

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071519\  
 Data File : BG041644.D  
 Acq On : 15 Jul 2019 10:26  
 Operator : HP/JU  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Jul 15 11:52:48 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 15 11:42:53 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.05  | 152  | 94314    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.86 | 136  | 407466   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.67 | 164  | 250177   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.41 | 188  | 587712   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.66 | 240  | 528458   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.86 | 264  | 618746   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.61  | 112  | 581207   | 103.41 | ng    | 0.00     |
| 7) Phenol-d6                | 7.20  | 99   | 774288   | 101.69 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.21  | 82   | 673125   | 100.68 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.15 | 330  | 283796   | 99.20  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.30 | 172  | 1580234  | 99.30  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.01 | 244  | 2216997  | 102.53 | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.50  | 88   | 133858   | 52.490 | ng    | 99     |
| 3) Pyridine                    | 3.90  | 79   | 380980   | 57.640 | ng    | 97     |
| 4) n-Nitrosodimethylamine      | 3.81  | 42   | 167222   | 49.681 | ng    | 100    |
| 6) Aniline                     | 7.37  | 93   | 522950   | 50.117 | ng    | 99     |
| 8) 2-Chlorophenol              | 7.61  | 128  | 326427   | 51.913 | ng    | 99     |
| 9) Benzaldehyde                | 7.18  | 77   | 217905   | 51.860 | ng    | 96     |
| 10) Phenol                     | 7.23  | 94   | 406893   | 51.467 | ng    | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.47  | 93   | 325138   | 50.341 | ng    | 99     |
| 12) 1,3-Dichlorobenzene        | 7.94  | 146  | 390439   | 50.856 | ng    | 98     |
| 13) 1,4-Dichlorobenzene        | 8.09  | 146  | 389534   | 50.855 | ng    | 98     |
| 14) 1,2-Dichlorobenzene        | 8.41  | 146  | 365897   | 50.231 | ng    | 96     |
| 15) Benzyl Alcohol             | 8.28  | 79   | 310105   | 50.249 | ng    | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.58  | 45   | 678740   | 48.922 | ng    | 99     |
| 17) 2-Methylphenol             | 8.48  | 107  | 279725   | 49.667 | ng    | 98     |
| 18) Hexachloroethane           | 9.14  | 117  | 143714   | 50.468 | ng    | 97     |
| 19) n-Nitroso-di-n-propylamine | 8.86  | 70   | 283367   | 50.672 | ng    | 98     |
| 20) 3+4-Methylphenols          | 8.81  | 107  | 386232   | 49.814 | ng    | 98     |
| 22) Acetophenone               | 8.87  | 105  | 493630   | 48.958 | ng    | 98     |
| 24) Nitrobenzene               | 9.25  | 77   | 368719   | 52.806 | ng    | 97     |
| 25) Isophorone                 | 9.78  | 82   | 734789   | 50.469 | ng    | 99     |
| 26) 2-Nitrophenol              | 9.96  | 139  | 163384   | 53.151 | ng    | 98     |
| 27) 2,4-Dimethylphenol         | 10.02 | 122  | 286447   | 49.455 | ng    | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.26 | 93   | 450368   | 49.851 | ng    | 99     |
| 29) 2,4-Dichlorophenol         | 10.50 | 162  | 334911   | 49.979 | ng    | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.72 | 180  | 387346   | 49.603 | ng    | 98     |
| 31) Naphthalene                | 10.91 | 128  | 1006844  | 50.600 | ng    | 99     |
| 32) Benzoic acid               | 10.16 | 122  | 212953   | 50.040 | ng    | 94     |
| 33) 4-Chloroaniline            | 11.00 | 127  | 462910   | 48.405 | ng    | 99     |
| 34) Hexachlorobutadiene        | 11.20 | 225  | 247283   | 48.932 | ng    | 100    |
| 35) Caprolactam                | 11.77 | 113  | 121889   | 47.712 | ng    | 94     |
| 36) 4-Chloro-3-methylphenol    | 12.12 | 107  | 345439   | 49.601 | ng    | 98     |
| 37) 2-Methylnaphthalene        | 12.51 | 142  | 767165   | 50.463 | ng    | 99     |
| 38) 1-Methylnaphthalene        | 12.73 | 142  | 730335   | 50.613 | ng    | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.88 | 216  | 424362   | 50.062 | ng    | 99     |

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 Data File : BG041644.D  
 Acq On : 15 Jul 2019 10:26  
 Operator : HP/JU  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

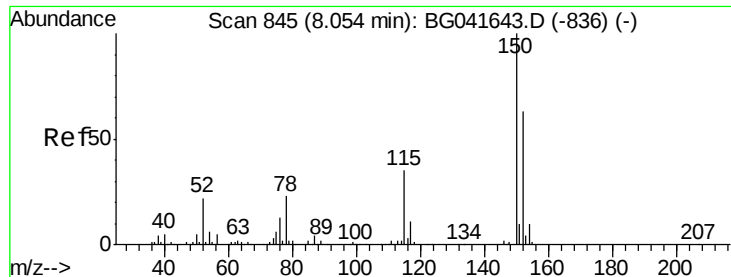
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Jul 15 11:52:48 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 15 11:42:53 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.86 | 237  | 244095   | 46.996 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol      | 13.11 | 196  | 281210   | 50.529 | ng    | 97       |
| 44) 2,4,5-Trichlorophenol      | 13.17 | 196  | 295627   | 52.015 | ng    | 96       |
| 46) 1,1'-Biphenyl              | 13.51 | 154  | 927079   | 50.149 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.55 | 162  | 773826   | 50.261 | ng    | 100      |
| 48) 2-Nitroaniline             | 13.74 | 65   | 231540   | 54.337 | ng    | 96       |
| 49) Acenaphthylene             | 14.39 | 152  | 1204305  | 51.362 | ng    | 99       |
| 50) Dimethylphthalate          | 14.13 | 163  | 974695   | 49.723 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.23 | 165  | 210004   | 53.705 | ng    | 98       |
| 52) Acenaphthene               | 14.73 | 154  | 762644   | 50.737 | ng    | 100      |
| 53) 3-Nitroaniline             | 14.56 | 138  | 232447   | 53.024 | ng    | 98       |
| 54) 2,4-Dinitrophenol          | 14.76 | 184  | 89576    | 50.742 | ng    | 95       |
| 55) Dibenzofuran               | 15.07 | 168  | 1140427  | 50.649 | ng    | 98       |
| 56) 4-Nitrophenol              | 14.85 | 139  | 189334   | 54.283 | ng    | 98       |
| 57) 2,4-Dinitrotoluene         | 15.02 | 165  | 282496   | 54.923 | ng    | 94       |
| 58) Fluorene                   | 15.72 | 166  | 926597   | 50.752 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.29 | 232  | 274751   | 51.342 | ng    | 99       |
| 60) Diethylphthalate           | 15.49 | 149  | 976622   | 49.277 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.71 | 204  | 521161   | 49.816 | ng    | 98       |
| 62) 4-Nitroaniline             | 15.72 | 138  | 241943   | 52.007 | ng    | 98       |
| 63) Azobenzene                 | 16.00 | 77   | 885673   | 50.762 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.78 | 198  | 129817   | 50.884 | ng    | 98       |
| 66) n-Nitrosodiphenylamine     | 15.92 | 169  | 846676   | 47.594 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.60 | 248  | 342626   | 47.161 | ng    | 98       |
| 68) Hexachlorobenzene          | 16.72 | 284  | 346094   | 47.099 | ng    | 98       |
| 69) Atrazine                   | 16.86 | 200  | 283056   | 53.186 | ng    | 98       |
| 70) Pentachlorophenol          | 17.05 | 266  | 220896   | 48.402 | ng    | 99       |
| 71) Phenanthrene               | 17.45 | 178  | 1448912  | 47.178 | ng    | 98       |
| 72) Anthracene                 | 17.54 | 178  | 1453976  | 45.267 | ng    | 98       |
| 73) Carbazole                  | 17.80 | 167  | 1338933  | 45.220 | ng    | 98       |
| 74) Di-n-butylphthalate        | 18.37 | 149  | 1601865  | 44.099 | ng    | 98       |
| 75) Fluoranthene               | 19.45 | 202  | 1732402  | 46.851 | ng    | 96       |
| 77) Benzidine                  | 19.62 | 184  | 905104   | 51.286 | ng    | 99       |
| 78) Pyrene                     | 19.81 | 202  | 1726988  | 50.791 | ng    | 97       |
| 80) Butylbenzylphthalate       | 20.70 | 149  | 750764   | 46.714 | ng    | 95       |
| 81) Benzo(a)anthracene         | 21.64 | 228  | 1698790  | 46.461 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.55 | 252  | 678474   | 44.624 | ng    | 99       |
| 83) Chrysene                   | 21.71 | 228  | 1627846  | 50.014 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.57 | 149  | 1051249  | 47.827 | ng    | 97       |
| 85) Di-n-octyl phthalate       | 22.78 | 149  | 1821119  | 47.737 | ng    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.51 | 276  | 2153800  | 48.712 | ng    | # 93     |
| 88) Benzo(b)fluoranthene       | 23.85 | 252  | 1877754  | 51.117 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 23.91 | 252  | 1735627  | 49.578 | ng    | 98       |
| 90) Benzo(a)pyrene             | 24.71 | 252  | 1780212  | 50.569 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.58 | 278  | 1728116  | 50.550 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.65 | 276  | 1732208  | 50.797 | ng    | 100      |

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



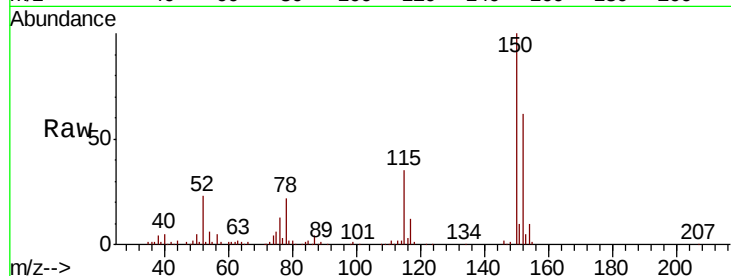


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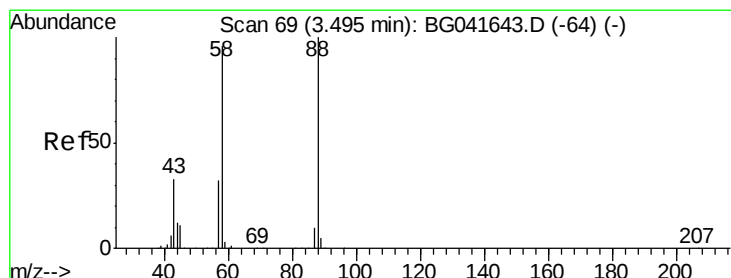
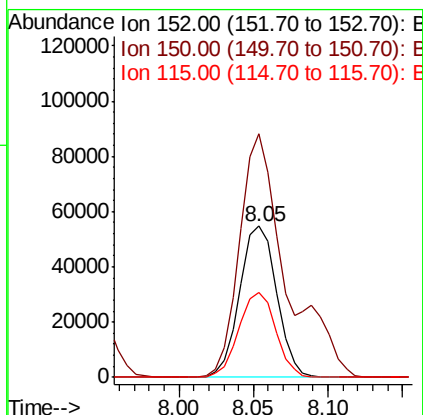
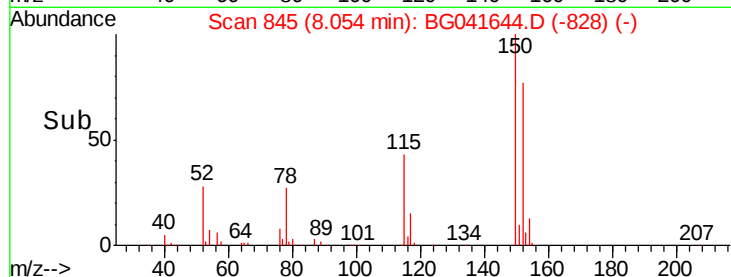
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.05 min Scan# 845  
Delta R.T. -0.00 min  
Lab File: BG041644.D  
Acq: 15 Jul 2019 10:26

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:152 Resp: 94314  
Ion Ratio Lower Upper  
152 100  
150 160.9 126.9 190.3  
115 56.0 45.0 67.6



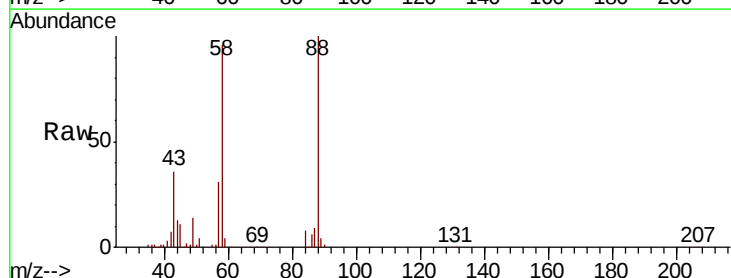
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



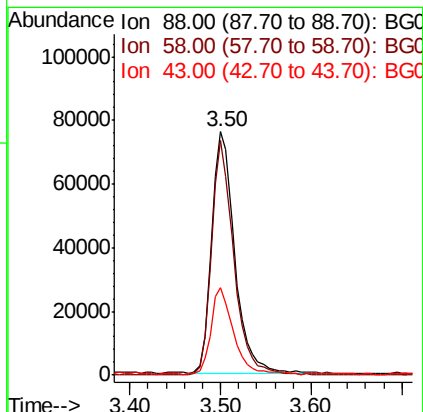
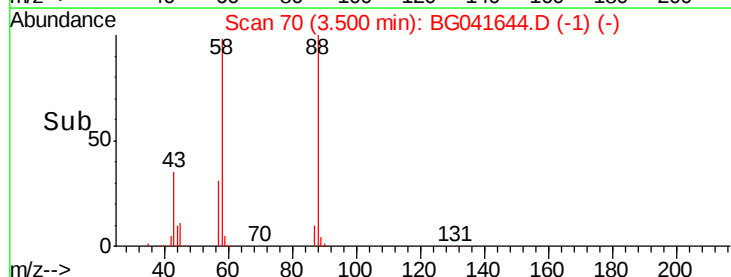
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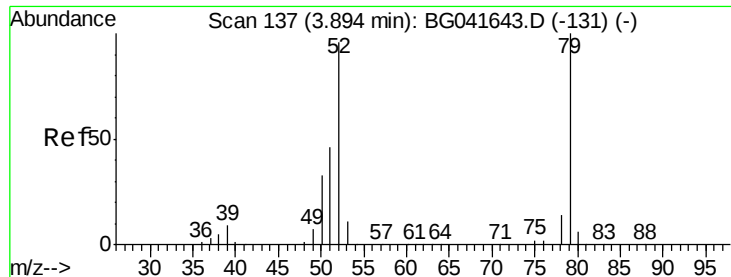
1,4-Dioxane  
Concen: 52.490 ng  
RT: 3.50 min Scan# 70  
Delta R.T. 0.01 min  
Lab File: BG041644.D  
Acq: 15 Jul 2019 10:26

Tgt Ion: 88 Resp: 133858  
Ion Ratio Lower Upper  
88 100  
58 94.2 76.2 114.2  
43 34.6 27.2 40.8



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: 57.640 ng

RT: 3.90 min Scan# 138

Delta R.T. 0.01 min

Lab File: BG041644.D

Acq: 15 Jul 2019 10:26

Instrument :

BNA\_G

ClientSampleId :

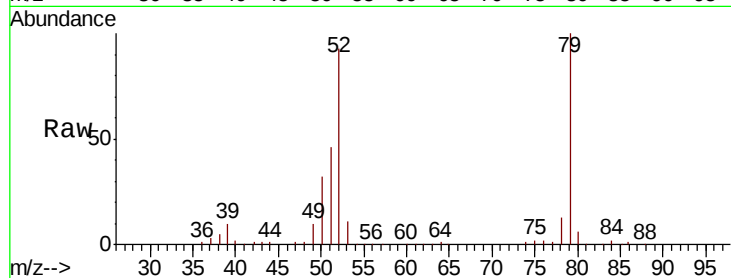
Tot Ion: 79 Resp: 380980

Ion Ratio Lower Upper

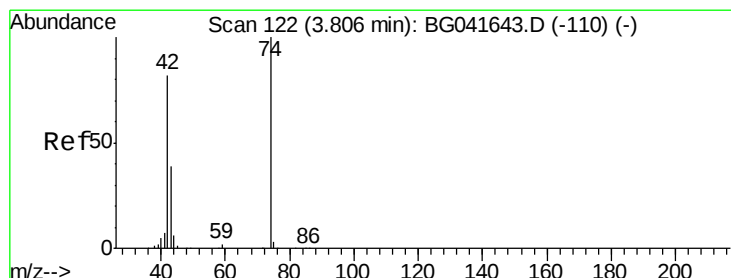
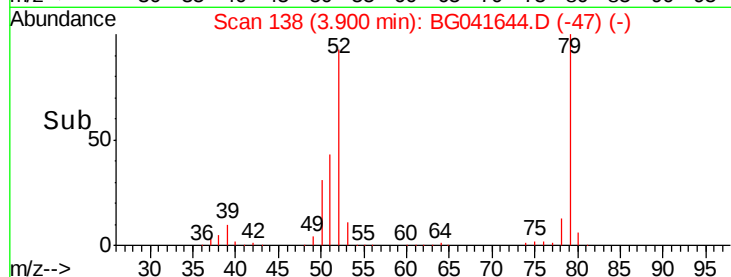
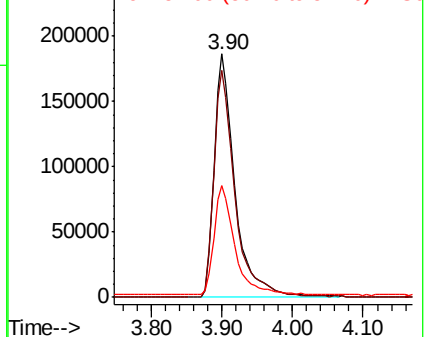
79 100

52 93.1 77.1 115.7

51 45.9 37.8 56.8



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: 49.681 ng

RT: 3.81 min Scan# 123

Delta R.T. 0.01 min

Lab File: BG041644.D

Acq: 15 Jul 2019 10:26

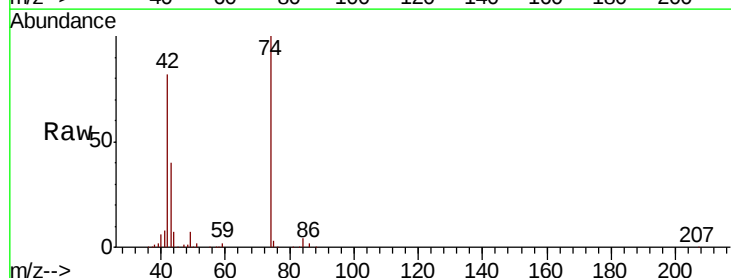
Tgt Ion: 42 Resp: 167222

Ion Ratio Lower Upper

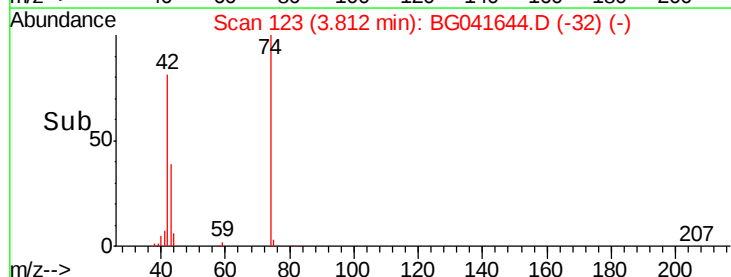
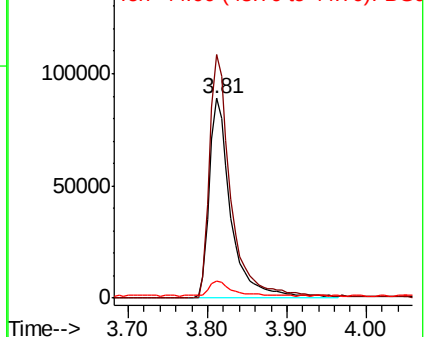
42 100

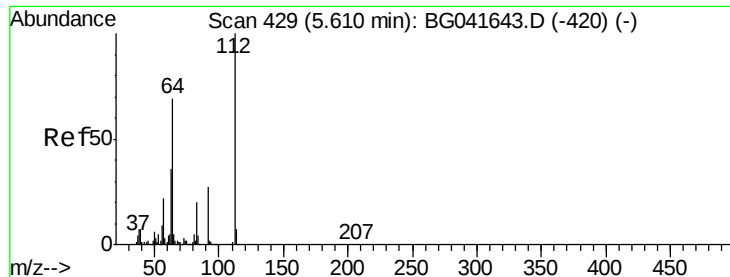
74 122.1 97.4 146.2

44 8.7 6.6 9.8



Abundance Ion 42.00 (41.70 to 42.70): BGC  
Ion 74.00 (73.70 to 74.70): BGC  
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 103.412 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.00 min

Lab File: BG041644.D

Acq: 15 Jul 2019 10:26

Instrument :

BNA\_G

ClientSampleId :

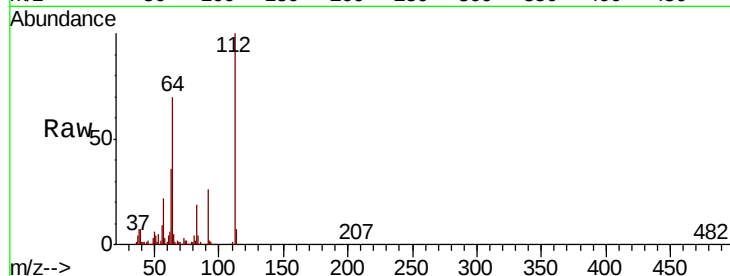
Tot Ion:112 Resp: 581207

Ion Ratio Lower Upper

112 100

64 69.7 55.4 83.2

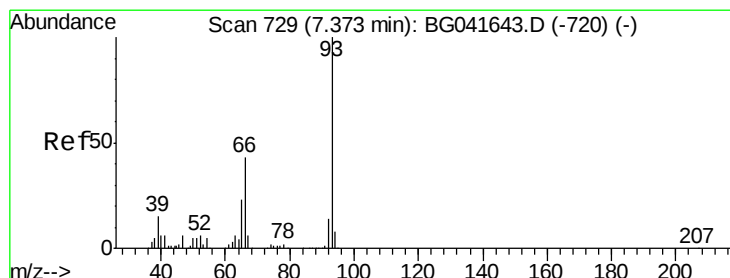
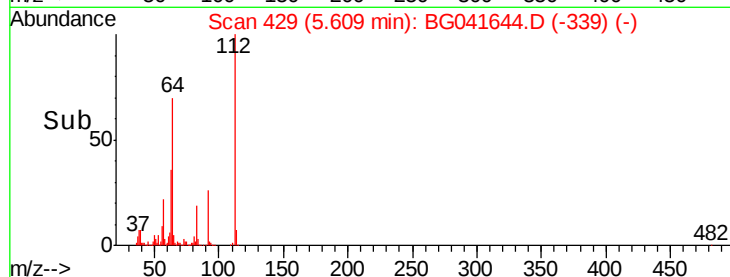
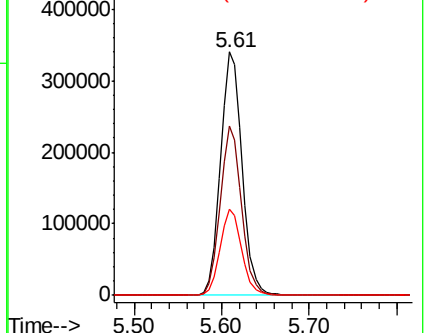
63 35.6 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 50.117 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BG041644.D

Acq: 15 Jul 2019 10:26

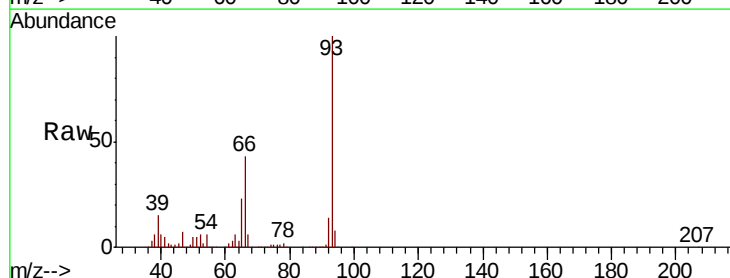
Tgt Ion: 93 Resp: 522950

Ion Ratio Lower Upper

93 100

66 43.3 34.2 51.2

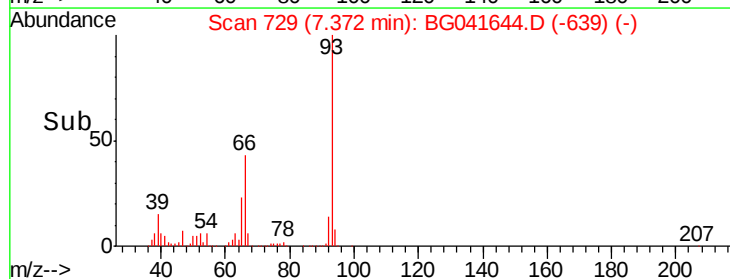
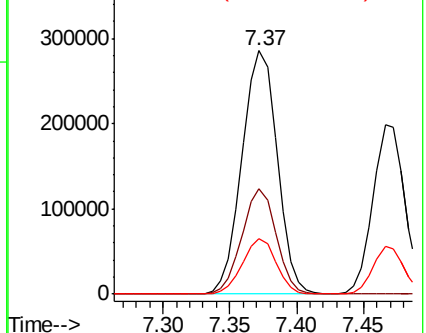
65 22.8 18.2 27.2

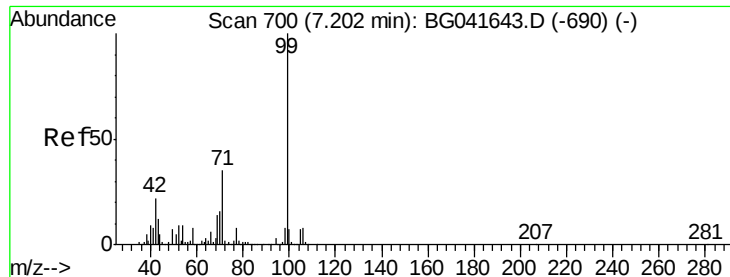


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 101.689 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG041644.D

Acq: 15 Jul 2019 10:26

Instrument :

BNA\_G

ClientSampled :

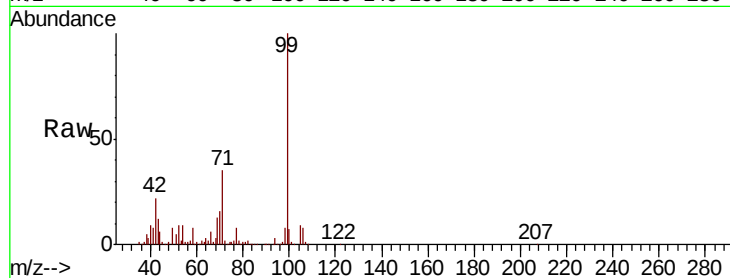
Tot Ion: 99 Resp: 774288

Ion Ratio Lower Upper

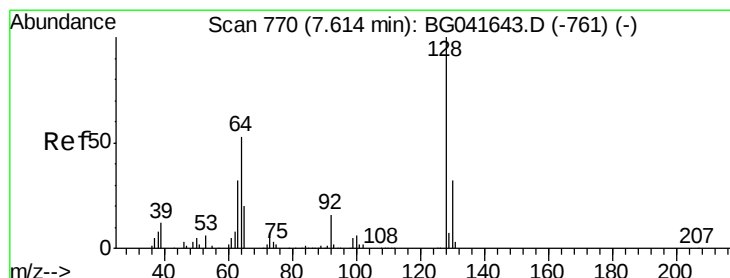
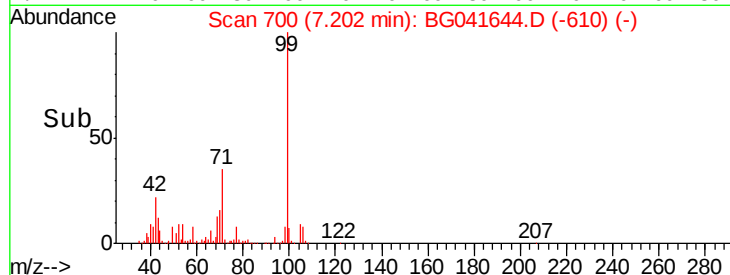
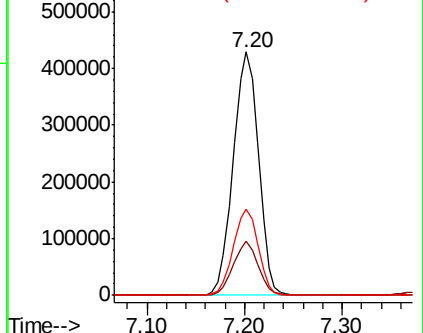
99 100

42 22.2 17.6 26.4

71 35.5 27.8 41.6



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: 51.913 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.00 min

Lab File: BG041644.D

Acq: 15 Jul 2019 10:26

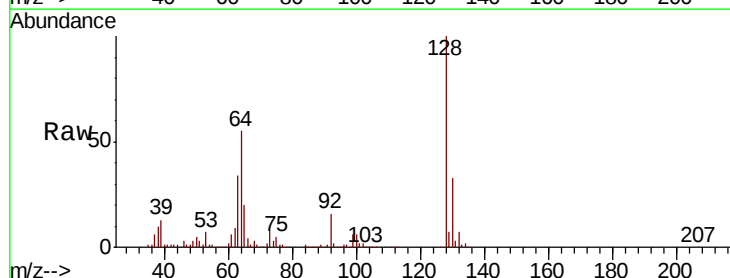
Tgt Ion: 128 Resp: 326427

Ion Ratio Lower Upper

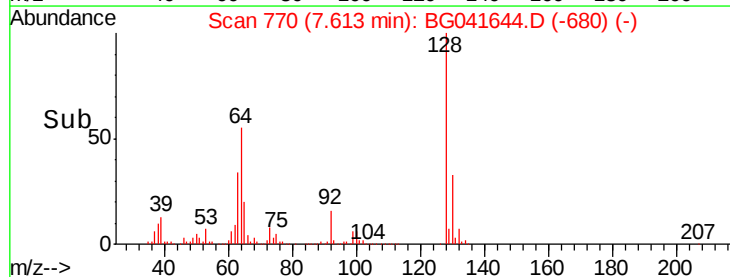
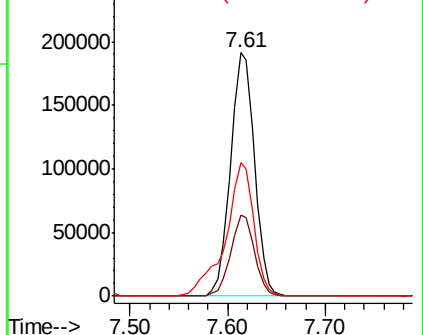
128 100

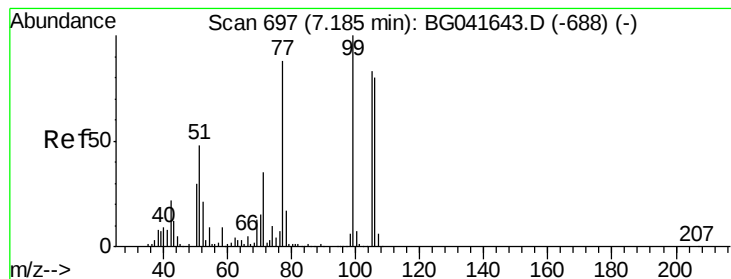
130 33.1 12.4 52.4

64 54.8 34.9 74.9



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





#9

Benzaldehyde

Concen: 51.860 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG041644.D

Acq: 15 Jul 2019 10:26

Instrument :

BNA\_G

ClientSampleId :

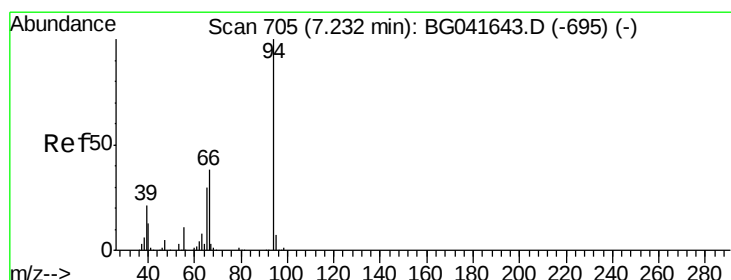
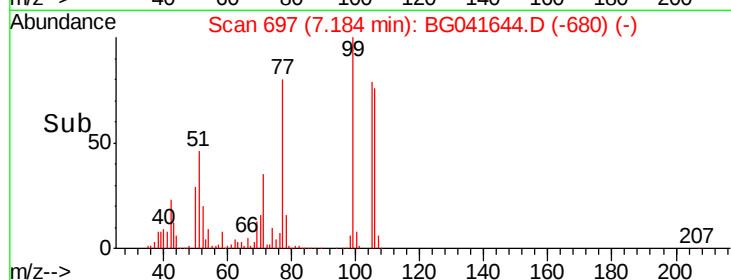
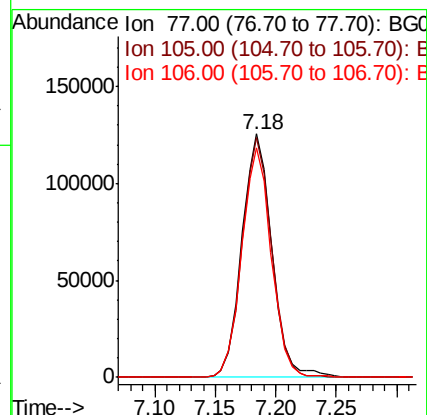
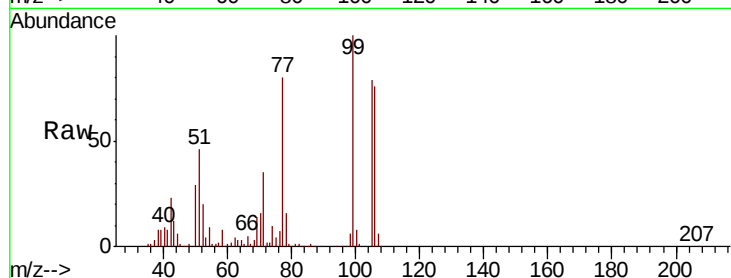
Tot Ion: 77 Resp: 217905

Ion Ratio Lower Upper

77 100

105 98.3 74.6 114.6

106 94.2 71.1 111.1



#10

Phenol

Concen: 51.467 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG041644.D

Acq: 15 Jul 2019 10:26

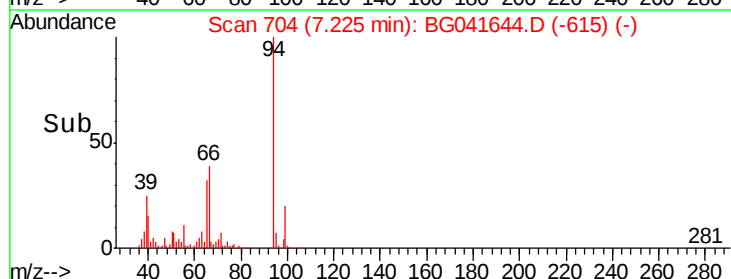
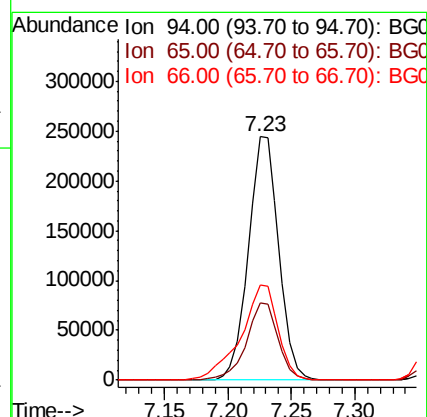
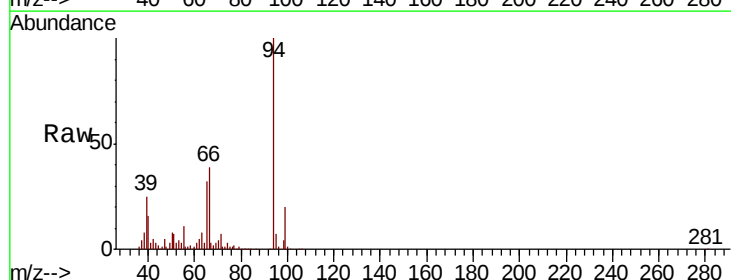
Tgt Ion: 94 Resp: 406893

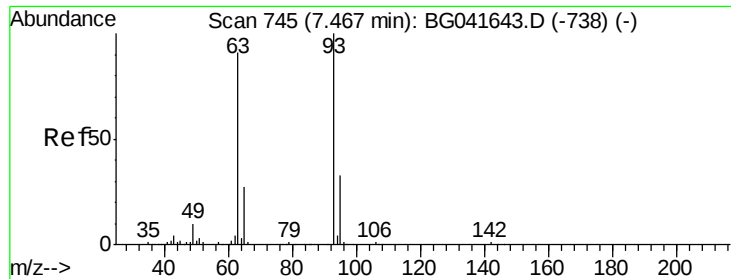
Ion Ratio Lower Upper

94 100

65 31.9 10.6 50.6

66 39.1 18.2 58.2

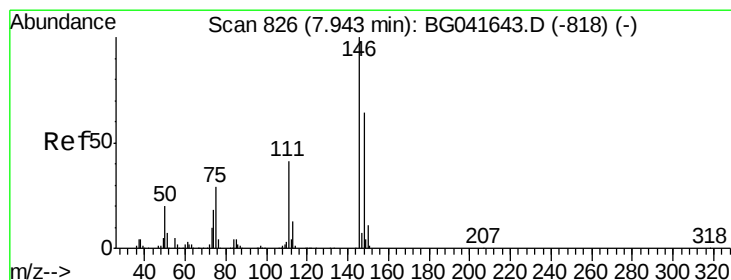
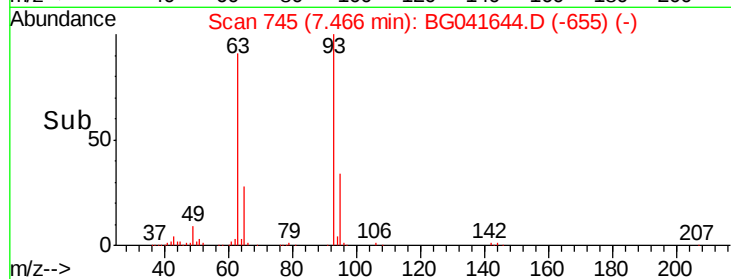
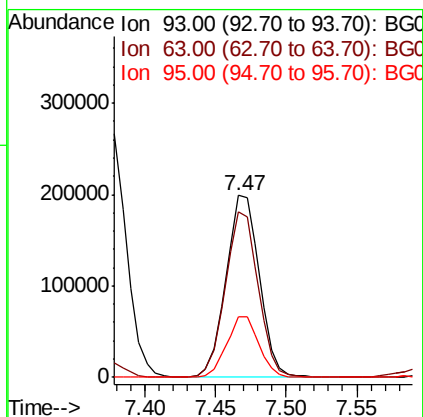
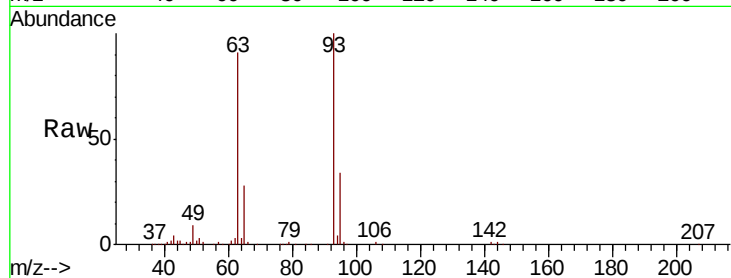




#11  
 bis(2-Chloroethyl)ether  
 Concen: 50.341 ng  
 RT: 7.47 min Scan# 745  
 Delta R.T. -0.00 min  
 Lab File: BG041644.D  
 Acq: 15 Jul 2019 10:26

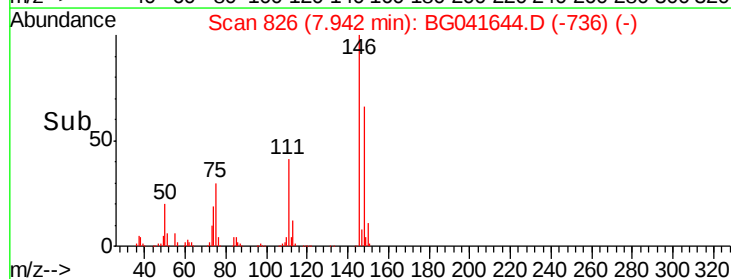
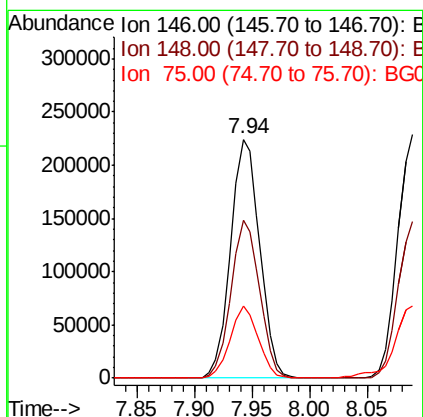
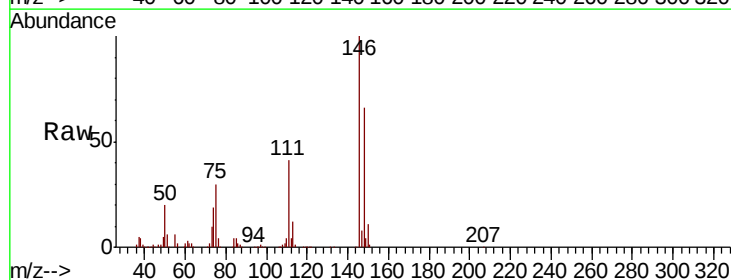
Instrument :  
 BNA\_G  
 ClientSampleId :

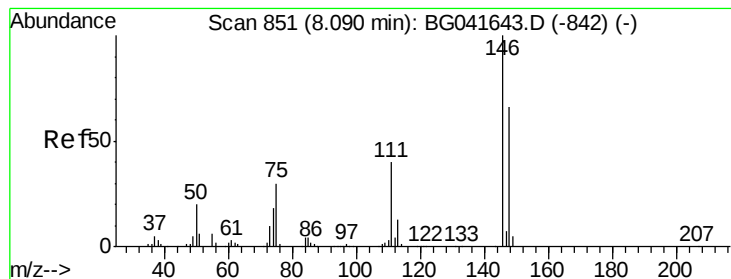
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 91.0  | 70.4  | 110.4 |
| 95      | 33.6  | 12.8  | 52.8  |



#12  
 1,3-Dichlorobenzene  
 Concen: 50.856 ng  
 RT: 7.94 min Scan# 826  
 Delta R.T. -0.00 min  
 Lab File: BG041644.D  
 Acq: 15 Jul 2019 10:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.0  | 51.5  | 77.3  |
| 75      | 30.0  | 23.2  | 34.8  |





#13

1,4-Dichlorobenzene

Concen: 50.855 ng

RT: 8.09 min Scan# 851

Delta R.T. -0.00 min

Lab File: BG041644.D

Acq: 15 Jul 2019 10:26

Instrument :

BNA\_G

ClientSampleId :

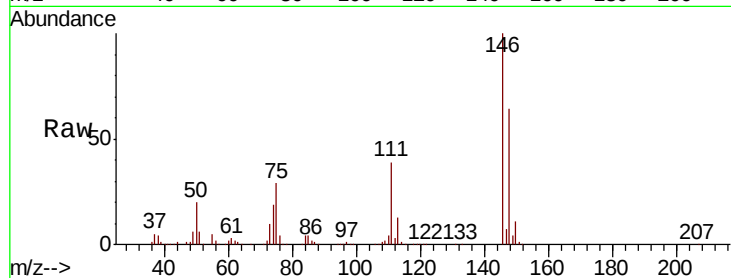
Tot Ion:146 Resp: 389534

Ion Ratio Lower Upper

146 100

148 64.2 52.6 79.0

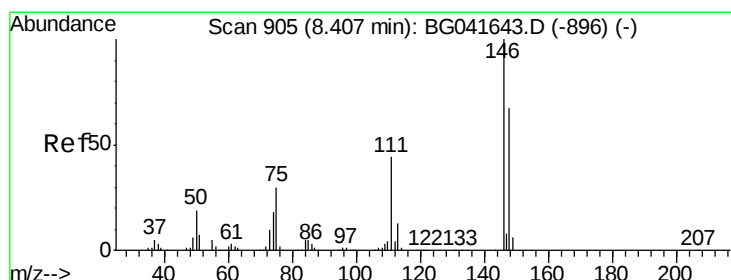
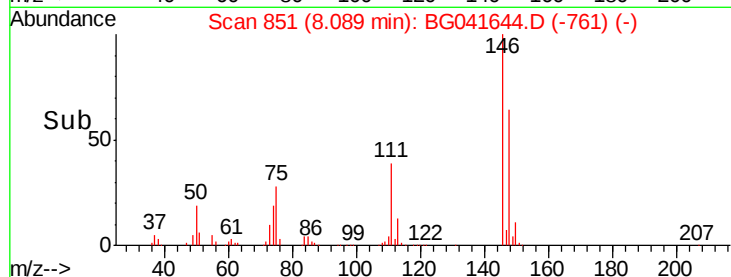
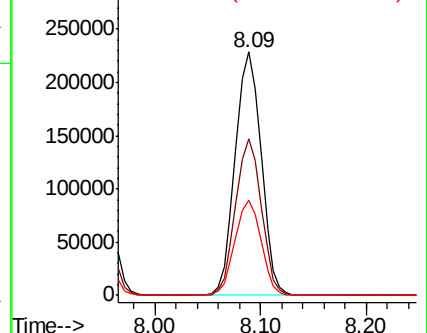
111 39.2 32.5 48.7



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: 50.231 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG041644.D

Acq: 15 Jul 2019 10:26

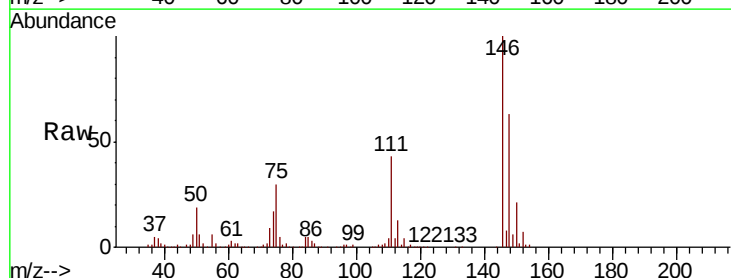
Tgt Ion:146 Resp: 365897

Ion Ratio Lower Upper

146 100

148 63.1 53.5 80.3

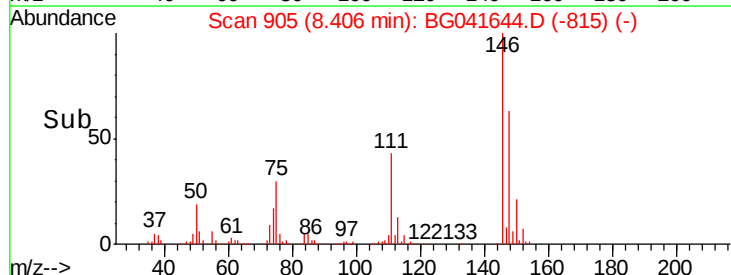
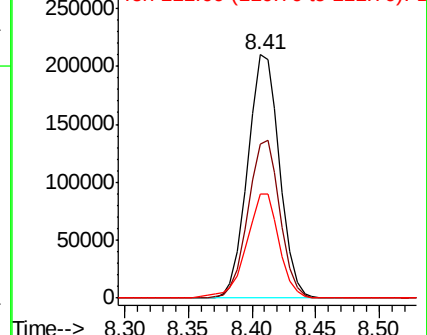
111 42.9 35.4 53.0

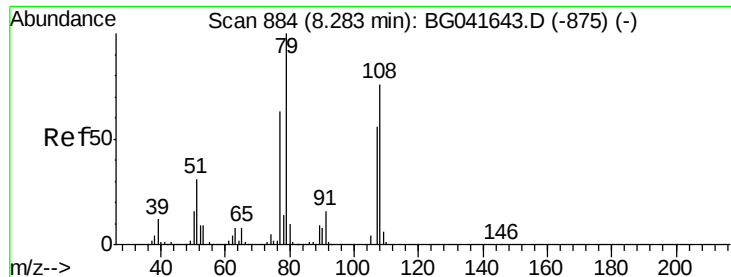


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 50.249 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG041644.D

Acq: 15 Jul 2019 10:26

Instrument :

BNA\_G

ClientSampleId :

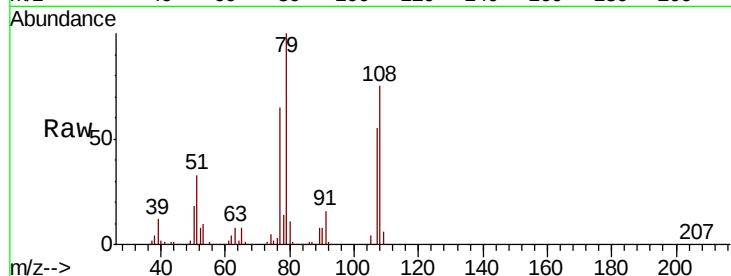
Tot Ion: 79 Resp: 310105

Ion Ratio Lower Upper

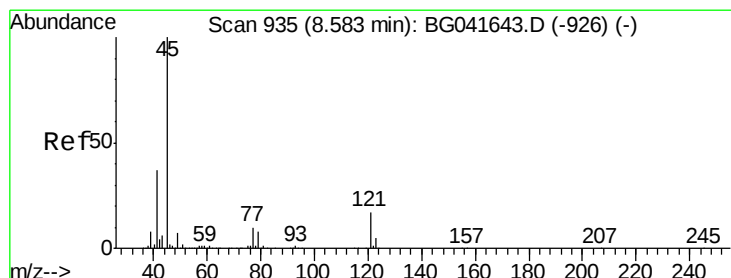
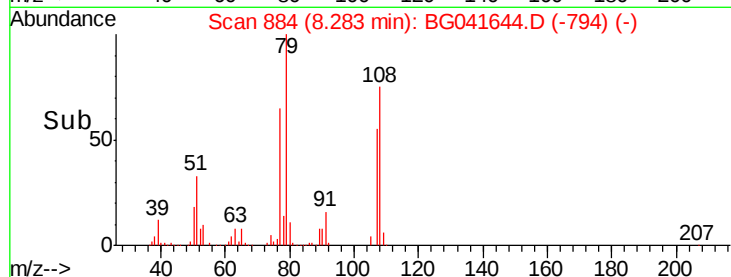
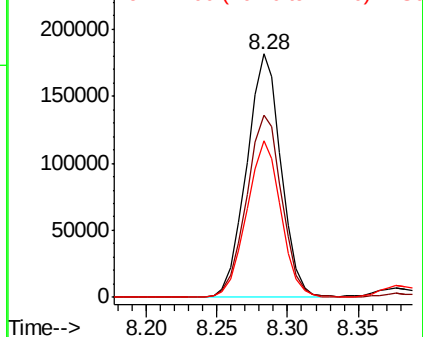
79 100

108 74.9 60.5 90.7

77 64.5 50.6 75.8



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: 48.922 ng

RT: 8.58 min Scan# 935

Delta R.T. -0.00 min

Lab File: BG041644.D

Acq: 15 Jul 2019 10:26

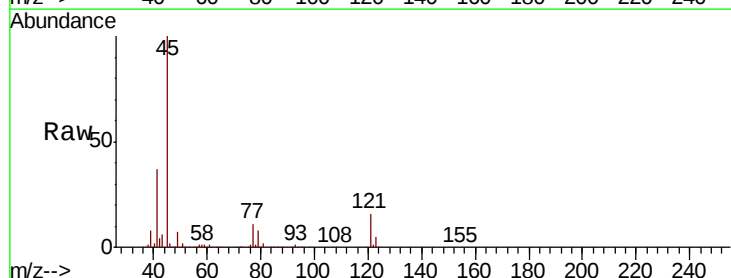
Tgt Ion: 45 Resp: 678740

Ion Ratio Lower Upper

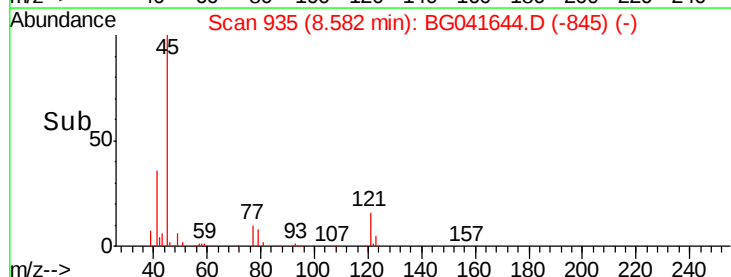
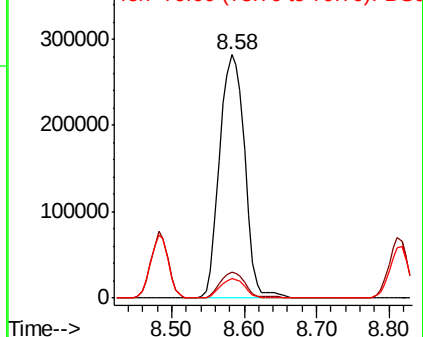
45 100

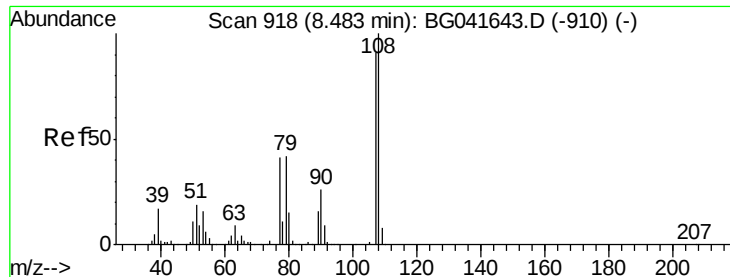
77 10.7 0.0 30.4

79 8.3 0.0 27.9



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: 49.667 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG041644.D

Acq: 15 Jul 2019 10:26

Instrument :

BNA\_G

ClientSampled :

Tot Ion:107 Resp: 279725

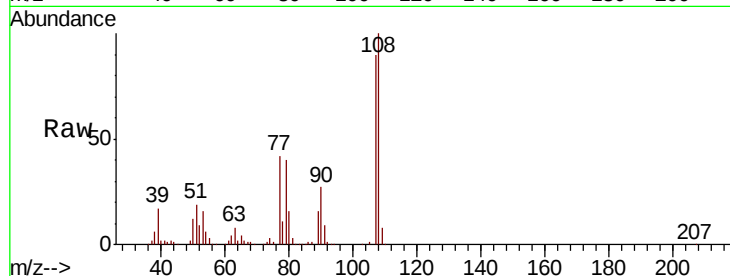
Ion Ratio Lower Upper

107 100

108 111.2 87.6 131.4

77 46.5 36.1 54.1

79 44.3 36.4 54.6

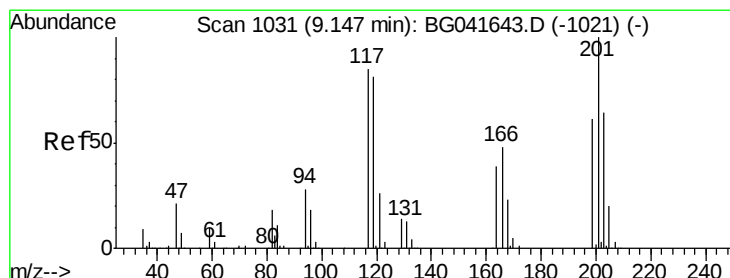
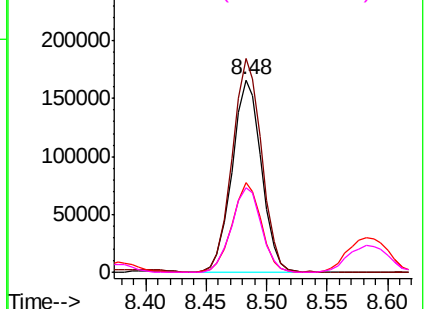
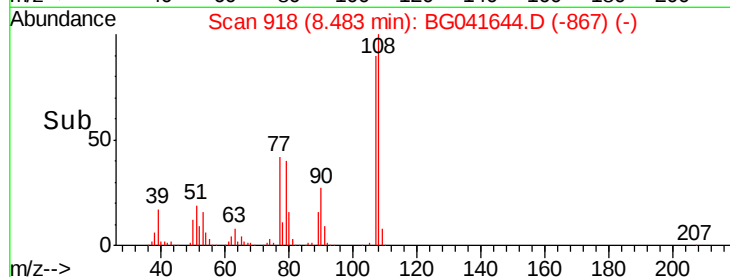


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 50.468 ng

RT: 9.14 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BG041644.D

Acq: 15 Jul 2019 10:26

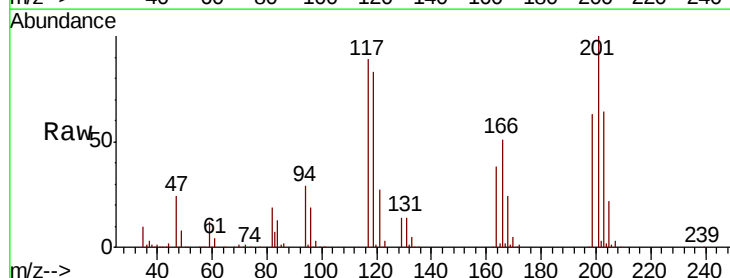
Tgt Ion:117 Resp: 143714

Ion Ratio Lower Upper

117 100

119 93.6 76.2 114.2

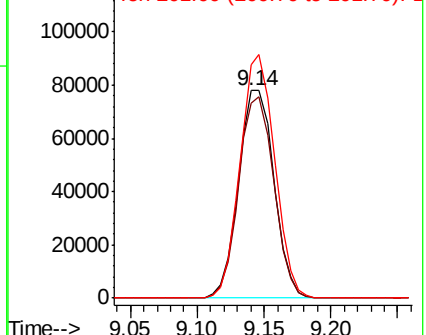
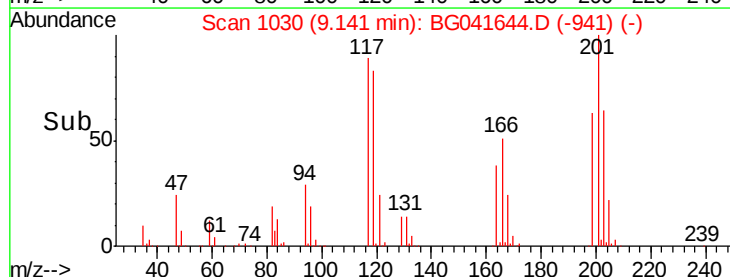
201 112.5 94.1 141.1

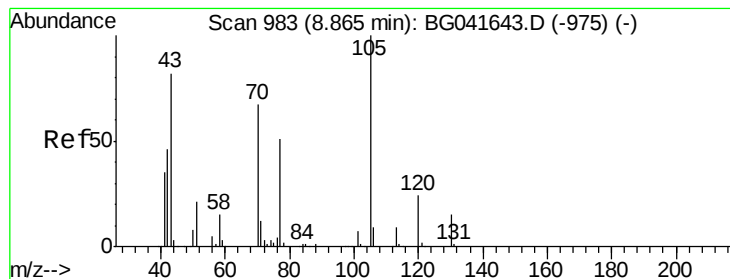


Abundance Ion 117.00 (116.70 to 117.70): E

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: 50.672 ng

RT: 8.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BG041644.D

Acq: 15 Jul 2019 10:26

Instrument :

BNA\_G

ClientSampleId :

Tot Ion: 70 Resp: 283367

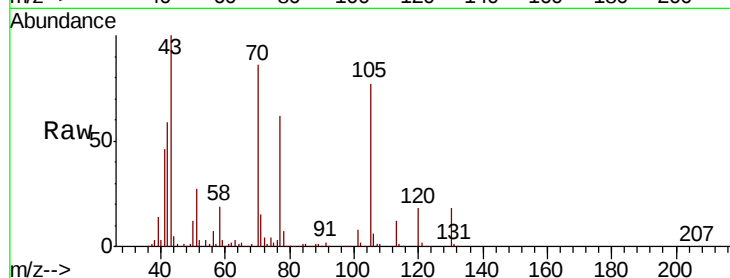
Ion Ratio Lower Upper

70 100

42 68.7 55.8 83.6

101 9.4 8.1 12.1

130 20.5 17.3 25.9



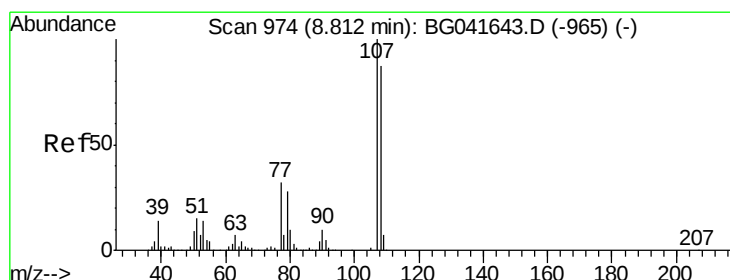
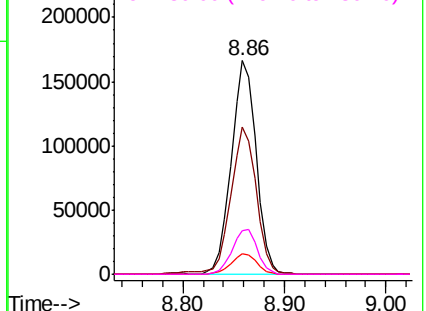
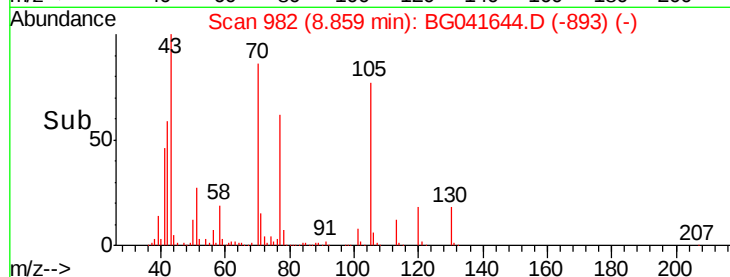
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 49.814 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.00 min

Lab File: BG041644.D

Acq: 15 Jul 2019 10:26

Tgt Ion: 107 Resp: 386232

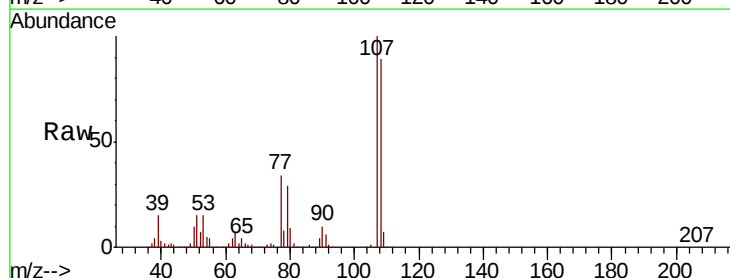
Ion Ratio Lower Upper

107 100

108 89.1 67.5 107.5

77 33.8 12.3 52.3

79 28.5 8.3 48.3



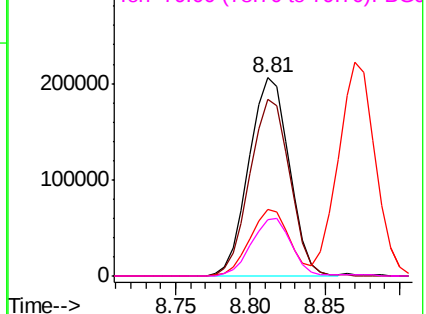
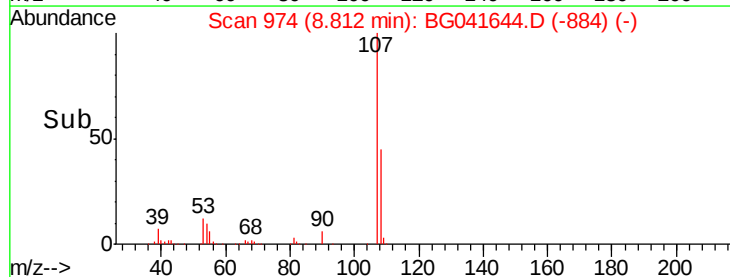
Abundance

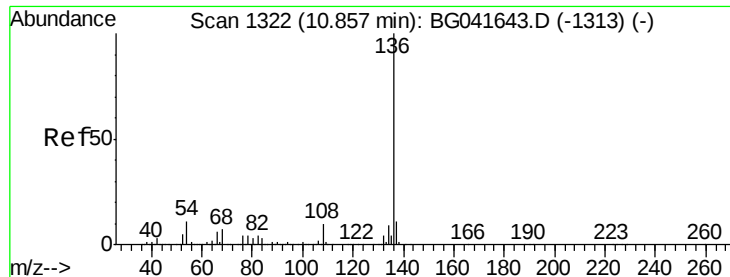
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

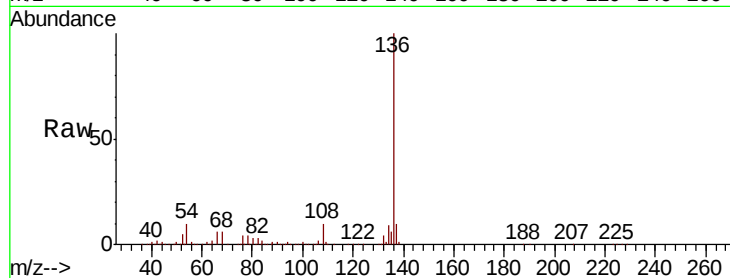




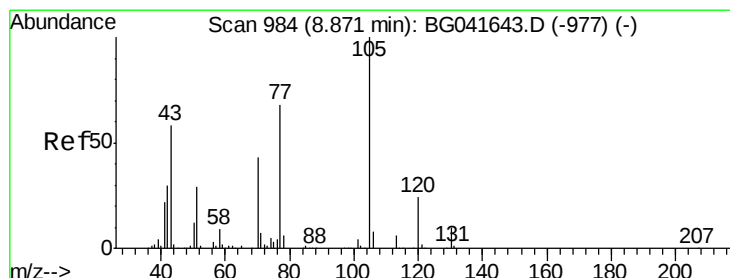
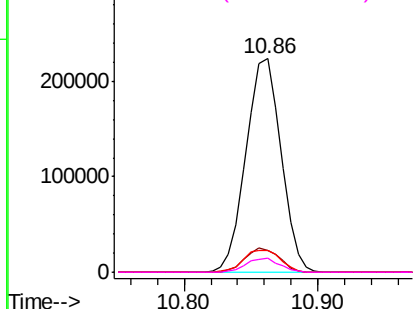
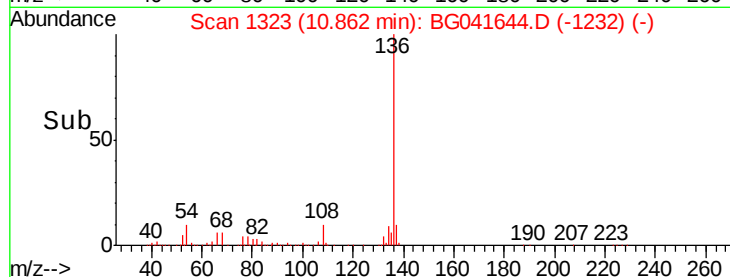
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.86 min Scan# 1323  
Delta R.T. 0.01 min  
Lab File: BG041644.D  
Acq: 15 Jul 2019 10:26

Instrument :  
BNA\_G  
ClientSampleId :

|             |              |
|-------------|--------------|
| Tot Ion:136 | Resp: 407466 |
| Ion Ratio   | Lower Upper  |
| 136 100     |              |
| 137 10.5    | 9.2 13.8     |
| 54 10.1     | 8.7 13.1     |
| 68 6.4      | 5.5 8.3      |

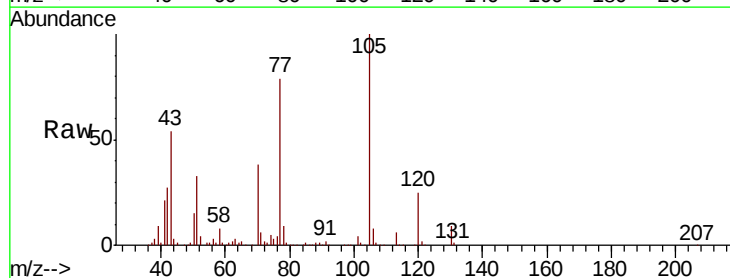


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

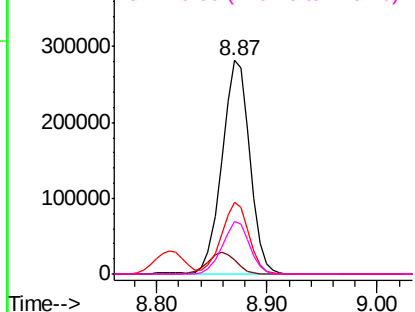
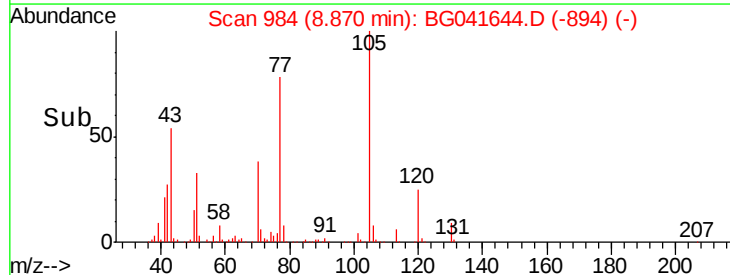


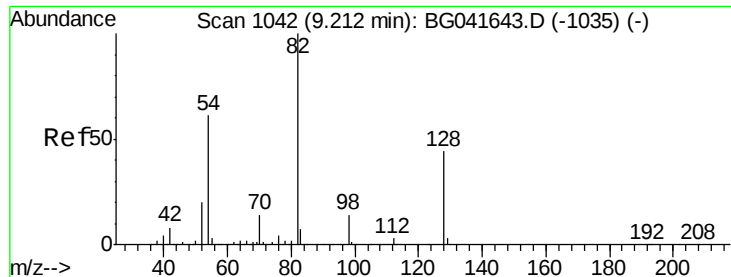
#22  
Acetophenone  
Concen: 48.958 ng  
RT: 8.87 min Scan# 984  
Delta R.T. -0.00 min  
Lab File: BG041644.D  
Acq: 15 Jul 2019 10:26

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 493630 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 6.4     | 5.9   | 8.9    |
| 51  | 33.3    | 27.7  | 41.5   |
| 120 | 24.8    | 19.3  | 28.9   |



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

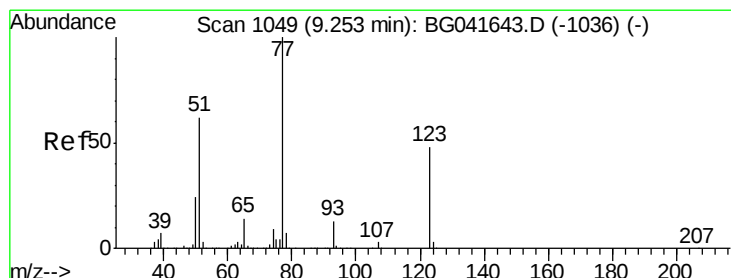
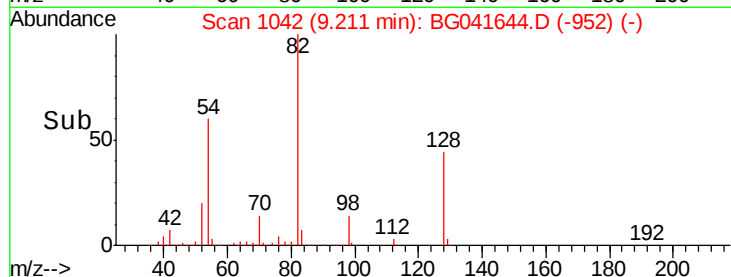
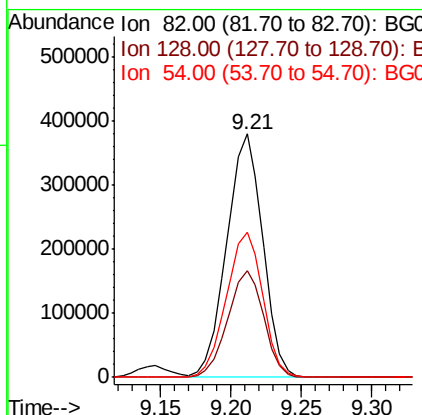
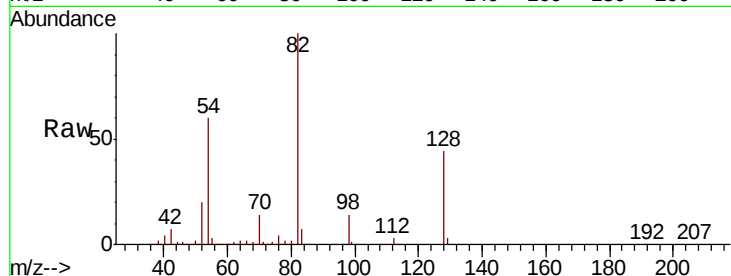




#23  
 Nitrobenzene-d5  
 Concen: 100.678 ng  
 RT: 9.21 min Scan# 1042  
 Delta R.T. -0.00 min  
 Lab File: BG041644.D  
 Acq: 15 Jul 2019 10:26

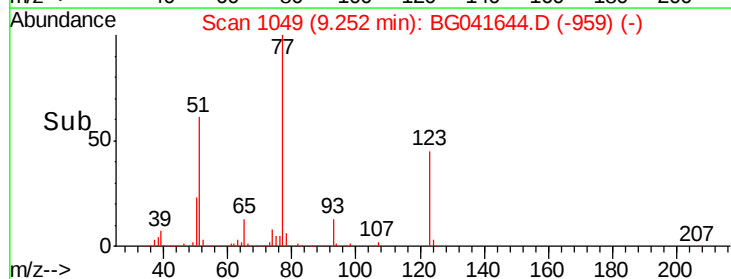
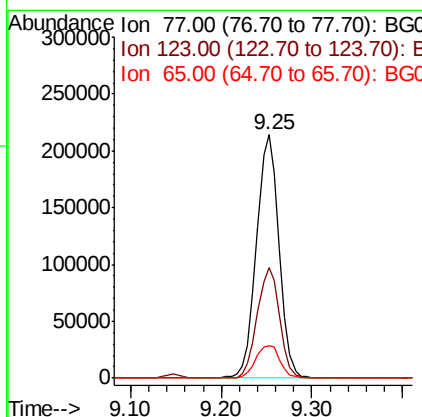
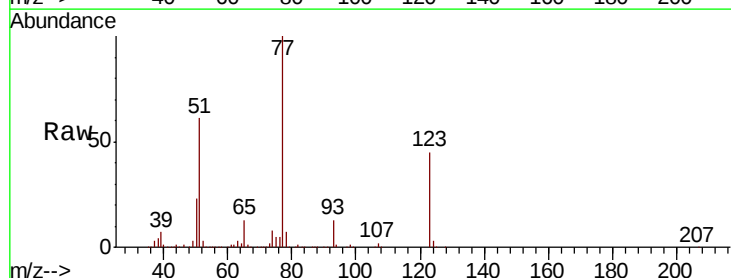
Instrument :  
 BNA\_G  
 ClientSampleId :

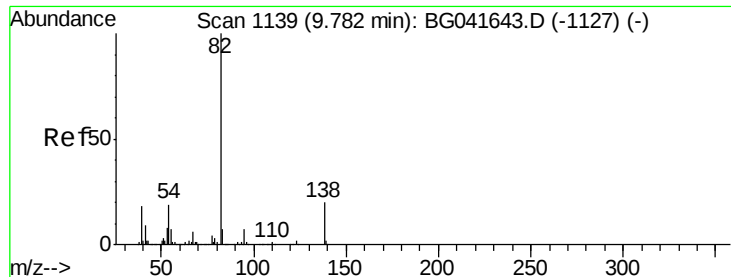
| Tot Ion   | 82    | Resp  | 673125 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 43.7  | 35.1  | 52.7   |
| 54        | 59.8  | 48.7  | 73.1   |



#24  
 Nitrobenzene  
 Concen: 52.806 ng  
 RT: 9.25 min Scan# 1049  
 Delta R.T. -0.00 min  
 Lab File: BG041644.D  
 Acq: 15 Jul 2019 10:26

| Tgt Ion   | 77    | Resp  | 368719 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 45.2  | 38.1  | 57.1   |
| 65        | 13.3  | 11.0  | 16.6   |





#25

Isophorone

Concen: 50.469 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BG041644.D

Acq: 15 Jul 2019 10:26

Instrument :

BNA\_G

ClientSampled :

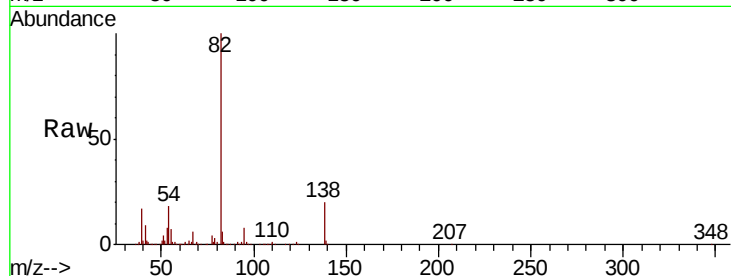
Tot Ion: 82 Resp: 734789

Ion Ratio Lower Upper

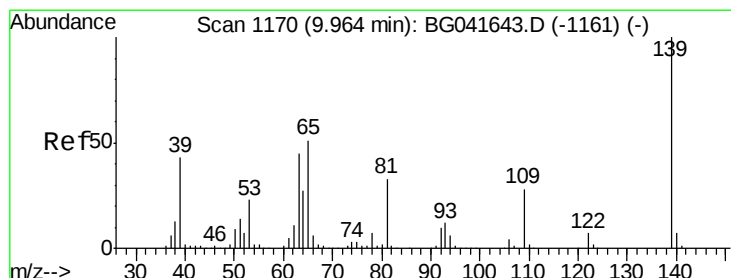
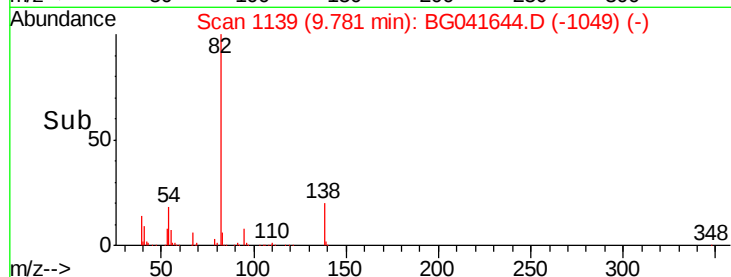
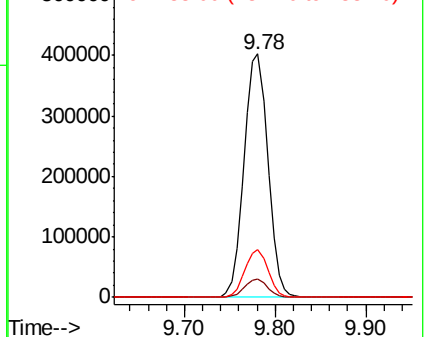
82 100

95 7.5 5.9 8.9

138 19.5 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC  
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 53.151 ng

RT: 9.96 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BG041644.D

Acq: 15 Jul 2019 10:26

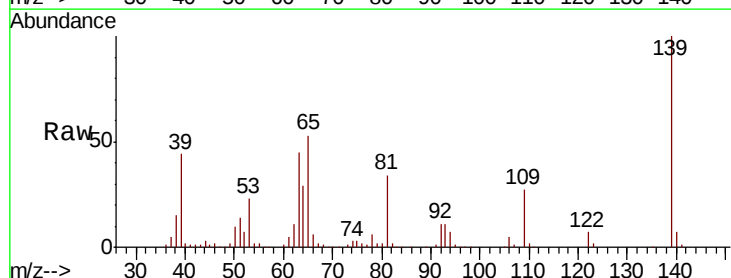
Tgt Ion: 139 Resp: 163384

Ion Ratio Lower Upper

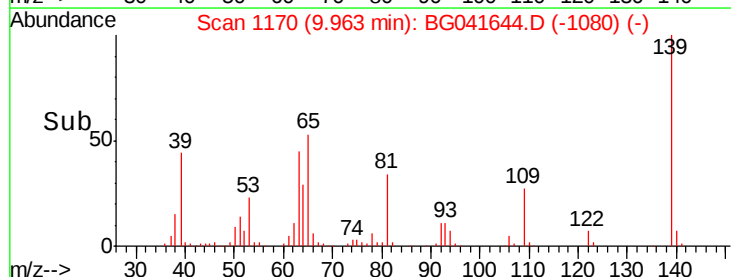
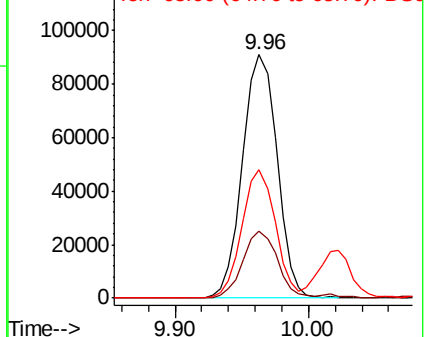
139 100

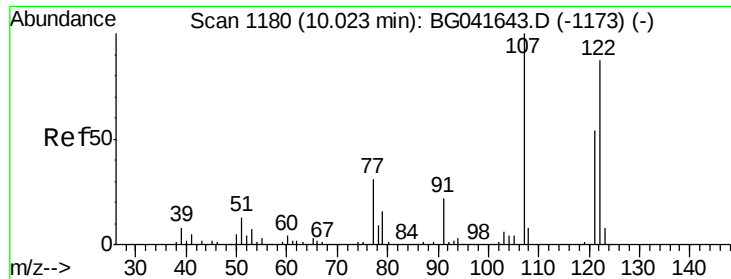
109 27.5 22.7 34.1

65 52.5 41.1 61.7



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

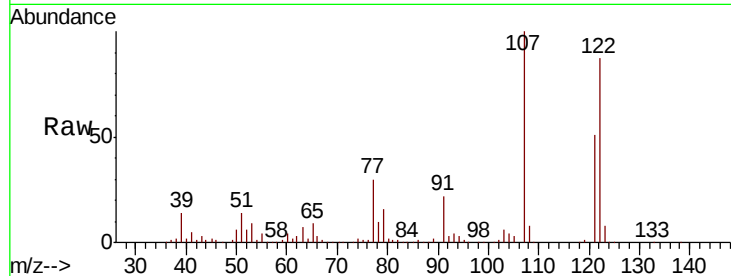




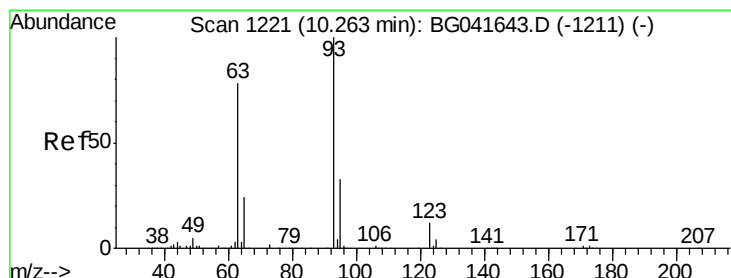
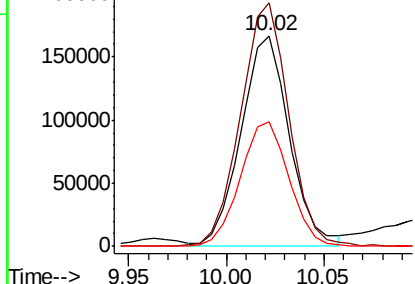
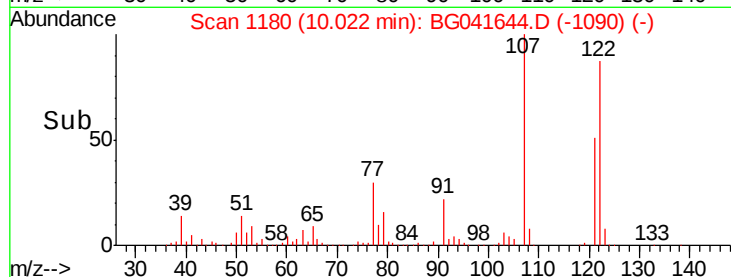
#27  
 2,4-Dimethylphenol  
 Concen: 49.455 ng  
 RT: 10.02 min Scan# 1180  
 Delta R.T. -0.00 min  
 Lab File: BG041644.D  
 Acq: 15 Jul 2019 10:26

Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion:122 Resp: 286447  
 Ion Ratio Lower Upper  
 122 100  
 107 115.5 91.3 136.9  
 121 59.1 49.2 73.8

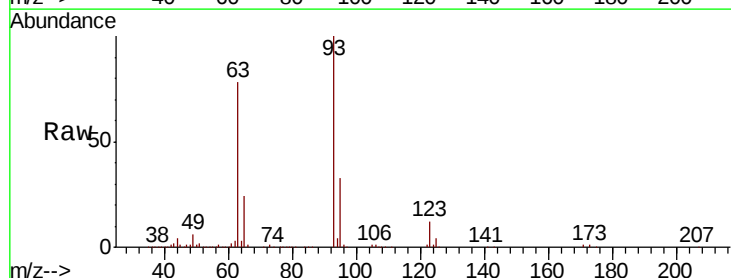


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

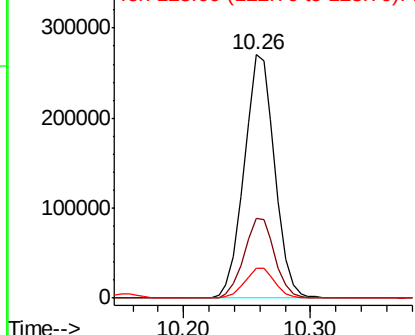
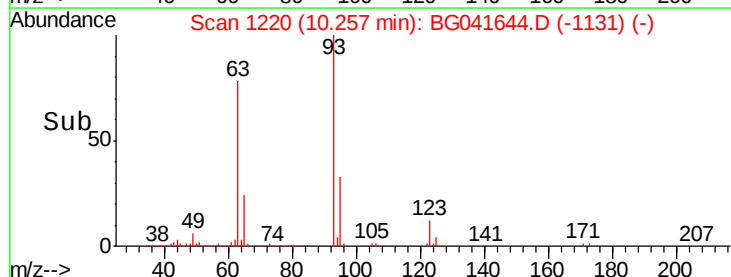


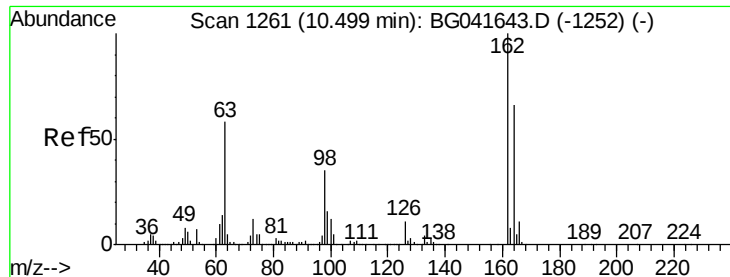
#28  
 bis(2-Chloroethoxy)methane  
 Concen: 49.851 ng  
 RT: 10.26 min Scan# 1220  
 Delta R.T. -0.01 min  
 Lab File: BG041644.D  
 Acq: 15 Jul 2019 10:26

Tgt Ion: 93 Resp: 450368  
 Ion Ratio Lower Upper  
 93 100  
 95 32.5 26.2 39.4  
 123 12.1 9.9 14.9



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

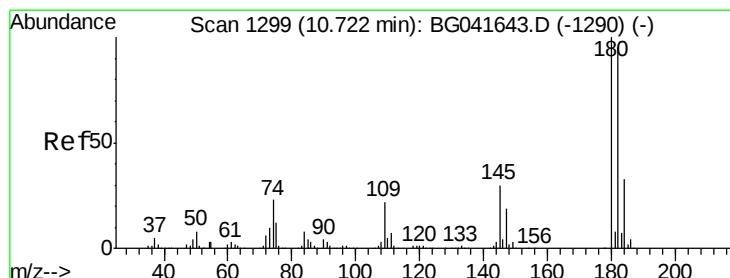
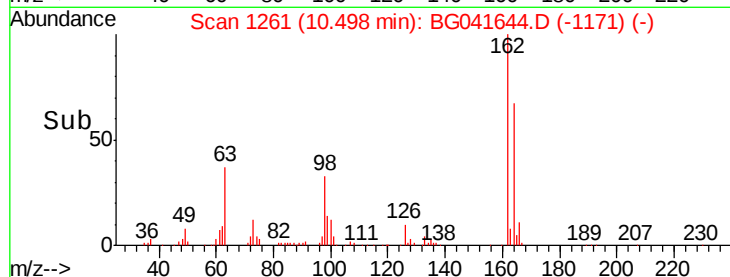
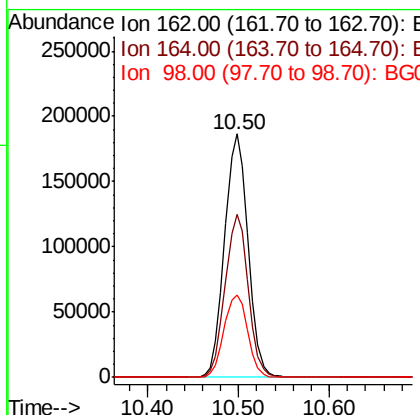
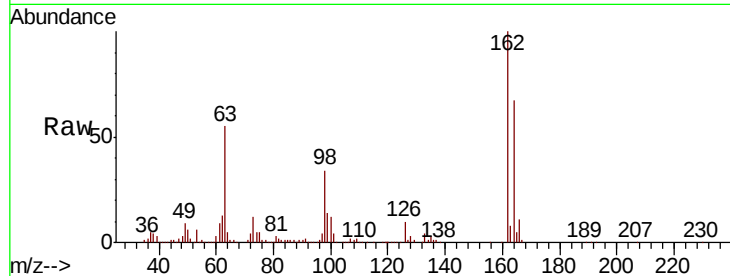




#29  
 2,4-Dichlorophenol  
 Concen: 49.979 ng  
 RT: 10.50 min Scan# 1261  
 Delta R.T. -0.00 min  
 Lab File: BG041644.D  
 Acq: 15 Jul 2019 10:26

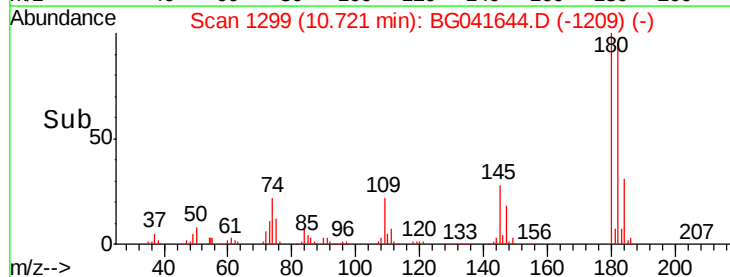
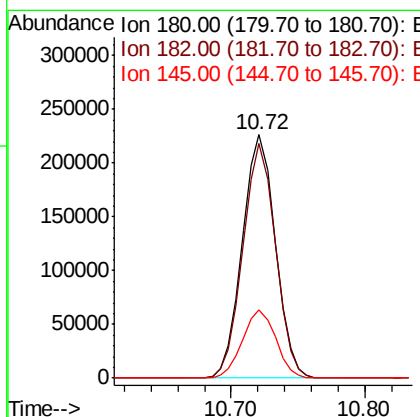
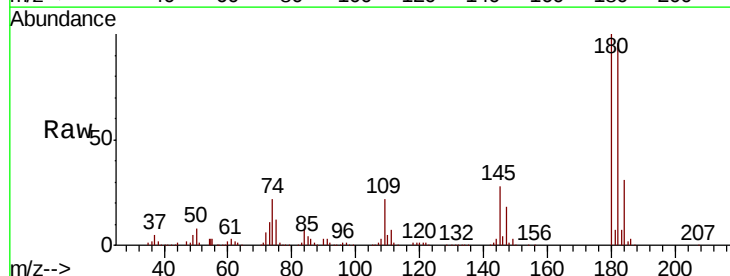
Instrument :  
 BNA\_G  
 ClientSampleId :

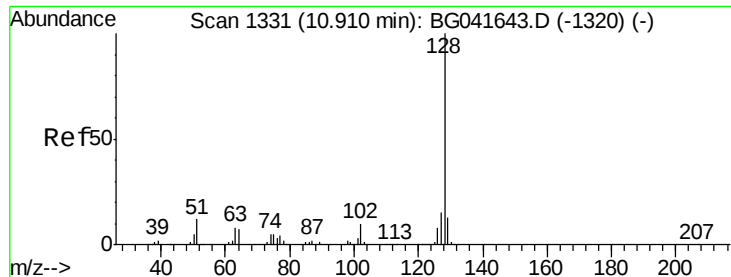
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 66.8  | 46.1  | 86.1  |
| 98      | 33.7  | 14.7  | 54.7  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 49.603 ng  
 RT: 10.72 min Scan# 1299  
 Delta R.T. -0.00 min  
 Lab File: BG041644.D  
 Acq: 15 Jul 2019 10:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.3  | 76.2  | 114.2 |
| 145     | 28.3  | 23.8  | 35.8  |

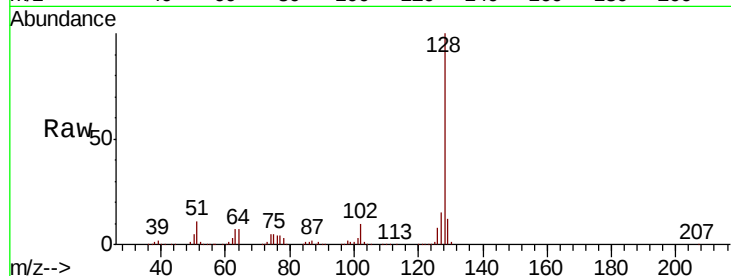




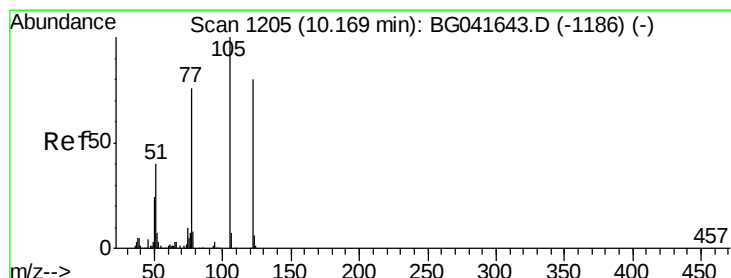
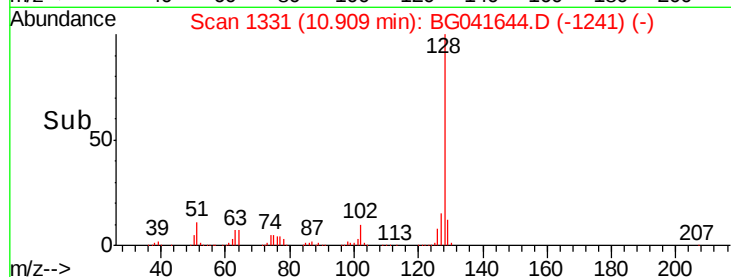
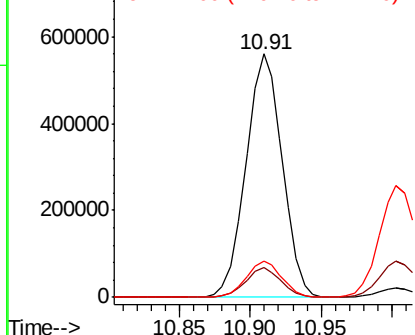
#31  
Naphthalene  
Concen: 50.600 ng  
RT: 10.91 min Scan# 1331  
Delta R.T. -0.00 min  
Lab File: BG041644.D  
Acq: 15 Jul 2019 10:26

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:128 Resp: 1006844  
Ion Ratio Lower Upper  
128 100  
129 12.2 10.0 15.0  
127 14.9 12.3 18.5

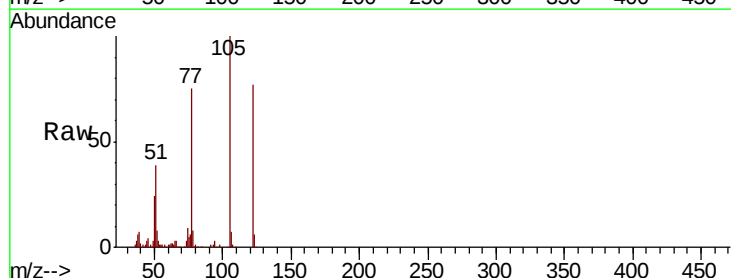


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

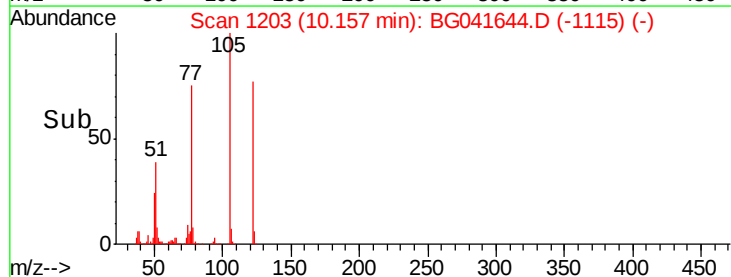
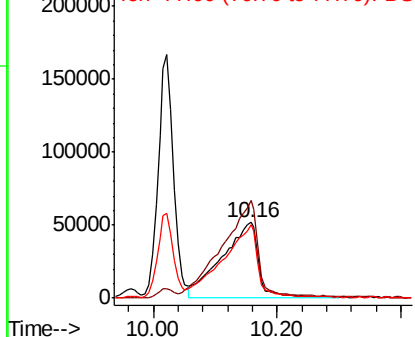


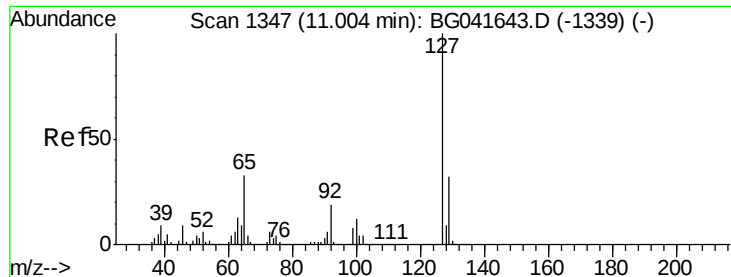
#32  
Benzoic acid  
Concen: 50.040 ng  
RT: 10.16 min Scan# 1203  
Delta R.T. -0.01 min  
Lab File: BG041644.D  
Acq: 15 Jul 2019 10:26

Tgt Ion:122 Resp: 212953  
Ion Ratio Lower Upper  
122 100  
105 129.0 101.5 141.5  
77 97.1 73.0 113.0



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BG

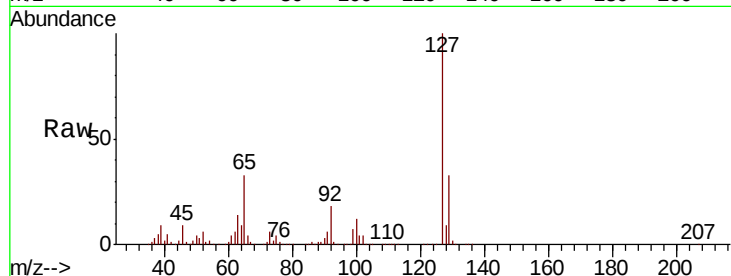




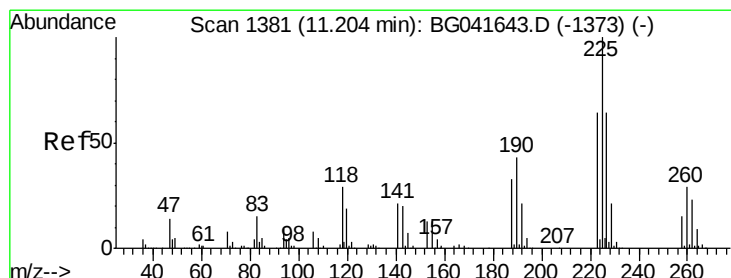
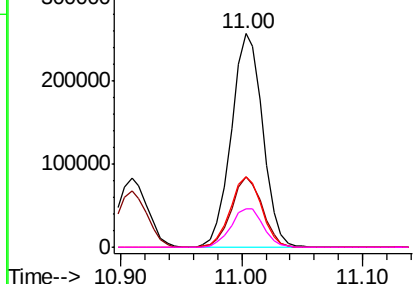
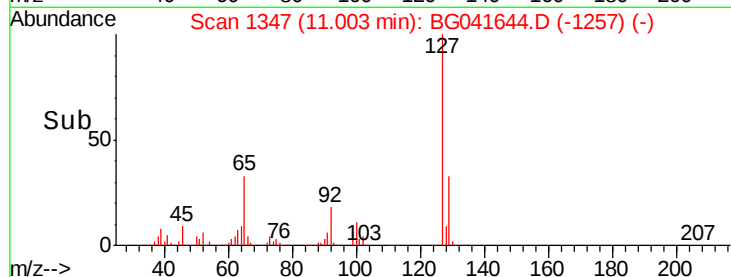
#33  
4-Chloroaniline  
Concen: 48.405 ng  
RT: 11.00 min Scan# 1347  
Delta R.T. -0.00 min  
Lab File: BG041644.D  
Acq: 15 Jul 2019 10:26

Instrument :  
BNA\_G  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 462910 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.7  | 25.8  | 38.8   |
| 65       | 33.2  | 26.7  | 40.1   |
| 92       | 18.2  | 15.4  | 23.0   |

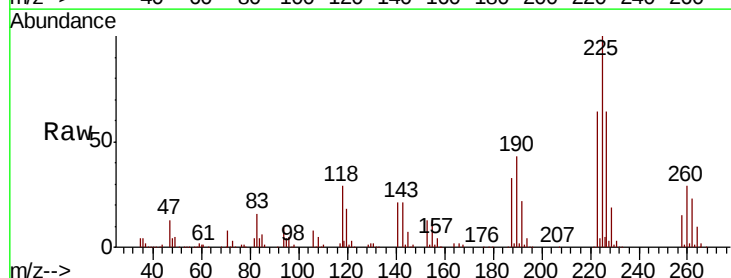


Abundance Ion 127.00 (126.70 to 127.70): E  
400000  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC

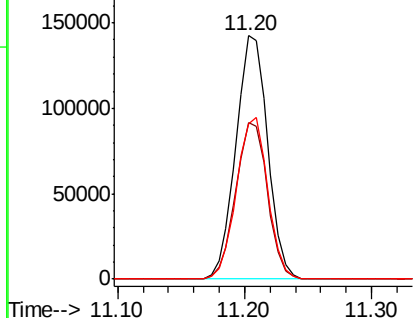
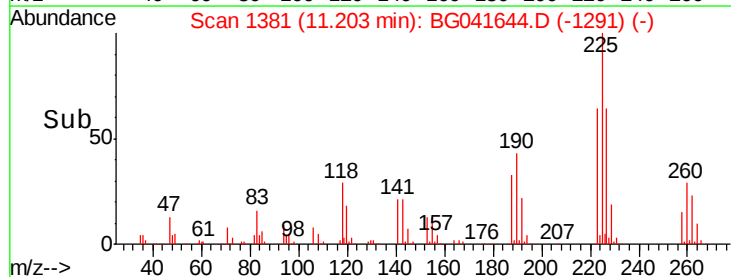


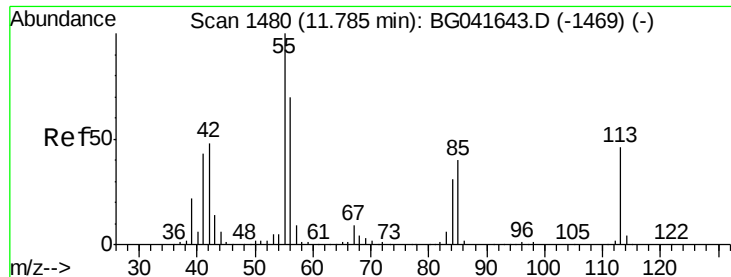
#34  
Hexachlorobutadiene  
Concen: 48.932 ng  
RT: 11.20 min Scan# 1381  
Delta R.T. -0.00 min  
Lab File: BG041644.D  
Acq: 15 Jul 2019 10:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 247283 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.4  | 51.1  | 76.7   |
| 227      | 63.9  | 50.9  | 76.3   |



Abundance Ion 225.00 (224.70 to 225.70): E  
150000  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 47.712 ng

RT: 11.77 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BG041644.D

Acq: 15 Jul 2019 10:26

Instrument :

BNA\_G

ClientSampleId :

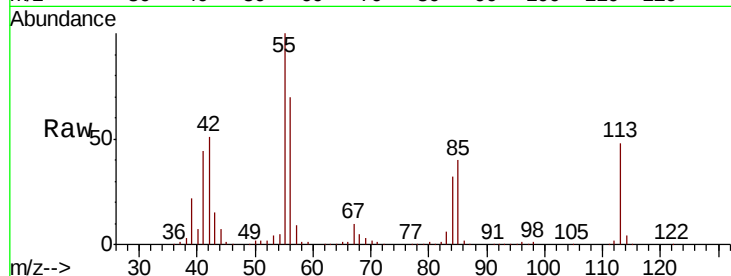
Tot Ion:113 Resp: 121889

Ion Ratio Lower Upper

113 100

55 208.8 199.4 239.4

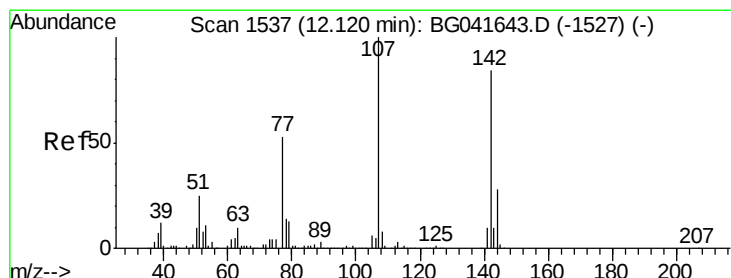
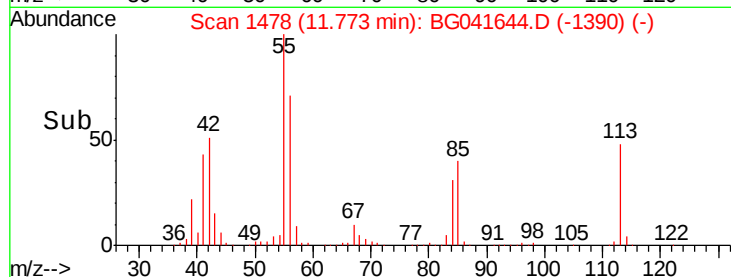
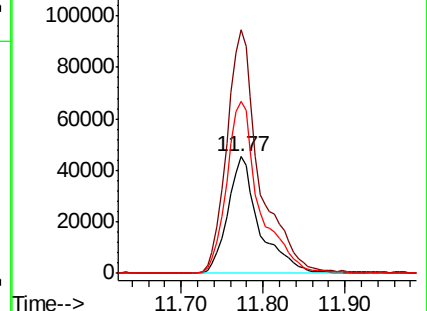
56 147.0 133.6 173.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 49.601 ng

RT: 12.12 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BG041644.D

Acq: 15 Jul 2019 10:26

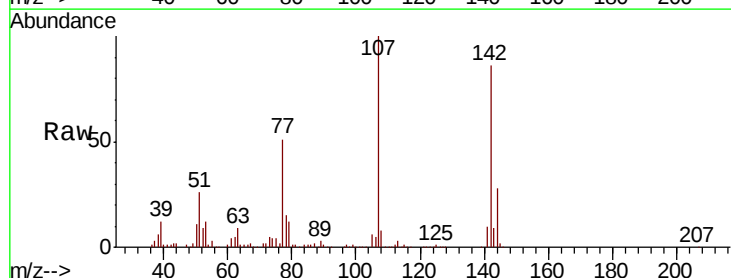
Tgt Ion:107 Resp: 345439

Ion Ratio Lower Upper

107 100

144 28.2 22.2 33.2

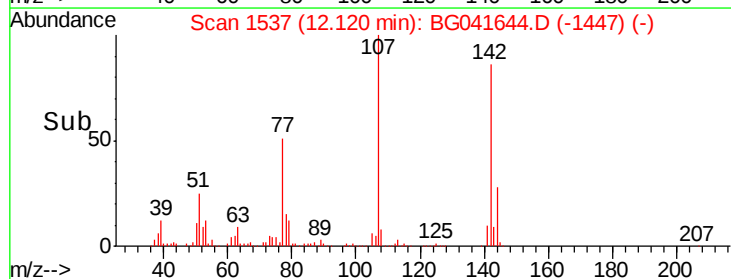
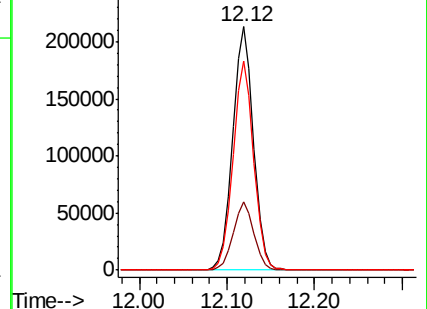
142 85.8 67.3 100.9

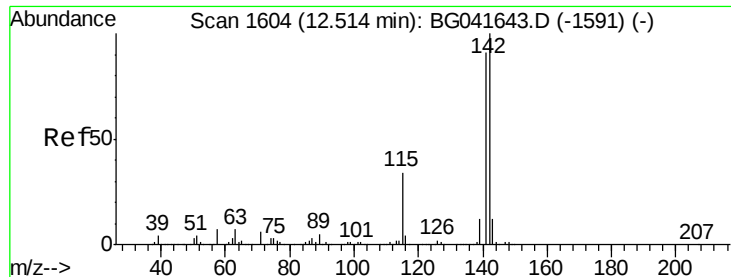


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

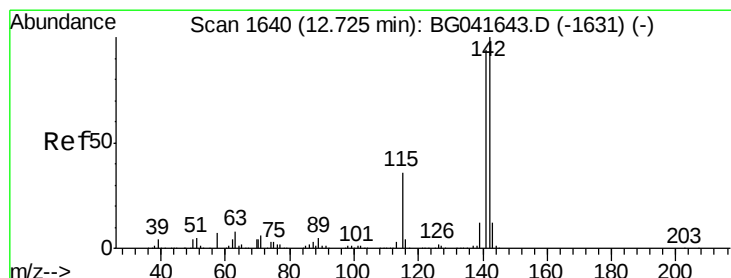
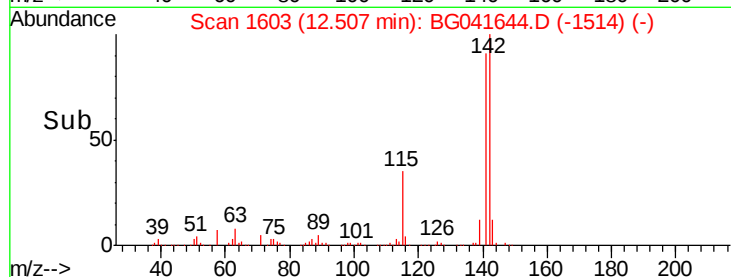
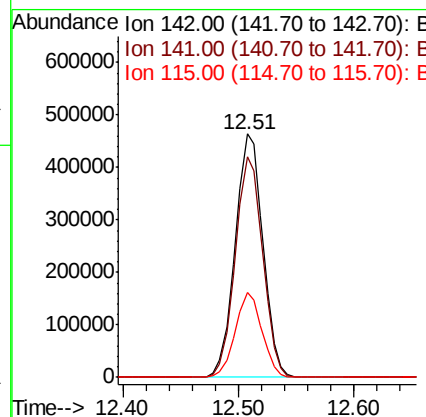
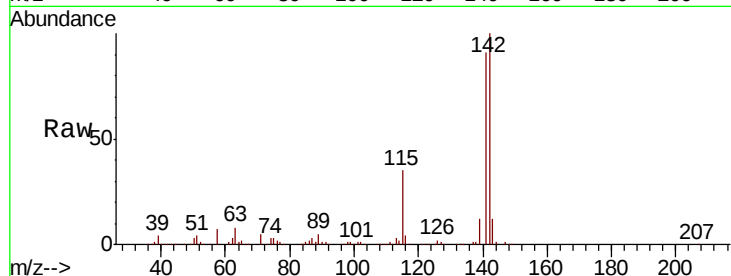




#37  
 2-Methylnaphthalene  
 Concen: 50.463 ng  
 RT: 12.51 min Scan# 1603  
 Delta R.T. -0.01 min  
 Lab File: BG041644.D  
 Acq: 15 Jul 2019 10:26

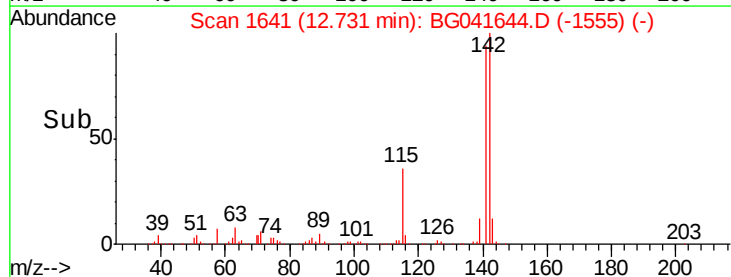
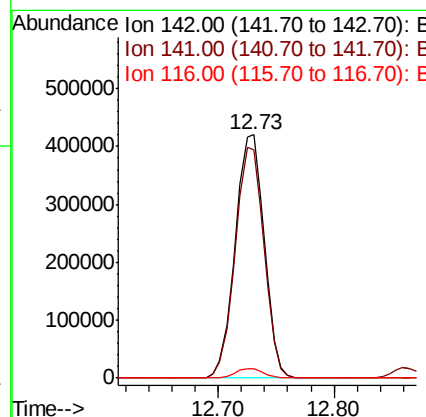
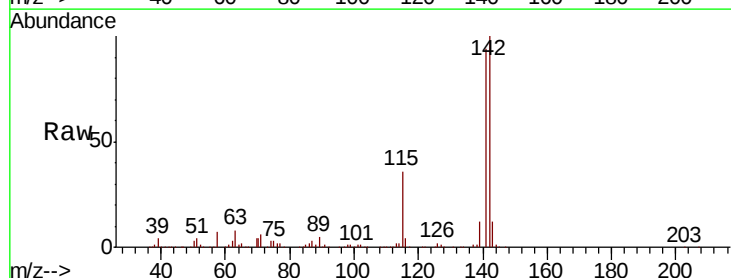
Instrument :  
 BNA\_G  
 ClientSampleId :

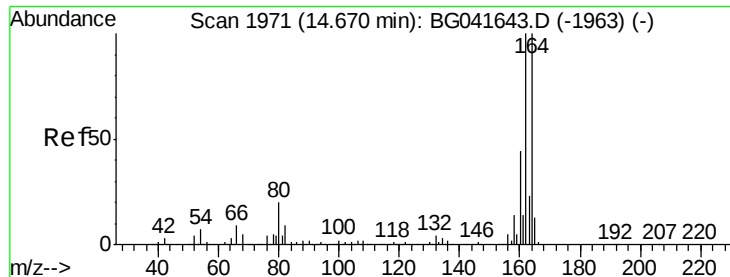
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.6  | 72.7  | 109.1 |
| 115     | 35.1  | 27.0  | 40.4  |



#38  
 1-Methylnaphthalene  
 Concen: 50.613 ng  
 RT: 12.73 min Scan# 1641  
 Delta R.T. 0.01 min  
 Lab File: BG041644.D  
 Acq: 15 Jul 2019 10:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 93.7  | 75.4  | 113.2 |
| 116     | 3.8   | 3.2   | 4.8   |

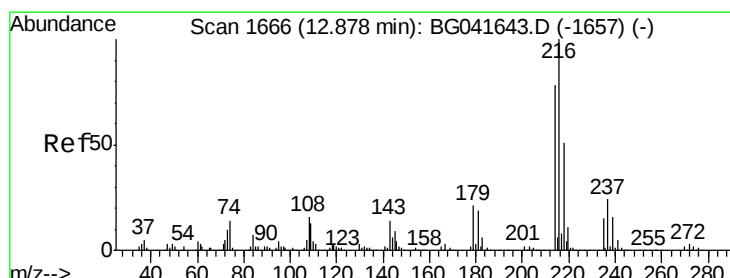
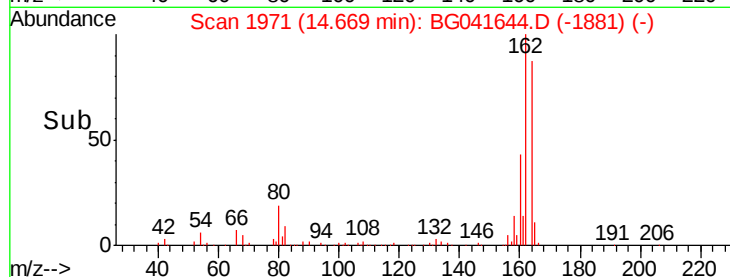
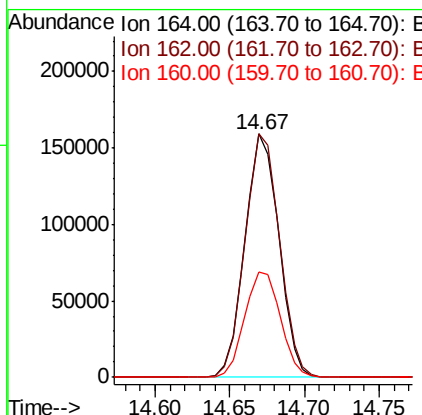
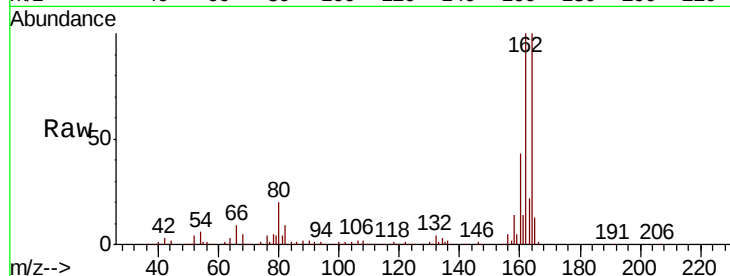




#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.67 min Scan# 1971  
 Delta R.T. -0.00 min  
 Lab File: BG041644.D  
 Acq: 15 Jul 2019 10:26

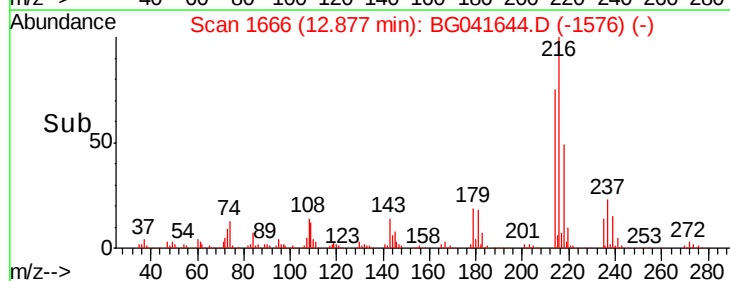
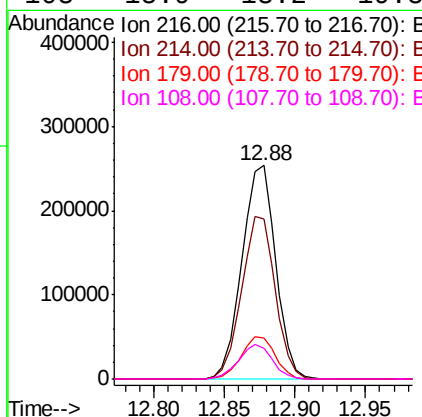
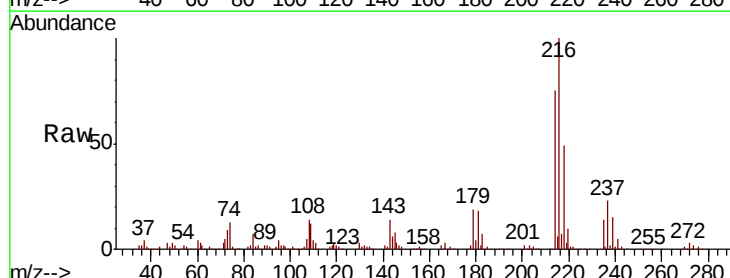
Instrument :  
 BNA\_G  
 ClientSampleId :

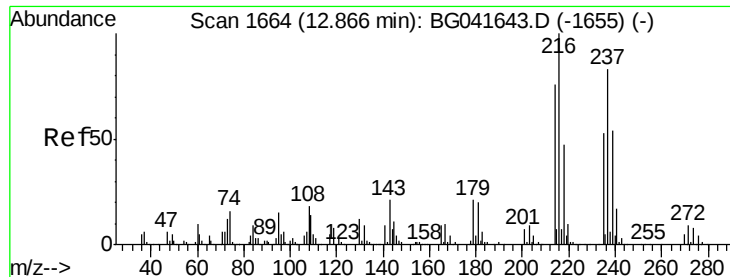
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 99.8  | 79.6  | 119.4 |
| 160     | 43.2  | 35.4  | 53.0  |



#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 50.062 ng  
 RT: 12.88 min Scan# 1666  
 Delta R.T. -0.00 min  
 Lab File: BG041644.D  
 Acq: 15 Jul 2019 10:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 75.8  | 61.5  | 92.3  |
| 179     | 19.9  | 16.2  | 24.2  |
| 108     | 15.9  | 13.2  | 19.8  |





#41

Hexachlorocyclopentadiene

Concen: 46.996 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG041644.D

Acq: 15 Jul 2019 10:26

Instrument :

BNA\_G

ClientSampleId :

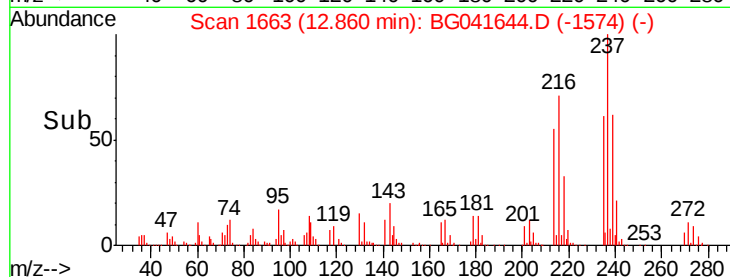
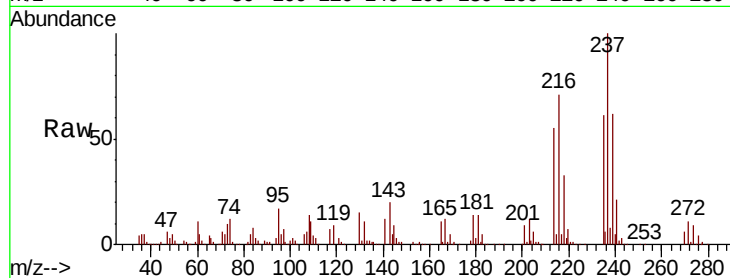
Tot Ion:237 Resp: 244095

Ion Ratio Lower Upper

237 100

235 60.6 43.5 83.5

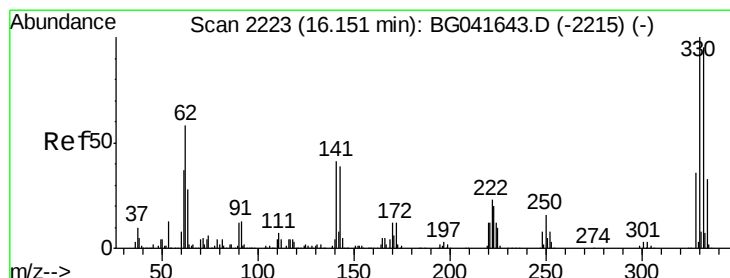
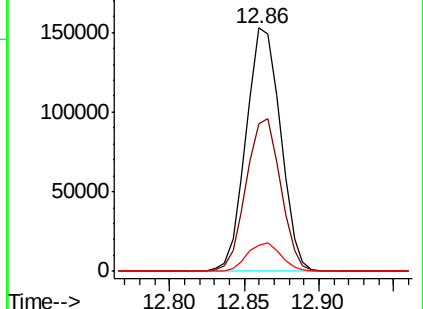
272 10.9 0.0 31.2



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: 99.200 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.00 min

Lab File: BG041644.D

Acq: 15 Jul 2019 10:26

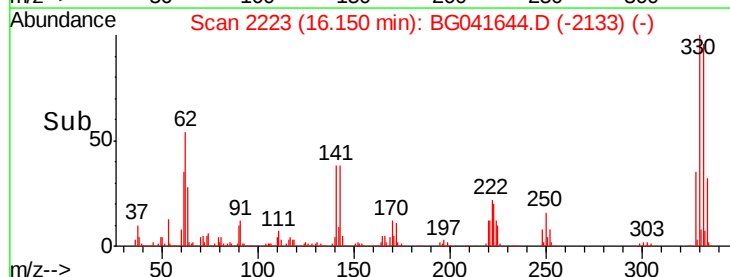
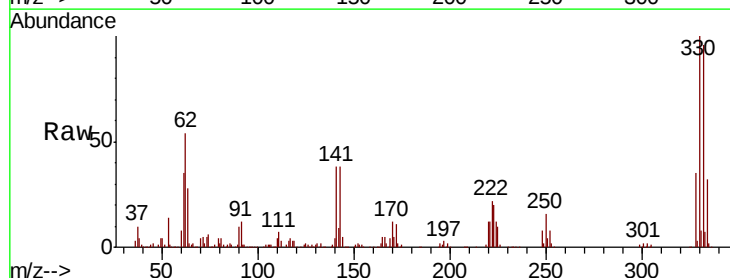
Tgt Ion:330 Resp: 283796

Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.0

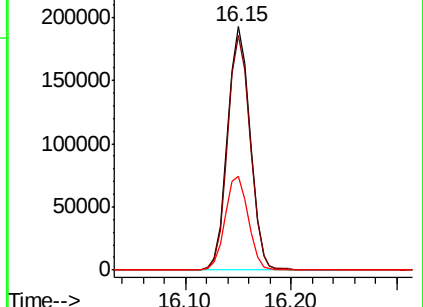
141 39.4 31.9 47.9

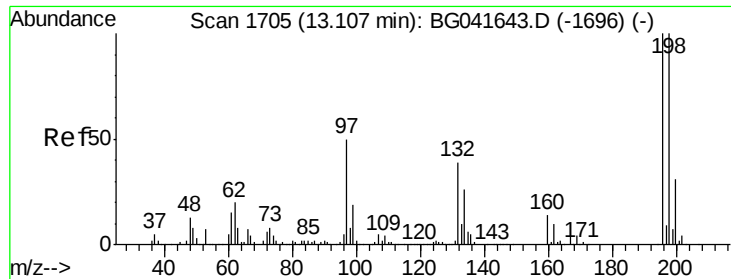


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

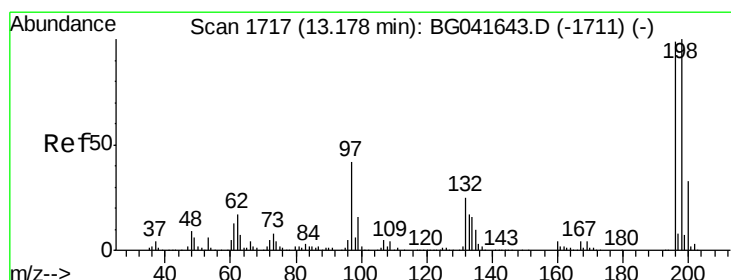
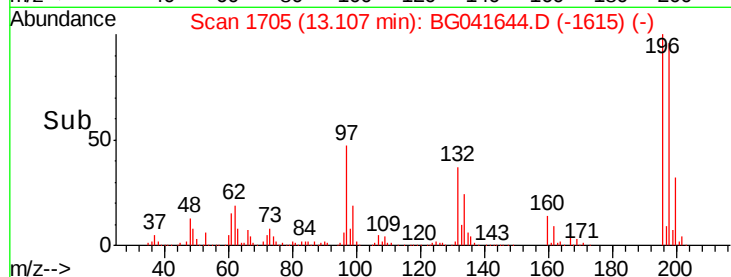
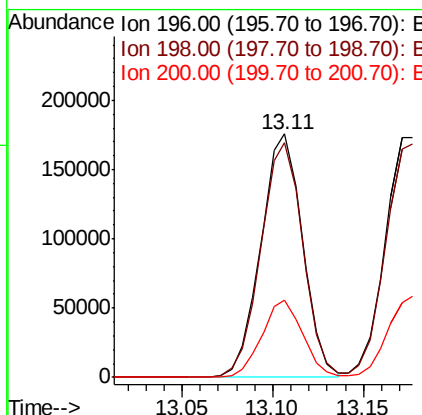
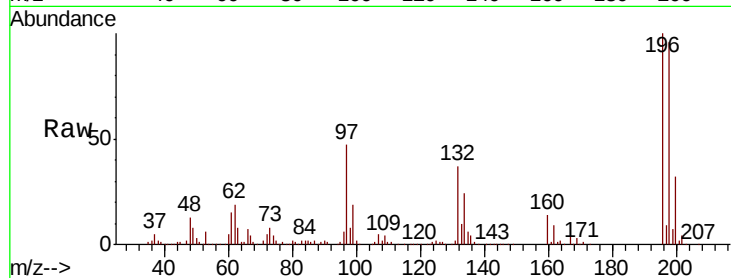




#43  
 2,4,6-Trichlorophenol  
 Concen: 50.529 ng  
 RT: 13.11 min Scan# 1705  
 Delta R.T. -0.00 min  
 Lab File: BG041644.D  
 Acq: 15 Jul 2019 10:26

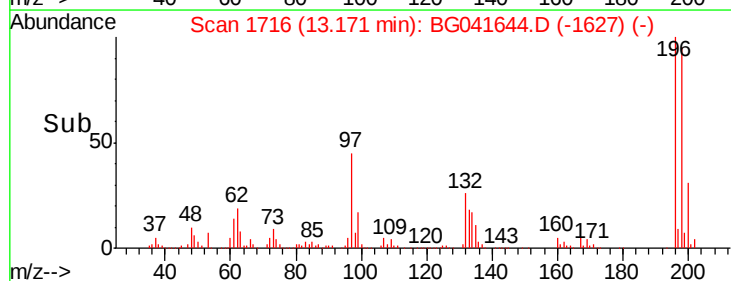
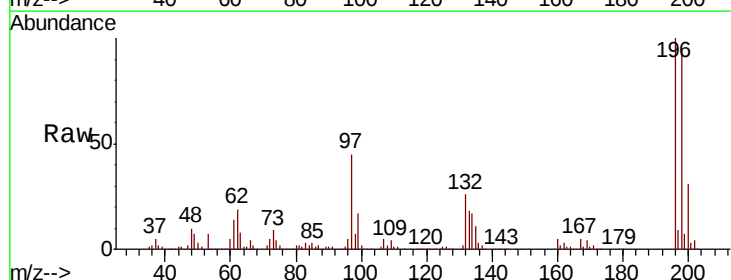
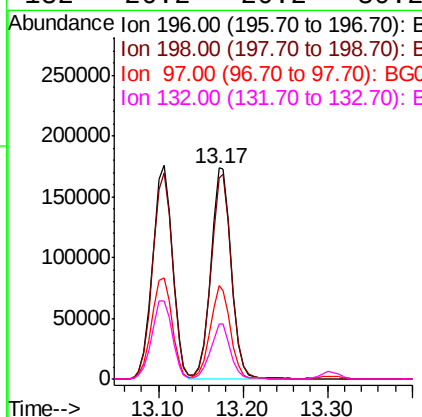
Instrument :  
 BNA\_G  
 ClientSampled :

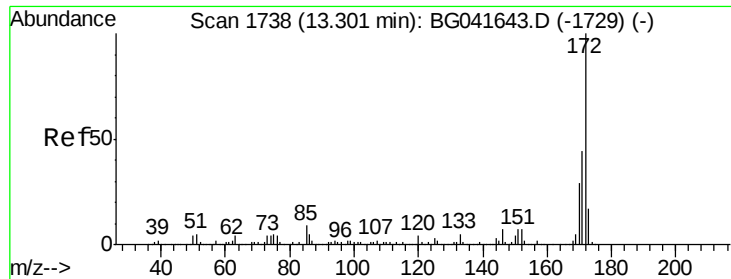
| Tot Ion   | 196 | 198   | 200  | Resp  | 281210 |
|-----------|-----|-------|------|-------|--------|
| Ion Ratio | 100 | 96.2  | 31.6 | Lower | Upper  |
|           |     | 79.6  | 25.2 |       |        |
|           |     | 119.4 | 37.8 |       |        |



#44  
 2,4,5-Trichlorophenol  
 Concen: 52.015 ng  
 RT: 13.17 min Scan# 1716  
 Delta R.T. -0.01 min  
 Lab File: BG041644.D  
 Acq: 15 Jul 2019 10:26

| Tgt Ion   | 196 | 198   | 97   | 132  | Resp  | 295627 |
|-----------|-----|-------|------|------|-------|--------|
| Ion Ratio | 100 | 95.2  | 44.6 | 26.2 | Lower | Upper  |
|           |     | 80.6  | 33.9 | 20.2 |       |        |
|           |     | 121.0 | 50.9 | 30.2 |       |        |

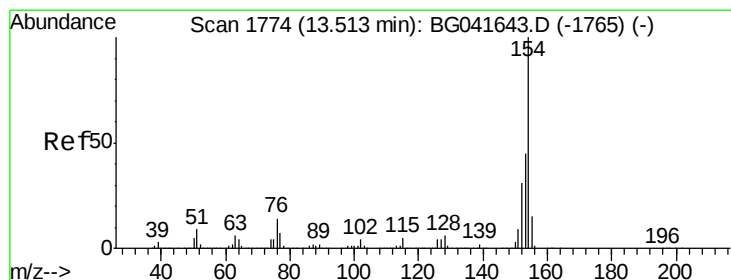
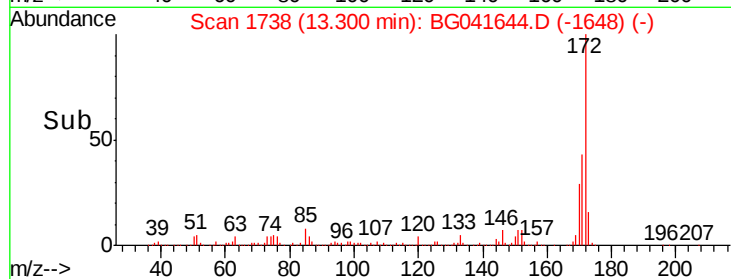
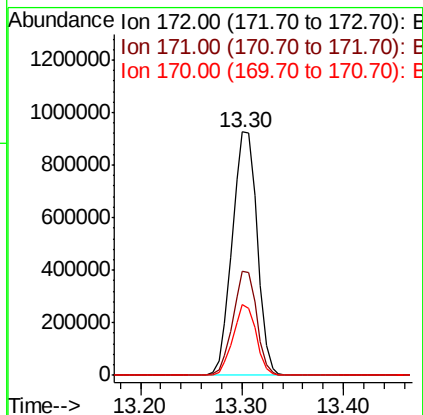
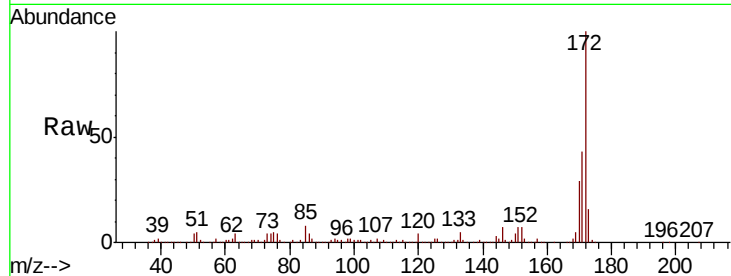




#45  
2-Fluorobiphenyl  
Concen: 99.304 ng  
RT: 13.30 min Scan# 1738  
Delta R.T. -0.00 min  
Lab File: BG041644.D  
Acq: 15 Jul 2019 10:26

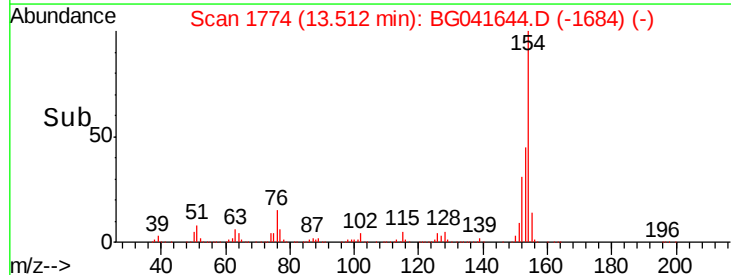
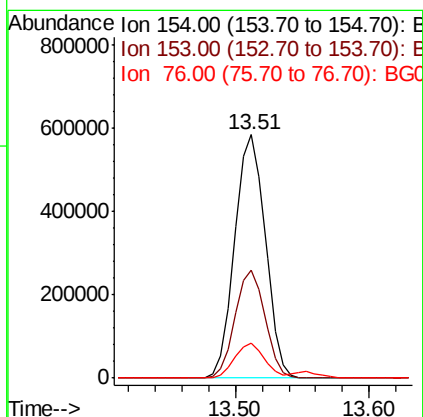
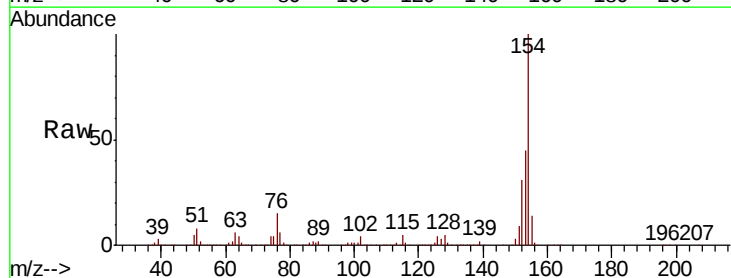
Instrument :  
BNA\_G  
ClientSampleId :

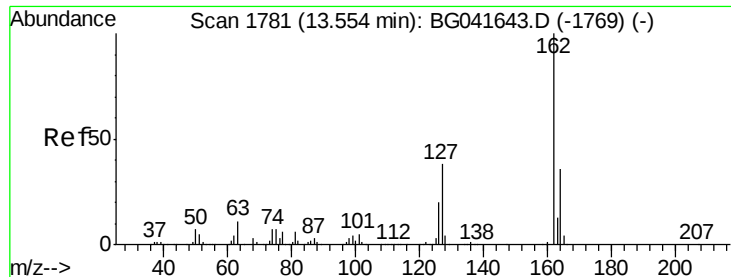
Tot Ion:172 Resp: 1580234  
Ion Ratio Lower Upper  
172 100  
171 42.5 35.0 52.4  
170 28.9 23.5 35.3



#46  
1,1'-Biphenyl  
Concen: 50.149 ng  
RT: 13.51 min Scan# 1774  
Delta R.T. -0.00 min  
Lab File: BG041644.D  
Acq: 15 Jul 2019 10:26

Tgt Ion:154 Resp: 927079  
Ion Ratio Lower Upper  
154 100  
153 44.5 25.0 65.0  
76 14.5 0.0 34.5

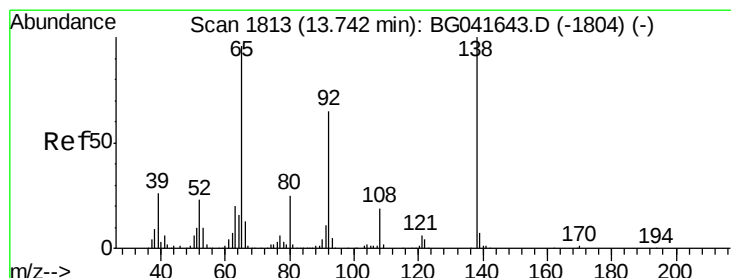
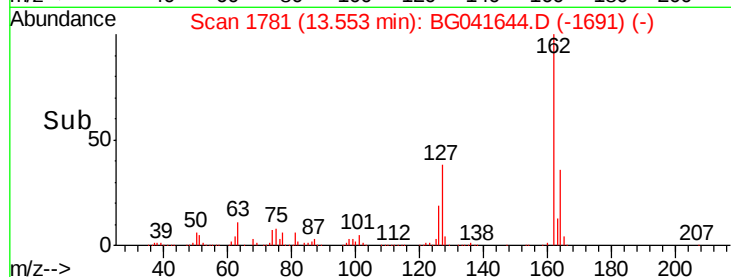
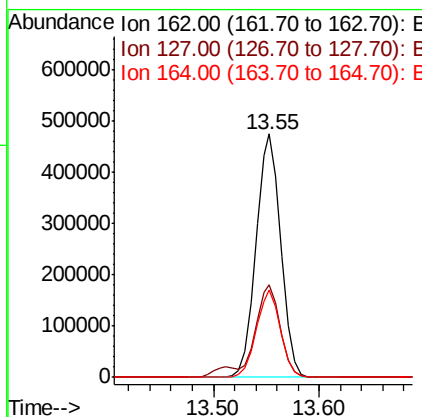
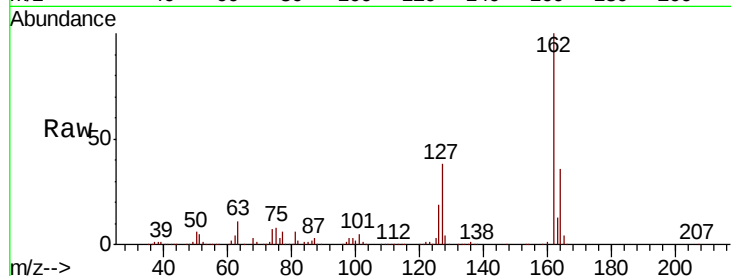




#47  
 2-Chloronaphthalene  
 Concen: 50.261 ng  
 RT: 13.55 min Scan# 1781  
 Delta R.T. -0.00 min  
 Lab File: BG041644.D  
 Acq: 15 Jul 2019 10:26

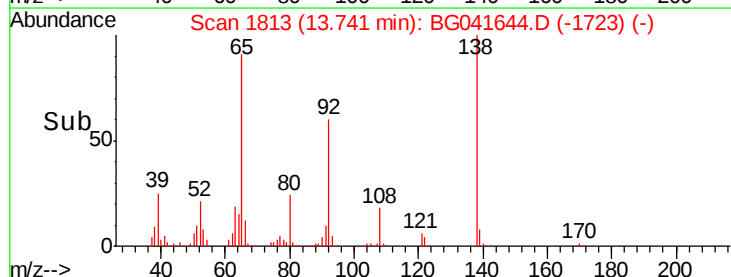
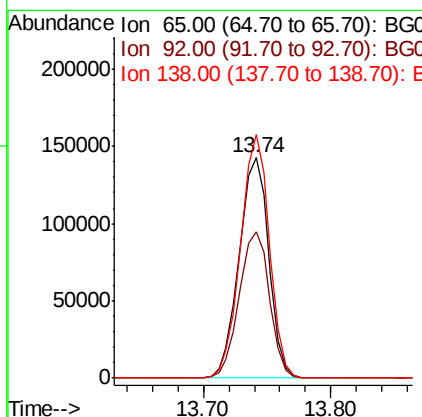
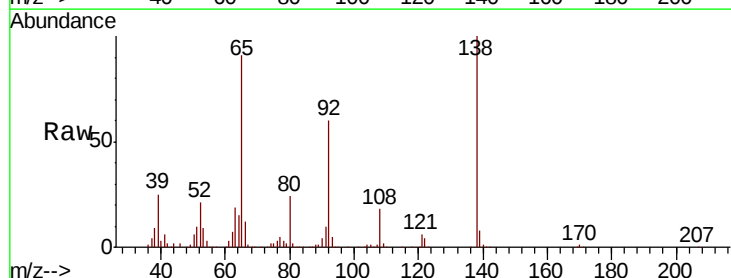
Instrument :  
 BNA\_G  
 ClientSampleId :

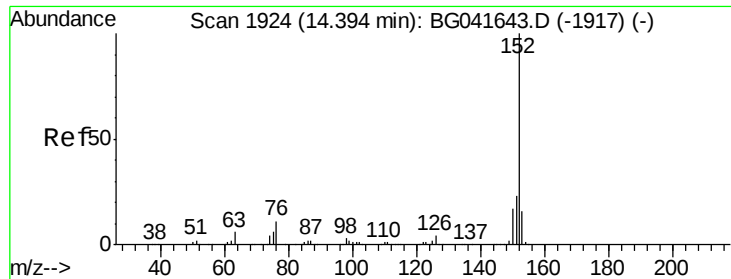
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 37.8  | 30.4  | 45.6  |
| 164     | 35.7  | 28.6  | 42.8  |



#48  
 2-Nitroaniline  
 Concen: 54.337 ng  
 RT: 13.74 min Scan# 1813  
 Delta R.T. -0.00 min  
 Lab File: BG041644.D  
 Acq: 15 Jul 2019 10:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 66.3  | 53.9  | 80.9  |
| 138     | 110.5 | 83.5  | 125.3 |





#49

Acenaphthylene

Concen: 51.362 ng

RT: 14.39 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BG041644.D

Acq: 15 Jul 2019 10:26

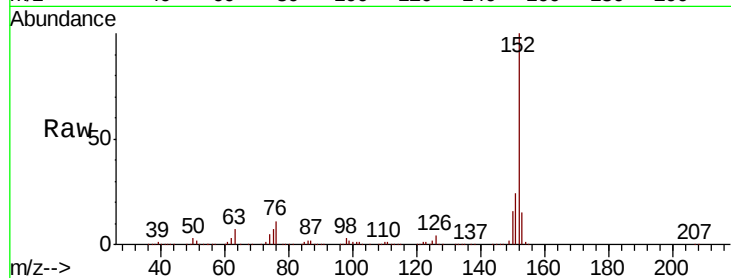
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:152 Resp: 1204305

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 23.5  | 18.7  | 28.1  |
| 153 | 14.9  | 12.4  | 18.6  |

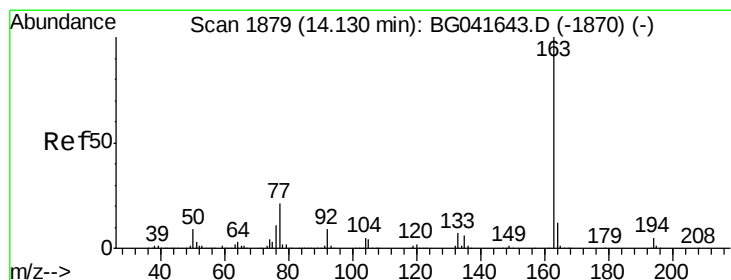
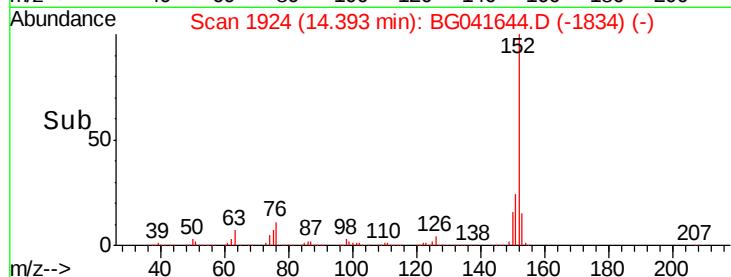
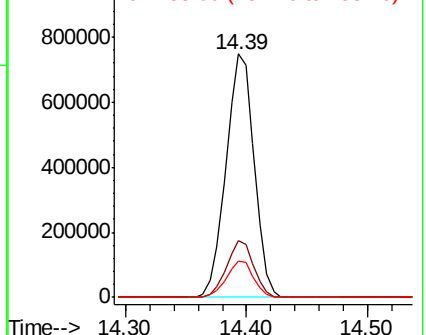


Abundance

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: 49.723 ng

RT: 14.13 min Scan# 1879

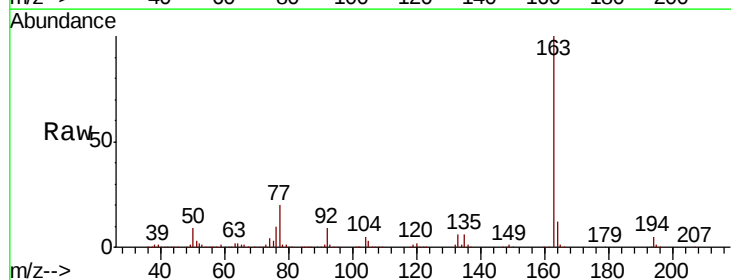
Delta R.T. -0.00 min

Lab File: BG041644.D

Acq: 15 Jul 2019 10:26

Tgt Ion:163 Resp: 974695

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 5.1   | 4.2   | 6.2   |
| 164 | 11.7  | 9.4   | 14.2  |

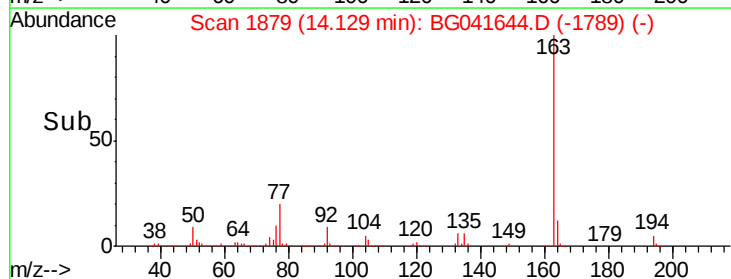
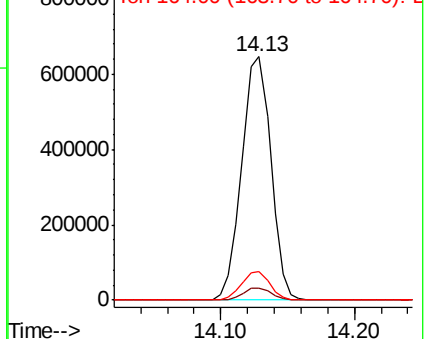


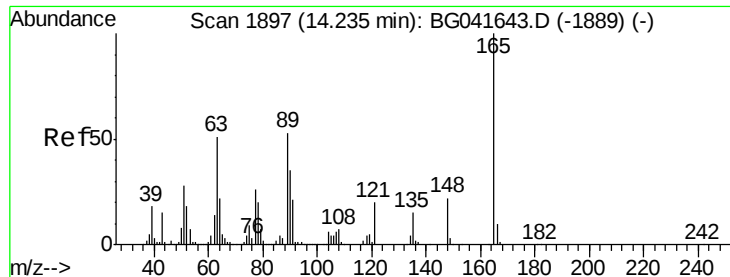
Abundance

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

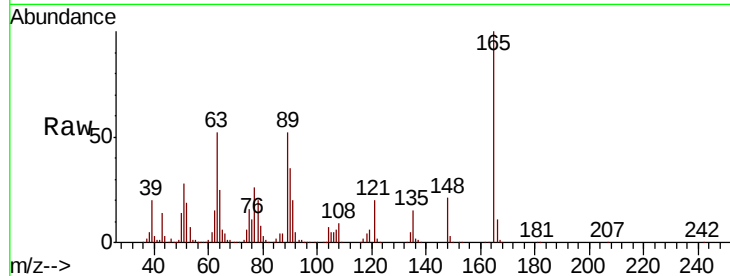




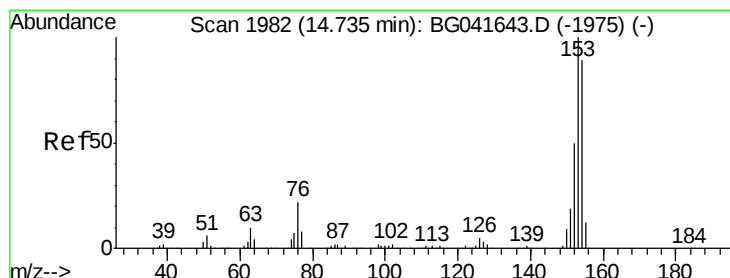
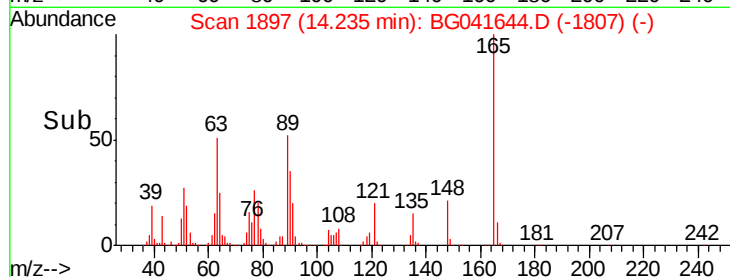
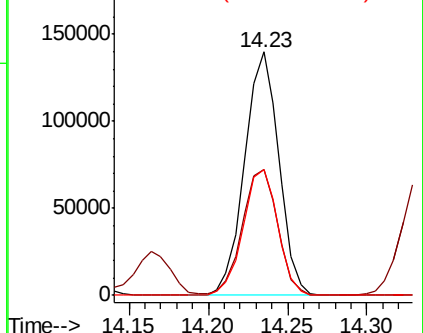
#51  
2,6-Dinitrotoluene  
Concen: 53.705 ng  
RT: 14.23 min Scan# 1897  
Delta R.T. -0.00 min  
Lab File: BG041644.D  
Acq: 15 Jul 2019 10:26

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:165 Resp: 210004  
Ion Ratio Lower Upper  
165 100  
63 51.6 42.4 63.6  
89 51.8 42.1 63.1

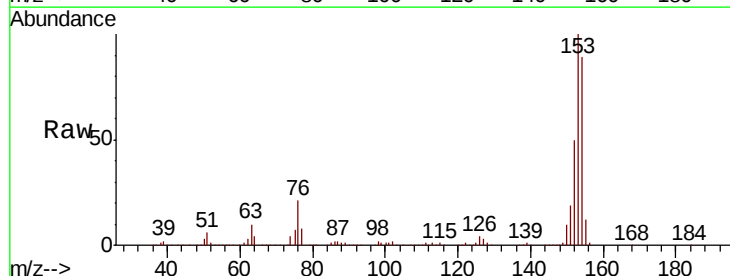


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 89.00 (88.70 to 89.70): BGC

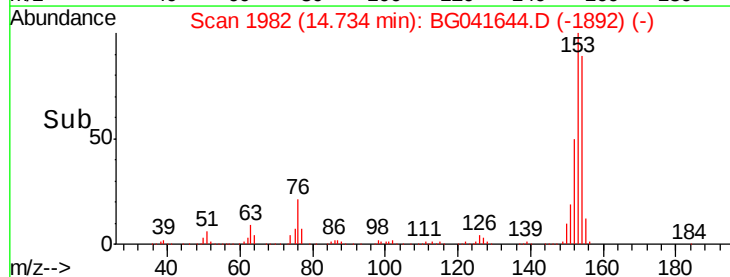
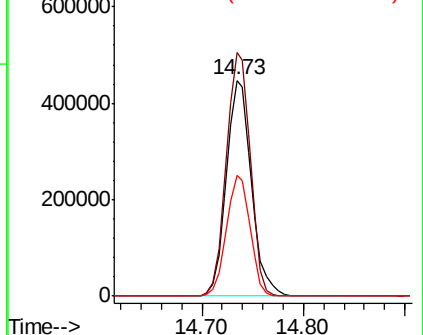


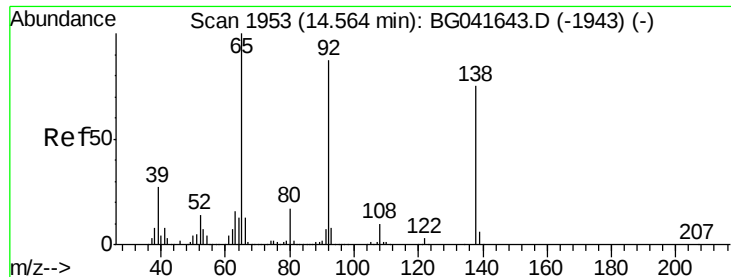
#52  
Acenaphthene  
Concen: 50.737 ng  
RT: 14.73 min Scan# 1982  
Delta R.T. -0.00 min  
Lab File: BG041644.D  
Acq: 15 Jul 2019 10:26

Tgt Ion:154 Resp: 762644  
Ion Ratio Lower Upper  
154 100  
153 113.0 89.8 134.6  
152 56.1 44.9 67.3



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

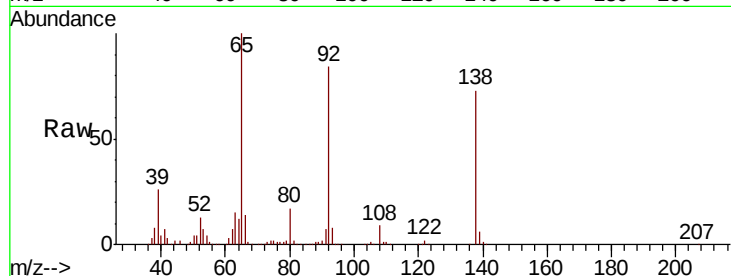




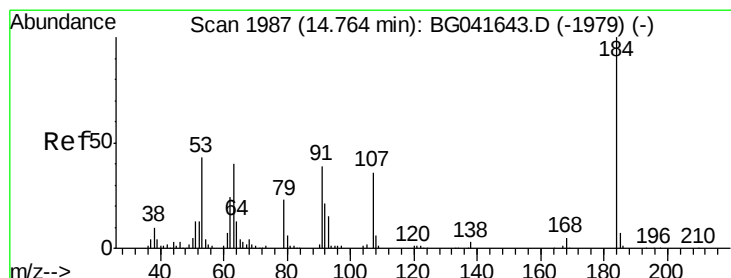
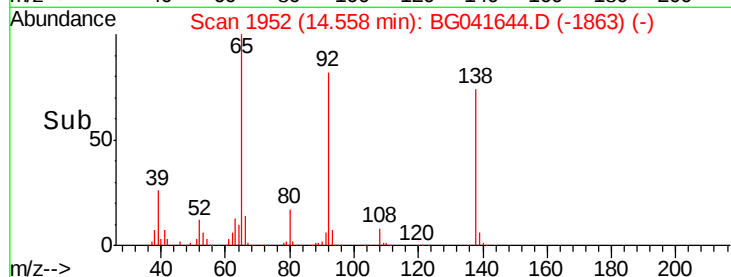
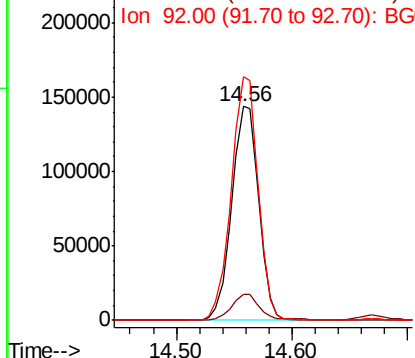
#53  
3-Nitroaniline  
Concen: 53.024 ng  
RT: 14.56 min Scan# 1952  
Delta R.T. -0.01 min  
Lab File: BG041644.D  
Acq: 15 Jul 2019 10:26

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:138 Resp: 232447  
Ion Ratio Lower Upper  
138 100  
108 12.4 10.3 15.5  
92 113.7 93.0 139.4

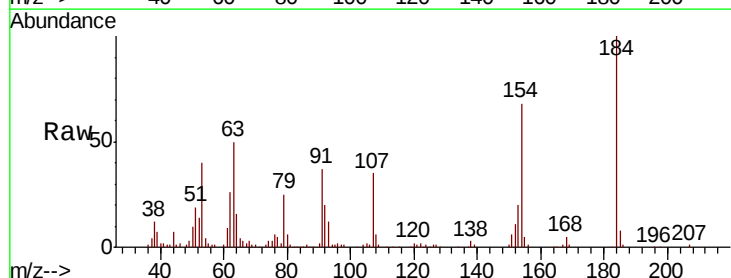


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BGC

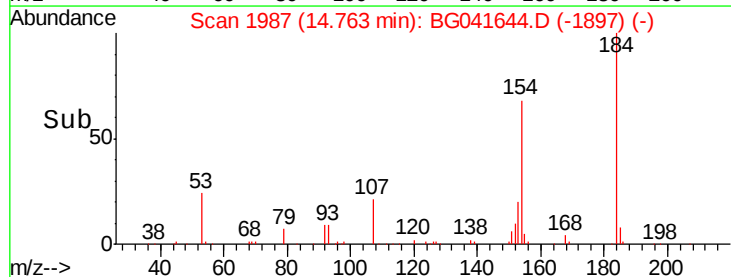
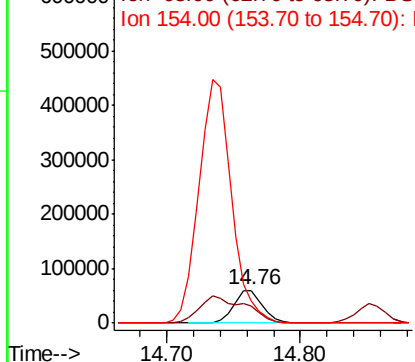


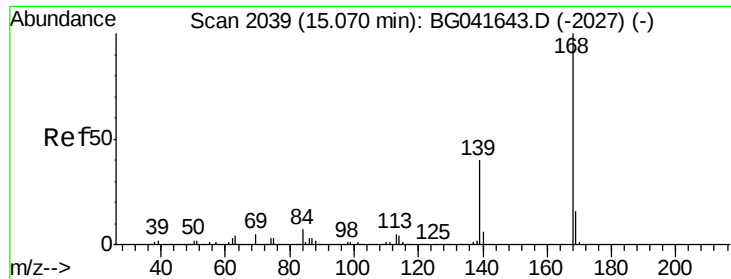
#54  
2,4-Dinitrophenol  
Concen: 50.742 ng  
RT: 14.76 min Scan# 1987  
Delta R.T. -0.00 min  
Lab File: BG041644.D  
Acq: 15 Jul 2019 10:26

Tgt Ion:184 Resp: 89576  
Ion Ratio Lower Upper  
184 100  
63 50.4 43.2 64.8  
154 68.5 51.4 77.2



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

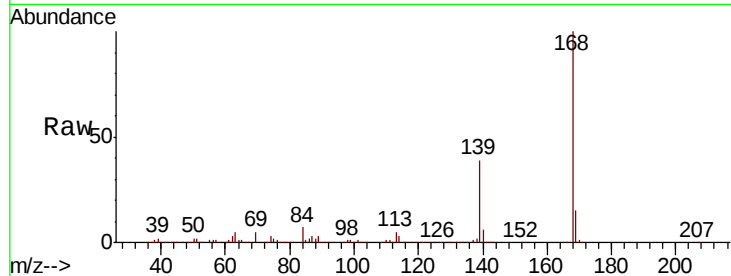




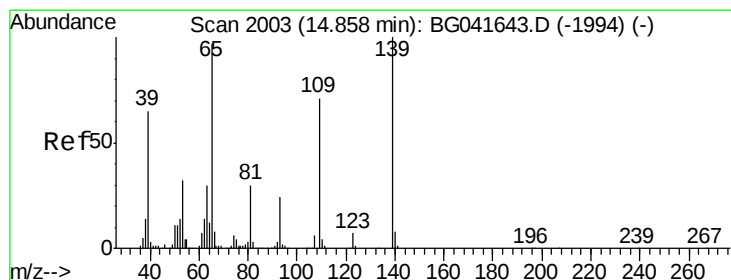
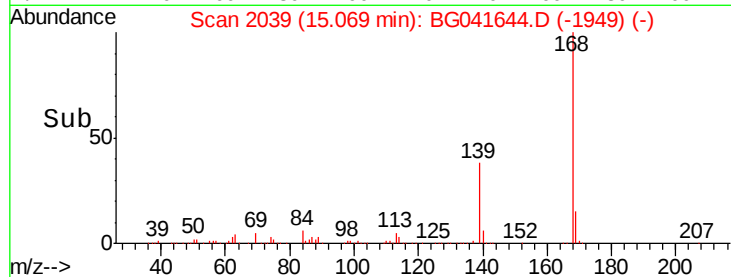
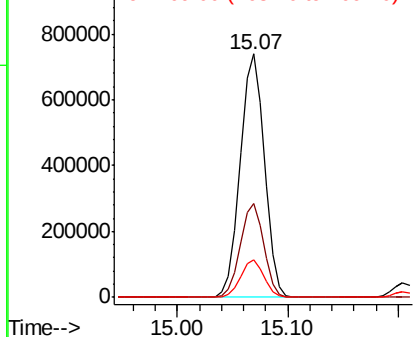
#55  
Dibenzofuran  
Concen: 50.649 ng  
RT: 15.07 min Scan# 2039  
Delta R.T. -0.00 min  
Lab File: BG041644.D  
Acq: 15 Jul 2019 10:26

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:168 Resp: 1140427  
Ion Ratio Lower Upper  
168 100  
139 38.7 31.9 47.9  
169 15.4 12.5 18.7

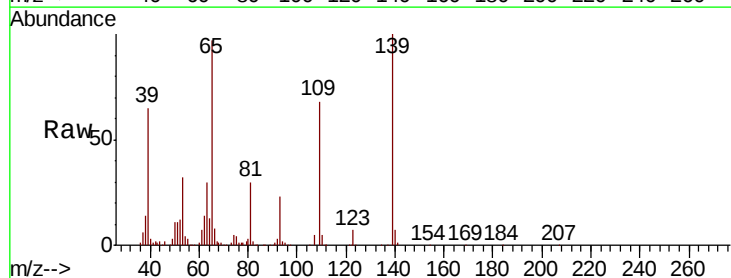


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

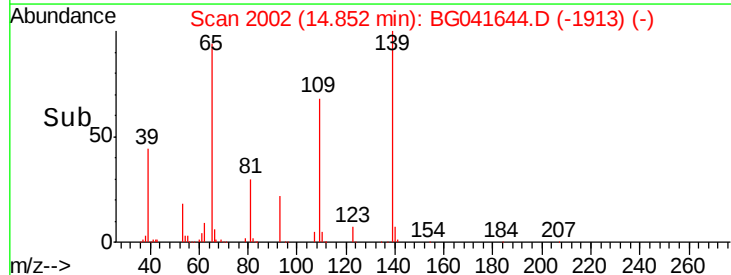
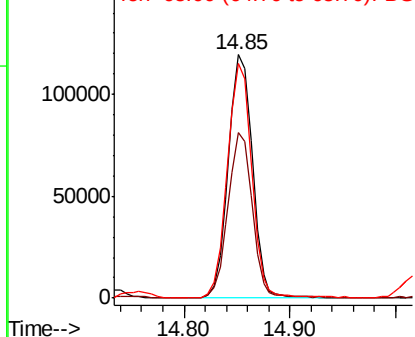


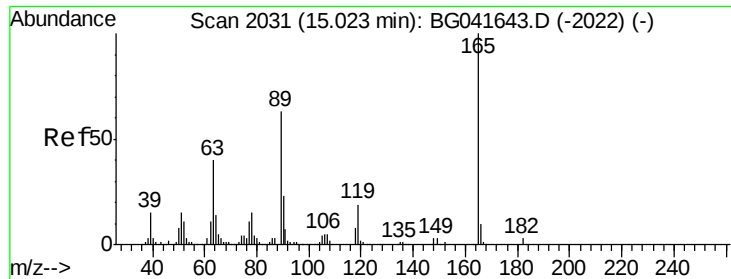
#56  
4-Nitrophenol  
Concen: 54.283 ng  
RT: 14.85 min Scan# 2002  
Delta R.T. -0.01 min  
Lab File: BG041644.D  
Acq: 15 Jul 2019 10:26

Tgt Ion:139 Resp: 189334  
Ion Ratio Lower Upper  
139 100  
109 68.0 51.3 91.3  
65 96.5 77.6 117.6



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

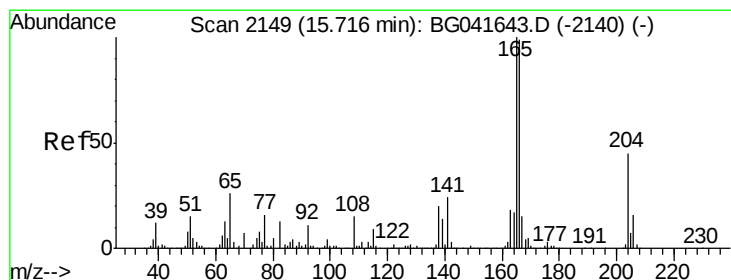
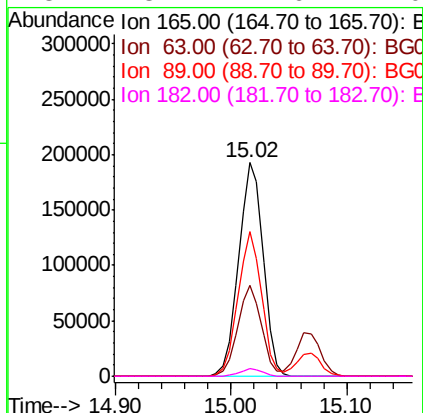
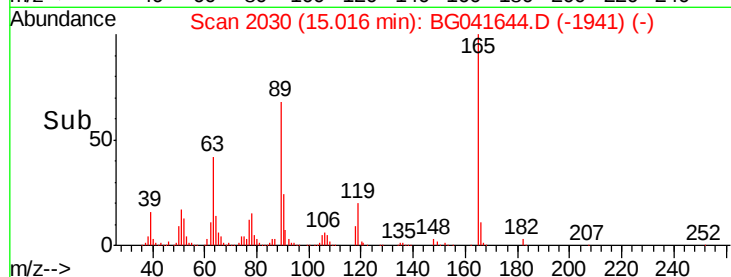
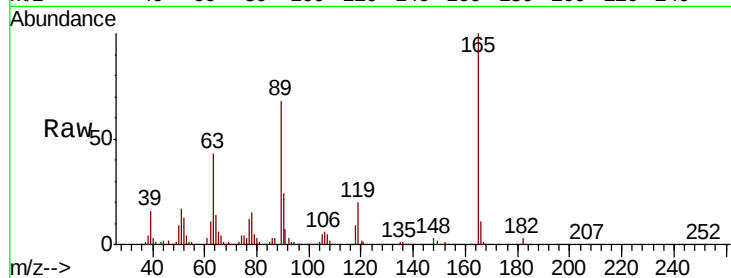




#57  
 2,4-Dinitrotoluene  
 Concen: 54.923 ng  
 RT: 15.02 min Scan# 2030  
 Delta R.T. -0.01 min  
 Lab File: BG041644.D  
 Acq: 15 Jul 2019 10:26

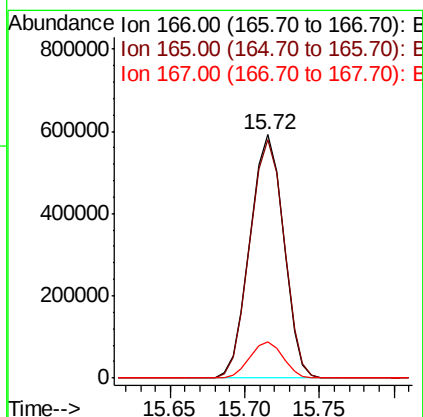
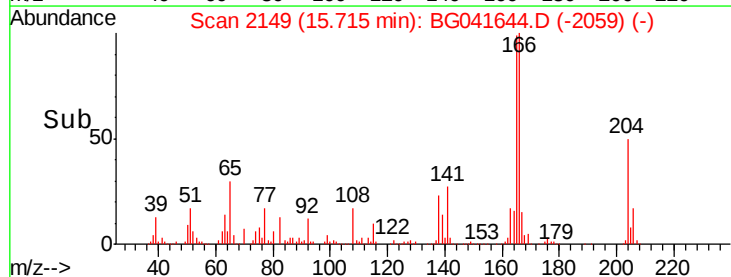
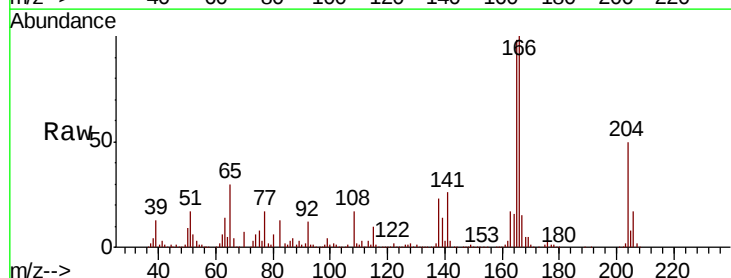
Instrument :  
 BNA\_G  
 ClientSampled :

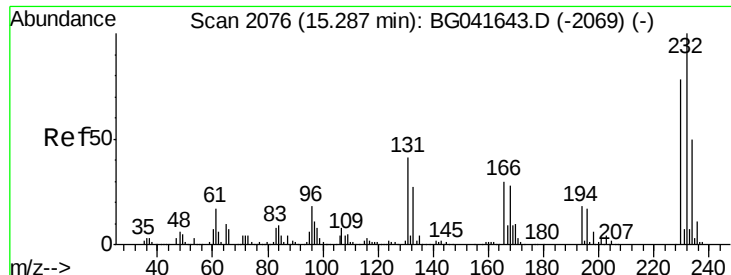
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 42.6  | 31.7  | 47.5  |
| 89      | 67.7  | 50.2  | 75.4  |
| 182     | 3.4   | 2.6   | 4.0   |



#58  
 Fluorene  
 Concen: 50.752 ng  
 RT: 15.72 min Scan# 2149  
 Delta R.T. -0.00 min  
 Lab File: BG041644.D  
 Acq: 15 Jul 2019 10:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.1  | 80.5  | 120.7 |
| 167     | 15.1  | 12.4  | 18.6  |

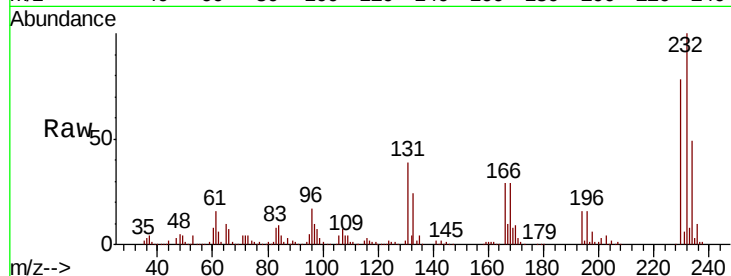




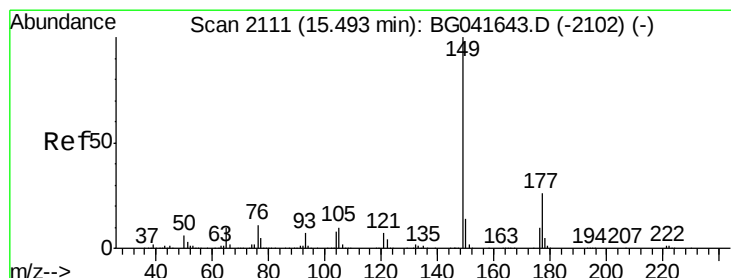
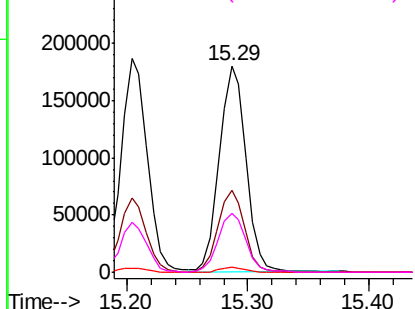
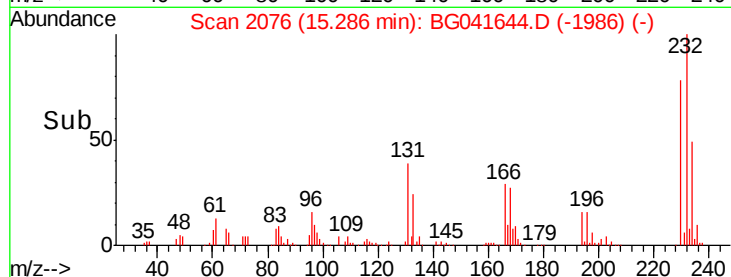
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 51.342 ng  
 RT: 15.29 min Scan# 2076  
 Delta R.T. -0.00 min  
 Lab File: BG041644.D  
 Acq: 15 Jul 2019 10:26

Instrument :  
 BNA\_G  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 274751 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 39.0  | 31.8  | 47.6   |
| 130      | 2.1   | 1.8   | 2.8    |
| 166      | 29.6  | 23.5  | 35.3   |

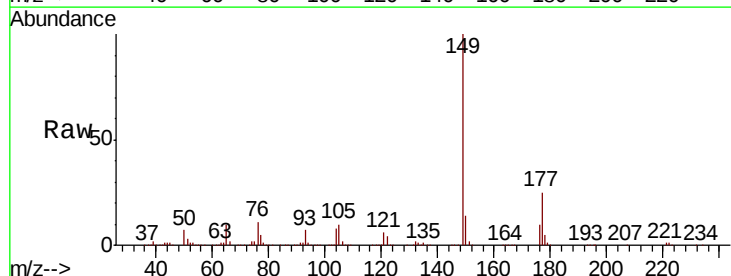


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

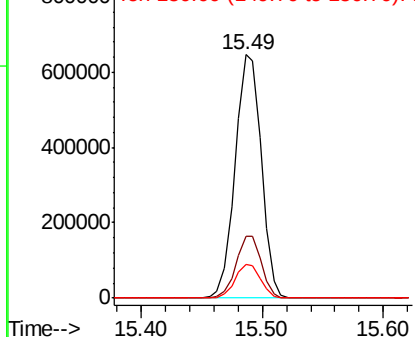
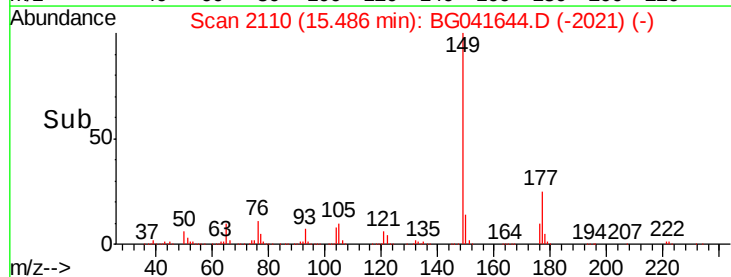


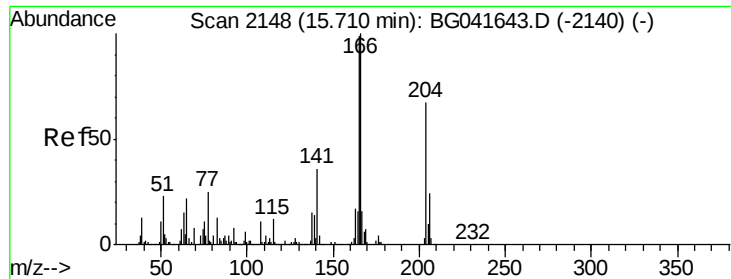
#60  
 Diethylphthalate  
 Concen: 49.277 ng  
 RT: 15.49 min Scan# 2110  
 Delta R.T. -0.01 min  
 Lab File: BG041644.D  
 Acq: 15 Jul 2019 10:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 976622 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 25.2  | 20.7  | 31.1   |
| 150      | 14.1  | 11.5  | 17.3   |



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

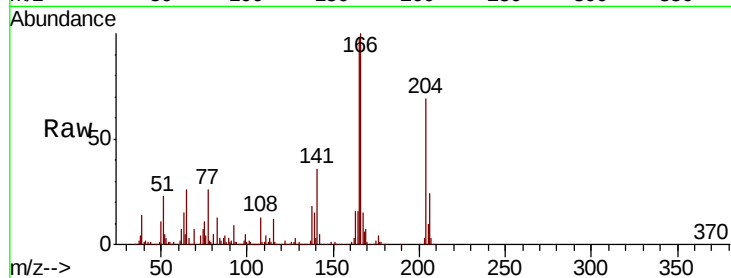




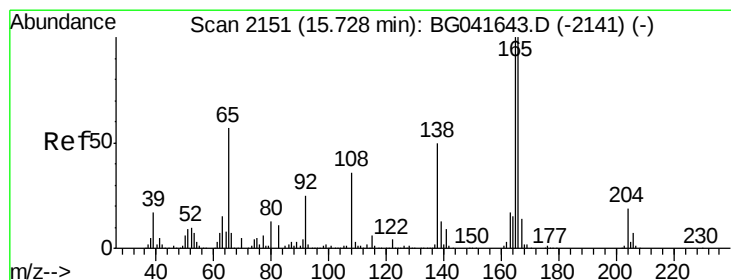
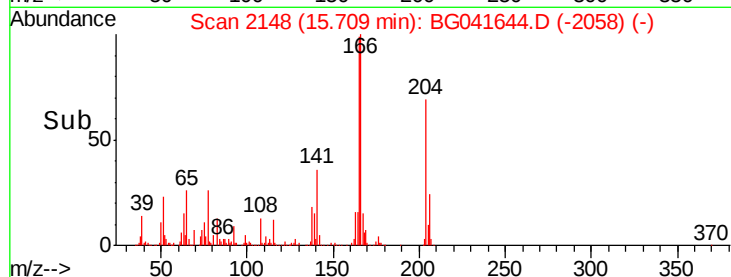
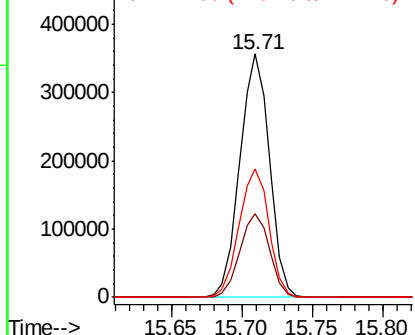
#61  
 4-Chlorophenyl-phenylether  
 Concen: 49.816 ng  
 RT: 15.71 min Scan# 2148  
 Delta R.T. -0.00 min  
 Lab File: BG041644.D  
 Acq: 15 Jul 2019 10:26

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 34.3  | 28.6  | 42.8  |
| 141     | 52.5  | 42.9  | 64.3  |

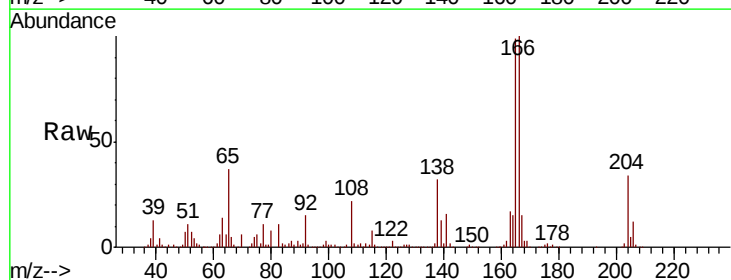


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

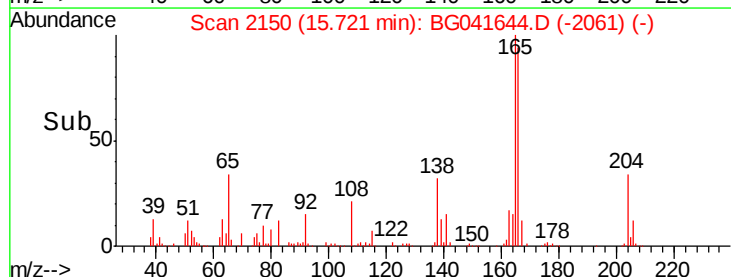
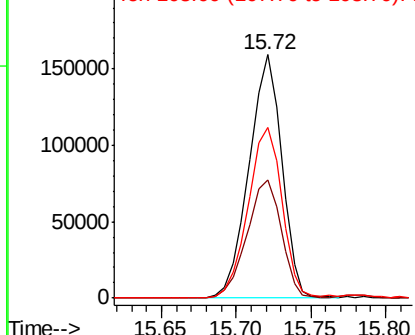


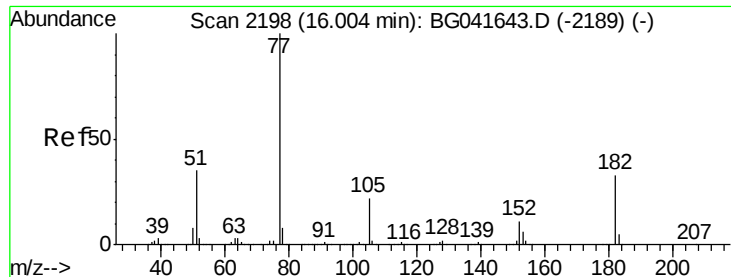
#62  
 4-Nitroaniline  
 Concen: 52.007 ng  
 RT: 15.72 min Scan# 2150  
 Delta R.T. -0.01 min  
 Lab File: BG041644.D  
 Acq: 15 Jul 2019 10:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 48.6  | 29.8  | 69.8  |
| 108     | 70.3  | 52.2  | 92.2  |



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

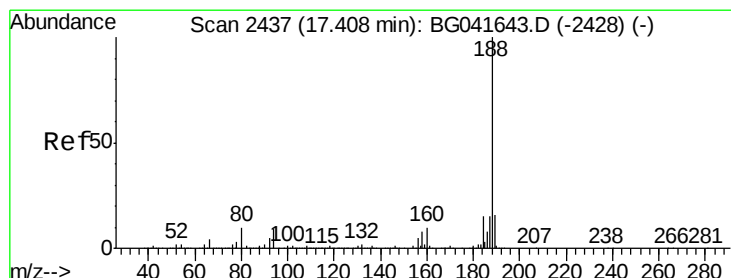
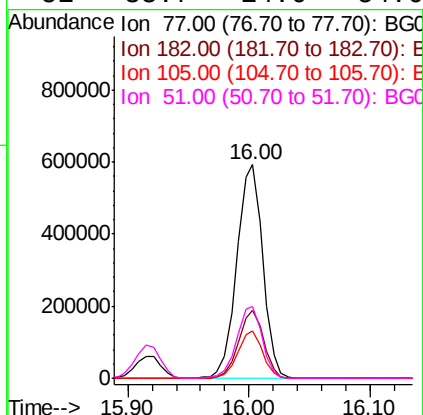
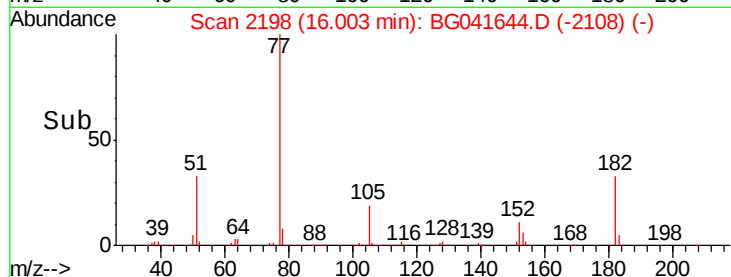
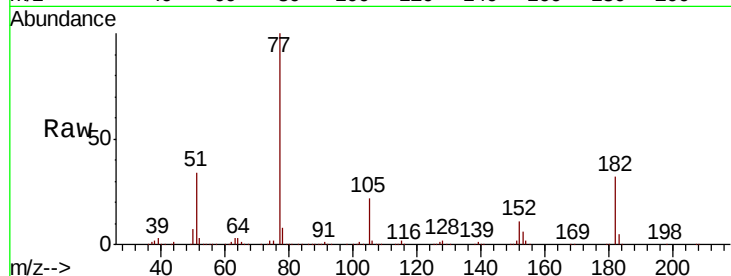




#63  
Azobenzene  
Concen: 50.762 ng  
RT: 16.00 min Scan# 2198  
Delta R.T. -0.00 min  
Lab File: BG041644.D  
Acq: 15 Jul 2019 10:26

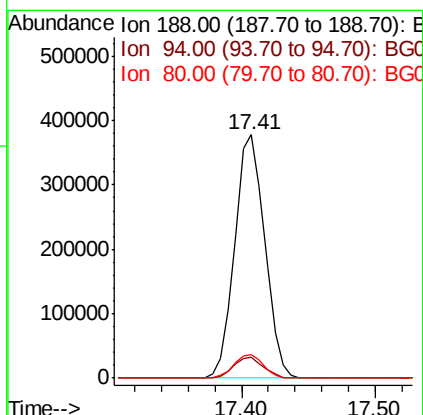
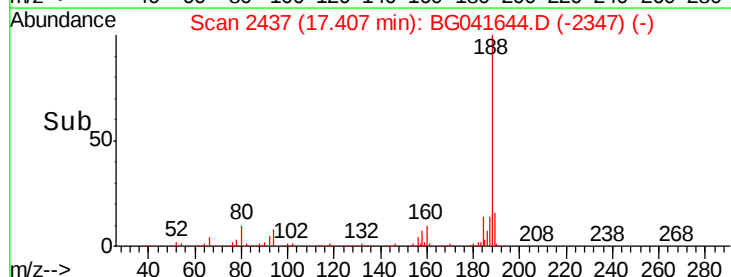
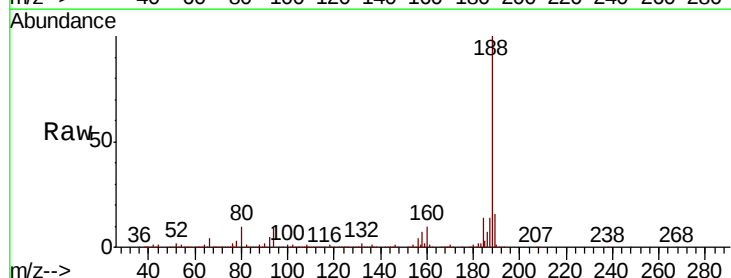
Instrument :  
BNA\_G  
ClientSampleId :

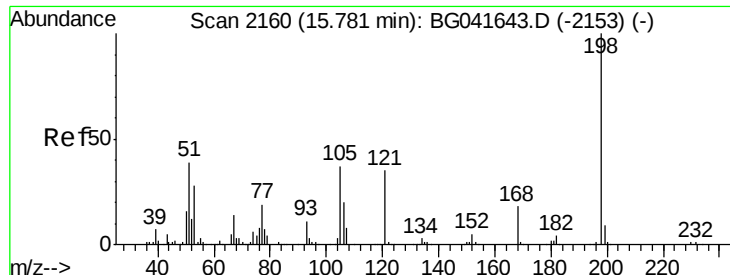
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 31.9  | 13.2  | 53.2  |
| 105     | 22.3  | 2.2   | 42.2  |
| 51      | 33.7  | 14.6  | 54.6  |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.41 min Scan# 2437  
Delta R.T. -0.00 min  
Lab File: BG041644.D  
Acq: 15 Jul 2019 10:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 8.5   | 6.9   | 10.3  |
| 80      | 9.8   | 8.0   | 12.0  |





#65

4,6-Dinitro-2-methylphenol

Concen: 50.884 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG041644.D

Acq: 15 Jul 2019 10:26

Instrument :

BNA\_G

ClientSampleId :

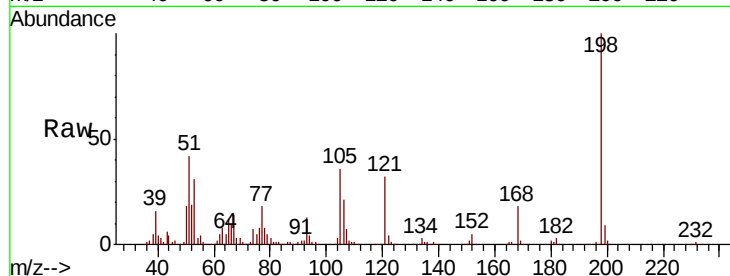
Tot Ion:198 Resp: 129817

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 198 | 100   |       |       |
| 51  | 42.4  | 22.3  | 62.3  |
| 105 | 35.6  | 18.0  | 58.0  |

198 100

51 42.4 22.3 62.3

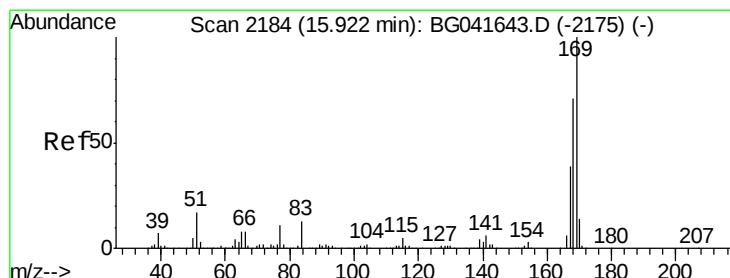
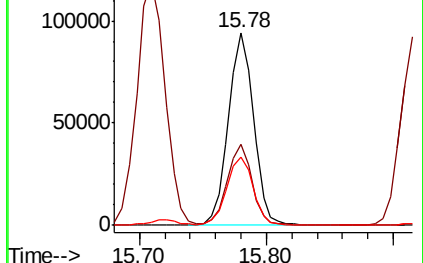
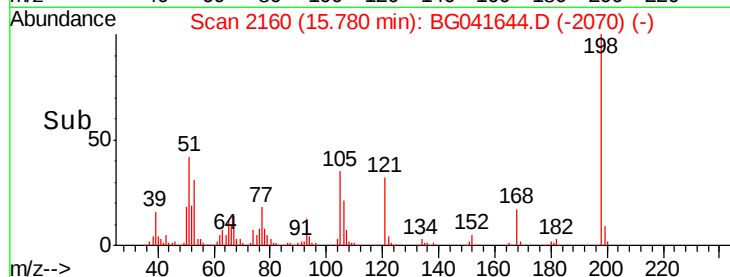
105 35.6 18.0 58.0



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: 47.594 ng

RT: 15.92 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG041644.D

Acq: 15 Jul 2019 10:26

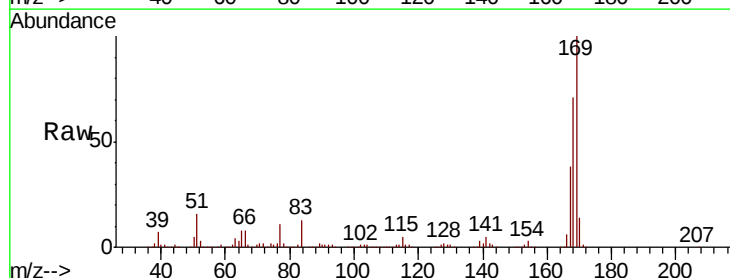
Tgt Ion:169 Resp: 846676

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 70.9  | 56.9  | 85.3  |
| 167 | 37.9  | 31.5  | 47.3  |

169 100

168 70.9 56.9 85.3

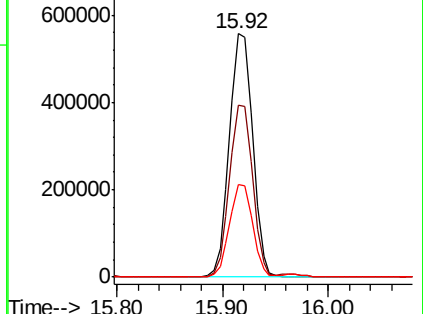
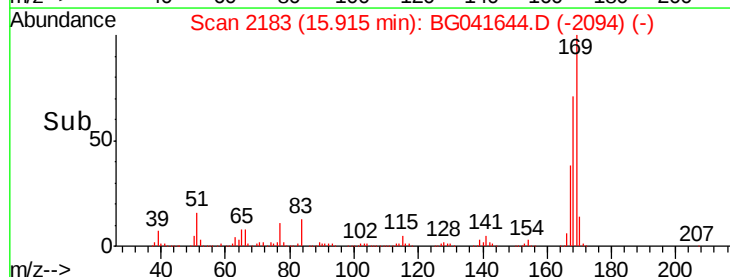
167 37.9 31.5 47.3

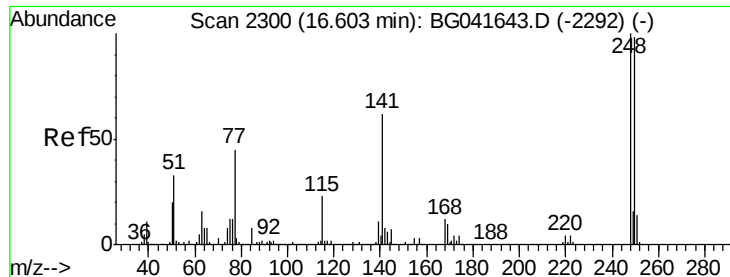


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

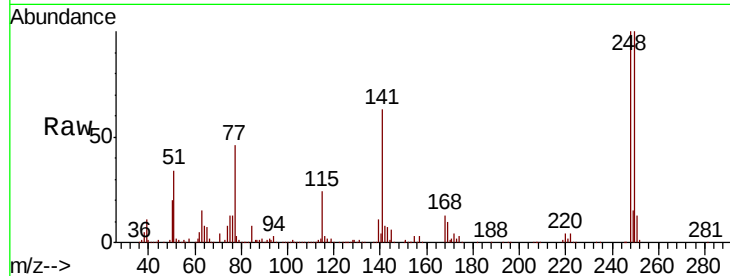




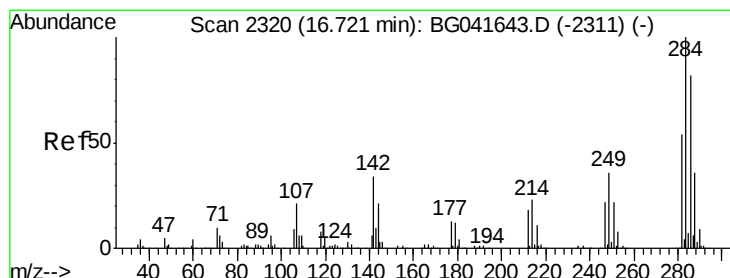
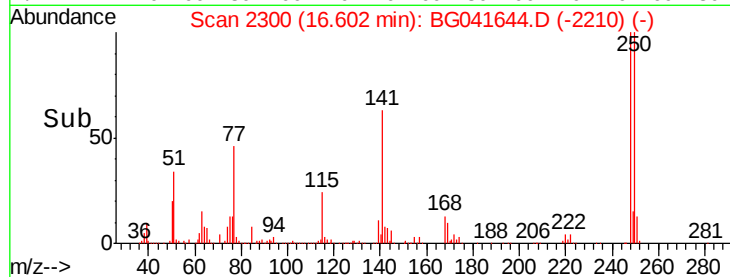
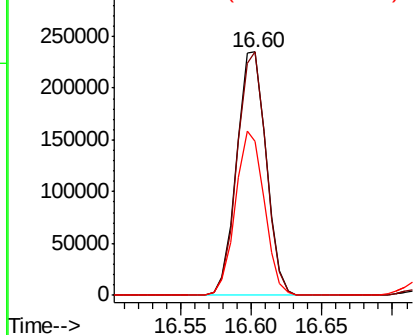
#67  
 4-Bromophenyl-phenylether  
 Concen: 47.161 ng  
 RT: 16.60 min Scan# 2300  
 Delta R.T. -0.00 min  
 Lab File: BG041644.D  
 Acq: 15 Jul 2019 10:26

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:248 Resp: 342626  
 Ion Ratio Lower Upper  
 248 100  
 250 99.9 78.1 117.1  
 141 63.2 49.6 74.4

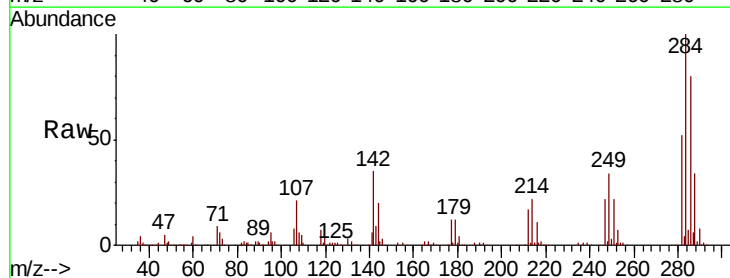


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

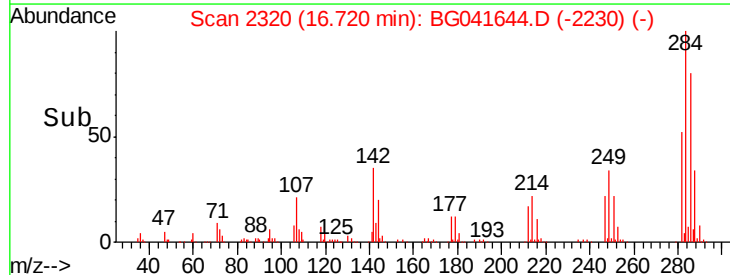
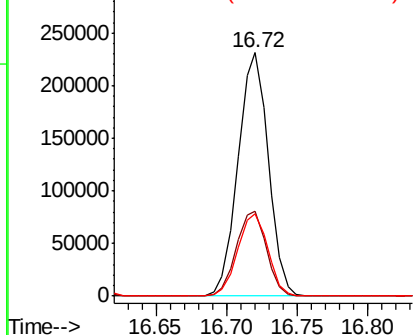


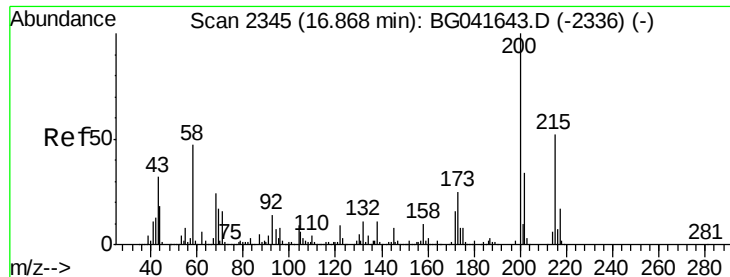
#68  
 Hexachlorobenzene  
 Concen: 47.099 ng  
 RT: 16.72 min Scan# 2320  
 Delta R.T. -0.00 min  
 Lab File: BG041644.D  
 Acq: 15 Jul 2019 10:26

Tgt Ion:284 Resp: 346094  
 Ion Ratio Lower Upper  
 284 100  
 142 34.7 27.0 40.6  
 249 34.1 28.4 42.6



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

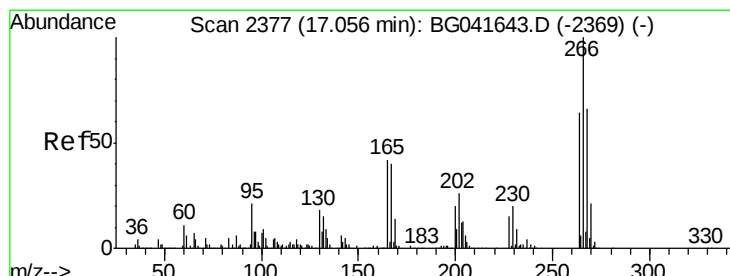
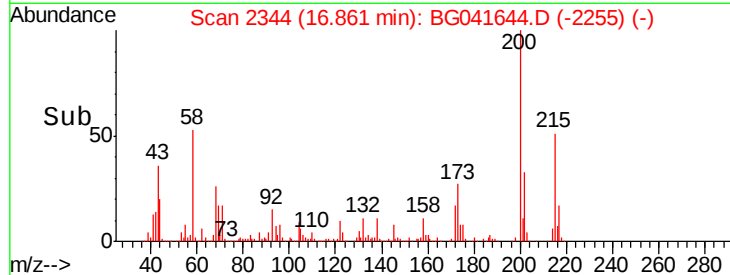
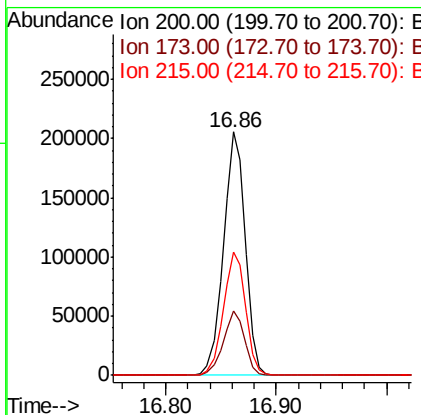
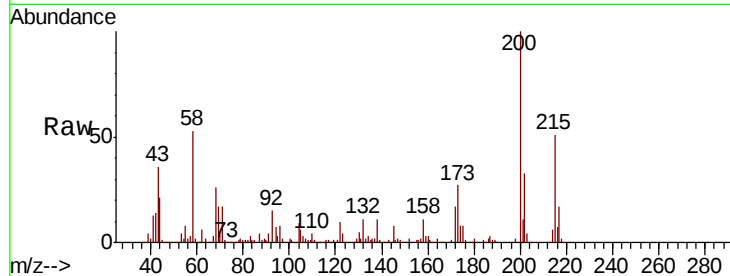




#69  
 Atrazine  
 Concen: 53.186 ng  
 RT: 16.86 min Scan# 2344  
 Delta R.T. -0.01 min  
 Lab File: BG041644.D  
 Acq: 15 Jul 2019 10:26

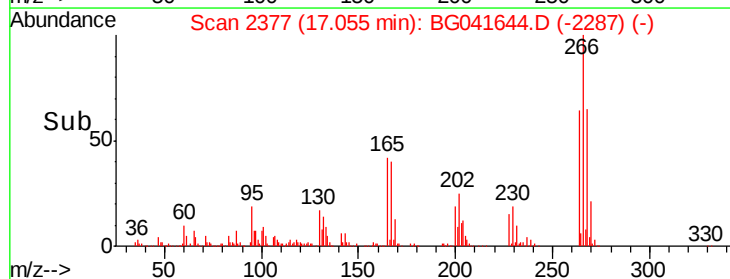
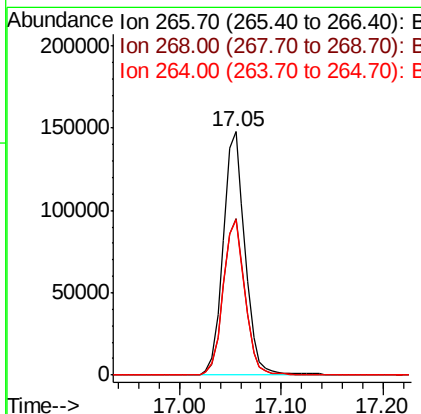
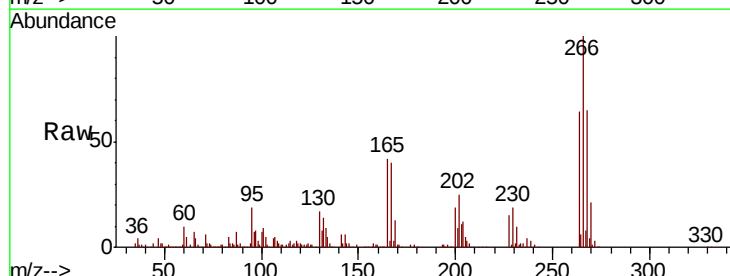
Instrument :  
 BNA\_G  
 ClientSampleId :

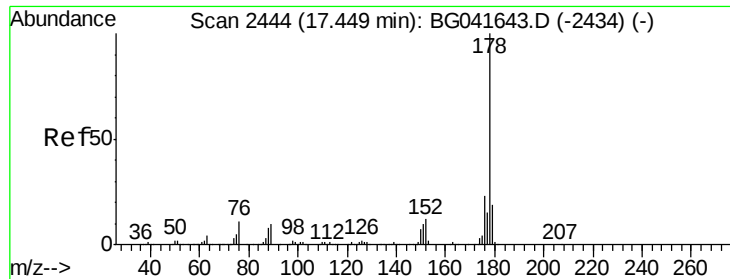
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 200   | Resp: | 283056 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 26.6  | 5.3   | 45.3   |
| 215       | 50.8  | 31.8  | 71.8   |



#70  
 Pentachlorophenol  
 Concen: 48.402 ng  
 RT: 17.05 min Scan# 2377  
 Delta R.T. -0.00 min  
 Lab File: BG041644.D  
 Acq: 15 Jul 2019 10:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 266   | Resp: | 220896 |
| Ion Ratio | Lower | Upper |        |
| 266       | 100   |       |        |
| 268       | 64.5  | 52.9  | 79.3   |
| 264       | 63.9  | 51.4  | 77.2   |

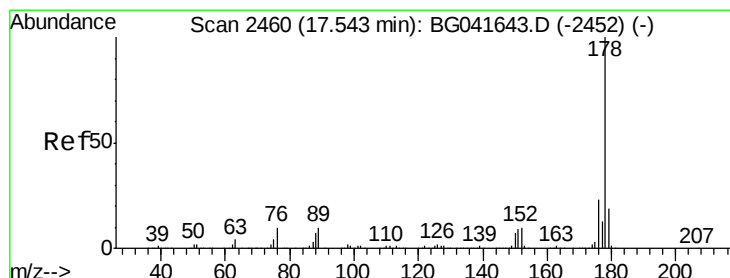
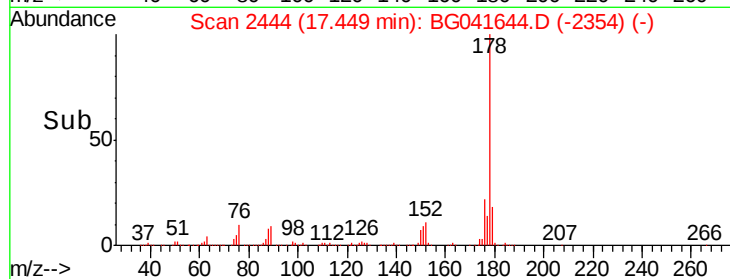
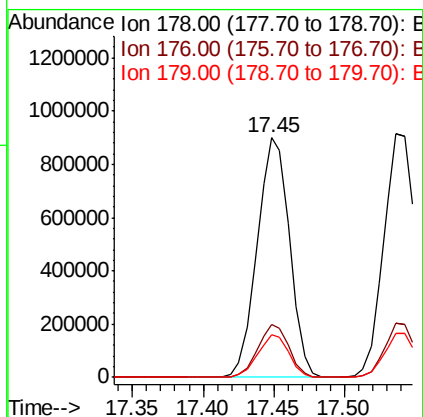
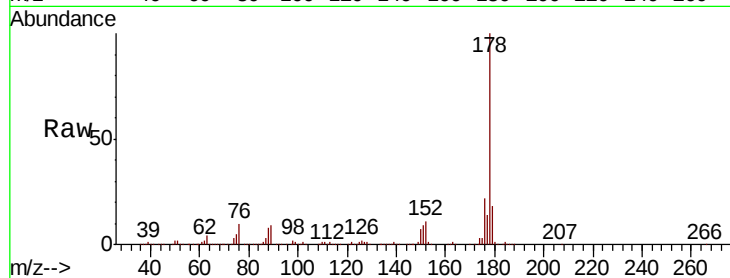




#71  
 Phenanthrene  
 Concen: 47.178 ng  
 RT: 17.45 min Scan# 2444  
 Delta R.T. -0.00 min  
 Lab File: BG041644.D  
 Acq: 15 Jul 2019 10:26

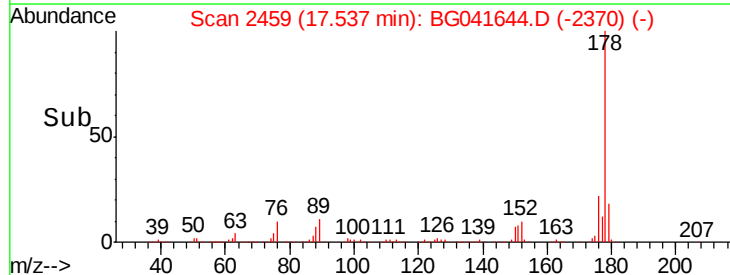
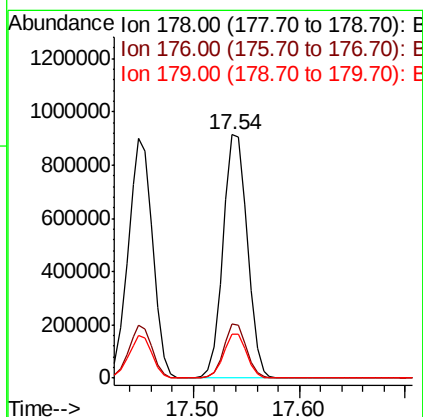
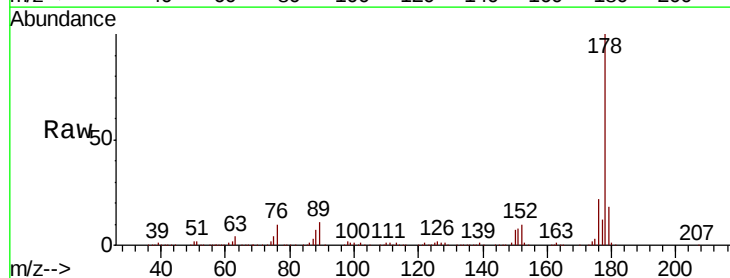
Instrument :  
 BNA\_G  
 ClientSampleId :

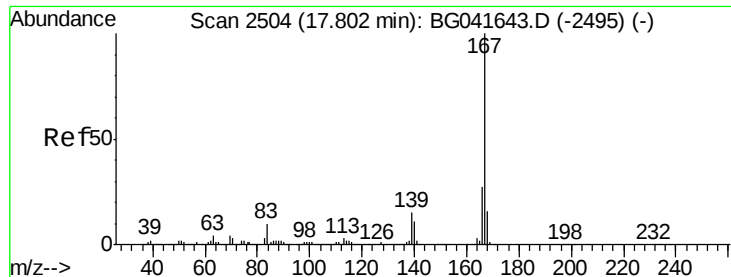
Tot Ion:178 Resp: 1448912  
 Ion Ratio Lower Upper  
 178 100  
 176 22.2 18.6 28.0  
 179 18.1 15.4 23.0



#72  
 Anthracene  
 Concen: 45.267 ng  
 RT: 17.54 min Scan# 2459  
 Delta R.T. -0.01 min  
 Lab File: BG041644.D  
 Acq: 15 Jul 2019 10:26

Tgt Ion:178 Resp: 1453976  
 Ion Ratio Lower Upper  
 178 100  
 176 22.0 18.6 28.0  
 179 18.2 15.1 22.7





#73

Carbazole

Concen: 45.220 ng

RT: 17.80 min Scan# 2504

Delta R.T. -0.00 min

Lab File: BG041644.D

Acq: 15 Jul 2019 10:26

Instrument :

BNA\_G

ClientSampleId :

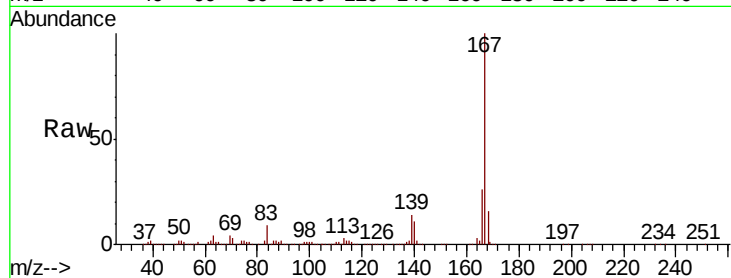
Tot Ion:167 Resp: 1338933

Ion Ratio Lower Upper

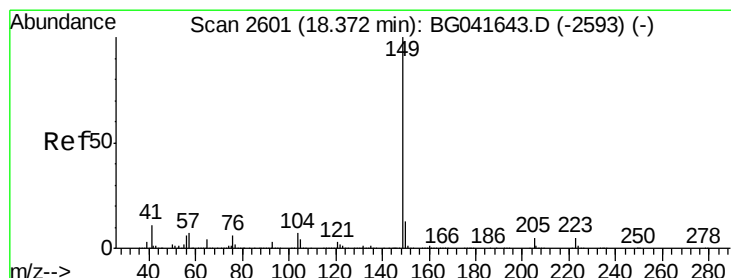
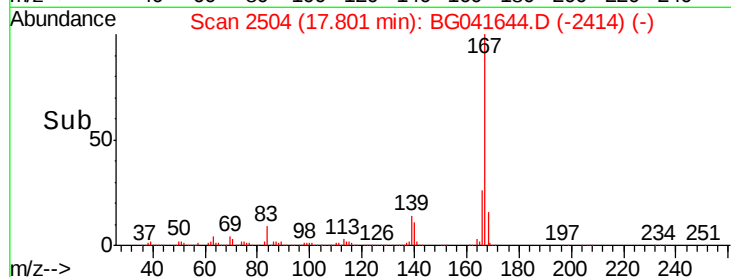
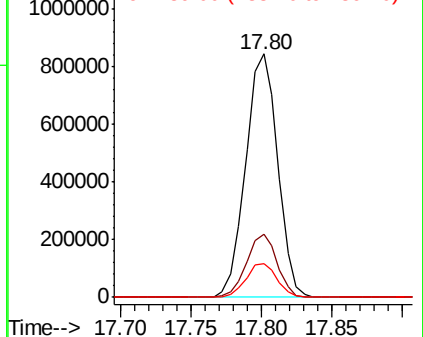
167 100

166 26.2 21.4 32.2

139 14.1 12.1 18.1



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: 44.099 ng

RT: 18.37 min Scan# 2601

Delta R.T. -0.00 min

Lab File: BG041644.D

Acq: 15 Jul 2019 10:26

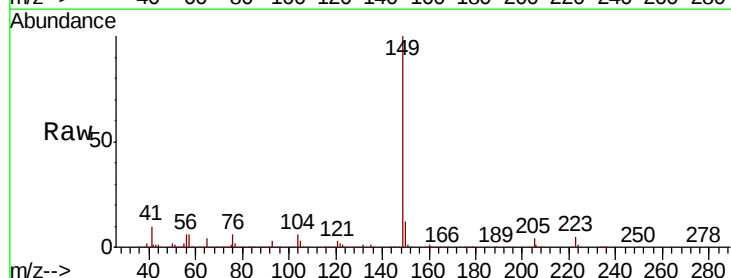
Tgt Ion:149 Resp: 1601865

Ion Ratio Lower Upper

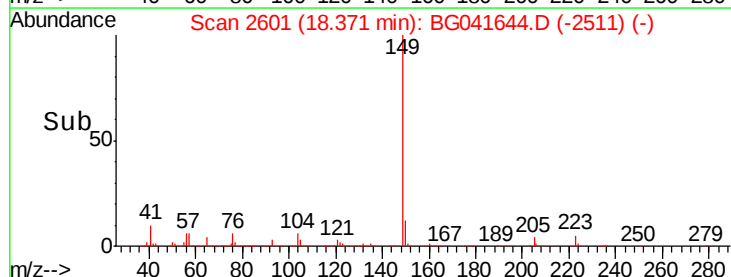
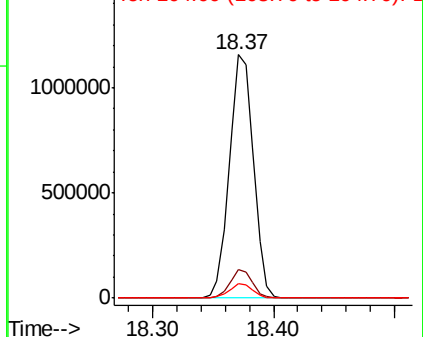
149 100

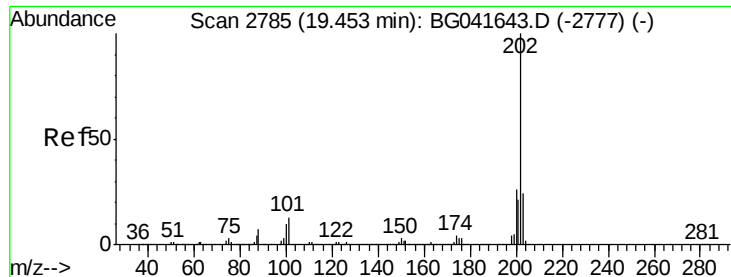
150 11.6 10.2 15.2

104 6.1 5.3 7.9



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 46.851 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG041644.D

Acq: 15 Jul 2019 10:26

Instrument :

BNA\_G

ClientSampleId :

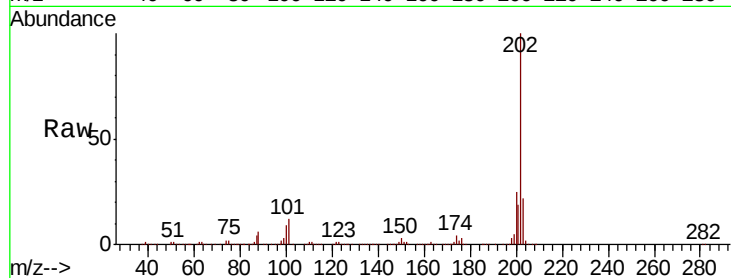
Tot Ion:202 Resp: 1732402

Ion Ratio Lower Upper

202 100

101 11.5 0.0 32.8

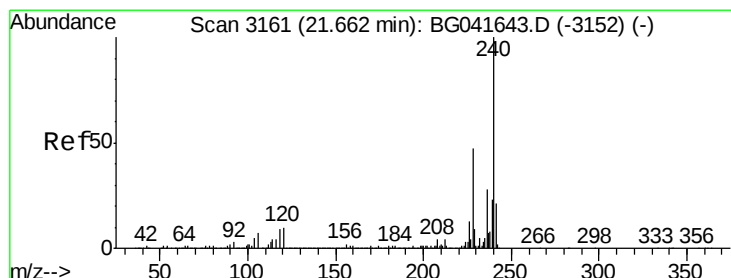
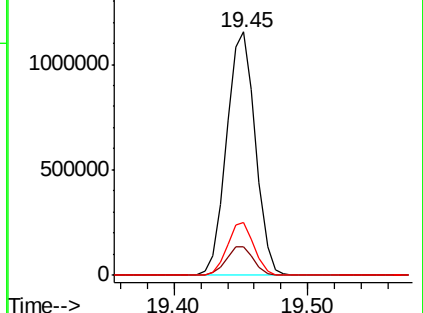
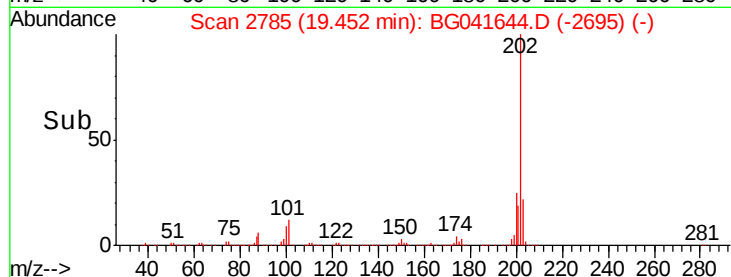
203 21.5 3.7 43.7



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: 21.66 min Scan# 3161

Delta R.T. -0.00 min

Lab File: BG041644.D

Acq: 15 Jul 2019 10:26

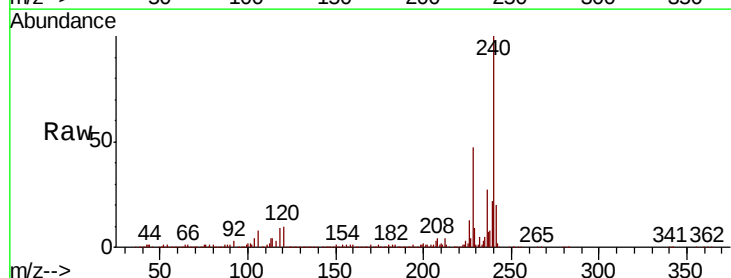
Tgt Ion:240 Resp: 528458

Ion Ratio Lower Upper

240 100

120 9.7 8.0 12.0

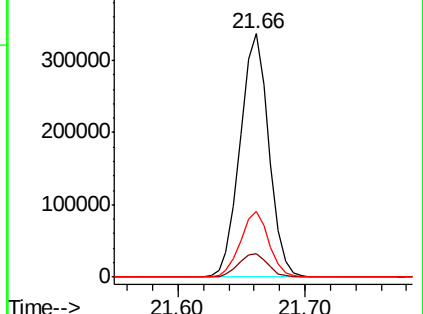
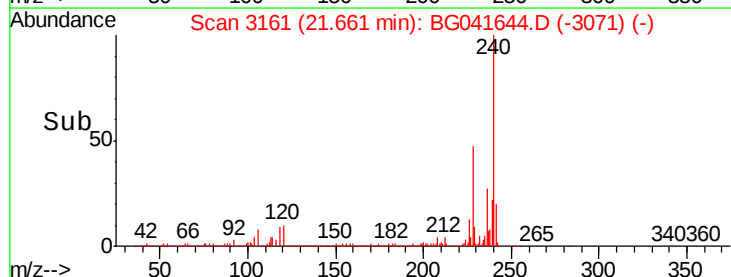
236 27.0 22.6 33.8

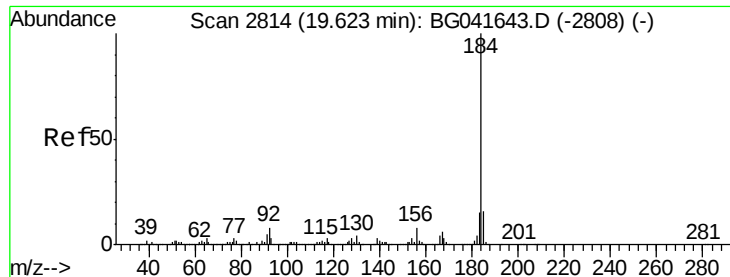


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 51.286 ng

RT: 19.62 min Scan# 2814

Delta R.T. -0.00 min

Lab File: BG041644.D

Acq: 15 Jul 2019 10:26

Instrument :

BNA\_G

ClientSampleId :

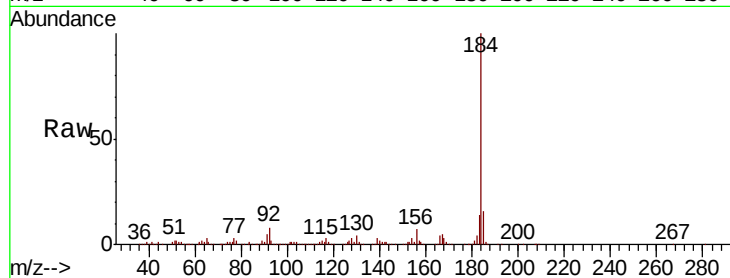
Tot Ion:184 Resp: 905104

Ion Ratio Lower Upper

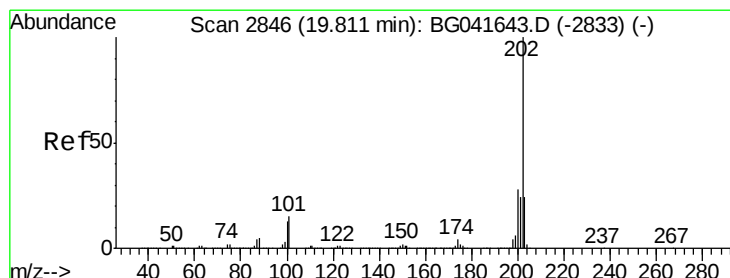
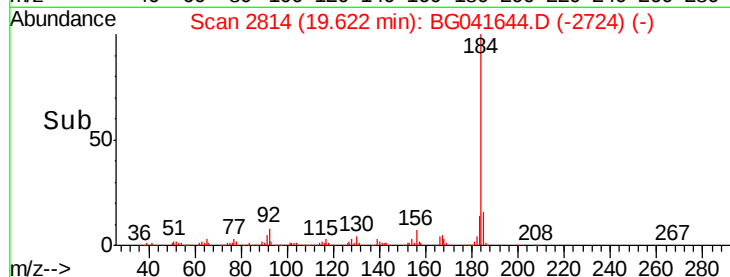
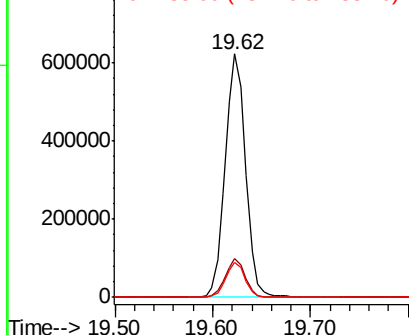
184 100

185 15.9 13.0 19.4

183 14.3 11.8 17.6



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: 50.791 ng

RT: 19.81 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BG041644.D

Acq: 15 Jul 2019 10:26

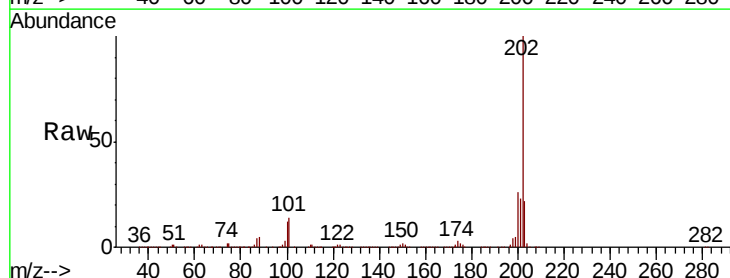
Tgt Ion:202 Resp: 1726988

Ion Ratio Lower Upper

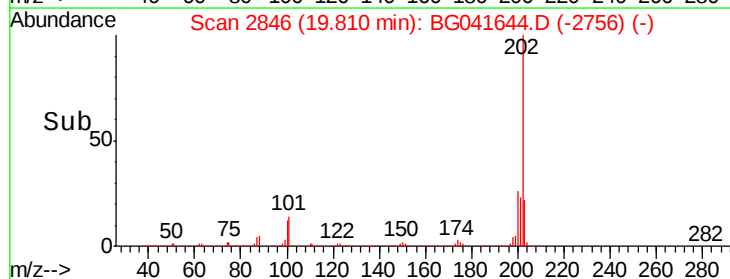
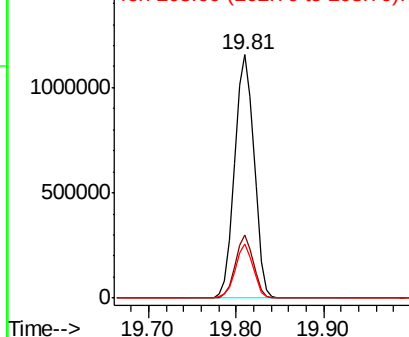
202 100

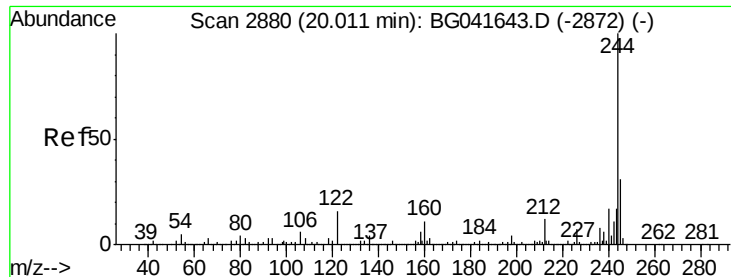
200 25.8 22.2 33.2

203 22.0 18.9 28.3



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: 102.533 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG041644.D

Acq: 15 Jul 2019 10:26

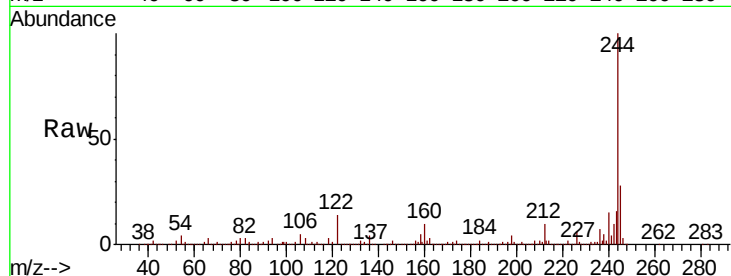
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:244 Resp: 2216997

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 10.4  | 9.7   | 14.5  |
| 122 | 13.5  | 12.5  | 18.7  |

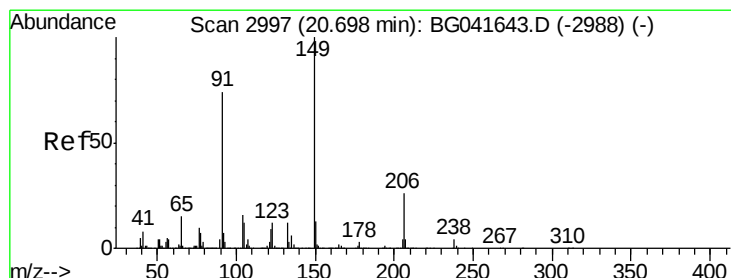
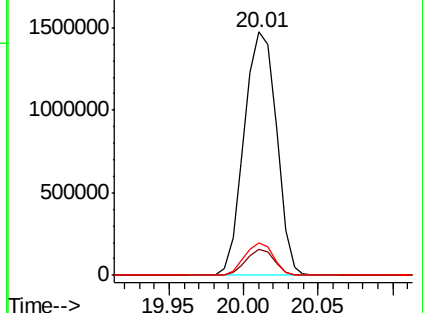
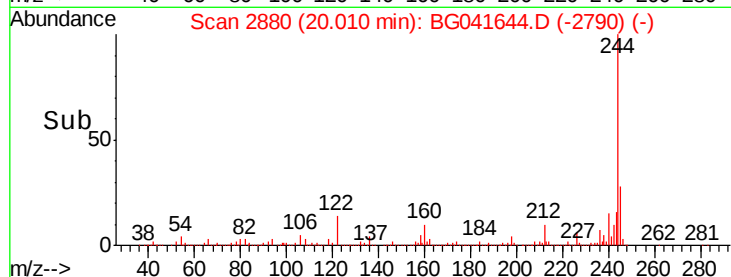


Abundance

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: 46.714 ng

RT: 20.70 min Scan# 2998

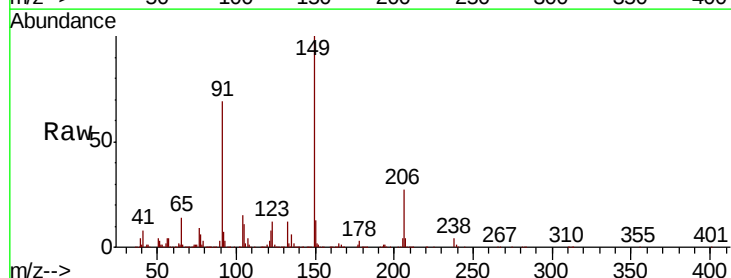
Delta R.T. 0.01 min

Lab File: BG041644.D

Acq: 15 Jul 2019 10:26

Tgt Ion:149 Resp: 750764

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 68.5  | 58.9  | 88.3  |
| 206 | 26.7  | 20.8  | 31.2  |

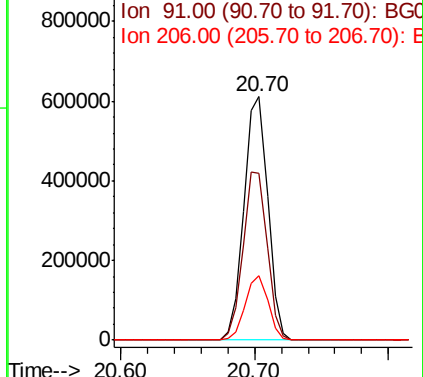
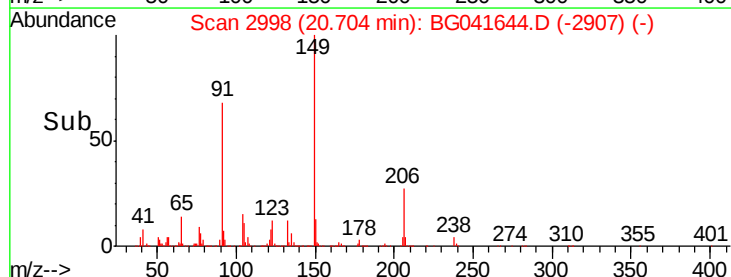


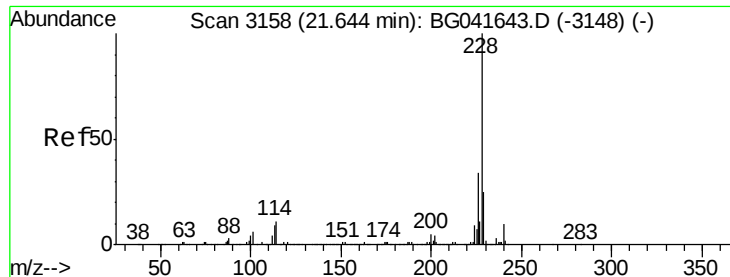
Abundance

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: 46.461 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.01 min

Lab File: BG041644.D

Acq: 15 Jul 2019 10:26

Instrument :

BNA\_G

ClientSampleId :

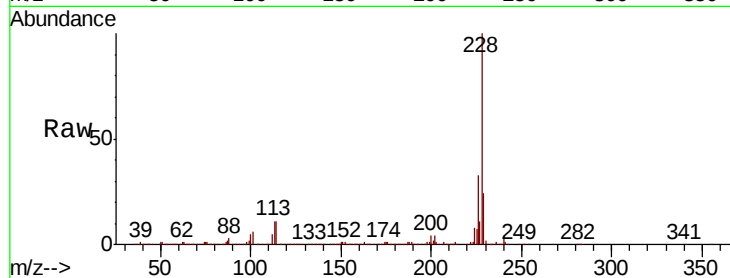
Tot Ion:228 Resp: 1698790

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 32.7  | 27.3  | 40.9  |
| 229 | 24.0  | 19.7  | 29.5  |

228 100

226 32.7 27.3 40.9

229 24.0 19.7 29.5

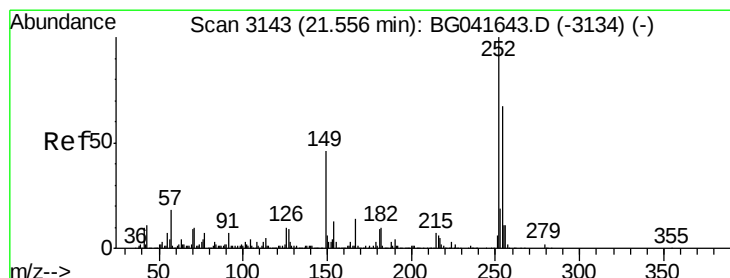
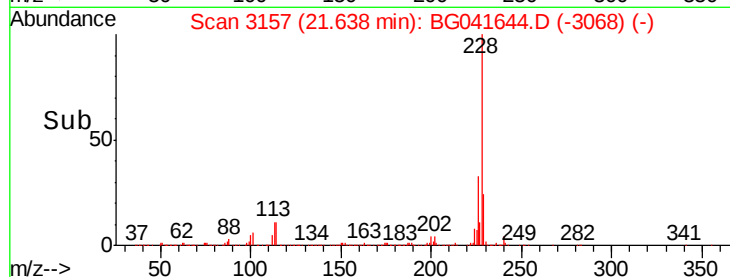
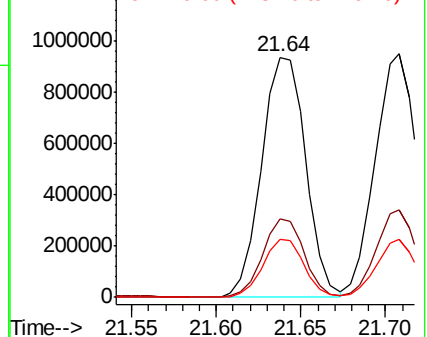


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 44.624 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG041644.D

Acq: 15 Jul 2019 10:26

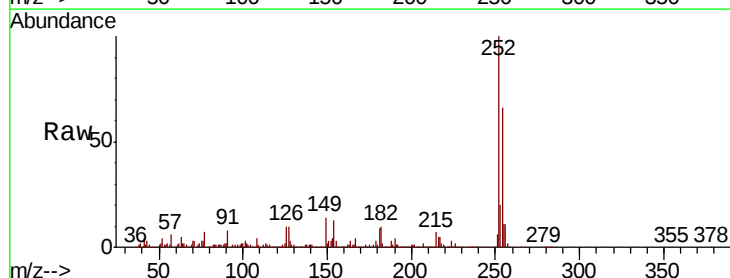
Tgt Ion:252 Resp: 678474

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 66.3  | 53.8  | 80.6  |
| 126 | 10.1  | 7.8   | 11.8  |

252 100

254 66.3 53.8 80.6

126 10.1 7.8 11.8

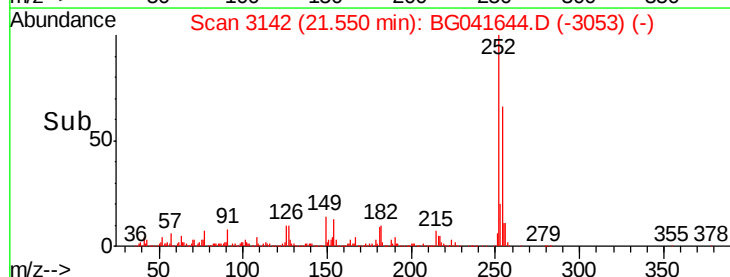
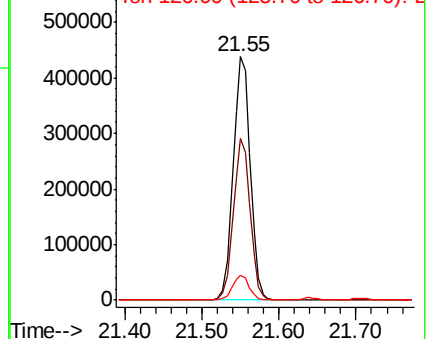


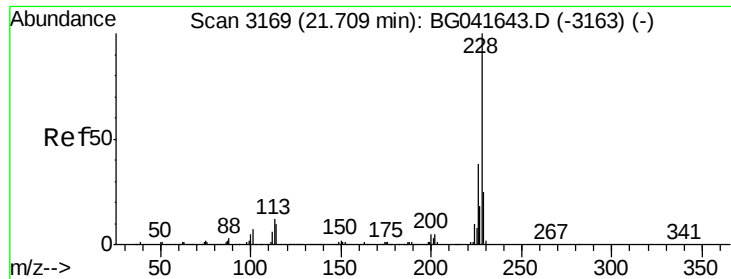
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 50.014 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.00 min

Lab File: BG041644.D

Acq: 15 Jul 2019 10:26

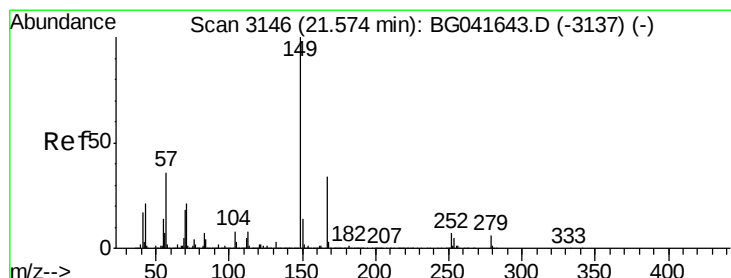
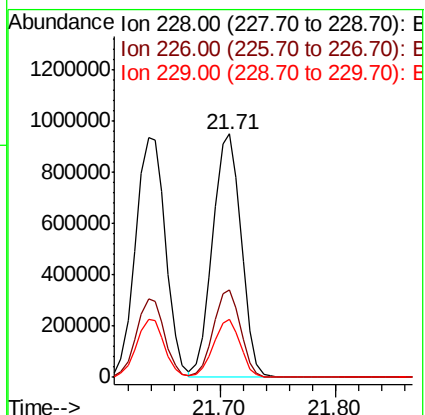
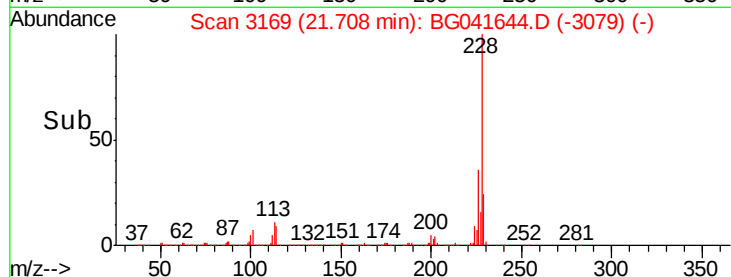
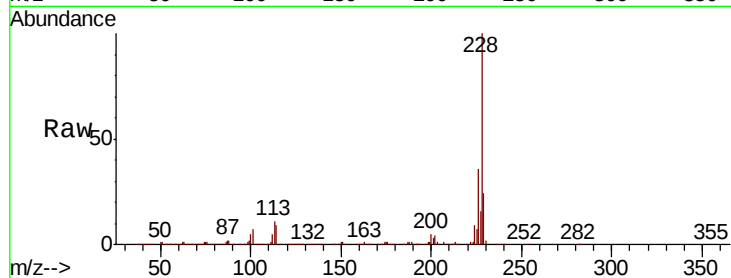
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:228 Resp: 1627846

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 35.8  | 30.1  | 45.1  |
| 229 | 23.9  | 19.8  | 29.6  |



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.827 ng

RT: 21.57 min Scan# 3145

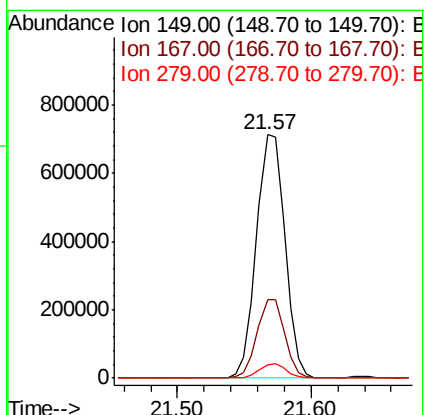
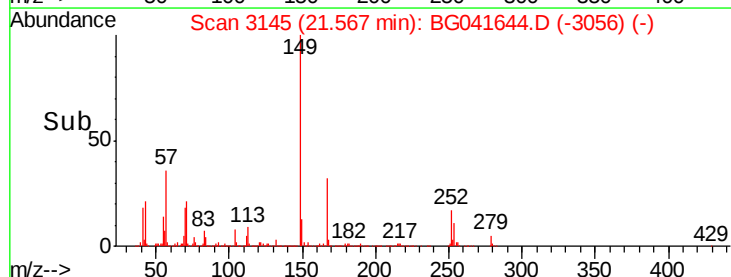
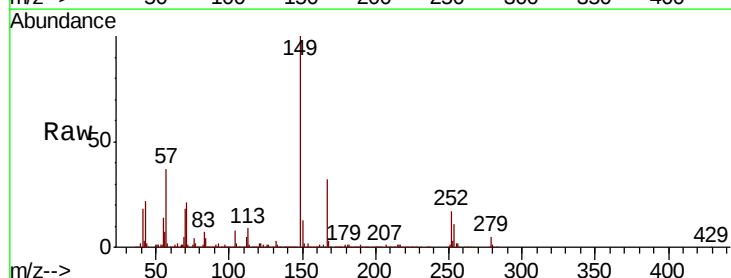
Delta R.T. -0.01 min

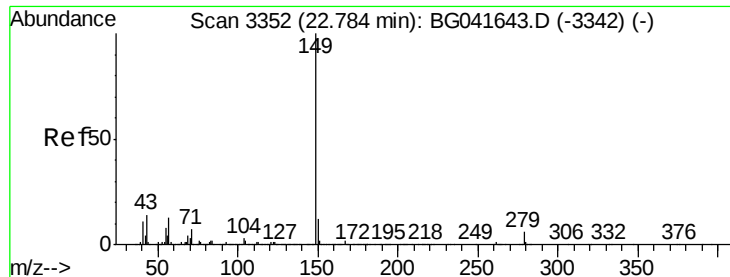
Lab File: BG041644.D

Acq: 15 Jul 2019 10:26

Tgt Ion:149 Resp: 1051249

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 32.1  | 27.0  | 40.4  |
| 279 | 5.4   | 5.0   | 7.6   |





#85

Di-n-octyl phthalate

Concen: 47.737 ng

RT: 22.78 min Scan# 3352

Delta R.T. -0.00 min

Lab File: BG041644.D

Acq: 15 Jul 2019 10:26

Instrument :

BNA\_G

ClientSampleId :

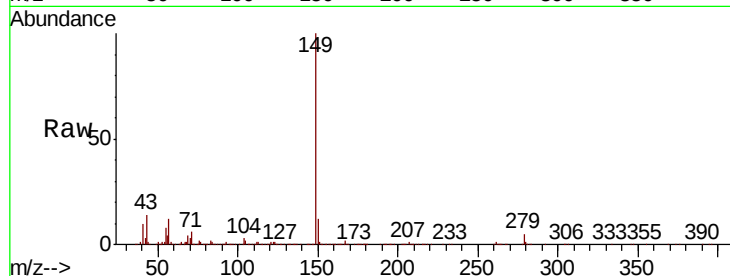
Tot Ion:149 Resp: 1821119

Ion Ratio Lower Upper

149 100

167 1.8 1.6 2.4

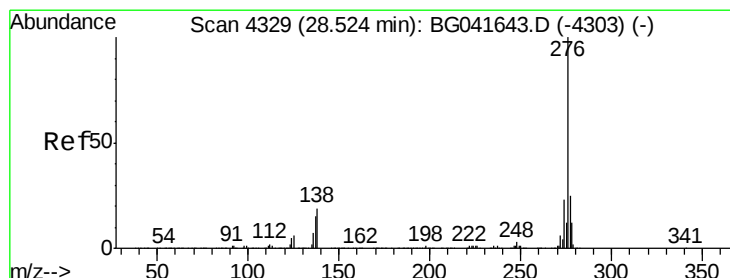
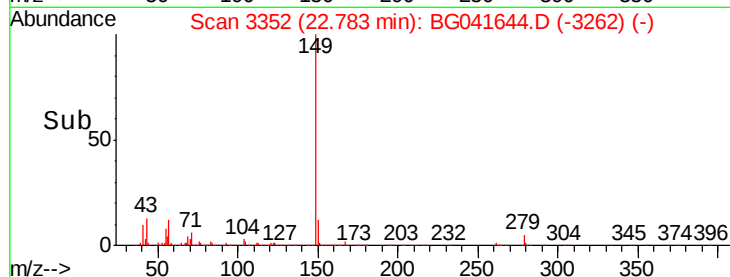
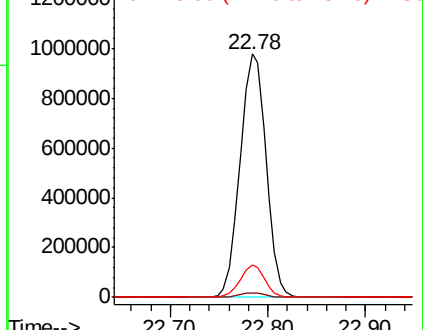
43 12.5 10.6 16.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.712 ng

RT: 28.51 min Scan# 4327

Delta R.T. -0.01 min

Lab File: BG041644.D

Acq: 15 Jul 2019 10:26

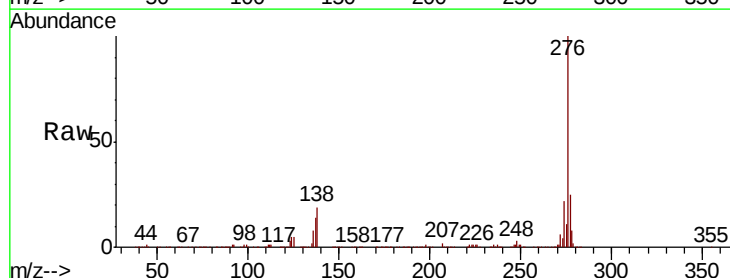
Tgt Ion:276 Resp: 2153800

Ion Ratio Lower Upper

276 100

138 16.9 19.4 29.0#

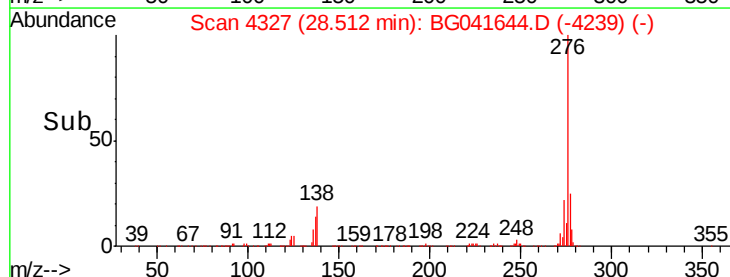
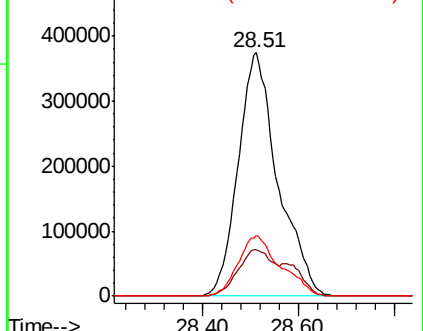
277 26.3 21.2 31.8

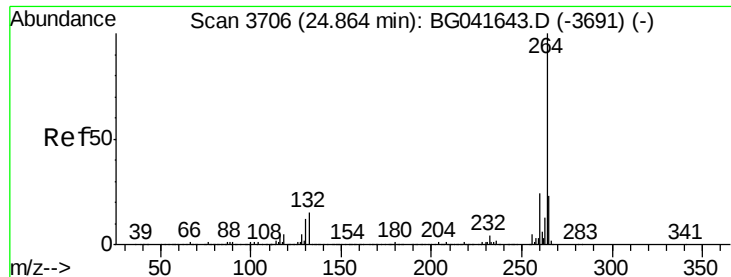


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG041644.D

Acq: 15 Jul 2019 10:26

Instrument :

BNA\_G

ClientSampleId :

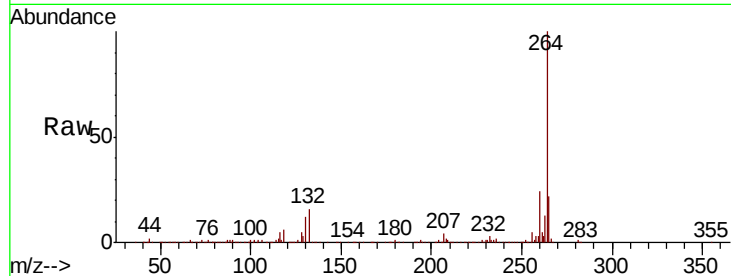
Tot Ion:264 Resp: 618746

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

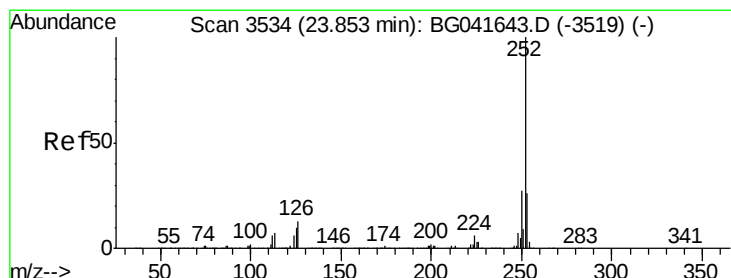
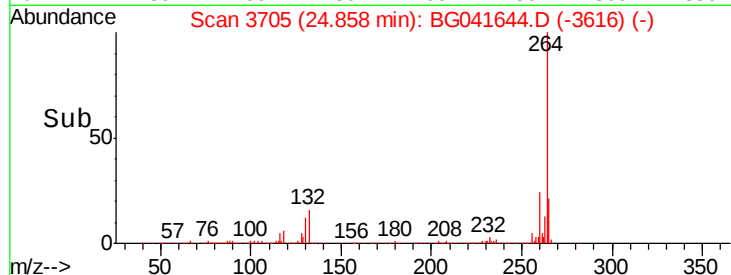
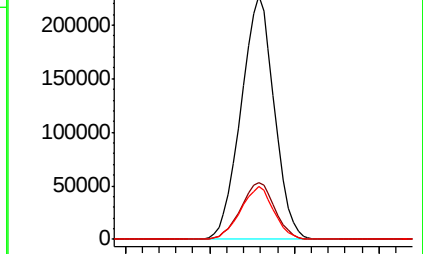
265 21.6 18.0 27.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 51.117 ng

RT: 23.85 min Scan# 3533

Delta R.T. -0.01 min

Lab File: BG041644.D

Acq: 15 Jul 2019 10:26

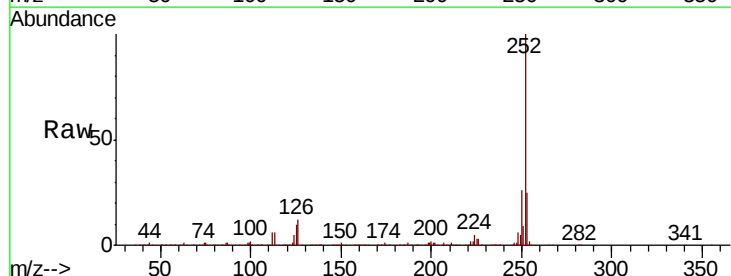
Tgt Ion:252 Resp: 1877754

Ion Ratio Lower Upper

252 100

253 24.8 20.6 30.8

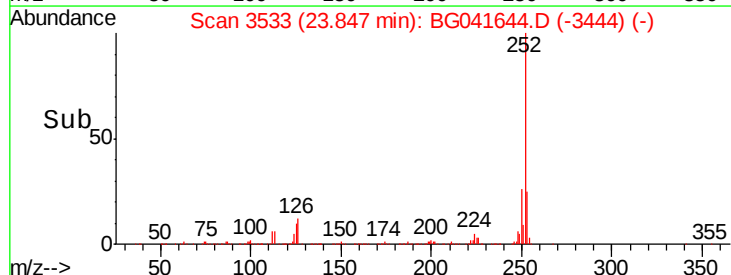
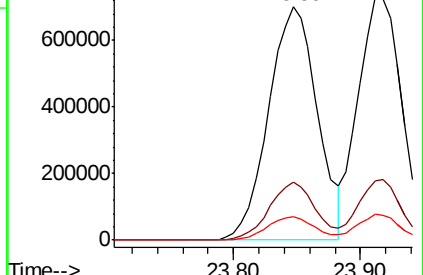
125 9.9 8.0 12.0

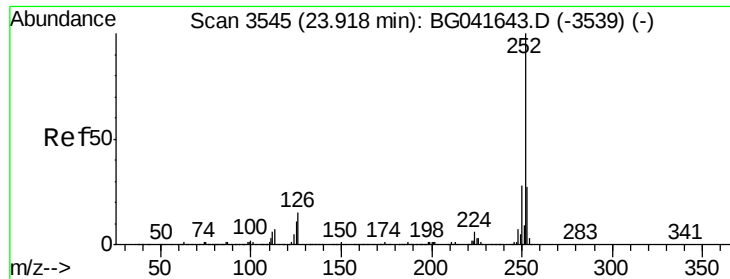


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

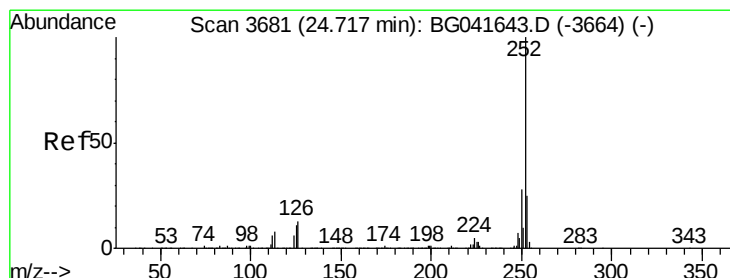
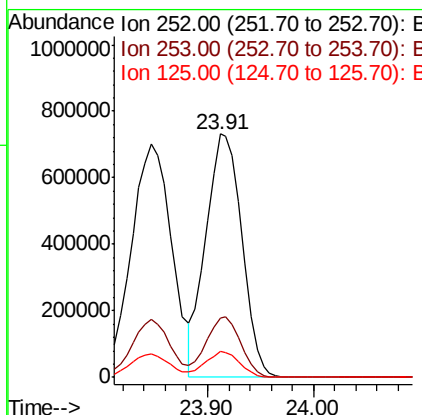
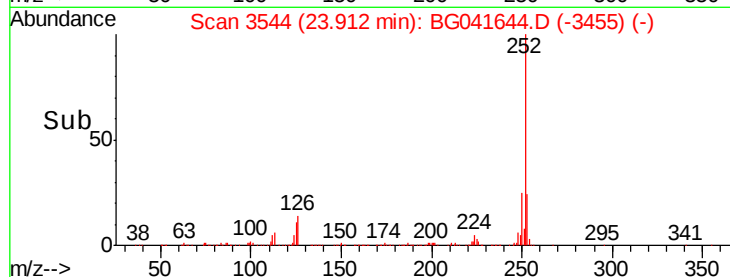
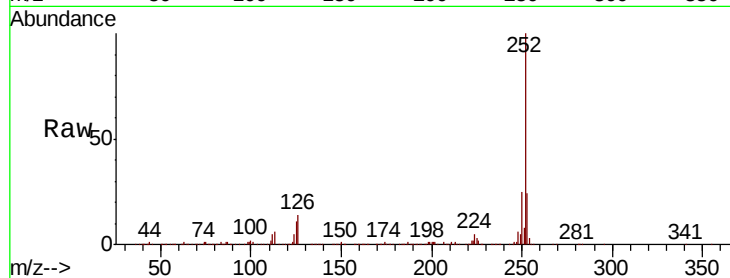




#89  
Benzo(k)fluoranthene  
Concen: 49.578 ng  
RT: 23.91 min Scan# 3544  
Delta R.T. -0.01 min  
Lab File: BG041644.D  
Acq: 15 Jul 2019 10:26

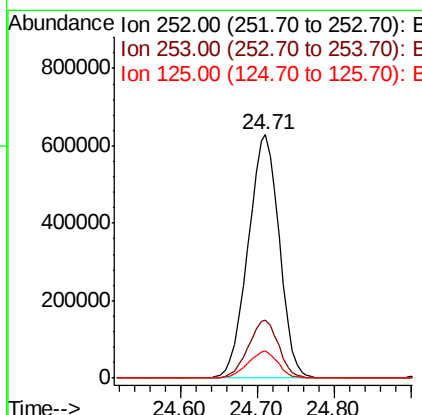
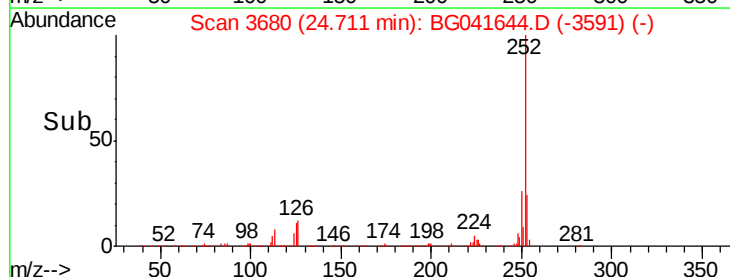
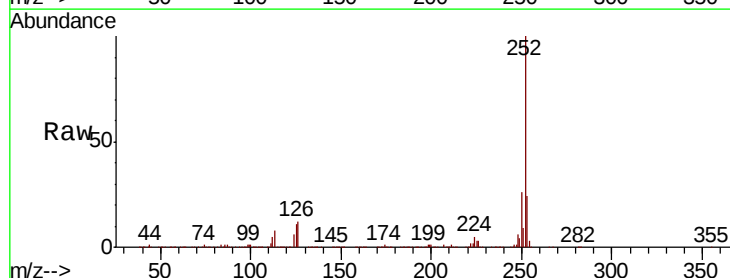
Instrument :  
BNA\_G  
ClientSampleId :

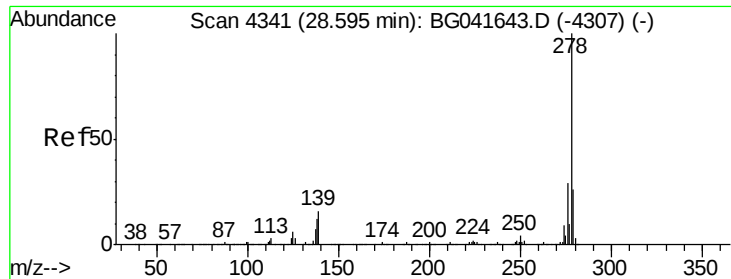
Tot Ion:252 Resp: 1735627  
Ion Ratio Lower Upper  
252 100  
253 24.3 20.5 30.7  
125 10.6 8.4 12.6



#90  
Benzo(a)pyrene  
Concen: 50.569 ng  
RT: 24.71 min Scan# 3680  
Delta R.T. -0.01 min  
Lab File: BG041644.D  
Acq: 15 Jul 2019 10:26

Tgt Ion:252 Resp: 1780212  
Ion Ratio Lower Upper  
252 100  
253 24.0 19.8 29.8  
125 11.0 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 50.550 ng

RT: 28.58 min Scan# 4338

Delta R.T. -0.02 min

Lab File: BG041644.D

Acq: 15 Jul 2019 10:26

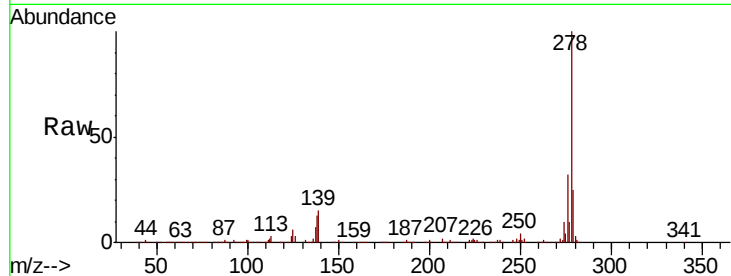
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:278 Resp: 1728116

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 15.1  | 12.6  | 19.0  |
| 279 | 25.5  | 20.5  | 30.7  |

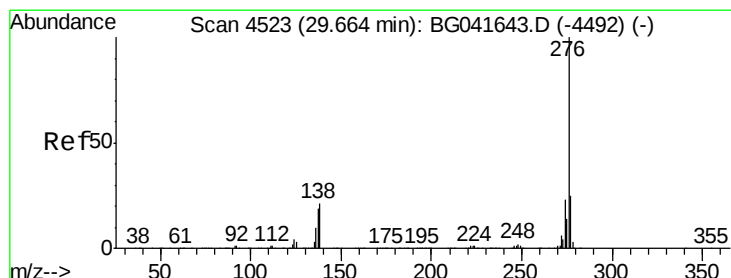
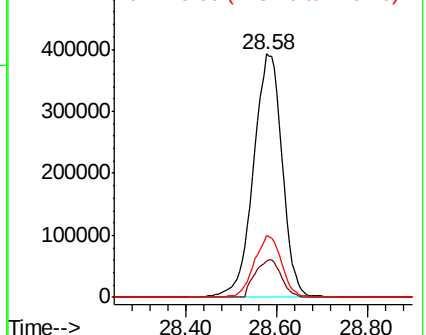
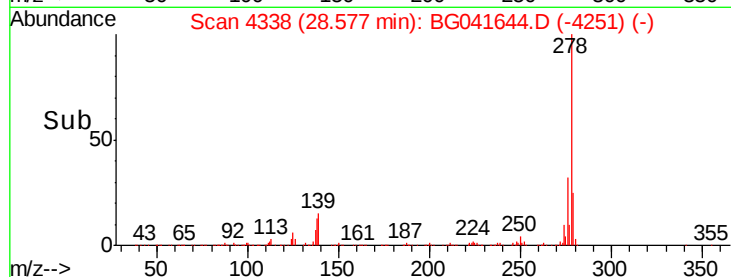


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 50.797 ng

RT: 29.65 min Scan# 4521

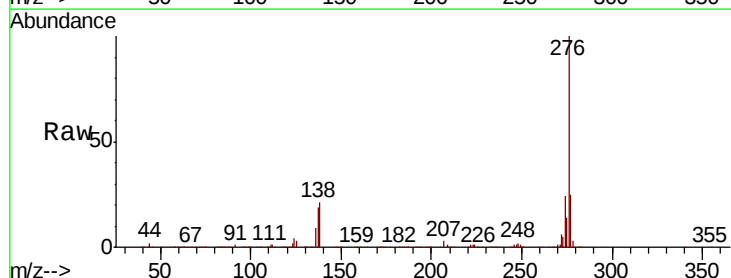
Delta R.T. -0.01 min

Lab File: BG041644.D

Acq: 15 Jul 2019 10:26

Tgt Ion:276 Resp: 1732208

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 24.9  | 19.8  | 29.8  |
| 138 | 20.9  | 16.6  | 25.0  |



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

