

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\  
 Data File : BG041820.D  
 Acq On : 31 Jul 2019 2:58  
 Operator : HP/JU  
 Sample : K4021-04  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-10

Quant Time: Jul 31 04:12:02 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 30 07:53:52 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.05  | 152  | 84661    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.87 | 136  | 320485   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.70 | 164  | 245455   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.45 | 188  | 711609   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.73 | 240  | 712539   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.00 | 264  | 837483   | 20.00 | ng    | -0.01    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.59  | 112  | 524116   | 120.45 | ng    | 0.00     |
| 7) Phenol-d6                | 7.19  | 99   | 652388   | 111.21 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.20  | 82   | 473639   | 101.70 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.19 | 330  | 494573   | 177.39 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.32 | 172  | 1291909  | 92.83  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.07 | 244  | 2662631  | 85.51  | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|-------|------|----------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 3.47  | 88   | 6451     | 3.150 | ng    | # 1    |
| 3) Pyridine                    | 3.89  | 79   | 16970    | 3.022 | ng    | 86     |
| 4) n-Nitrosodimethylamine      | 3.79  | 42   | 4781     | 2.147 | ng    | # 92   |
| 8) 2-Chlorophenol              | 7.60  | 128  | 15057    | 3.022 | ng    | 96     |
| 9) Benzaldehyde                | 7.18  | 77   | 10678    | 2.587 | ng    | # 73   |
| 10) Phenol                     | 7.22  | 94   | 18615    | 3.050 | ng    | 87     |
| 11) bis(2-Chloroethyl)ether    | 7.45  | 93   | 12876    | 2.566 | ng    | 98     |
| 12) 1,3-Dichlorobenzene        | 7.93  | 146  | 18186    | 2.796 | ng    | 95     |
| 13) 1,4-Dichlorobenzene        | 8.08  | 146  | 17816    | 2.738 | ng    | 96     |
| 14) 1,2-Dichlorobenzene        | 8.41  | 146  | 16880    | 2.719 | ng    | 95     |
| 15) Benzyl Alcohol             | 8.28  | 79   | 10424    | 2.259 | ng    | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.58  | 45   | 23629    | 2.647 | ng    | 97     |
| 17) 2-Methylphenol             | 8.48  | 107  | 11917    | 2.685 | ng    | 94     |
| 18) Hexachloroethane           | 9.14  | 117  | 6358     | 2.853 | ng    | # 77   |
| 19) n-Nitroso-di-n-propylamine | 8.85  | 70   | 10748    | 2.524 | ng    | # 85   |
| 20) 3+4-Methylphenols          | 8.80  | 107  | 15374    | 2.531 | ng    | 91     |
| 22) Acetophenone               | 8.86  | 105  | 23012    | 3.210 | ng    | # 91   |
| 24) Nitrobenzene               | 9.25  | 77   | 16042    | 3.270 | ng    | 97     |
| 25) Isophorone                 | 9.77  | 82   | 28037    | 2.767 | ng    | 99     |
| 26) 2-Nitrophenol              | 9.97  | 139  | 6596     | 2.897 | ng    | 99     |
| 27) 2,4-Dimethylphenol         | 10.02 | 122  | 12014    | 2.989 | ng    | 95     |
| 28) bis(2-Chloroethoxy)methane | 10.26 | 93   | 16998    | 2.685 | ng    | # 95   |
| 29) 2,4-Dichlorophenol         | 10.51 | 162  | 15006    | 3.066 | ng    | 95     |
| 30) 1,2,4-Trichlorobenzene     | 10.73 | 180  | 17645    | 2.843 | ng    | 95     |
| 31) Naphthalene                | 10.92 | 128  | 45590    | 3.108 | ng    | 97     |
| 32) Benzoic acid               | 10.29 | 122  | 737      | 8.938 | ng    | 90     |
| 34) Hexachlorobutadiene        | 11.21 | 225  | 12044    | 2.875 | ng    | 95     |
| 35) Caprolactam                | 11.76 | 113  | 6852     | 4.029 | ng    | # 52   |
| 36) 4-Chloro-3-methylphenol    | 12.14 | 107  | 17027    | 3.509 | ng    | 98     |
| 37) 2-Methylnaphthalene        | 12.53 | 142  | 34792    | 2.997 | ng    | 92     |
| 38) 1-Methylnaphthalene        | 12.75 | 142  | 35211    | 3.200 | ng    | 96     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.89 | 216  | 23181    | 2.984 | ng    | 96     |
| 43) 2,4,6-Trichlorophenol      | 13.13 | 196  | 12111    | 2.466 | ng    | 89     |
| 44) 2,4,5-Trichlorophenol      | 13.20 | 196  | 15755    | 3.087 | ng    | 94     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\  
 Data File : BG041820.D  
 Acq On : 31 Jul 2019 2:58  
 Operator : HP/JU  
 Sample : K4021-04  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-10

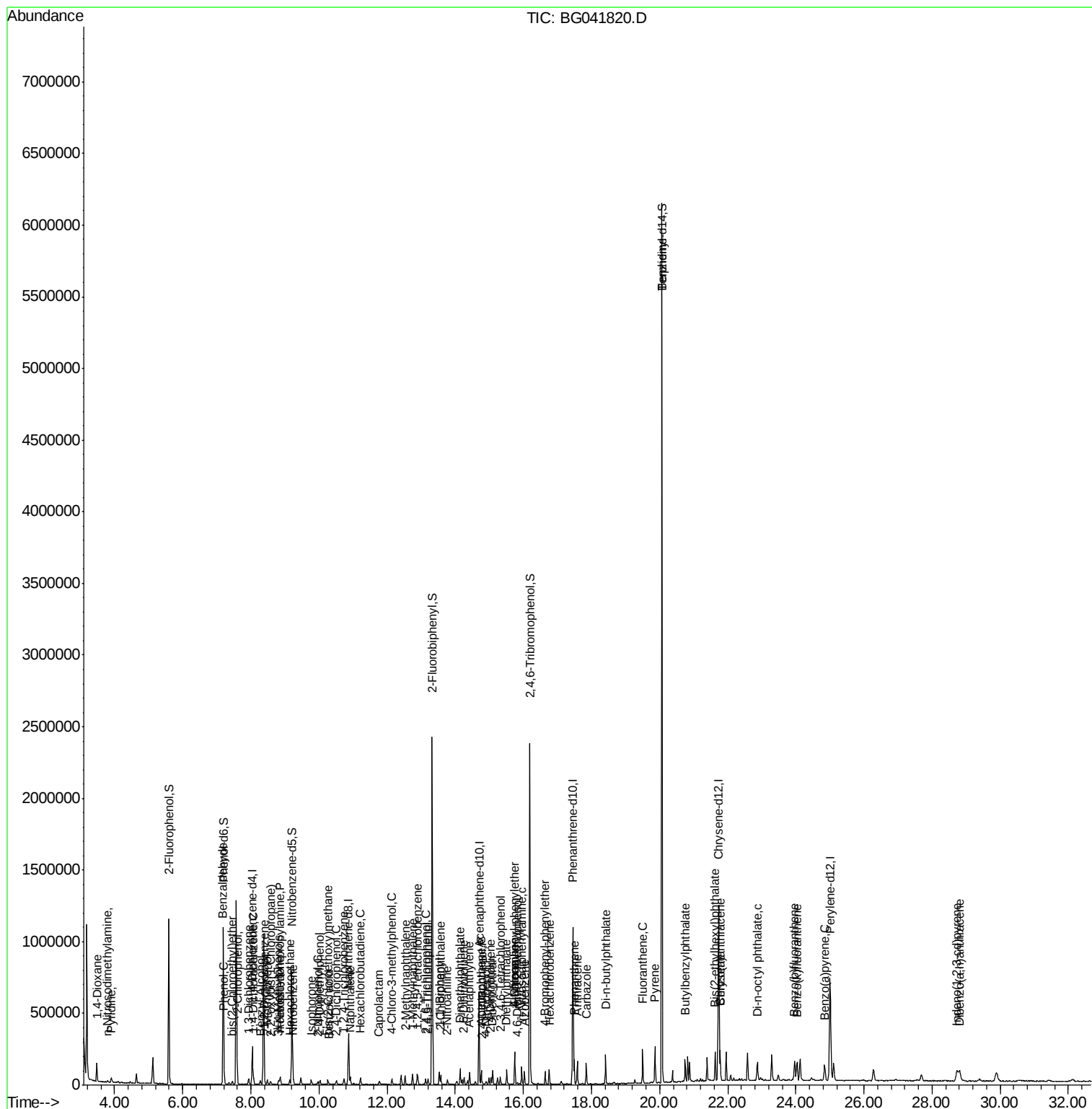
Quant Time: Jul 31 04:12:02 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 30 07:53:52 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 46) 1,1'-Biphenyl              | 13.53 | 154  | 48799    | 3.093 | nq    | 95       |
| 47) 2-Chloronaphthalene        | 13.58 | 162  | 37199    | 2.769 | nq    | 99       |
| 48) 2-Nitroaniline             | 13.76 | 65   | 10655    | 3.127 | nq    | 97       |
| 49) Acenaphthylene             | 14.42 | 152  | 62940    | 3.132 | nq    | 93       |
| 50) Dimethylphthalate          | 14.15 | 163  | 84866    | 5.063 | nq    | 97       |
| 51) 2,6-Dinitrotoluene         | 14.26 | 165  | 10985    | 3.134 | nq #  | 86       |
| 52) Acenaphthene               | 14.76 | 154  | 38339    | 2.933 | nq    | 95       |
| 54) 2,4-Dinitrophenol          | 14.80 | 184  | 2326     | 4.780 | nq    | 86       |
| 55) Dibenzofuran               | 15.10 | 168  | 67746    | 3.389 | nq    | 90       |
| 56) 4-Nitrophenol              | 14.90 | 139  | 9153     | 3.215 | nq #  | 79       |
| 57) 2,4-Dinitrotoluene         | 15.04 | 165  | 15195    | 3.152 | nq #  | 98       |
| 58) Fluorene                   | 15.75 | 166  | 57117    | 3.560 | nq    | 96       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.33 | 232  | 13855    | 2.741 | nq #  | 94       |
| 60) Diethylphthalate           | 15.51 | 149  | 58852    | 3.576 | nq    | 96       |
| 61) 4-Chlorophenyl-phenylether | 15.74 | 204  | 31284    | 3.194 | nq    | 89       |
| 62) 4-Nitroaniline             | 15.75 | 138  | 13154    | 3.238 | nq    | 85       |
| 63) Azobenzene                 | 16.03 | 77   | 45368    | 3.375 | nq    | 94       |
| 65) 4,6-Dinitro-2-methylphenol | 15.81 | 198  | 5555     | 8.220 | nq    | 82       |
| 66) n-Nitrosodiphenylamine     | 15.95 | 169  | 55772    | 2.877 | nq    | 93       |
| 67) 4-Bromophenyl-phenylether  | 16.64 | 248  | 23180    | 2.644 | nq    | 98       |
| 68) Hexachlorobenzene          | 16.76 | 284  | 23349    | 2.546 | nq #  | 91       |
| 71) Phenanthrene               | 17.49 | 178  | 114176   | 3.347 | nq    | 92       |
| 72) Anthracene                 | 17.58 | 178  | 112784   | 3.315 | nq    | 93       |
| 73) Carbazole                  | 17.85 | 167  | 106889   | 3.501 | nq #  | 89       |
| 74) Di-n-butylphthalate        | 18.42 | 149  | 136631   | 3.947 | nq #  | 92       |
| 75) Fluoranthene               | 19.50 | 202  | 155748   | 3.757 | nq    | 87       |
| 77) Benzidine                  | 20.07 | 184  | 47492    | 2.042 | nq #  | 90       |
| 78) Pvrene                     | 19.86 | 202  | 159028   | 3.767 | nq #  | 88       |
| 80) Butylbenzylphthalate       | 20.76 | 149  | 48792    | 3.014 | nq    | 88       |
| 81) Benzo(a)anthracene         | 21.78 | 228  | 134509   | 3.191 | nq    | 92       |
| 83) Chrysene                   | 21.78 | 228  | 134509   | 3.329 | nq #  | 88       |
| 84) Bis(2-ethylhexyl)phthalate | 21.63 | 149  | 75849    | 3.397 | nq    | 95       |
| 85) Di-n-octyl phthalate       | 22.86 | 149  | 118105   | 3.143 | nq    | 96       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.73 | 276  | 155040   | 2.898 | nq #  | 91       |
| 88) Benzo(b)fluoranthene       | 23.96 | 252  | 142528   | 3.111 | nq #  | 95       |
| 89) Benzo(k)fluoranthene       | 24.03 | 252  | 134235   | 3.008 | nq #  | 92       |
| 90) Benzo(a)pyrene             | 24.84 | 252  | 133869   | 3.047 | nq #  | 92       |
| 91) Dibenzo(a,h)anthracene     | 28.80 | 278  | 126747   | 2.938 | nq #  | 95       |

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\  
Data File : BG041820.D  
Acq On : 31 Jul 2019 2:58  
Operator : HP/JU  
Sample : K4021-04  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 31 04:12:02 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jul 30 07:53:52 2019  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

Instrument :

BNA\_G

ClientSampled :

TP-10

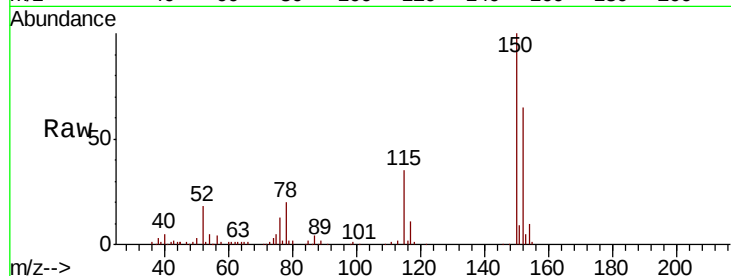
Tot Ion:152 Resp: 84661

Ion Ratio Lower Upper

152 100

150 154.4 126.9 190.3

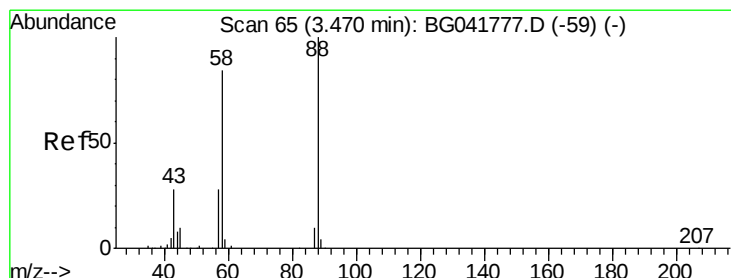
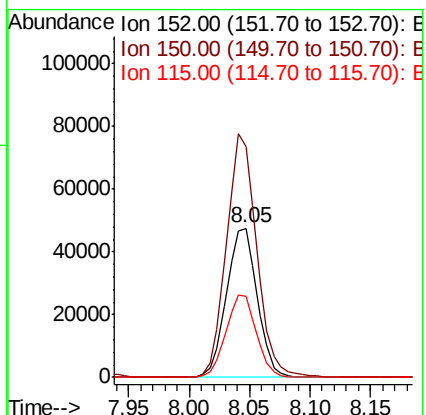
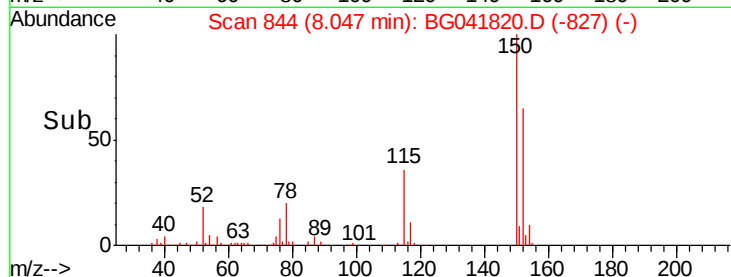
115 54.5 45.0 67.6



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



#2

1,4-Dioxane

Concen: 3.150 ng

RT: 3.47 min Scan# 65

Delta R.T. 0.00 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

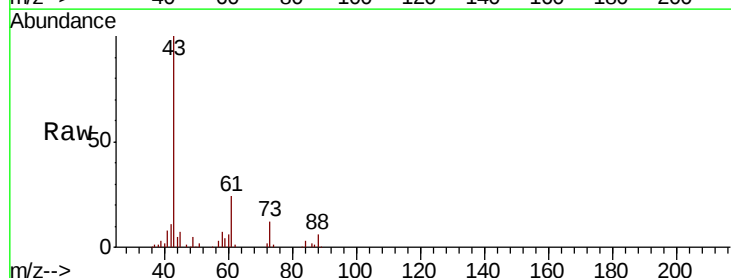
Tgt Ion: 88 Resp: 6451

Ion Ratio Lower Upper

88 100

58 89.7 76.2 114.2

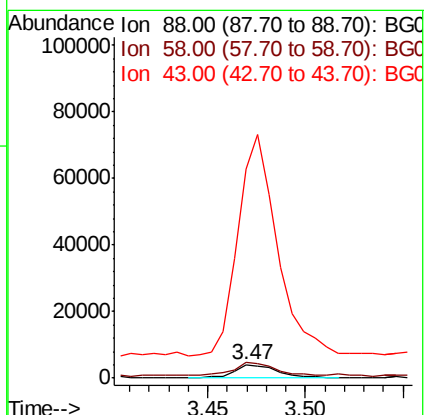
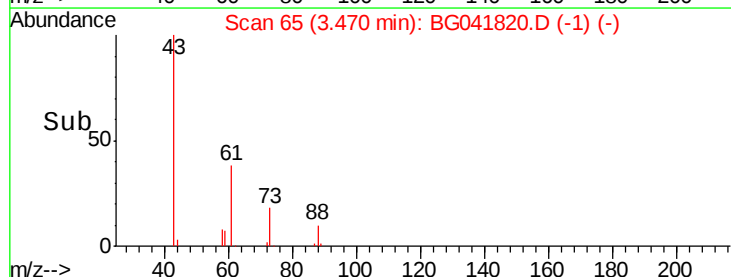
43 1479.1 27.2 40.8#

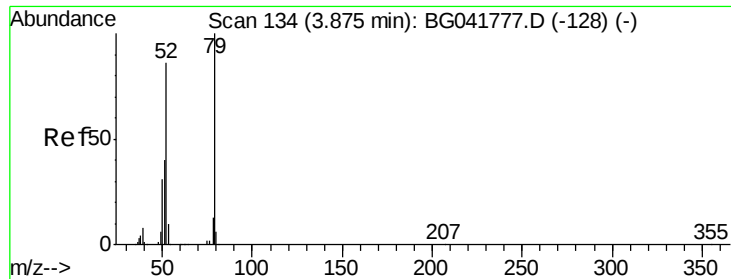


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

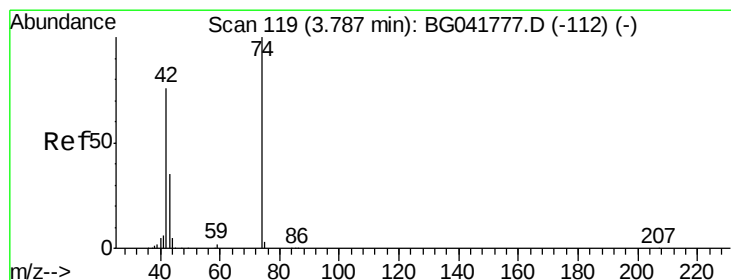
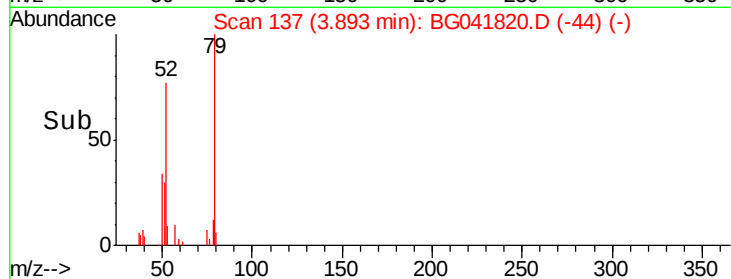
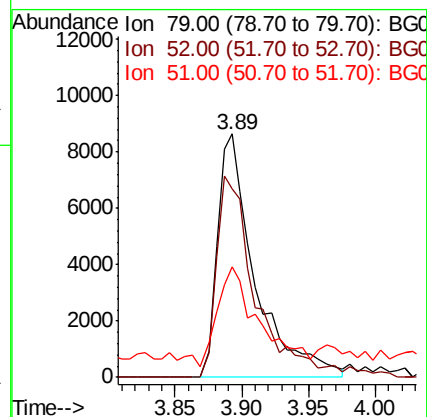
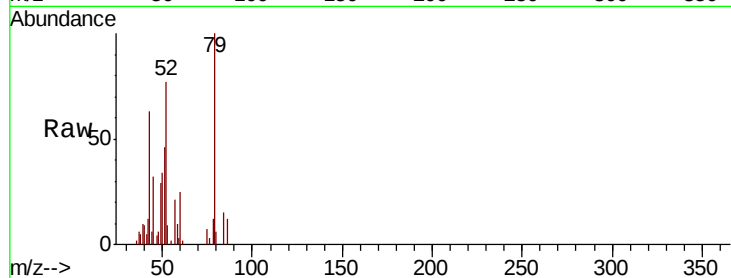




#3  
 Pvridine  
 Concen: 3.022 ng  
 RT: 3.89 min Scan# 137  
 Delta R.T. 0.02 min  
 Lab File: BG041820.D  
 Acq: 31 Jul 2019 2:58

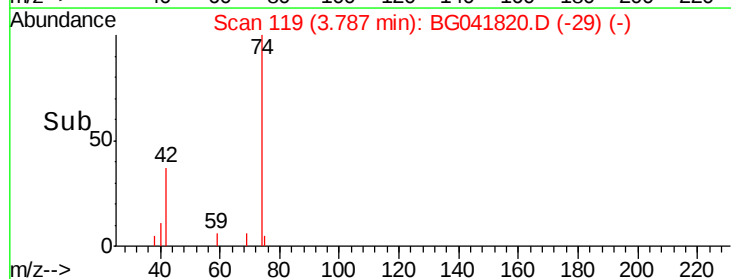
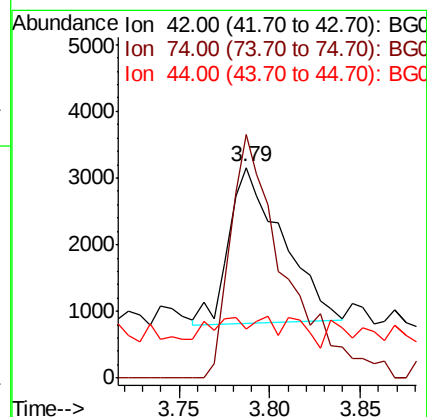
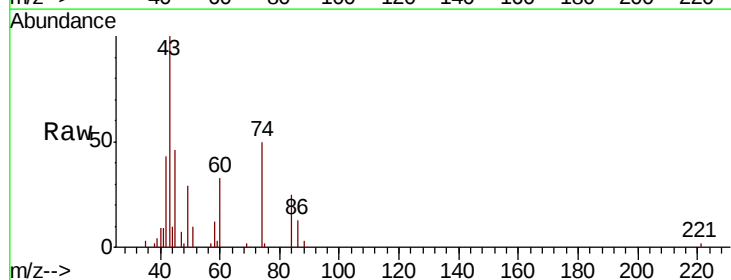
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-10

Tot Ion: 79 Resp: 16970  
 Ion Ratio Lower Upper  
 79 100  
 52 77.4 77.1 115.7  
 51 45.6 37.8 56.8



#4  
 n-Nitrosodimethylamine  
 Concen: 2.147 ng  
 RT: 3.79 min Scan# 119  
 Delta R.T. 0.00 min  
 Lab File: BG041820.D  
 Acq: 31 Jul 2019 2:58

Tgt Ion: 42 Resp: 4781  
 Ion Ratio Lower Upper  
 42 100  
 74 115.6 97.4 146.2  
 44 23.5 6.6 9.8#





#5

2-Fluorophenol

Concen: 120.449 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

Instrument :

BNA\_G

ClientSampleId :

TP-10

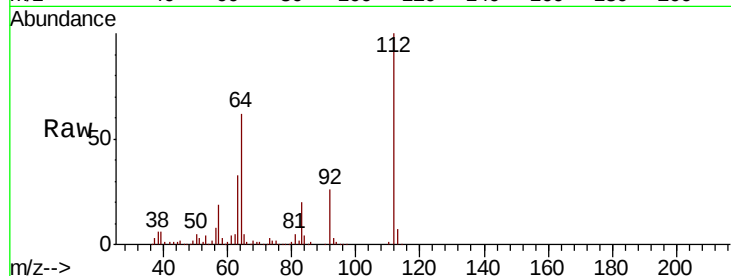
Tot Ion:112 Resp: 524116

Ion Ratio Lower Upper

112 100

64 61.9 55.4 83.2

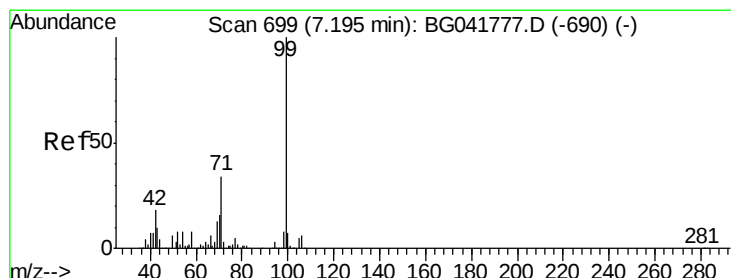
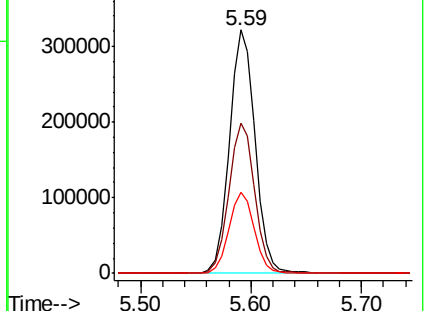
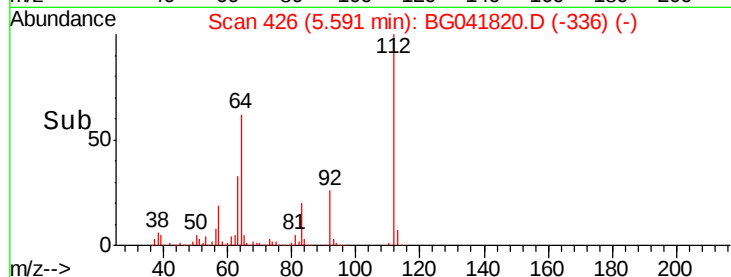
63 33.0 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 111.209 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

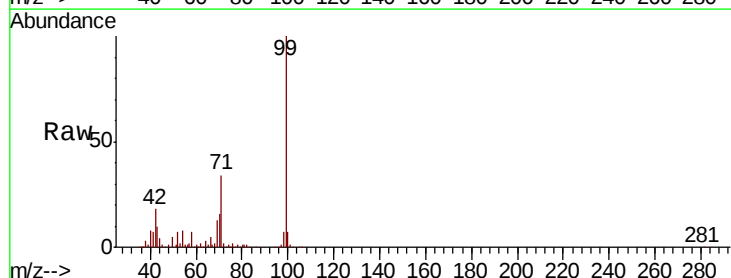
Tgt Ion: 99 Resp: 652388

Ion Ratio Lower Upper

99 100

42 18.2 17.6 26.4

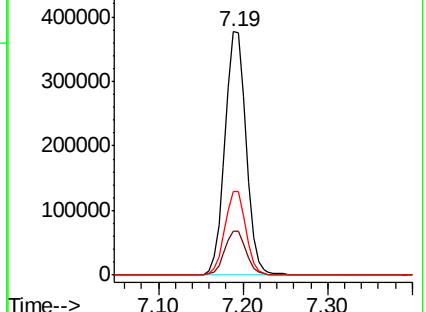
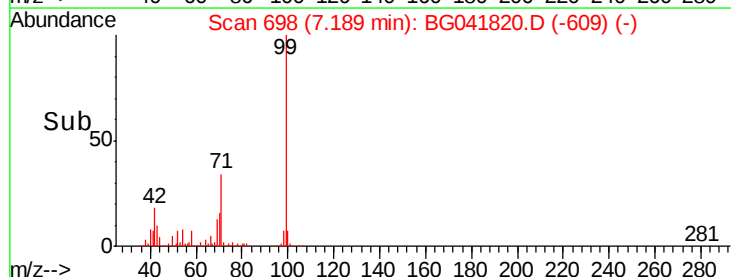
71 34.5 27.8 41.6

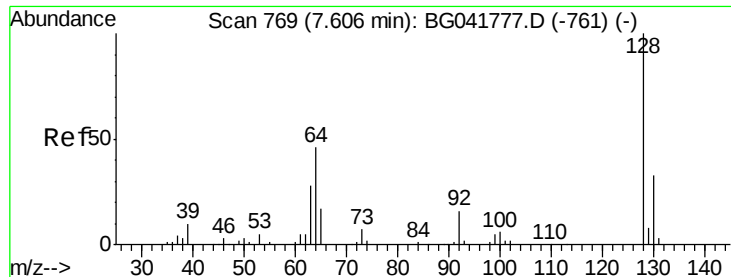


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#8

2-Chlorophenol

Concen: 3.022 ng

RT: 7.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

Instrument :

BNA\_G

ClientSampled :

TP-10

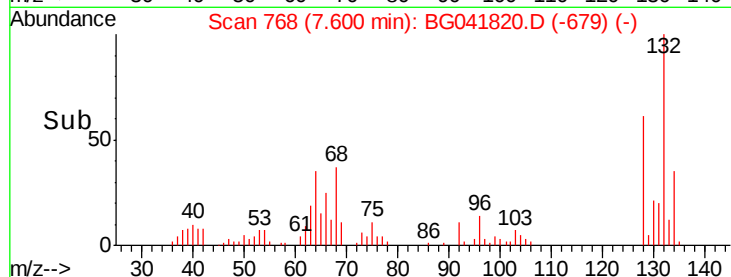
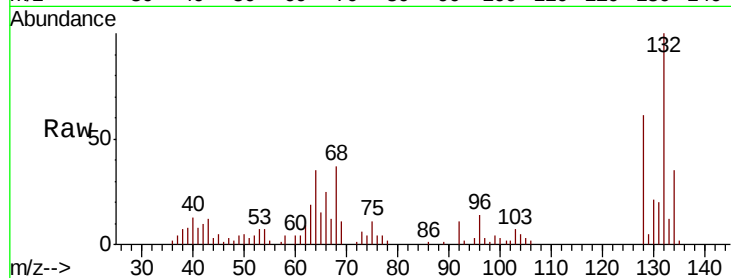
Tot Ion:128 Resp: 15057

Ion Ratio Lower Upper

128 100

130 34.5 12.4 52.4

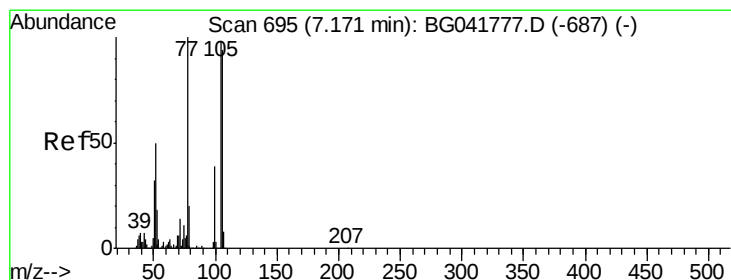
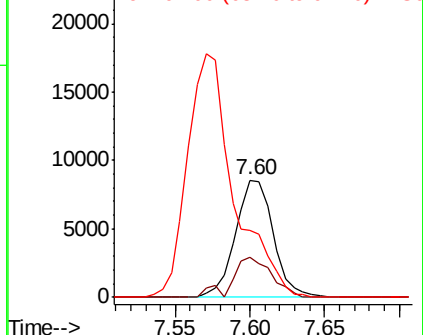
64 57.6 34.9 74.9



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: 2.587 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

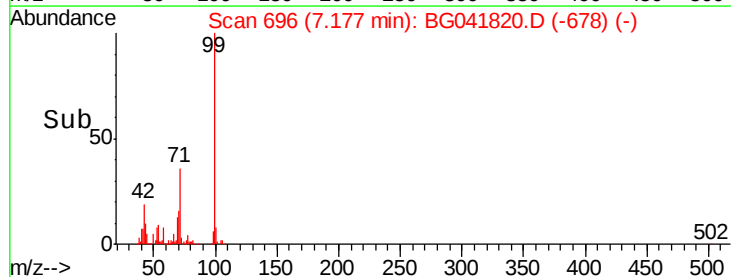
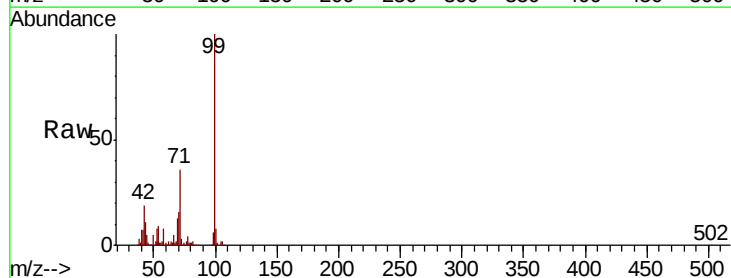
Tgt Ion: 77 Resp: 10678

Ion Ratio Lower Upper

77 100

105 68.3 74.6 114.6#

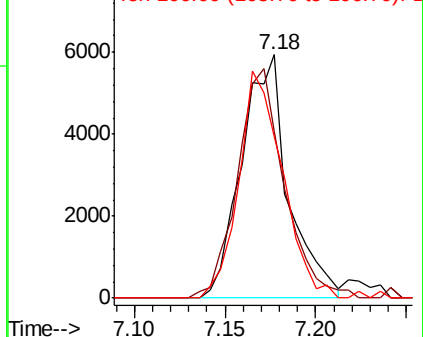
106 66.2 71.1 111.1#

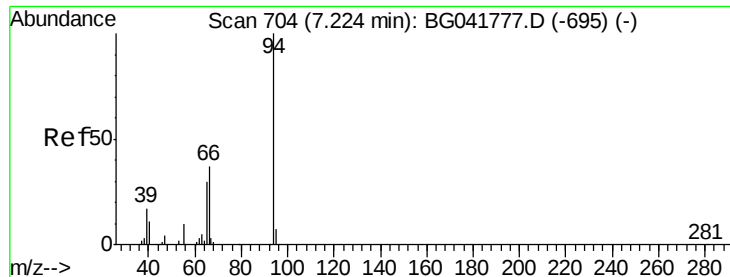


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 3.050 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

Instrument :

BNA\_G

ClientSampleId :

TP-10

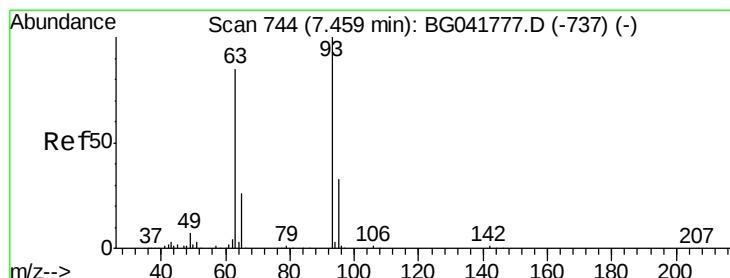
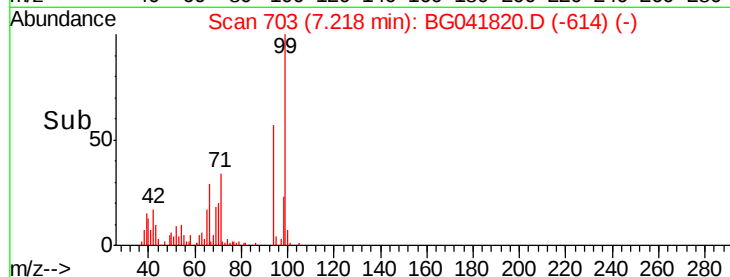
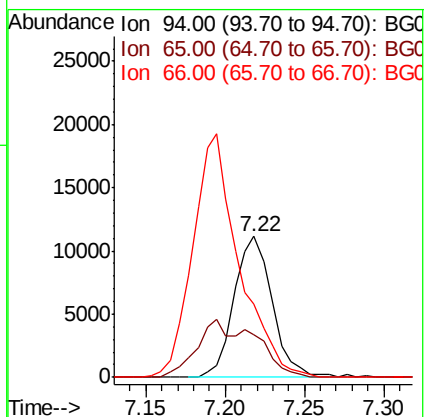
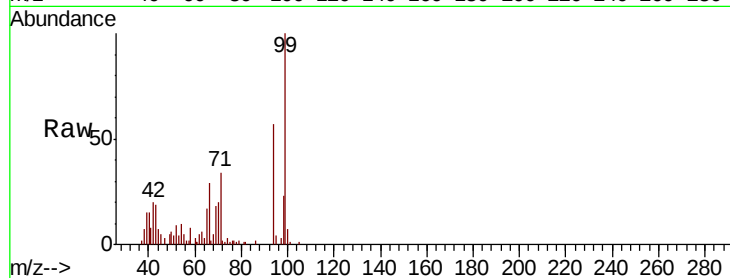
Tot Ion: 94 Resp: 18615

Ion Ratio Lower Upper

94 100

65 30.0 10.6 50.6

66 51.6 18.2 58.2



#11

bis(2-Chloroethyl)ether

Concen: 2.566 ng

RT: 7.45 min Scan# 743

Delta R.T. -0.01 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

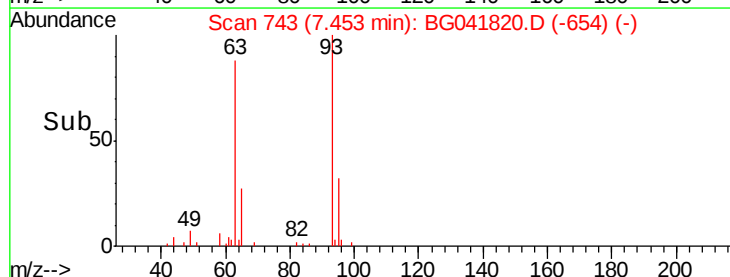
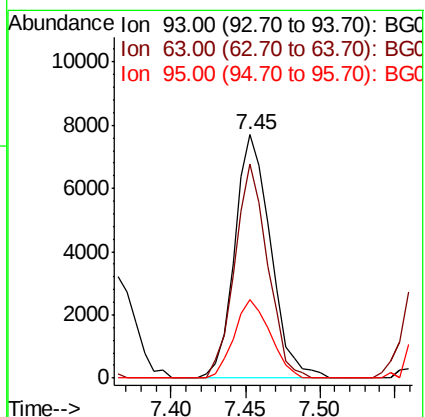
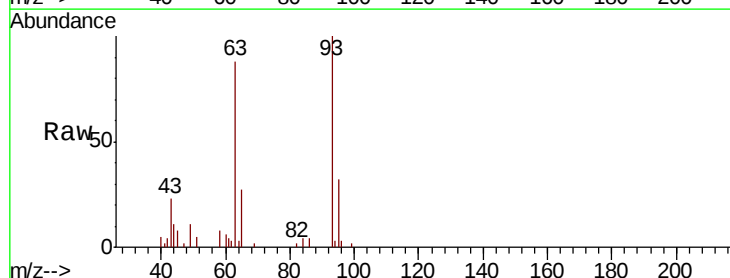
Tgt Ion: 93 Resp: 12876

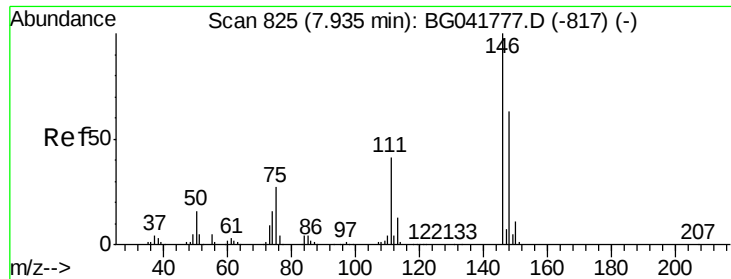
Ion Ratio Lower Upper

93 100

63 87.8 70.4 110.4

95 32.4 12.8 52.8





#12

1,3-Dichlorobenzene

Concen: 2.796 ng

RT: 7.93 min Scan# 825

Delta R.T. 0.00 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

Instrument :

BNA\_G

ClientSampled :

TP-10

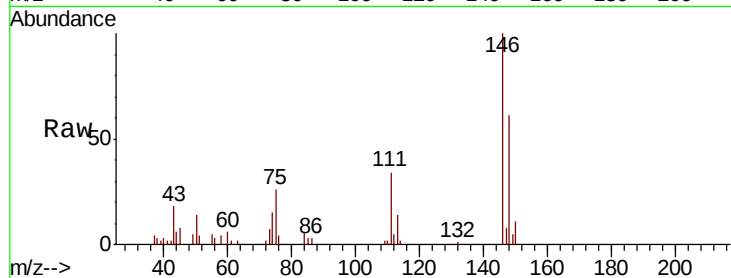
Tot Ion:146 Resp: 18186

Ion Ratio Lower Upper

146 100

148 60.6 51.5 77.3

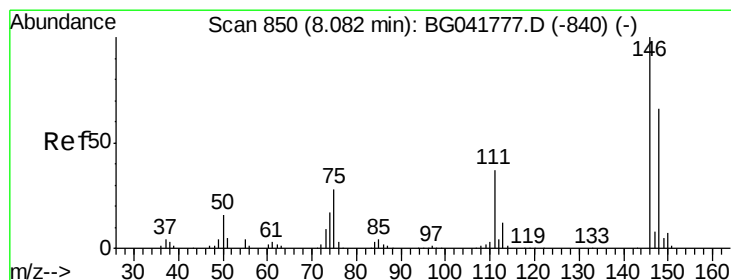
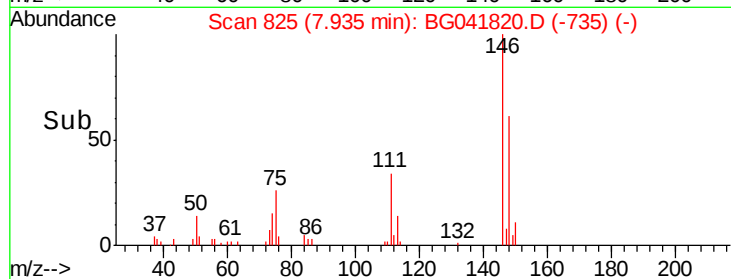
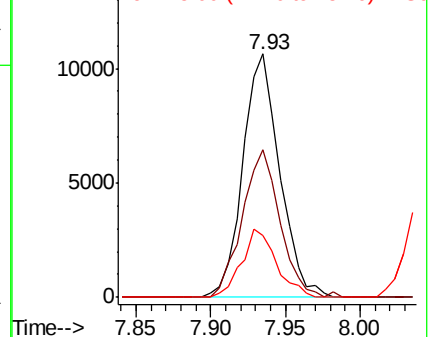
75 25.6 23.2 34.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BGC



#13

1,4-Dichlorobenzene

Concen: 2.738 ng

RT: 8.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

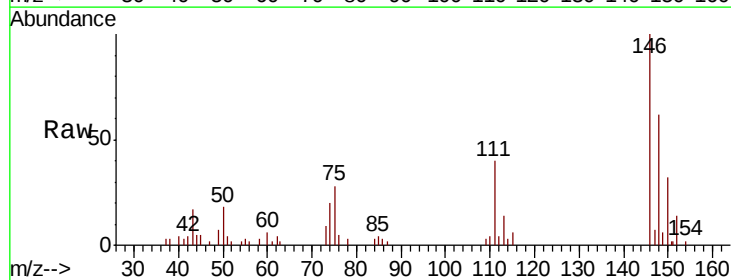
Tgt Ion:146 Resp: 17816

Ion Ratio Lower Upper

146 100

148 61.9 52.6 79.0

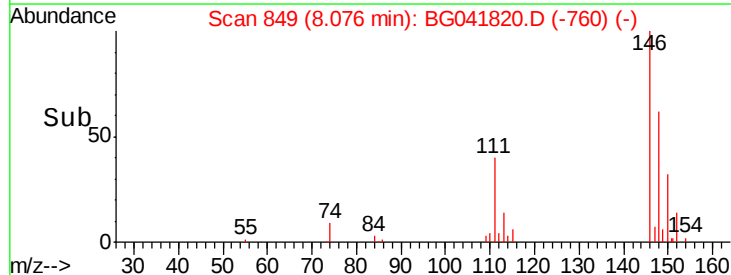
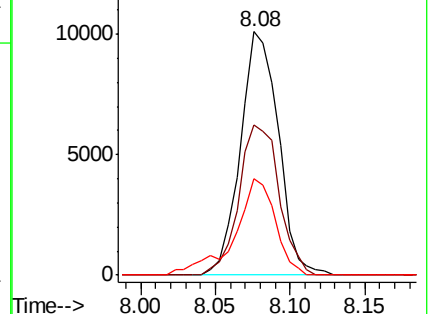
111 39.6 32.5 48.7

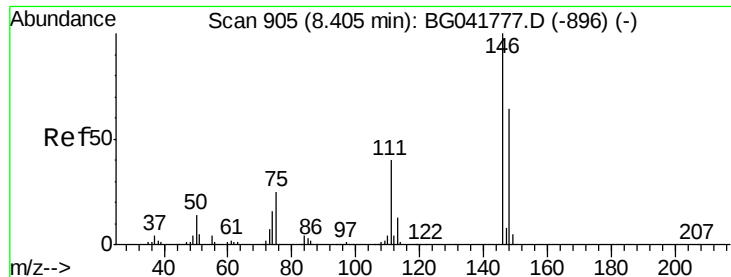


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 2.719 ng

RT: 8.41 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

Instrument :

BNA\_G

ClientSampleId :

TP-10

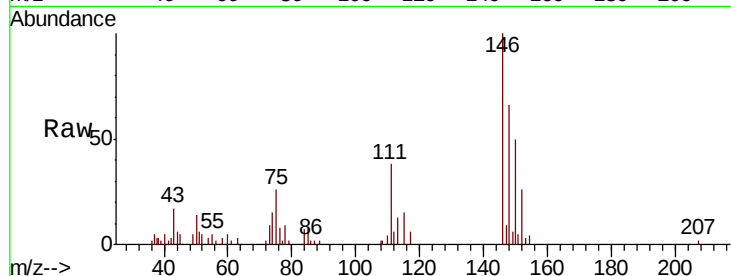
Tot Ion:146 Resp: 16880

Ion Ratio Lower Upper

146 100

148 65.6 53.5 80.3

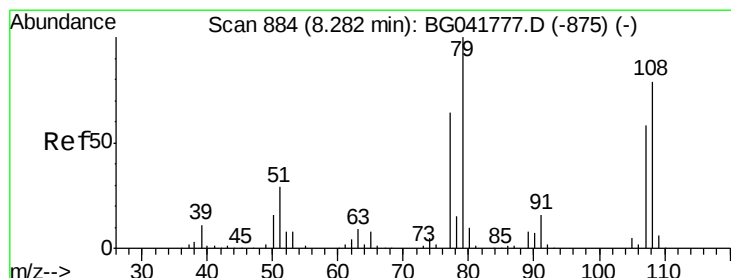
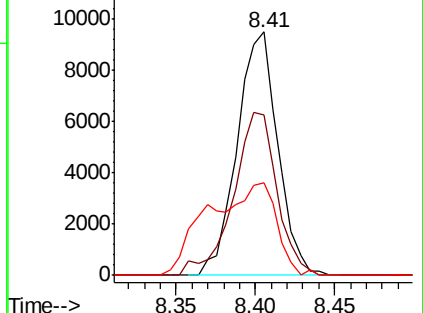
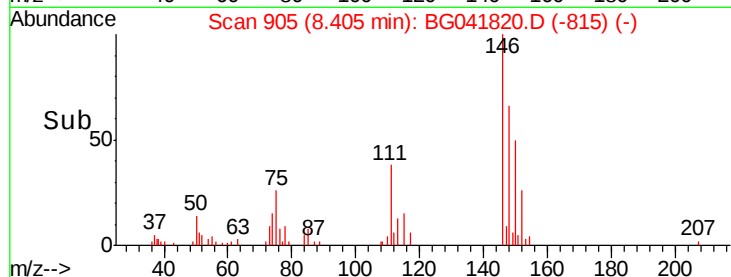
111 38.2 35.4 53.0



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: 2.259 ng

RT: 8.28 min Scan# 884

Delta R.T. 0.00 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

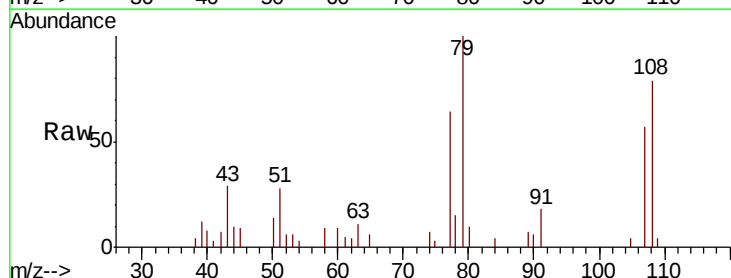
Tgt Ion: 79 Resp: 10424

Ion Ratio Lower Upper

79 100

108 79.0 60.5 90.7

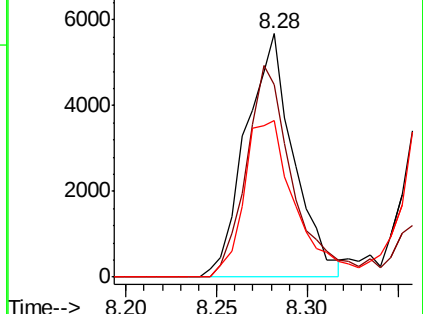
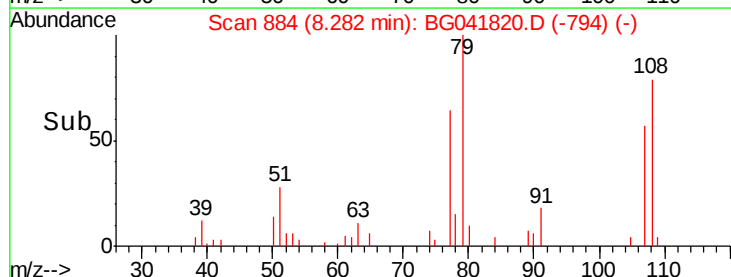
77 64.3 50.6 75.8

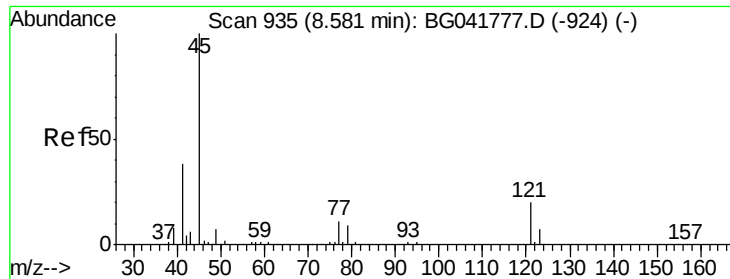


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

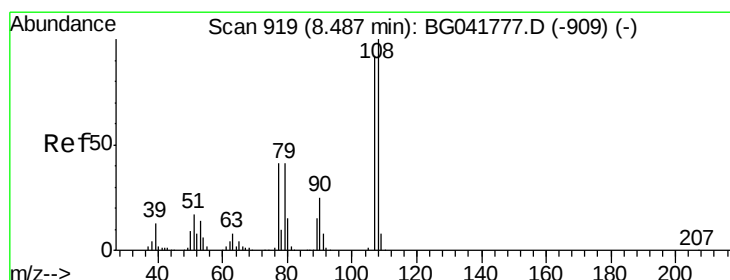
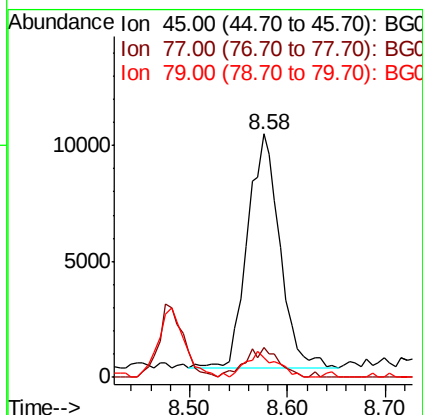
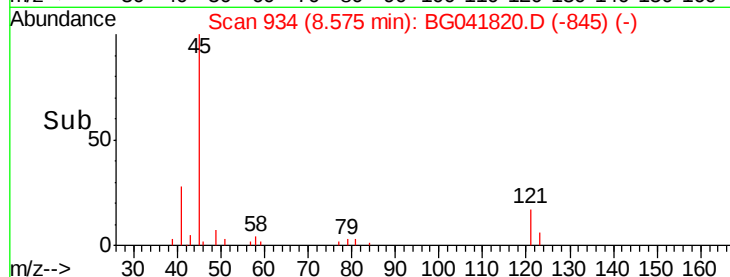
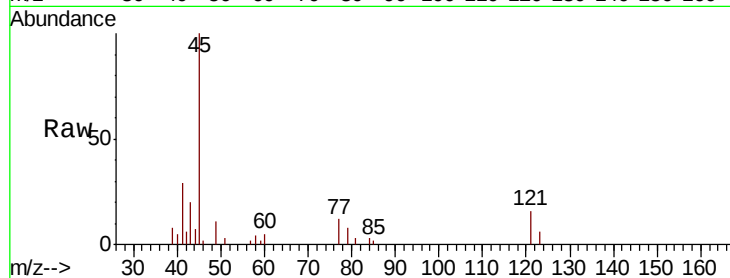




#16  
2,2'-oxvbis(1-Chloropropane)  
Concen: 2.647 ng  
RT: 8.58 min Scan# 934  
Delta R.T. -0.01 min  
Lab File: BG041820.D  
Acq: 31 Jul 2019 2:58

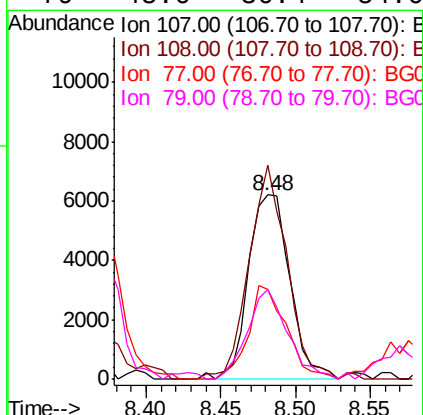
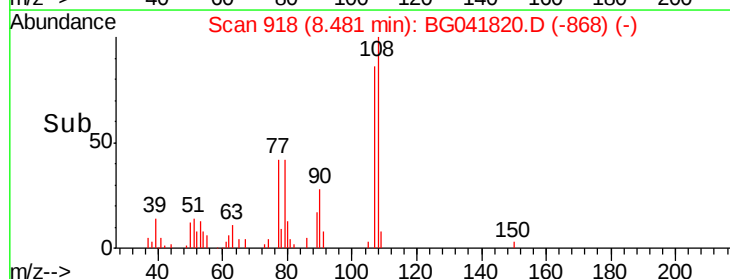
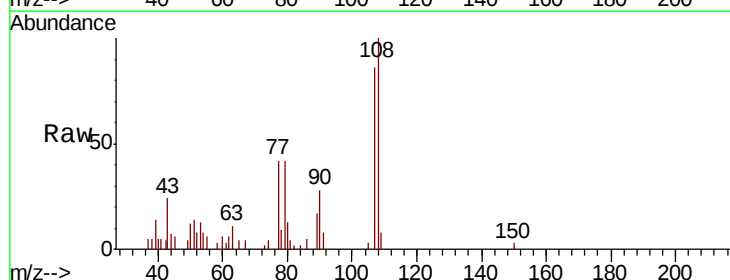
Instrument :  
BNA\_G  
ClientSampleId :  
TP-10

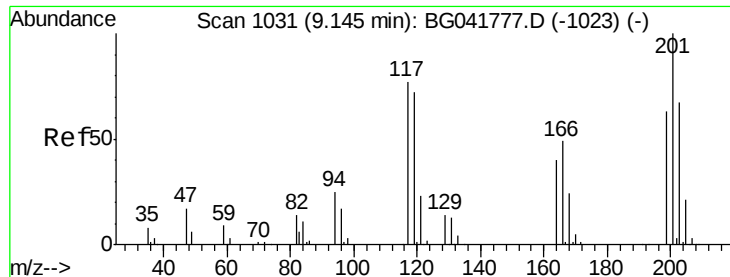
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 12.1  | 0.0   | 30.4  |
| 79      | 7.9   | 0.0   | 27.9  |



#17  
2-Methylphenol  
Concen: 2.685 ng  
RT: 8.48 min Scan# 918  
Delta R.T. -0.01 min  
Lab File: BG041820.D  
Acq: 31 Jul 2019 2:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 116.3 | 87.6  | 131.4 |
| 77      | 48.6  | 36.1  | 54.1  |
| 79      | 48.6  | 36.4  | 54.6  |

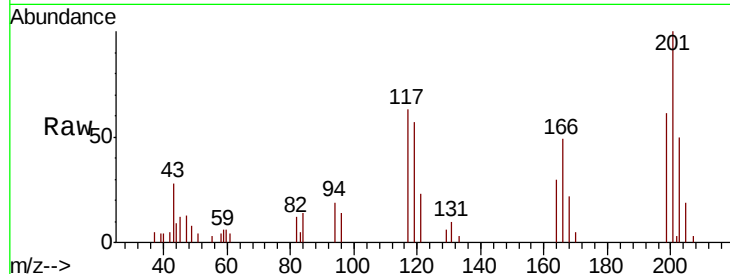




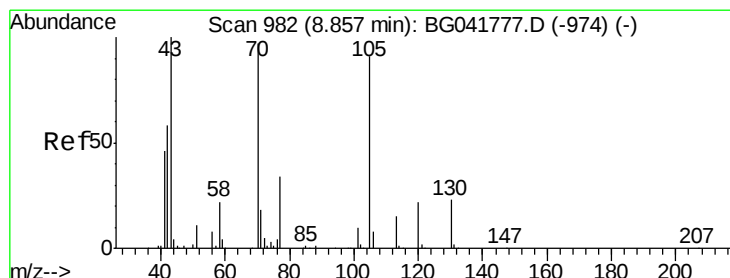
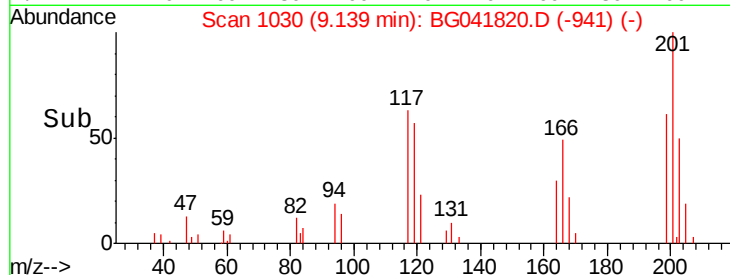
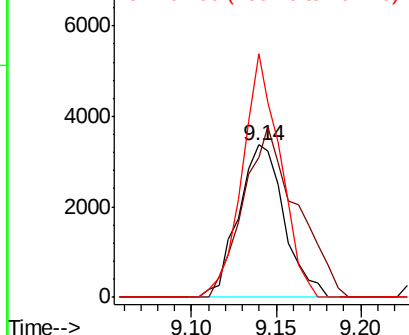
#18  
Hexachloroethane  
Concen: 2.853 ng  
RT: 9.14 min Scan# 1030  
Delta R.T. -0.01 min  
Lab File: BG041820.D  
Acq: 31 Jul 2019 2:58

Instrument :  
BNA\_G  
ClientSampleId :  
TP-10

Tot Ion:117 Resp: 6358  
Ion Ratio Lower Upper  
117 100  
119 91.8 76.2 114.2  
201 159.7 94.1 141.1#

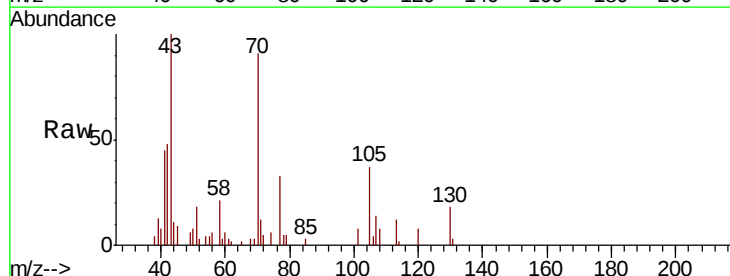


Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E

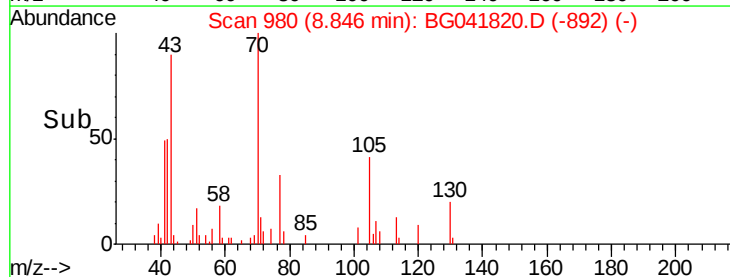
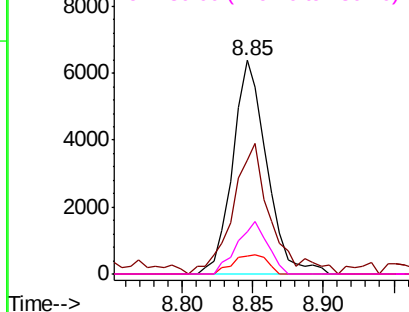


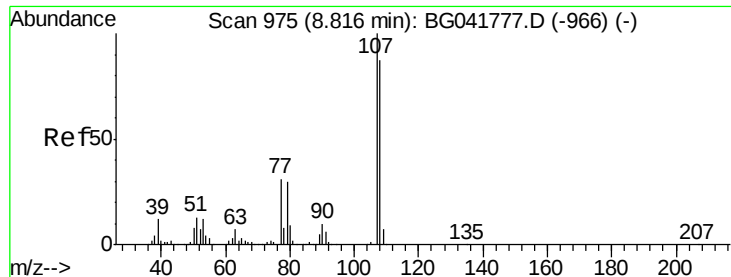
#19  
n-Nitroso-di-n-propylamine  
Concen: 2.524 ng  
RT: 8.85 min Scan# 980  
Delta R.T. -0.01 min  
Lab File: BG041820.D  
Acq: 31 Jul 2019 2:58

Tgt Ion: 70 Resp: 10748  
Ion Ratio Lower Upper  
70 100  
42 53.2 55.8 83.6#  
101 8.4 8.1 12.1  
130 19.8 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): E  
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 2.531 ng

RT: 8.80 min Scan# 973

Delta R.T. -0.01 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

Instrument :

BNA\_G

ClientSampled :

TP-10

Tot Ion:107 Resp: 15374

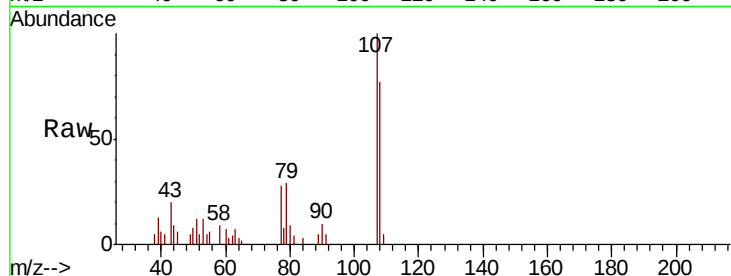
Ion Ratio Lower Upper

107 100

108 76.6 67.5 107.5

77 27.9 12.3 52.3

79 28.6 8.3 48.3

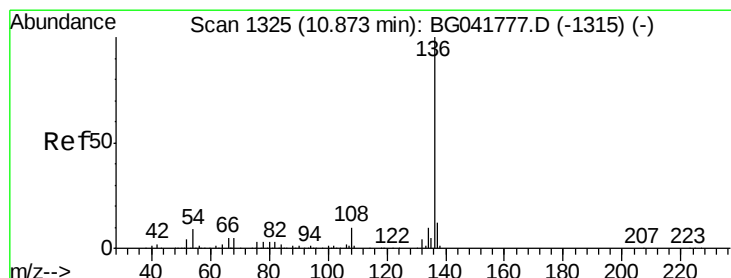
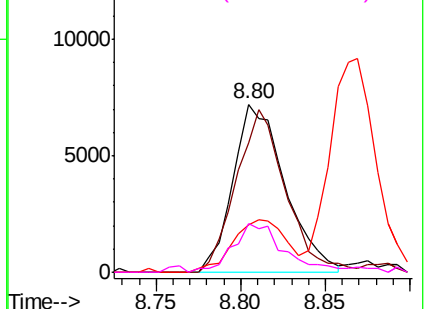
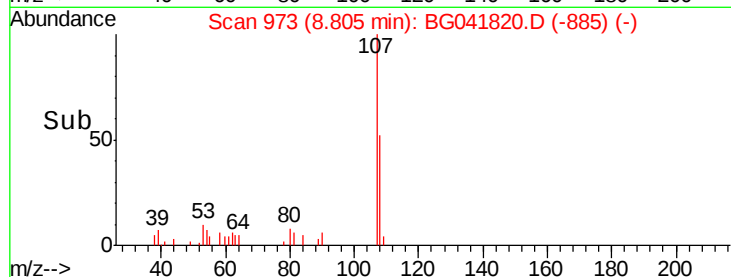


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

Tgt Ion:136 Resp: 320485

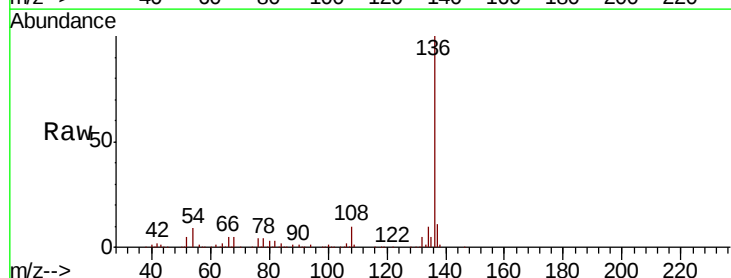
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 9.2 8.7 13.1

68 5.4 5.5 8.3#

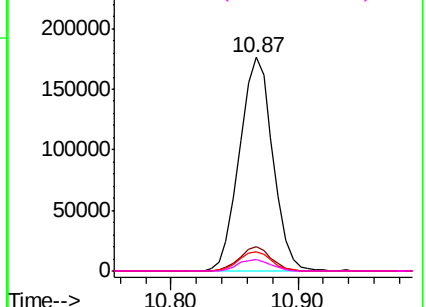
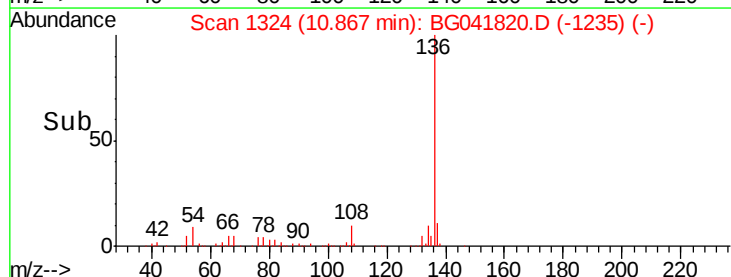


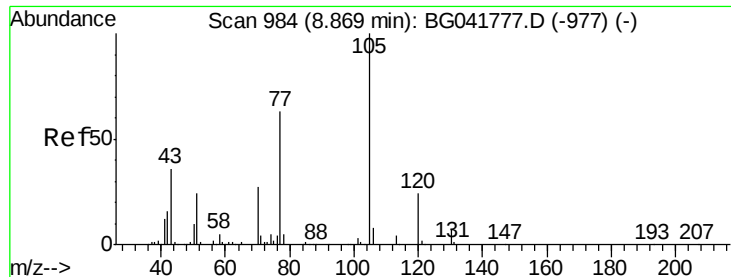
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG

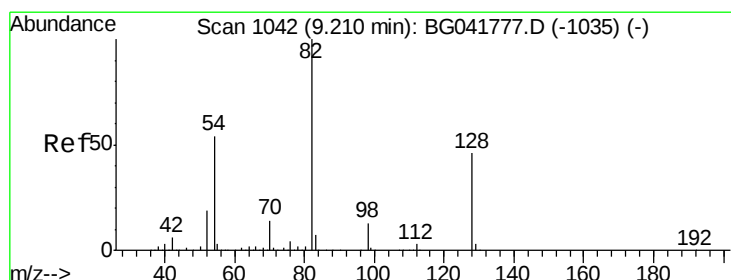
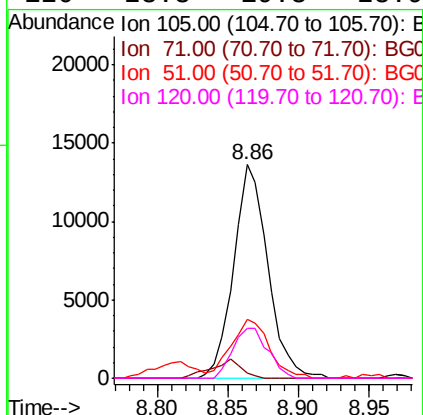
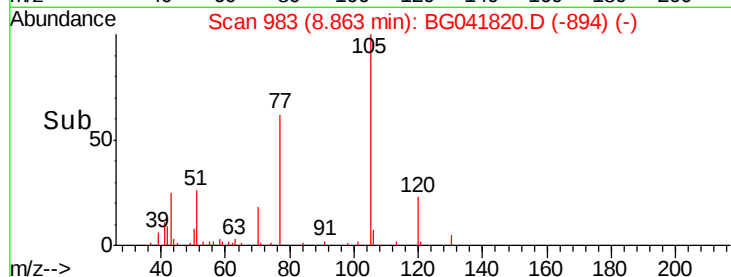
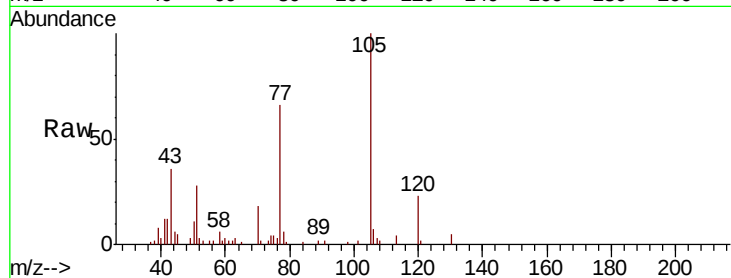




#22  
Acetophenone  
Concen: 3.210 ng  
RT: 8.86 min Scan# 983  
Delta R.T. -0.01 min  
Lab File: BG041820.D  
Acq: 31 Jul 2019 2:58

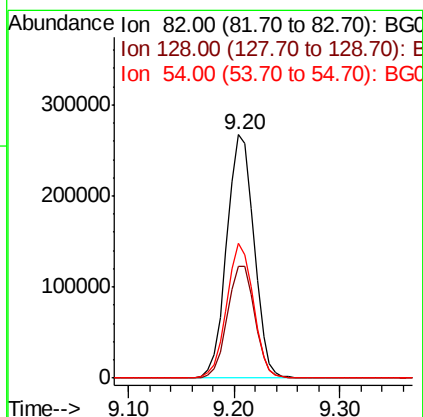
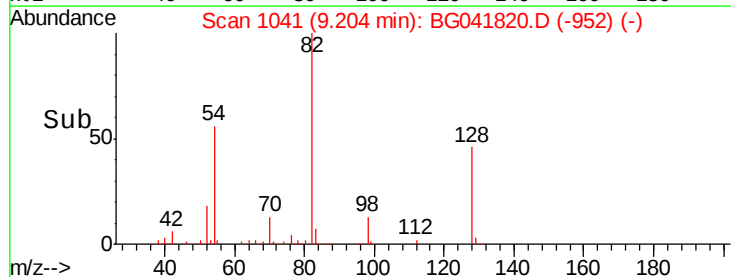
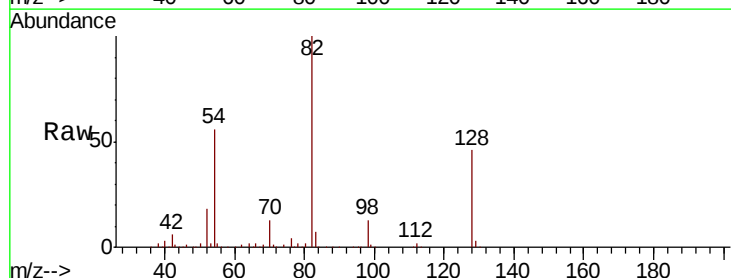
Instrument :  
BNA\_G  
ClientSampleId :  
TP-10

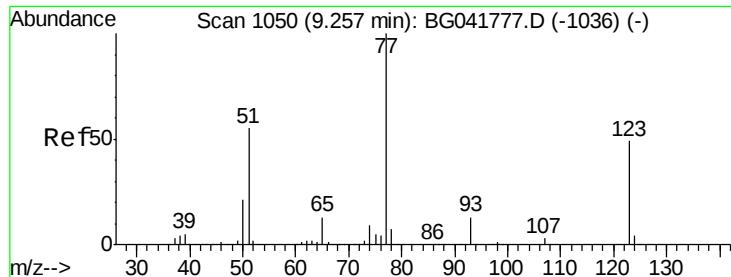
Tot Ion:105 Resp: 23012  
Ion Ratio Lower Upper  
105 100  
71 2.2 5.9 8.9#  
51 27.7 27.7 41.5  
120 23.3 19.3 28.9



#23  
Nitrobenzene-d5  
Concen: 101.702 ng  
RT: 9.20 min Scan# 1041  
Delta R.T. -0.01 min  
Lab File: BG041820.D  
Acq: 31 Jul 2019 2:58

Tgt Ion: 82 Resp: 473639  
Ion Ratio Lower Upper  
82 100  
128 46.0 35.1 52.7  
54 55.6 48.7 73.1





#24

Nitrobenzene

Concen: 3.270 ng

RT: 9.25 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

Instrument :

BNA\_G

ClientSampleId :

TP-10

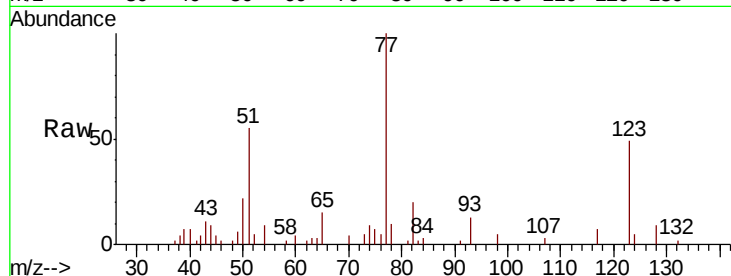
Tot Ion: 77 Resp: 16042

Ion Ratio Lower Upper

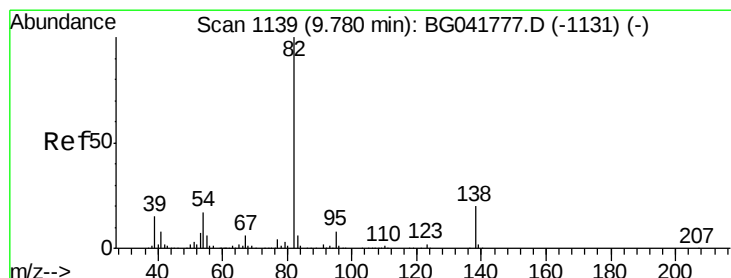
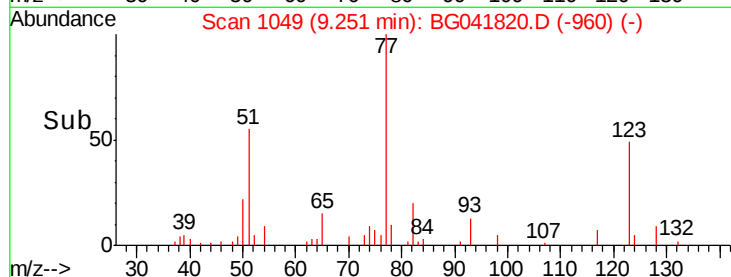
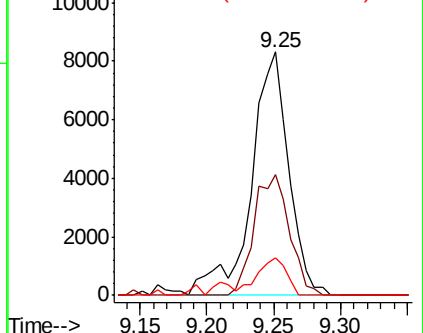
77 100

123 49.5 38.1 57.1

65 15.5 11.0 16.6



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



#25

Isophorone

Concen: 2.767 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

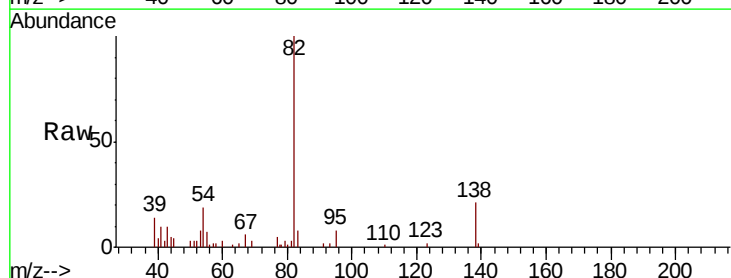
Tgt Ion: 82 Resp: 28037

Ion Ratio Lower Upper

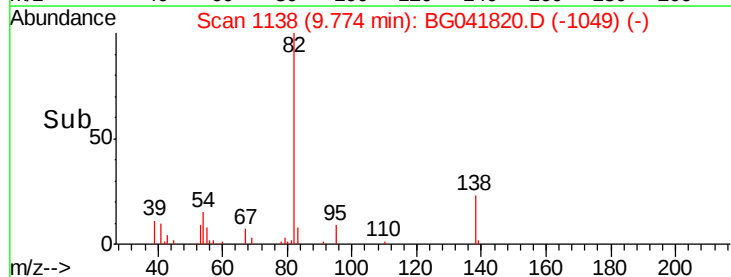
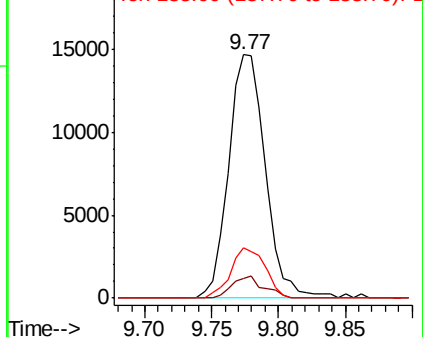
82 100

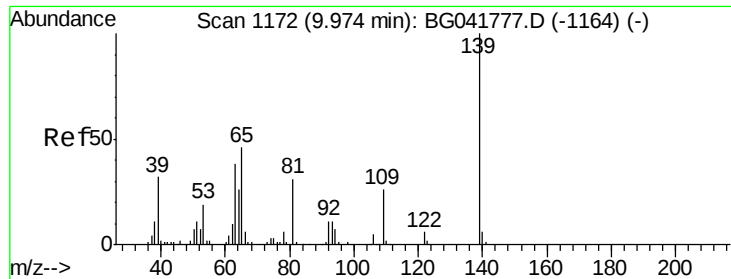
95 8.3 5.9 8.9

138 20.5 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

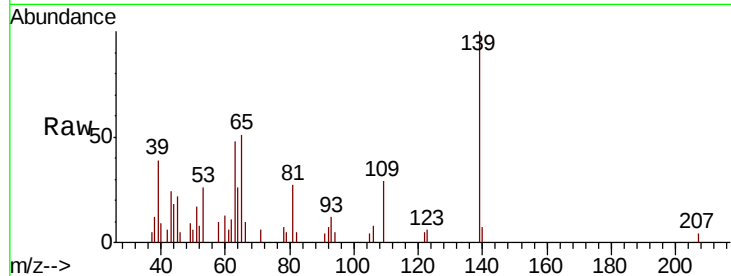




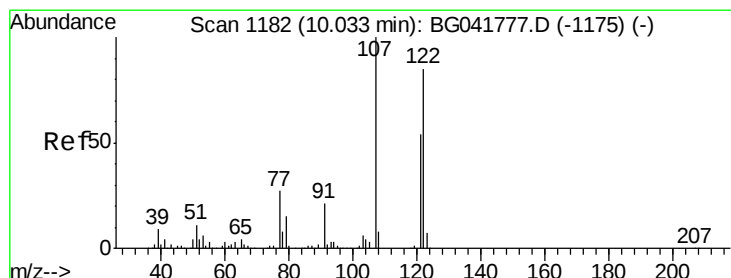
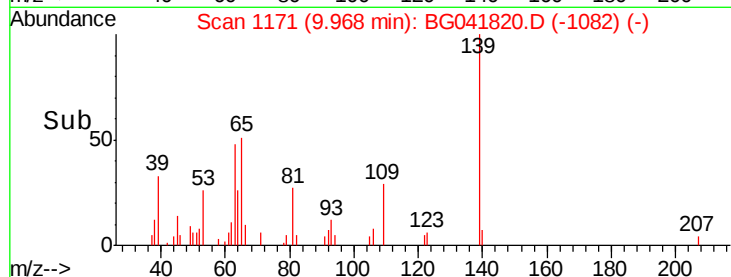
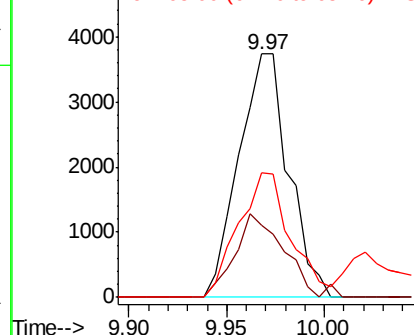
#26  
2-Nitrophenol  
Concen: 2.897 ng  
RT: 9.97 min Scan# 1171  
Delta R.T. -0.01 min  
Lab File: BG041820.D  
Acq: 31 Jul 2019 2:58

Instrument :  
BNA\_G  
ClientSampled :  
TP-10

Tot Ion:139 Resp: 6596  
Ion Ratio Lower Upper  
139 100  
109 29.5 22.7 34.1  
65 50.9 41.1 61.7

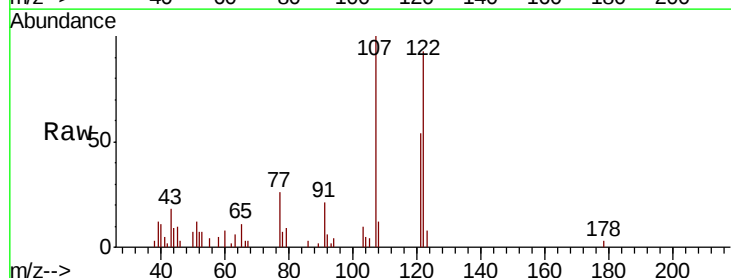


Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): B

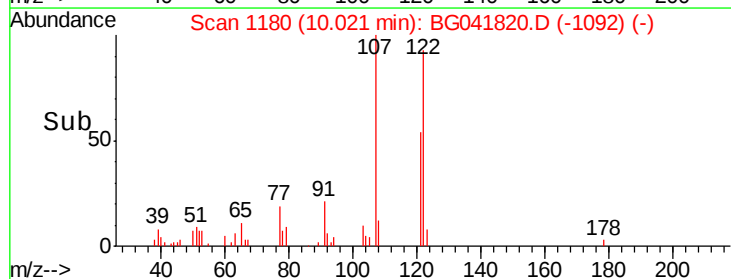
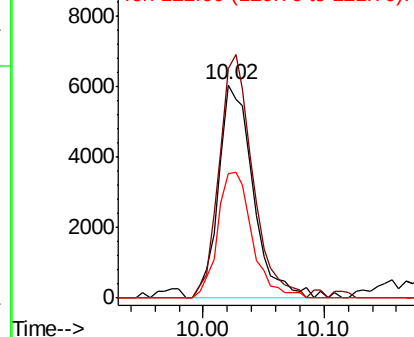


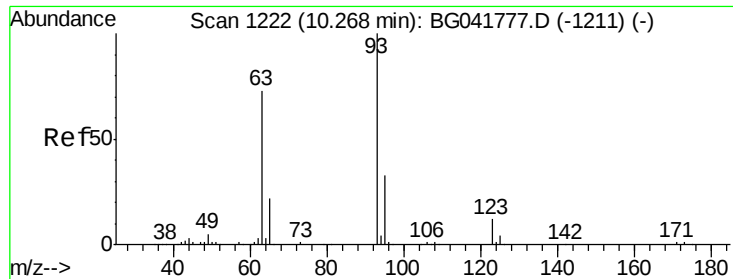
#27  
2,4-Dimethylphenol  
Concen: 2.989 ng  
RT: 10.02 min Scan# 1180  
Delta R.T. -0.01 min  
Lab File: BG041820.D  
Acq: 31 Jul 2019 2:58

Tgt Ion:122 Resp: 12014  
Ion Ratio Lower Upper  
122 100  
107 107.7 91.3 136.9  
121 58.6 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

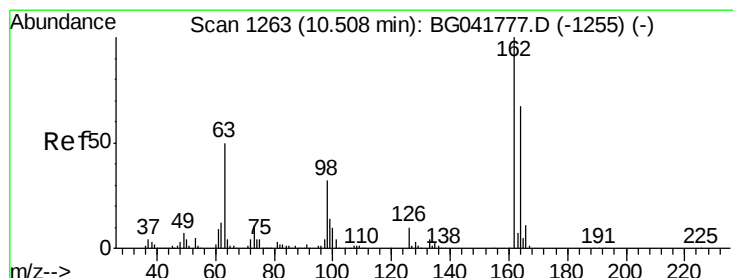
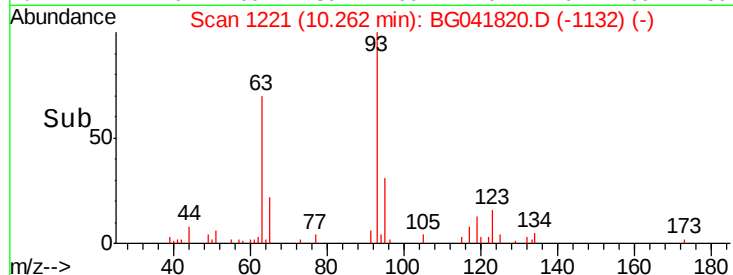
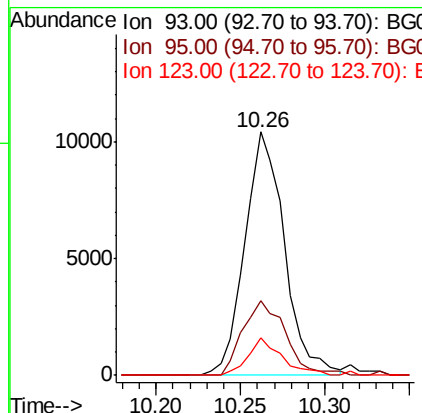
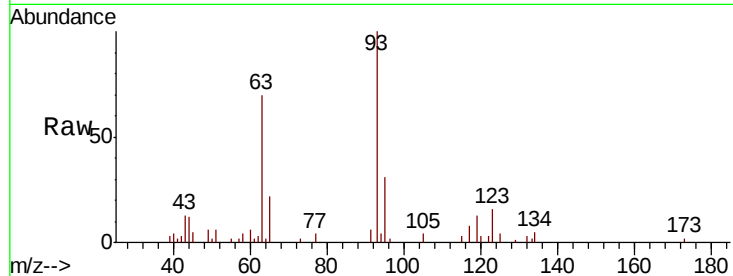




#28  
 bis(2-Chloroethoxy)methane  
 Concen: 2.685 ng  
 RT: 10.26 min Scan# 1221  
 Delta R.T. -0.01 min  
 Lab File: BG041820.D  
 Acq: 31 Jul 2019 2:58

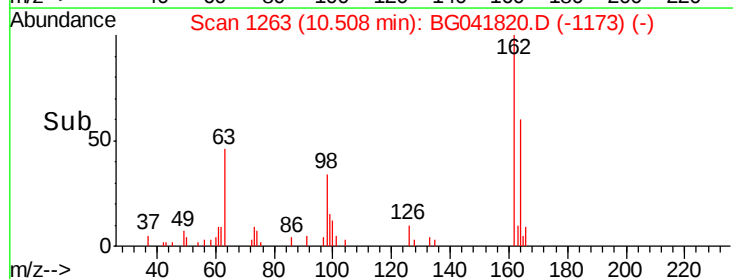
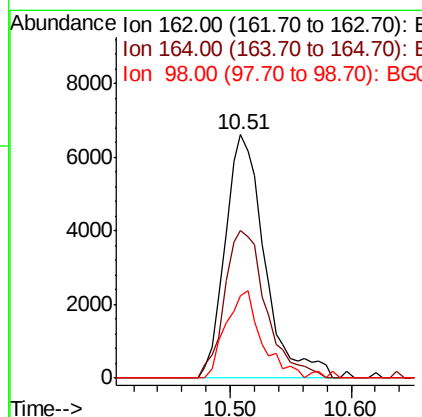
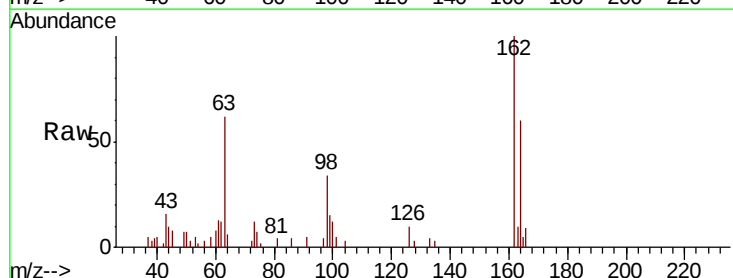
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-10

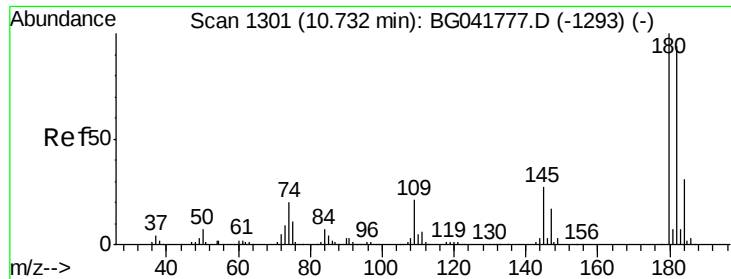
| Tot Ion   | 93    | Resp  | 16998 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 95        | 30.9  | 26.2  | 39.4  |
| 123       | 15.5  | 9.9   | 14.9# |



#29  
 2,4-Dichlorophenol  
 Concen: 3.066 ng  
 RT: 10.51 min Scan# 1263  
 Delta R.T. 0.00 min  
 Lab File: BG041820.D  
 Acq: 31 Jul 2019 2:58

| Tgt Ion   | 162   | Resp  | 15006 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 162       | 100   |       |       |
| 164       | 60.4  | 46.1  | 86.1  |
| 98        | 34.0  | 14.7  | 54.7  |

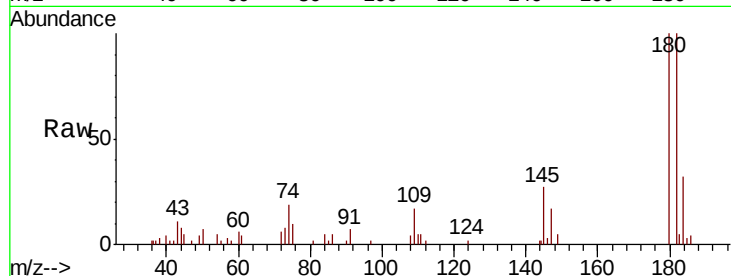




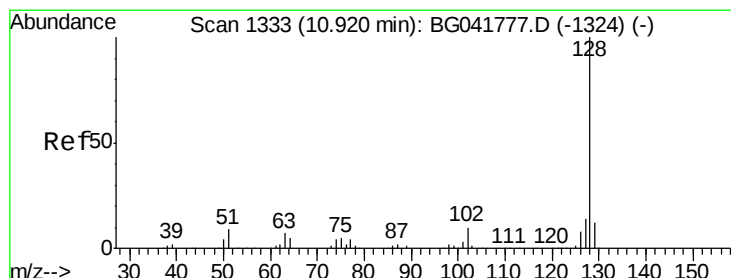
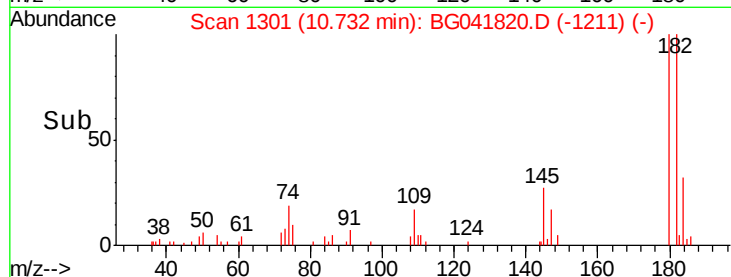
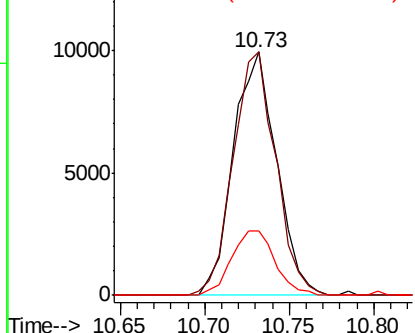
#30  
 1,2,4-Trichlorobenzene  
 Concen: 2.843 ng  
 RT: 10.73 min Scan# 1301  
 Delta R.T. 0.00 min  
 Lab File: BG041820.D  
 Acq: 31 Jul 2019 2:58

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-10

Tot Ion:180 Resp: 17645  
 Ion Ratio Lower Upper  
 180 100  
 182 99.8 76.2 114.2  
 145 26.6 23.8 35.8

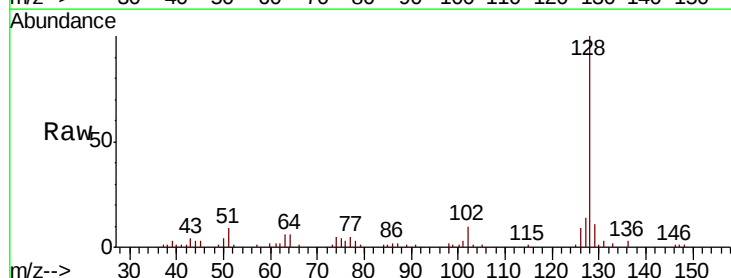


Abundance Ion 180.00 (179.70 to 180.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 145.00 (144.70 to 145.70): E

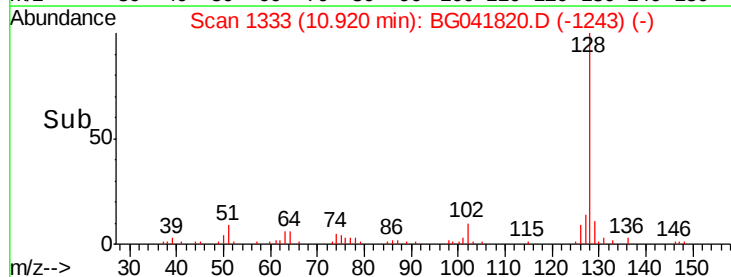
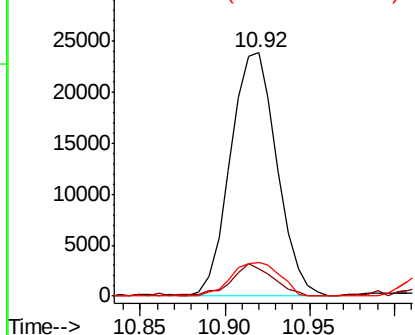


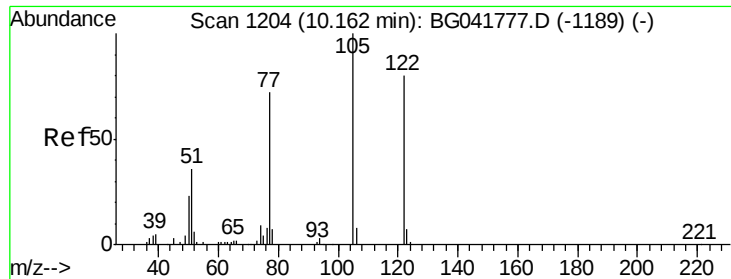
#31  
 Naphthalene  
 Concen: 3.108 ng  
 RT: 10.92 min Scan# 1333  
 Delta R.T. 0.00 min  
 Lab File: BG041820.D  
 Acq: 31 Jul 2019 2:58

Tgt Ion:128 Resp: 45590  
 Ion Ratio Lower Upper  
 128 100  
 129 11.3 10.0 15.0  
 127 13.9 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

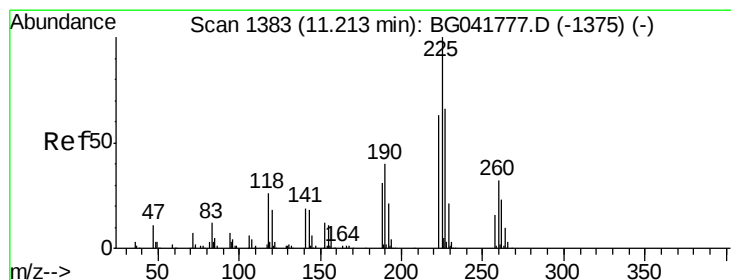
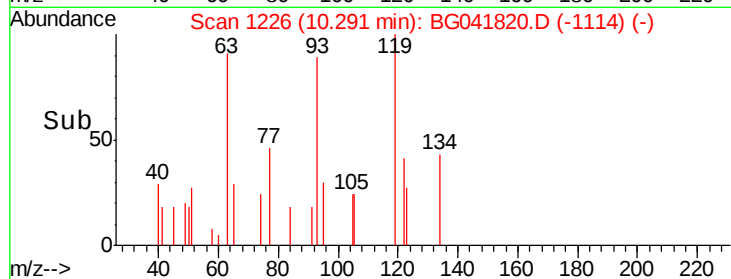
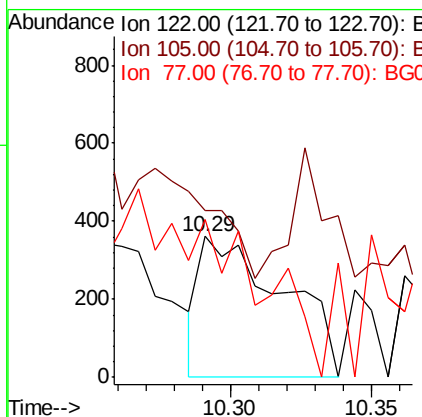
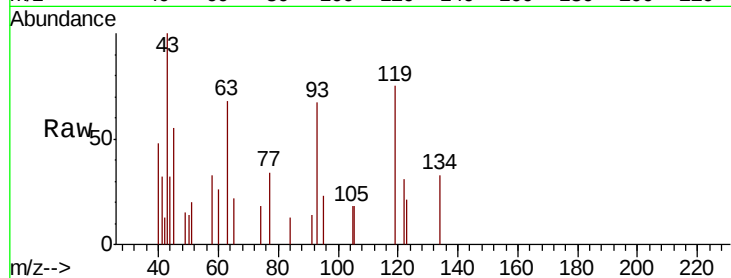




#32  
Benzoic acid  
Concen: 8.938 ng  
RT: 10.29 min Scan# 1226  
Delta R.T. 0.13 min  
Lab File: BG041820.D  
Acq: 31 Jul 2019 2:58

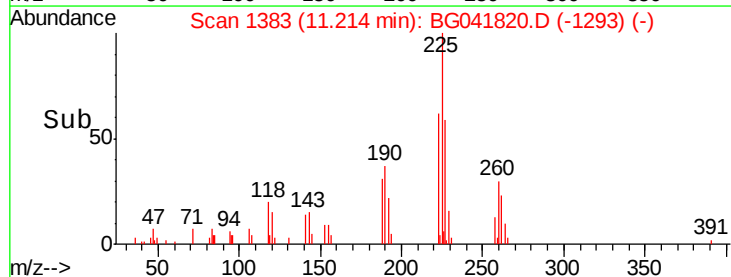
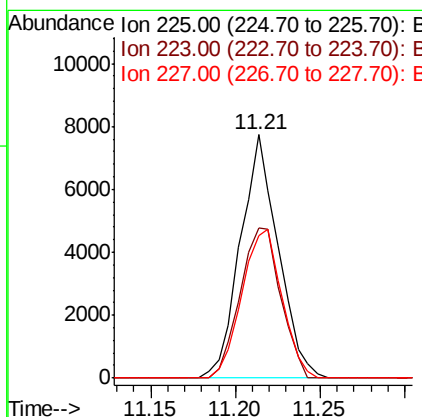
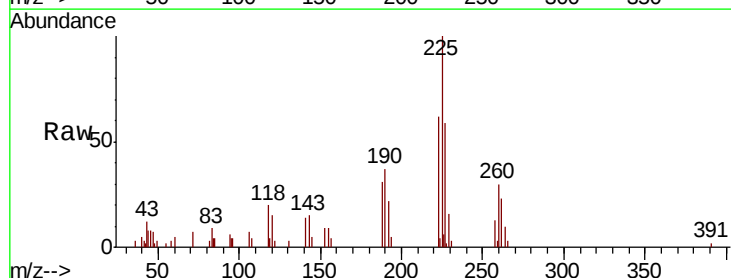
Instrument :  
BNA\_G  
ClientSampleId :  
TP-10

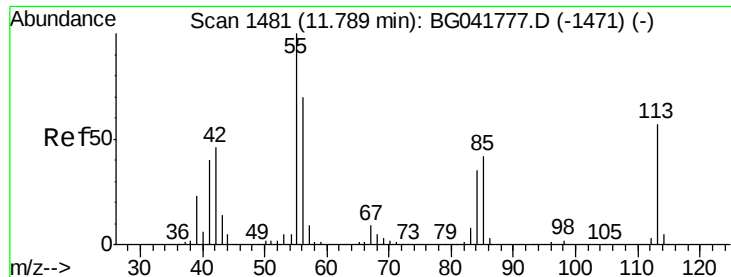
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 118.8 | 101.5 | 141.5 |
| 77      | 112.2 | 73.0  | 113.0 |



#34  
Hexachlorobutadiene  
Concen: 2.875 ng  
RT: 11.21 min Scan# 1383  
Delta R.T. 0.00 min  
Lab File: BG041820.D  
Acq: 31 Jul 2019 2:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.9  | 51.1  | 76.7  |
| 227     | 57.5  | 50.9  | 76.3  |

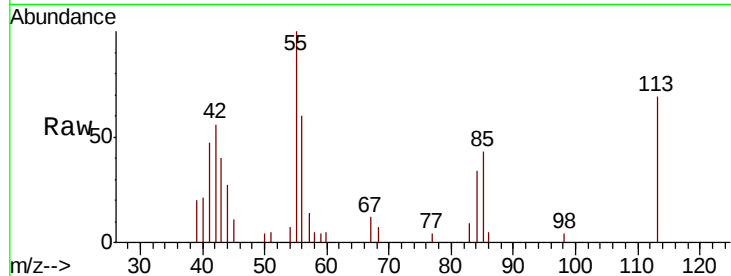




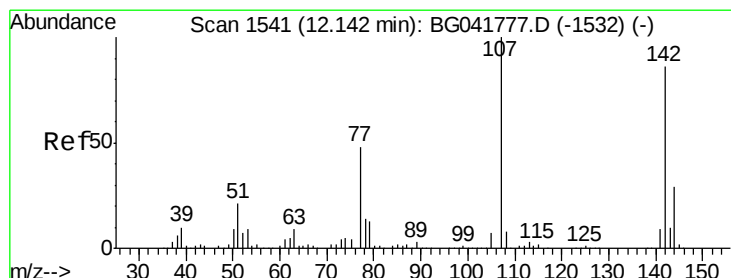
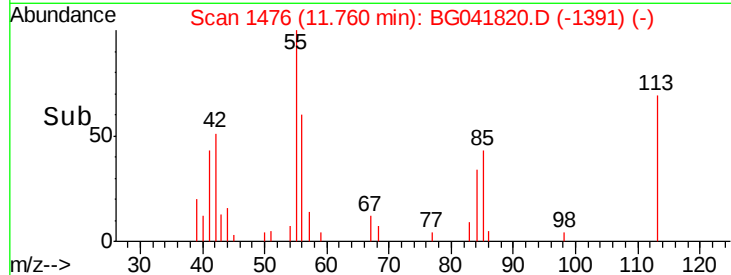
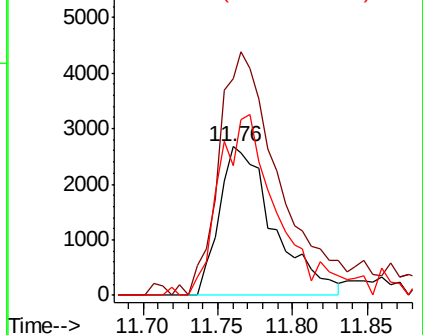
#35  
Caprolactam  
Concen: 4.029 ng  
RT: 11.76 min Scan# 1476  
Delta R.T. -0.03 min  
Lab File: BG041820.D  
Acq: 31 Jul 2019 2:58

Instrument :  
BNA\_G  
ClientSampleId :  
TP-10

Tot Ion:113 Resp: 6852  
Ion Ratio Lower Upper  
113 100  
55 145.7 199.4 239.4#  
56 87.8 133.6 173.6#

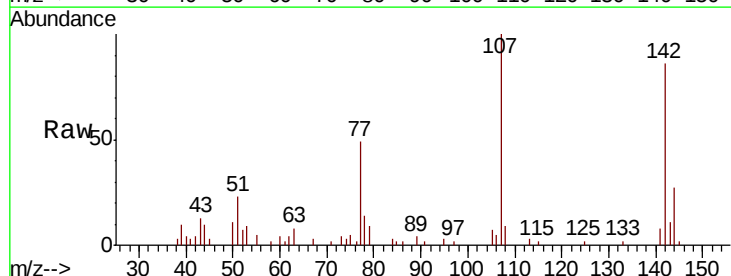


Abundance Ion 113.00 (112.70 to 113.70): E  
Ion 55.00 (54.70 to 55.70): BG  
Ion 56.00 (55.70 to 56.70): BG

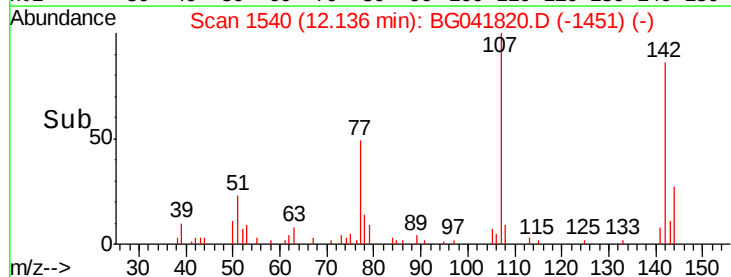
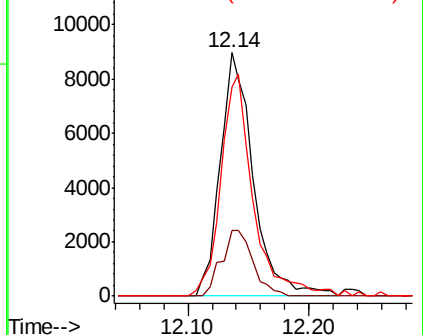


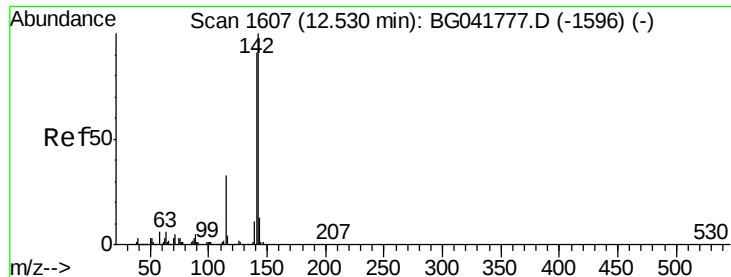
#36  
4-Chloro-3-methylphenol  
Concen: 3.509 ng  
RT: 12.14 min Scan# 1540  
Delta R.T. -0.01 min  
Lab File: BG041820.D  
Acq: 31 Jul 2019 2:58

Tgt Ion:107 Resp: 17027  
Ion Ratio Lower Upper  
107 100  
144 26.8 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

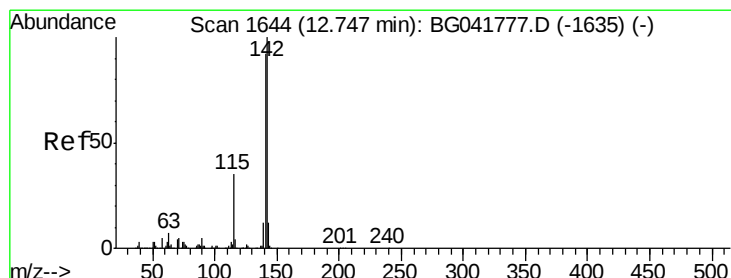
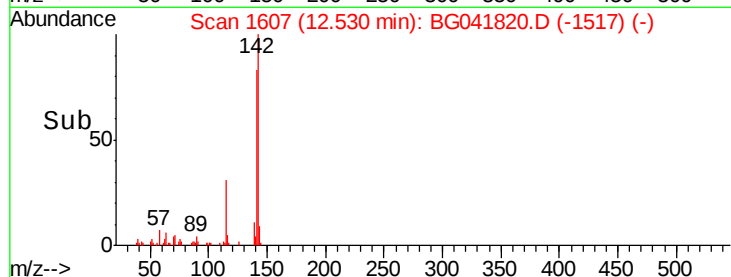
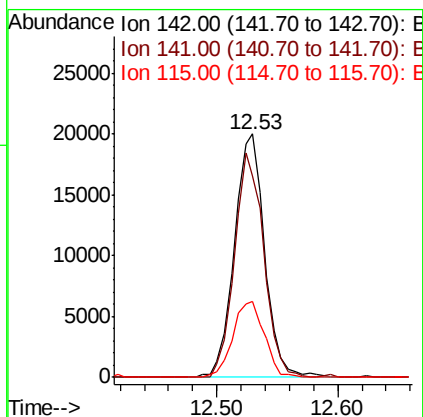
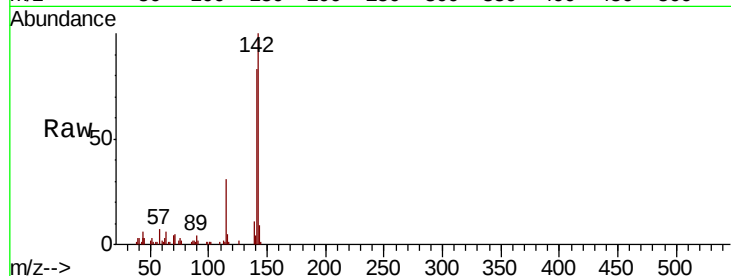




#37  
2-Methylnaphthalene  
Concen: 2.997 ng  
RT: 12.53 min Scan# 1607  
Delta R.T. 0.00 min  
Lab File: BG041820.D  
Acq: 31 Jul 2019 2:58

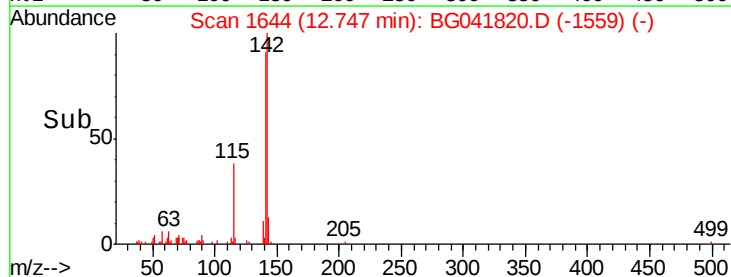
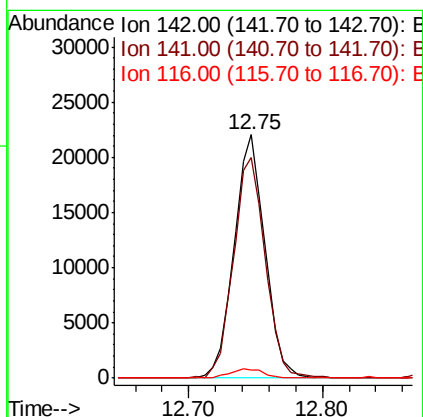
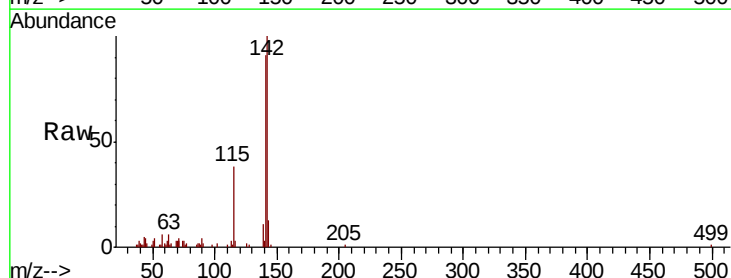
Instrument :  
BNA\_G  
ClientSampled :  
TP-10

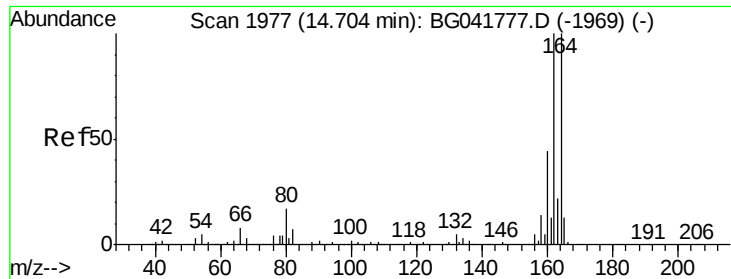
Tot Ion:142 Resp: 34792  
Ion Ratio Lower Upper  
142 100  
141 82.8 72.7 109.1  
115 31.0 27.0 40.4



#38  
1-Methylnaphthalene  
Concen: 3.200 ng  
RT: 12.75 min Scan# 1644  
Delta R.T. 0.00 min  
Lab File: BG041820.D  
Acq: 31 Jul 2019 2:58

Tgt Ion:142 Resp: 35211  
Ion Ratio Lower Upper  
142 100  
141 90.8 75.4 113.2  
116 3.5 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

Instrument :

BNA\_G

ClientSampleId :

TP-10

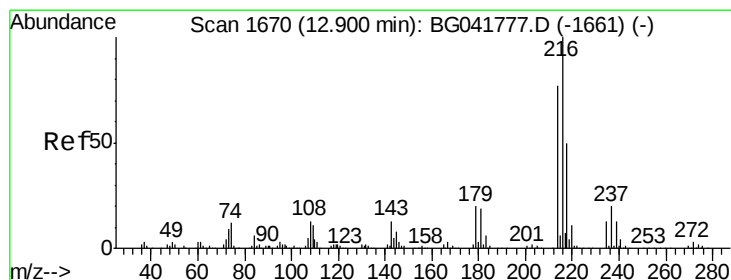
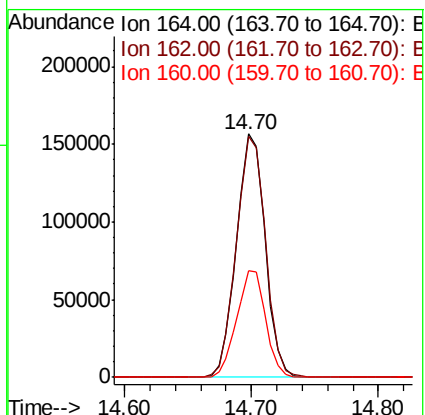
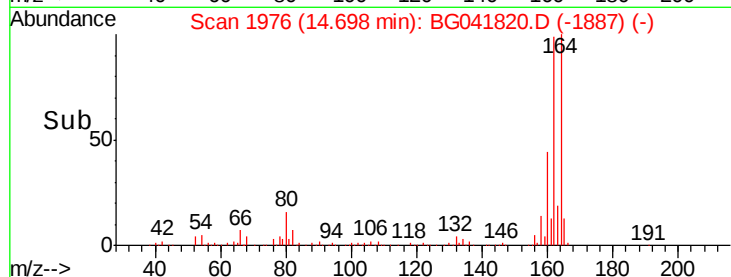
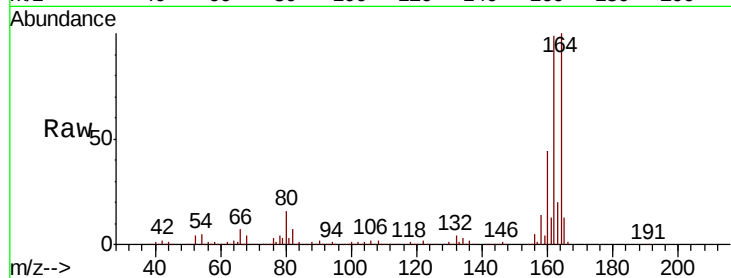
Tot Ion:164 Resp: 245455

Ion Ratio Lower Upper

164 100

162 99.1 79.6 119.4

160 43.6 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 2.984 ng

RT: 12.89 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

Tgt Ion:216 Resp: 23181

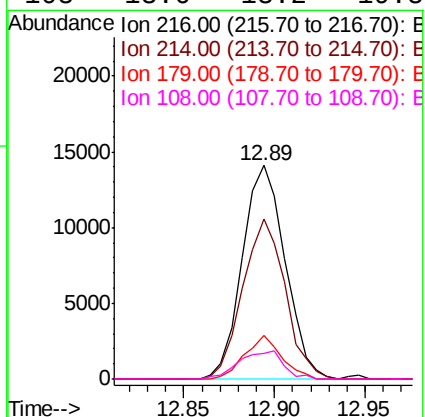
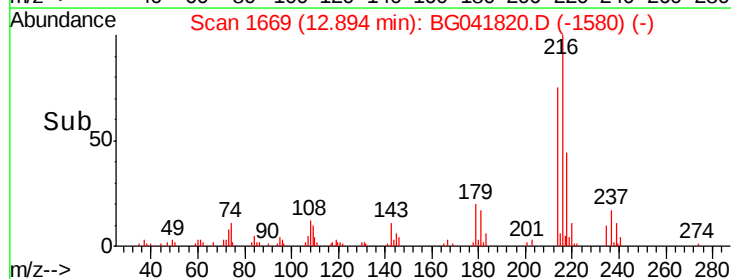
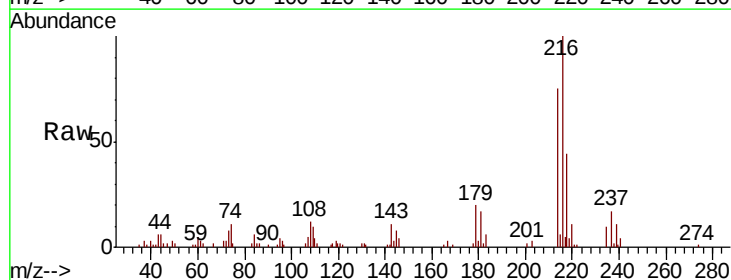
Ion Ratio Lower Upper

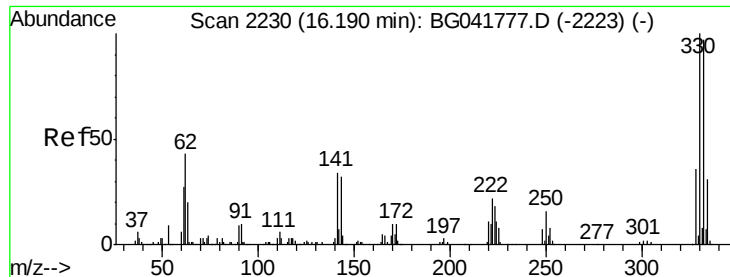
216 100

214 73.9 61.5 92.3

179 17.4 16.2 24.2

108 13.6 13.2 19.8

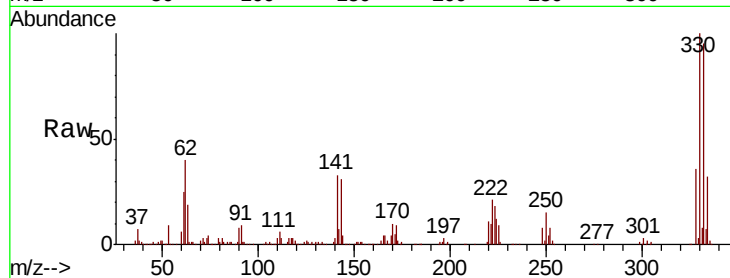




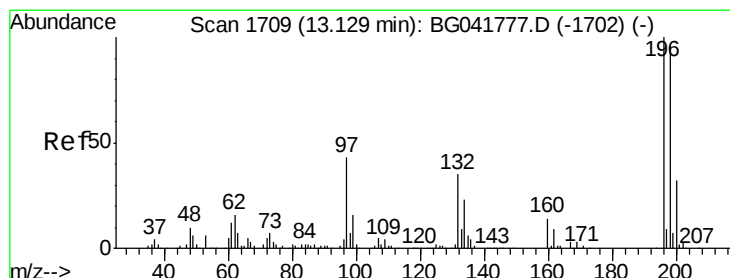
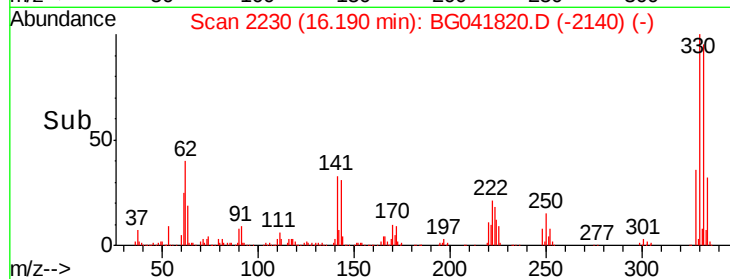
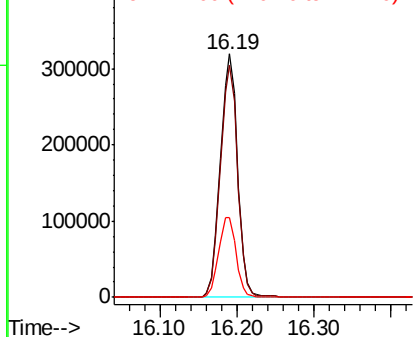
#42  
 2,4,6-Tribromophenol  
 Concen: 177.391 ng  
 RT: 16.19 min Scan# 2230  
 Delta R.T. 0.00 min  
 Lab File: BG041820.D  
 Acq: 31 Jul 2019 2:58

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-10

Tot Ion:330 Resp: 494573  
 Ion Ratio Lower Upper  
 330 100  
 332 96.0 77.4 116.0  
 141 33.2 31.9 47.9

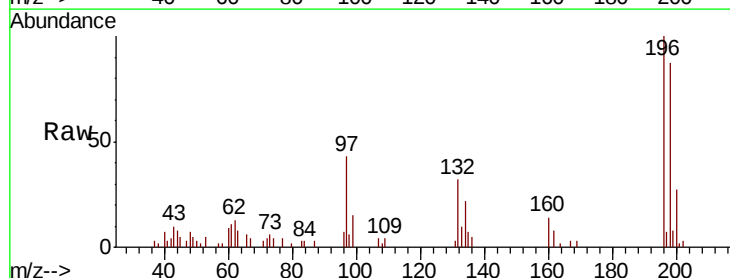


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

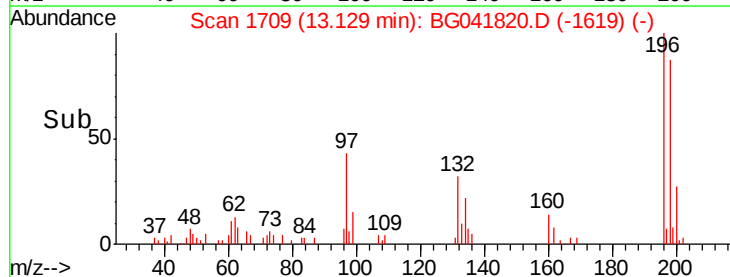
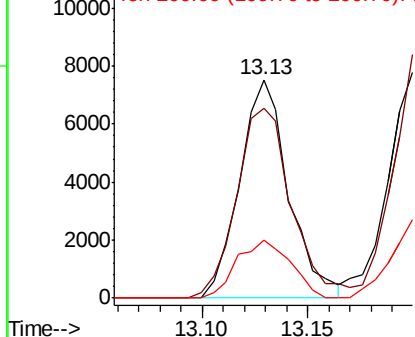


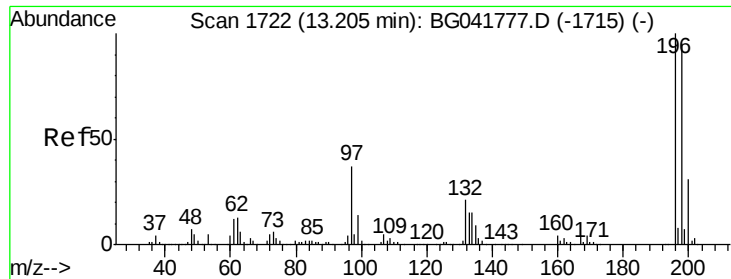
#43  
 2,4,6-Trichlorophenol  
 Concen: 2.466 ng  
 RT: 13.13 min Scan# 1709  
 Delta R.T. 0.00 min  
 Lab File: BG041820.D  
 Acq: 31 Jul 2019 2:58

Tgt Ion:196 Resp: 12111  
 Ion Ratio Lower Upper  
 196 100  
 198 87.3 79.6 119.4  
 200 26.7 25.2 37.8



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

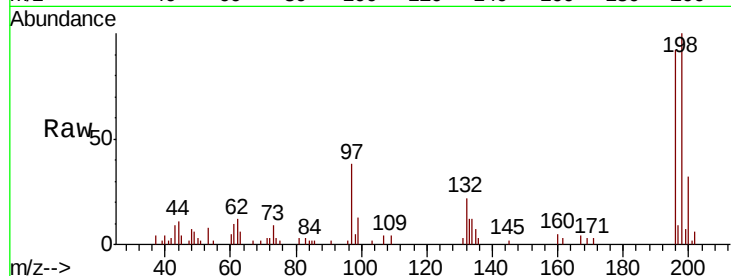




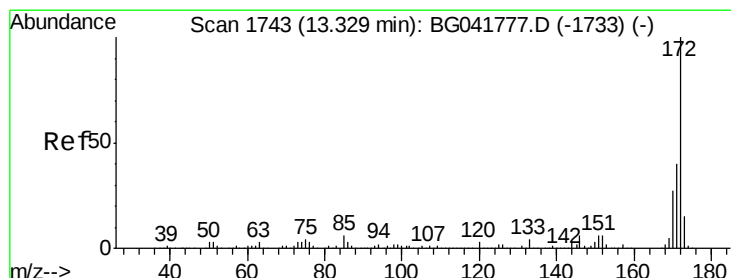
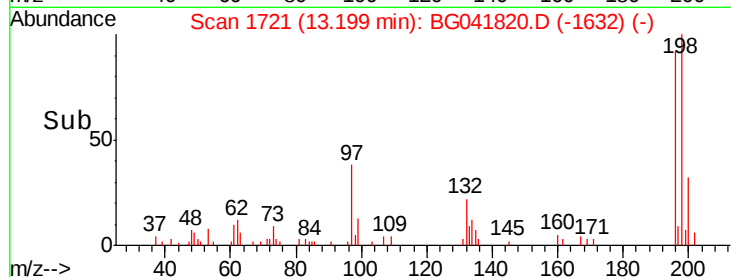
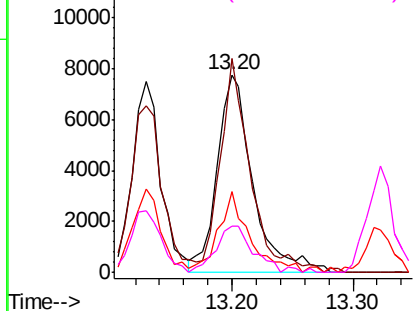
#44  
 2,4,5-Trichlorophenol  
 Concen: 3.087 ng  
 RT: 13.20 min Scan# 1721  
 Delta R.T. -0.01 min  
 Lab File: BG041820.D  
 Acq: 31 Jul 2019 2:58

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-10

Tot Ion:196 Resp: 15755  
 Ion Ratio Lower Upper  
 196 100  
 198 108.2 80.6 121.0  
 97 40.7 33.9 50.9  
 132 23.5 20.2 30.2

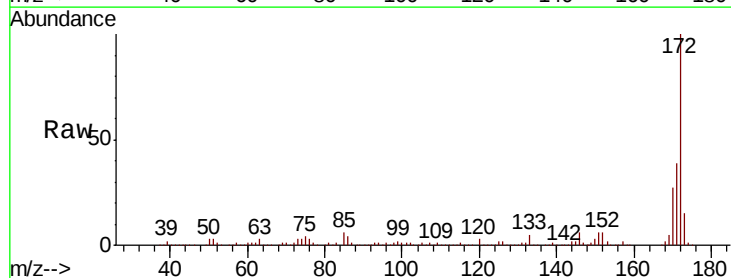


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BG  
 Ion 132.00 (131.70 to 132.70): E

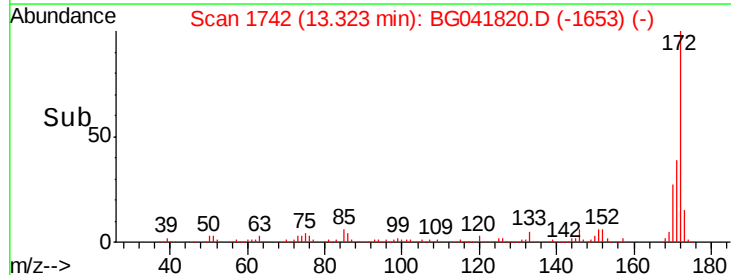
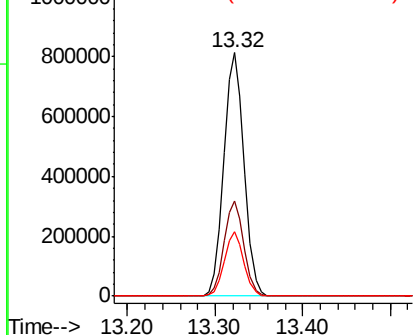


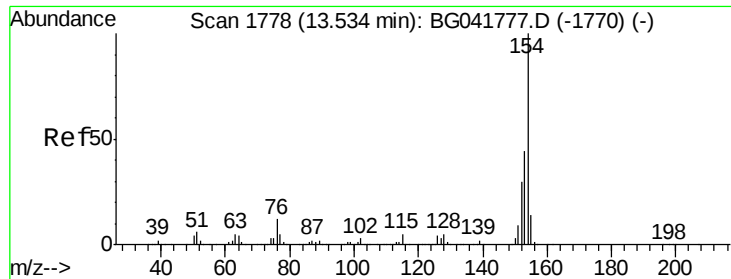
#45  
 2-Fluorobiphenyl  
 Concen: 92.830 ng  
 RT: 13.32 min Scan# 1742  
 Delta R.T. -0.01 min  
 Lab File: BG041820.D  
 Acq: 31 Jul 2019 2:58

Tgt Ion:172 Resp: 1291909  
 Ion Ratio Lower Upper  
 172 100  
 171 39.3 35.0 52.4  
 170 26.5 23.5 35.3



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

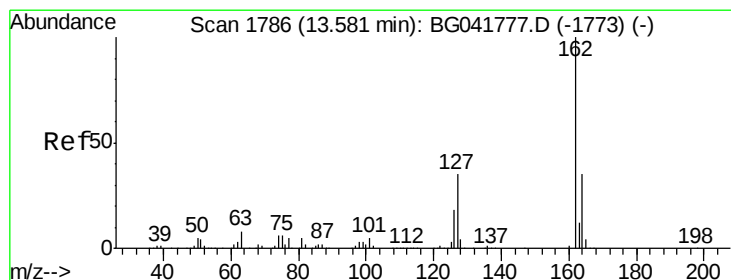
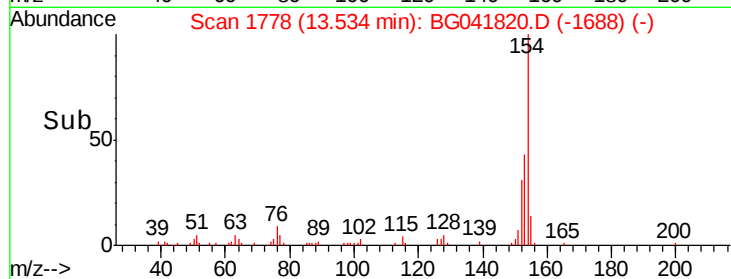
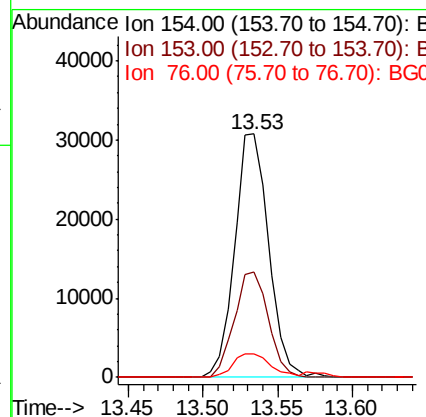
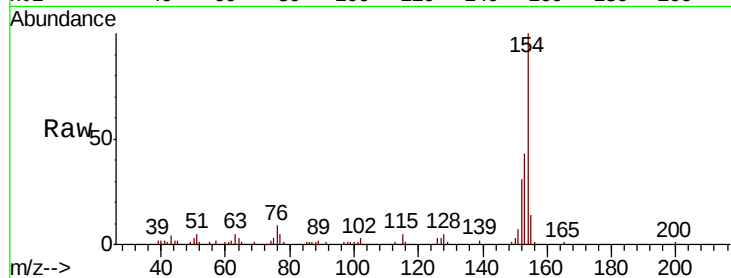




#46  
 1,1'-Biphenyl  
 Concen: 3.093 ng  
 RT: 13.53 min Scan# 1778  
 Delta R.T. 0.00 min  
 Lab File: BG041820.D  
 Acq: 31 Jul 2019 2:58

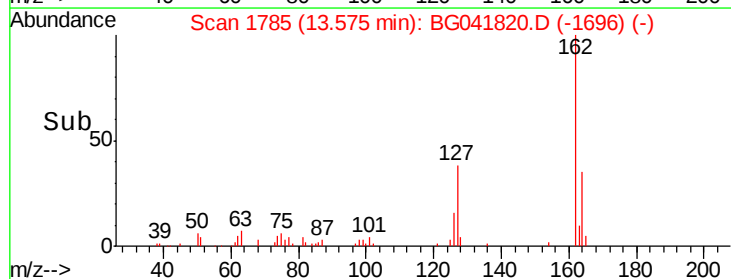
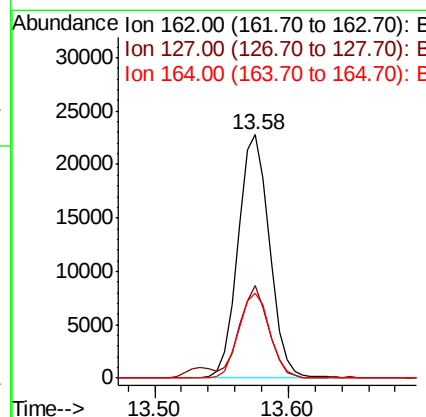
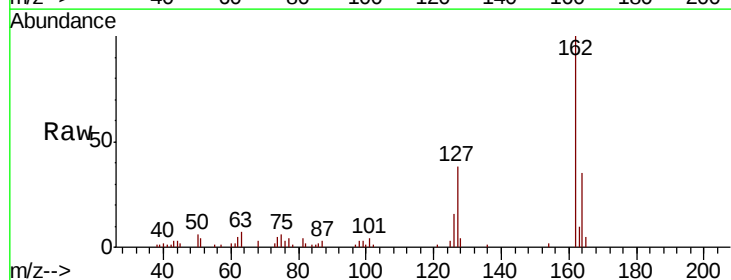
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-10

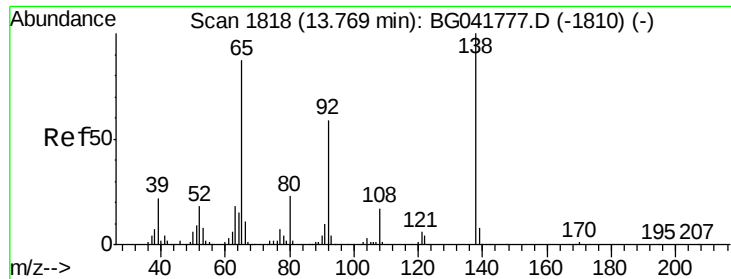
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 43.4  | 25.0  | 65.0  |
| 76      | 9.5   | 0.0   | 34.5  |



#47  
 2-Chloronaphthalene  
 Concen: 2.769 ng  
 RT: 13.58 min Scan# 1785  
 Delta R.T. -0.01 min  
 Lab File: BG041820.D  
 Acq: 31 Jul 2019 2:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 37.9  | 30.4  | 45.6  |
| 164     | 34.9  | 28.6  | 42.8  |

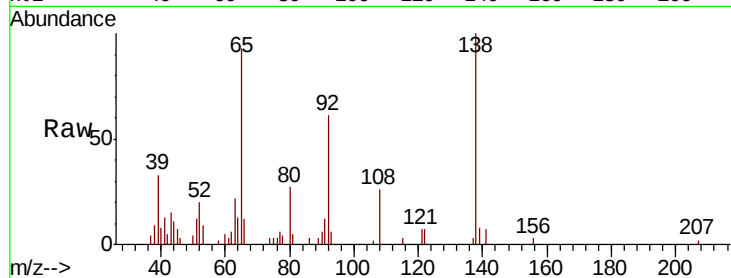




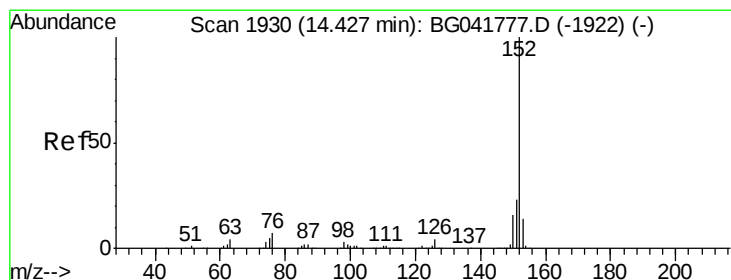
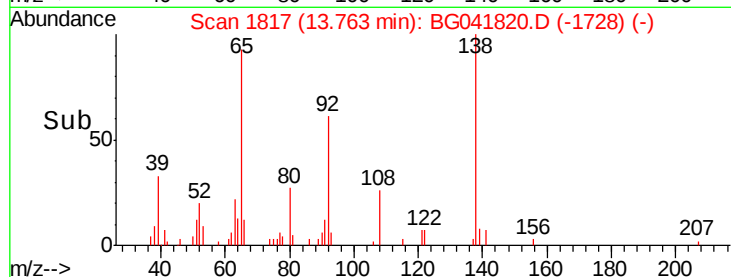
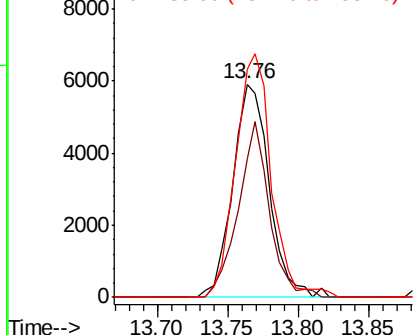
#48  
2-Nitroaniline  
Concen: 3.127 ng  
RT: 13.76 min Scan# 1817  
Delta R.T. -0.01 min  
Lab File: BG041820.D  
Acq: 31 Jul 2019 2:58

Instrument :  
BNA\_G  
ClientSampleId :  
TP-10

Tot Ion: 65 Resp: 10655  
Ion Ratio Lower Upper  
65 100  
92 65.1 53.9 80.9  
138 107.0 83.5 125.3

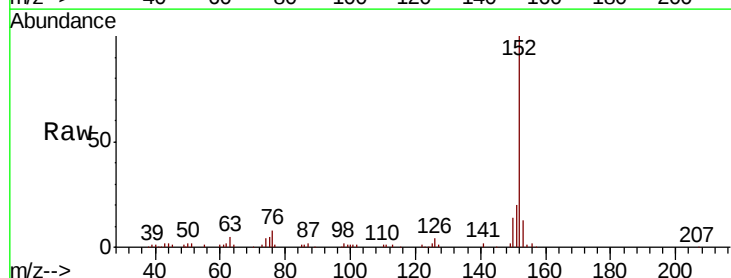


Abundance Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC  
Ion 138.00 (137.70 to 138.70): BGC

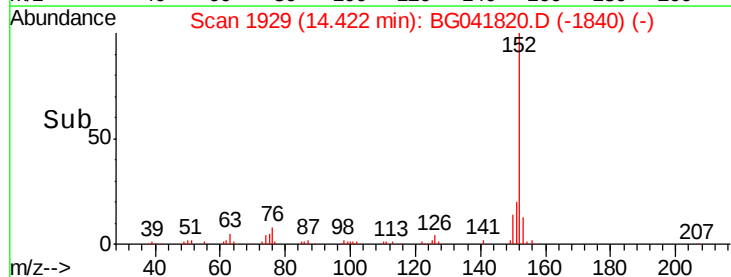
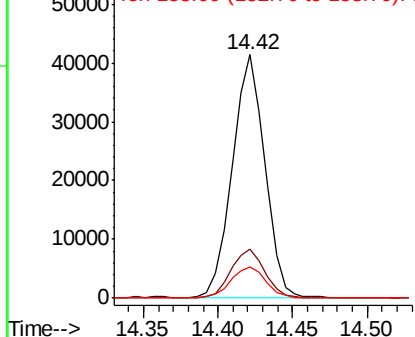


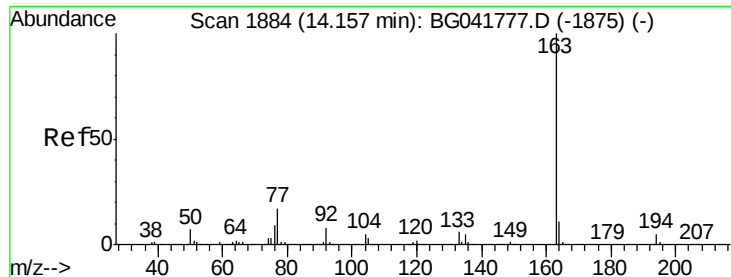
#49  
Acenaphthylene  
Concen: 3.132 ng  
RT: 14.42 min Scan# 1929  
Delta R.T. -0.01 min  
Lab File: BG041820.D  
Acq: 31 Jul 2019 2:58

Tgt Ion: 152 Resp: 62940  
Ion Ratio Lower Upper  
152 100  
151 20.0 18.7 28.1  
153 12.9 12.4 18.6



Abundance Ion 152.00 (151.70 to 152.70): BGC  
Ion 151.00 (150.70 to 151.70): BGC  
Ion 153.00 (152.70 to 153.70): BGC





#50

Dimethylphthalate

Concen: 5.063 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

Instrument :

BNA\_G

ClientSampled :

TP-10

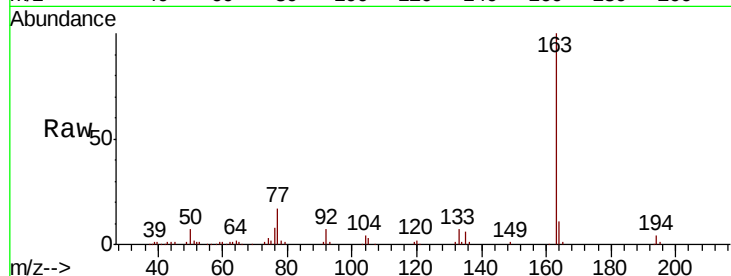
Tot Ion:163 Resp: 84866

Ion Ratio Lower Upper

163 100

194 4.3 4.2 6.2

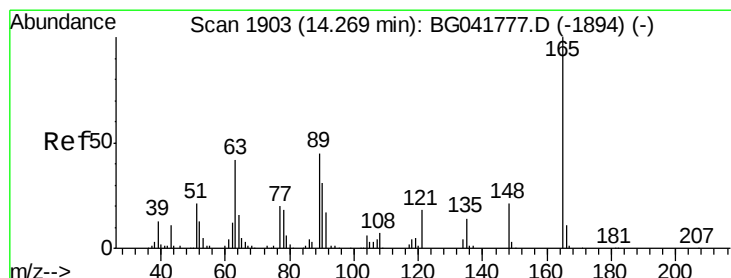
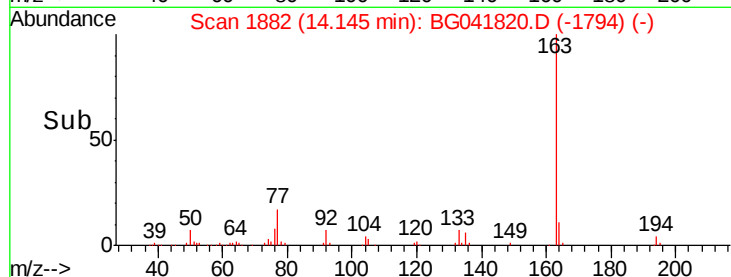
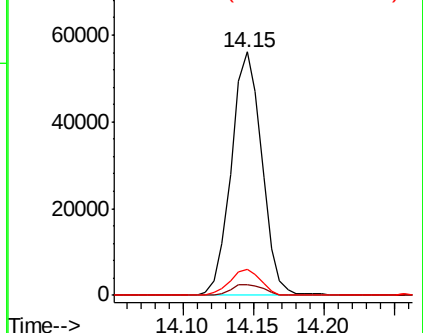
164 10.8 9.4 14.2



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: 3.134 ng

RT: 14.26 min Scan# 1902

Delta R.T. -0.01 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

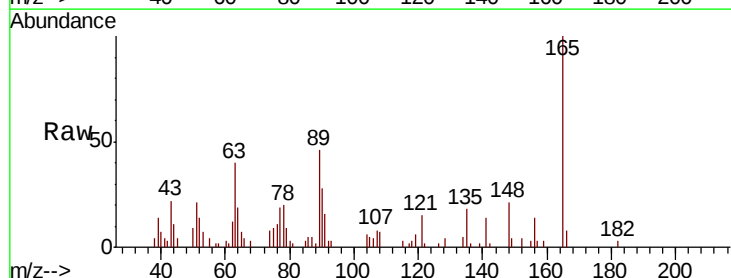
Tgt Ion:165 Resp: 10985

Ion Ratio Lower Upper

165 100

63 40.3 42.4 63.6#

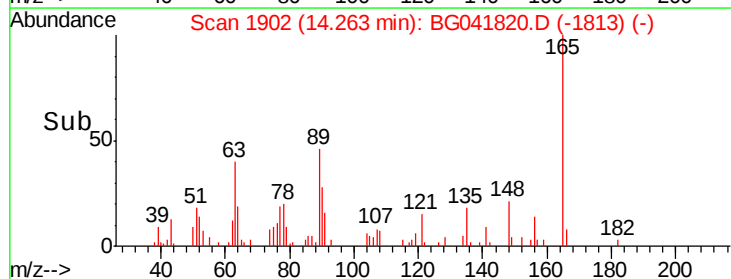
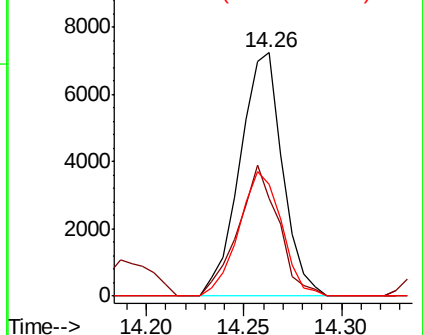
89 45.8 42.1 63.1

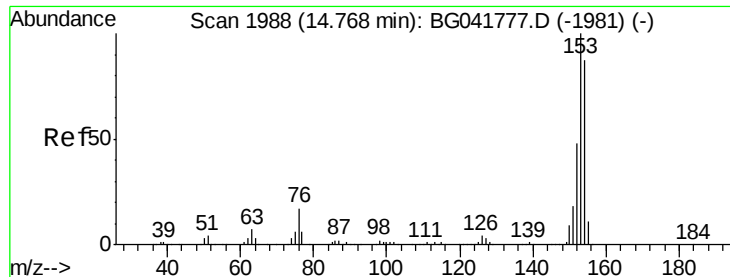


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 2.933 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

Instrument :

BNA\_G

ClientSampleId :

TP-10

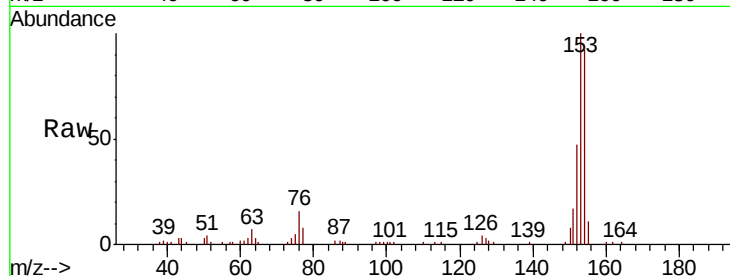
Tot Ion:154 Resp: 38339

Ion Ratio Lower Upper

154 100

153 108.7 89.8 134.6

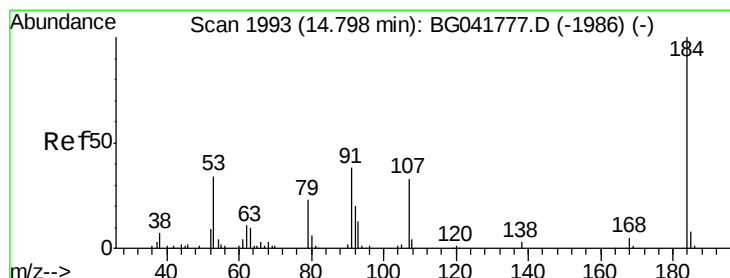
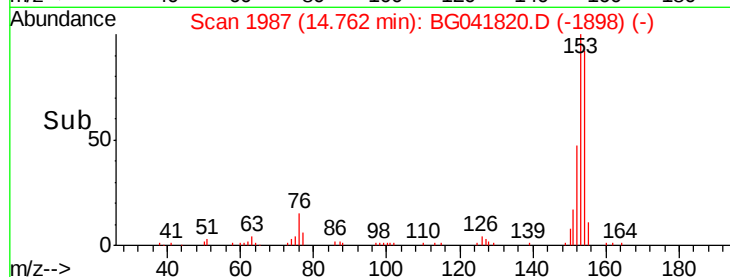
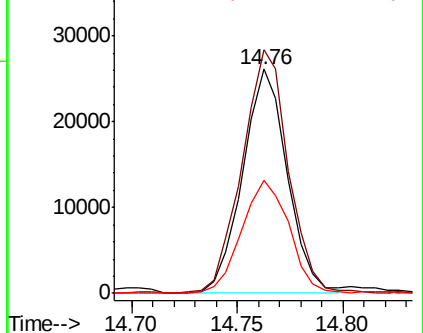
152 50.7 44.9 67.3



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



#54

2,4-Dinitrophenol

Concen: 4.780 ng

RT: 14.80 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

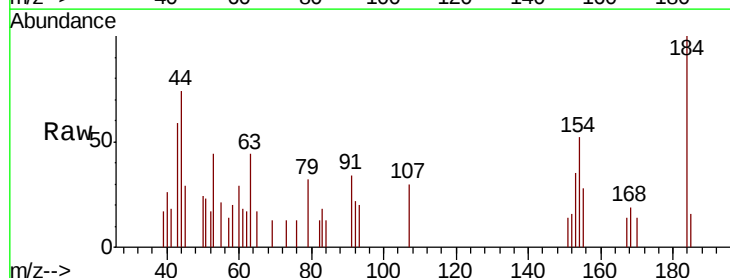
Tgt Ion:184 Resp: 2326

Ion Ratio Lower Upper

184 100

63 44.4 43.2 64.8

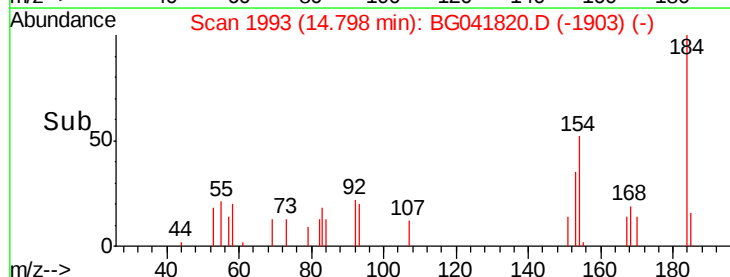
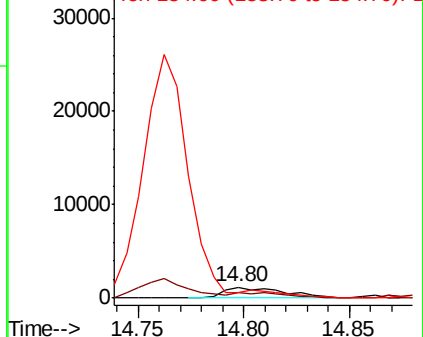
154 52.5 51.4 77.2

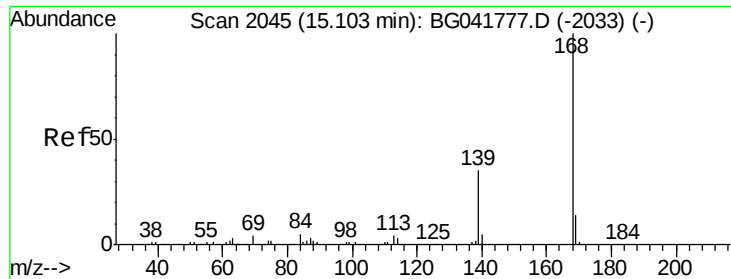


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

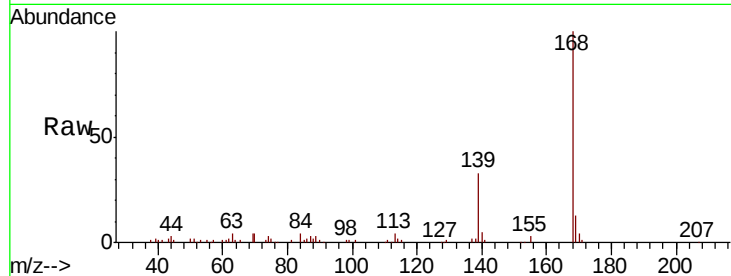




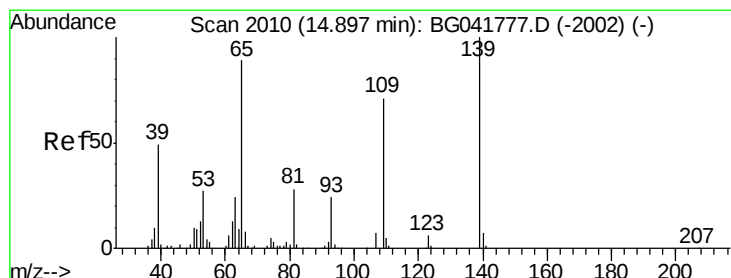
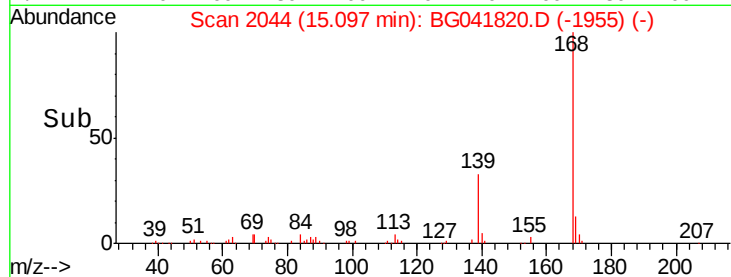
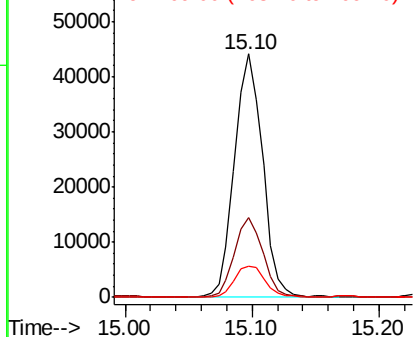
#55  
Dibenzenofuran  
Concen: 3.389 ng  
RT: 15.10 min Scan# 2044  
Delta R.T. -0.01 min  
Lab File: BG041820.D  
Acq: 31 Jul 2019 2:58

Instrument :  
BNA\_G  
ClientSampleId :  
TP-10

Tot Ion:168 Resp: 67746  
Ion Ratio Lower Upper  
168 100  
139 33.0 31.9 47.9  
169 12.9 12.5 18.7

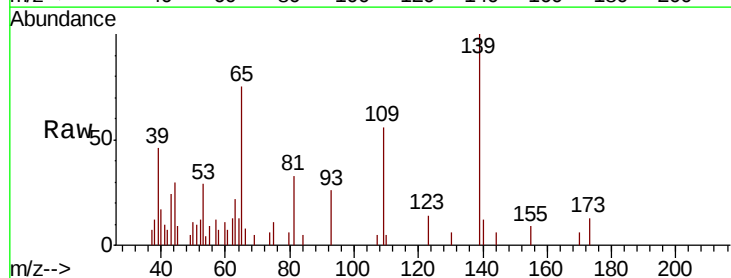


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

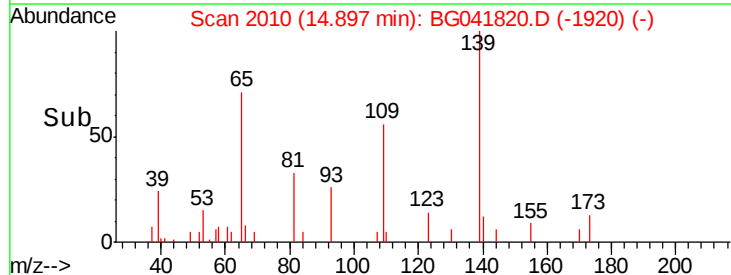
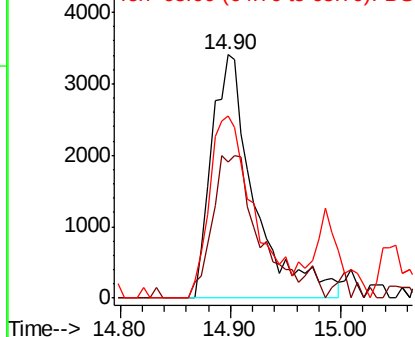


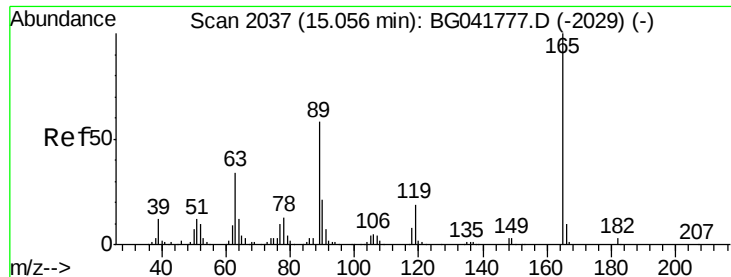
#56  
4-Nitrophenol  
Concen: 3.215 ng  
RT: 14.90 min Scan# 2010  
Delta R.T. 0.00 min  
Lab File: BG041820.D  
Acq: 31 Jul 2019 2:58

Tgt Ion:139 Resp: 9153  
Ion Ratio Lower Upper  
139 100  
109 56.1 51.3 91.3  
65 75.0 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): BGO

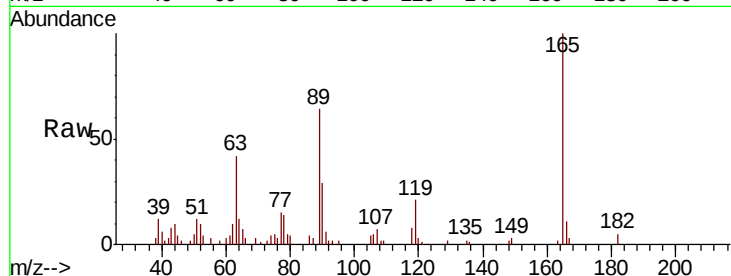




#57  
2,4-Dinitrotoluene  
Concen: 3.152 ng  
RT: 15.04 min Scan# 2035  
Delta R.T. -0.01 min  
Lab File: BG041820.D  
Acq: 31 Jul 2019 2:58

Instrument :  
BNA\_G  
ClientSampleId :  
TP-10

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 41.8  | 31.7  | 47.5  |
| 89      | 63.7  | 50.2  | 75.4  |
| 182     | 5.2   | 2.6   | 4.0   |



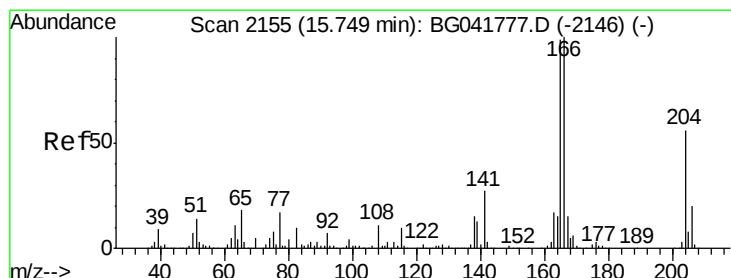
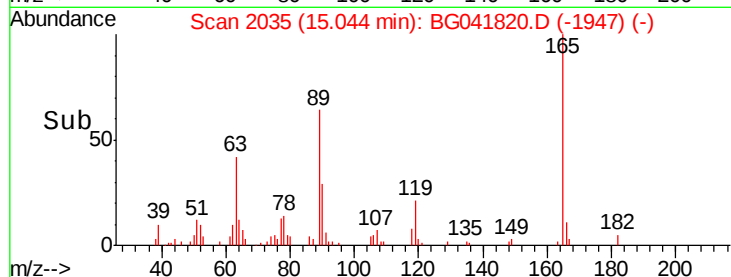
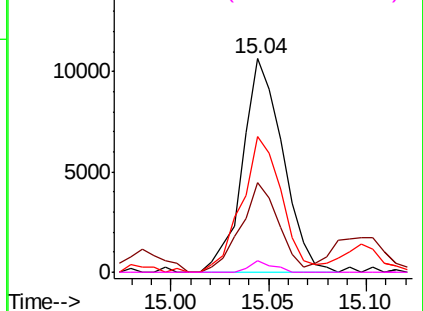
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

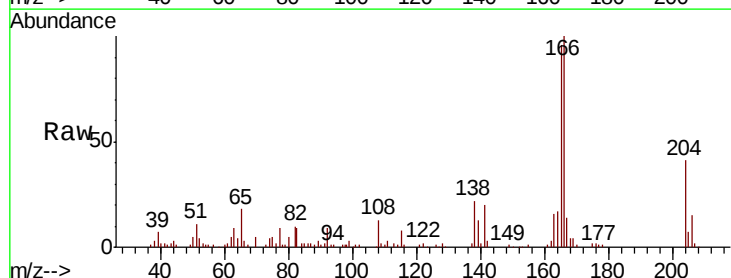
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 3.560 ng  
RT: 15.75 min Scan# 2155  
Delta R.T. 0.00 min  
Lab File: BG041820.D  
Acq: 31 Jul 2019 2:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 96.2  | 80.5  | 120.7 |
| 167     | 13.6  | 12.4  | 18.6  |

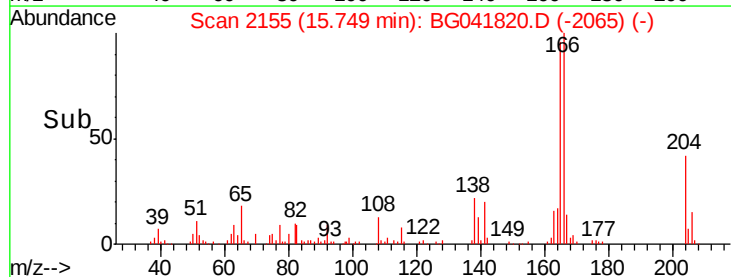
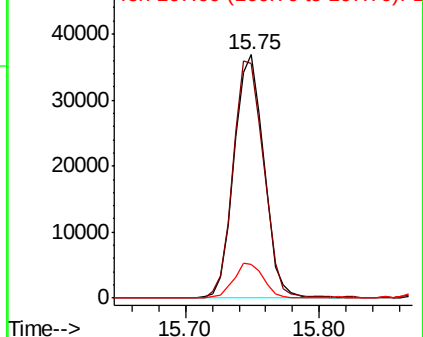


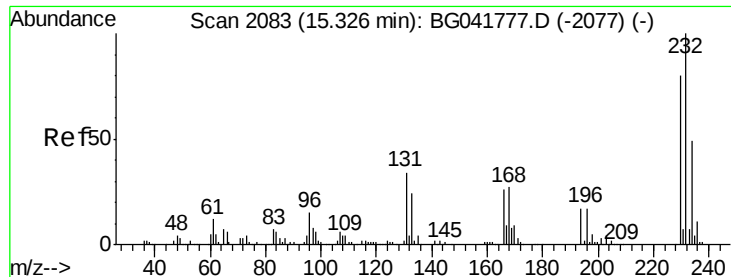
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 2.741 ng

RT: 15.33 min Scan# 2083

Delta R.T. 0.00 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

Instrument :

BNA\_G

ClientSampled :

TP-10

Tot Ion:232 Resp: 13855

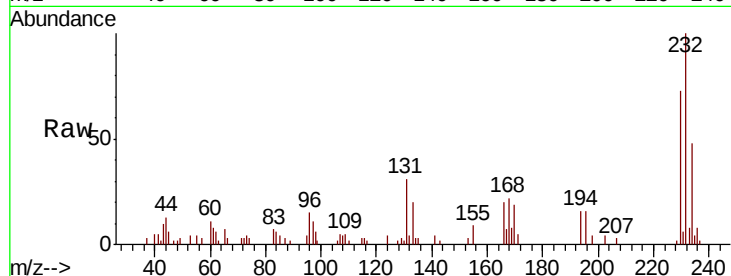
Ion Ratio Lower Upper

232 100

131 38.6 31.8 47.6

130 1.2 1.8 2.8#

166 23.1 23.5 35.3#

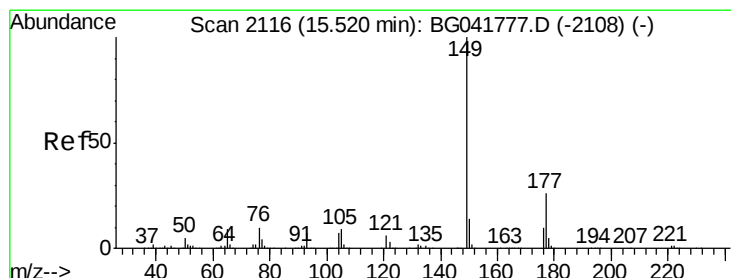
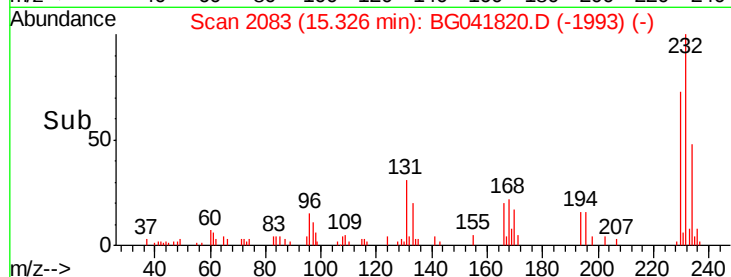
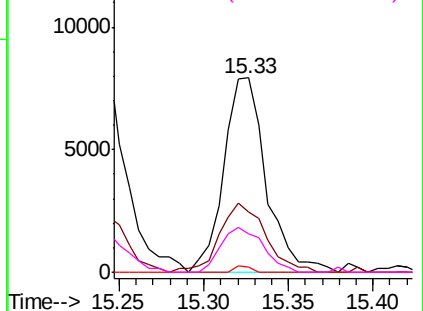


Abundance Ion 232.00 (231.70 to 232.70): E

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: 3.576 ng

RT: 15.51 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

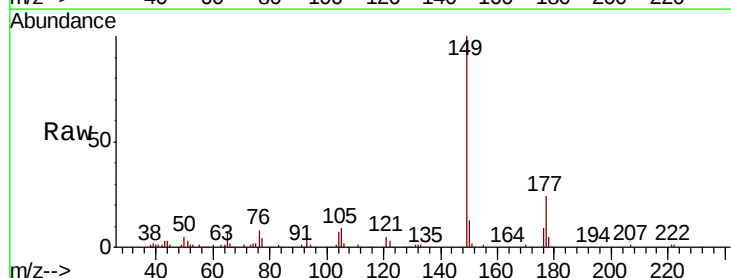
Tgt Ion:149 Resp: 58852

Ion Ratio Lower Upper

149 100

177 23.6 20.7 31.1

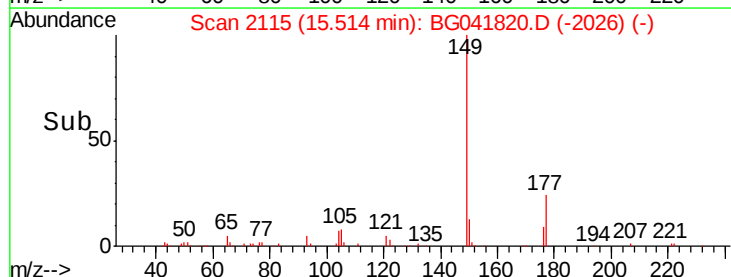
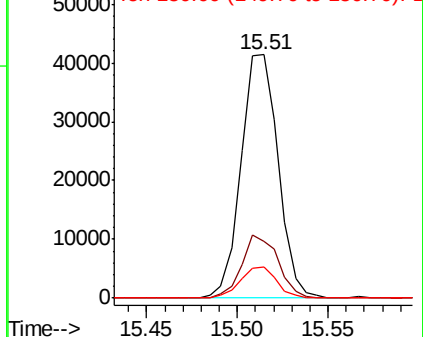
150 13.0 11.5 17.3

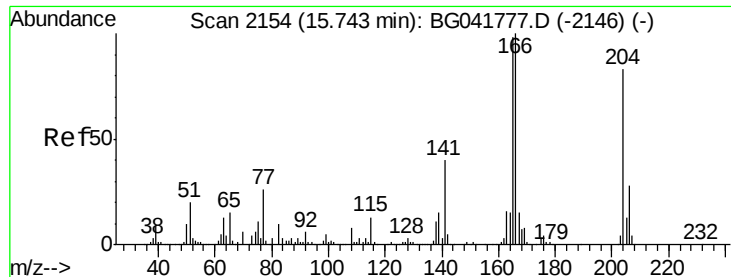


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

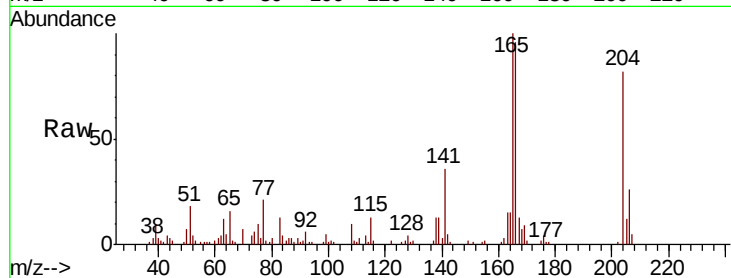




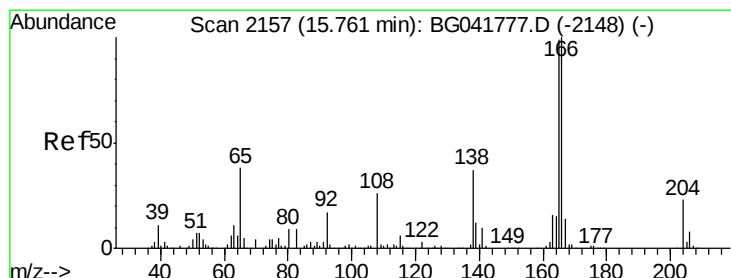
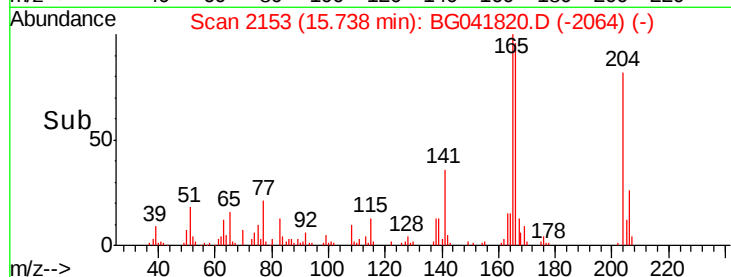
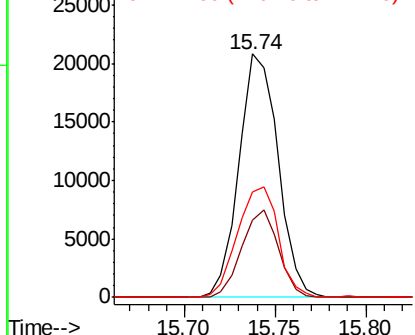
#61  
4-Chlorophenyl-phenylether  
Concen: 3.194 ng  
RT: 15.74 min Scan# 2153  
Delta R.T. -0.01 min  
Lab File: BG041820.D  
Acq: 31 Jul 2019 2:58

Instrument :  
BNA\_G  
ClientSampled :  
TP-10

Tot Ion:204 Resp: 31284  
Ion Ratio Lower Upper  
204 100  
206 31.8 28.6 42.8  
141 43.4 42.9 64.3

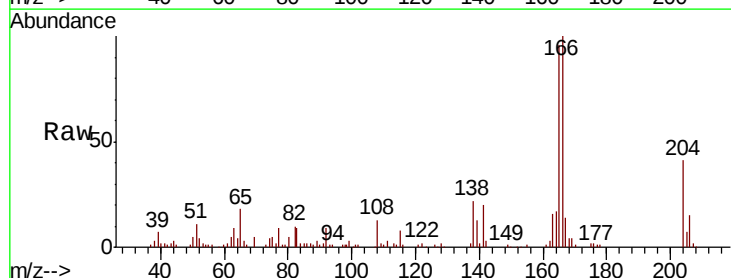


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

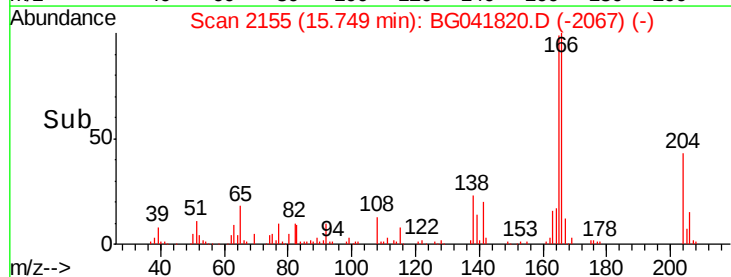
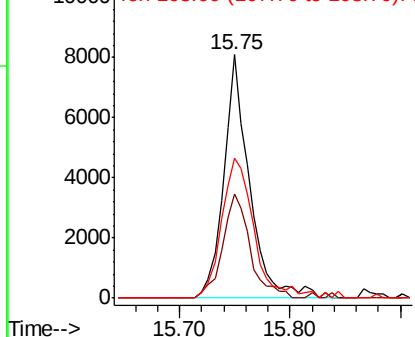


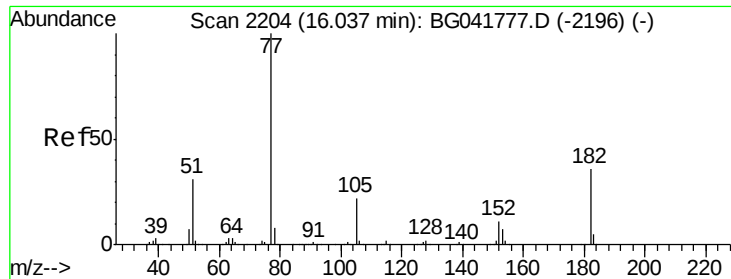
#62  
4-Nitroaniline  
Concen: 3.238 ng  
RT: 15.75 min Scan# 2155  
Delta R.T. -0.01 min  
Lab File: BG041820.D  
Acq: 31 Jul 2019 2:58

Tgt Ion:138 Resp: 13154  
Ion Ratio Lower Upper  
138 100  
92 42.6 29.8 69.8  
108 57.6 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

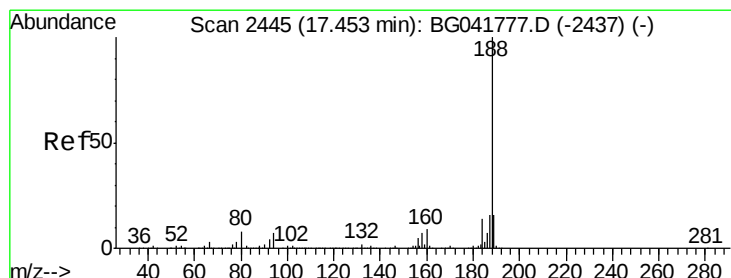
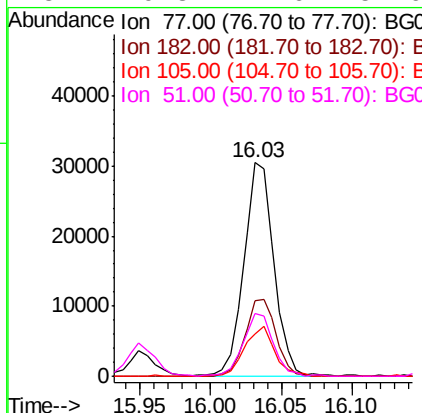
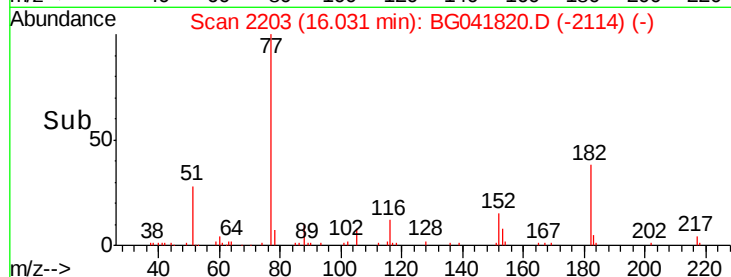
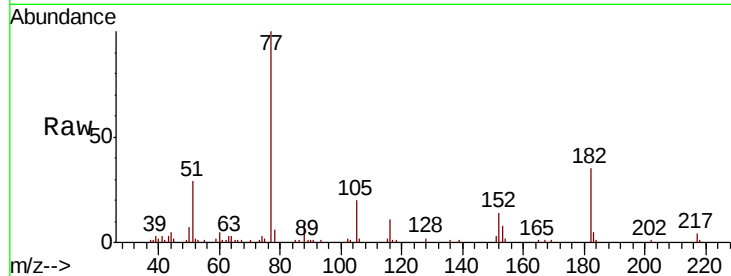




#63  
Azobenzene  
Concen: 3.375 ng  
RT: 16.03 min Scan# 2203  
Delta R.T. -0.01 min  
Lab File: BG041820.D  
Acq: 31 Jul 2019 2:58

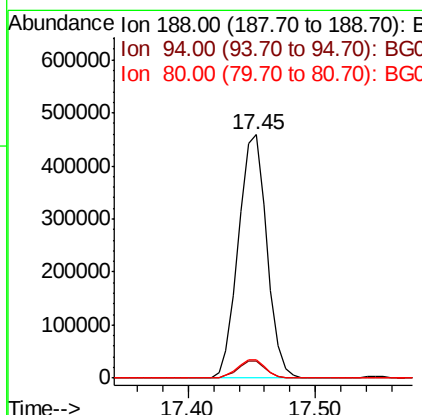
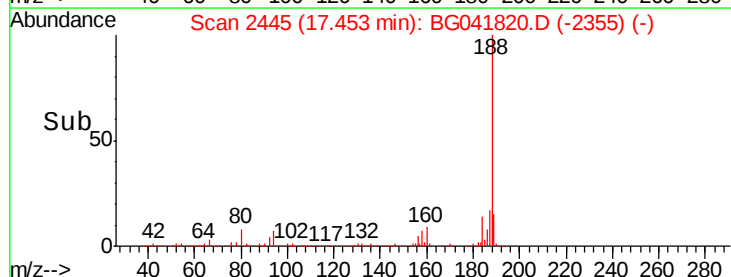
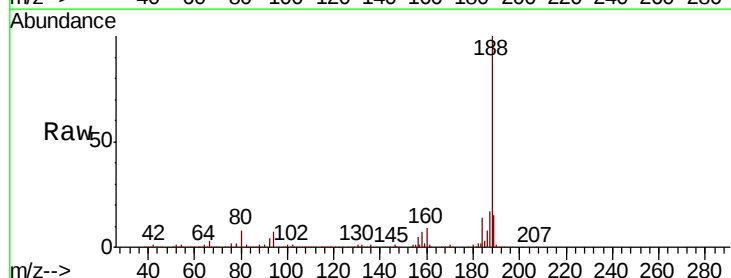
Instrument :  
BNA\_G  
ClientSampleId :  
TP-10

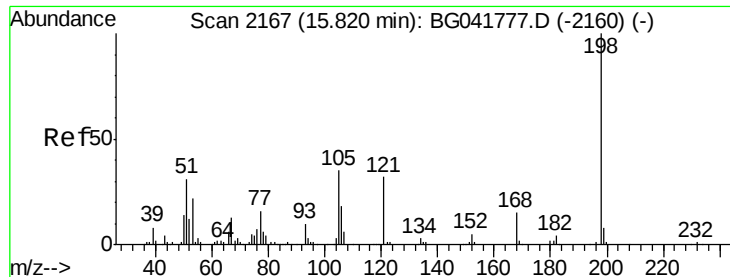
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 45368 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 182      | 35.1  | 13.2  | 53.2  |
| 105      | 19.7  | 2.2   | 42.2  |
| 51       | 29.3  | 14.6  | 54.6  |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.45 min Scan# 2445  
Delta R.T. 0.00 min  
Lab File: BG041820.D  
Acq: 31 Jul 2019 2:58

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 711609 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 6.9   | 6.9   | 10.3#  |
| 80       | 7.5   | 8.0   | 12.0#  |

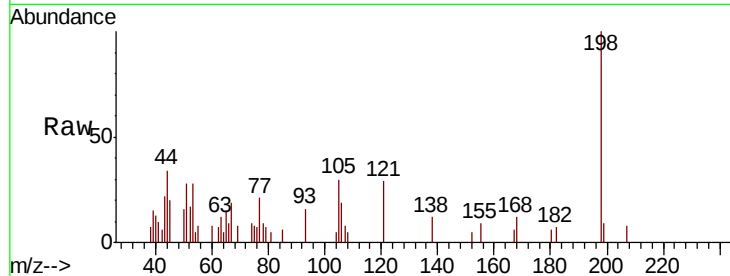




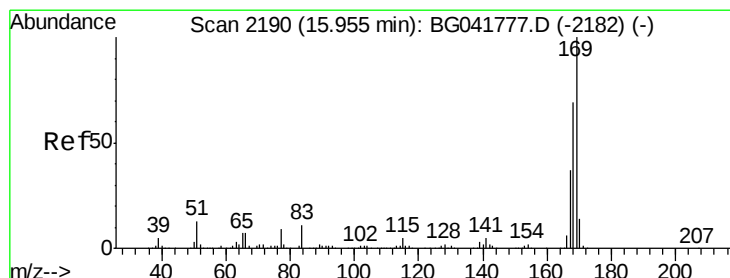
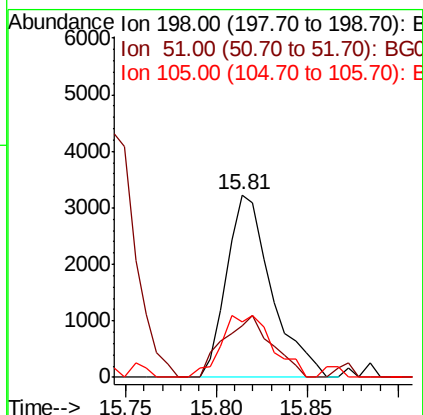
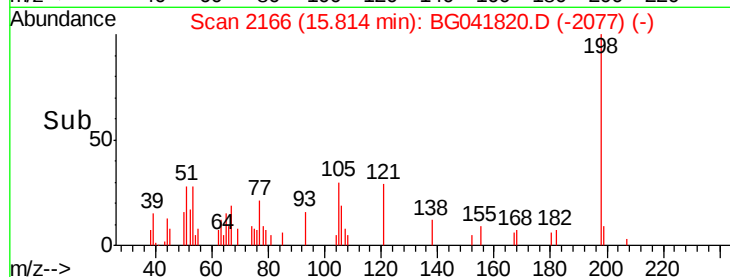
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 8.220 ng  
 RT: 15.81 min Scan# 2166  
 Delta R.T. -0.01 min  
 Lab File: BG041820.D  
 Acq: 31 Jul 2019 2:58

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-10

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 28.1  | 22.3  | 62.3  |
| 105     | 30.5  | 18.0  | 58.0  |

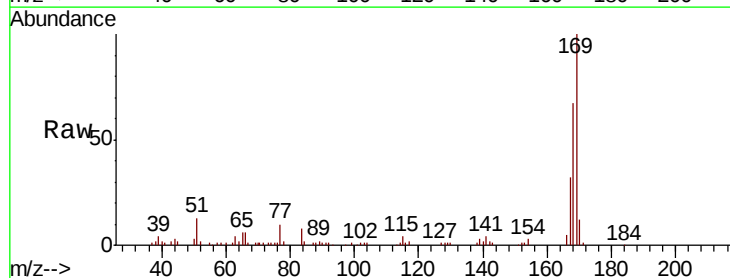


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): BG  
 Ion 105.00 (104.70 to 105.70): E

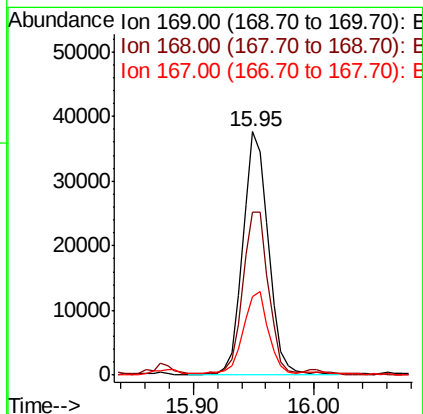
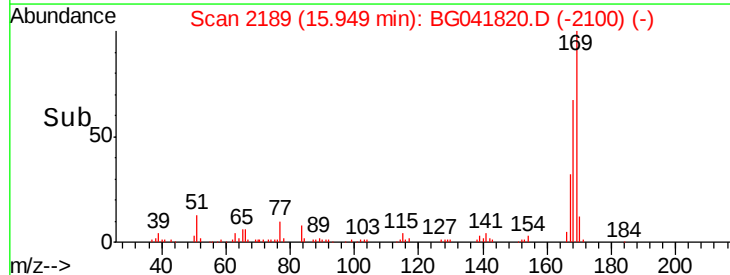


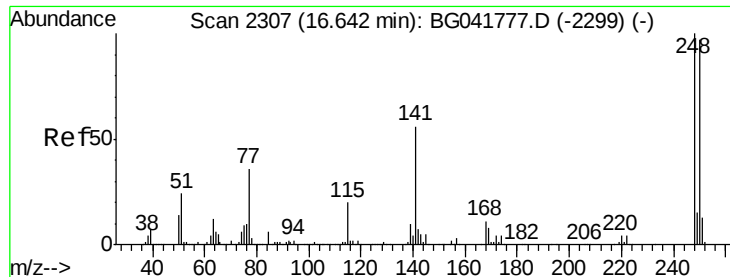
#66  
 n-Nitrosodiphenylamine  
 Concen: 2.877 ng  
 RT: 15.95 min Scan# 2189  
 Delta R.T. -0.01 min  
 Lab File: BG041820.D  
 Acq: 31 Jul 2019 2:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 67.1  | 56.9  | 85.3  |
| 167     | 32.4  | 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

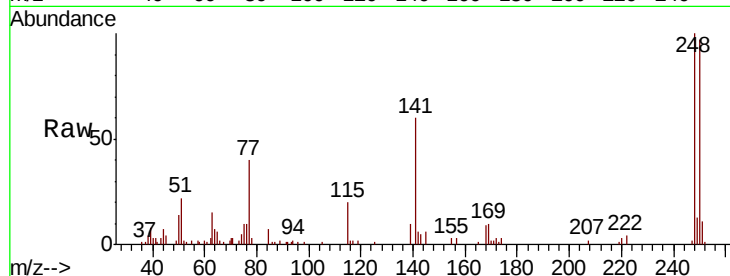




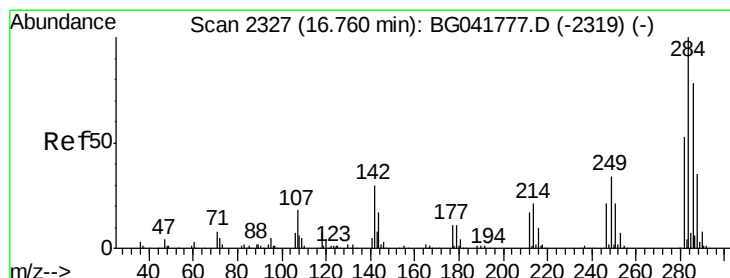
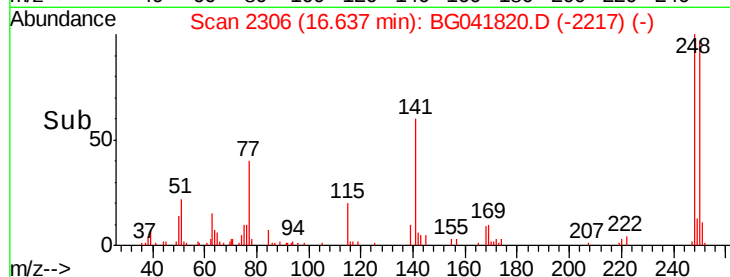
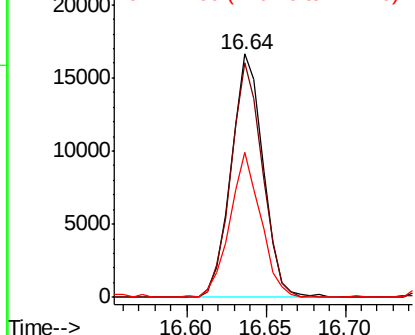
#67  
4-Bromophenyl-phenylether  
Concen: 2.644 ng  
RT: 16.64 min Scan# 2306  
Delta R.T. -0.01 min  
Lab File: BG041820.D  
Acq: 31 Jul 2019 2:58

Instrument :  
BNA\_G  
ClientSampleId :  
TP-10

Tot Ion:248 Resp: 23180  
Ion Ratio Lower Upper  
248 100  
250 96.6 78.1 117.1  
141 59.6 49.6 74.4

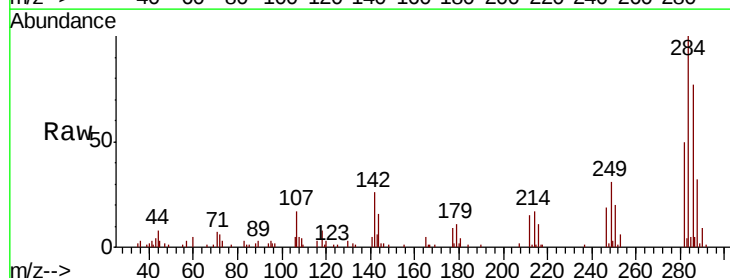


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

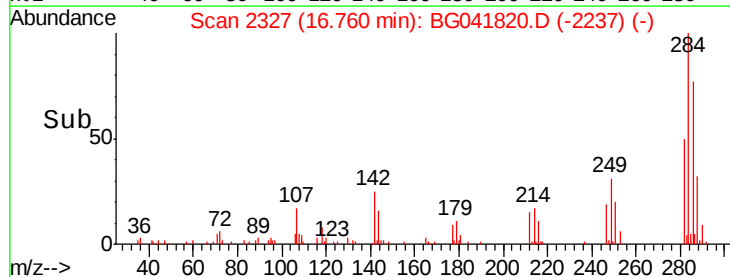
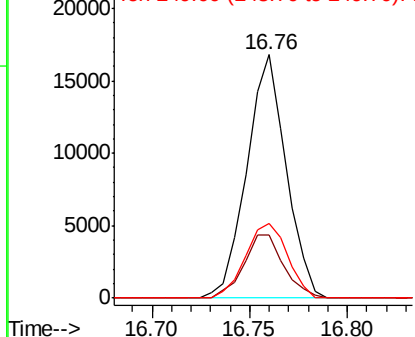


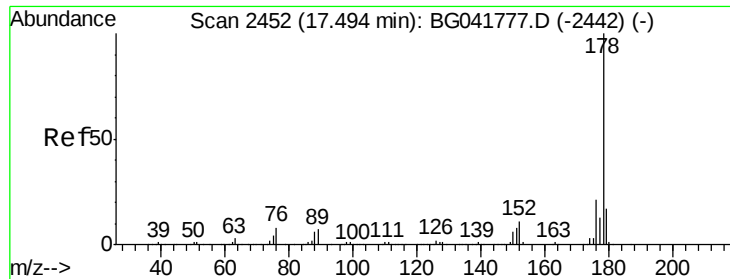
#68  
Hexachlorobenzene  
Concen: 2.546 ng  
RT: 16.76 min Scan# 2327  
Delta R.T. 0.00 min  
Lab File: BG041820.D  
Acq: 31 Jul 2019 2:58

Tgt Ion:284 Resp: 23349  
Ion Ratio Lower Upper  
284 100  
142 26.0 27.0 40.6#  
249 33.4 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

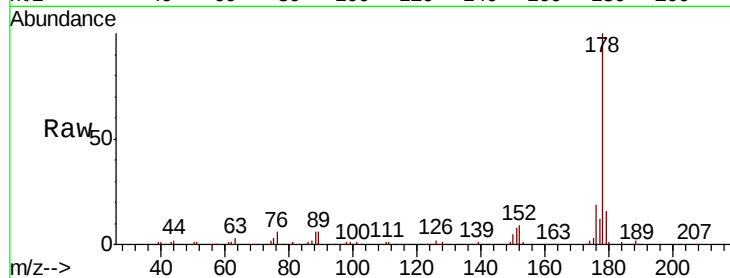




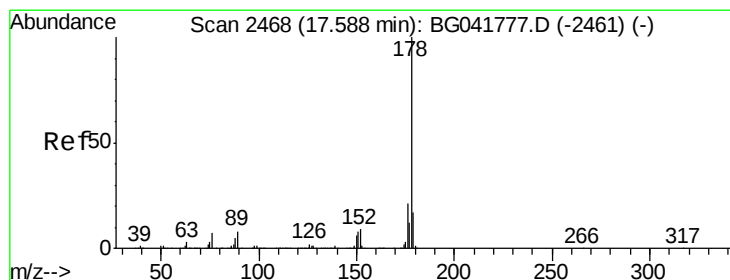
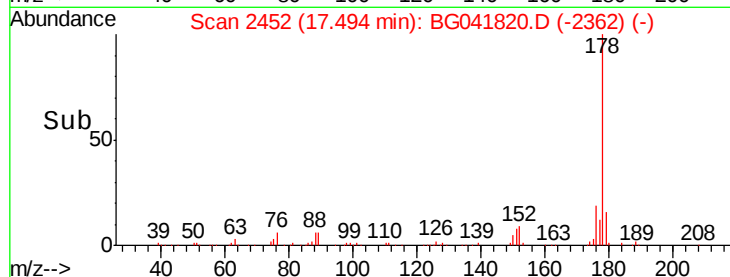
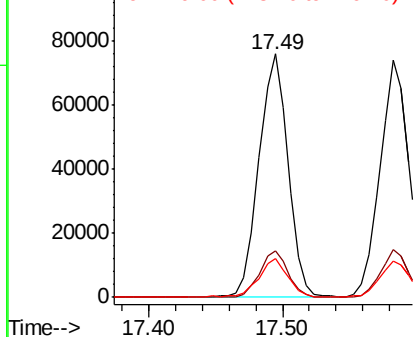
#71  
Phenanthrene  
Concen: 3.347 ng  
RT: 17.49 min Scan# 2452  
Delta R.T. 0.00 min  
Lab File: BG041820.D  
Acq: 31 Jul 2019 2:58

Instrument :  
BNA\_G  
ClientSampleId :  
TP-10

Tot Ion:178 Resp: 114176  
Ion Ratio Lower Upper  
178 100  
176 18.9 18.6 28.0  
179 15.8 15.4 23.0

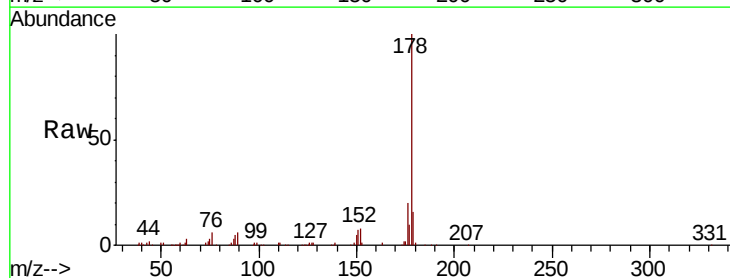


Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E

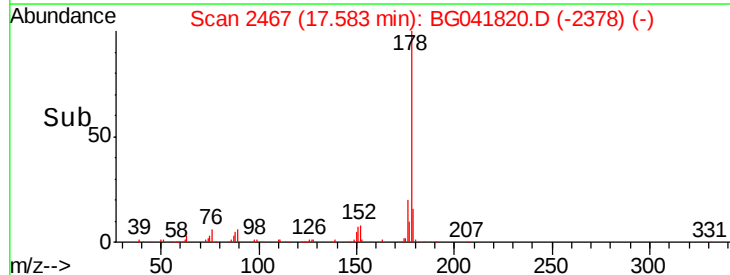
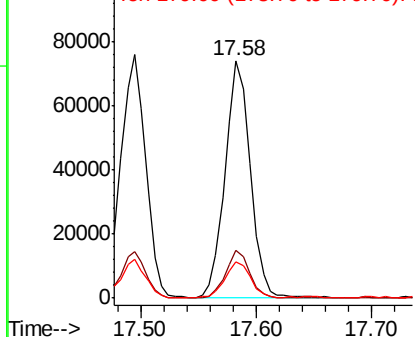


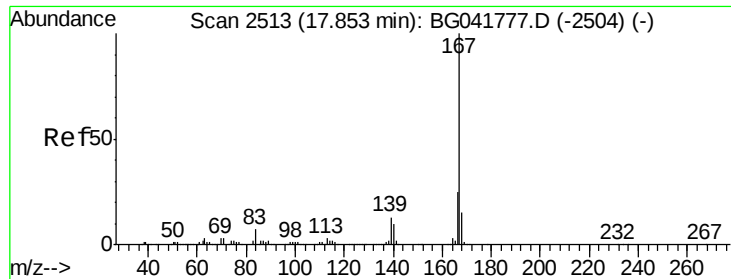
#72  
Anthracene  
Concen: 3.315 ng  
RT: 17.58 min Scan# 2467  
Delta R.T. -0.01 min  
Lab File: BG041820.D  
Acq: 31 Jul 2019 2:58

Tgt Ion:178 Resp: 112784  
Ion Ratio Lower Upper  
178 100  
176 20.0 18.6 28.0  
179 15.5 15.1 22.7



Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E

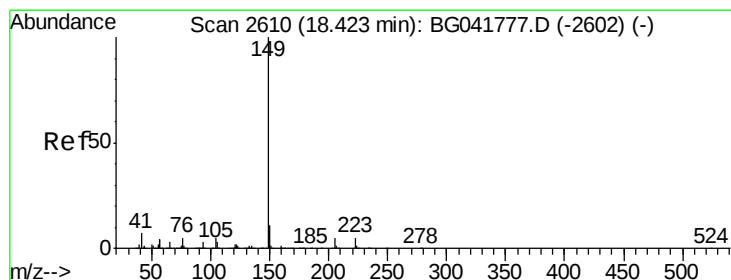
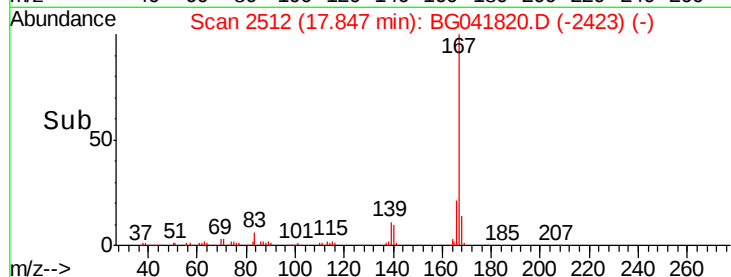
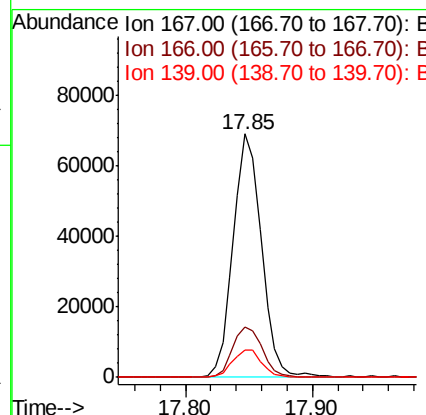
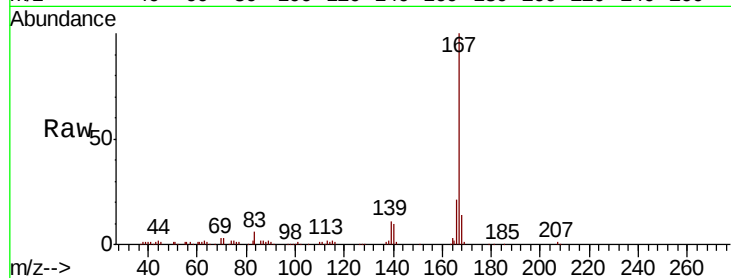




#73  
 Carbazole  
 Concen: 3.501 ng  
 RT: 17.85 min Scan# 2512  
 Delta R.T. -0.01 min  
 Lab File: BG041820.D  
 Acq: 31 Jul 2019 2:58

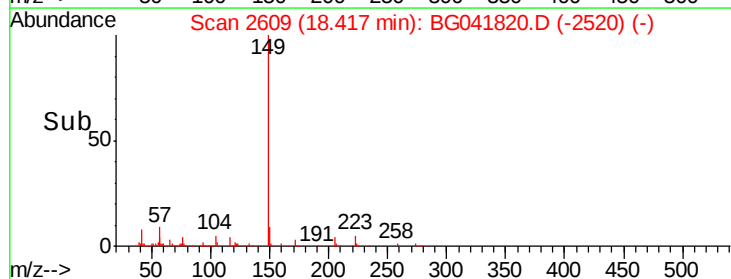
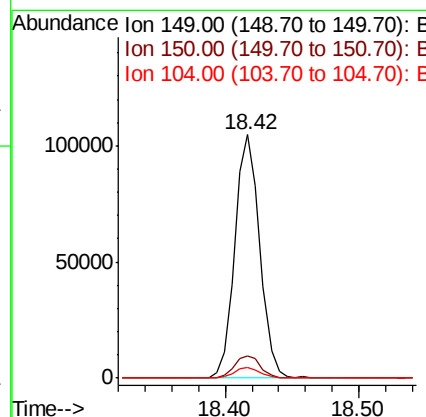
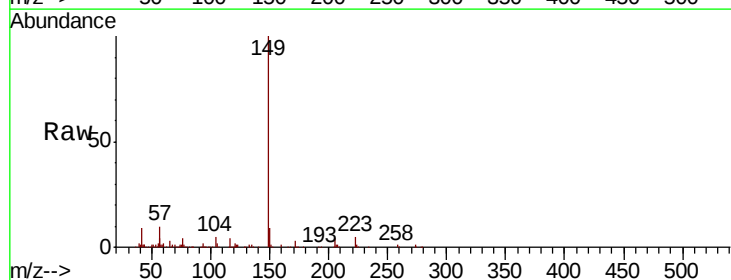
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-10

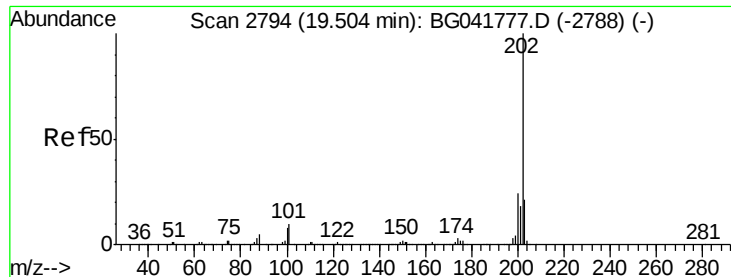
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 20.7  | 21.4  | 32.2# |
| 139     | 11.3  | 12.1  | 18.1# |



#74  
 Di-n-butylphthalate  
 Concen: 3.947 ng  
 RT: 18.42 min Scan# 2609  
 Delta R.T. -0.01 min  
 Lab File: BG041820.D  
 Acq: 31 Jul 2019 2:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.1   | 10.2  | 15.2# |
| 104     | 4.6   | 5.3   | 7.9#  |





#75

Fluoranthene

Concen: 3.757 ng

RT: 19.50 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

Instrument :

BNA\_G

ClientSampleId :

TP-10

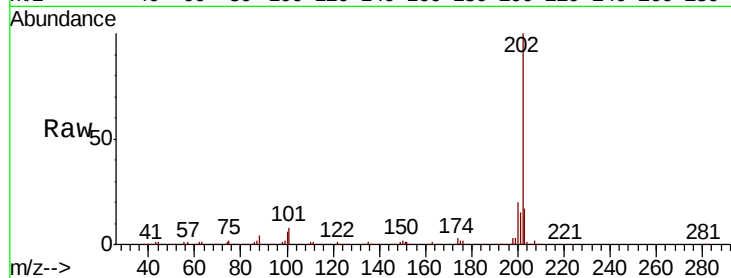
Tot Ion:202 Resp: 155748

Ion Ratio Lower Upper

202 100

101 8.1 0.0 32.8

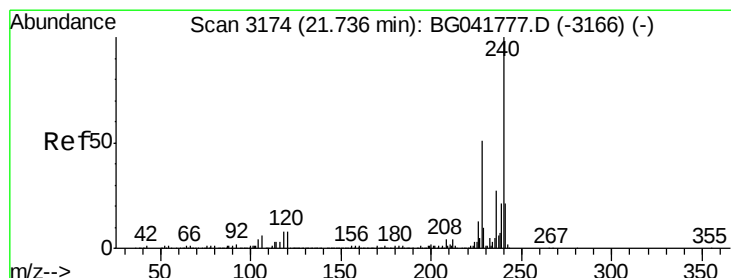
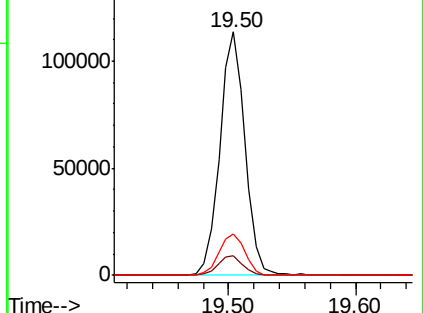
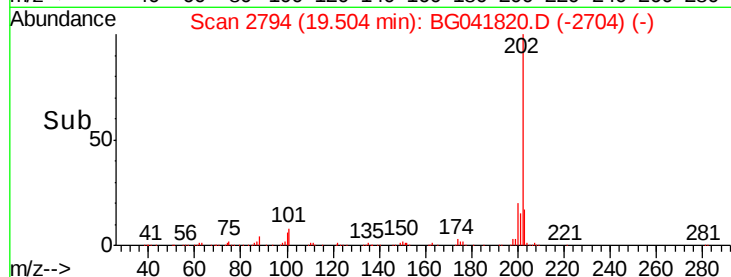
203 17.0 3.7 43.7



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: 21.73 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

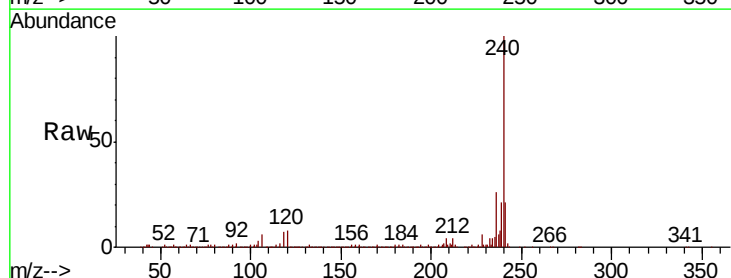
Tgt Ion:240 Resp: 712539

Ion Ratio Lower Upper

240 100

120 8.2 8.0 12.0

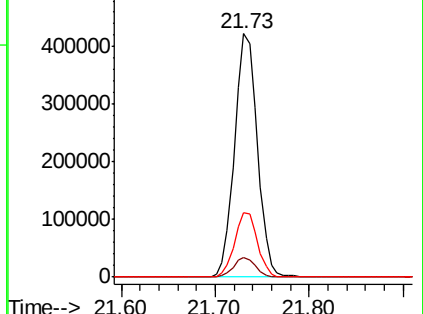
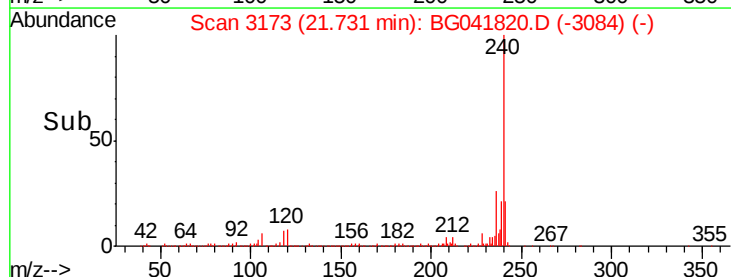
236 26.4 22.6 33.8

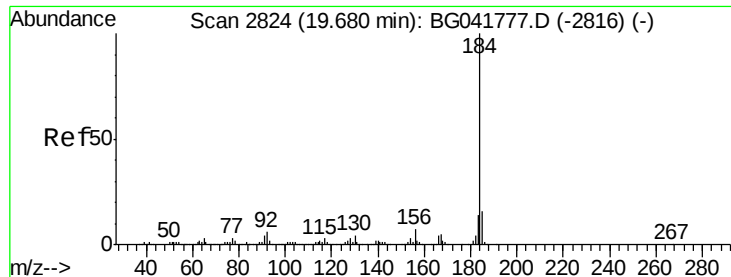


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.042 ng

RT: 20.07 min Scan# 2890

Delta R.T. 0.39 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

Instrument :

BNA\_G

ClientSampled :

TP-10

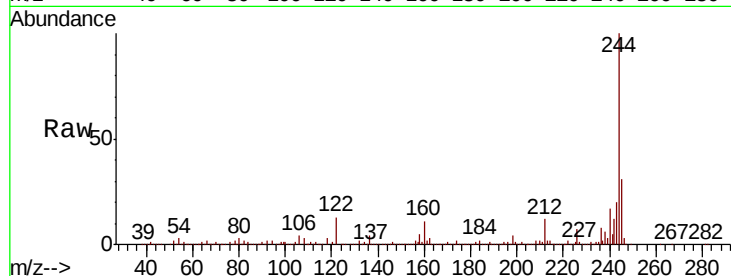
Tot Ion:184 Resp: 47492

Ion Ratio Lower Upper

184 100

185 15.1 13.0 19.4

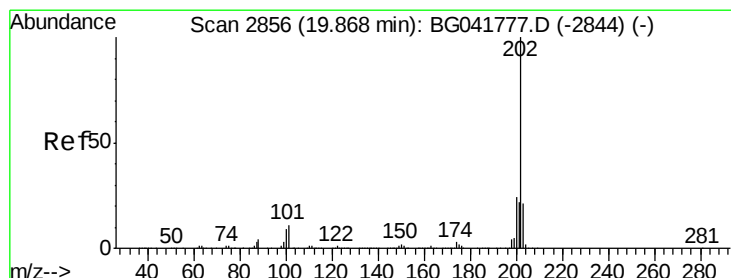
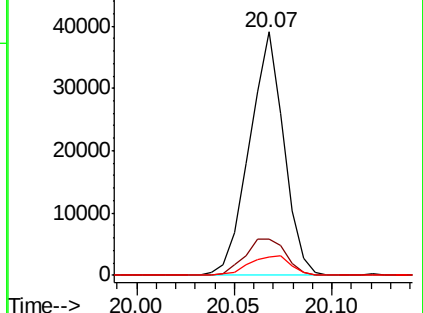
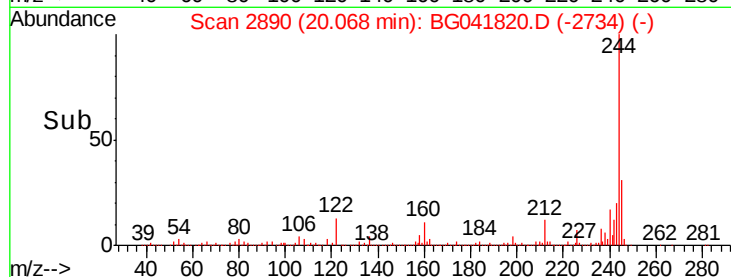
183 7.5 11.8 17.6#



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: 3.767 ng

RT: 19.86 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

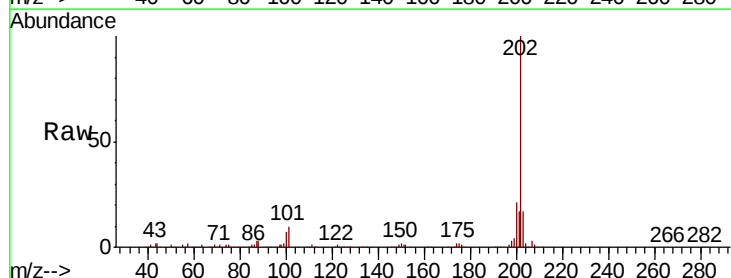
Tgt Ion:202 Resp: 159028

Ion Ratio Lower Upper

202 100

200 21.2 22.2 33.2#

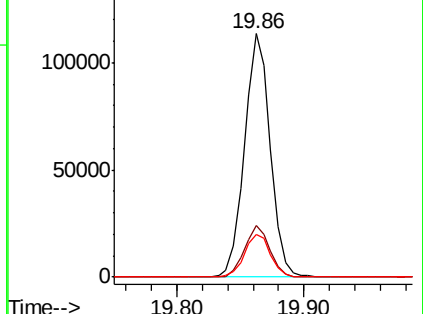
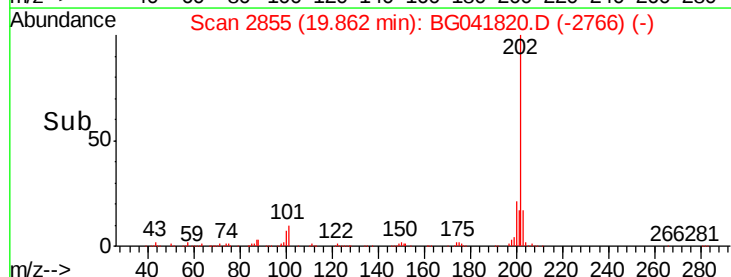
203 17.4 18.9 28.3#

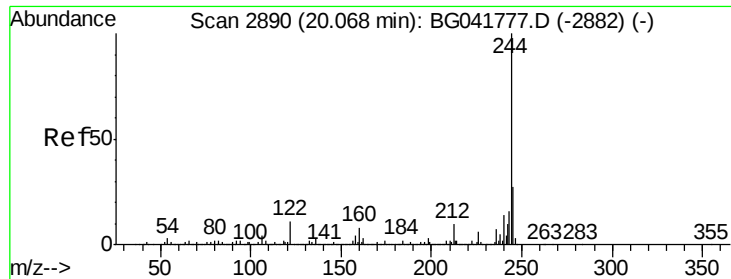


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.508 ng

RT: 20.07 min Scan# 2890

Delta R.T. 0.00 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

Instrument :

BNA\_G

ClientSampled :

TP-10

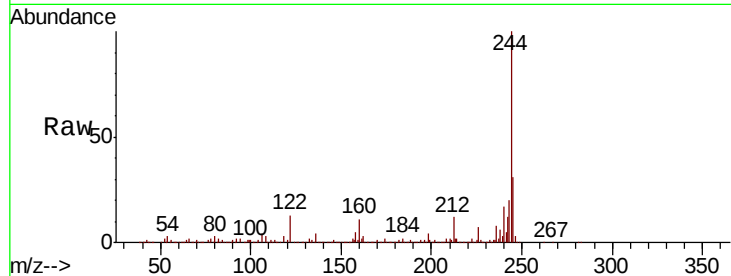
Tot Ion:244 Resp: 2662631

Ion Ratio Lower Upper

244 100

212 11.6 9.7 14.5

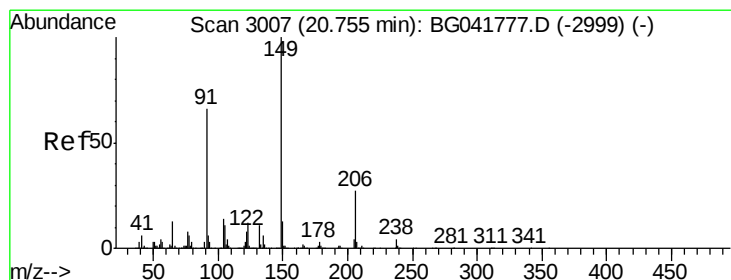
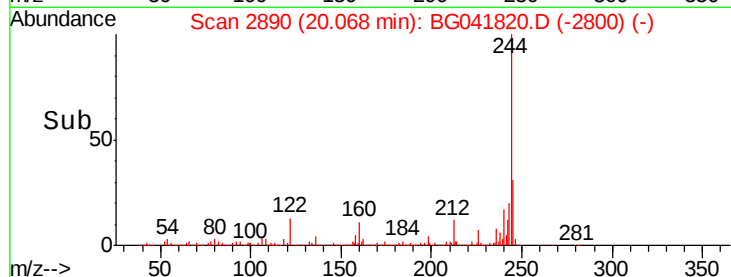
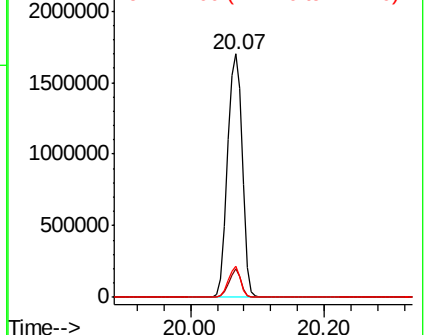
122 12.6 12.5 18.7



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: 3.014 ng

RT: 20.76 min Scan# 3007

Delta R.T. 0.00 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

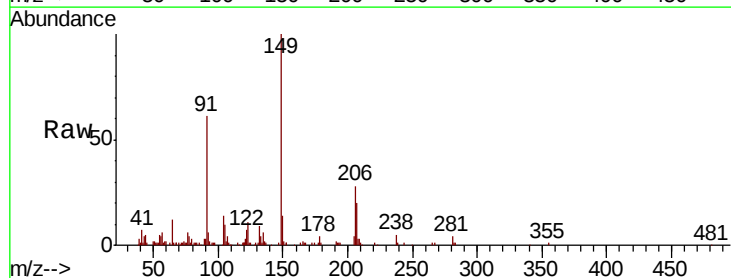
Tgt Ion:149 Resp: 48792

Ion Ratio Lower Upper

149 100

91 61.1 58.9 88.3

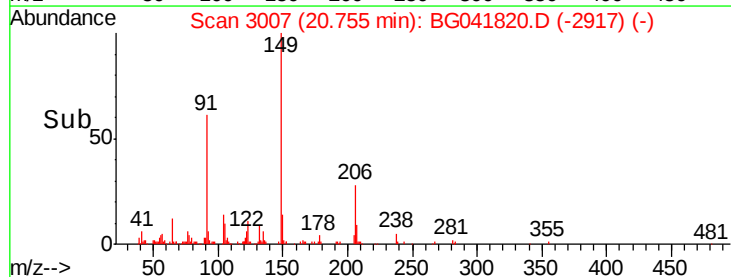
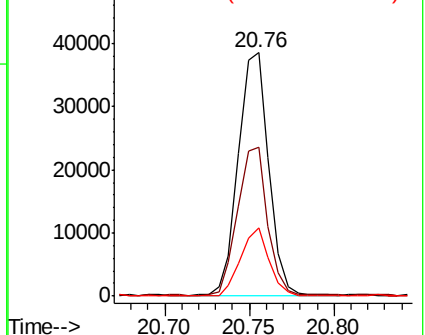
206 28.1 20.8 31.2

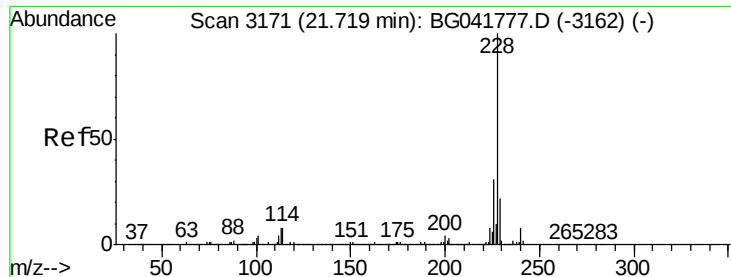


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

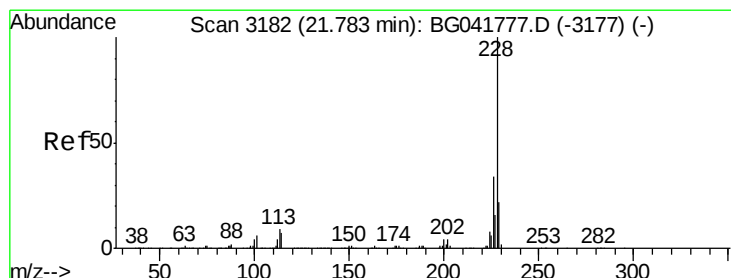
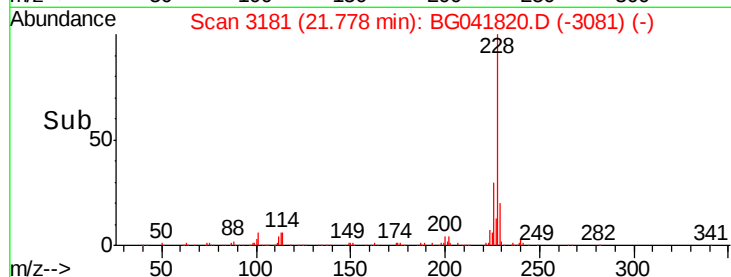
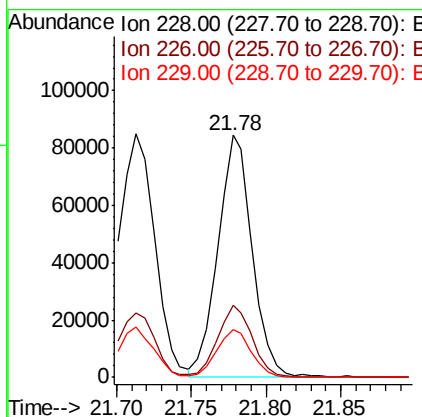
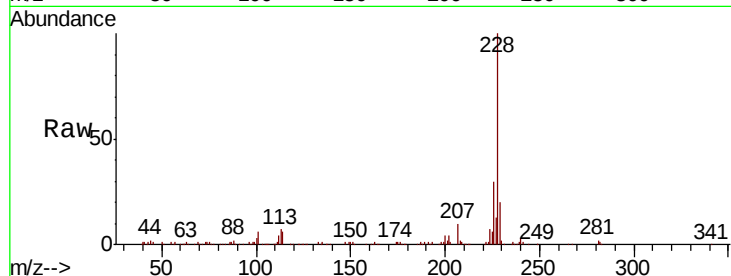




#81  
Benzo(a)anthracene  
Concen: 3.191 ng  
RT: 21.78 min Scan# 3181  
Delta R.T. 0.06 min  
Lab File: BG041820.D  
Acq: 31 Jul 2019 2:58

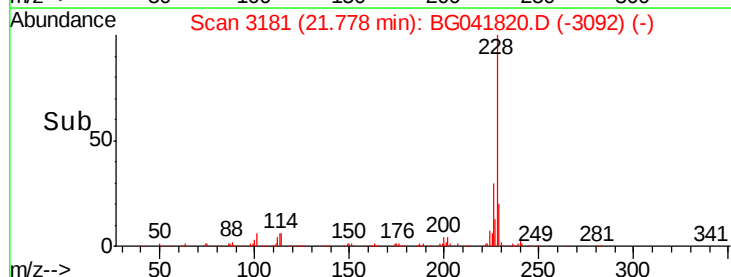
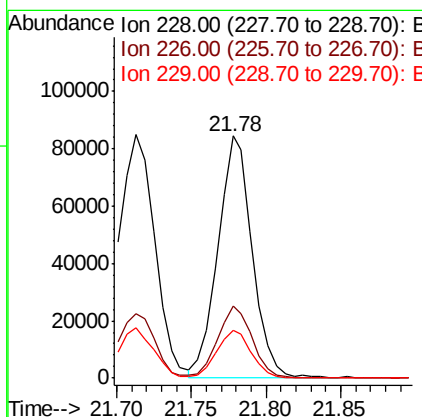
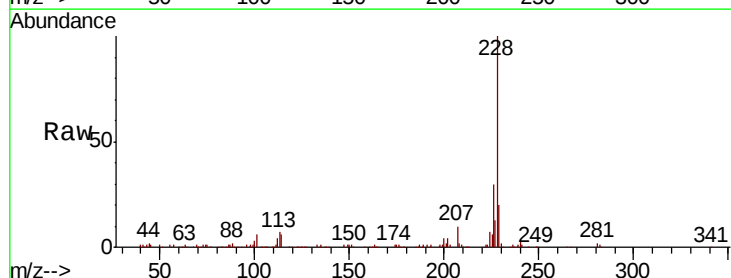
Instrument :  
BNA\_G  
ClientSampleId :  
TP-10

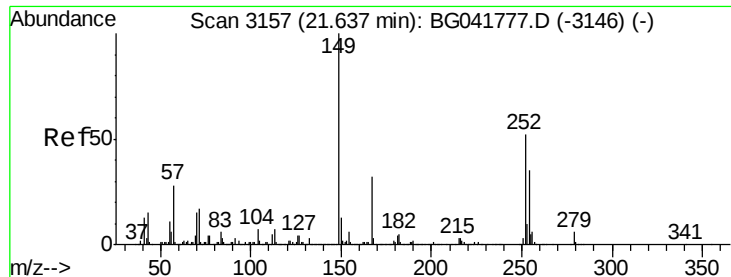
Tot Ion:228 Resp: 134509  
Ion Ratio Lower Upper  
228 100  
226 29.6 27.3 40.9  
229 19.9 19.7 29.5



#83  
Chrysene  
Concen: 3.329 ng  
RT: 21.78 min Scan# 3181  
Delta R.T. -0.01 min  
Lab File: BG041820.D  
Acq: 31 Jul 2019 2:58

Tgt Ion:228 Resp: 134509  
Ion Ratio Lower Upper  
228 100  
226 29.6 30.1 45.1#  
229 19.9 19.8 29.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.397 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

Instrument :

BNA\_G

ClientSampleId :

TP-10

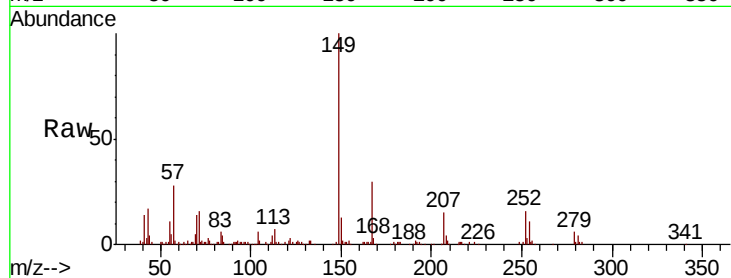
Tot Ion:149 Resp: 75849

Ion Ratio Lower Upper

149 100

167 30.3 27.0 40.4

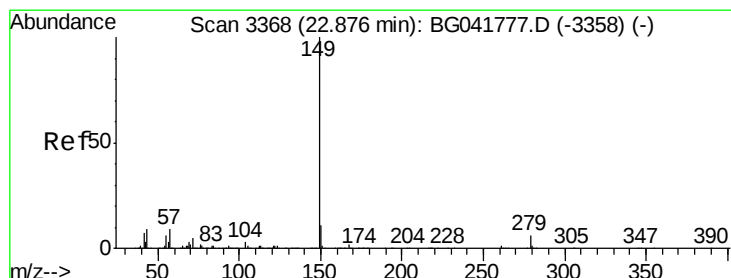
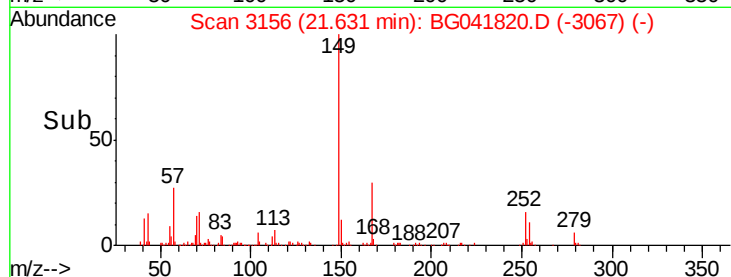
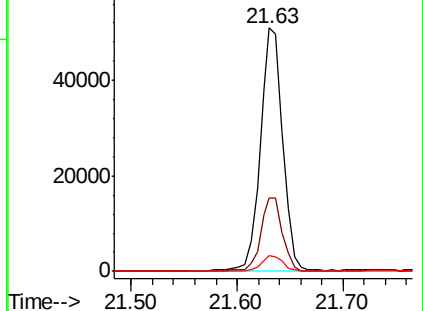
279 6.3 5.0 7.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 3.143 ng

RT: 22.86 min Scan# 3366

Delta R.T. -0.01 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

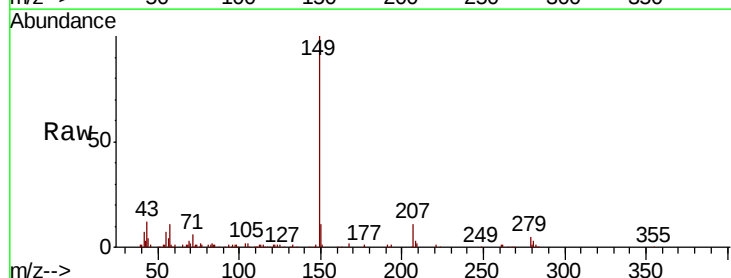
Tgt Ion:149 Resp: 118105

Ion Ratio Lower Upper

149 100

167 1.7 1.6 2.4

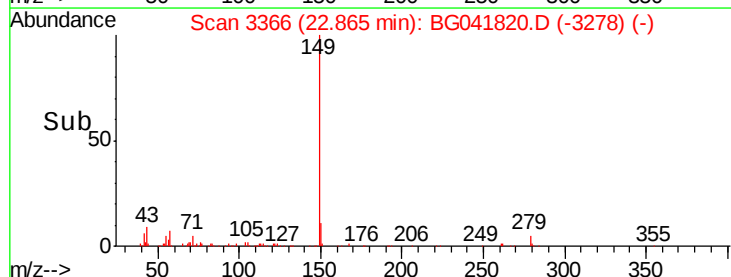
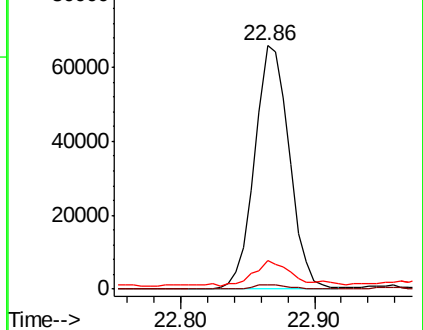
43 11.3 10.6 16.0

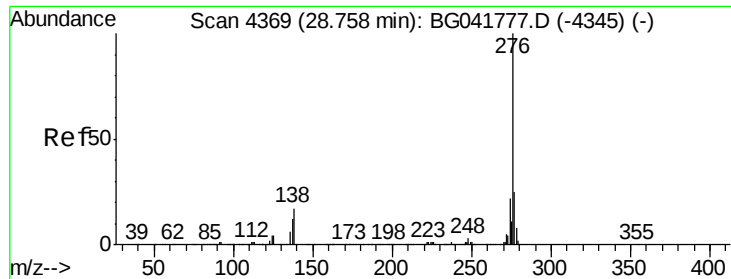


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

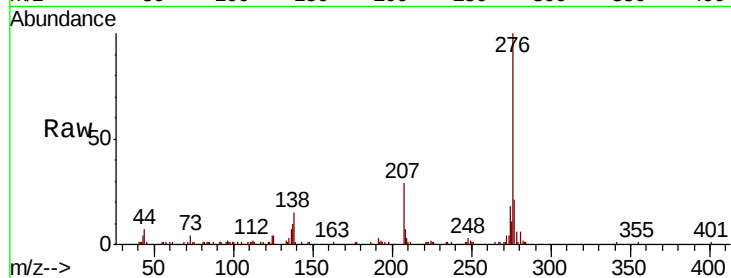




#86  
 Indeno(1,2,3-cd)pyrene  
 Concen: 2.898 ng  
 RT: 28.73 min Scan# 4364  
 Delta R.T. -0.03 min  
 Lab File: BG041820.D  
 Acq: 31 Jul 2019 2:58

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-10

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 19.2  | 19.4  | 29.0# |
| 277     | 22.4  | 21.2  | 31.8  |

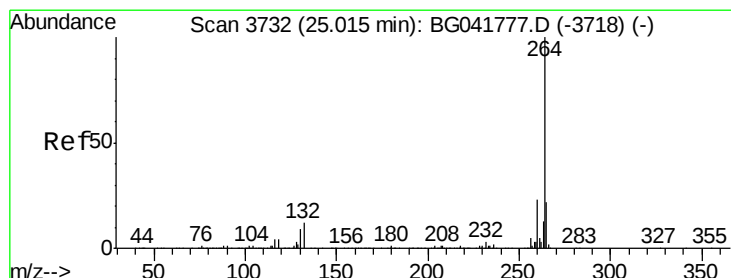
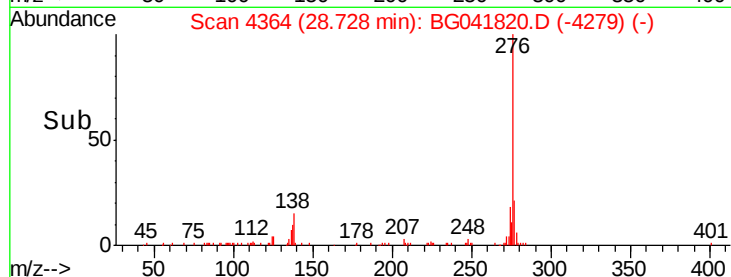
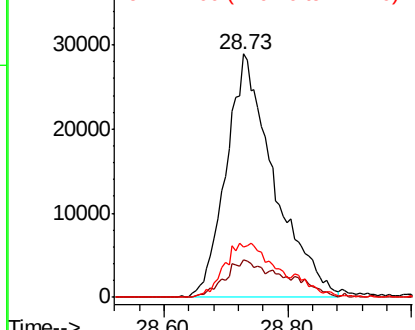


Abundance

Ion 276.00 (275.70 to 276.70): E

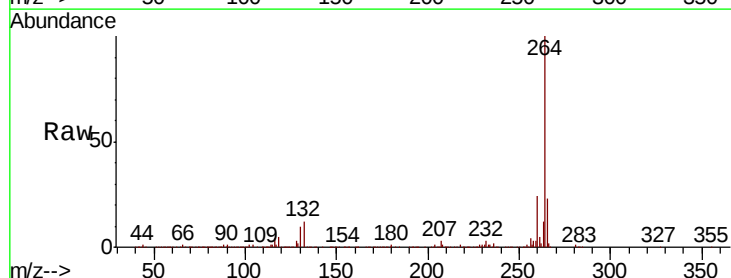
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.00 min Scan# 3730  
 Delta R.T. -0.01 min  
 Lab File: BG041820.D  
 Acq: 31 Jul 2019 2:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.0  | 19.5  | 29.3  |
| 265     | 22.6  | 18.0  | 27.0  |

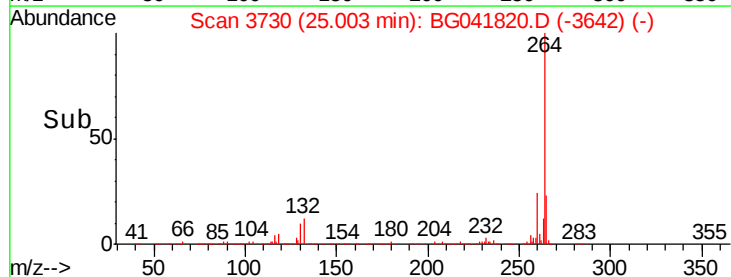
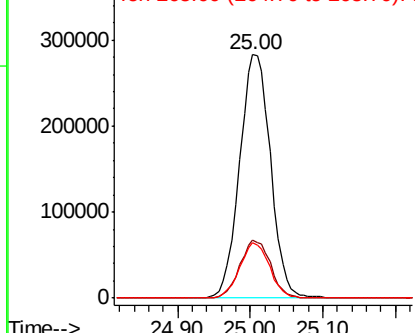


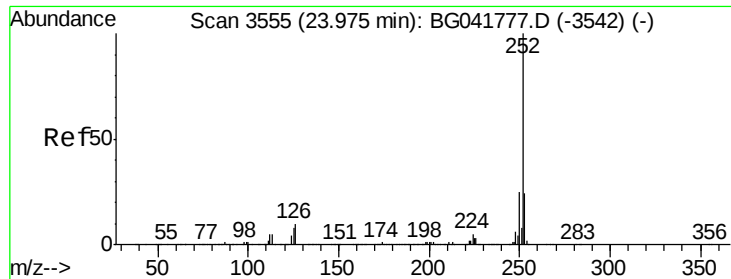
Abundance

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: 3.111 ng

RT: 23.96 min Scan# 3553

Delta R.T. -0.01 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

Instrument :

BNA\_G

ClientSampleId :

TP-10

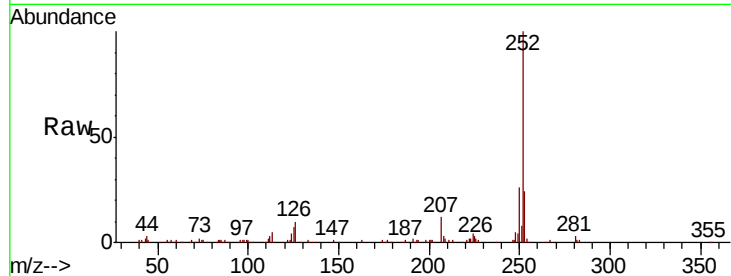
Tot Ion:252 Resp: 142528

Ion Ratio Lower Upper

252 100

253 24.1 20.6 30.8

125 6.7 8.0 12.0#

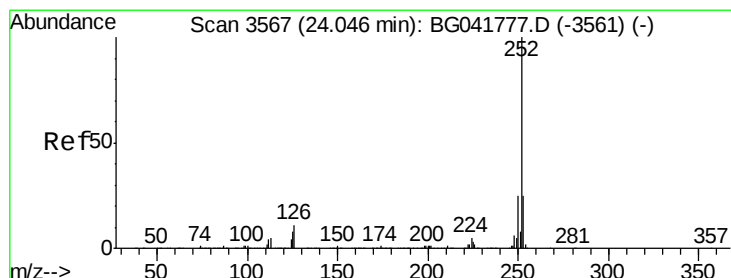
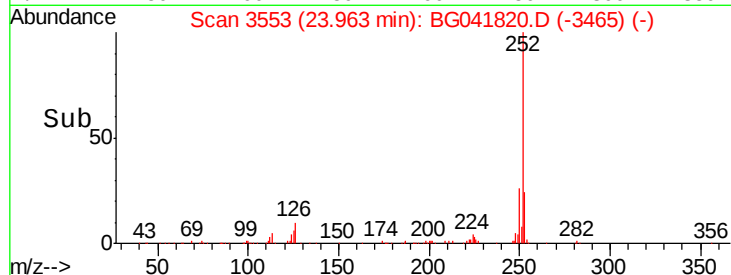
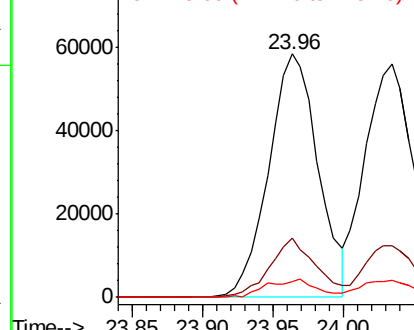


Abundance

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: 3.008 ng

RT: 24.03 min Scan# 3565

Delta R.T. -0.01 min

Lab File: BG041820.D

Acq: 31 Jul 2019 2:58

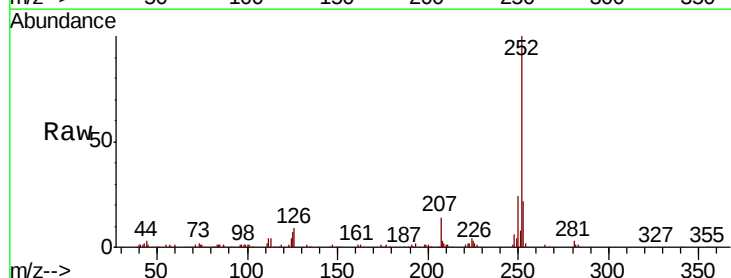
Tgt Ion:252 Resp: 134235

Ion Ratio Lower Upper

252 100

253 22.0 20.5 30.7

125 7.2 8.4 12.6#

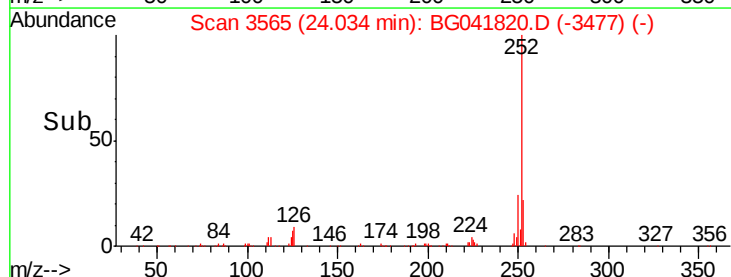
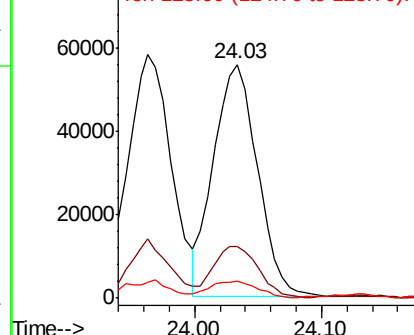


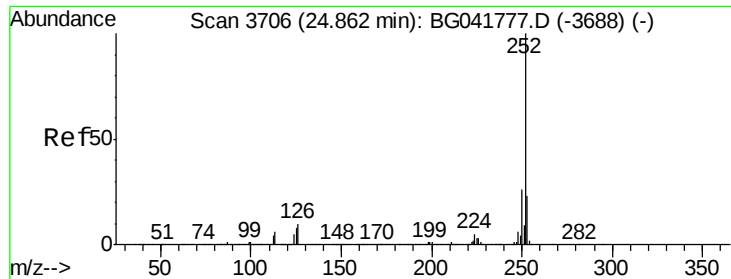
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

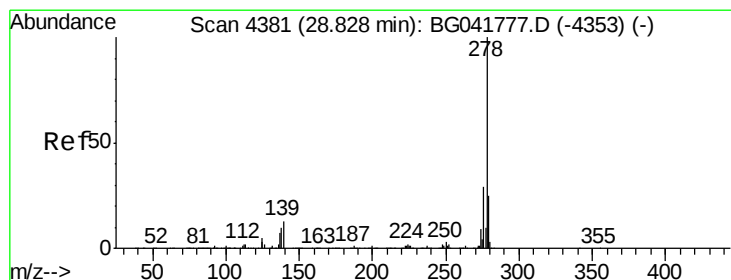
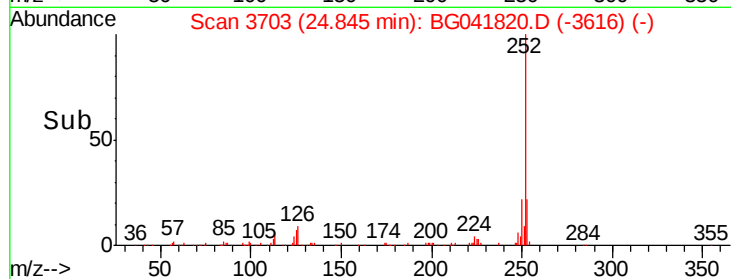
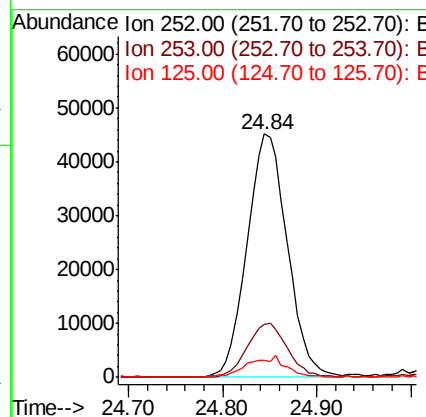
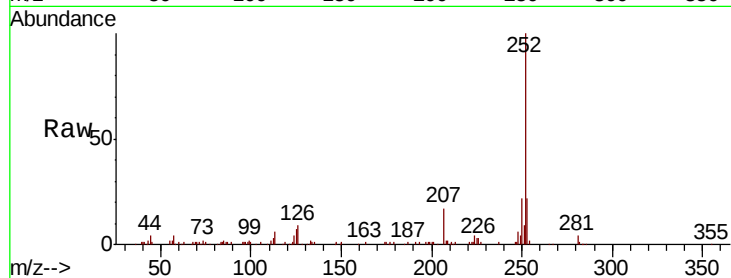




#90  
Benzo(a)pyrene  
Concen: 3.047 ng  
RT: 24.84 min Scan# 3703  
Delta R.T. -0.02 min  
Lab File: BG041820.D  
Acq: 31 Jul 2019 2:58

Instrument :  
BNA\_G  
ClientSampleId :  
TP-10

Tot Ion:252 Resp: 133869  
Ion Ratio Lower Upper  
252 100  
253 21.6 19.8 29.8  
125 7.1 8.8 13.2#



#91  
Dibenzo(a,h)anthracene  
Concen: 2.938 ng  
RT: 28.80 min Scan# 4376  
Delta R.T. -0.03 min  
Lab File: BG041820.D  
Acq: 31 Jul 2019 2:58

Tgt Ion:278 Resp: 126747  
Ion Ratio Lower Upper  
278 100  
139 10.2 12.6 19.0#  
279 25.6 20.5 30.7

