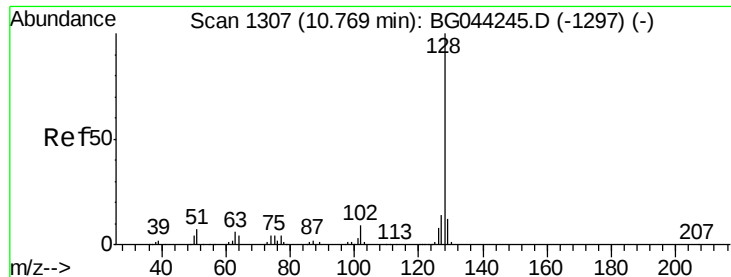
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.1  | 44.7  | 84.7  |
| 98      | 35.7  | 15.8  | 55.8  |



#30  
1,2,4-Trichlorobenzene  
Concen: 46.291 ng  
RT: 10.55 min Scan# 1271  
Delta R.T. -0.02 min  
Lab File: BG044452.D  
Acq: 17 Feb 2020 18:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.5  | 75.5  | 113.3 |
| 145     | 29.0  | 22.6  | 34.0  |

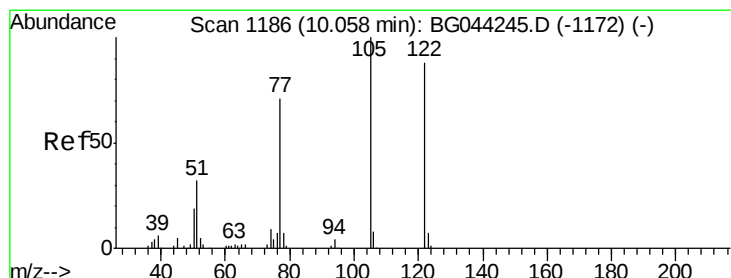
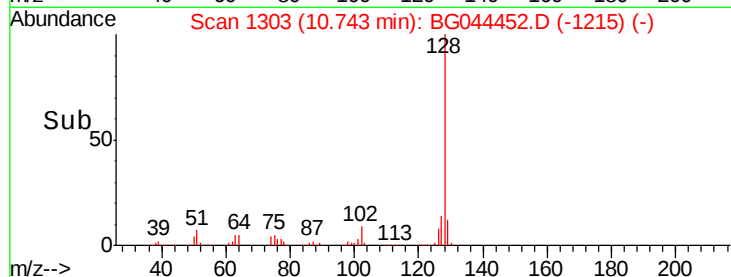
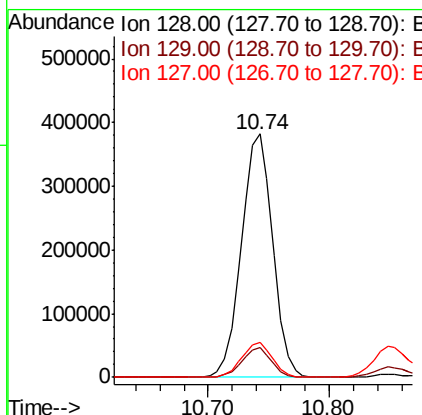
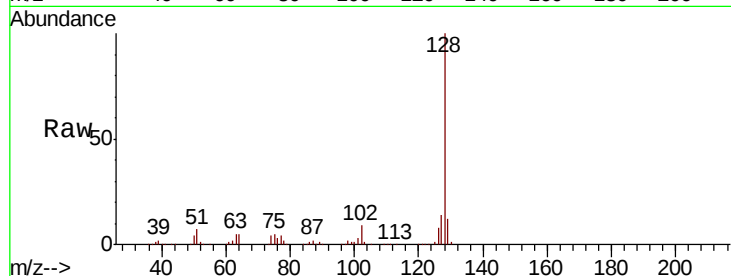




#31  
Naphthalene  
Concen: 48.057 ng  
RT: 10.74 min Scan# 1303  
Delta R.T. -0.01 min  
Lab File: BG044452.D  
Acq: 17 Feb 2020 18:20

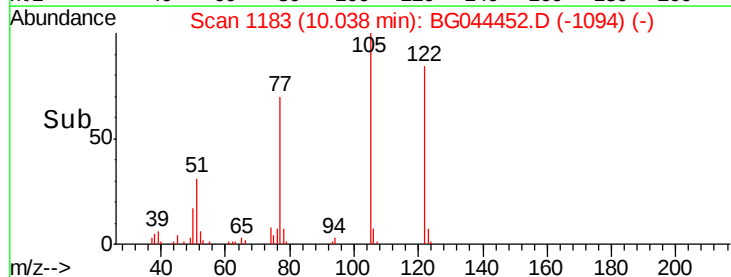
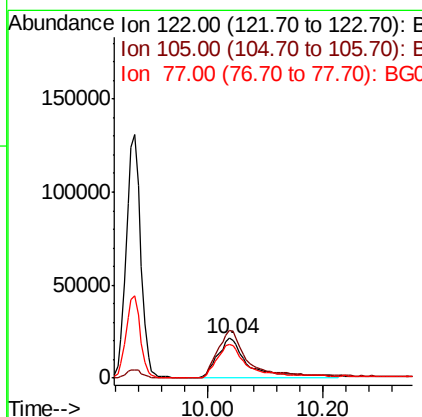
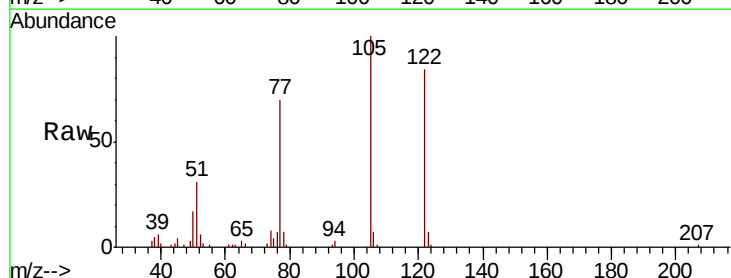
Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 12.1  | 9.3   | 13.9  |
| 127     | 14.2  | 11.6  | 17.4  |



#32  
Benzoic acid  
Concen: 36.868 ng  
RT: 10.04 min Scan# 1183  
Delta R.T. -0.01 min  
Lab File: BG044452.D  
Acq: 17 Feb 2020 18:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 119.3 | 93.5  | 133.5 |
| 77      | 83.6  | 61.0  | 101.0 |

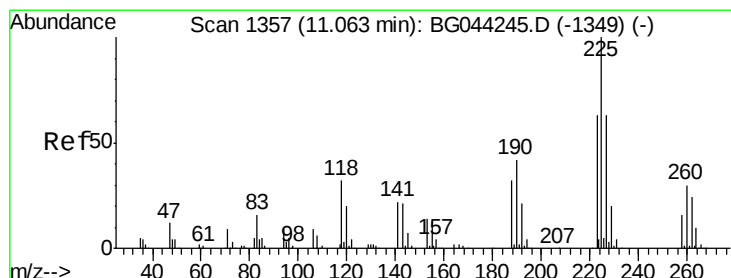
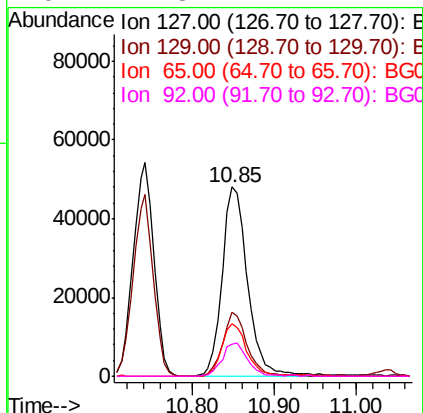
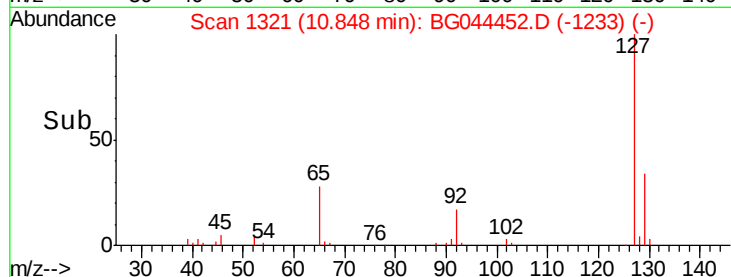
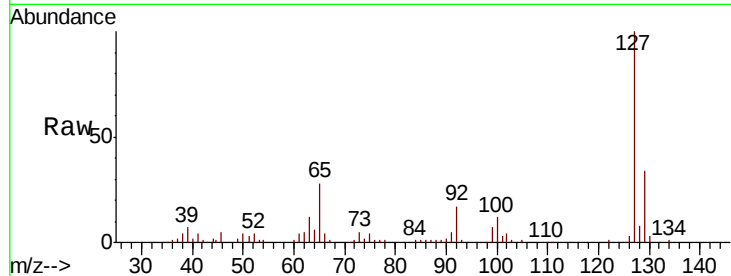




#33  
4-Chloroaniline  
Concen: 16.159 ng  
RT: 10.85 min Scan# 1321  
Delta R.T. -0.01 min  
Lab File: BG044452.D  
Acq: 17 Feb 2020 18:20

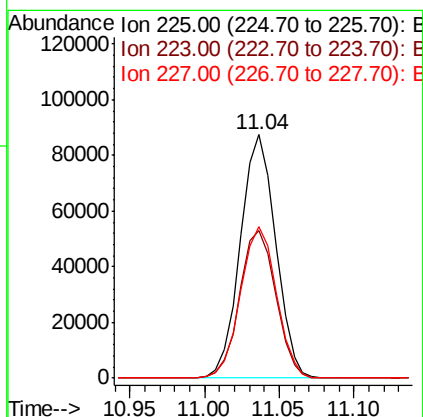
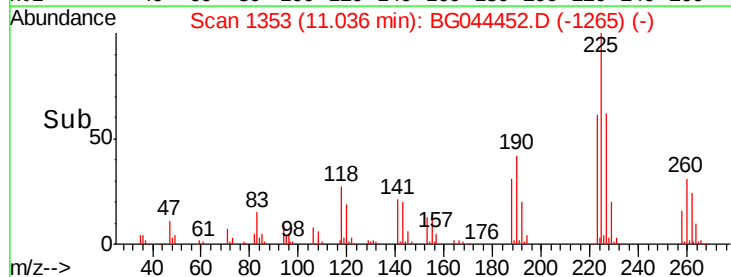
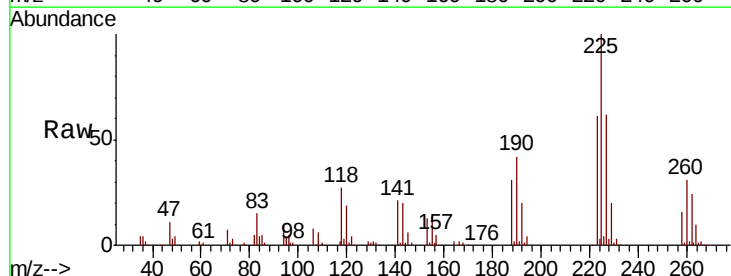
Instrument :  
BNA\_G  
ClientSampleId :

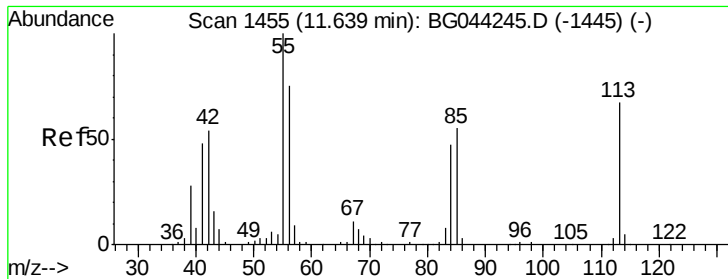
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 105089 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.8  | 26.6  | 40.0   |
| 65       | 27.9  | 22.5  | 33.7   |
| 92       | 17.3  | 14.1  | 21.1   |



#34  
Hexachlorobutadiene  
Concen: 45.130 ng  
RT: 11.04 min Scan# 1353  
Delta R.T. -0.01 min  
Lab File: BG044452.D  
Acq: 17 Feb 2020 18:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 143731 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 60.6  | 50.2  | 75.4   |
| 227      | 62.3  | 50.8  | 76.2   |

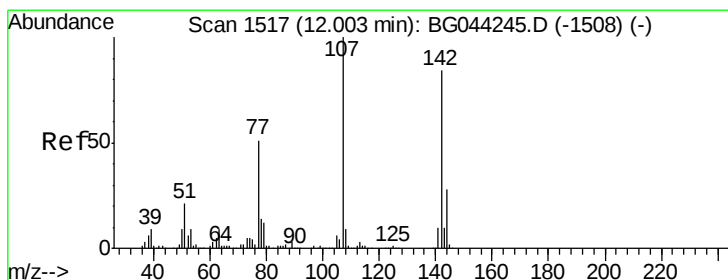
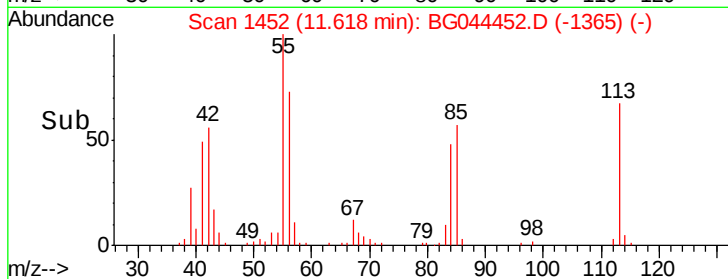
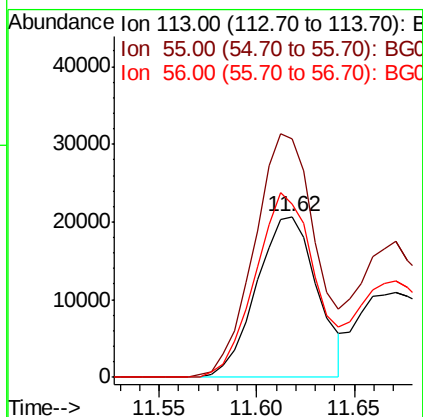
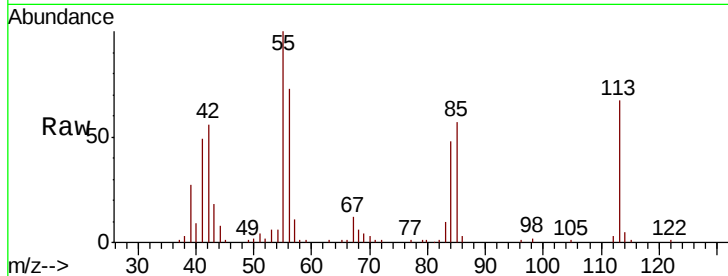




#35  
Caprolactam  
Concen: 26.918 ng  
RT: 11.62 min Scan# 1452  
Delta R.T. -0.02 min  
Lab File: BG044452.D  
Acq: 17 Feb 2020 18:20

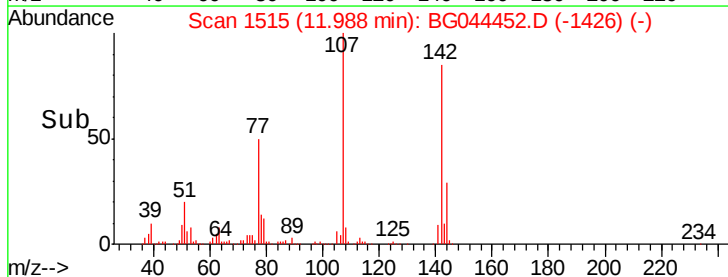
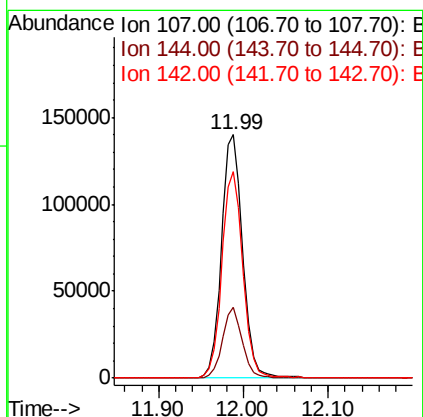
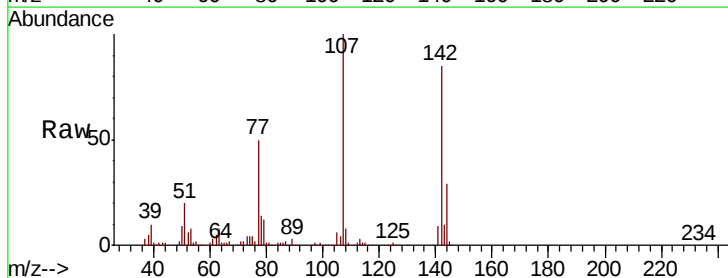
Instrument :  
BNA\_G  
ClientSampled :

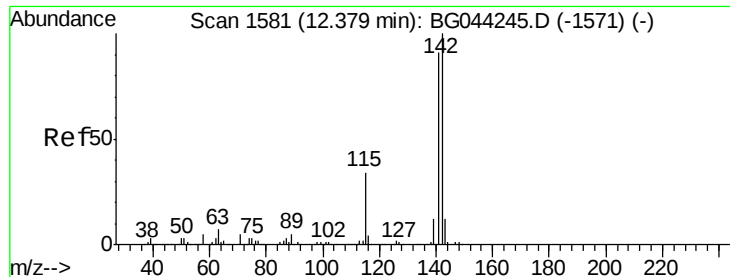
Tot Ion:113 Resp: 44509  
Ion Ratio Lower Upper  
113 100  
55 149.0 129.9 169.9  
56 108.2 92.5 132.5



#36  
4-Chloro-3-methylphenol  
Concen: 51.193 ng  
RT: 11.99 min Scan# 1515  
Delta R.T. -0.01 min  
Lab File: BG044452.D  
Acq: 17 Feb 2020 18:20

Tgt Ion:107 Resp: 242275  
Ion Ratio Lower Upper  
107 100  
144 28.9 22.2 33.4  
142 84.9 67.4 101.0

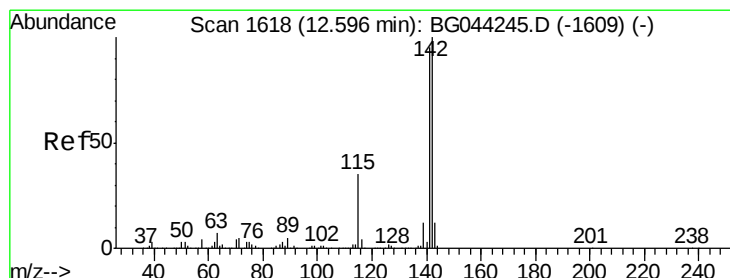
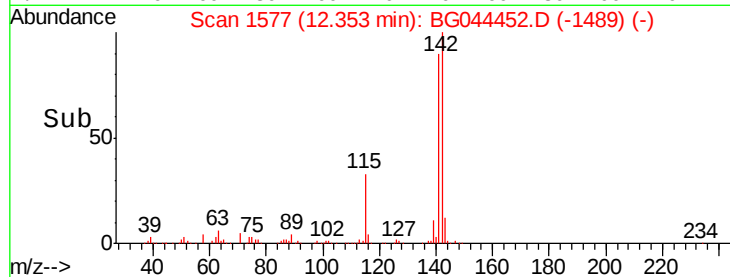
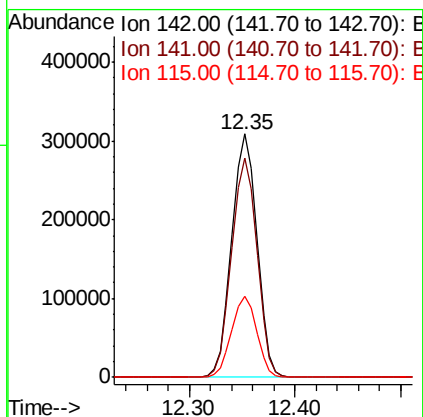
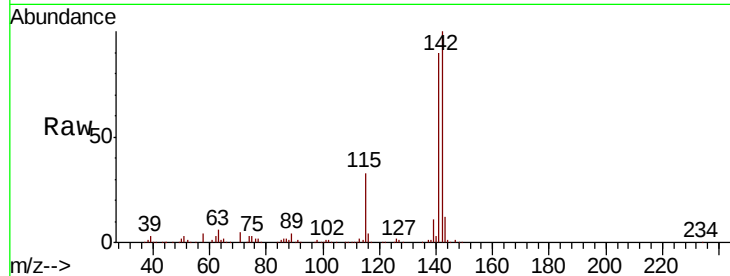




#37  
 2-Methylnaphthalene  
 Concen: 48.133 ng  
 RT: 12.35 min Scan# 1577  
 Delta R.T. -0.01 min  
 Lab File: BG044452.D  
 Acq: 17 Feb 2020 18:20

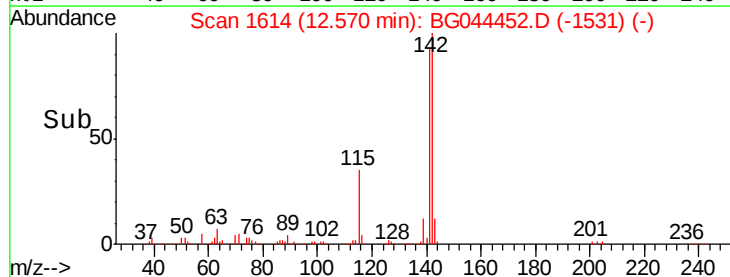
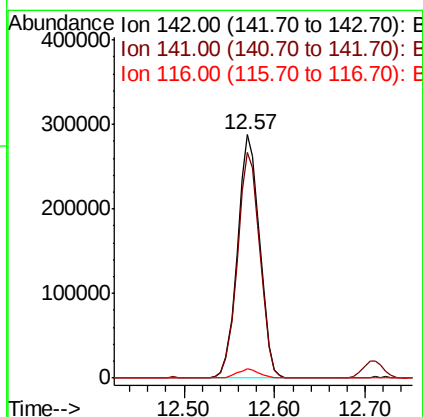
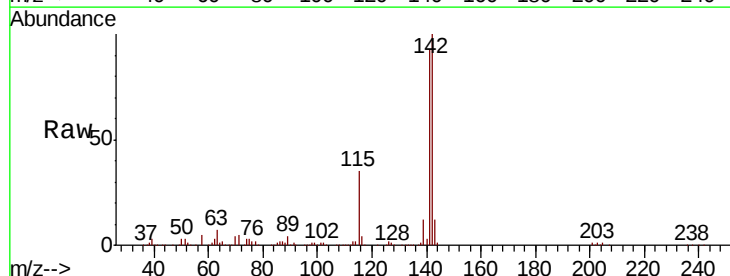
Instrument :  
 BNA\_G  
 ClientSampleId :

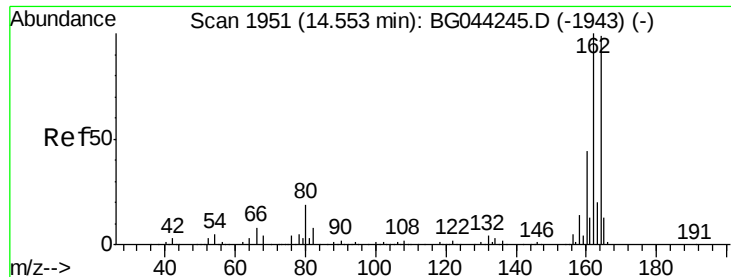
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.1  | 73.2  | 109.8 |
| 115     | 33.1  | 27.1  | 40.7  |



#38  
 1-Methylnaphthalene  
 Concen: 48.895 ng  
 RT: 12.57 min Scan# 1614  
 Delta R.T. -0.01 min  
 Lab File: BG044452.D  
 Acq: 17 Feb 2020 18:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.9  | 75.8  | 113.6 |
| 116     | 3.6   | 3.1   | 4.7   |

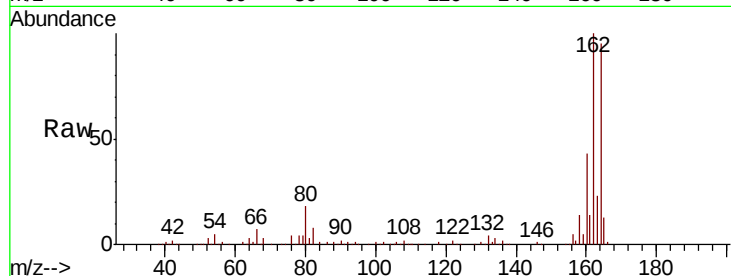




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.53 min Scan# 1948  
Delta R.T. -0.01 min  
Lab File: BG044452.D  
Acq: 17 Feb 2020 18:20

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 105.1 | 80.7  | 121.1 |
| 160     | 44.8  | 35.3  | 52.9  |

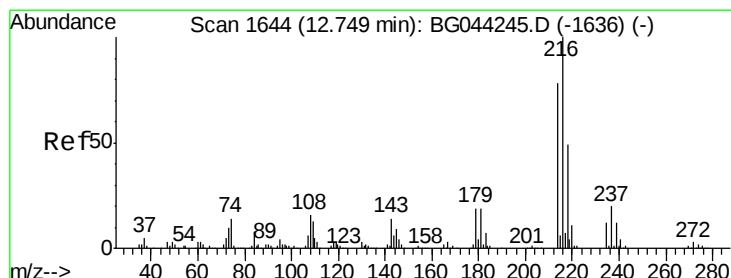
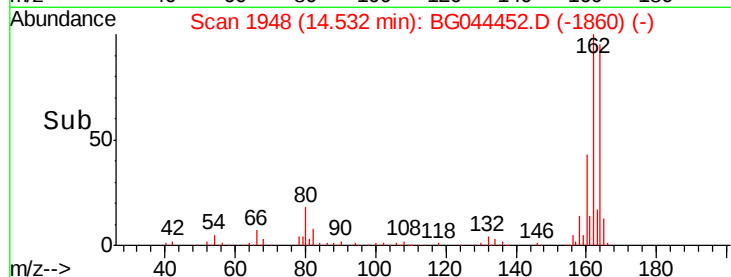
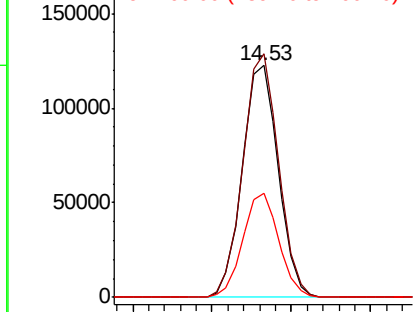


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 44.577 ng  
RT: 12.73 min Scan# 1641  
Delta R.T. -0.01 min  
Lab File: BG044452.D  
Acq: 17 Feb 2020 18:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.1  | 63.0  | 94.6  |
| 179     | 20.6  | 16.2  | 24.4  |
| 108     | 17.8  | 13.5  | 20.3  |

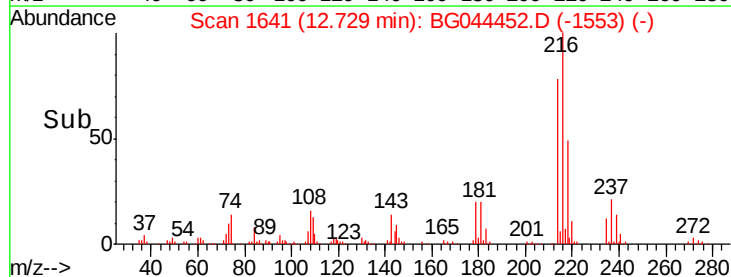
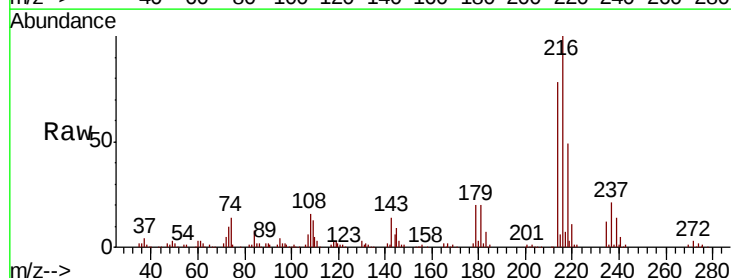
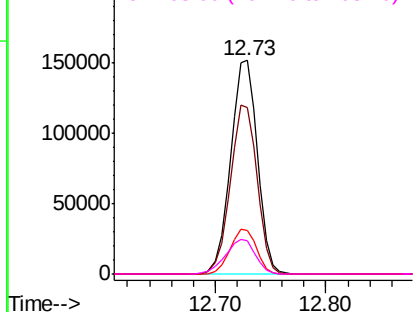
Abundance

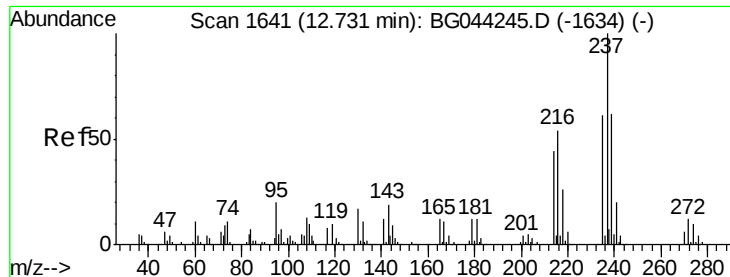
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 103.081 ng

RT: 12.71 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

Instrument :

BNA\_G

ClientSampleId :

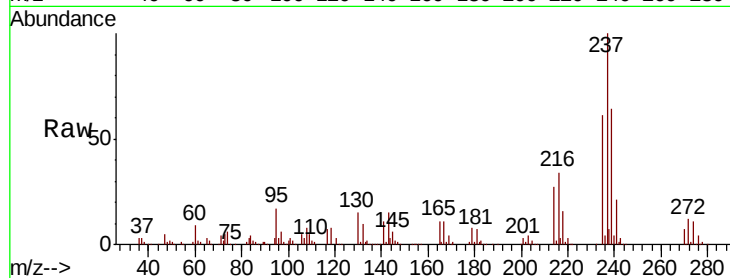
Tot Ion: 237 Resp: 285915

Ion Ratio Lower Upper

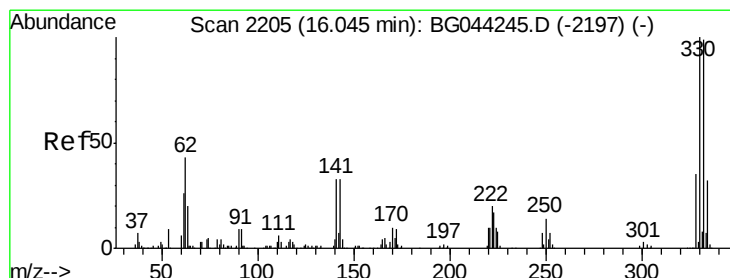
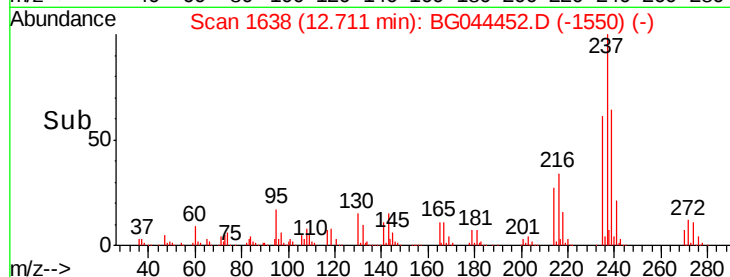
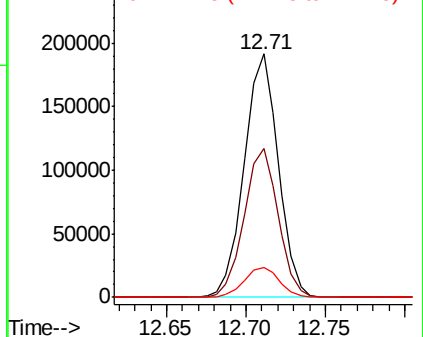
237 100

235 60.9 41.2 81.2

272 12.3 0.0 32.4



Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 100.921 ng

RT: 16.02 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

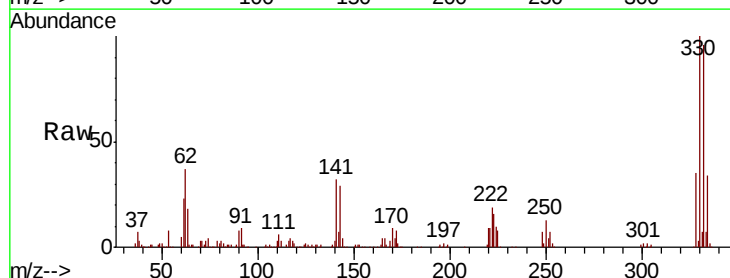
Tgt Ion: 330 Resp: 228948

Ion Ratio Lower Upper

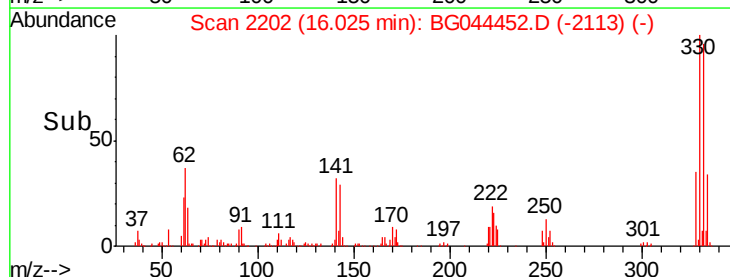
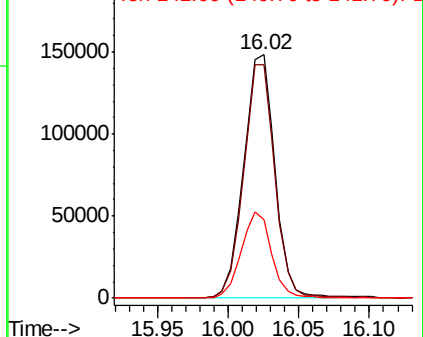
330 100

332 96.6 77.2 115.8

141 34.6 28.3 42.5



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

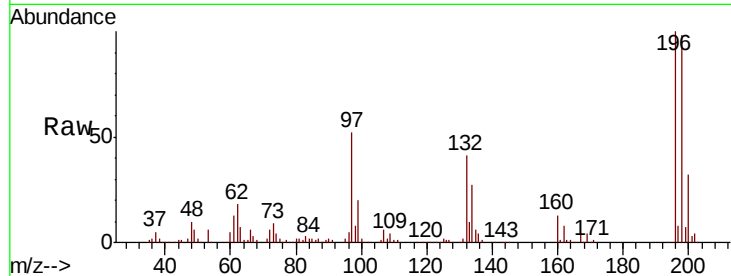




#43  
 2,4,6-Trichlorophenol  
 Concen: 49.365 ng  
 RT: 12.96 min Scan# 1681  
 Delta R.T. -0.01 min  
 Lab File: BG044452.D  
 Acq: 17 Feb 2020 18:20

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | 196   | Resp  | 184449 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 196     | 100   |       |        |
| 198     | 98.3  | 79.3  | 118.9  |
| 200     | 32.1  | 25.7  | 38.5   |

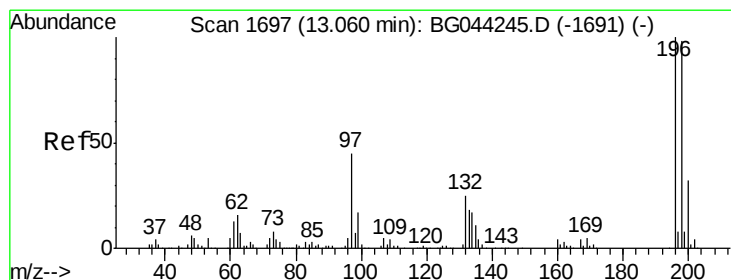
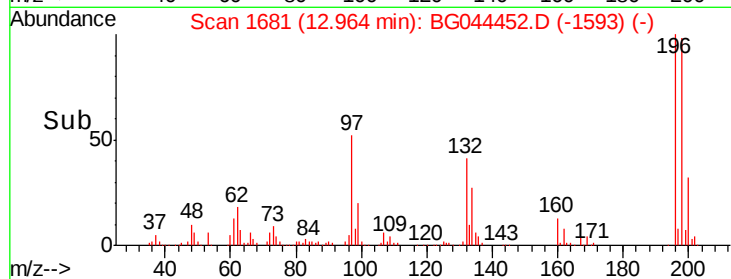
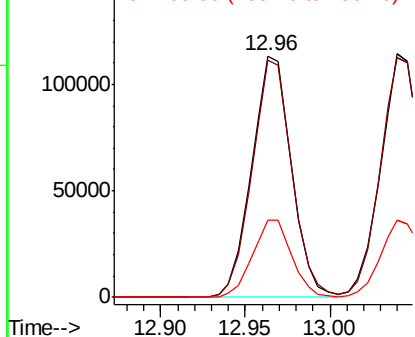


Abundance

Ion 196.00 (195.70 to 196.70): E

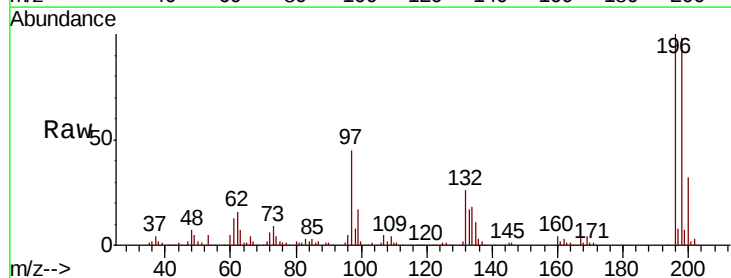
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44  
 2,4,5-Trichlorophenol  
 Concen: 51.114 ng  
 RT: 13.04 min Scan# 1694  
 Delta R.T. -0.01 min  
 Lab File: BG044452.D  
 Acq: 17 Feb 2020 18:20

| Tgt Ion | 196   | Resp  | 195072 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 196     | 100   |       |        |
| 198     | 98.2  | 78.2  | 117.2  |
| 97      | 44.6  | 36.2  | 54.4   |
| 132     | 25.7  | 20.2  | 30.4   |



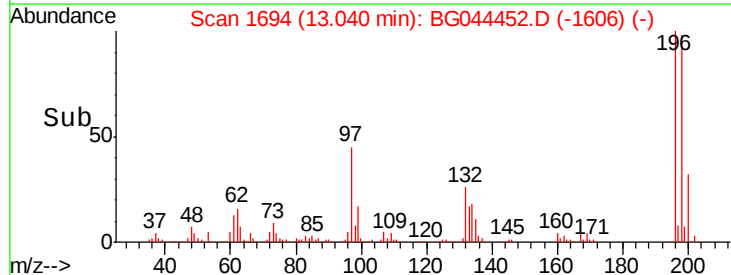
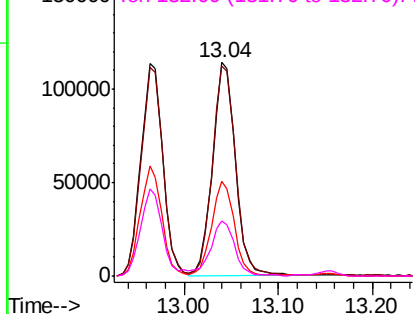
Abundance

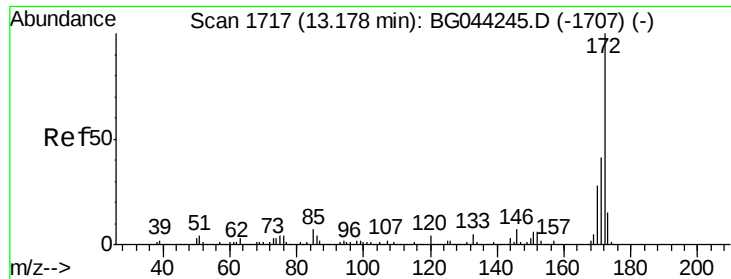
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

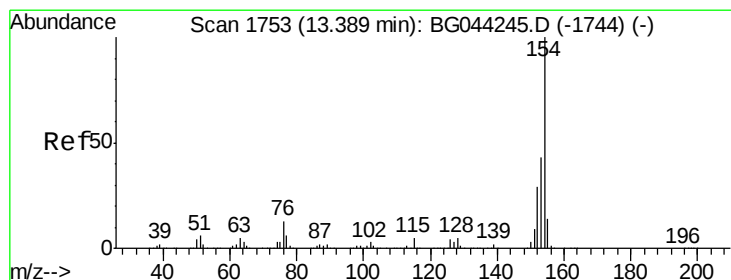
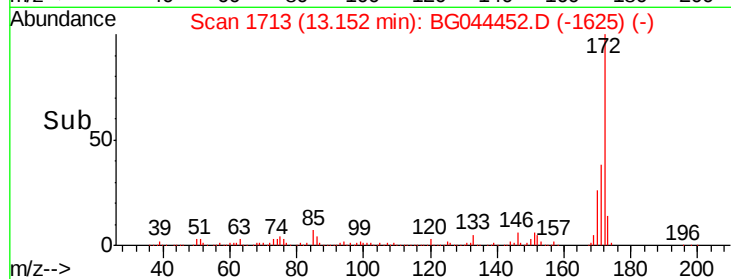
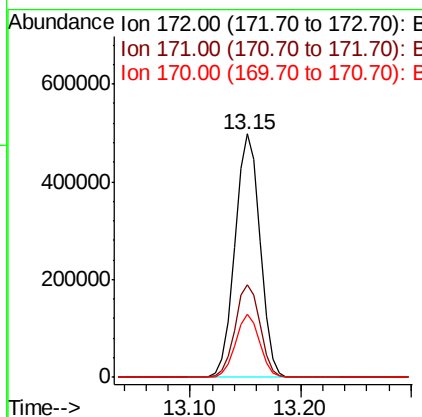
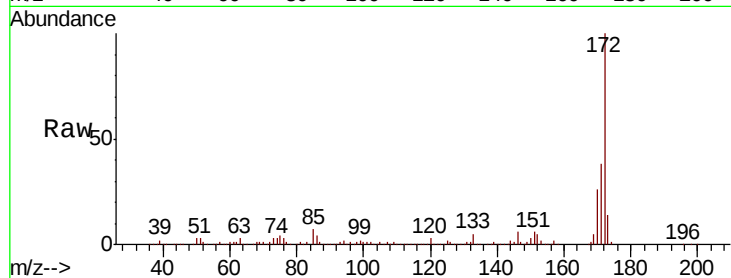




#45  
2-Fluorobiphenyl  
Concen: 68.849 ng  
RT: 13.15 min Scan# 1713  
Delta R.T. -0.01 min  
Lab File: BG044452.D  
Acq: 17 Feb 2020 18:20

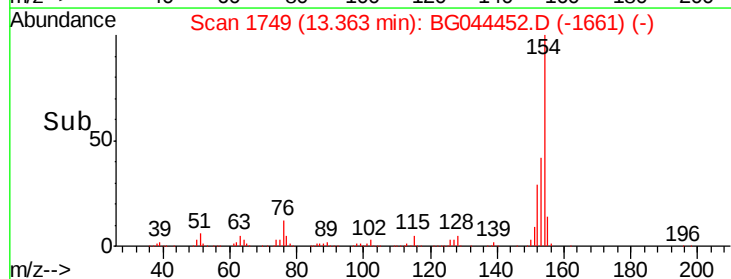
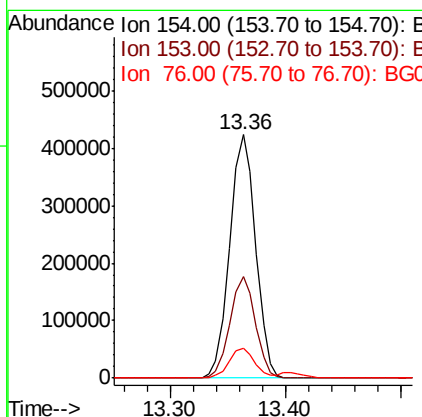
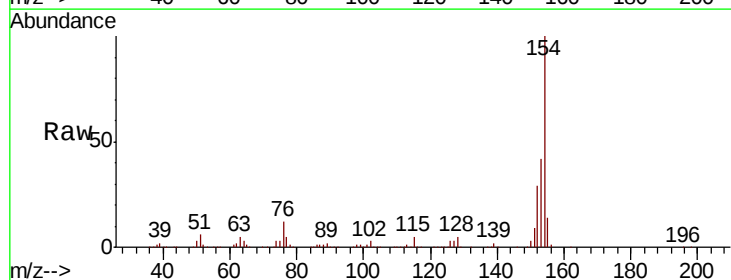
Instrument :  
BNA\_G  
ClientSampleId :

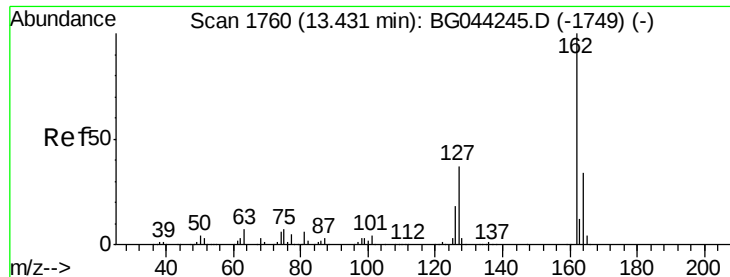
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 38.1  | 32.9  | 49.3  |
| 170     | 25.9  | 22.0  | 33.0  |



#46  
1,1'-Biphenyl  
Concen: 46.924 ng  
RT: 13.36 min Scan# 1749  
Delta R.T. -0.01 min  
Lab File: BG044452.D  
Acq: 17 Feb 2020 18:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.8  | 22.7  | 62.7  |
| 76      | 12.3  | 0.0   | 32.9  |

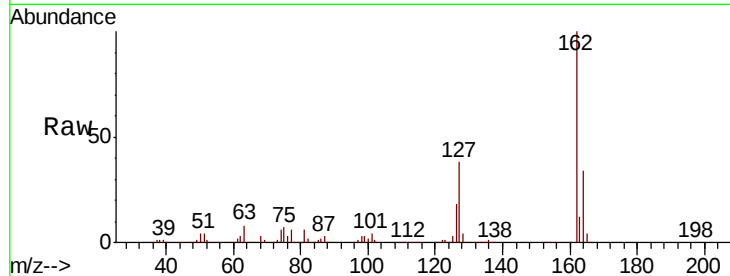




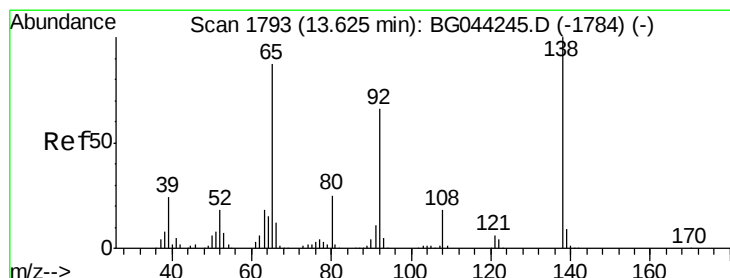
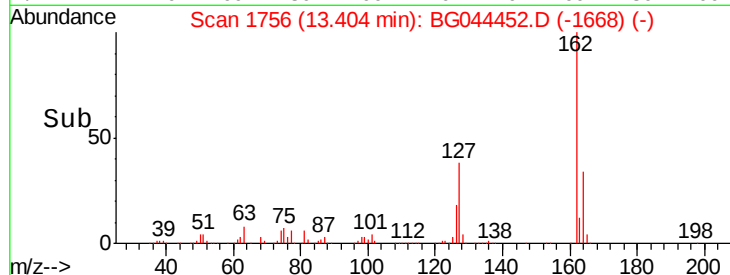
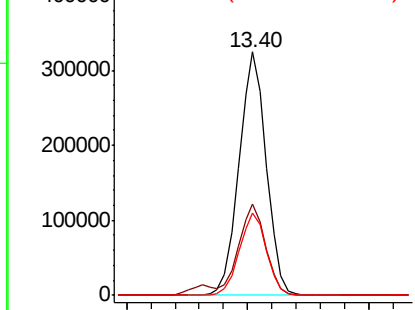
#47  
 2-Chloronaphthalene  
 Concen: 45.842 ng  
 RT: 13.40 min Scan# 1756  
 Delta R.T. -0.01 min  
 Lab File: BG044452.D  
 Acq: 17 Feb 2020 18:20

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:162 Resp: 508478  
 Ion Ratio Lower Upper  
 162 100  
 127 37.5 30.0 45.0  
 164 34.0 27.2 40.8

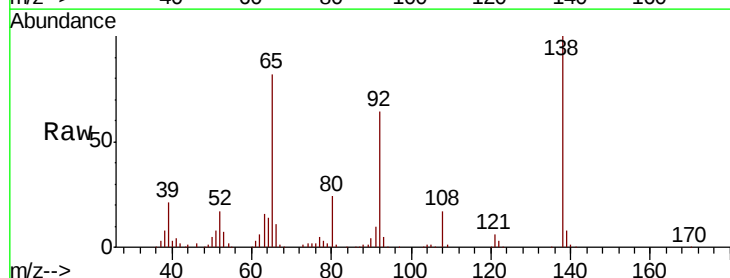


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

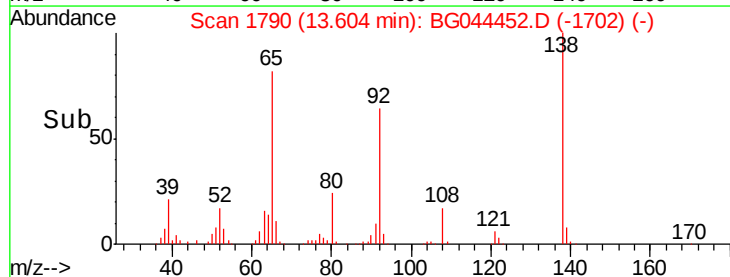
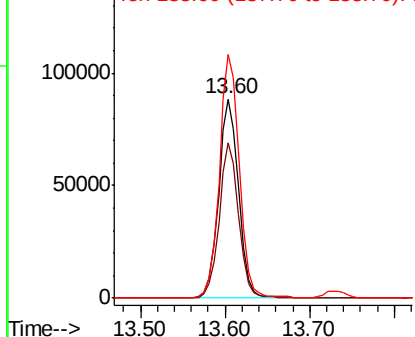


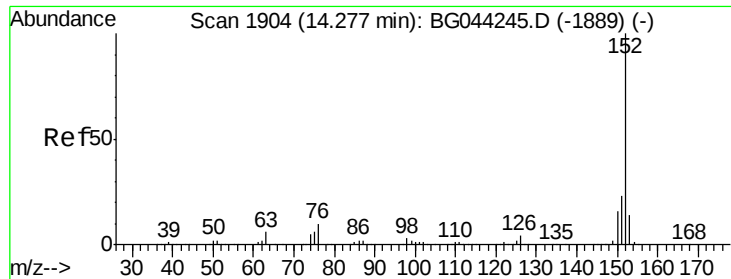
#48  
 2-Nitroaniline  
 Concen: 44.493 ng  
 RT: 13.60 min Scan# 1790  
 Delta R.T. -0.01 min  
 Lab File: BG044452.D  
 Acq: 17 Feb 2020 18:20

Tgt Ion: 65 Resp: 145644  
 Ion Ratio Lower Upper  
 65 100  
 92 78.0 60.3 90.5  
 138 122.2 91.9 137.9



Abundance Ion 65.00 (64.70 to 65.70): BGC  
 Ion 92.00 (91.70 to 92.70): BGC  
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 49.629 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

Instrument :

BNA\_G

ClientSampleId :

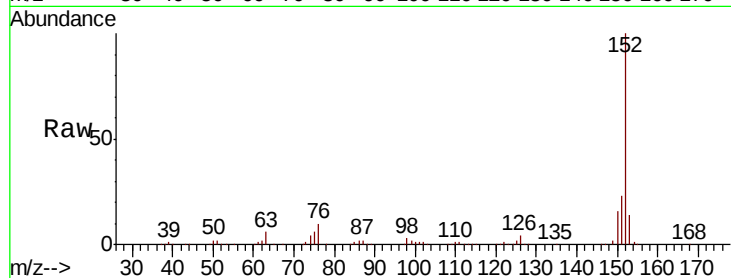
Tot Ion:152 Resp: 807416

Ion Ratio Lower Upper

152 100

151 22.6 18.1 27.1

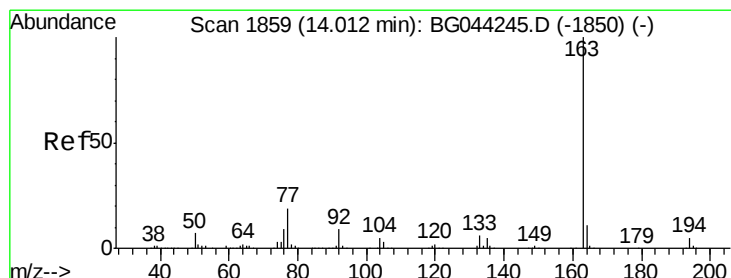
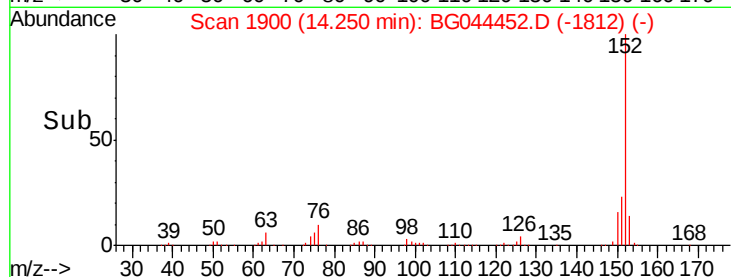
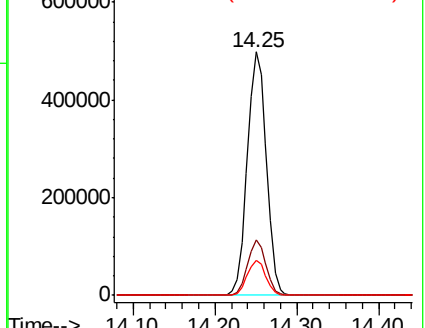
153 14.4 11.5 17.3



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: 49.254 ng

RT: 13.99 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

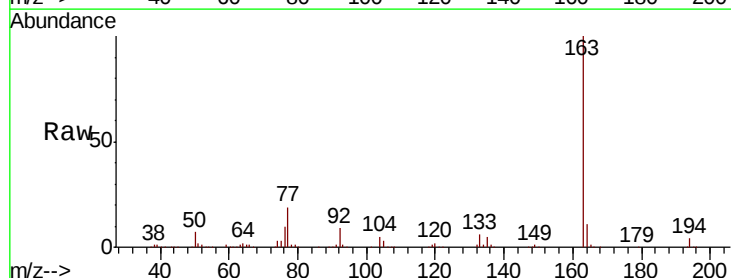
Tgt Ion:163 Resp: 684181

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

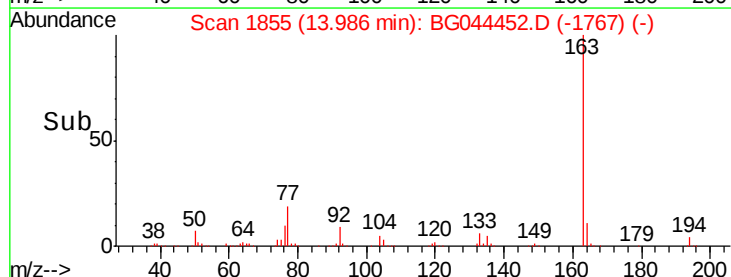
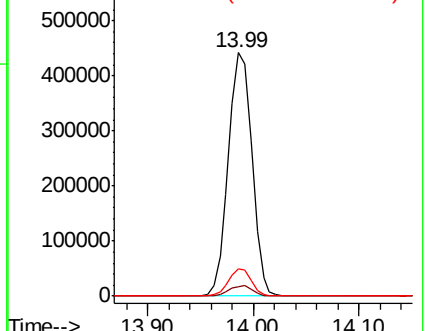
164 11.3 8.7 13.1

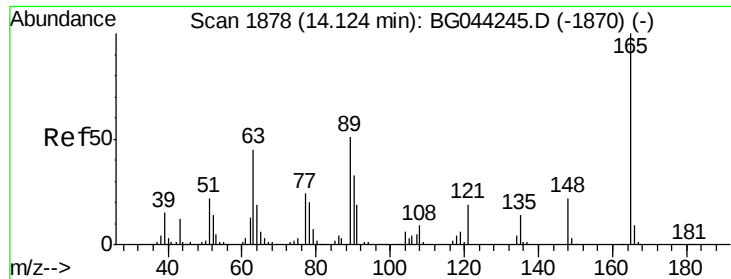


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 48.507 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

Instrument :

BNA\_G

ClientSampled :

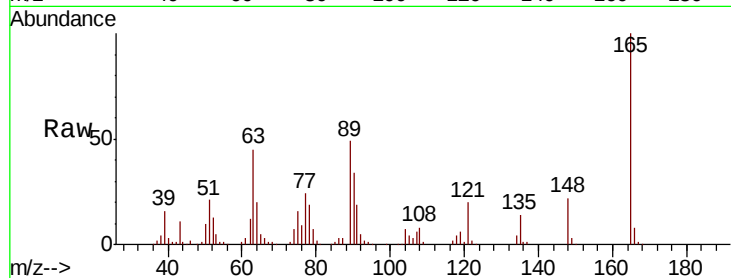
Tot Ion:165 Resp: 150237

Ion Ratio Lower Upper

165 100

63 44.9 38.7 58.1

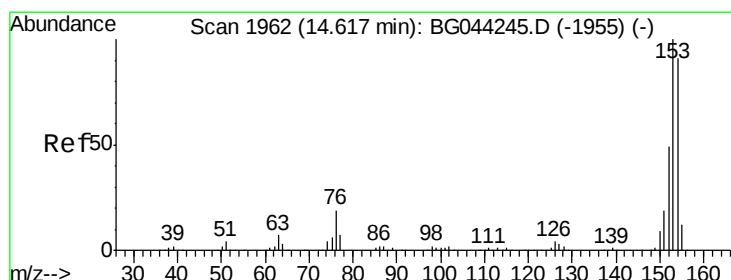
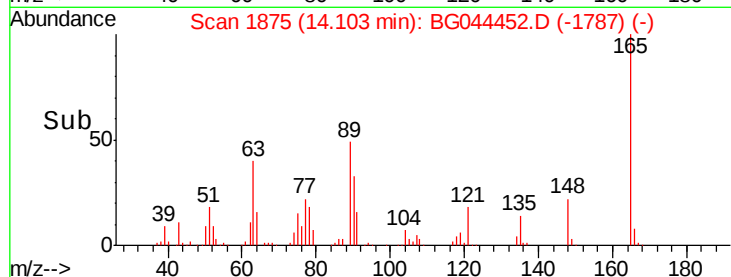
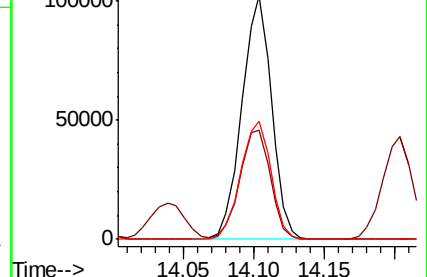
89 48.6 40.4 60.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 47.403 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

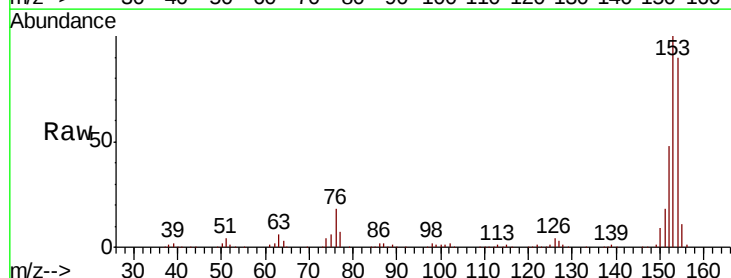
Tgt Ion:154 Resp: 499864

Ion Ratio Lower Upper

154 100

153 111.7 87.9 131.9

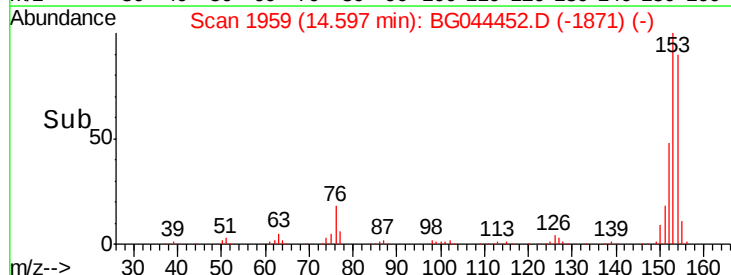
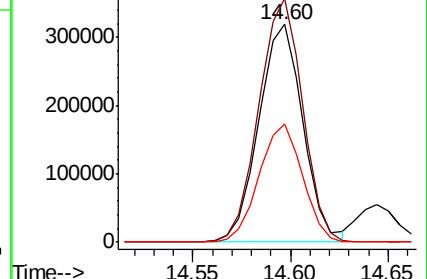
152 54.2 43.1 64.7

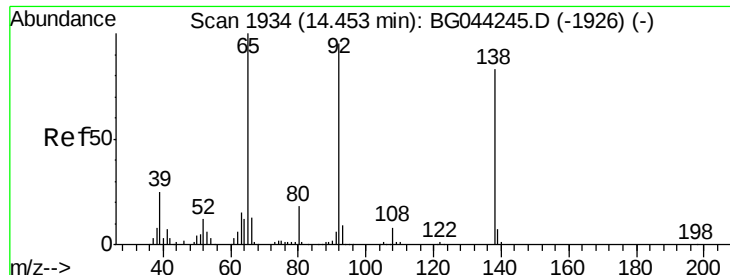


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

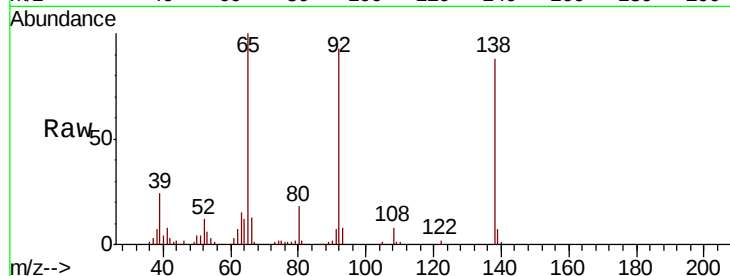




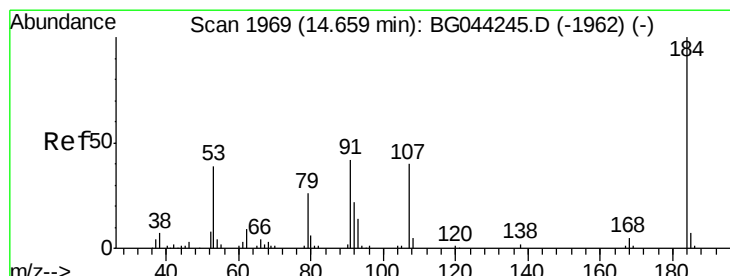
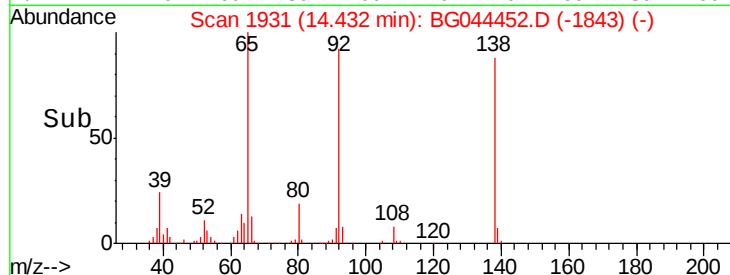
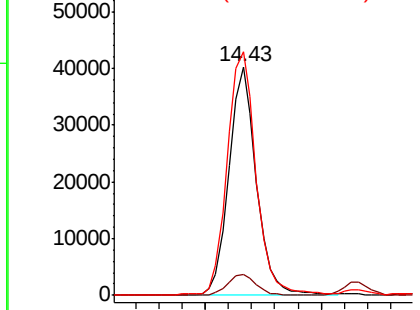
#53  
 3-Nitroaniline  
 Concen: 19.424 ng  
 RT: 14.43 min Scan# 1931  
 Delta R.T. -0.01 min  
 Lab File: BG044452.D  
 Acq: 17 Feb 2020 18:20

Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion:138 Resp: 66560  
 Ion Ratio Lower Upper  
 138 100  
 108 9.4 7.9 11.9  
 92 106.4 91.0 136.4

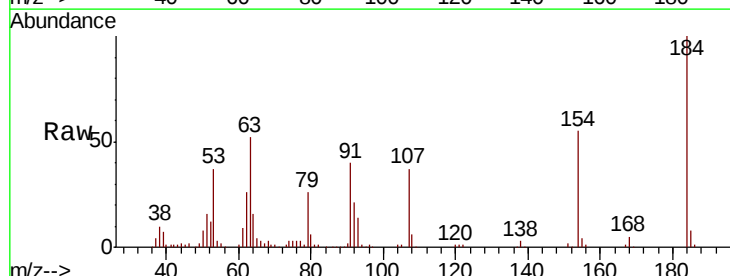


Abundance Ion 138.00 (137.70 to 138.70): E  
 Ion 108.00 (107.70 to 108.70): E  
 Ion 92.00 (91.70 to 92.70): BGC

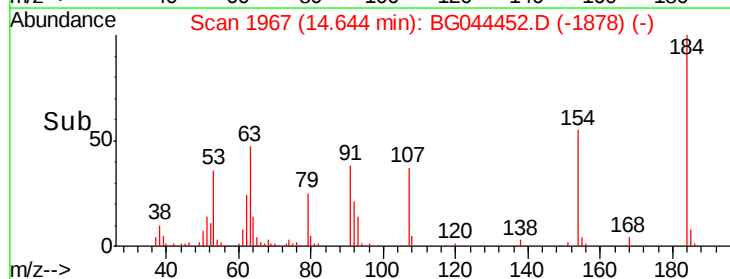
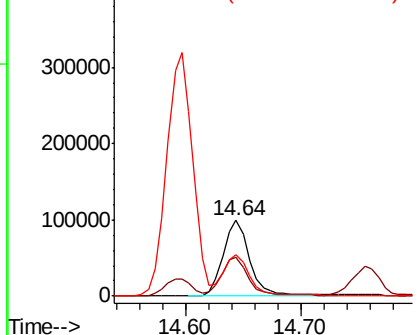


#54  
 2,4-Dinitrophenol  
 Concen: 87.680 ng  
 RT: 14.64 min Scan# 1967  
 Delta R.T. -0.01 min  
 Lab File: BG044452.D  
 Acq: 17 Feb 2020 18:20

Tgt Ion:184 Resp: 162398  
 Ion Ratio Lower Upper  
 184 100  
 63 51.9 44.1 66.1  
 154 54.8 45.4 68.0



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

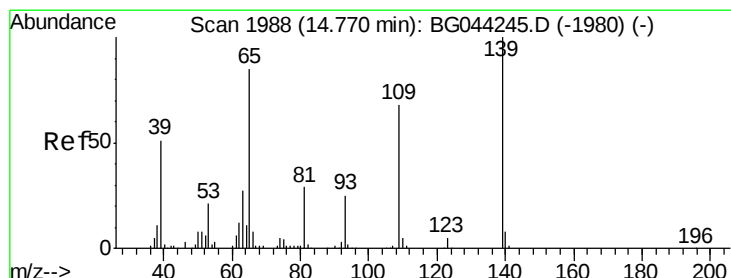
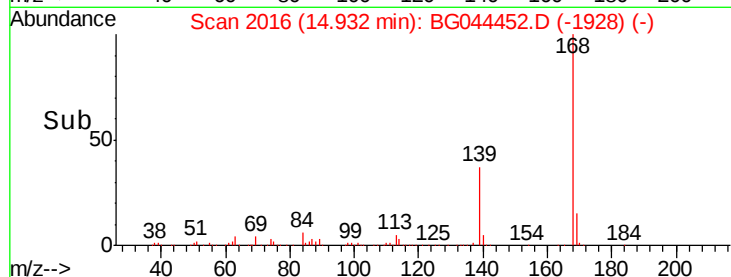
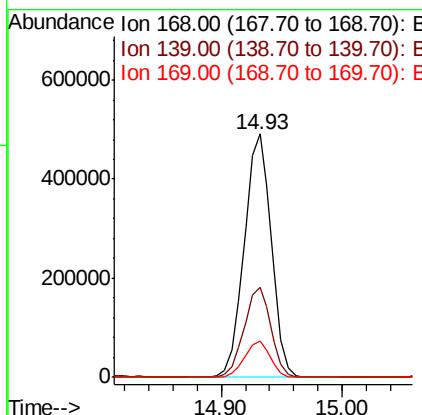
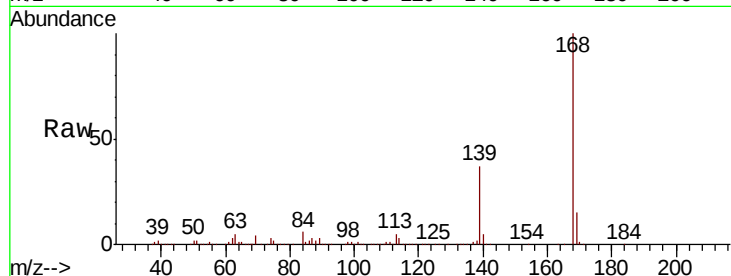




#55  
Dibenzofuran  
Concen: 47.925 ng  
RT: 14.93 min Scan# 2016  
Delta R.T. -0.01 min  
Lab File: BG044452.D  
Acq: 17 Feb 2020 18:20

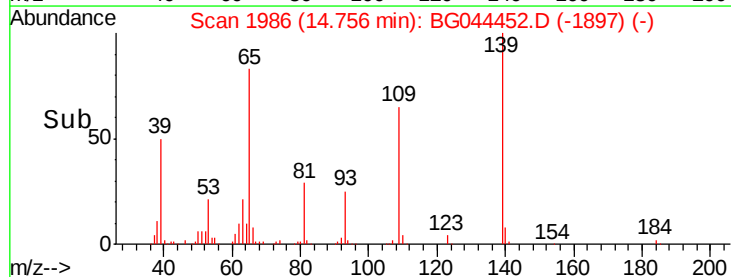
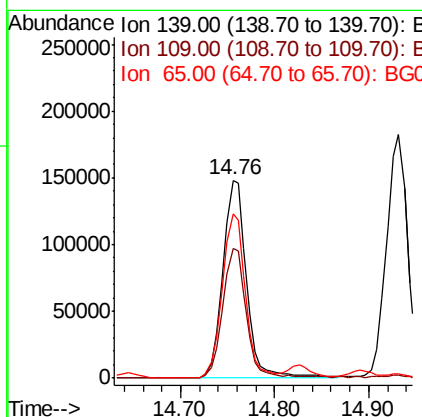
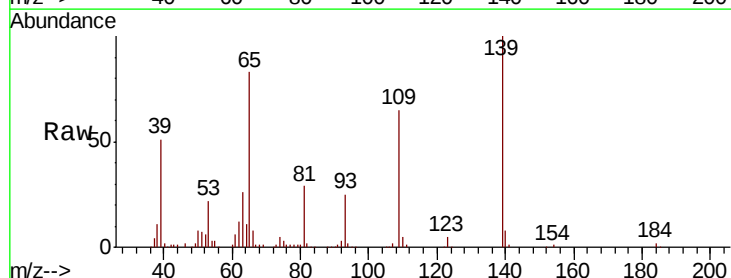
Instrument :  
BNA\_G  
ClientSampleId :

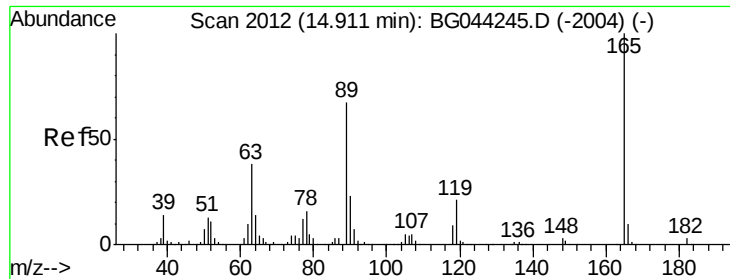
Tot Ion:168 Resp: 765156  
Ion Ratio Lower Upper  
168 100  
139 37.1 30.5 45.7  
169 14.7 11.7 17.5



#56  
4-Nitrophenol  
Concen: 103.963 ng  
RT: 14.76 min Scan# 1986  
Delta R.T. -0.01 min  
Lab File: BG044452.D  
Acq: 17 Feb 2020 18:20

Tgt Ion:139 Resp: 260948  
Ion Ratio Lower Upper  
139 100  
109 65.5 47.5 87.5  
65 83.0 64.9 104.9

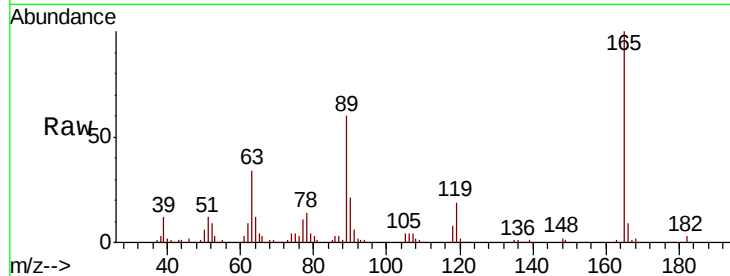




#57  
2,4-Dinitrotoluene  
Concen: 47.966 ng  
RT: 14.90 min Scan# 2010  
Delta R.T. -0.01 min  
Lab File: BG044452.D  
Acq: 17 Feb 2020 18:20

Instrument :  
BNA\_G  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 165   | Resp: | 208219 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 34.2  | 30.3  | 45.5   |
| 89       | 59.8  | 53.4  | 80.2   |
| 182      | 2.5   | 2.1   | 3.1    |



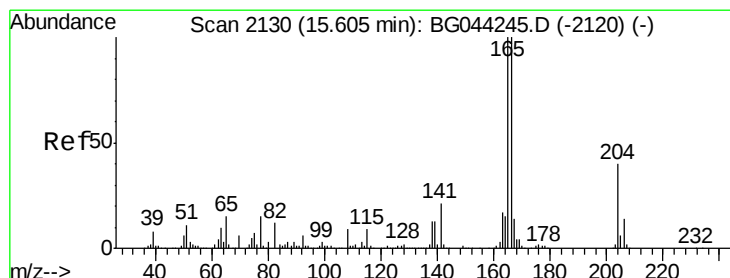
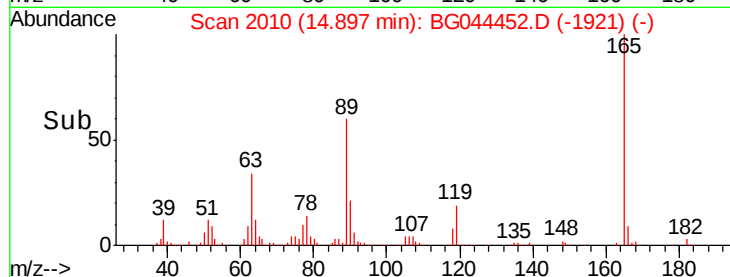
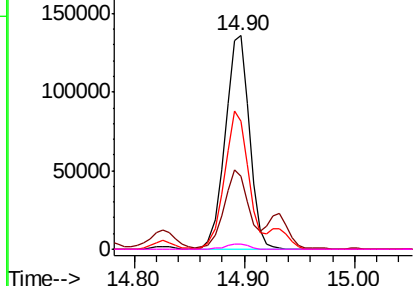
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

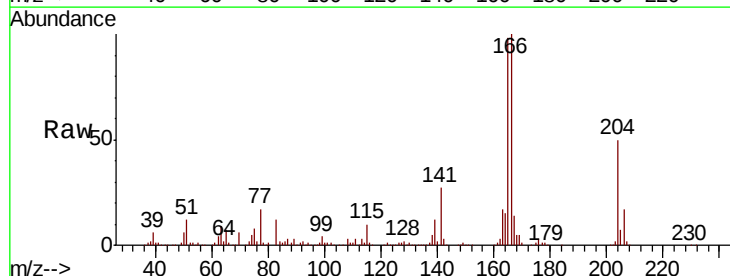
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 48.554 ng  
RT: 15.58 min Scan# 2126  
Delta R.T. -0.01 min  
Lab File: BG044452.D  
Acq: 17 Feb 2020 18:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 166   | Resp: | 610566 |
| Ion      | Ratio | Lower | Upper  |
| 166      | 100   |       |        |
| 165      | 98.2  | 79.9  | 119.9  |
| 167      | 13.8  | 11.4  | 17.0   |

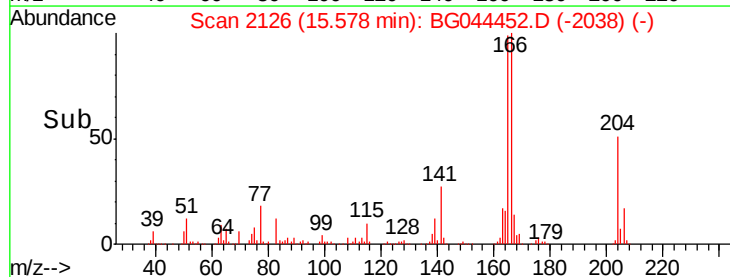
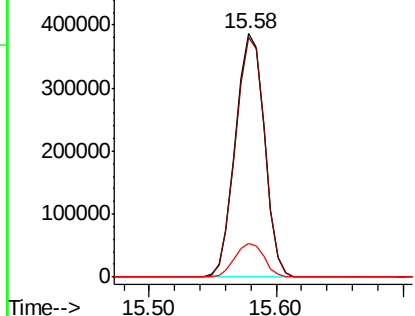


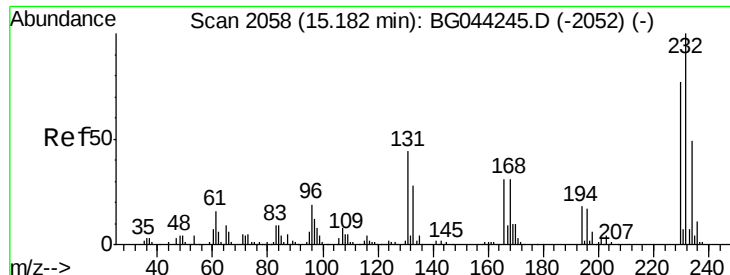
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

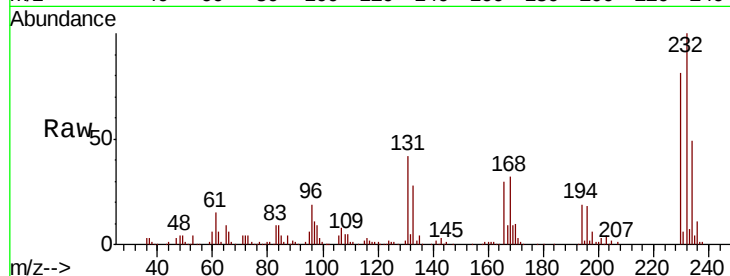




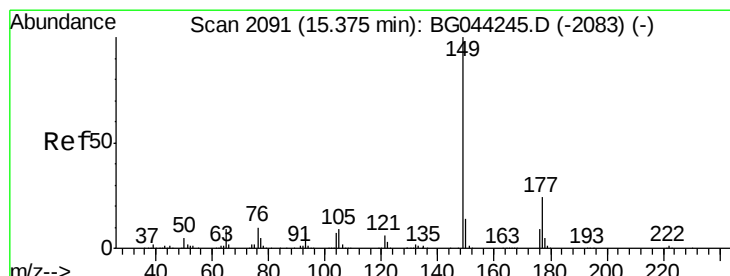
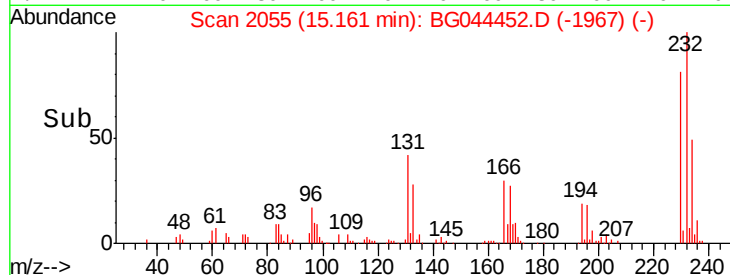
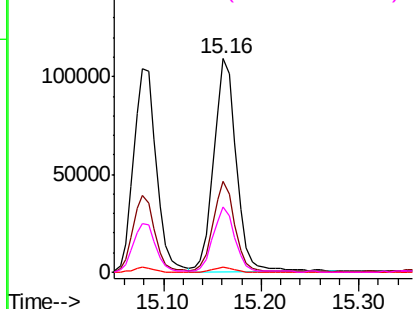
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 50.527 ng  
 RT: 15.16 min Scan# 2055  
 Delta R.T. -0.01 min  
 Lab File: BG044452.D  
 Acq: 17 Feb 2020 18:20

Instrument :  
 BNA\_G  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 174176 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 40.9  | 34.2  | 51.4   |
| 130      | 2.2   | 1.8   | 2.8    |
| 166      | 29.5  | 23.8  | 35.8   |

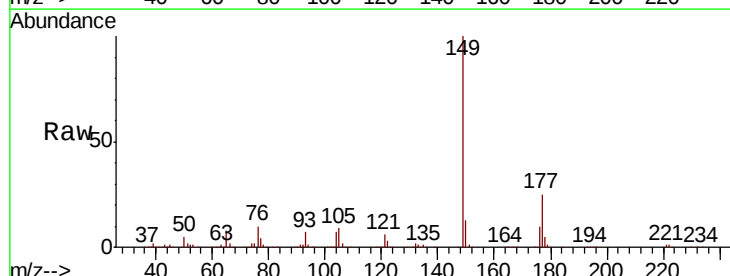


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

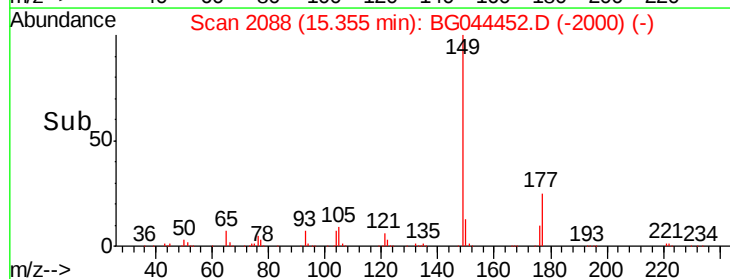
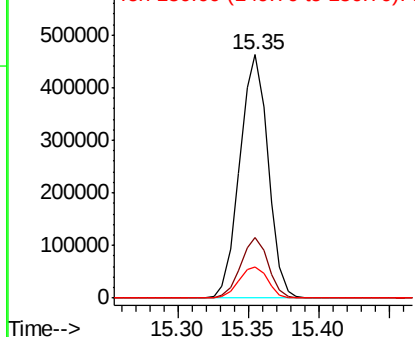


#60  
 Diethylphthalate  
 Concen: 46.923 ng  
 RT: 15.35 min Scan# 2088  
 Delta R.T. -0.01 min  
 Lab File: BG044452.D  
 Acq: 17 Feb 2020 18:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 649483 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 24.7  | 19.4  | 29.0   |
| 150      | 12.9  | 10.9  | 16.3   |



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

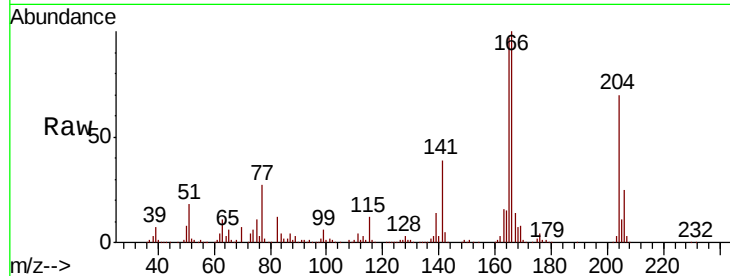




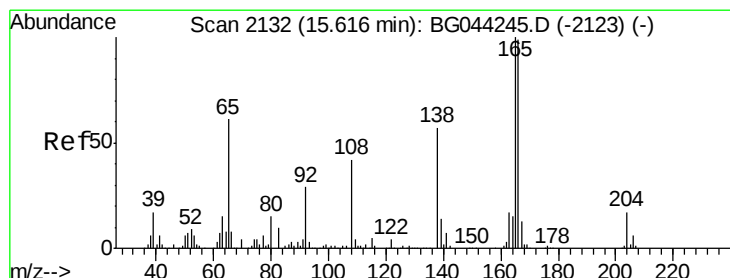
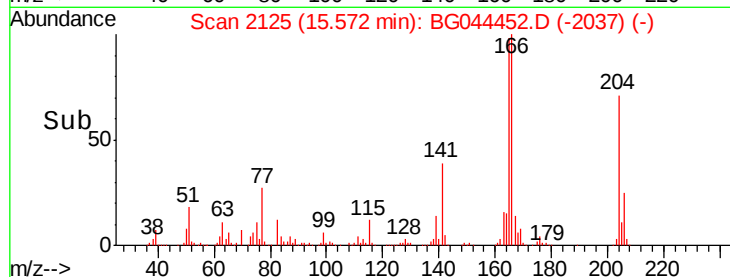
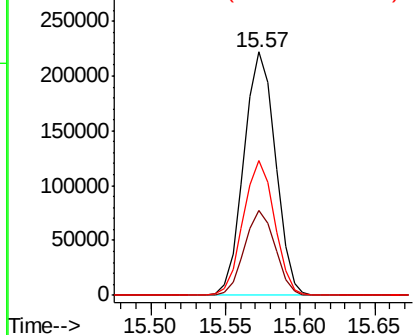
#61  
4-Chlorophenyl-phenylether  
Concen: 47.578 ng  
RT: 15.57 min Scan# 2125  
Delta R.T. -0.01 min  
Lab File: BG044452.D  
Acq: 17 Feb 2020 18:20

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:204 Resp: 324401  
Ion Ratio Lower Upper  
204 100  
206 35.1 27.6 41.4  
141 55.6 43.4 65.0

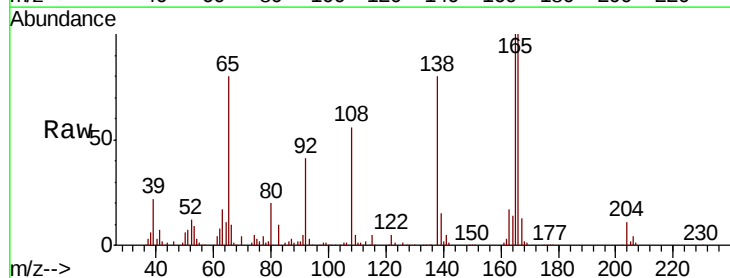


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

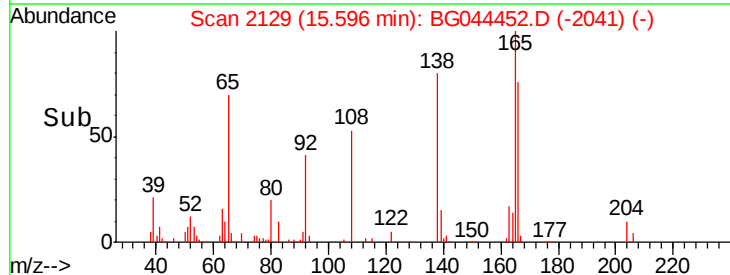
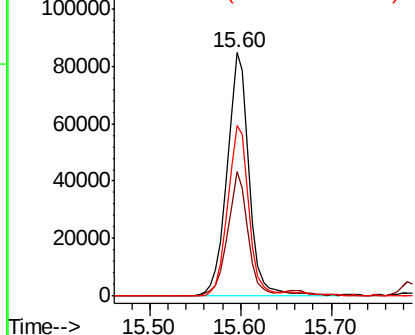


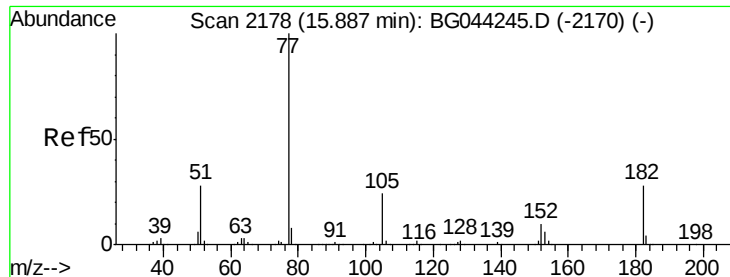
#62  
4-Nitroaniline  
Concen: 42.061 ng  
RT: 15.60 min Scan# 2129  
Delta R.T. -0.01 min  
Lab File: BG044452.D  
Acq: 17 Feb 2020 18:20

Tgt Ion:138 Resp: 144017  
Ion Ratio Lower Upper  
138 100  
92 51.4 31.3 71.3  
108 70.2 52.6 92.6



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

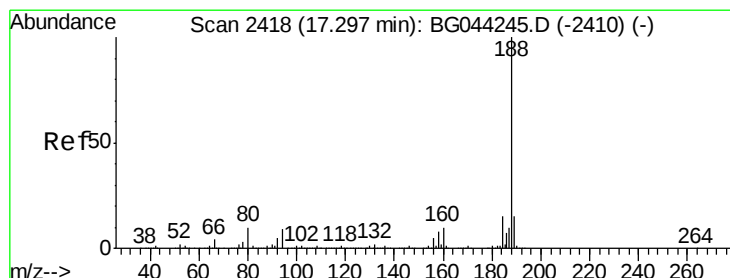
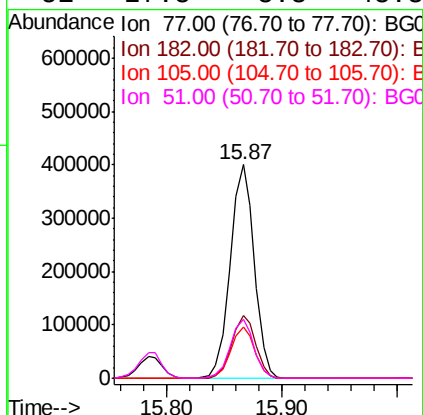
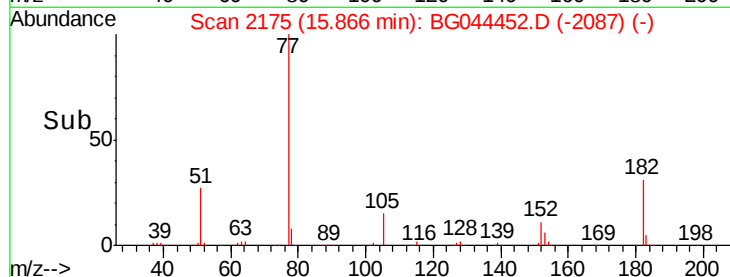
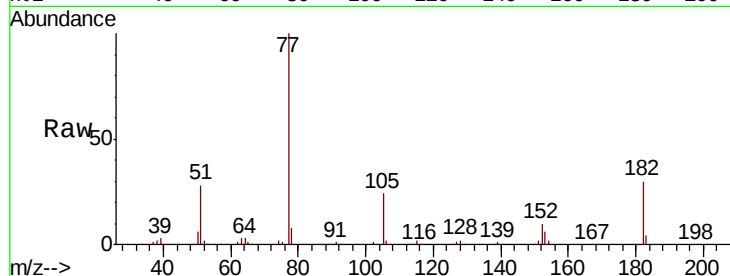




#63  
Azobenzene  
Concen: 47.305 ng  
RT: 15.87 min Scan# 2175  
Delta R.T. -0.01 min  
Lab File: BG044452.D  
Acq: 17 Feb 2020 18:20

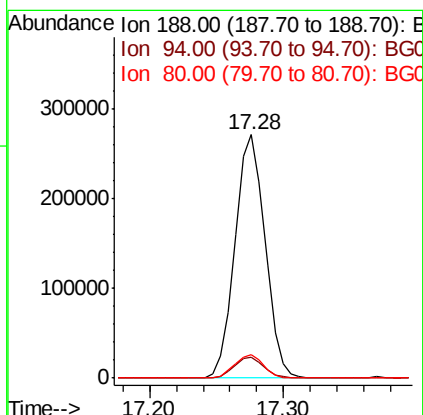
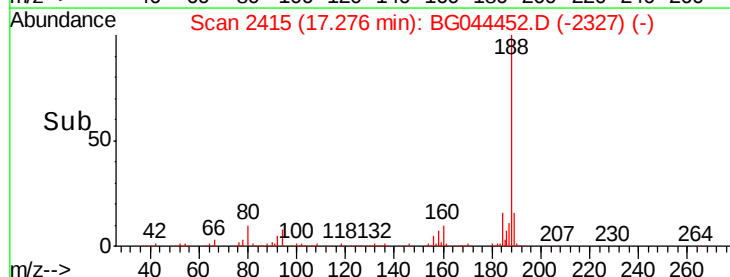
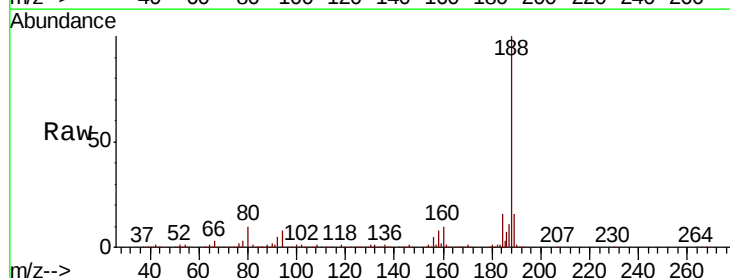
Instrument :  
BNA\_G  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 573860 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 29.6  | 8.2   | 48.2   |
| 105      | 24.1  | 3.6   | 43.6   |
| 51       | 27.8  | 8.3   | 48.3   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.28 min Scan# 2415  
Delta R.T. -0.01 min  
Lab File: BG044452.D  
Acq: 17 Feb 2020 18:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 422932 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 8.4   | 7.4   | 11.2   |
| 80       | 9.6   | 7.7   | 11.5   |





#65

4,6-Dinitro-2-methylphenol

Concen: 55.355 ng

RT: 15.66 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

Instrument :

BNA\_G

ClientSampleId :

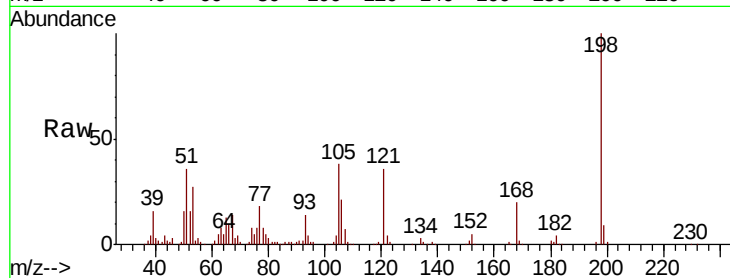
Tot Ion:198 Resp: 129231

Ion Ratio Lower Upper

198 100

51 36.3 16.6 56.6

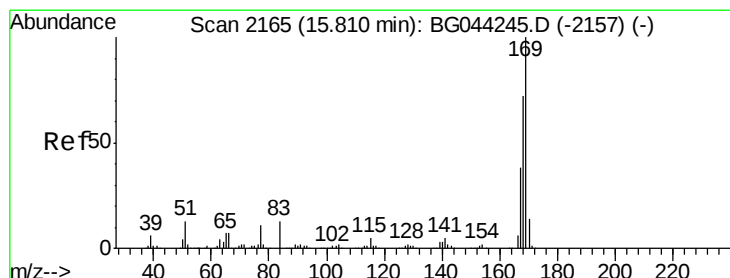
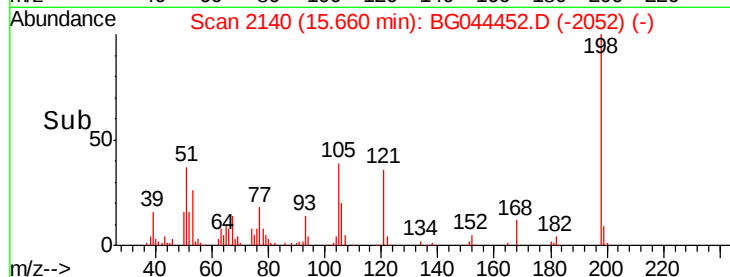
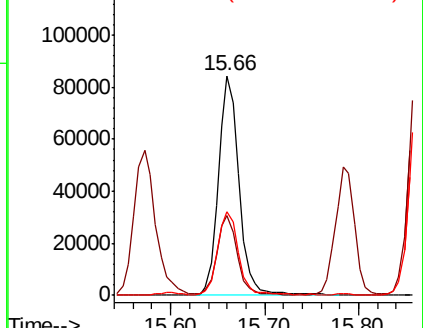
105 38.2 20.6 60.6



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: 48.268 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

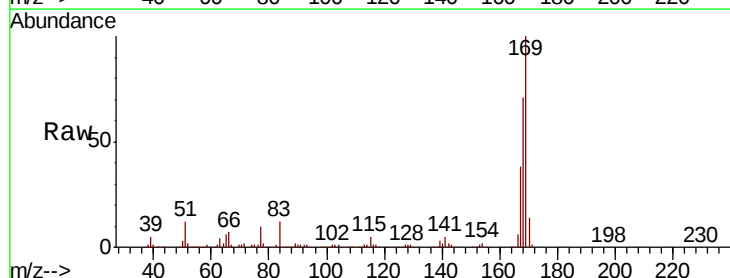
Tgt Ion:169 Resp: 572090

Ion Ratio Lower Upper

169 100

168 71.0 57.9 86.9

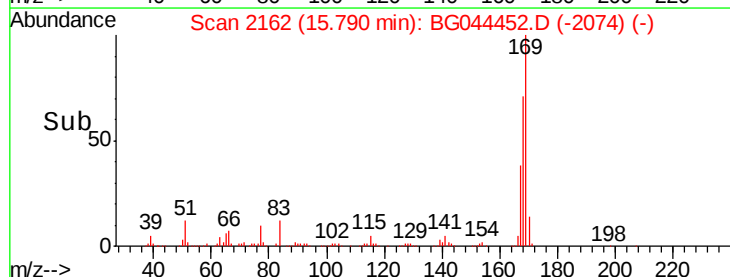
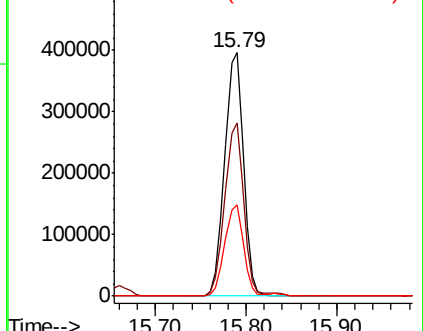
167 37.7 30.7 46.1

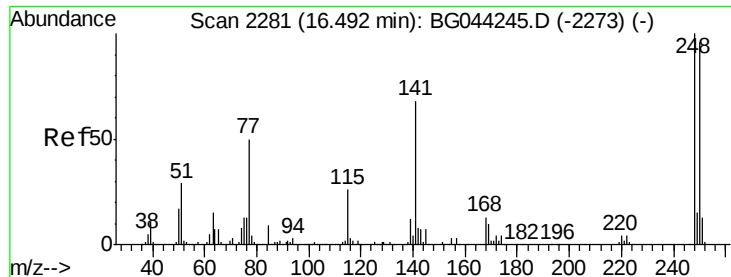


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

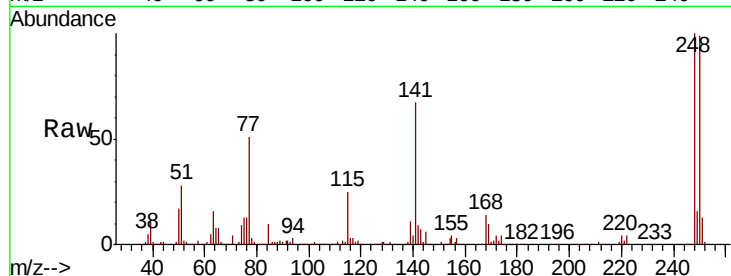




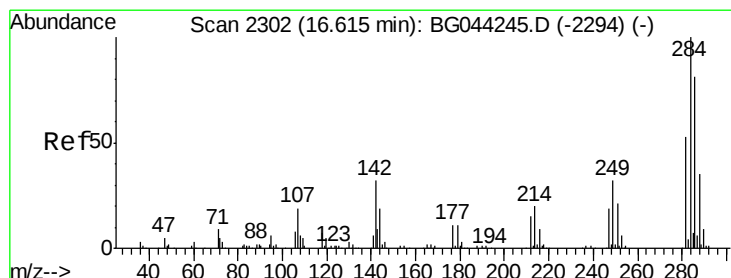
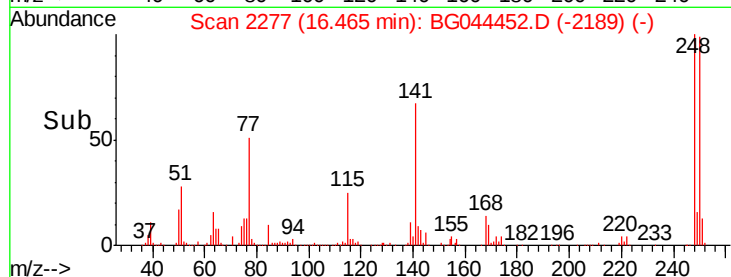
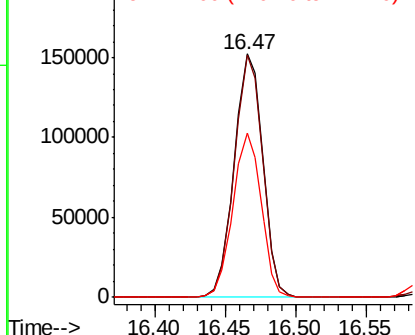
#67  
4-Bromophenyl-phenylether  
Concen: 46.761 ng  
RT: 16.47 min Scan# 2277  
Delta R.T. -0.01 min  
Lab File: BG044452.D  
Acq: 17 Feb 2020 18:20

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:248 Resp: 215466  
Ion Ratio Lower Upper  
248 100  
250 99.5 76.6 114.8  
141 67.5 54.7 82.1

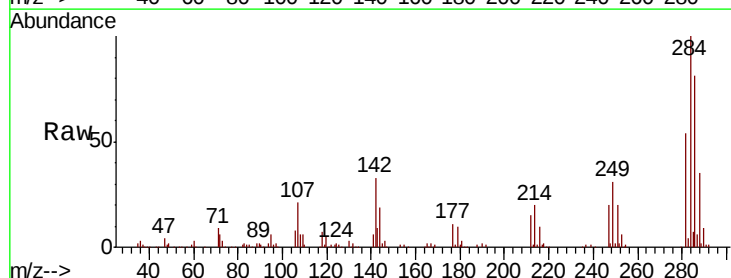


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

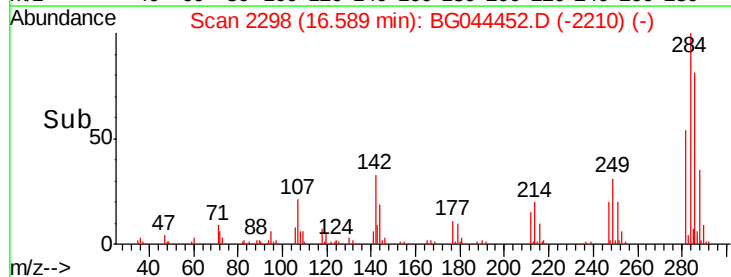
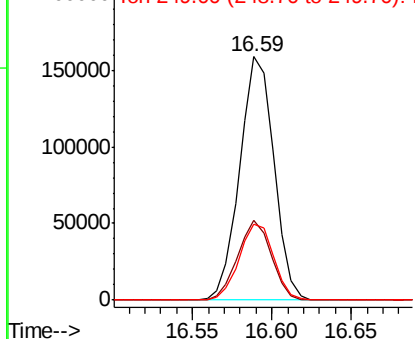


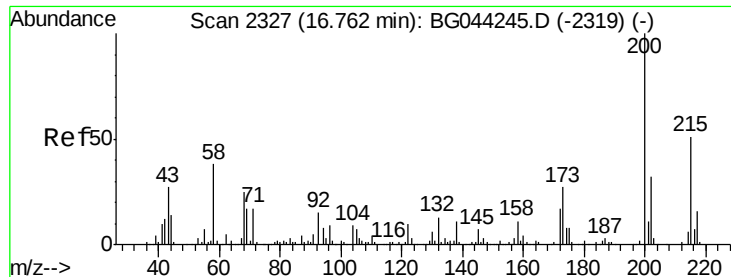
#68  
Hexachlorobenzene  
Concen: 46.088 ng  
RT: 16.59 min Scan# 2298  
Delta R.T. -0.01 min  
Lab File: BG044452.D  
Acq: 17 Feb 2020 18:20

Tgt Ion:284 Resp: 237916  
Ion Ratio Lower Upper  
284 100  
142 32.9 25.3 37.9  
249 31.3 25.5 38.3



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

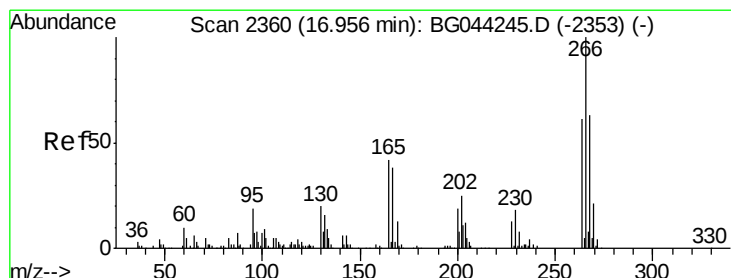
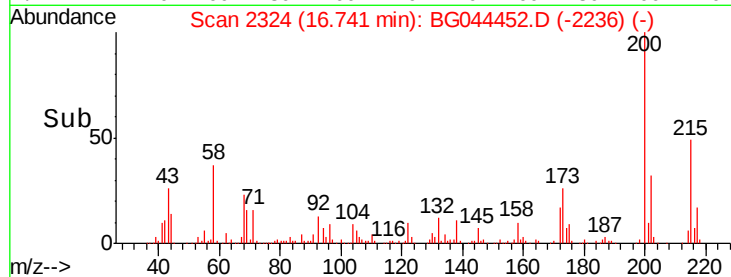
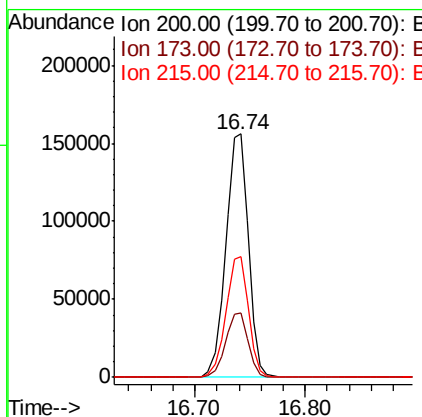
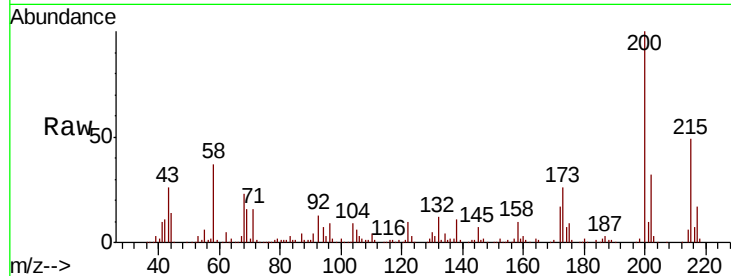




#69  
 Atrazine  
 Concen: 54.899 ng  
 RT: 16.74 min Scan# 2324  
 Delta R.T. -0.01 min  
 Lab File: BG044452.D  
 Acq: 17 Feb 2020 18:20

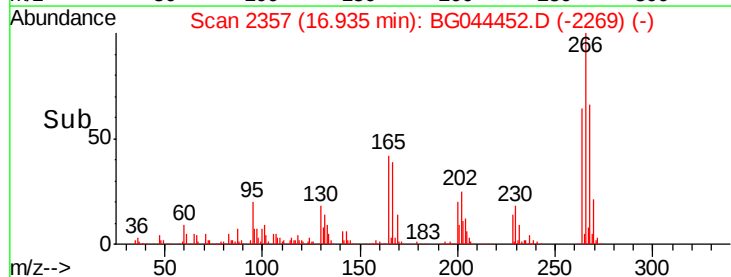
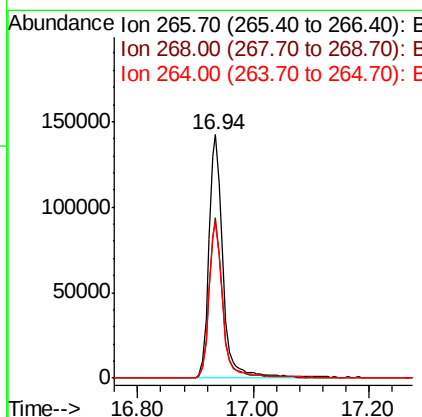
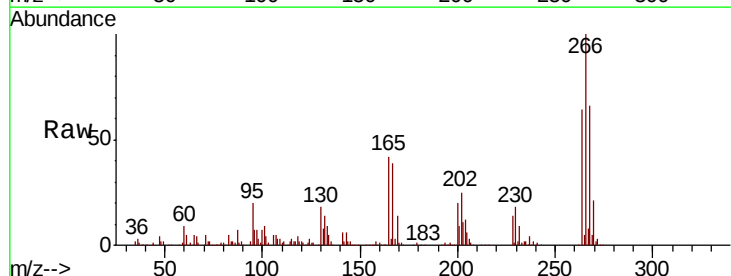
Instrument :  
 BNA\_G  
 ClientSampleId :

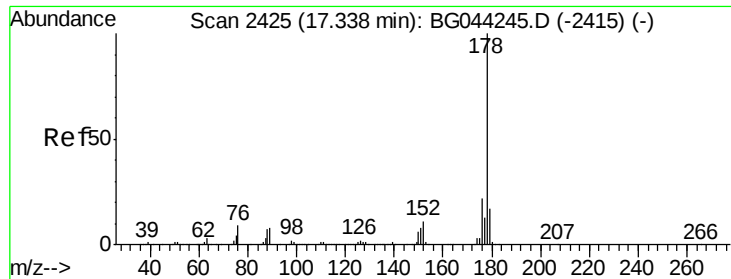
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 26.2  | 6.6   | 46.6  |
| 215     | 49.4  | 31.0  | 71.0  |



#70  
 Pentachlorophenol  
 Concen: 93.621 ng  
 RT: 16.94 min Scan# 2357  
 Delta R.T. -0.01 min  
 Lab File: BG044452.D  
 Acq: 17 Feb 2020 18:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 65.8  | 50.6  | 75.8  |
| 264     | 63.8  | 48.7  | 73.1  |

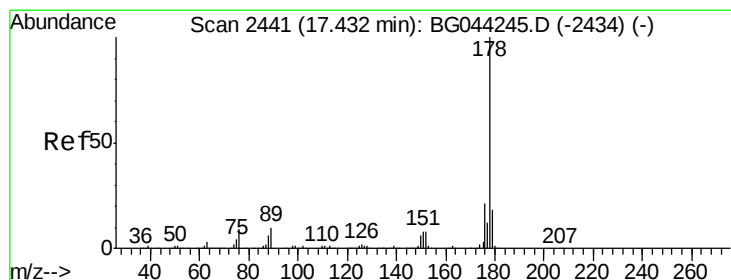
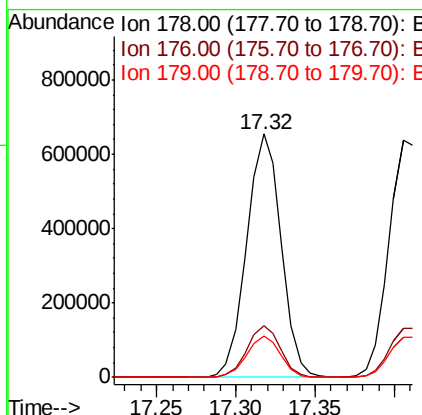
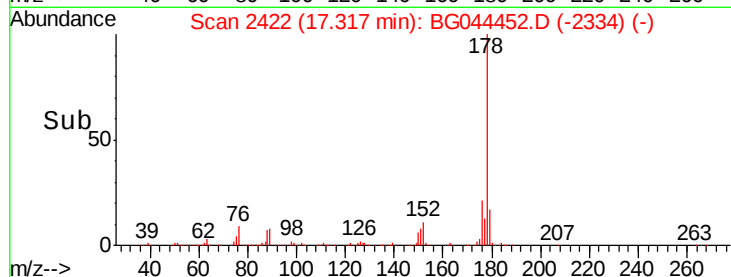
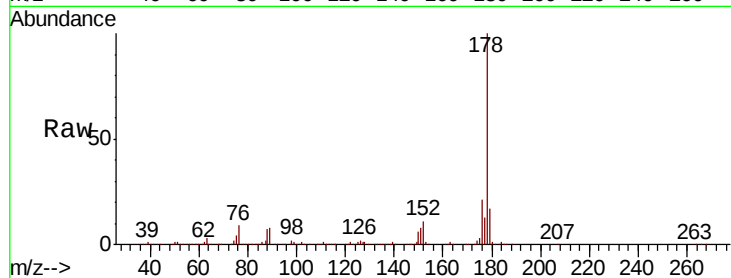




#71  
Phenanthrene  
Concen: 48.262 ng  
RT: 17.32 min Scan# 2422  
Delta R.T. -0.01 min  
Lab File: BG044452.D  
Acq: 17 Feb 2020 18:20

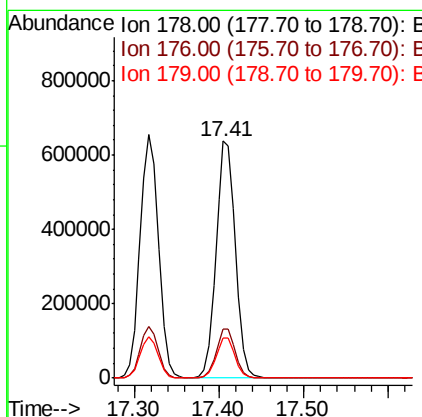
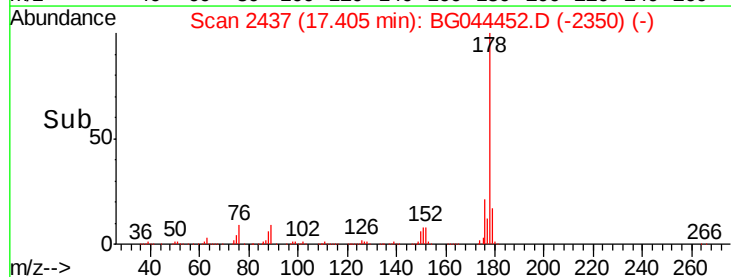
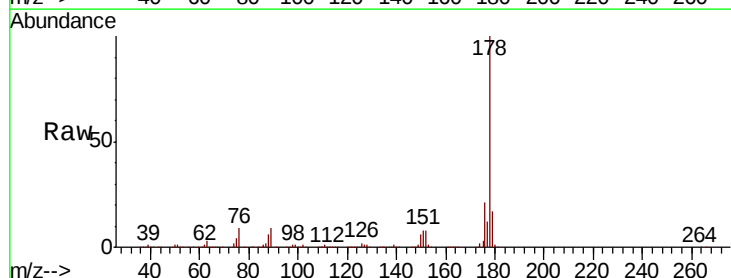
Instrument :  
BNA\_G  
ClientSampleId :

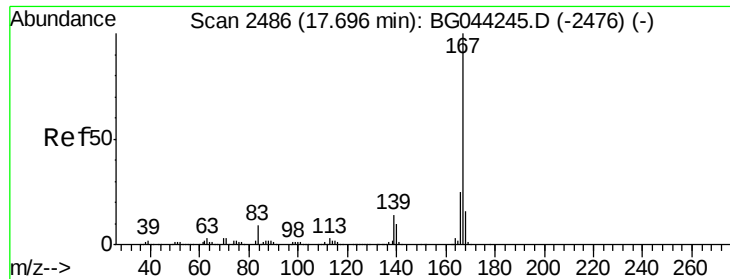
Tot Ion:178 Resp: 988396  
Ion Ratio Lower Upper  
178 100  
176 21.5 17.7 26.5  
179 17.2 13.7 20.5



#72  
Anthracene  
Concen: 50.401 ng  
RT: 17.41 min Scan# 2437  
Delta R.T. -0.02 min  
Lab File: BG044452.D  
Acq: 17 Feb 2020 18:20

Tgt Ion:178 Resp: 1020510  
Ion Ratio Lower Upper  
178 100  
176 20.5 17.0 25.4  
179 17.0 14.4 21.6

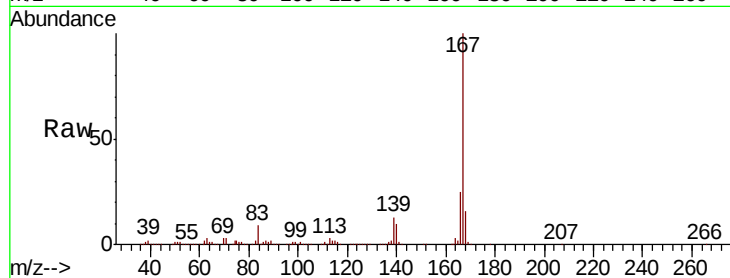




#73  
 Carbazole  
 Concen: 49.117 ng  
 RT: 17.68 min Scan# 2483  
 Delta R.T. -0.01 min  
 Lab File: BG044452.D  
 Acq: 17 Feb 2020 18:20

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 24.7  | 19.8  | 29.6  |
| 139     | 13.4  | 11.1  | 16.7  |

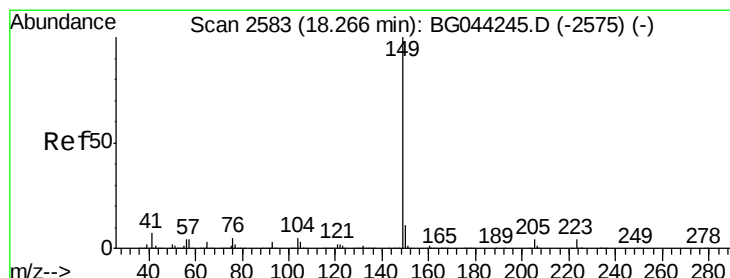
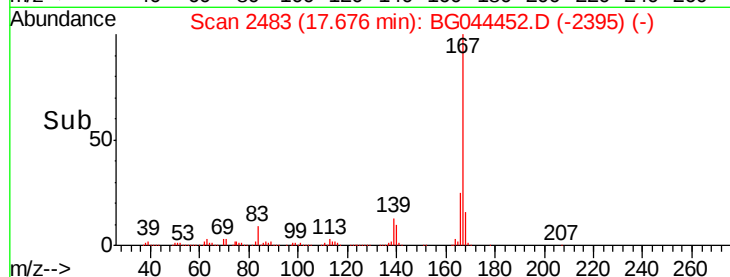
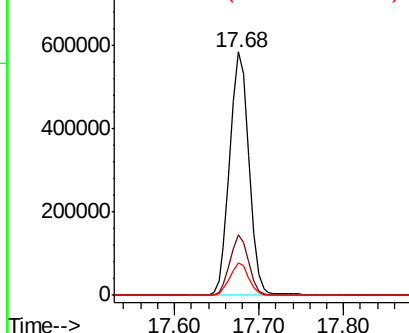


Abundance

Ion 167.00 (166.70 to 167.70): E

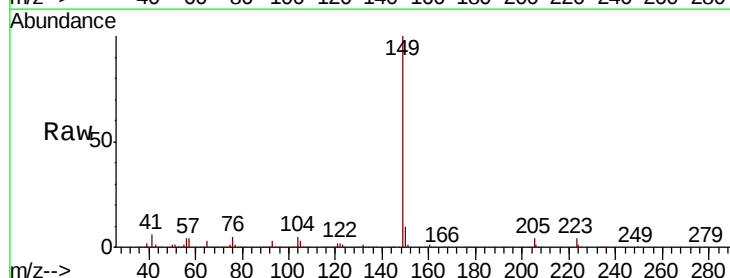
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74  
 Di-n-butylphthalate  
 Concen: 48.543 ng  
 RT: 18.25 min Scan# 2580  
 Delta R.T. -0.01 min  
 Lab File: BG044452.D  
 Acq: 17 Feb 2020 18:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.4  | 8.7   | 13.1  |
| 104     | 5.1   | 4.3   | 6.5   |

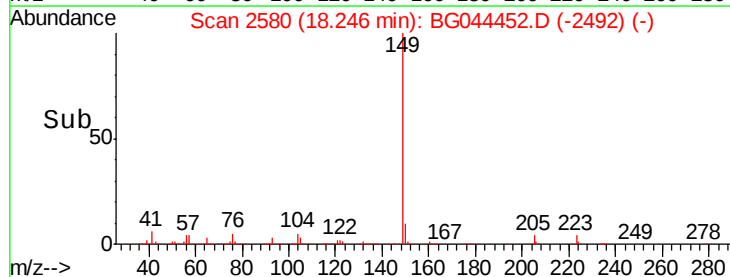
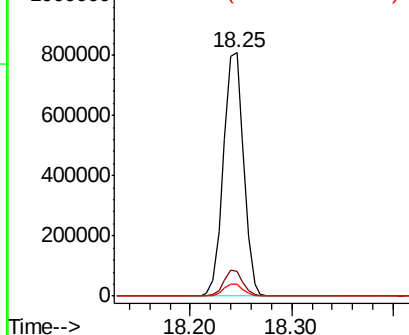


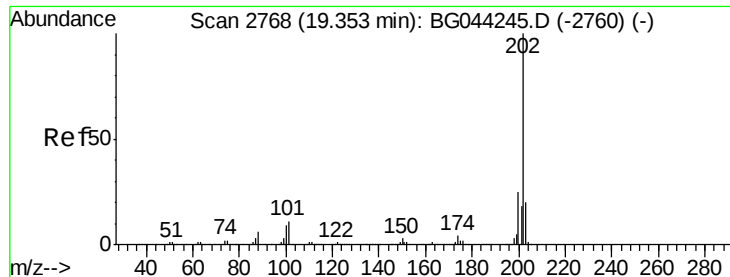
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 49.884 ng

RT: 19.33 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

Instrument :

BNA\_G

ClientSampled :

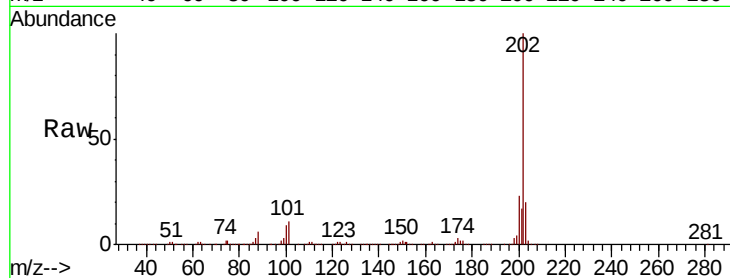
Tot Ion:202 Resp: 1181818

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.3

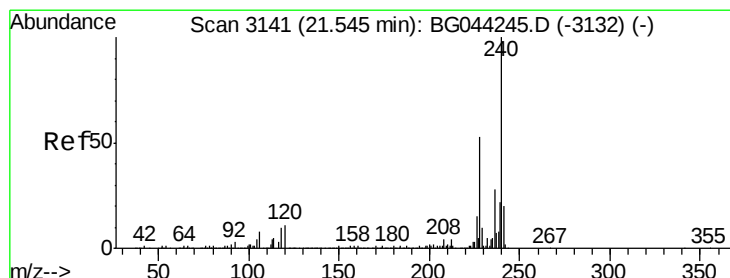
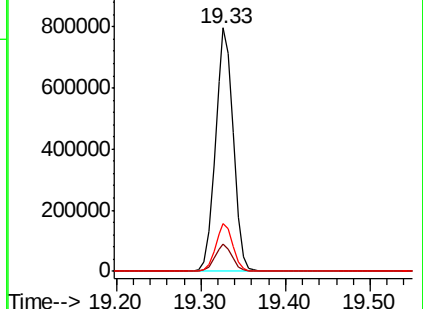
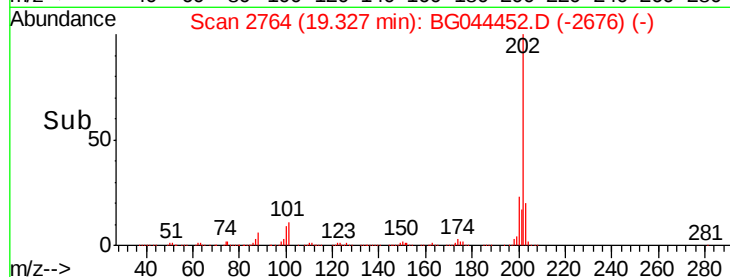
203 19.9 0.0 39.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.52 min Scan# 3137

Delta R.T. -0.02 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

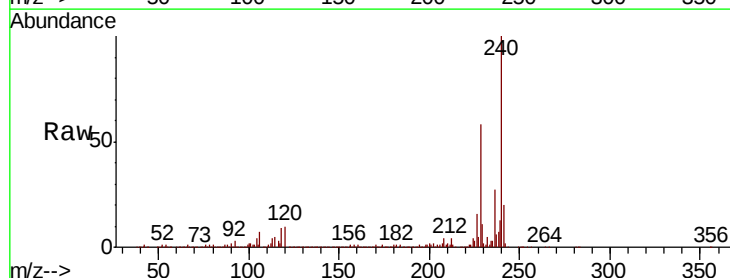
Tgt Ion:240 Resp: 408534

Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

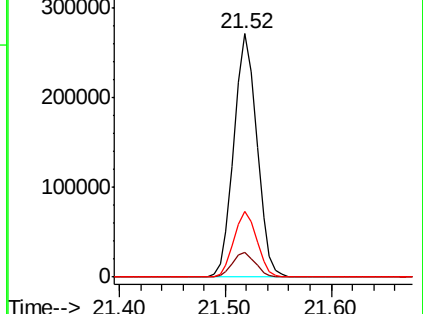
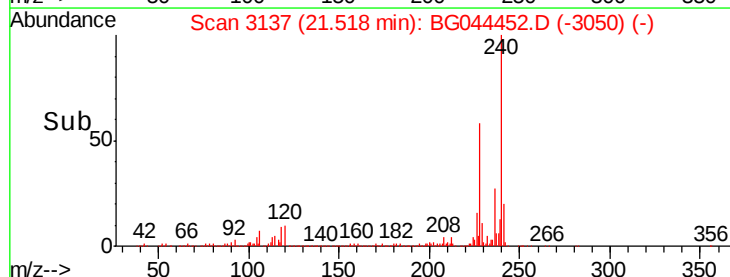
236 26.9 22.1 33.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.001 ng

RT: 19.51 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

Instrument :

BNA\_G

ClientSampleId :

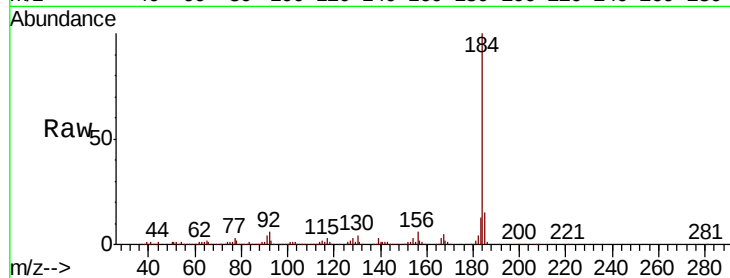
Tot Ion:184 Resp: 373954

Ion Ratio Lower Upper

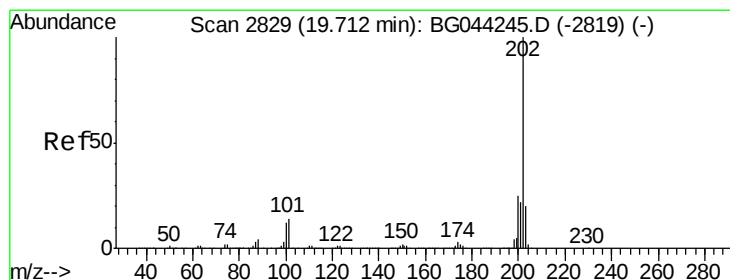
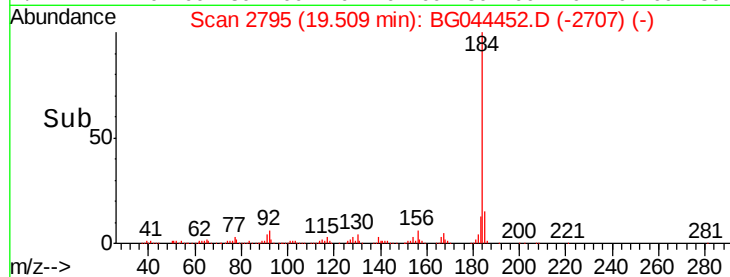
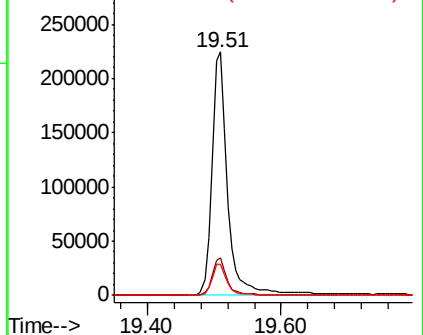
184 100

185 15.2 12.9 19.3

183 12.5 10.8 16.2



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: 45.344 ng

RT: 19.69 min Scan# 2826

Delta R.T. -0.01 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

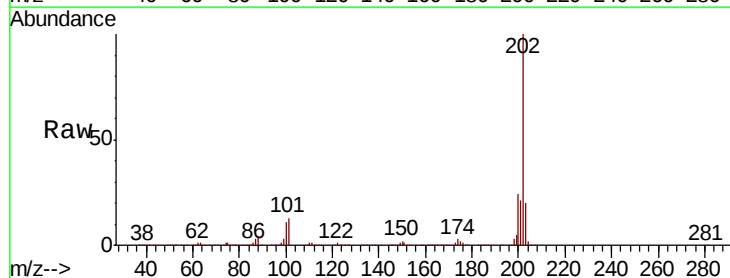
Tgt Ion:202 Resp: 1189661

Ion Ratio Lower Upper

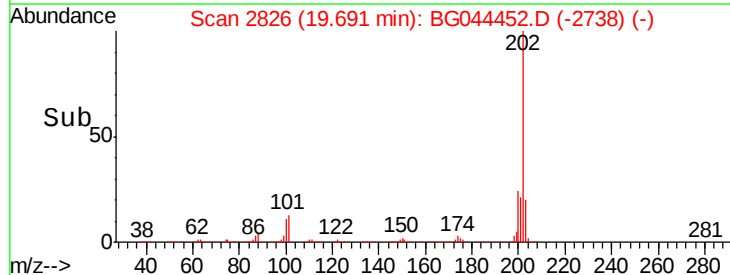
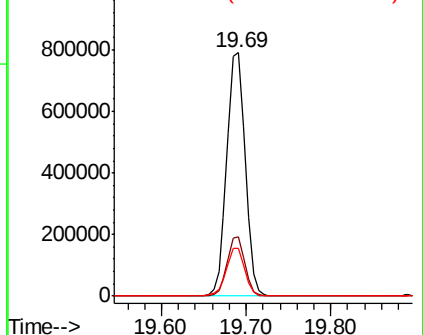
202 100

200 24.1 20.0 30.0

203 19.7 16.2 24.2



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: 60.590 ng

RT: 19.89 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

Instrument :

BNA\_G

ClientSampled :

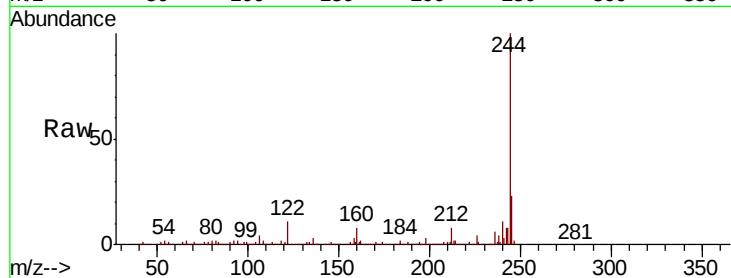
Tot Ion:244 Resp: 1203439

Ion Ratio Lower Upper

244 100

212 7.9 7.4 11.2

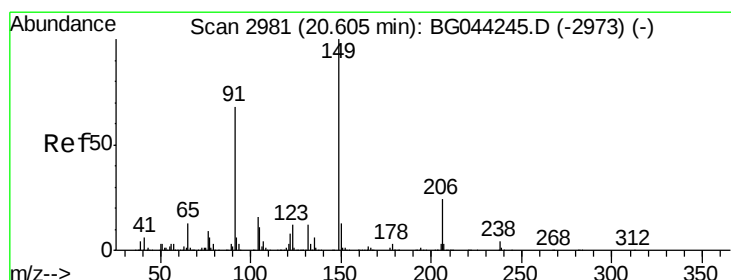
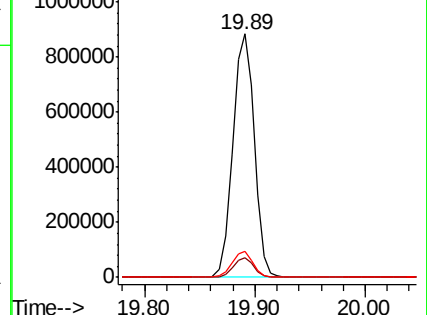
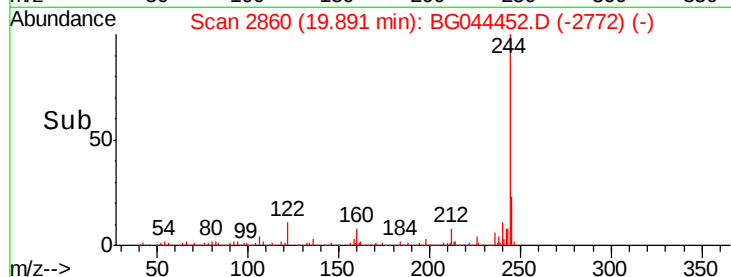
122 10.7 9.8 14.6



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: 43.671 ng

RT: 20.58 min Scan# 2977

Delta R.T. -0.02 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

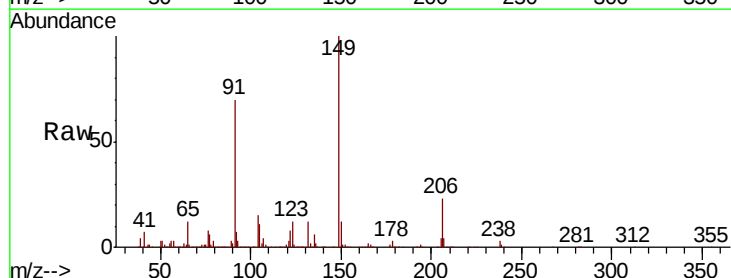
Tgt Ion:149 Resp: 522139

Ion Ratio Lower Upper

149 100

91 70.2 54.5 81.7

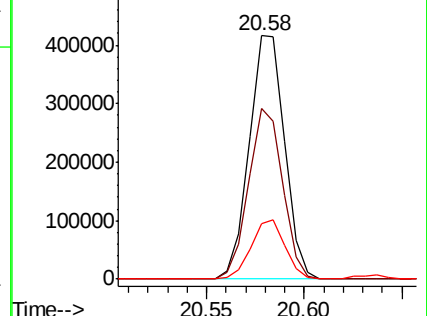
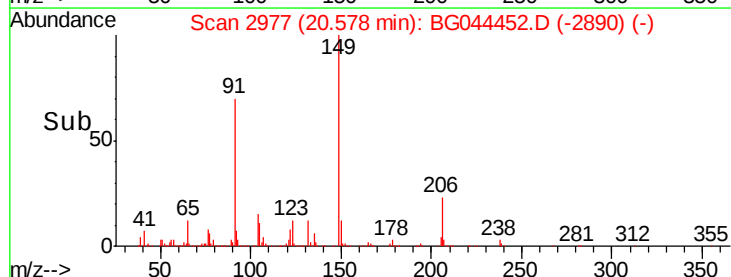
206 22.9 19.1 28.7

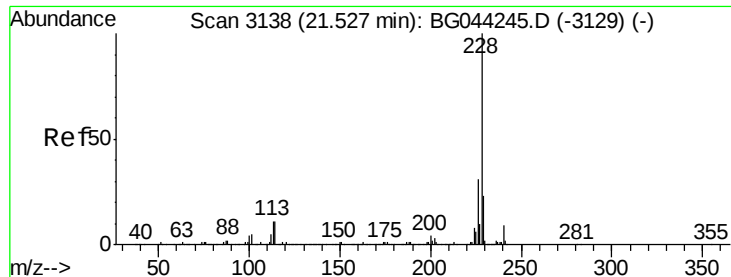


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

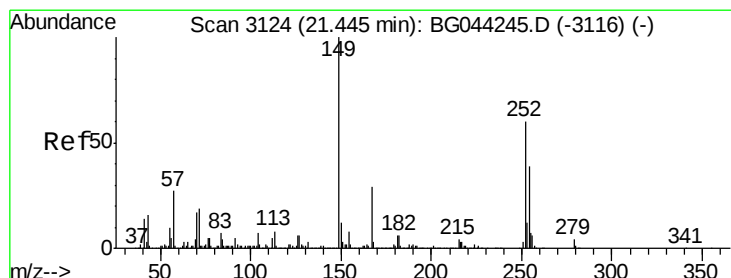
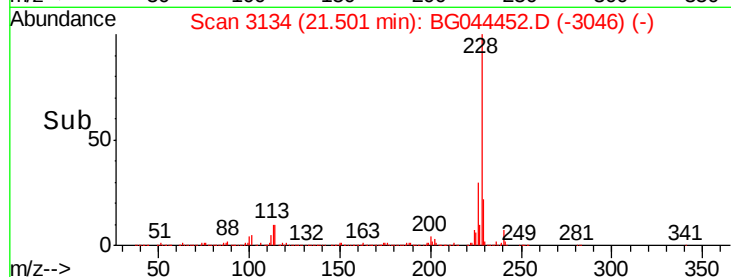
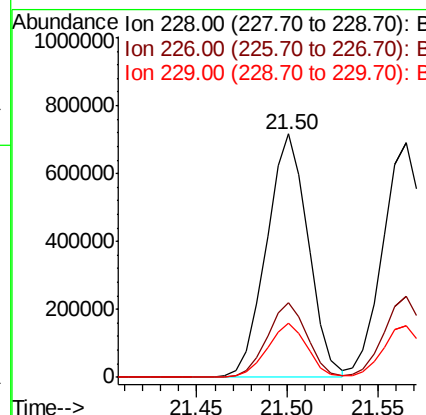
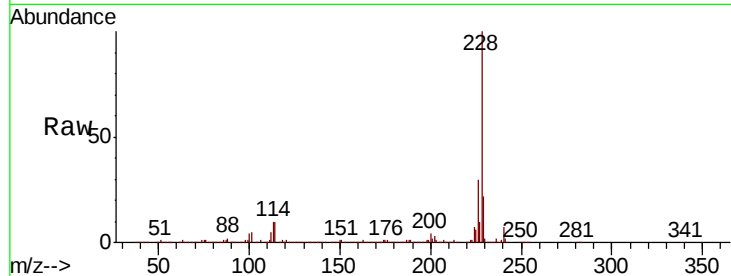




#81  
Benzo(a)anthracene  
Concen: 45.676 ng  
RT: 21.50 min Scan# 3134  
Delta R.T. -0.01 min  
Lab File: BG044452.D  
Acq: 17 Feb 2020 18:20

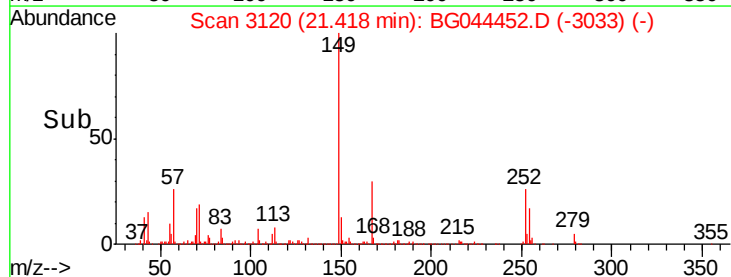
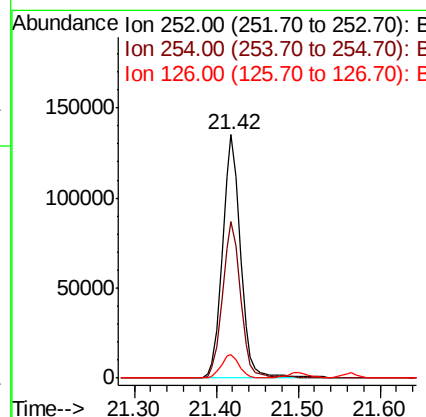
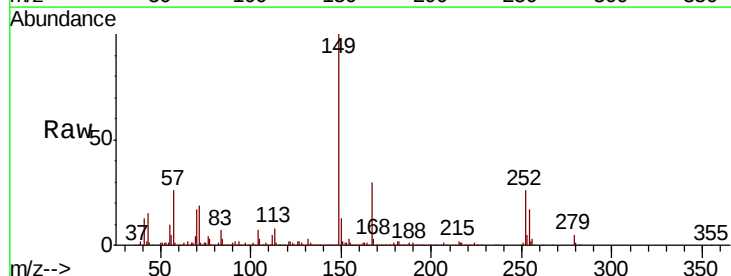
Instrument :  
BNA\_G  
ClientSampled :

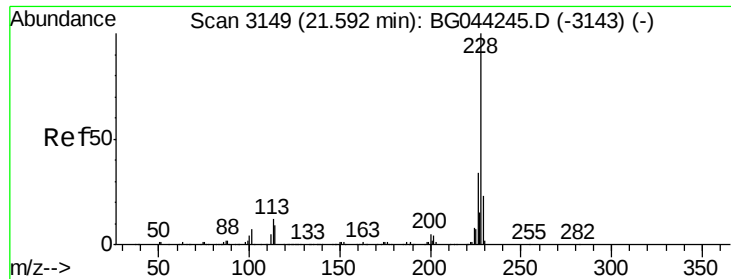
Tot Ion:228 Resp: 1150041  
Ion Ratio Lower Upper  
228 100  
226 30.4 24.7 37.1  
229 22.2 18.2 27.4



#82  
3,3'-Dichlorobenzidine  
Concen: 21.369 ng  
RT: 21.42 min Scan# 3120  
Delta R.T. -0.02 min  
Lab File: BG044452.D  
Acq: 17 Feb 2020 18:20

Tgt Ion:252 Resp: 208820  
Ion Ratio Lower Upper  
252 100  
254 64.3 52.6 78.8  
126 9.6 8.2 12.4

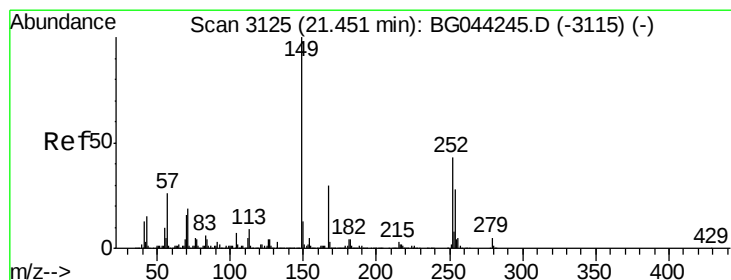
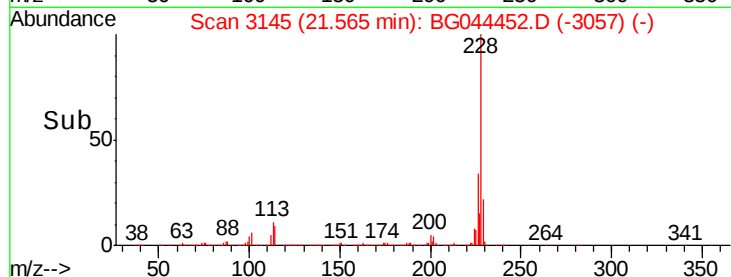
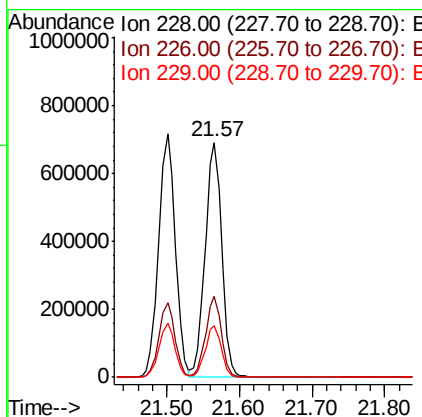
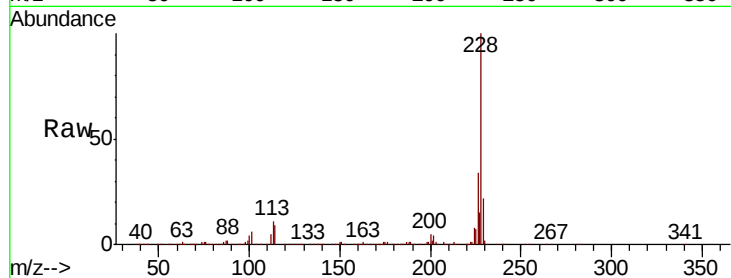




#83  
 Chrysene  
 Concen: 45.383 ng  
 RT: 21.57 min Scan# 3145  
 Delta R.T. -0.01 min  
 Lab File: BG044452.D  
 Acq: 17 Feb 2020 18:20

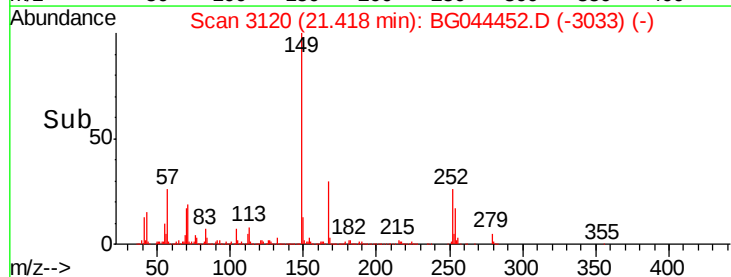
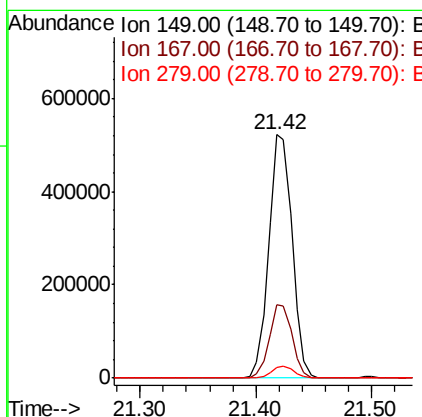
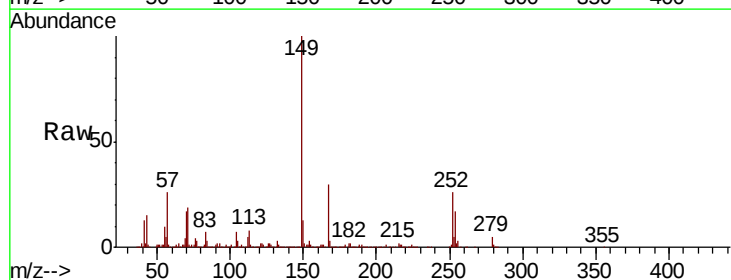
Instrument :  
 BNA\_G  
 ClientSampleId :

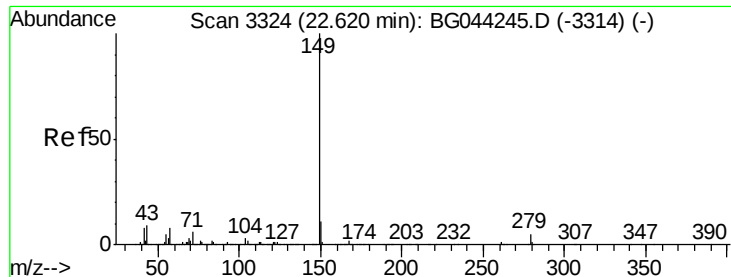
Tot Ion:228 Resp: 1104487  
 Ion Ratio Lower Upper  
 228 100  
 226 34.2 27.1 40.7  
 229 22.1 17.9 26.9



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 44.664 ng  
 RT: 21.42 min Scan# 3120  
 Delta R.T. -0.02 min  
 Lab File: BG044452.D  
 Acq: 17 Feb 2020 18:20

Tgt Ion:149 Resp: 735014  
 Ion Ratio Lower Upper  
 149 100  
 167 30.0 24.0 36.0  
 279 4.5 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 45.804 ng

RT: 22.58 min Scan# 3318

Delta R.T. -0.02 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

Instrument :

BNA\_G

ClientSampleId :

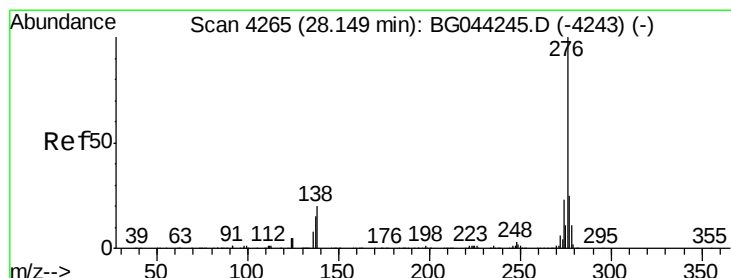
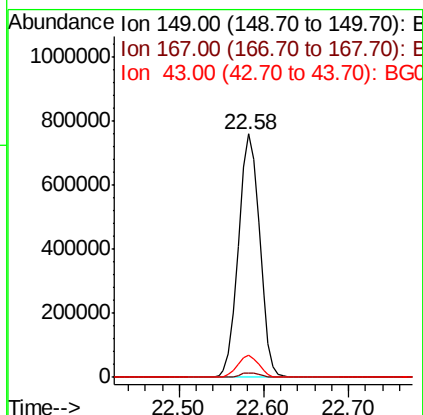
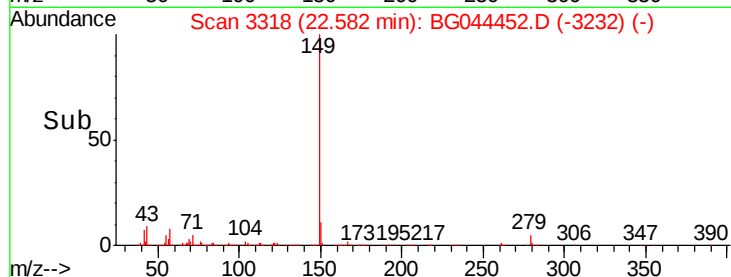
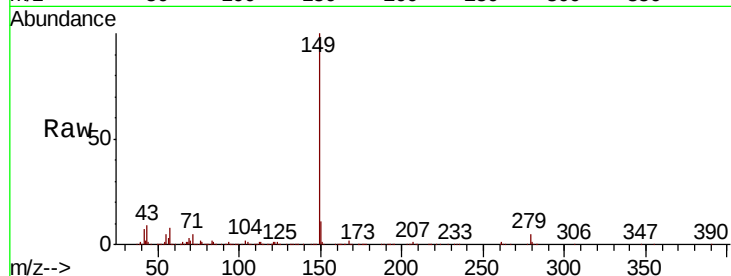
Tot Ion:149 Resp: 1304200

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.9 7.4 11.0



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.436 ng

RT: 28.09 min Scan# 4255

Delta R.T. -0.03 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

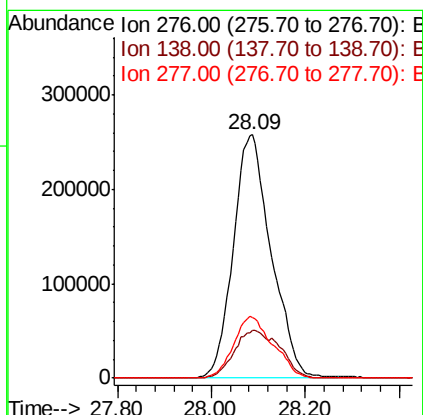
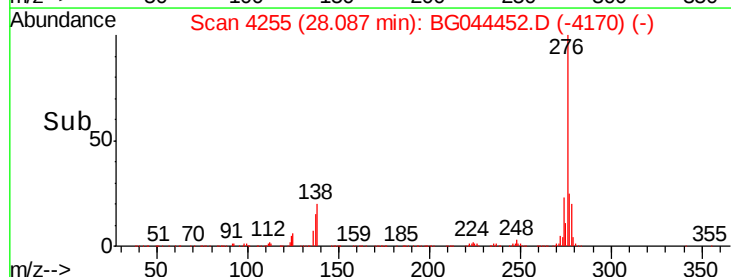
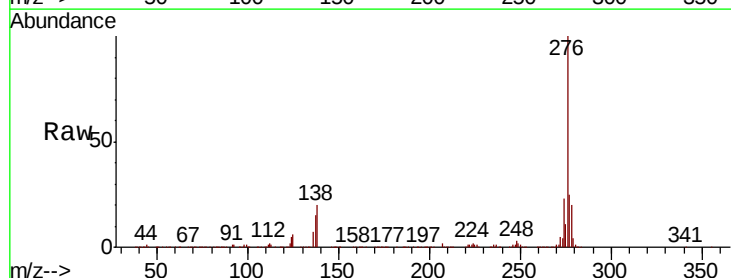
Tgt Ion:276 Resp: 1442654

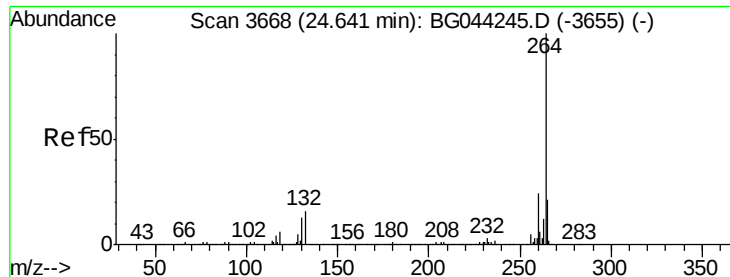
Ion Ratio Lower Upper

276 100

138 23.6 19.4 29.0

277 26.2 21.0 31.6



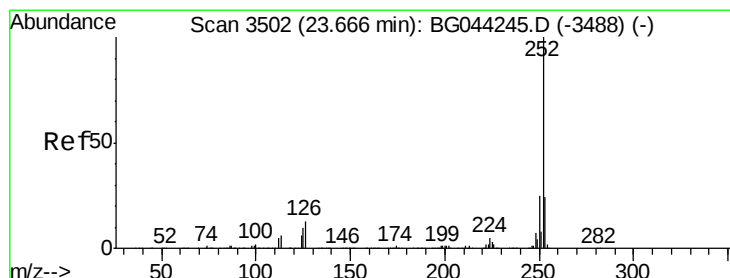
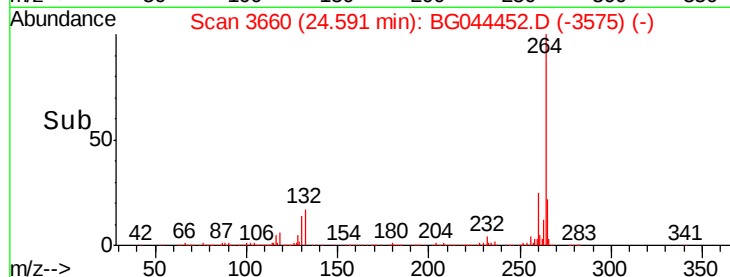
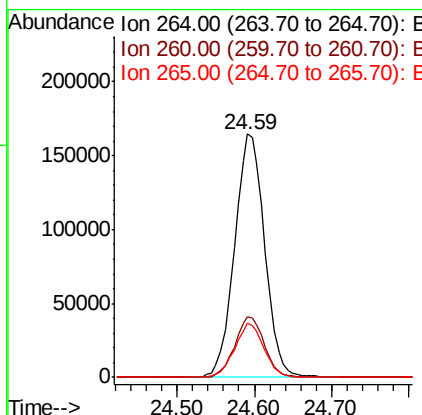
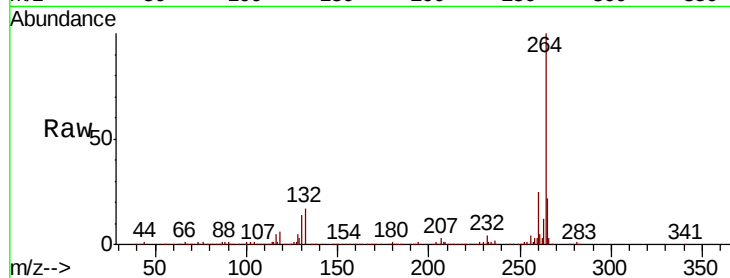


#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 24.59 min Scan# 3660  
Delta R.T. -0.03 min  
Lab File: BG044452.D  
Acq: 17 Feb 2020 18:20

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:264 Resp: 448119  

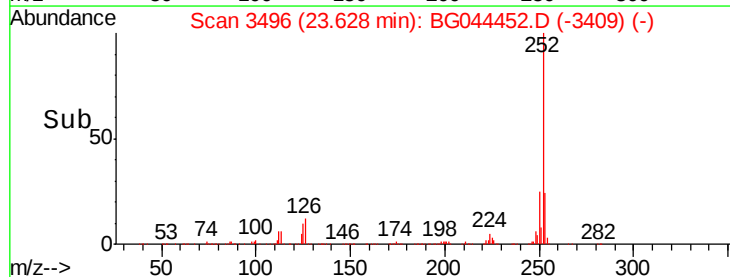
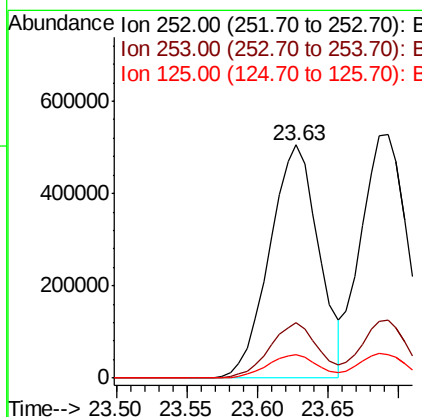
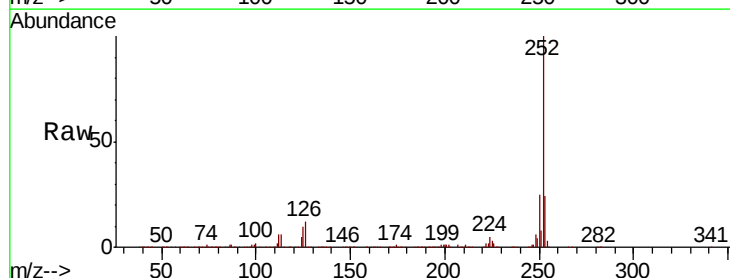
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.9  | 19.4  | 29.2  |
| 265 | 22.0  | 16.7  | 25.1  |

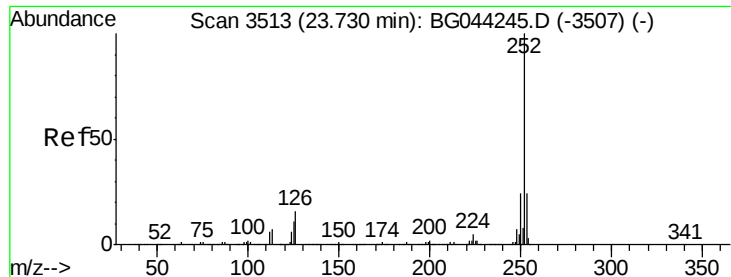


#88  
Benzo(b)fluoranthene  
Concen: 47.568 ng  
RT: 23.63 min Scan# 3496  
Delta R.T. -0.02 min  
Lab File: BG044452.D  
Acq: 17 Feb 2020 18:20

Tgt Ion:252 Resp: 1228319  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.7  | 19.2  | 28.8  |
| 125 | 10.2  | 8.4   | 12.6  |

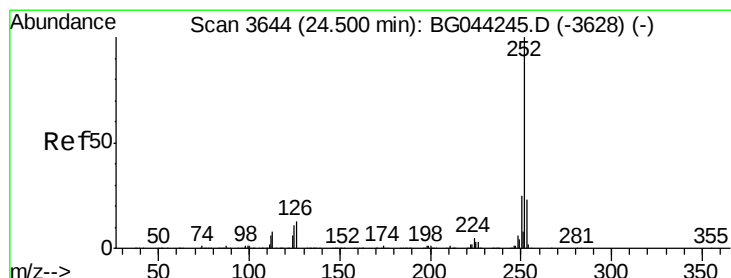
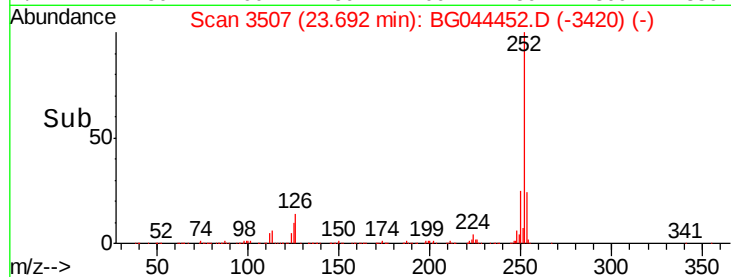
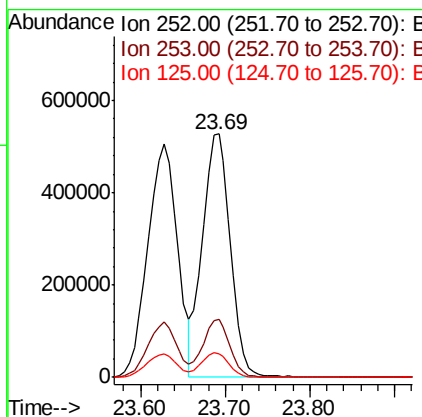
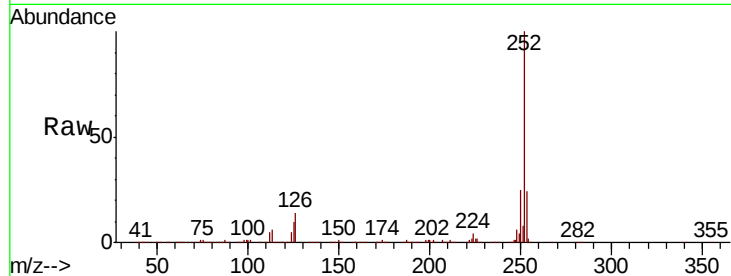




#89  
Benzo(k)fluoranthene  
Concen: 48.133 ng  
RT: 23.69 min Scan# 3507  
Delta R.T. -0.02 min  
Lab File: BG044452.D  
Acq: 17 Feb 2020 18:20

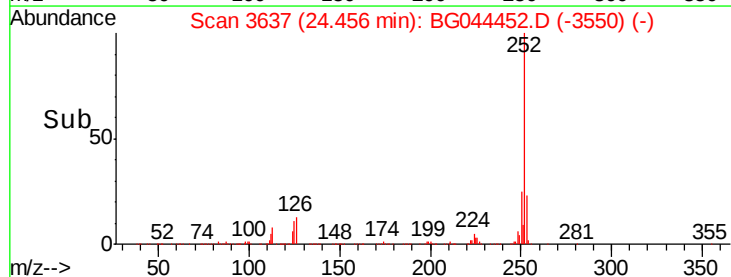
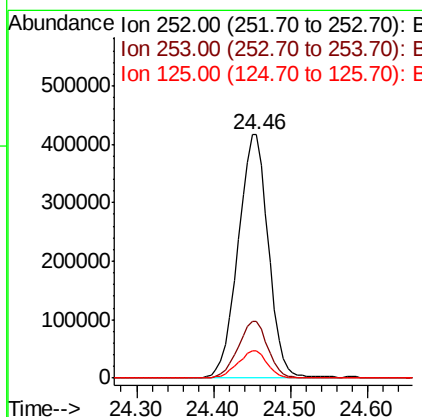
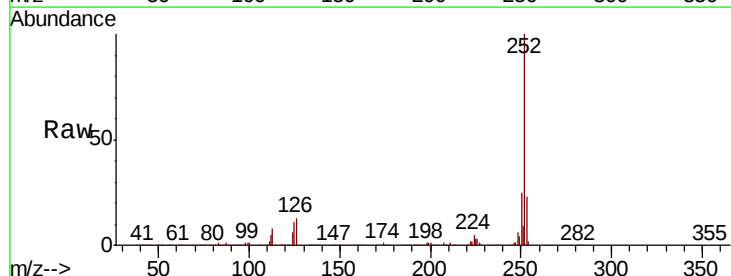
Instrument :  
BNA\_G  
ClientSampleId :

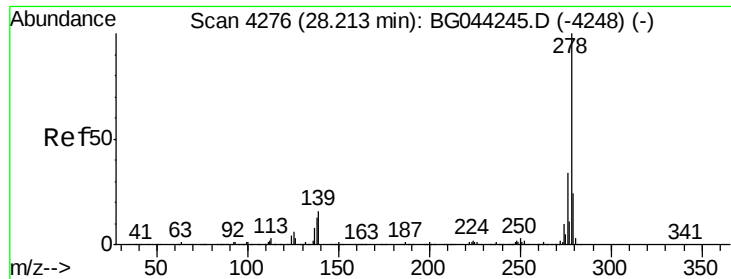
Tot Ion:252 Resp: 1211369  
Ion Ratio Lower Upper  
252 100  
253 23.8 19.1 28.7  
125 9.9 8.6 12.8



#90  
Benzo(a)pyrene  
Concen: 46.775 ng  
RT: 24.46 min Scan# 3637  
Delta R.T. -0.02 min  
Lab File: BG044452.D  
Acq: 17 Feb 2020 18:20

Tgt Ion:252 Resp: 1141985  
Ion Ratio Lower Upper  
252 100  
253 23.3 18.1 27.1  
125 11.1 8.6 13.0



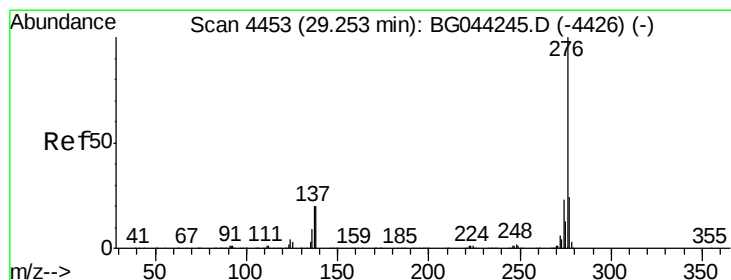
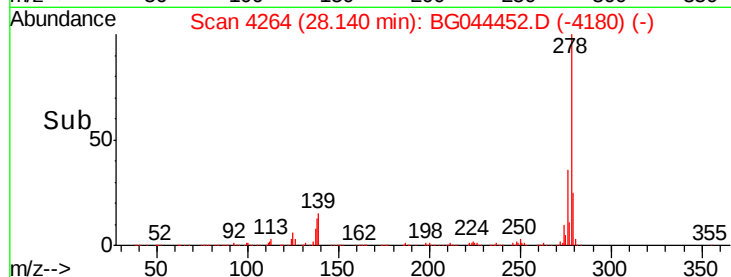
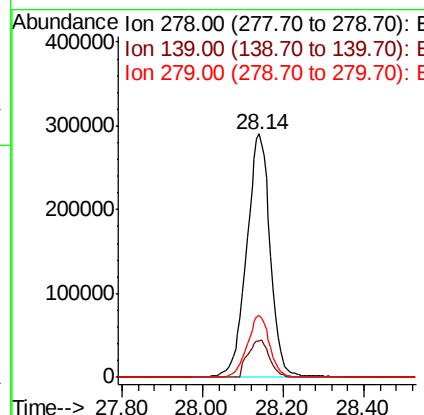
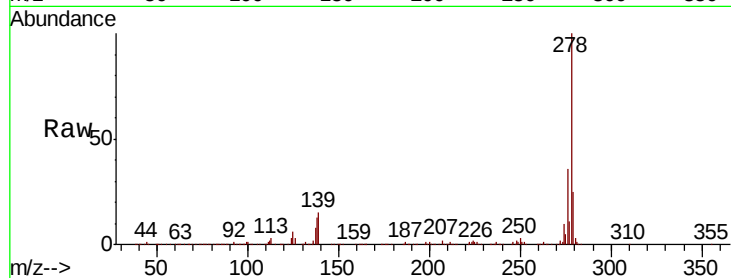


#91  
Dibenzo(a,h)anthracene  
Concen: 49.117 ng  
RT: 28.14 min Scan# 4264  
Delta R.T. -0.04 min  
Lab File: BG044452.D  
Acq: 17 Feb 2020 18:20

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:278 Resp: 1186777  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 15.0  | 12.7  | 19.1  |
| 279 | 25.2  | 19.3  | 28.9  |



#92  
Benzo(g,h,i)perylene  
Concen: 49.866 ng  
RT: 29.17 min Scan# 4440  
Delta R.T. -0.03 min  
Lab File: BG044452.D  
Acq: 17 Feb 2020 18:20

Tgt Ion:276 Resp: 1206156  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 24.0  | 18.8  | 28.2  |
| 138 | 19.5  | 16.2  | 24.2  |

