

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG031320\  
 Data File : BG044787.D  
 Acq On : 14 Mar 2020 6:50  
 Operator : CG/JU  
 Sample : L1761-10MS  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-01-031220MS

Quant Time: Mar 16 01:32:46 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG031020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 10 16:27:39 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.06  | 152  | 106954   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.86 | 136  | 437950   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.69 | 164  | 292095   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.43 | 188  | 627015   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.70 | 240  | 499191   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.92 | 264  | 580096   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.62  | 112  | 860429   | 125.23 | ng    | 0.00     |
| 7) Phenol-d6                | 7.21  | 99   | 1108340  | 111.03 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.21  | 82   | 881163   | 88.29  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.18 | 330  | 526100   | 137.56 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.31 | 172  | 1754344  | 86.01  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.04 | 244  | 2407252  | 90.20  | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|-------|------|----------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 3.54  | 88   | 110043   | 33.26 | ng    | # 23   |
| 3) Pyridine                    | 3.94  | 79   | 216185   | 22.07 | ng    | 100    |
| 4) n-Nitrosodimethylamine      | 3.83  | 42   | 154371   | 41.54 | ng    | 99     |
| 6) Aniline                     | 7.37  | 93   | 240995   | 19.40 | ng    | 96     |
| 8) 2-Chlorophenol              | 7.62  | 128  | 352116   | 51.34 | ng    | 96     |
| 9) Benzaldehyde                | 7.18  | 77   | 277393   | 48.38 | ng    | 98     |
| 10) Phenol                     | 7.24  | 94   | 427558   | 43.26 | ng    | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.47  | 93   | 351332   | 44.54 | ng    | 99     |
| 12) 1,3-Dichlorobenzene        | 7.94  | 146  | 322219   | 38.14 | ng    | 94     |
| 13) 1,4-Dichlorobenzene        | 8.09  | 146  | 319686   | 38.27 | ng    | 98     |
| 14) 1,2-Dichlorobenzene        | 8.41  | 146  | 307004   | 38.75 | ng    | 95     |
| 15) Benzyl Alcohol             | 8.28  | 79   | 376344   | 46.99 | ng    | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.58  | 45   | 546543   | 39.27 | ng    | 98     |
| 17) 2-Methylphenol             | 8.49  | 107  | 319142   | 47.67 | ng    | 95     |
| 18) Hexachloroethane           | 9.15  | 117  | 120835   | 36.75 | ng    | 95     |
| 19) n-Nitroso-di-n-propylamine | 8.86  | 70   | 311148   | 44.14 | ng    | 95     |
| 20) 3+4-Methylphenols          | 8.82  | 107  | 431350   | 46.74 | ng    | 99     |
| 22) Acetophenone               | 8.87  | 105  | 549262   | 44.27 | ng    | 98     |
| 24) Nitrobenzene               | 9.25  | 77   | 472018   | 45.58 | ng    | 97     |
| 25) Isophorone                 | 9.78  | 82   | 861497   | 44.23 | ng    | 97     |
| 26) 2-Nitrophenol              | 9.97  | 139  | 193556   | 53.17 | ng    | 97     |
| 27) 2,4-Dimethylphenol         | 10.03 | 122  | 337263   | 53.17 | ng    | 95     |
| 28) bis(2-Chloroethoxy)methane | 10.26 | 93   | 488297   | 42.01 | ng    | 99     |
| 29) 2,4-Dichlorophenol         | 10.51 | 162  | 360392   | 48.64 | ng    | 96     |
| 30) 1,2,4-Trichlorobenzene     | 10.72 | 180  | 360383   | 40.68 | ng    | 99     |
| 31) Naphthalene                | 10.91 | 128  | 1030530  | 42.48 | ng    | 99     |
| 32) Benzoic acid               | 10.16 | 122  | 180712   | 38.87 | ng    | 97     |
| 33) 4-Chloroaniline            | 11.01 | 127  | 71156    | 6.51  | ng    | 99     |
| 34) Hexachlorobutadiene        | 11.21 | 225  | 228680   | 39.25 | ng    | 98     |
| 35) Caprolactam                | 11.78 | 113  | 61337    | 21.87 | ng    | 97     |
| 36) 4-Chloro-3-methylphenol    | 12.13 | 107  | 417302   | 47.23 | ng    | 98     |
| 37) 2-Methylnaphthalene        | 12.52 | 142  | 788769   | 43.46 | ng    | 98     |
| 38) 1-Methylnaphthalene        | 12.73 | 142  | 749678   | 43.94 | ng    | 96     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.89 | 216  | 434597   | 45.18 | ng    | 98     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG031320\  
 Data File : BG044787.D  
 Acq On : 14 Mar 2020 6:50  
 Operator : CG/JU  
 Sample : L1761-10MS  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

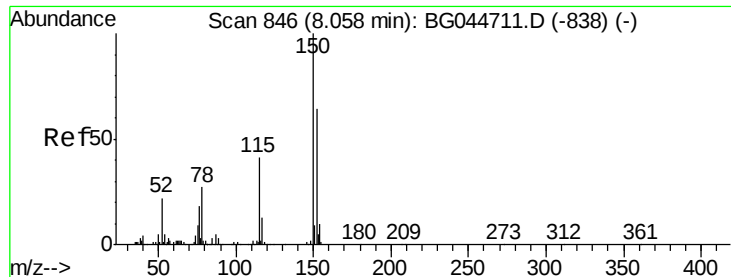
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-01-031220MS

Quant Time: Mar 16 01:32:46 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG031020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 10 16:27:39 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.87 | 237  | 207672   | 39.50  | ng    | 96       |
| 43) 2,4,6-Trichlorophenol      | 13.12 | 196  | 319902   | 50.11  | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 13.19 | 196  | 334900   | 50.58  | ng    | 96       |
| 46) 1,1'-Biphenyl              | 13.52 | 154  | 1004167  | 43.02  | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.56 | 162  | 770567   | 43.21  | ng    | 99       |
| 48) 2-Nitroaniline             | 13.75 | 65   | 297220   | 47.61  | ng    | 94       |
| 49) Acenaphthylene             | 14.41 | 152  | 1272249  | 45.54  | ng    | 100      |
| 50) Dimethylphthalate          | 14.14 | 163  | 1083519  | 46.57  | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.25 | 165  | 238218   | 50.80  | ng    | 96       |
| 52) Acenaphthene               | 14.75 | 154  | 804633   | 43.98  | ng    | 98       |
| 53) 3-Nitroaniline             | 14.58 | 138  | 129793   | 24.07  | ng    | 99       |
| 54) 2,4-Dinitrophenol          | 14.78 | 184  | 64717    | 31.99  | ng    | 92       |
| 55) Dibenzofuran               | 15.08 | 168  | 1214124  | 45.76  | ng    | 99       |
| 56) 4-Nitrophenol              | 14.88 | 139  | 352634   | 85.70  | ng    | 96       |
| 57) 2,4-Dinitrotoluene         | 15.04 | 165  | 319452   | 49.67  | ng    | 89       |
| 58) Fluorene                   | 15.73 | 166  | 980749   | 44.94  | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.23 | 232  | 297389   | 48.79  | ng    | 98       |
| 60) Diethylphthalate           | 15.51 | 149  | 1043816  | 43.02  | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.73 | 204  | 537703   | 45.76  | ng    | 98       |
| 62) 4-Nitroaniline             | 15.74 | 138  | 206149   | 35.86  | ng    | 98       |
| 63) Azobenzene                 | 16.02 | 77   | 1102800  | 43.77  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.81 | 198  | 56757    | 23.87  | ng    | 98       |
| 66) n-Nitrosodiphenylamine     | 15.94 | 169  | 888269   | 47.05  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.62 | 248  | 370450   | 47.26  | ng    | 96       |
| 68) Hexachlorobenzene          | 16.75 | 284  | 399568   | 46.99  | ng    | 97       |
| 69) Atrazine                   | 16.89 | 200  | 342565   | 49.53  | ng    | 98       |
| 70) Pentachlorophenol          | 17.09 | 266  | 476063   | 101.74 | ng    | 99       |
| 71) Phenanthrene               | 17.47 | 178  | 1532337  | 45.73  | ng    | 99       |
| 72) Anthracene                 | 17.57 | 178  | 1570401  | 47.53  | ng    | 100      |
| 73) Carbazole                  | 17.83 | 167  | 1441444  | 45.42  | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.40 | 149  | 1674549  | 43.41  | ng    | 100      |
| 75) Fluoranthene               | 19.48 | 202  | 1756116  | 44.02  | ng    | 99       |
| 77) Benzidine                  | 19.65 | 184  | 599048   | 36.97  | ng    | 98       |
| 78) Pyrene                     | 19.84 | 202  | 1753405  | 47.88  | ng    | 98       |
| 80) Butylbenzylphthalate       | 20.73 | 149  | 758590   | 46.56  | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.69 | 228  | 1674397  | 46.58  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.60 | 252  | 474241   | 34.10  | ng    | 99       |
| 83) Chrysene                   | 21.75 | 228  | 1581777  | 46.07  | ng    | 97       |
| 84) Bis(2-ethylhexyl)phthalate | 21.61 | 149  | 1034728  | 46.02  | ng    | 100      |
| 85) Di-n-octyl phthalate       | 22.83 | 149  | 1763334  | 46.86  | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 28.59 | 276  | 1950632  | 43.33  | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 23.91 | 252  | 1733867  | 45.27  | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 23.98 | 252  | 1706307  | 47.08  | ng    | 98       |
| 90) Benzo(a)pyrene             | 24.78 | 252  | 1607687  | 44.86  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.66 | 278  | 1605525  | 45.41  | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.72 | 276  | 1513493  | 42.37  | ng    | 98       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.06 min Scan# 845

Delta R.T. -0.00 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Instrument :

BNA\_G

ClientSampleId :

SU-01-031220MS

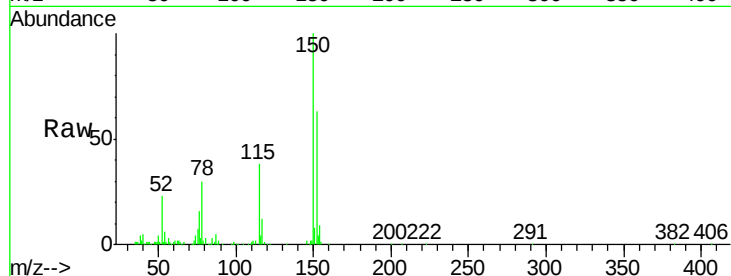
Tgt Ion:152 Resp: 106954

Ion Ratio Lower Upper

152 100

150 159.5 125.3 187.9

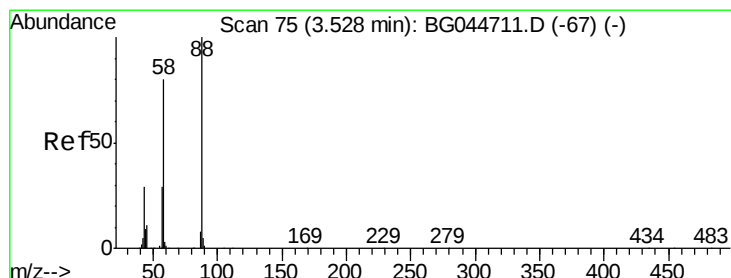
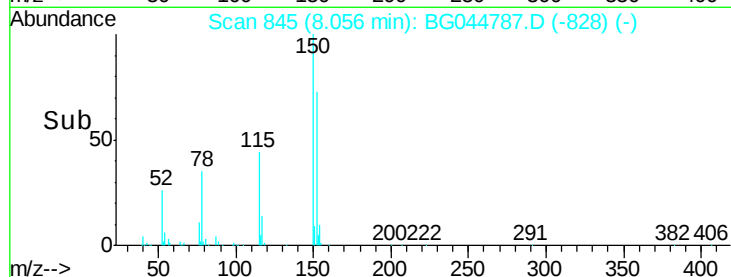
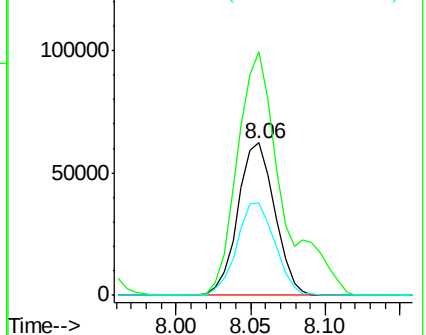
115 60.8 51.7 77.5



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: 33.26 ng

RT: 3.54 min Scan# 76

Delta R.T. 0.01 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

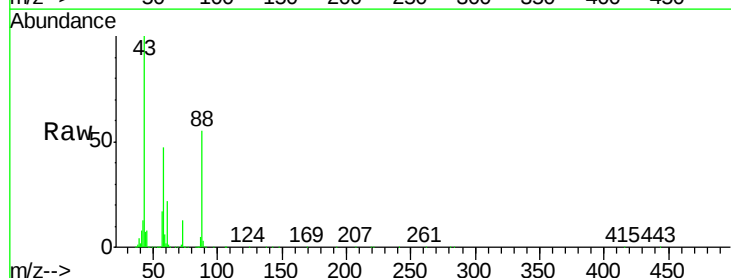
Tgt Ion: 88 Resp: 110043

Ion Ratio Lower Upper

88 100

58 83.2 63.0 94.4

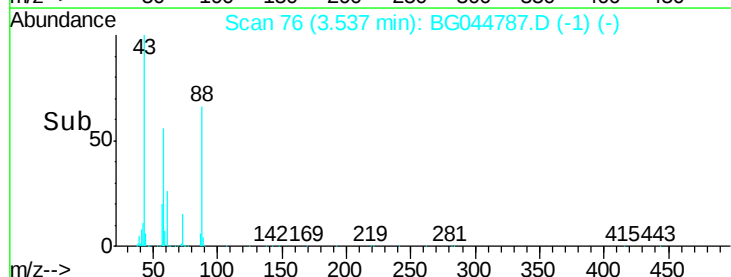
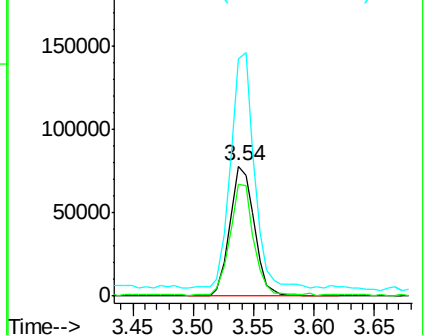
43 173.9 23.2 34.8#

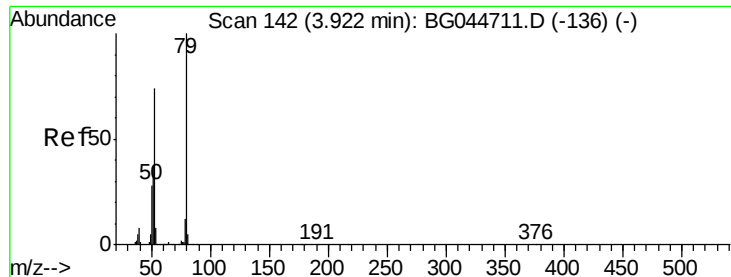


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 22.07 ng

RT: 3.94 min Scan# 144

Delta R.T. 0.01 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Instrument :

BNA\_G

ClientSampleId :

SU-01-031220MS

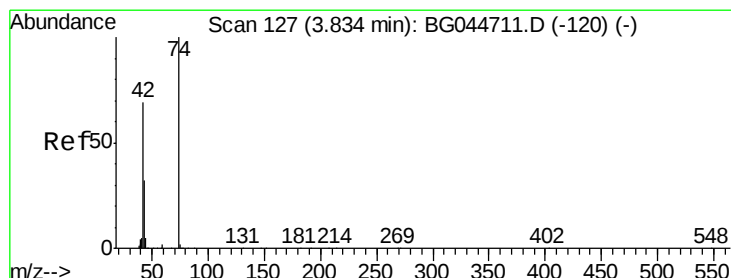
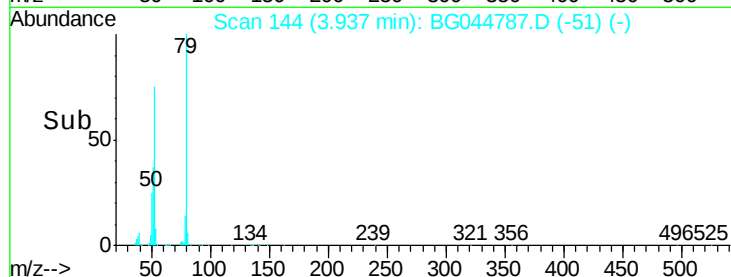
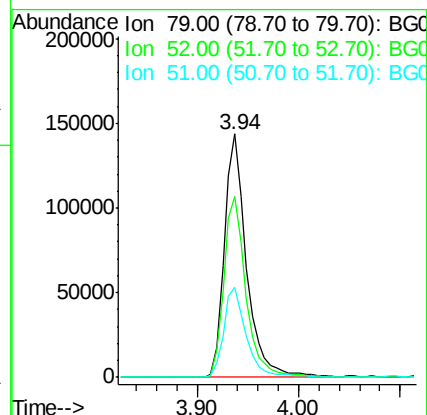
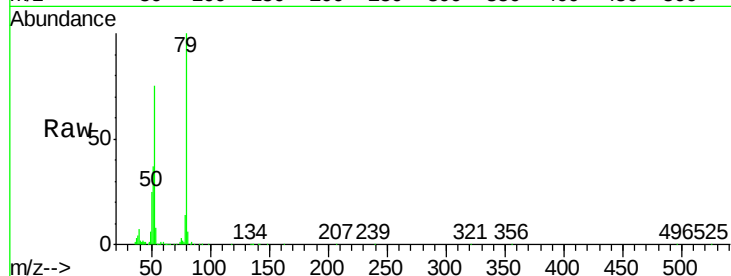
Tgt Ion: 79 Resp: 216185

Ion Ratio Lower Upper

79 100

52 74.5 59.4 89.2

51 37.2 29.7 44.5



#4

n-Nitrosodimethylamine

Concen: 41.54 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.00 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

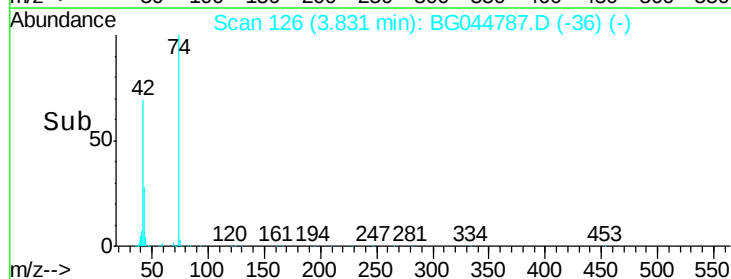
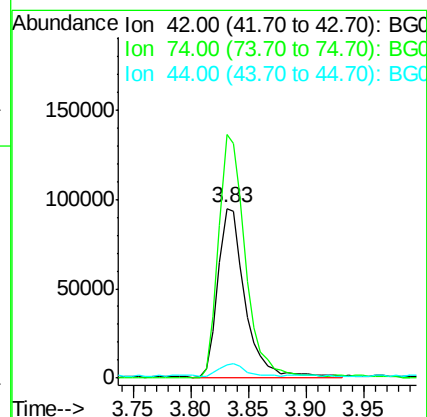
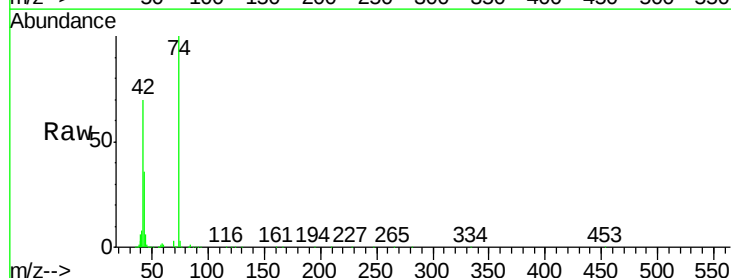
Tgt Ion: 42 Resp: 154371

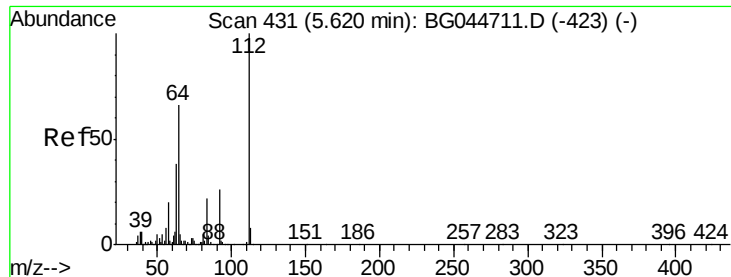
Ion Ratio Lower Upper

42 100

74 143.3 116.1 174.1

44 8.1 7.1 10.7





#5

2-Fluorophenol

Concen: 125.23 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Instrument :

BNA\_G

ClientSampleId :

SU-01-031220MS

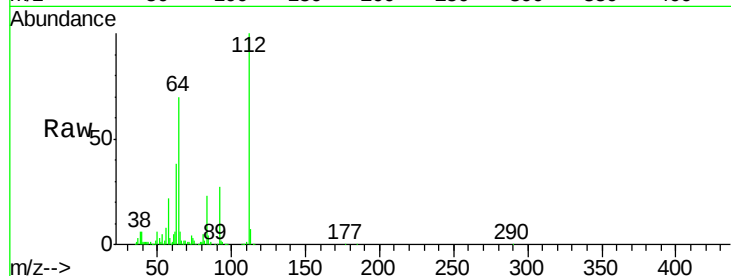
Tgt Ion: 112 Resp: 860429

Ion Ratio Lower Upper

112 100

64 69.7 52.6 78.8

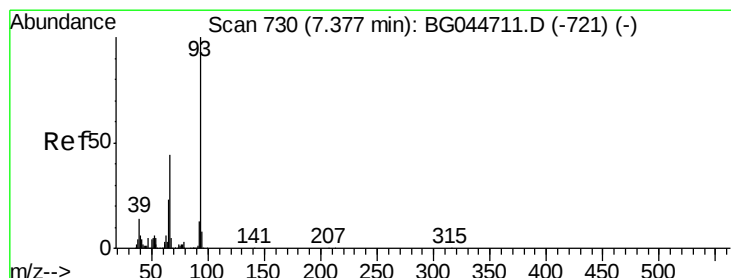
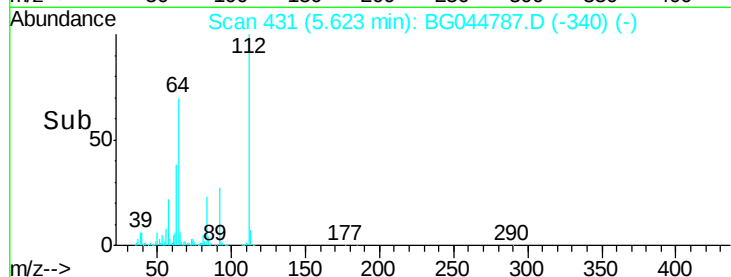
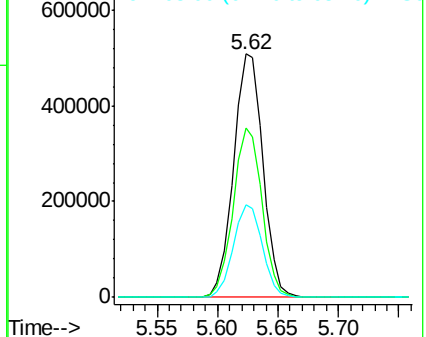
63 38.1 30.2 45.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 19.40 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

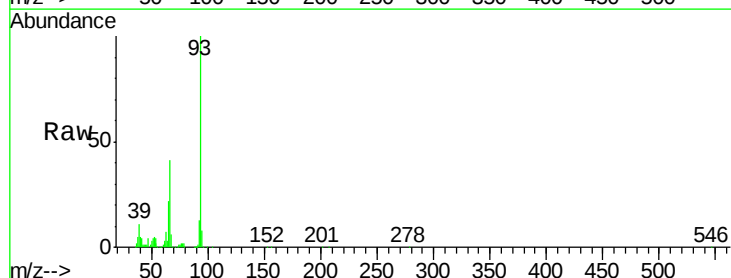
Tgt Ion: 93 Resp: 240995

Ion Ratio Lower Upper

93 100

66 40.8 35.3 52.9

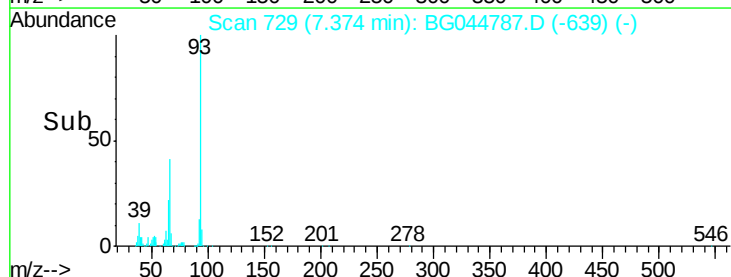
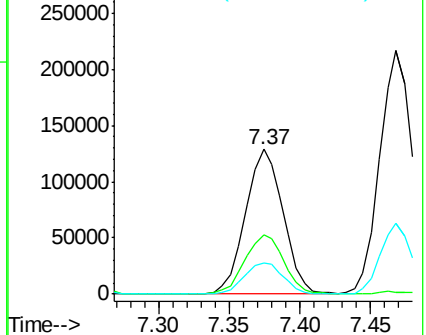
65 21.9 18.2 27.4

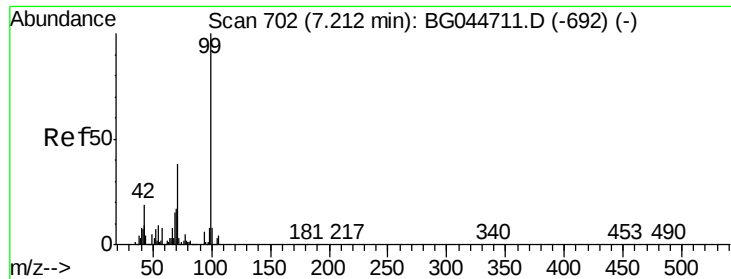


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 111.03 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Instrument :

BNA\_G

ClientSampleId :

SU-01-031220MS

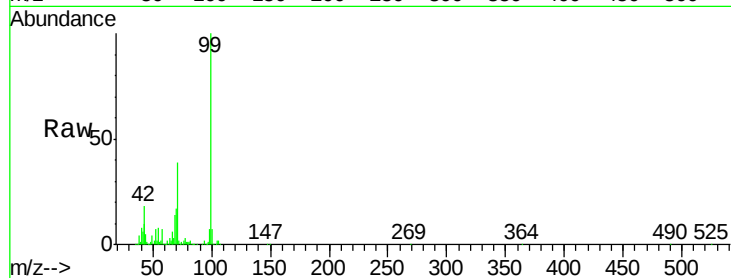
Tgt Ion: 99 Resp: 1108340

Ion Ratio Lower Upper

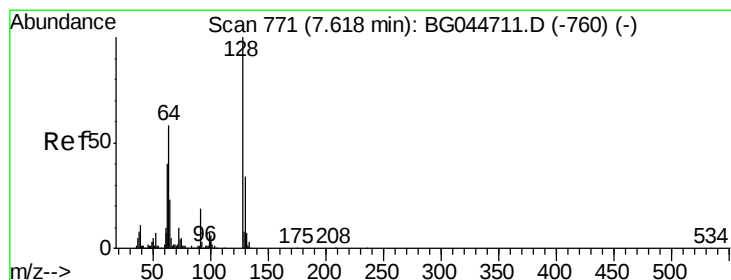
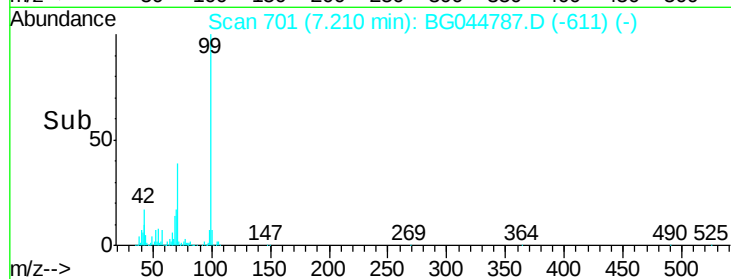
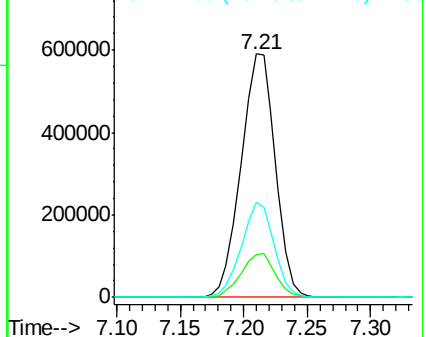
99 100

42 17.6 15.4 23.0

71 39.1 30.2 45.4



Abundance Ion 99.00 (98.70 to 99.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 51.34 ng

RT: 7.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

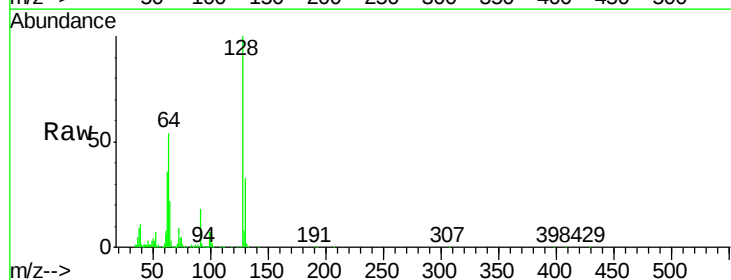
Tgt Ion: 128 Resp: 352116

Ion Ratio Lower Upper

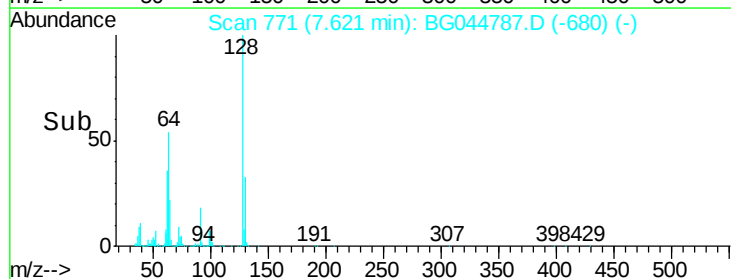
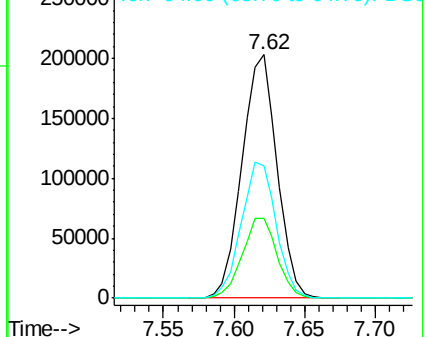
128 100

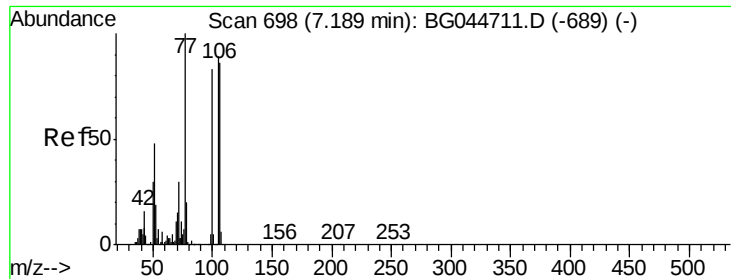
130 32.6 13.6 53.6

64 54.2 38.6 78.6



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





#9

Benzaldehyde

Concen: 48.38 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Instrument :

BNA\_G

ClientSampleId :

SU-01-031220MS

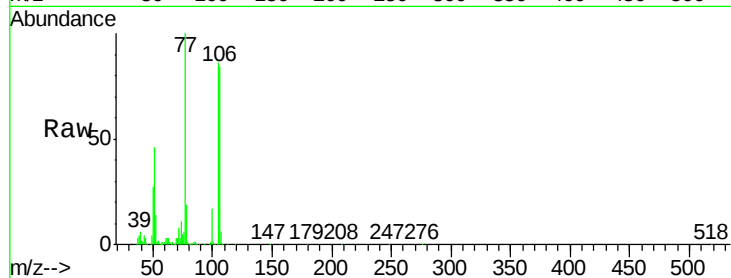
Tgt Ion: 77 Resp: 277393

Ion Ratio Lower Upper

77 100

105 86.5 68.6 108.6

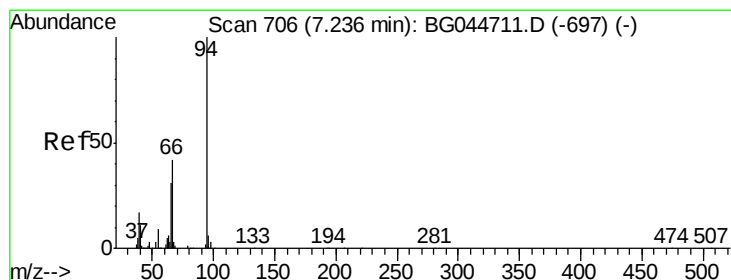
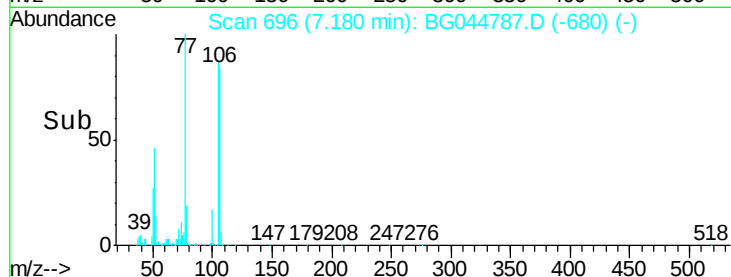
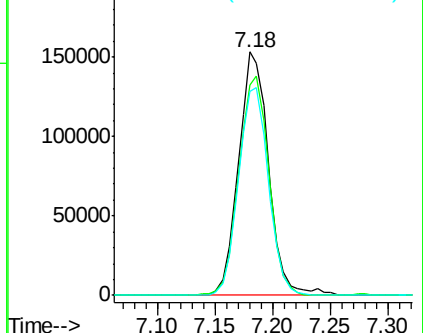
106 83.7 65.9 105.9



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 43.26 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

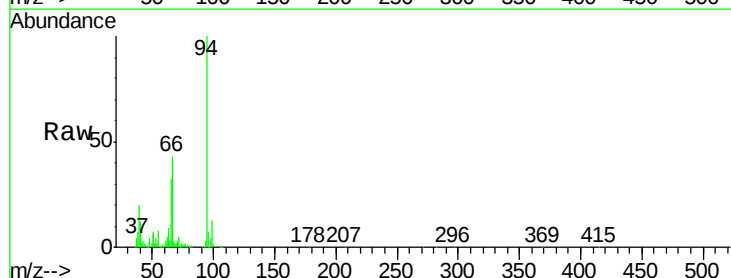
Tgt Ion: 94 Resp: 427558

Ion Ratio Lower Upper

94 100

65 32.1 11.3 51.3

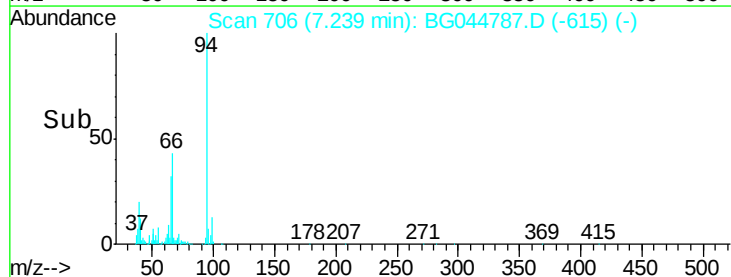
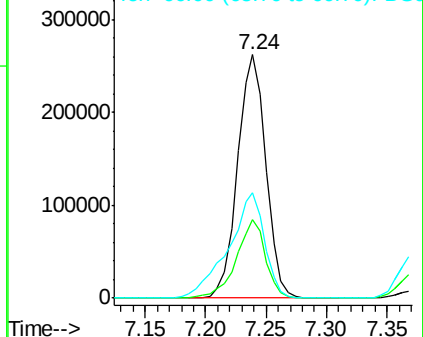
66 43.2 22.9 62.9

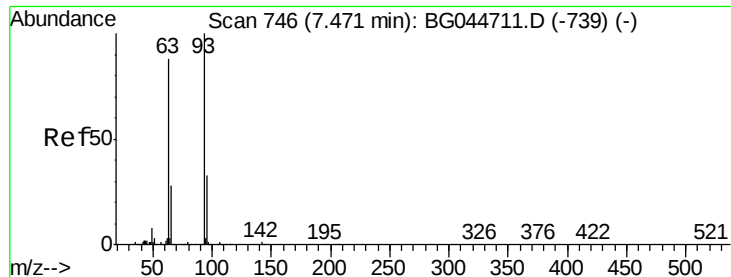


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

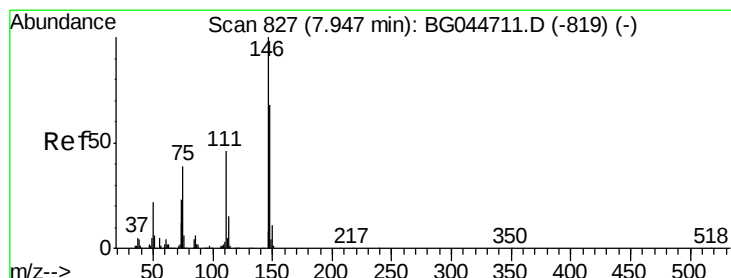
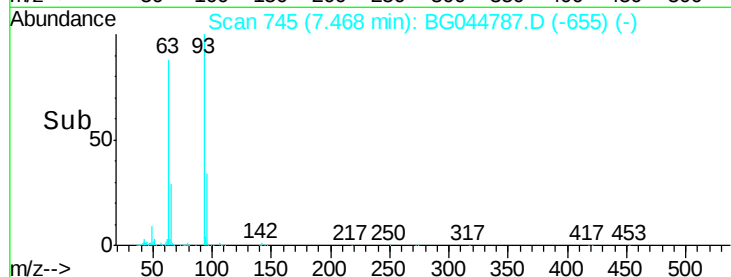
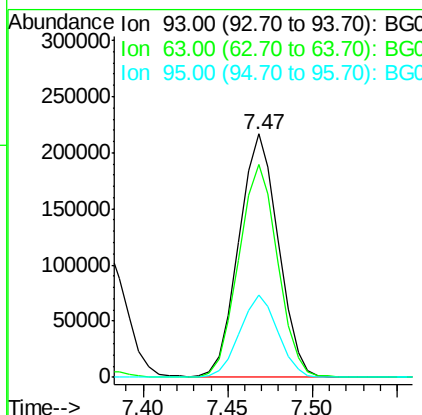
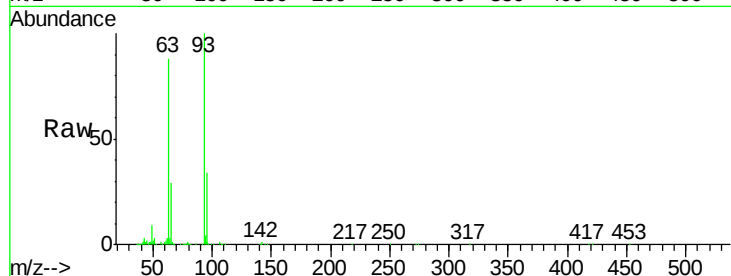




#11  
bis(2-Chloroethyl)ether  
Concen: 44.54 ng  
RT: 7.47 min Scan# 745  
Delta R.T. -0.00 min  
Lab File: BG044787.D  
Acq: 14 Mar 2020 6:50

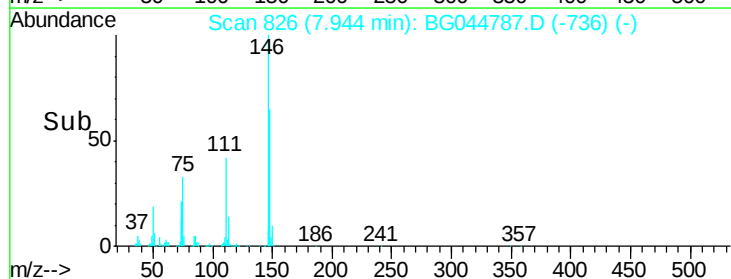
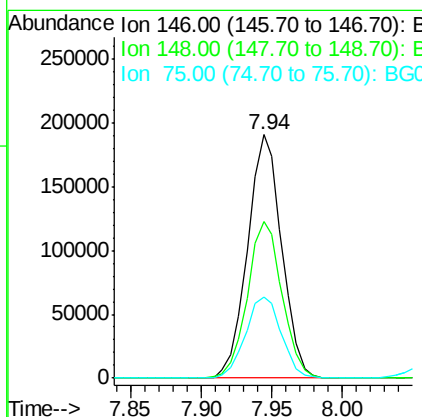
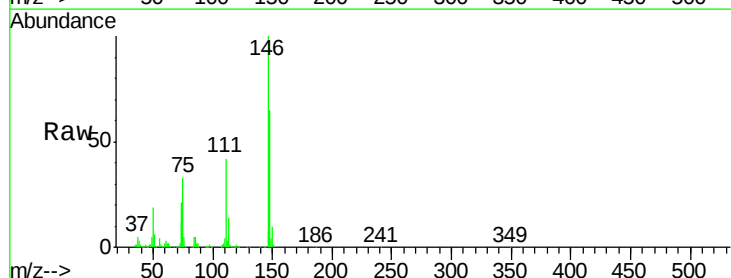
Instrument :  
BNA\_G  
ClientSampleId :  
SU-01-031220MS

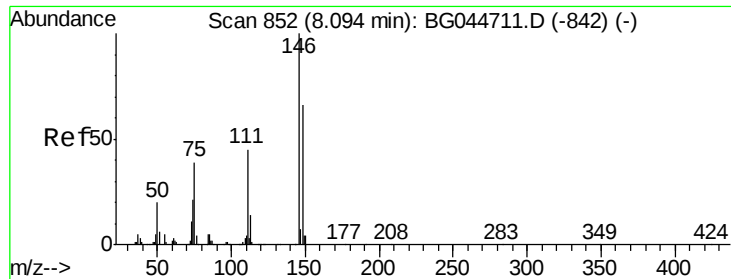
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 87.7  | 68.1  | 108.1 |
| 95      | 33.8  | 12.4  | 52.4  |



#12  
1,3-Dichlorobenzene  
Concen: 38.14 ng  
RT: 7.94 min Scan# 826  
Delta R.T. -0.00 min  
Lab File: BG044787.D  
Acq: 14 Mar 2020 6:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.6  | 54.2  | 81.2  |
| 75      | 33.4  | 31.3  | 46.9  |

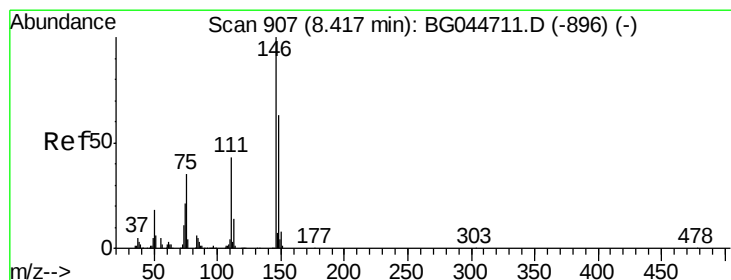
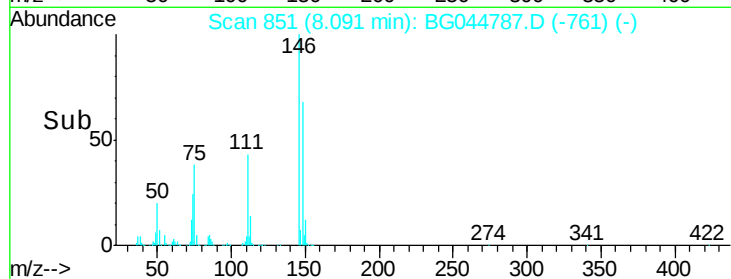
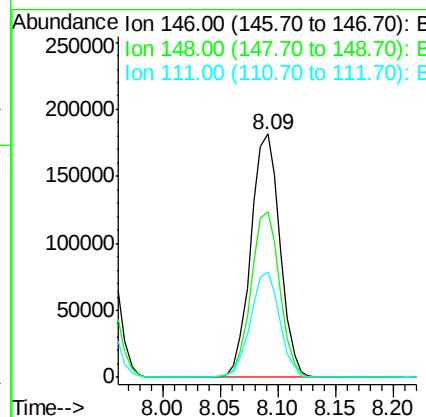
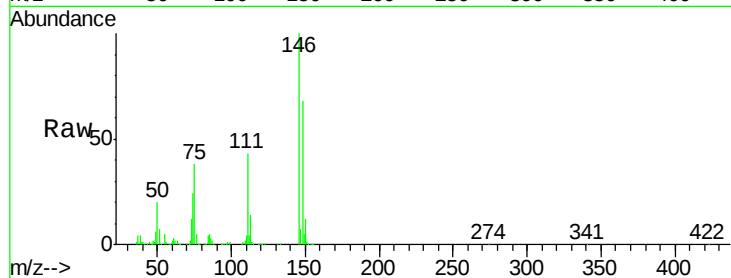




#13  
 1,4-Dichlorobenzene  
 Concen: 38.27 ng  
 RT: 8.09 min Scan# 851  
 Delta R.T. -0.00 min  
 Lab File: BG044787.D  
 Acq: 14 Mar 2020 6:50

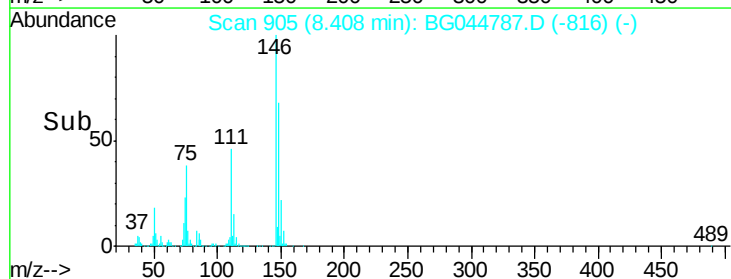
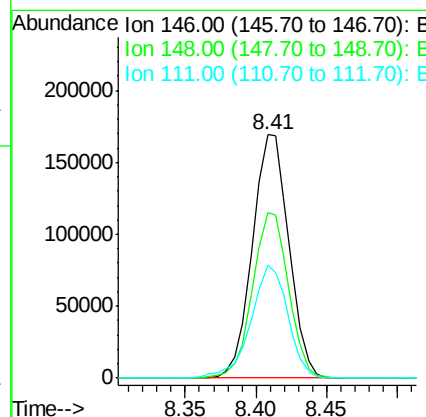
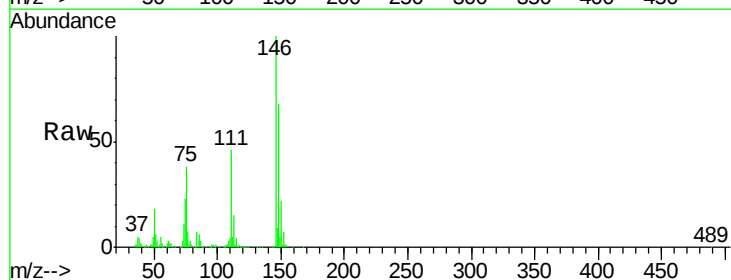
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-01-031220MS

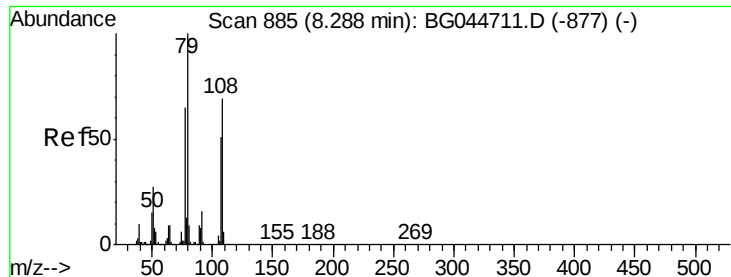
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 67.7  | 52.9  | 79.3  |
| 111     | 43.1  | 35.6  | 53.4  |



#14  
 1,2-Dichlorobenzene  
 Concen: 38.75 ng  
 RT: 8.41 min Scan# 905  
 Delta R.T. -0.01 min  
 Lab File: BG044787.D  
 Acq: 14 Mar 2020 6:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 68.1  | 50.8  | 76.2  |
| 111     | 46.4  | 34.8  | 52.2  |

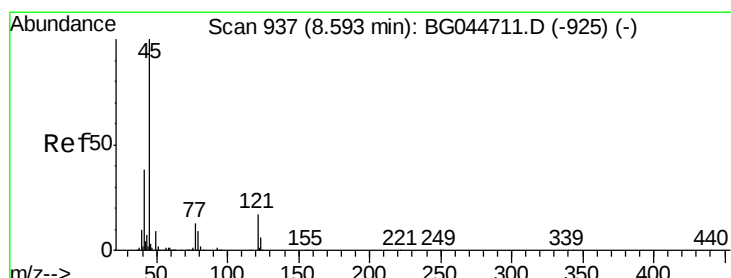
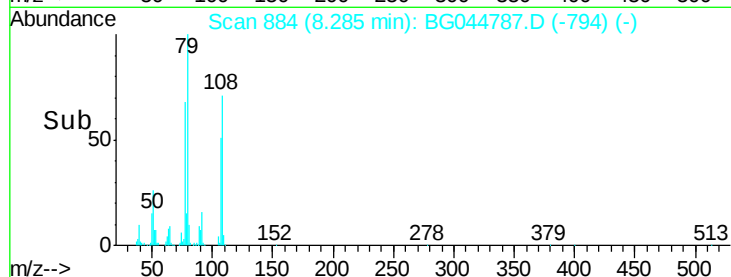
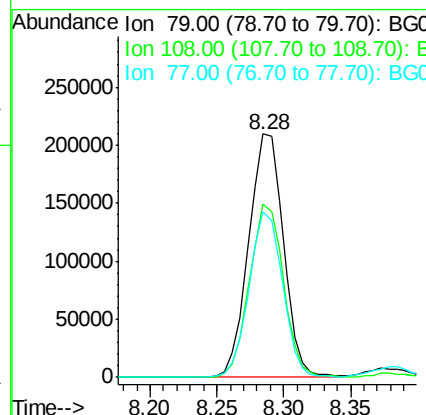
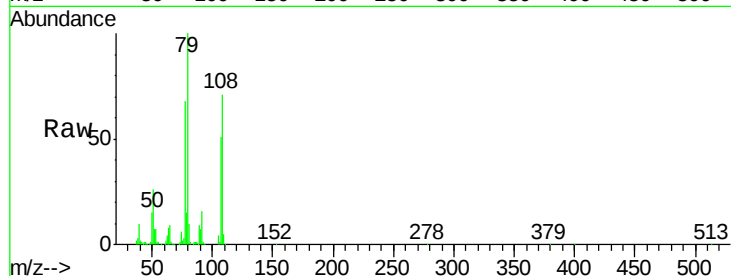




#15  
Benzyl Alcohol  
Concen: 46.99 ng  
RT: 8.28 min Scan# 884  
Delta R.T. -0.00 min  
Lab File: BG044787.D  
Acq: 14 Mar 2020 6:50

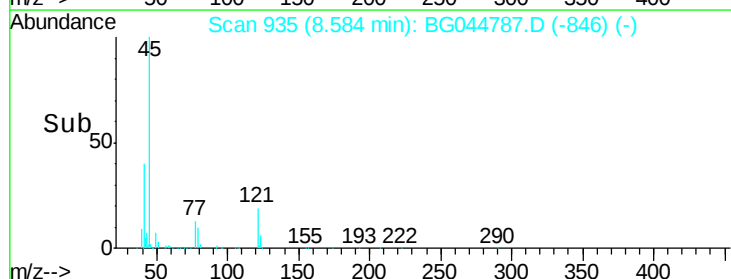
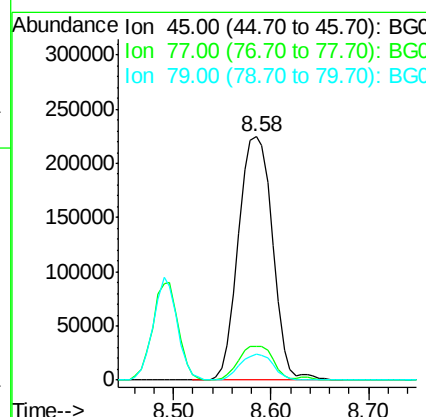
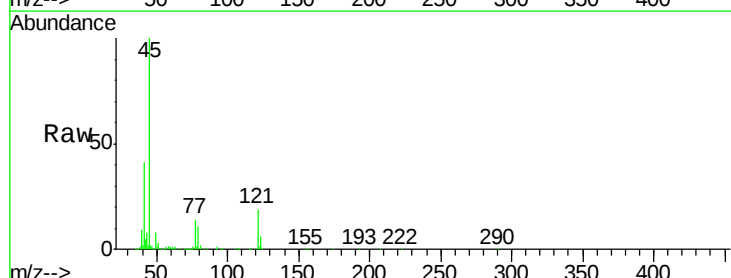
Instrument :  
BNA\_G  
ClientSampleId :  
SU-01-031220MS

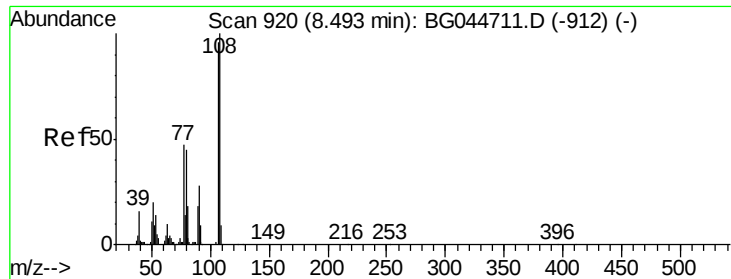
Tgt Ion: 79 Resp: 376344  
Ion Ratio Lower Upper  
79 100  
108 71.2 55.4 83.0  
77 68.0 52.2 78.4



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 39.27 ng  
RT: 8.58 min Scan# 935  
Delta R.T. -0.01 min  
Lab File: BG044787.D  
Acq: 14 Mar 2020 6:50

Tgt Ion: 45 Resp: 546543  
Ion Ratio Lower Upper  
45 100  
77 13.8 0.0 33.4  
79 10.8 0.0 30.0

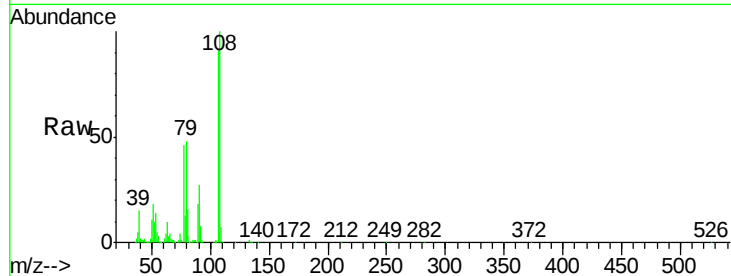




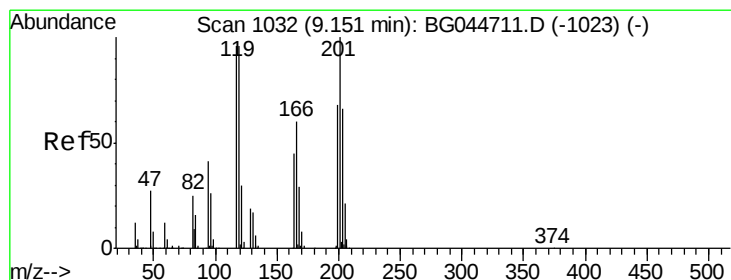
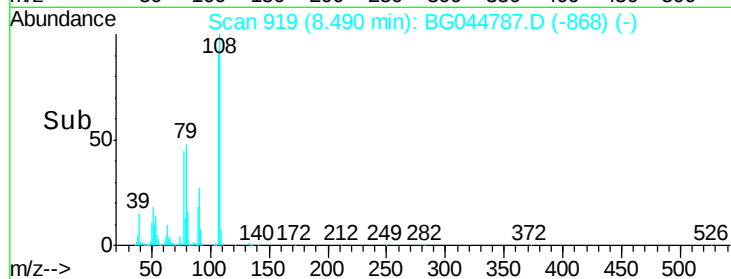
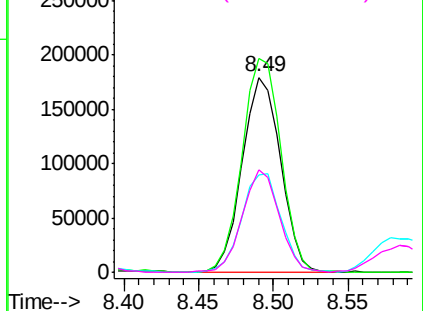
#17  
 2-Methylphenol  
 Concen: 47.67 ng  
 RT: 8.49 min Scan# 919  
 Delta R.T. -0.00 min  
 Lab File: BG044787.D  
 Acq: 14 Mar 2020 6:50

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-01-031220MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 319142 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 109.4 | 83.2  | 124.8  |
| 77       | 49.8  | 39.0  | 58.6   |
| 79       | 52.7  | 37.6  | 56.4   |

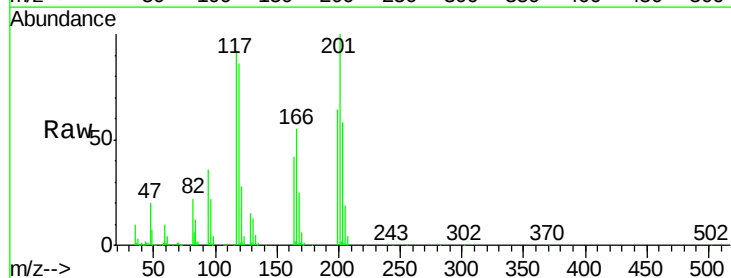


Abundance Ion 107.00 (106.70 to 107.70): E  
 Ion 108.00 (107.70 to 108.70): E  
 Ion 77.00 (76.70 to 77.70): BG  
 Ion 79.00 (78.70 to 79.70): BG

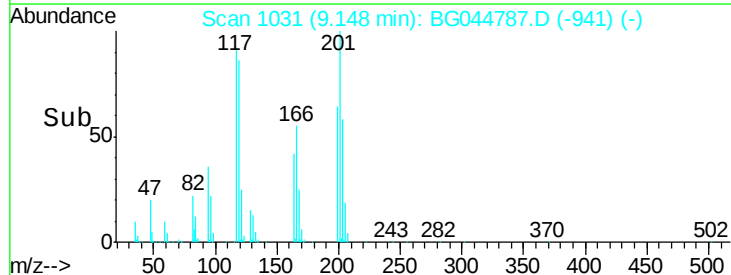
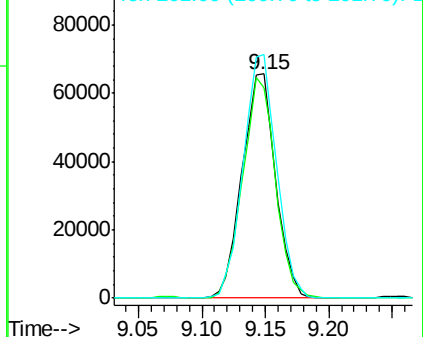


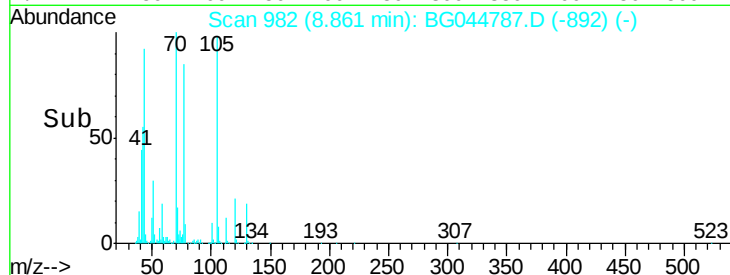
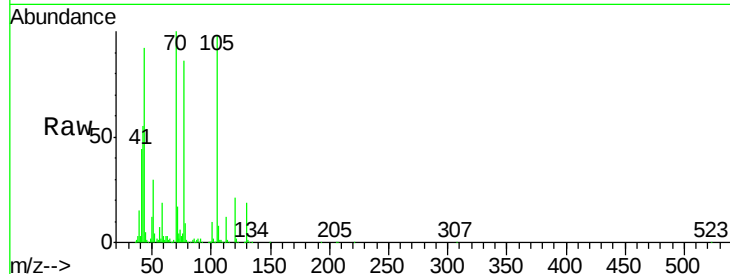
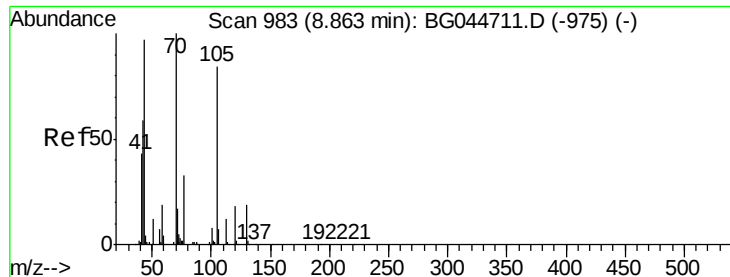
#18  
 Hexachloroethane  
 Concen: 36.75 ng  
 RT: 9.15 min Scan# 1031  
 Delta R.T. -0.00 min  
 Lab File: BG044787.D  
 Acq: 14 Mar 2020 6:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 120835 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 93.9  | 80.2  | 120.4  |
| 201      | 108.6 | 83.4  | 125.2  |



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

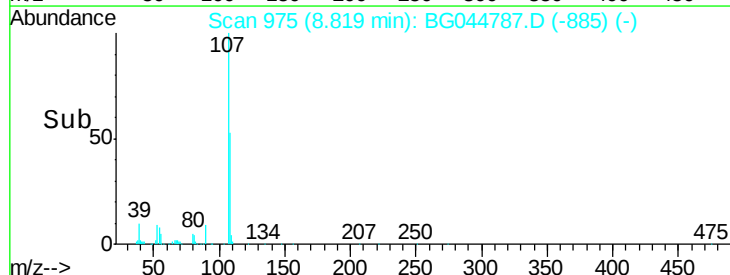
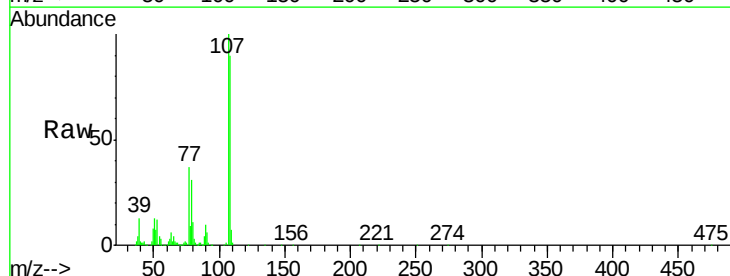
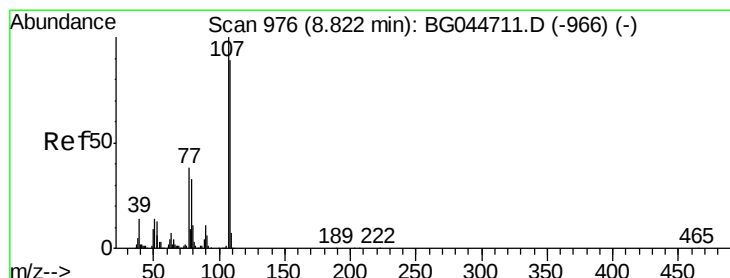
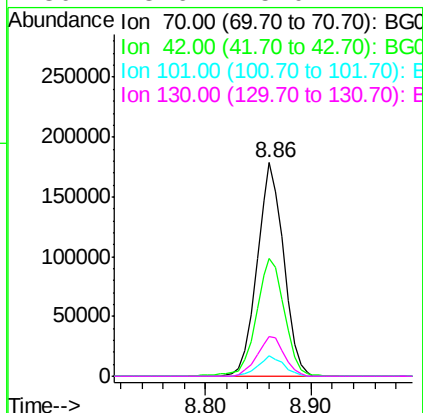




#19  
n-Nitroso-di-n-propylamine  
Concen: 44.14 ng  
RT: 8.86 min Scan# 982  
Delta R.T. -0.00 min  
Lab File: BG044787.D  
Acq: 14 Mar 2020 6:50

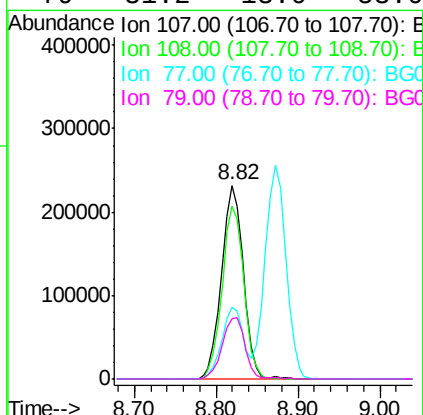
Instrument :  
BNA\_G  
ClientSampleId :  
SU-01-031220MS

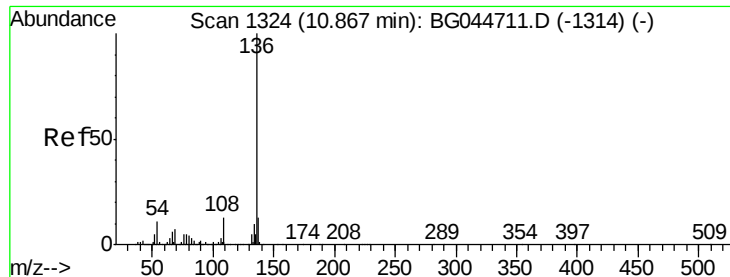
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 311148 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 55.0  | 47.6  | 71.4   |
| 101      | 9.6   | 6.5   | 9.7    |
| 130      | 18.6  | 15.0  | 22.4   |



#20  
3+4-Methylphenols  
Concen: 46.74 ng  
RT: 8.82 min Scan# 975  
Delta R.T. -0.00 min  
Lab File: BG044787.D  
Acq: 14 Mar 2020 6:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 431350 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 89.5  | 69.1  | 109.1  |
| 77       | 37.1  | 17.7  | 57.7   |
| 79       | 31.2  | 13.0  | 53.0   |

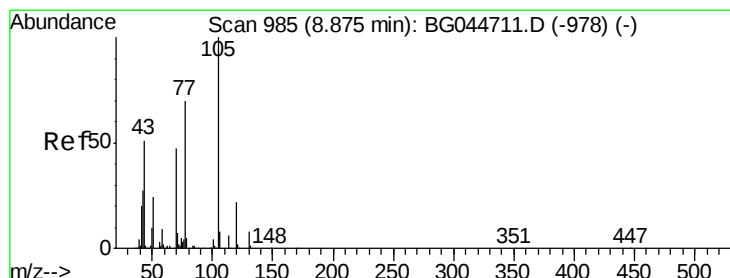
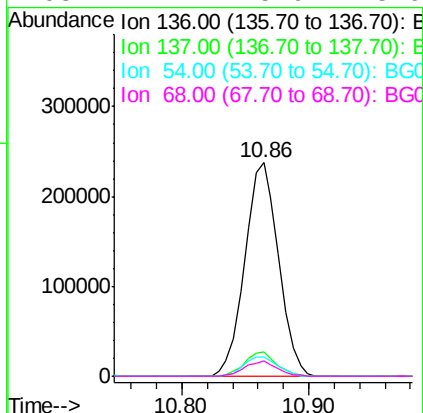
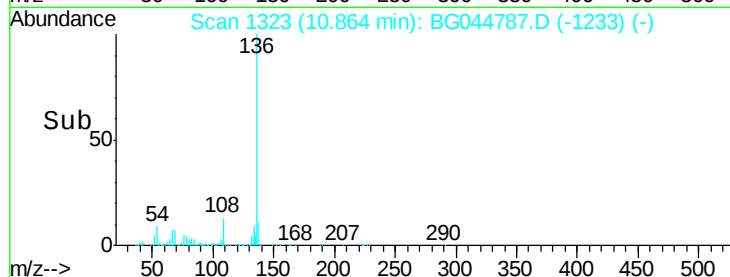
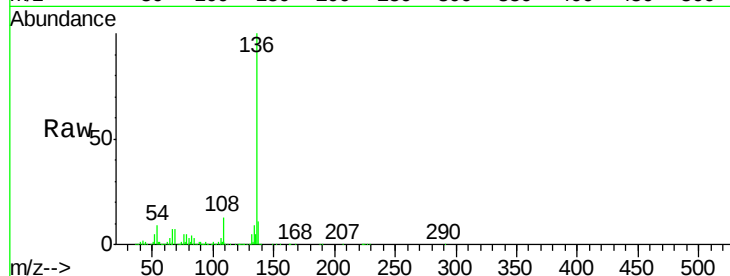




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.86 min Scan# 1323  
Delta R.T. -0.00 min  
Lab File: BG044787.D  
Acq: 14 Mar 2020 6:50

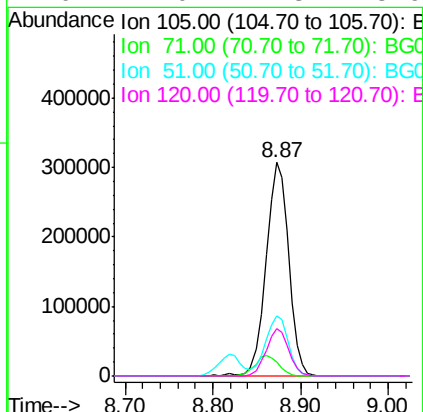
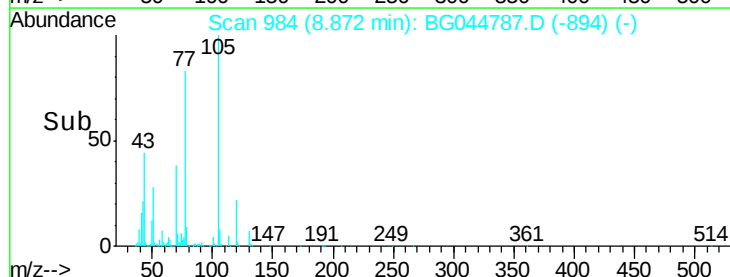
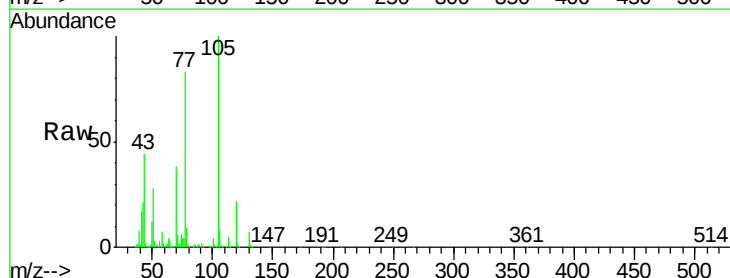
Instrument :  
BNA\_G  
ClientSampleId :  
SU-01-031220MS

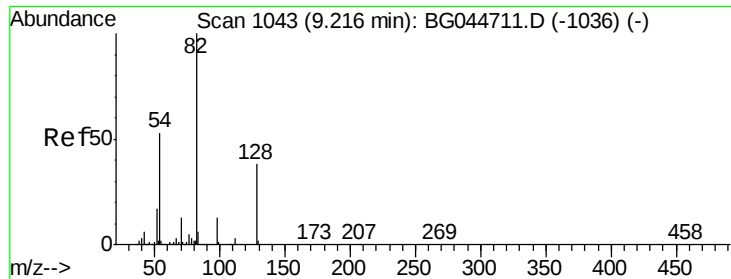
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 437950 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.5  | 10.7  | 16.1   |
| 54       | 9.2   | 9.0   | 13.4   |
| 68       | 7.2   | 5.9   | 8.9    |



#22  
Acetophenone  
Concen: 44.27 ng  
RT: 8.87 min Scan# 984  
Delta R.T. -0.00 min  
Lab File: BG044787.D  
Acq: 14 Mar 2020 6:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 549262 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 6.5   | 5.8   | 8.8    |
| 51       | 27.9  | 23.8  | 35.8   |
| 120      | 22.0  | 17.3  | 25.9   |

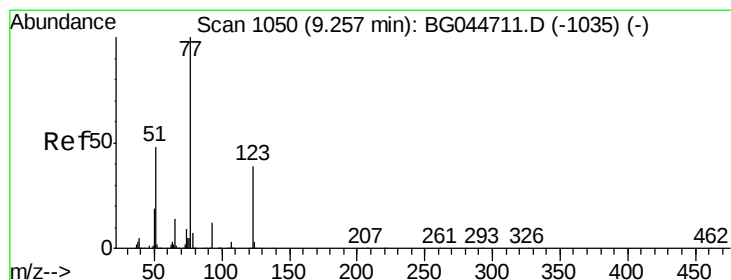
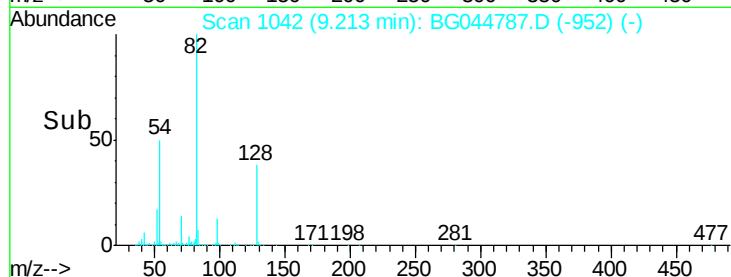
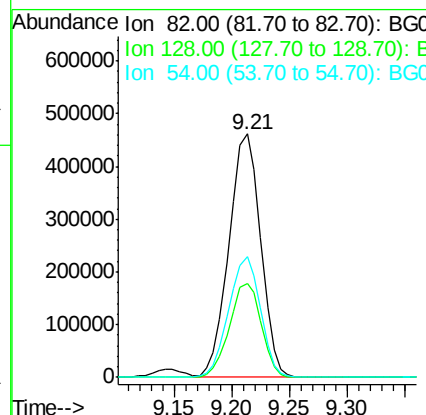
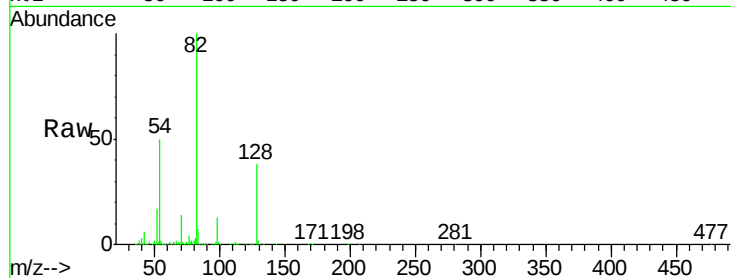




#23  
 Nitrobenzene-d5  
 Concen: 88.29 ng  
 RT: 9.21 min Scan# 1042  
 Delta R.T. -0.00 min  
 Lab File: BG044787.D  
 Acq: 14 Mar 2020 6:50

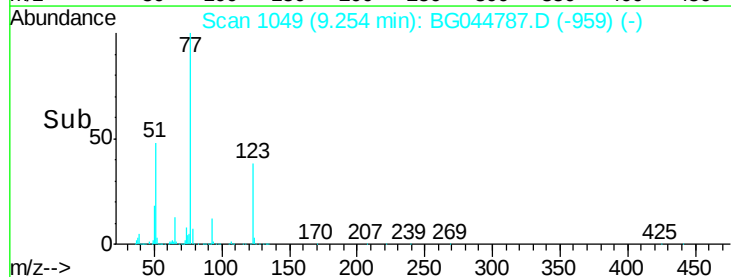
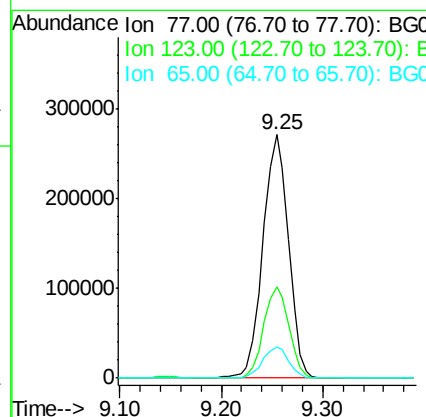
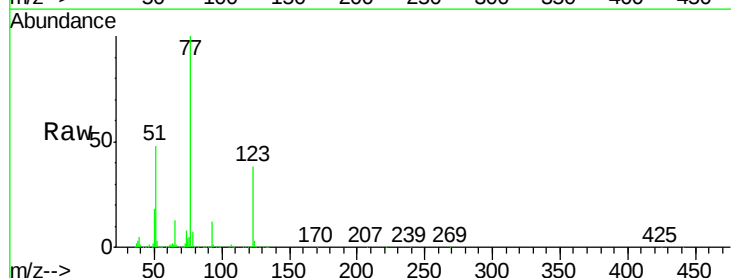
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-01-031220MS

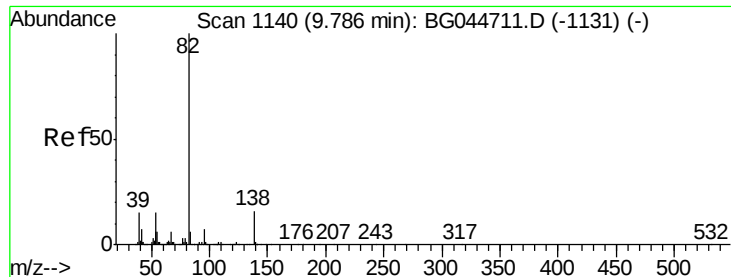
Tgt Ion: 82 Resp: 881163  
 Ion Ratio Lower Upper  
 82 100  
 128 38.3 30.2 45.2  
 54 49.7 41.8 62.8



#24  
 Nitrobenzene  
 Concen: 45.58 ng  
 RT: 9.25 min Scan# 1049  
 Delta R.T. -0.00 min  
 Lab File: BG044787.D  
 Acq: 14 Mar 2020 6:50

Tgt Ion: 77 Resp: 472018  
 Ion Ratio Lower Upper  
 77 100  
 123 37.7 31.5 47.3  
 65 12.8 11.0 16.4





#25

Isophorone

Concen: 44.23 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Instrument :

BNA\_G

ClientSampleId :

SU-01-031220MS

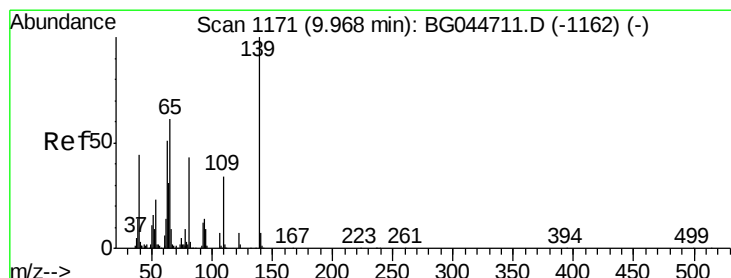
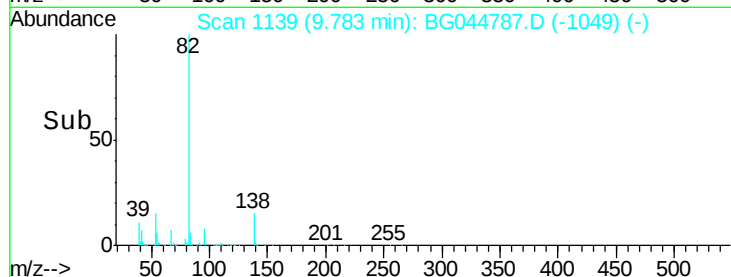
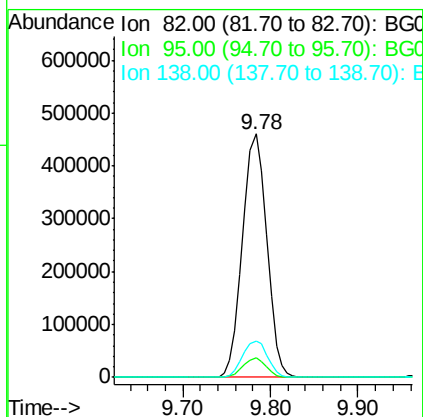
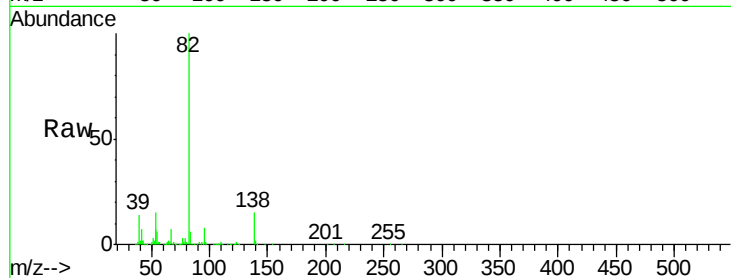
Tgt Ion: 82 Resp: 861497

Ion Ratio Lower Upper

82 100

95 8.1 5.6 8.4

138 14.7 13.0 19.4



#26

2-Nitrophenol

Concen: 53.17 ng

RT: 9.97 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

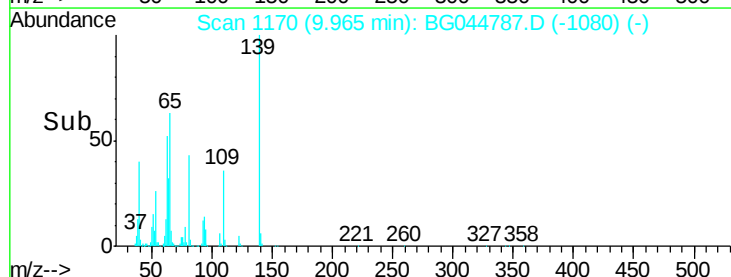
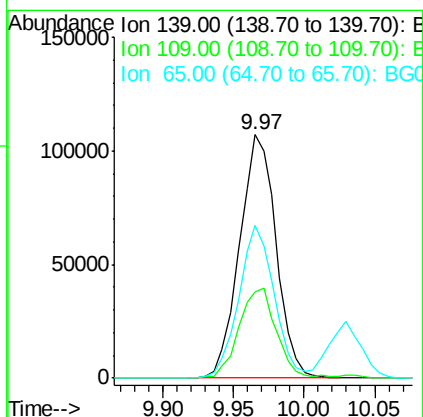
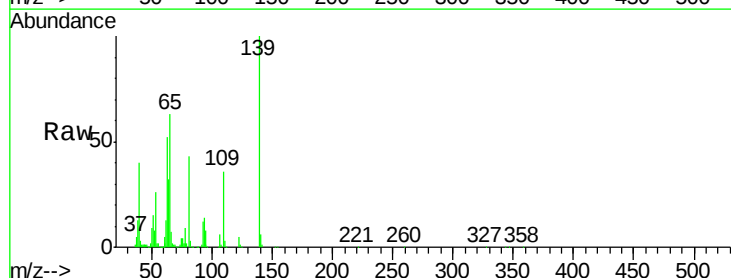
Tgt Ion: 139 Resp: 193556

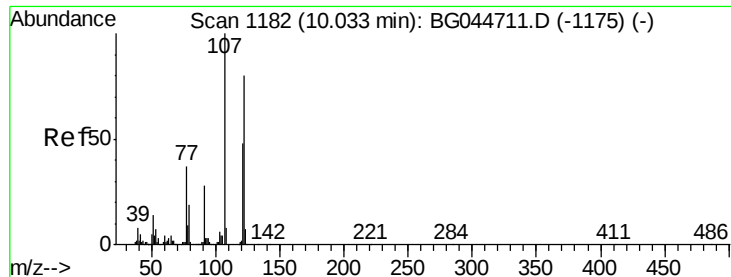
Ion Ratio Lower Upper

139 100

109 35.7 27.0 40.4

65 62.6 48.6 73.0

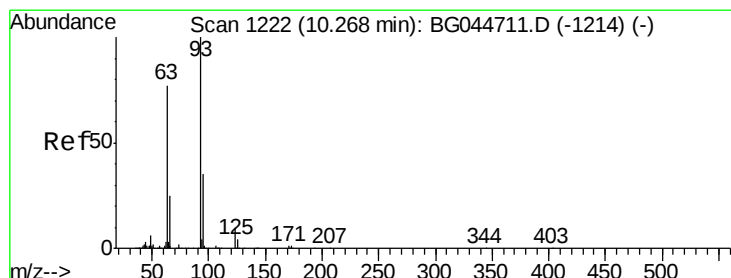
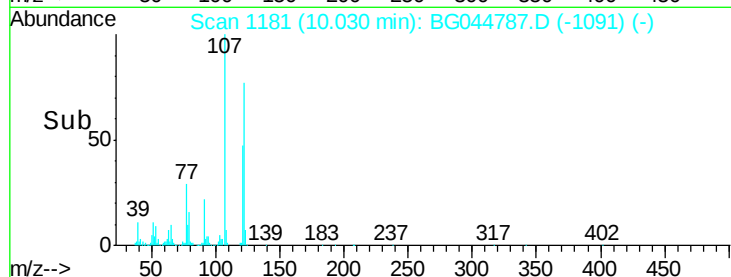
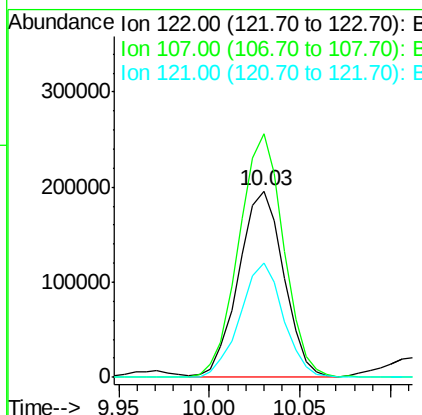
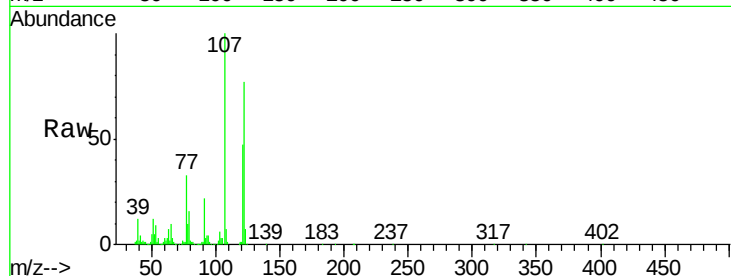




#27  
2,4-Dimethylphenol  
Concen: 53.17 ng  
RT: 10.03 min Scan# 1181  
Delta R.T. -0.00 min  
Lab File: BG044787.D  
Acq: 14 Mar 2020 6:50

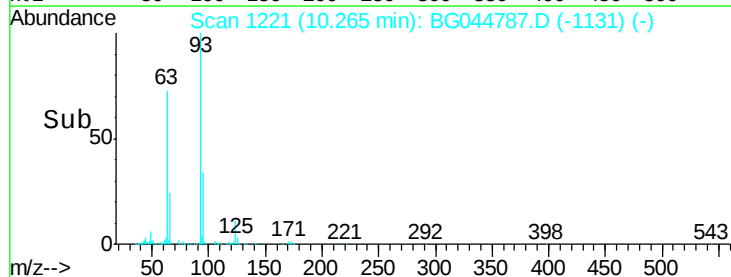
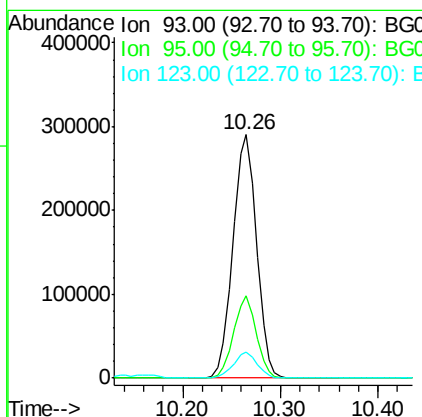
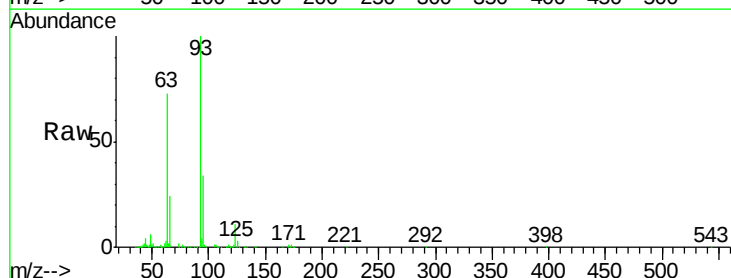
Instrument :  
BNA\_G  
ClientSampleId :  
SU-01-031220MS

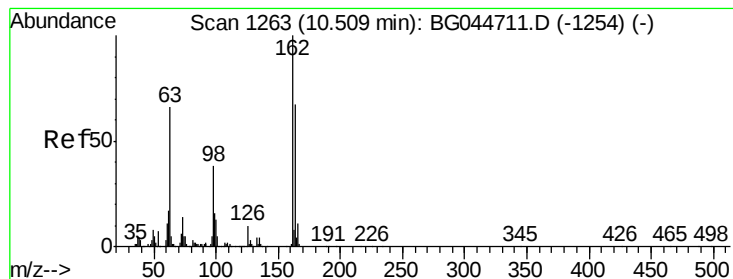
Tgt Ion:122 Resp: 337263  
Ion Ratio Lower Upper  
122 100  
107 130.6 99.0 148.6  
121 61.1 47.6 71.4



#28  
bis(2-Chloroethoxy)methane  
Concen: 42.01 ng  
RT: 10.26 min Scan# 1221  
Delta R.T. -0.00 min  
Lab File: BG044787.D  
Acq: 14 Mar 2020 6:50

Tgt Ion: 93 Resp: 488297  
Ion Ratio Lower Upper  
93 100  
95 33.8 27.7 41.5  
123 10.8 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 48.64 ng

RT: 10.51 min Scan# 1262

Delta R.T. -0.00 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Instrument :

BNA\_G

ClientSampleId :

SU-01-031220MS

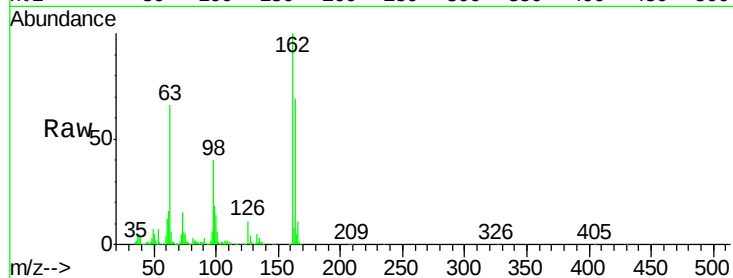
Tgt Ion:162 Resp: 360392

Ion Ratio Lower Upper

162 100

164 69.2 46.5 86.5

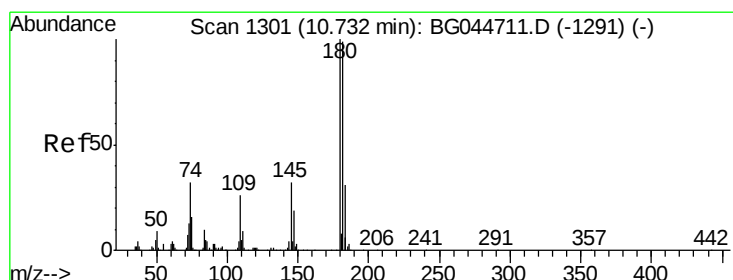
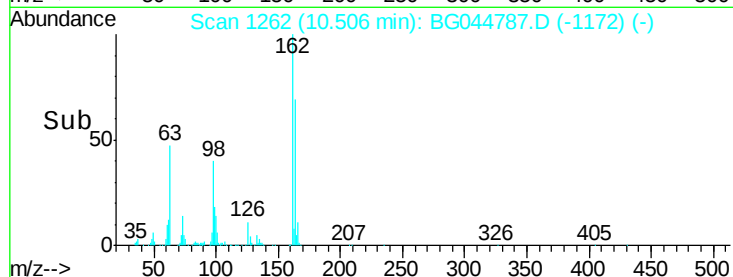
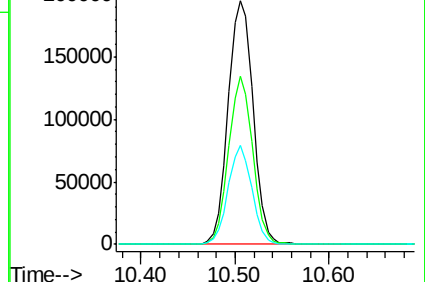
98 40.5 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 40.68 ng

RT: 10.72 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

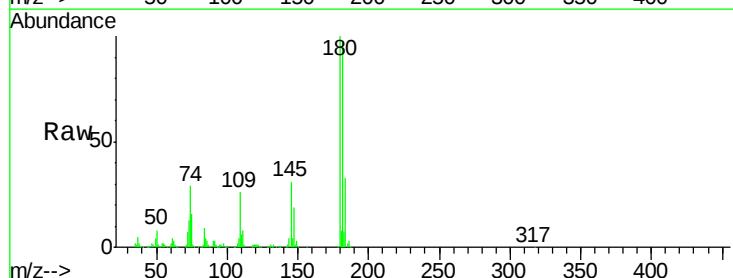
Tgt Ion:180 Resp: 360383

Ion Ratio Lower Upper

180 100

182 97.1 78.8 118.2

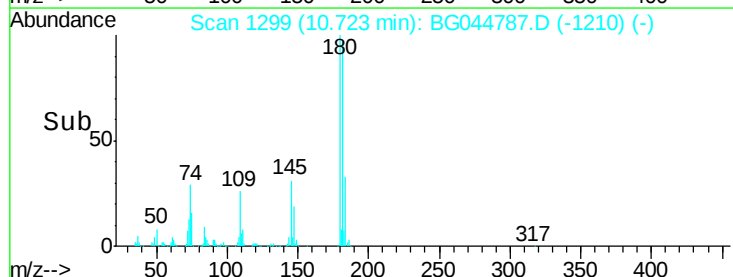
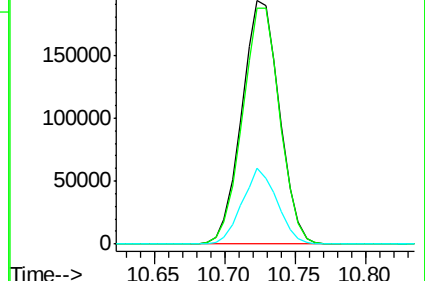
145 31.1 25.4 38.0

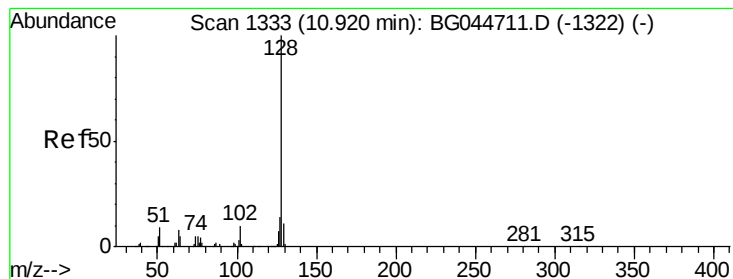


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.48 ng

RT: 10.91 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Instrument :

BNA\_G

ClientSampleId :

SU-01-031220MS

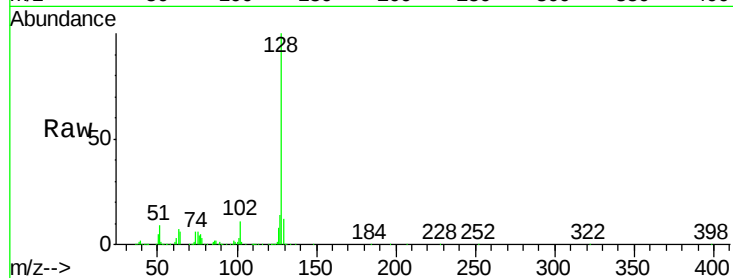
Tgt Ion:128 Resp: 1030530

Ion Ratio Lower Upper

128 100

129 11.7 9.0 13.4

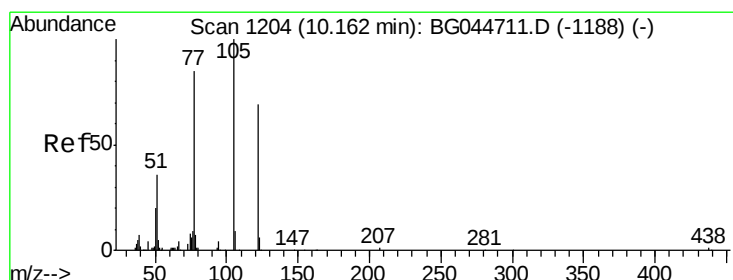
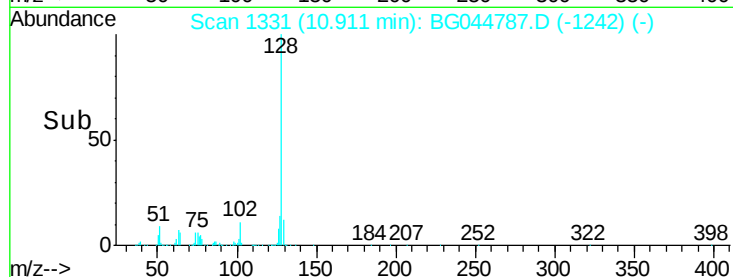
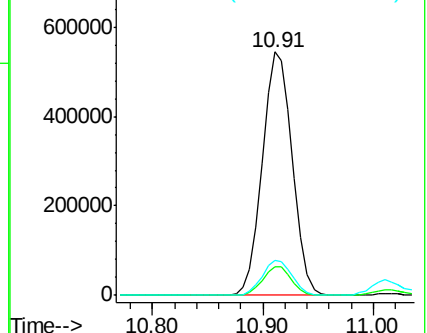
127 14.3 11.0 16.6



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: 38.87 ng

RT: 10.16 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

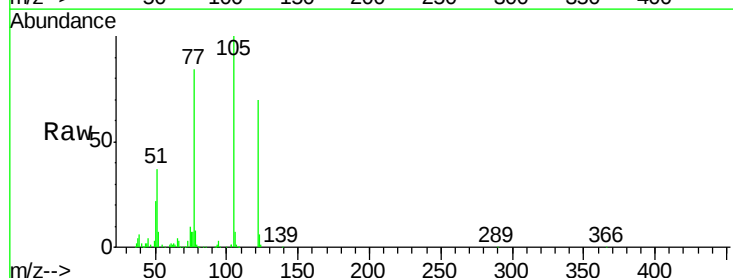
Tgt Ion:122 Resp: 180712

Ion Ratio Lower Upper

122 100

105 142.7 119.0 159.0

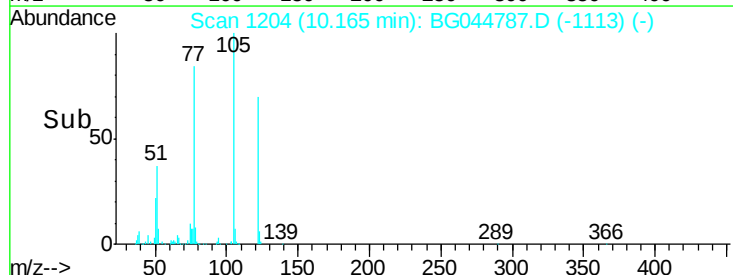
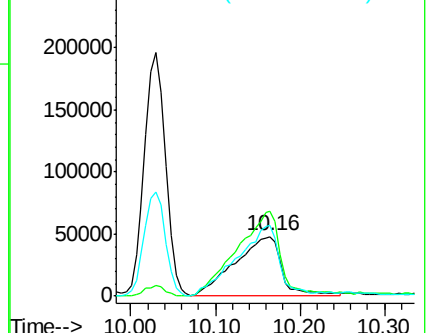
77 119.8 96.4 136.4

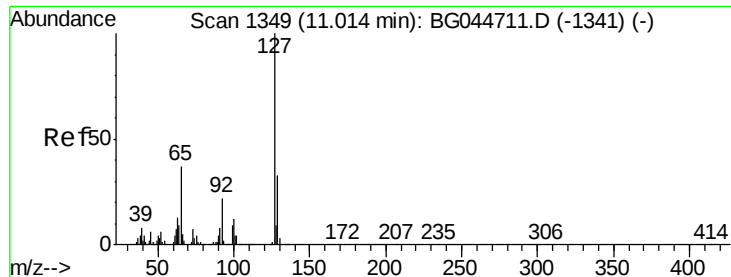


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

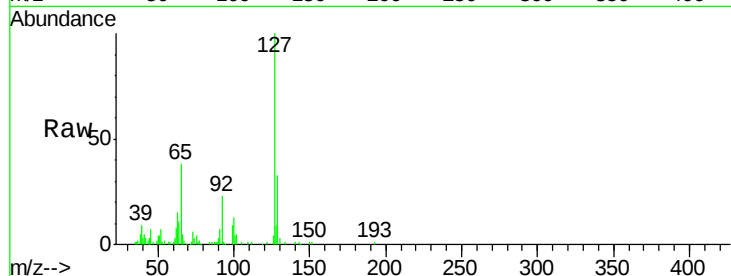




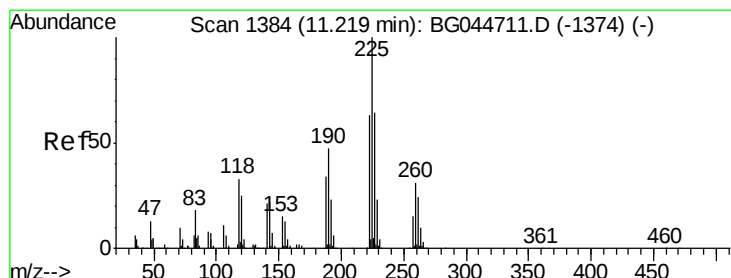
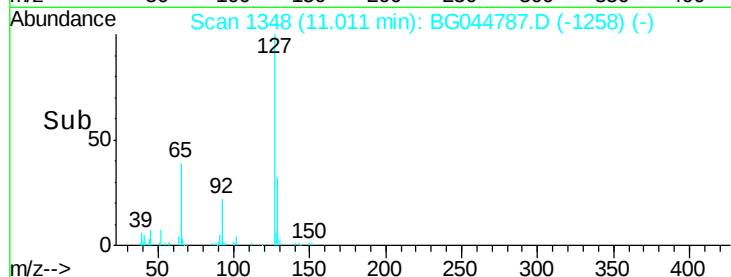
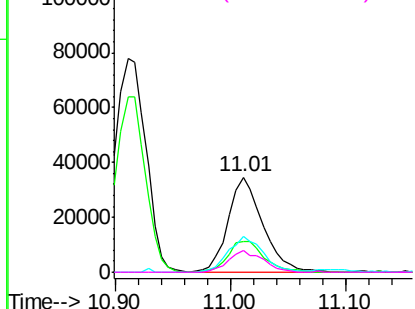
#33  
4-Chloroaniline  
Concen: 6.51 ng  
RT: 11.01 min Scan# 1348  
Delta R.T. -0.00 min  
Lab File: BG044787.D  
Acq: 14 Mar 2020 6:50

Instrument :  
BNA\_G  
ClientSampleId :  
SU-01-031220MS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 71156 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 32.6  | 26.2  | 39.4  |
| 65       | 38.3  | 29.6  | 44.4  |
| 92       | 22.5  | 17.4  | 26.0  |

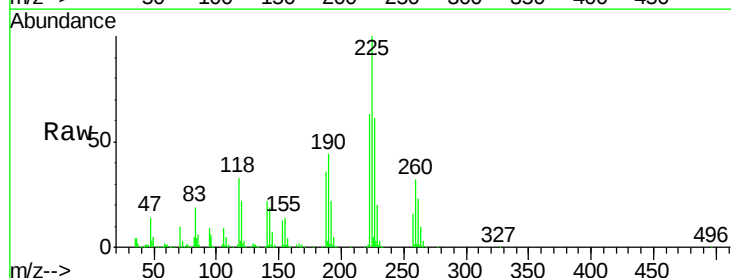


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC

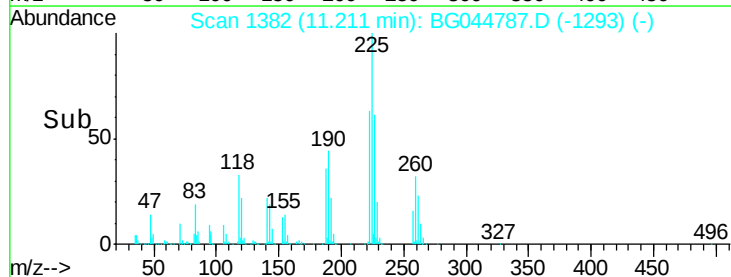
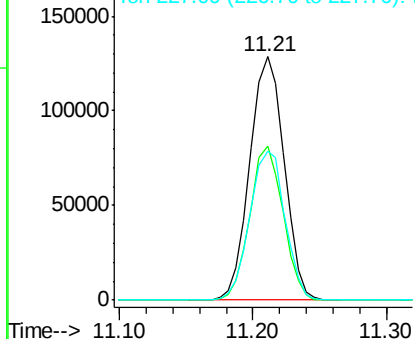


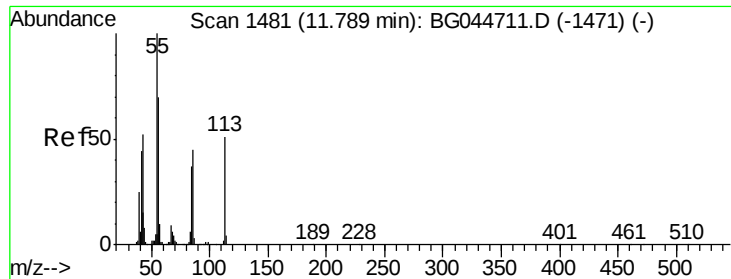
#34  
Hexachlorobutadiene  
Concen: 39.25 ng  
RT: 11.21 min Scan# 1382  
Delta R.T. -0.01 min  
Lab File: BG044787.D  
Acq: 14 Mar 2020 6:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 228680 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.1  | 50.6  | 76.0   |
| 227      | 61.3  | 51.6  | 77.4   |



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

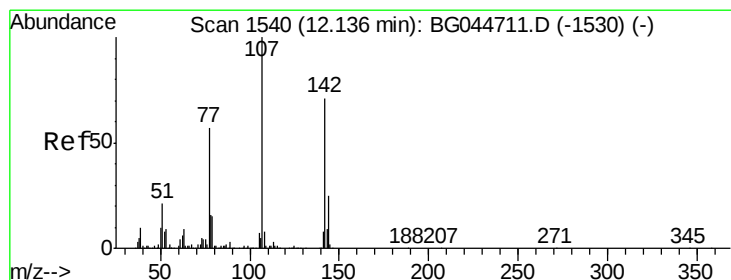
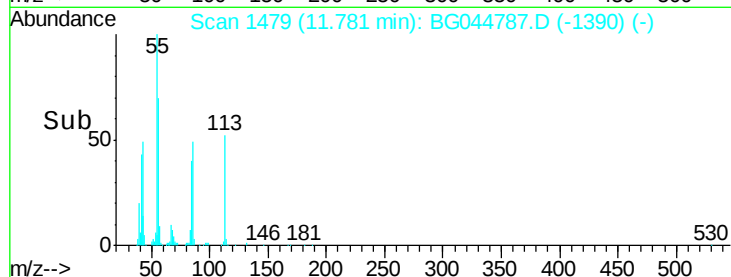
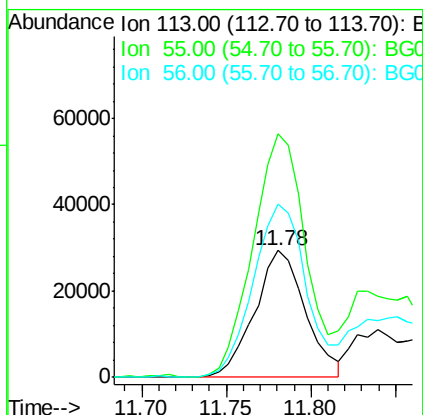
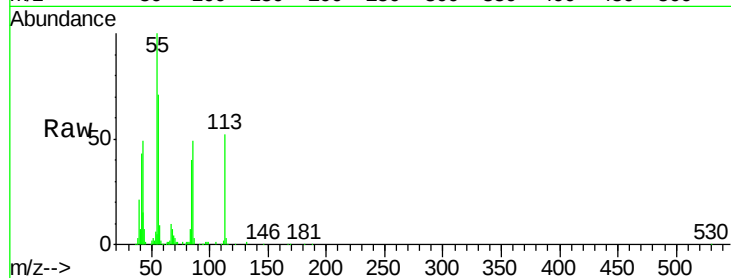




#35  
 Caprolactam  
 Concen: 21.87 ng  
 RT: 11.78 min Scan# 1479  
 Delta R.T. -0.01 min  
 Lab File: BG044787.D  
 Acq: 14 Mar 2020 6:50

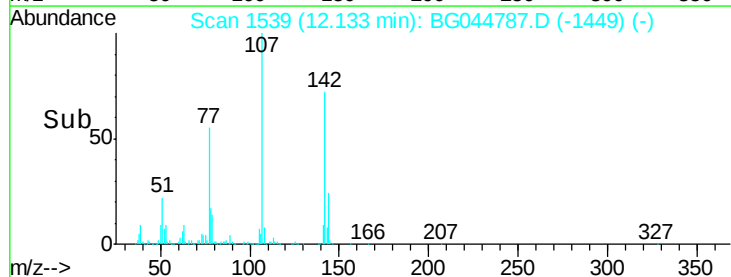
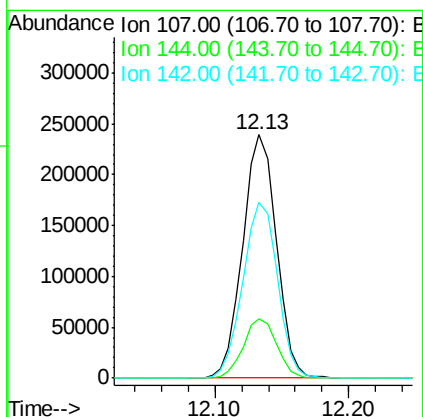
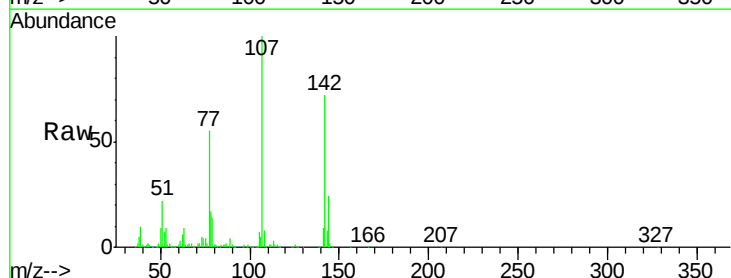
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-01-031220MS

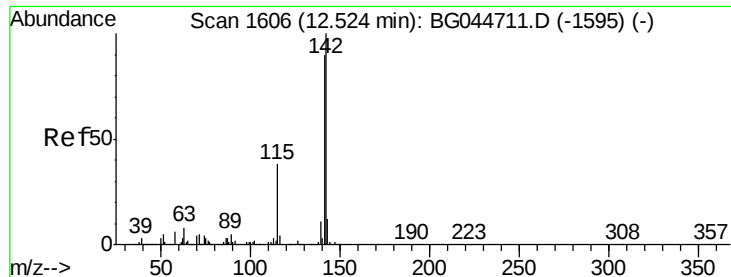
Tgt Ion:113 Resp: 61337  
 Ion Ratio Lower Upper  
 113 100  
 55 191.7 178.4 218.4  
 56 136.0 117.7 157.7



#36  
 4-Chloro-3-methylphenol  
 Concen: 47.23 ng  
 RT: 12.13 min Scan# 1539  
 Delta R.T. -0.00 min  
 Lab File: BG044787.D  
 Acq: 14 Mar 2020 6:50

Tgt Ion:107 Resp: 417302  
 Ion Ratio Lower Upper  
 107 100  
 144 24.4 19.6 29.4  
 142 72.4 56.5 84.7

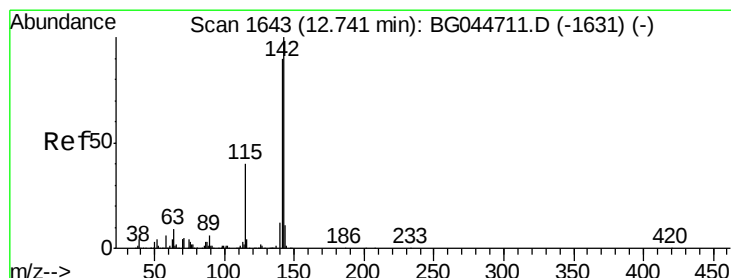
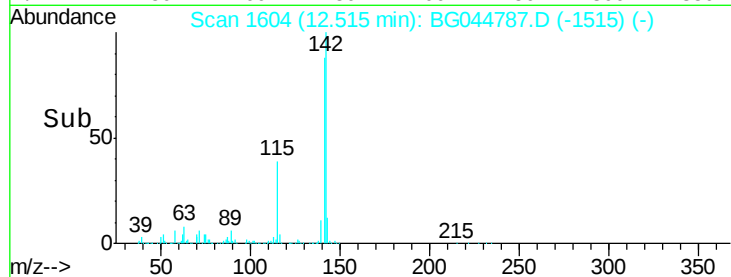
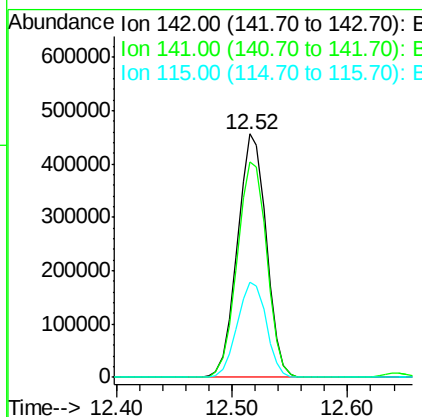
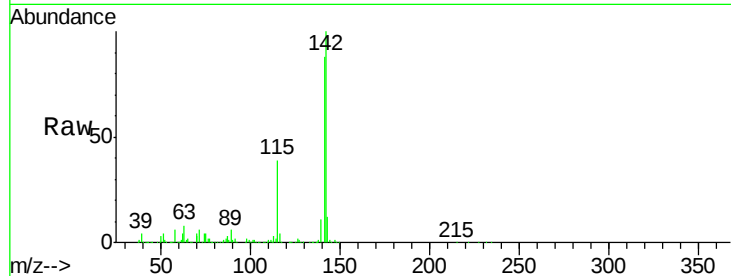




#37  
 2-Methylnaphthalene  
 Concen: 43.46 ng  
 RT: 12.52 min Scan# 1604  
 Delta R.T. -0.01 min  
 Lab File: BG044787.D  
 Acq: 14 Mar 2020 6:50

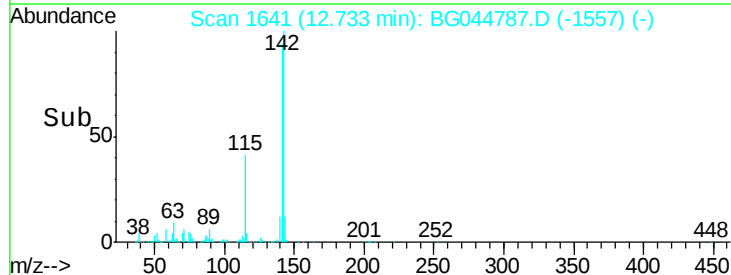
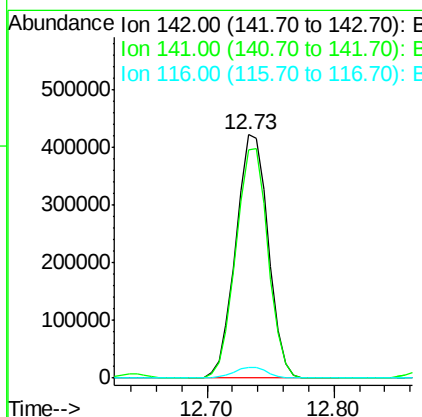
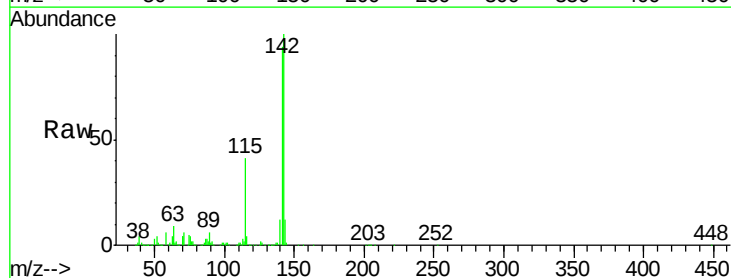
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-01-031220MS

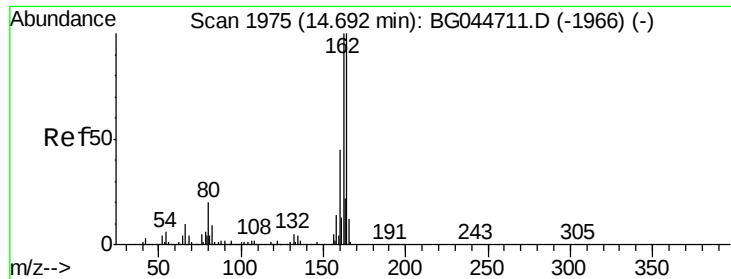
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.4  | 72.3  | 108.5 |
| 115     | 38.9  | 30.6  | 45.8  |



#38  
 1-Methylnaphthalene  
 Concen: 43.94 ng  
 RT: 12.73 min Scan# 1641  
 Delta R.T. -0.01 min  
 Lab File: BG044787.D  
 Acq: 14 Mar 2020 6:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 93.7  | 72.2  | 108.2 |
| 116     | 4.4   | 3.5   | 5.3   |





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Instrument :

BNA\_G

ClientSampleId :

SU-01-031220MS

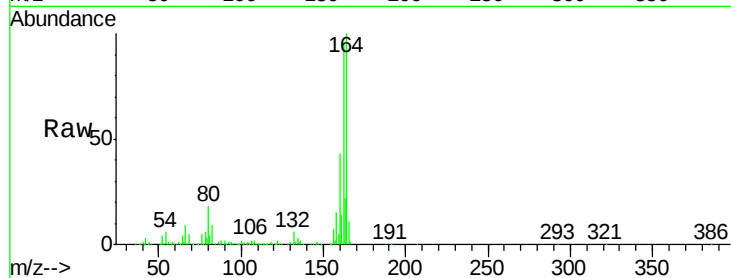
Tgt Ion:164 Resp: 292095

Ion Ratio Lower Upper

164 100

162 95.9 80.2 120.4

160 42.7 36.2 54.2

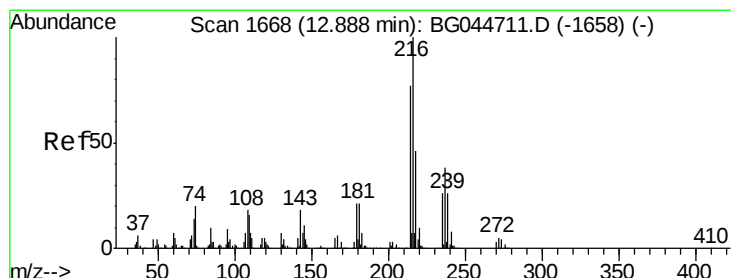
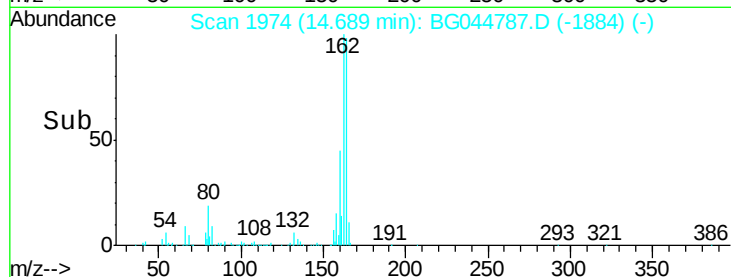
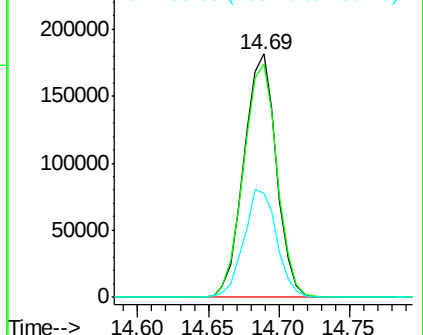


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.18 ng

RT: 12.89 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Tgt Ion:216 Resp: 434597

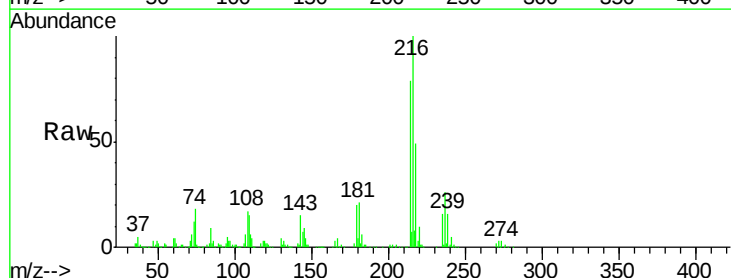
Ion Ratio Lower Upper

216 100

214 79.7 63.0 94.4

179 20.1 16.6 24.8

108 18.1 15.6 23.4



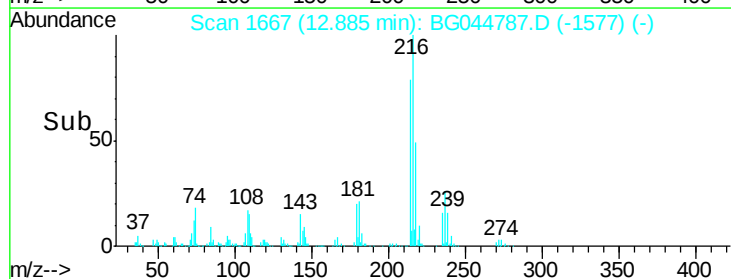
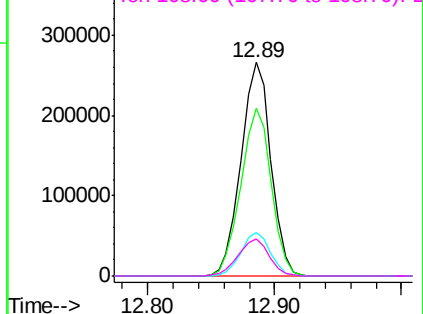
Abundance

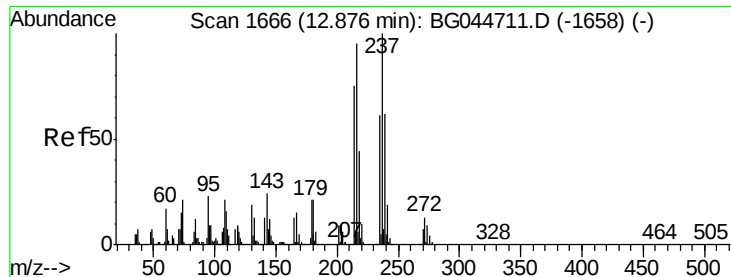
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

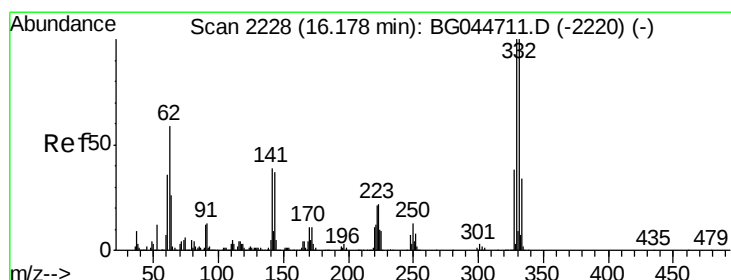
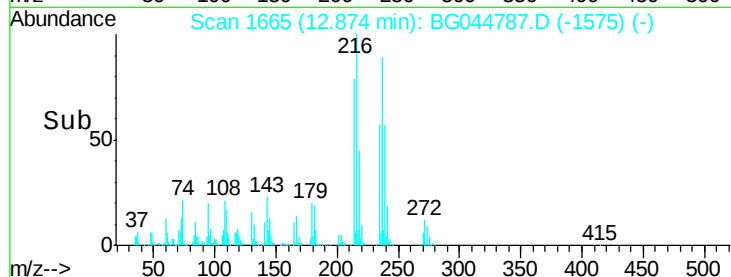
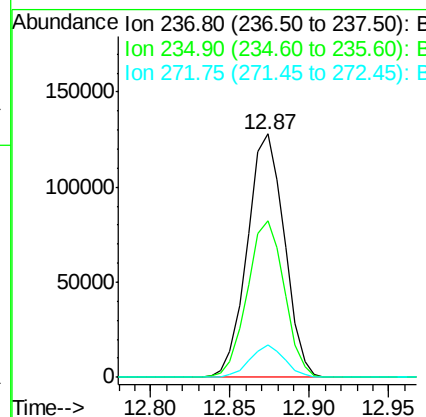
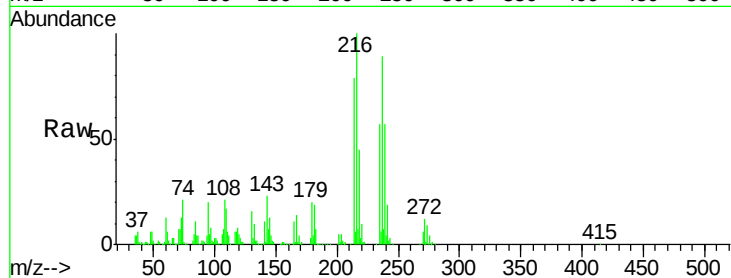




#41  
Hexachlorocyclopentadiene  
Concen: 39.50 ng  
RT: 12.87 min Scan# 1665  
Delta R.T. -0.00 min  
Lab File: BG044787.D  
Acq: 14 Mar 2020 6:50

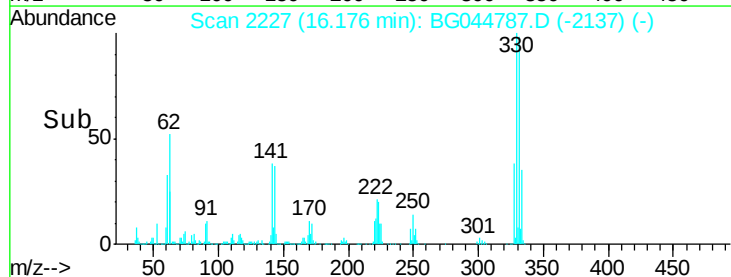
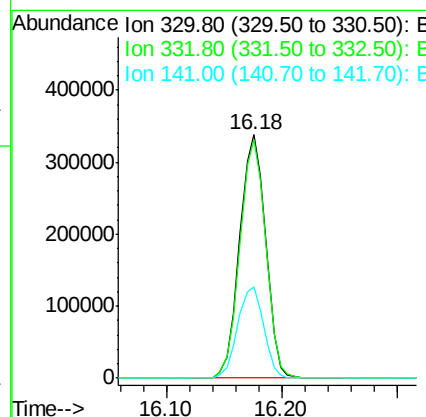
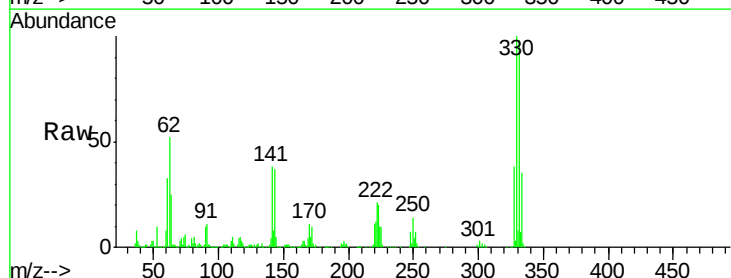
Instrument :  
BNA\_G  
ClientSampleId :  
SU-01-031220MS

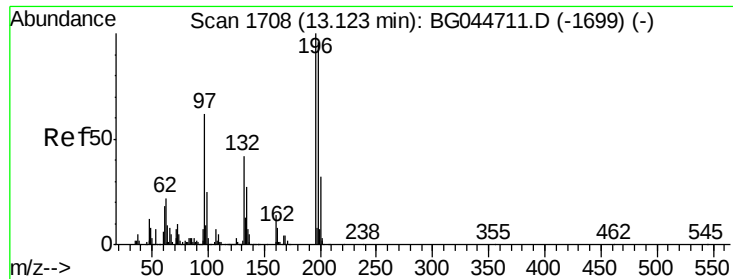
Tgt Ion: 237 Resp: 207672  
Ion Ratio Lower Upper  
237 100  
235 64.4 40.6 80.6  
272 13.2 0.0 32.5



#42  
2,4,6-Tribromophenol  
Concen: 137.56 ng  
RT: 16.18 min Scan# 2227  
Delta R.T. -0.00 min  
Lab File: BG044787.D  
Acq: 14 Mar 2020 6:50

Tgt Ion: 330 Resp: 526100  
Ion Ratio Lower Upper  
330 100  
332 97.4 77.5 116.3  
141 37.8 31.7 47.5

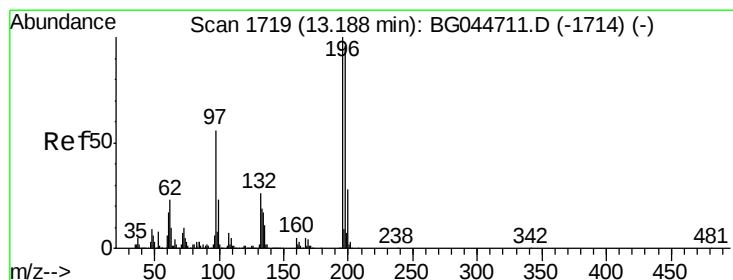
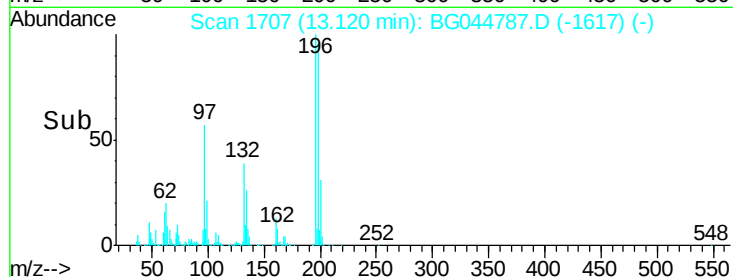
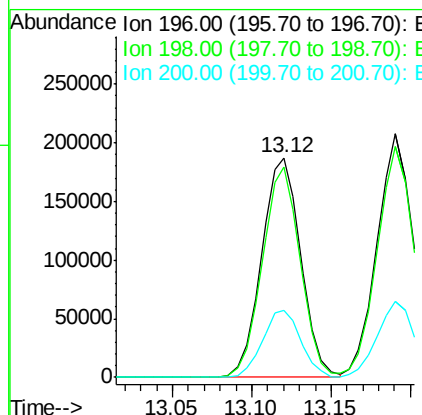
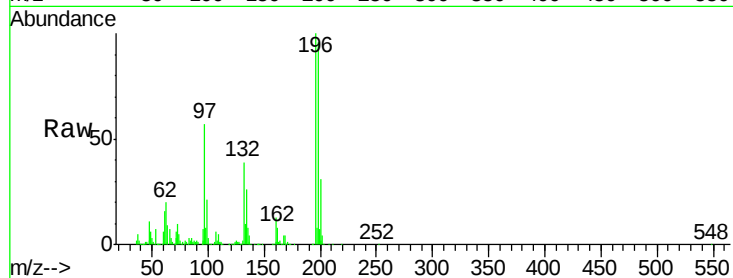




#43  
 2,4,6-Trichlorophenol  
 Concen: 50.11 ng  
 RT: 13.12 min Scan# 1707  
 Delta R.T. -0.00 min  
 Lab File: BG044787.D  
 Acq: 14 Mar 2020 6:50

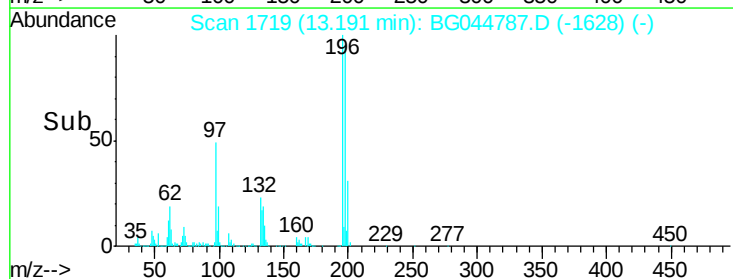
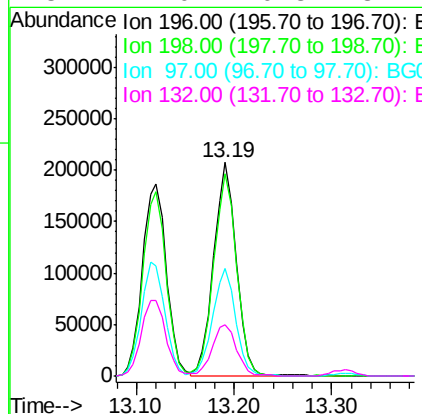
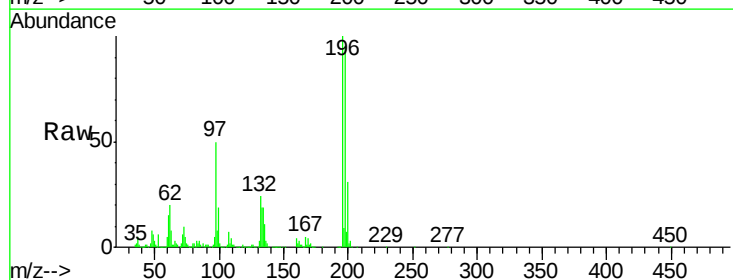
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-01-031220MS

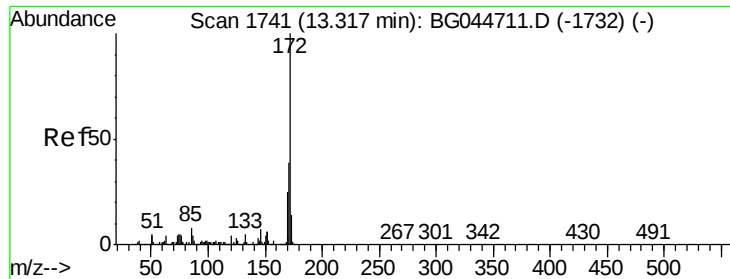
Tgt Ion:196 Resp: 319902  
 Ion Ratio Lower Upper  
 196 100  
 198 95.7 76.5 114.7  
 200 30.8 25.9 38.9



#44  
 2,4,5-Trichlorophenol  
 Concen: 50.58 ng  
 RT: 13.19 min Scan# 1719  
 Delta R.T. 0.00 min  
 Lab File: BG044787.D  
 Acq: 14 Mar 2020 6:50

Tgt Ion:196 Resp: 334900  
 Ion Ratio Lower Upper  
 196 100  
 198 94.8 77.3 115.9  
 97 50.3 44.9 67.3  
 132 24.0 20.8 31.2





#45

2-Fluorobiphenyl

Concen: 86.01 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.00 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Instrument :

BNA\_G

ClientSampleId :

SU-01-031220MS

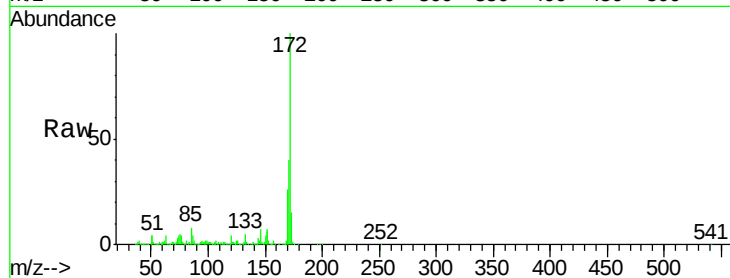
Tgt Ion:172 Resp: 1754344

Ion Ratio Lower Upper

172 100

171 40.0 30.8 46.2

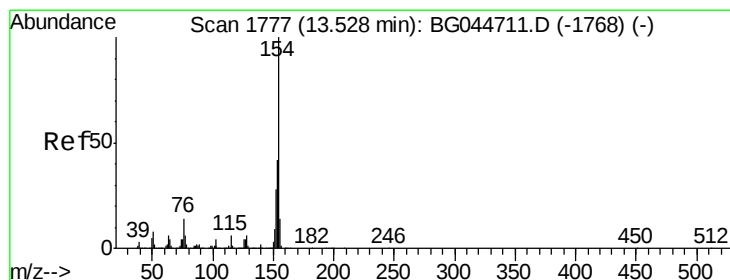
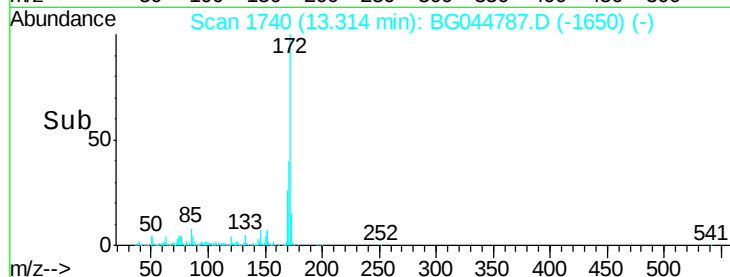
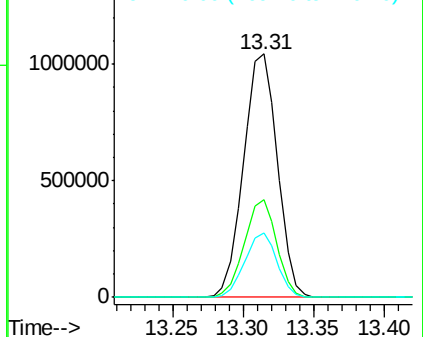
170 26.2 20.0 30.0



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: 43.02 ng

RT: 13.52 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

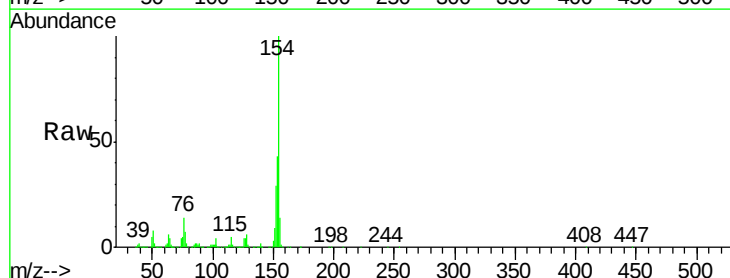
Tgt Ion:154 Resp: 1004167

Ion Ratio Lower Upper

154 100

153 42.8 22.0 62.0

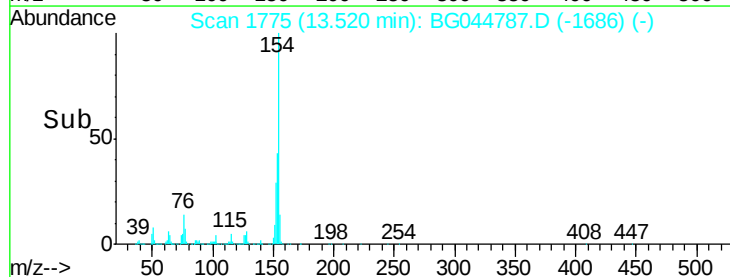
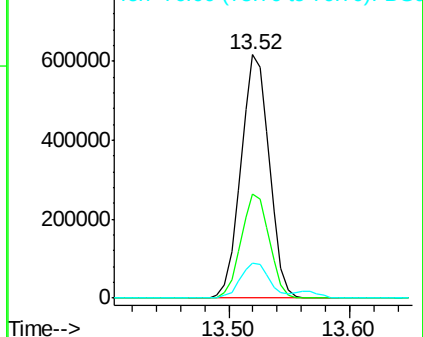
76 14.5 0.0 34.2

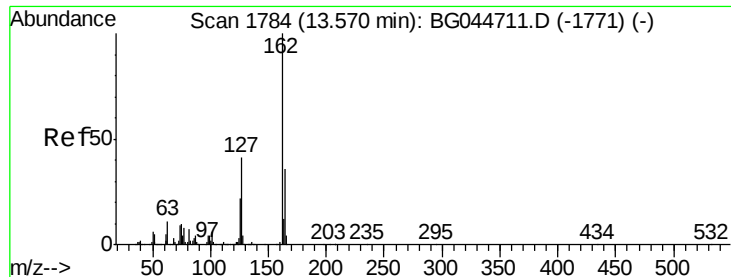


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

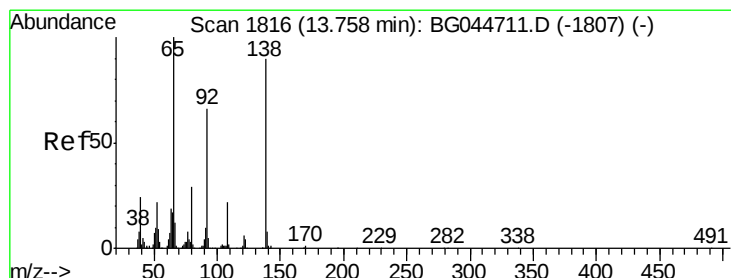
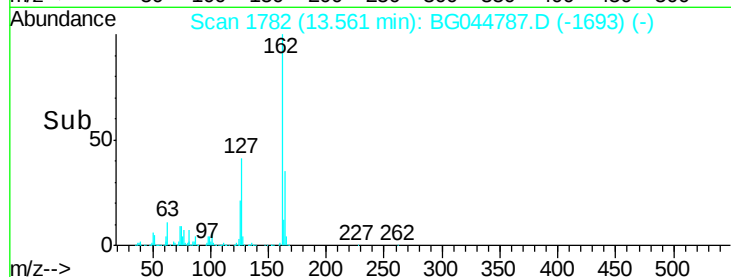
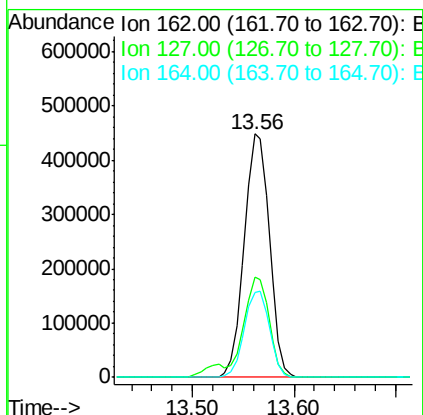
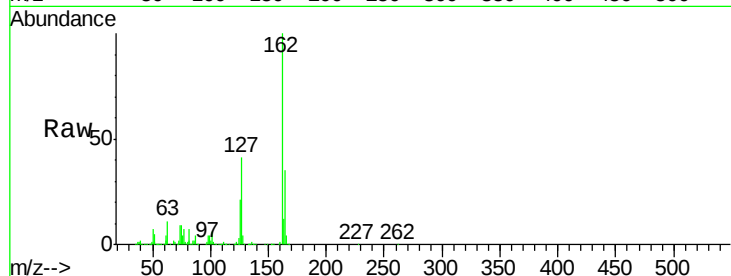




#47  
 2-Chloronaphthalene  
 Concen: 43.21 ng  
 RT: 13.56 min Scan# 1782  
 Delta R.T. -0.01 min  
 Lab File: BG044787.D  
 Acq: 14 Mar 2020 6:50

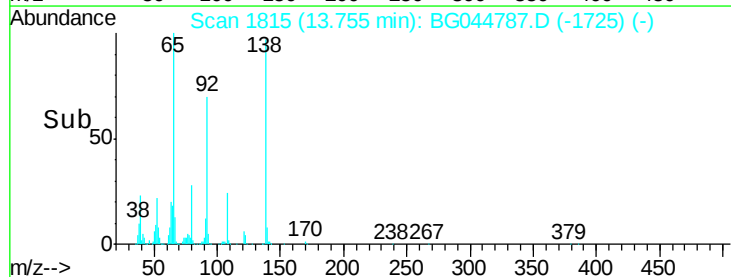
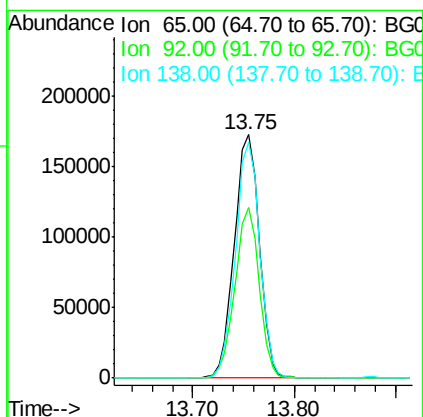
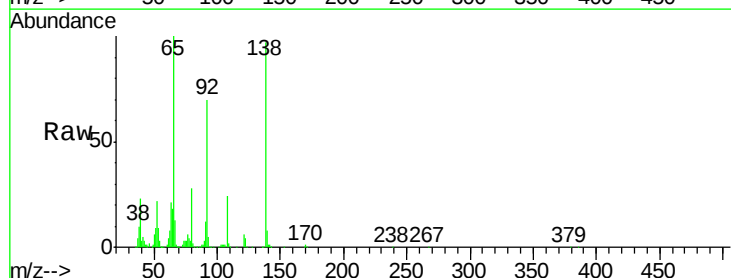
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-01-031220MS

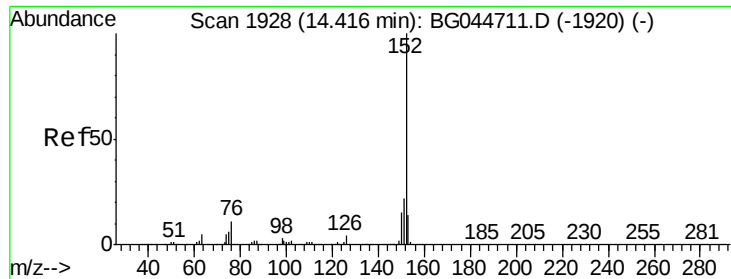
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 41.0  | 32.6  | 48.8  |
| 164     | 34.9  | 29.0  | 43.4  |



#48  
 2-Nitroaniline  
 Concen: 47.61 ng  
 RT: 13.75 min Scan# 1815  
 Delta R.T. -0.00 min  
 Lab File: BG044787.D  
 Acq: 14 Mar 2020 6:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 69.9  | 52.6  | 79.0  |
| 138     | 96.7  | 71.8  | 107.6 |





#49

Acenaphthylene

Concen: 45.54 ng

RT: 14.41 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Instrument :

BNA\_G

ClientSampleId :

SU-01-031220MS

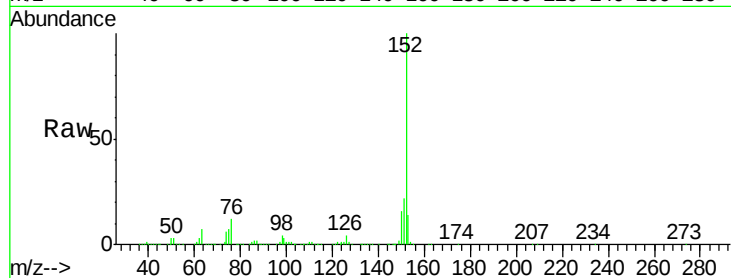
Tgt Ion:152 Resp: 1272249

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
|-----|-------|-------|-------|

|     |     |  |  |
|-----|-----|--|--|
| 152 | 100 |  |  |
|-----|-----|--|--|

|     |      |      |      |
|-----|------|------|------|
| 151 | 22.4 | 17.8 | 26.8 |
|-----|------|------|------|

|     |      |      |      |
|-----|------|------|------|
| 153 | 14.5 | 11.4 | 17.0 |
|-----|------|------|------|

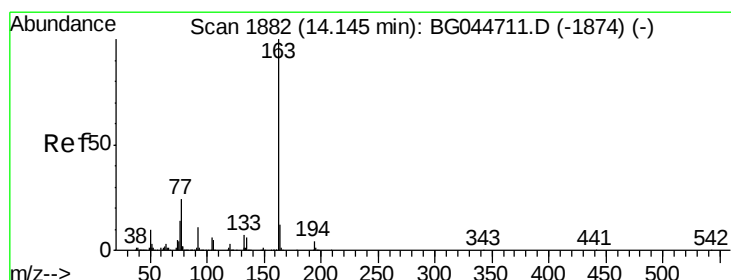
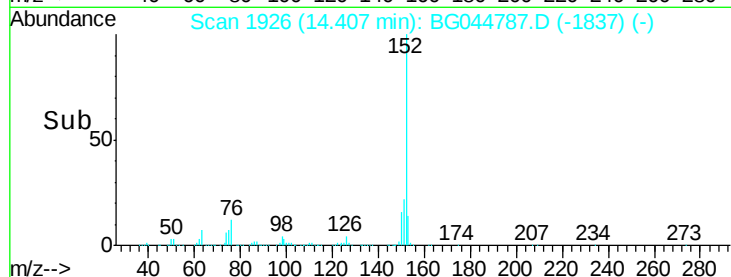
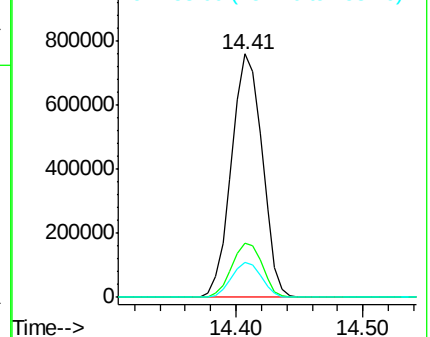


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.57 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.00 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

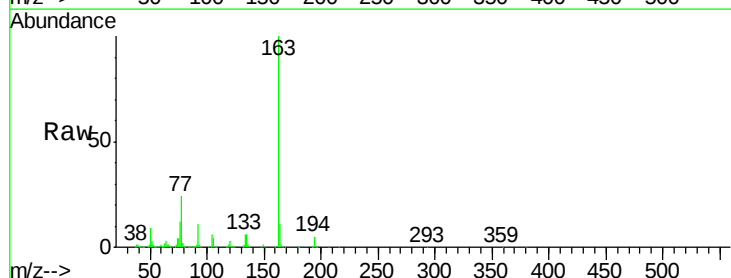
Tgt Ion:163 Resp: 1083519

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
|-----|-------|-------|-------|

|     |     |  |  |
|-----|-----|--|--|
| 163 | 100 |  |  |
|-----|-----|--|--|

|     |     |     |     |
|-----|-----|-----|-----|
| 194 | 4.5 | 3.5 | 5.3 |
|-----|-----|-----|-----|

|     |      |     |      |
|-----|------|-----|------|
| 164 | 10.8 | 9.2 | 13.8 |
|-----|------|-----|------|

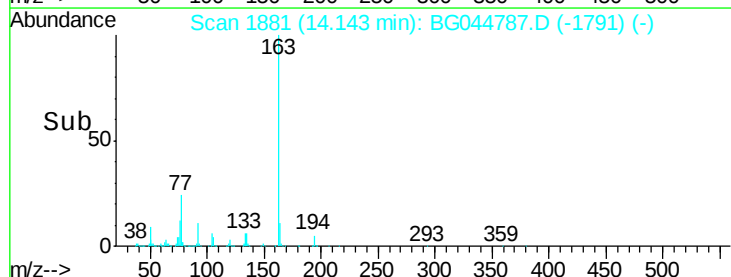
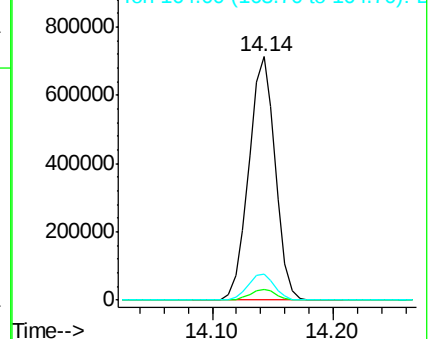


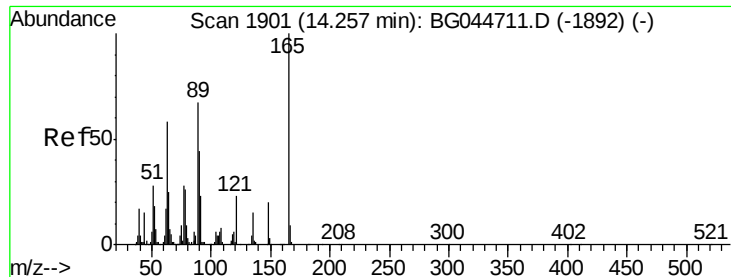
Abundance

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

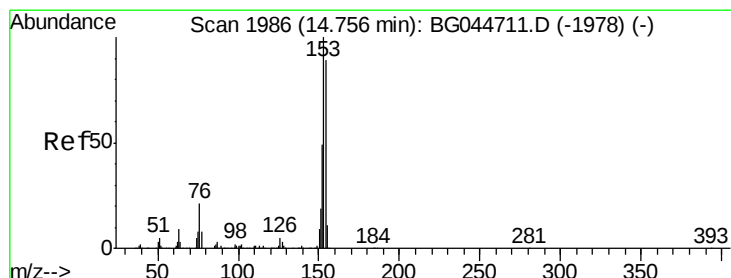
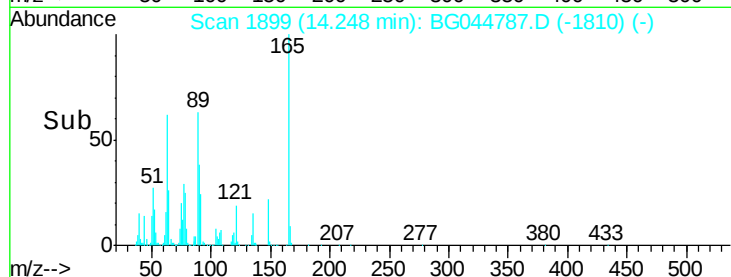
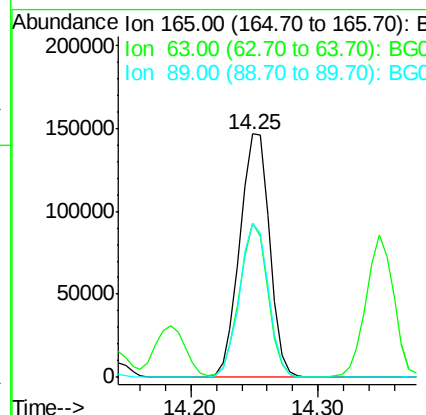
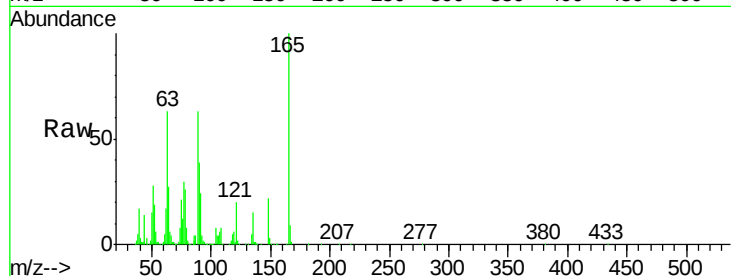




#51  
 2,6-Dinitrotoluene  
 Concen: 50.80 ng  
 RT: 14.25 min Scan# 1899  
 Delta R.T. -0.01 min  
 Lab File: BG044787.D  
 Acq: 14 Mar 2020 6:50

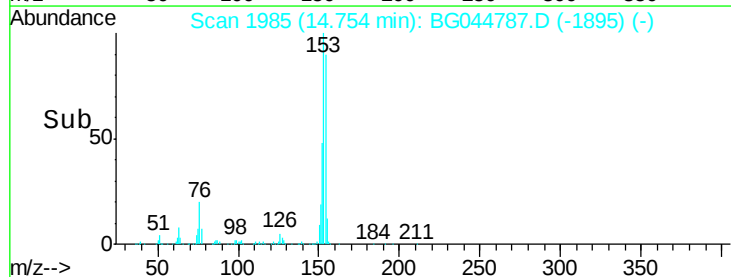
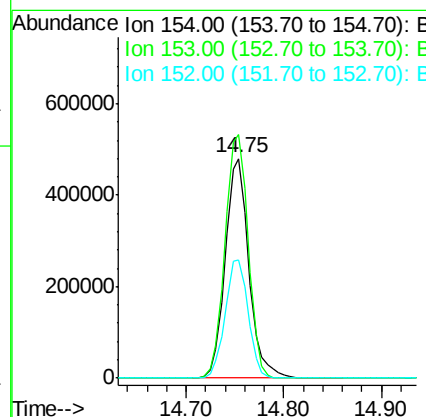
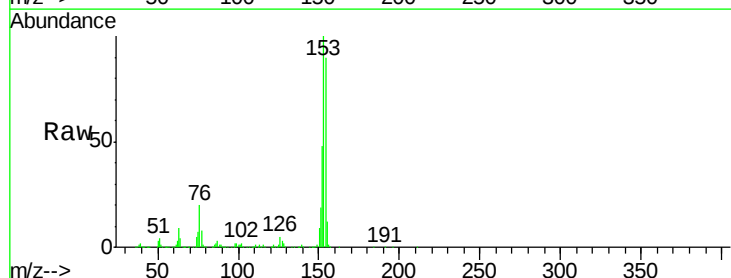
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-01-031220MS

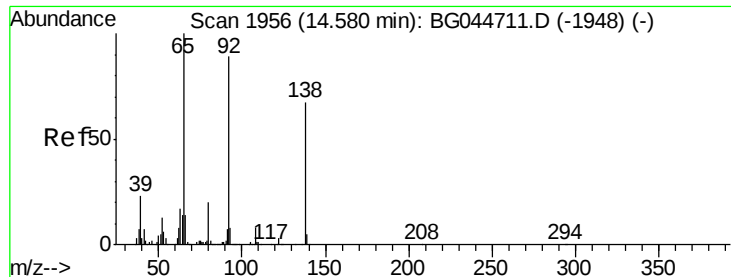
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 63.0  | 48.9  | 73.3  |
| 89      | 63.4  | 53.8  | 80.8  |



#52  
 Acenaphthene  
 Concen: 43.98 ng  
 RT: 14.75 min Scan# 1985  
 Delta R.T. -0.00 min  
 Lab File: BG044787.D  
 Acq: 14 Mar 2020 6:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 111.0 | 89.8  | 134.8 |
| 152     | 53.7  | 44.4  | 66.6  |

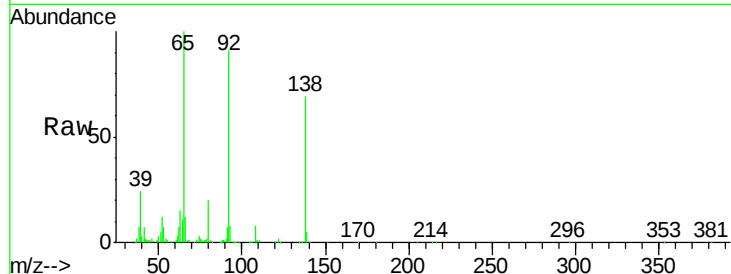




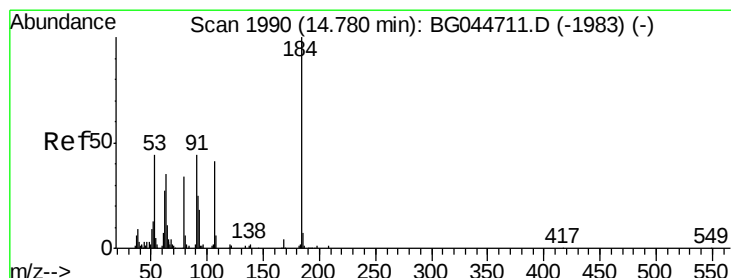
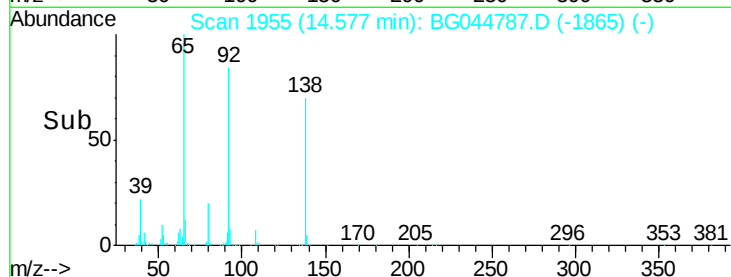
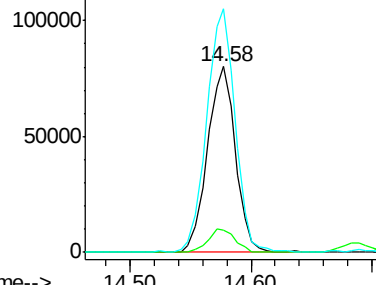
#53  
3-Nitroaniline  
Concen: 24.07 ng  
RT: 14.58 min Scan# 1955  
Delta R.T. -0.00 min  
Lab File: BG044787.D  
Acq: 14 Mar 2020 6:50

Instrument :  
BNA\_G  
ClientSampleId :  
SU-01-031220MS

Tgt Ion:138 Resp: 129793  
Ion Ratio Lower Upper  
138 100  
108 12.1 9.2 13.8  
92 130.9 105.6 158.4

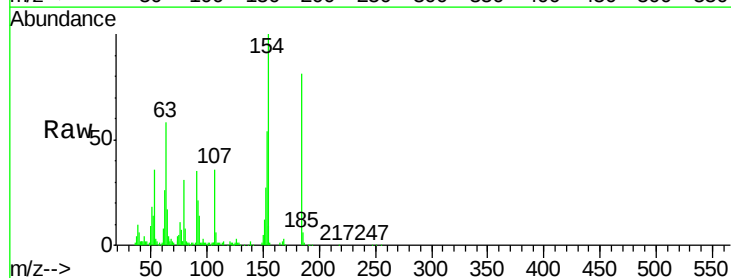


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BGC

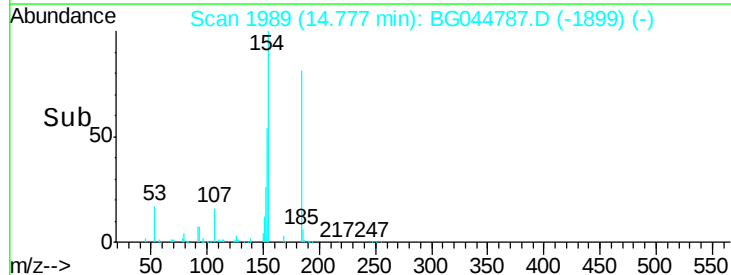
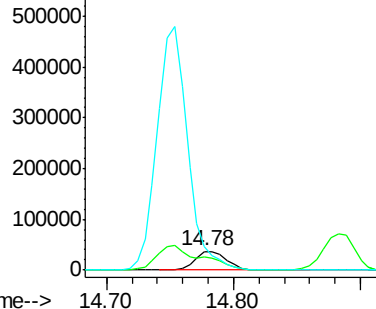


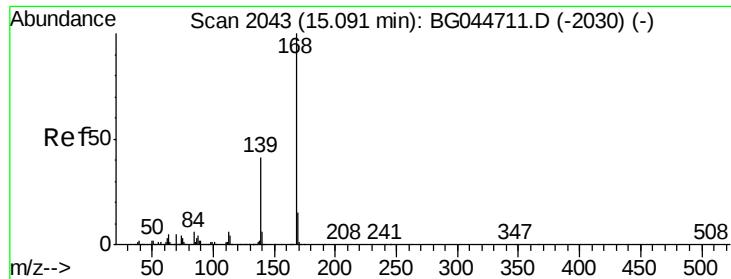
#54  
2,4-Dinitrophenol  
Concen: 31.99 ng  
RT: 14.78 min Scan# 1989  
Delta R.T. -0.00 min  
Lab File: BG044787.D  
Acq: 14 Mar 2020 6:50

Tgt Ion:184 Resp: 64717  
Ion Ratio Lower Upper  
184 100  
63 72.1 49.0 73.6  
154 123.6 94.5 141.7



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

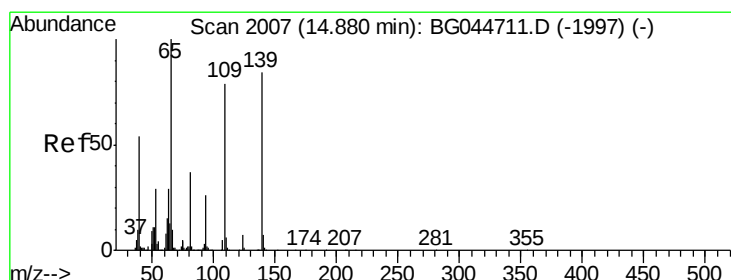
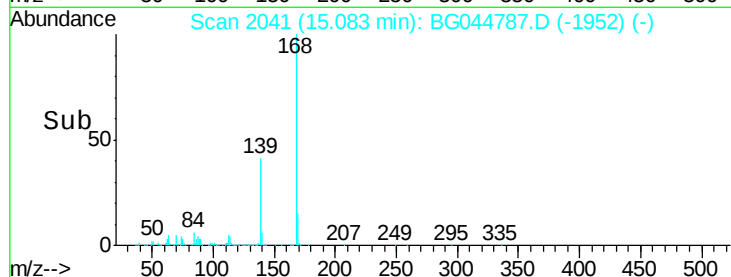
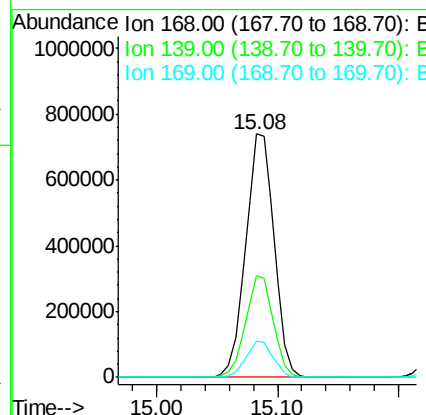
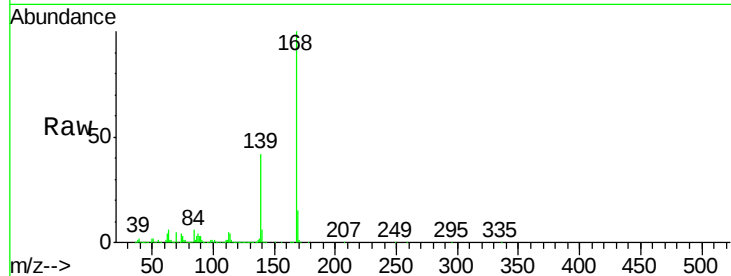




#55  
Dibenzenofuran  
Concen: 45.76 ng  
RT: 15.08 min Scan# 2041  
Delta R.T. -0.01 min  
Lab File: BG044787.D  
Acq: 14 Mar 2020 6:50

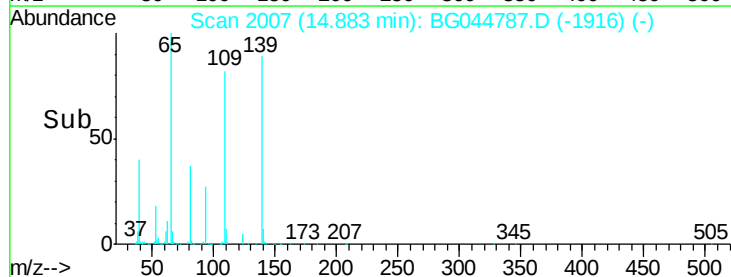
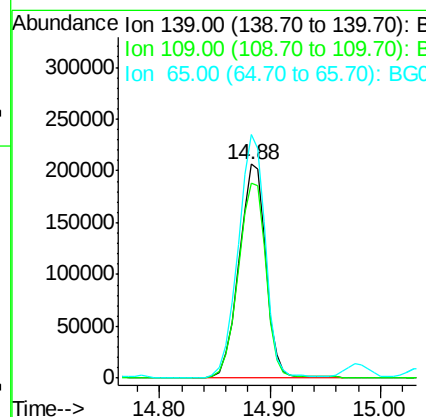
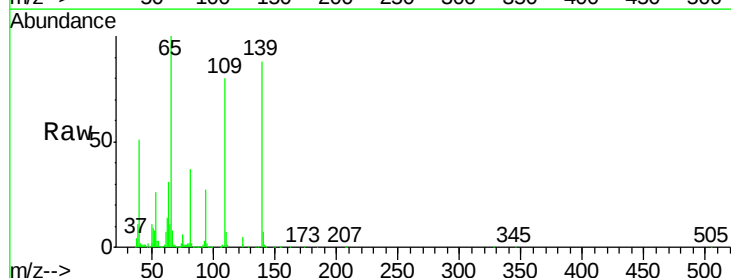
Instrument :  
BNA\_G  
ClientSampleId :  
SU-01-031220MS

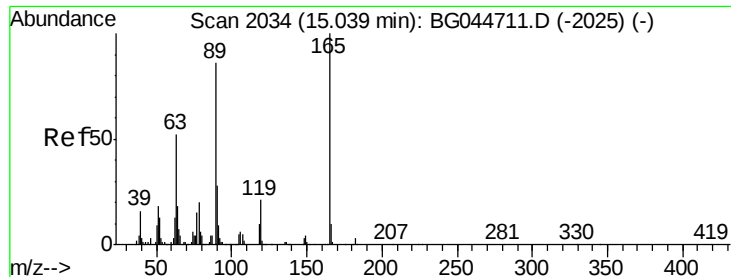
Tgt Ion:168 Resp: 1214124  
Ion Ratio Lower Upper  
168 100  
139 41.5 32.6 49.0  
169 14.6 11.8 17.6



#56  
4-Nitrophenol  
Concen: 85.70 ng  
RT: 14.88 min Scan# 2007  
Delta R.T. 0.00 min  
Lab File: BG044787.D  
Acq: 14 Mar 2020 6:50

Tgt Ion:139 Resp: 352634  
Ion Ratio Lower Upper  
139 100  
109 91.2 74.1 114.1  
65 113.8 98.6 138.6

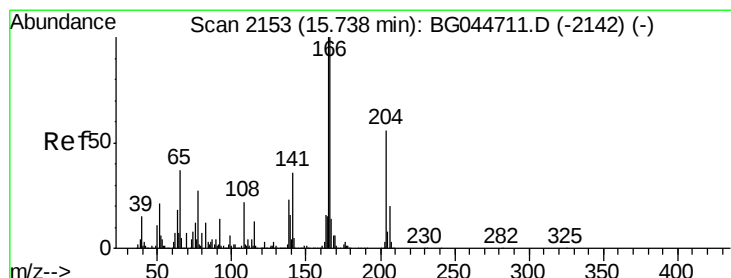
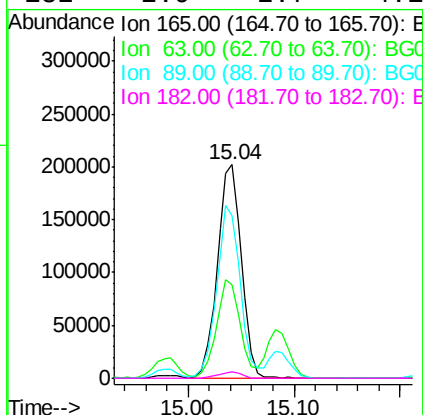
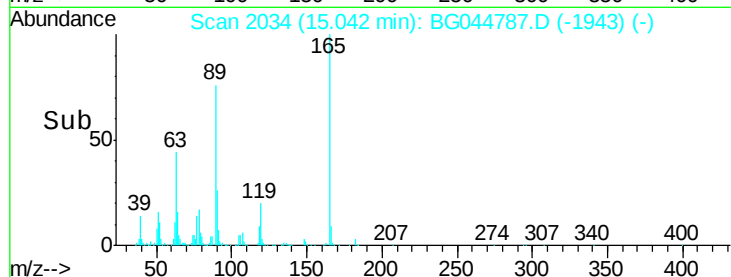
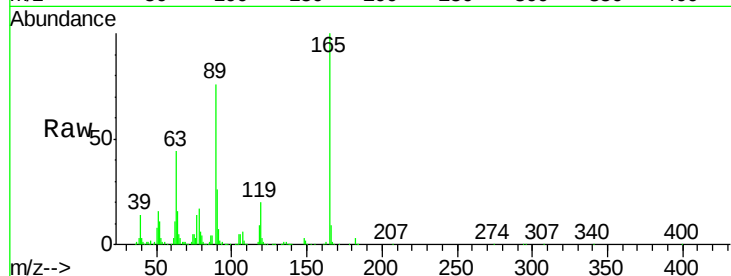




#57  
2,4-Dinitrotoluene  
Concen: 49.67 ng  
RT: 15.04 min Scan# 2034  
Delta R.T. 0.00 min  
Lab File: BG044787.D  
Acq: 14 Mar 2020 6:50

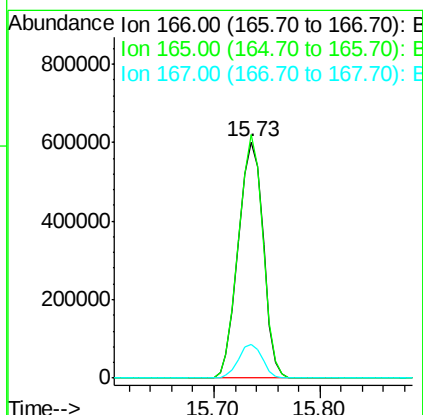
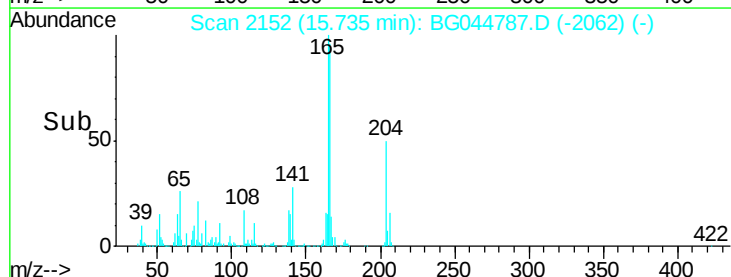
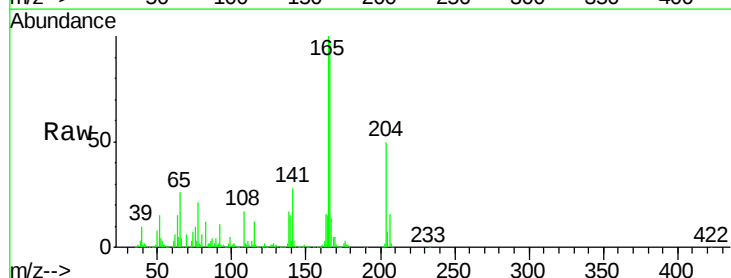
Instrument :  
BNA\_G  
ClientSampleId :  
SU-01-031220MS

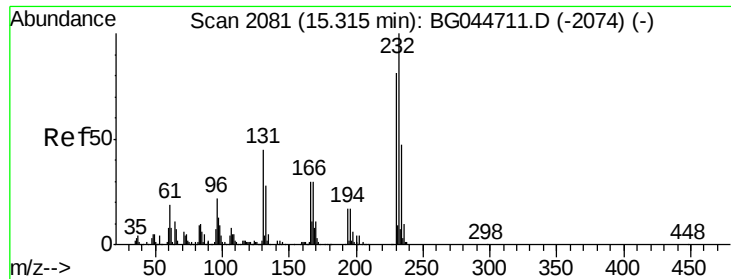
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 44.0  | 41.5  | 62.3  |
| 89      | 75.9  | 69.0  | 103.4 |
| 182     | 2.9   | 2.7   | 4.1   |



#58  
Fluorene  
Concen: 44.94 ng  
RT: 15.73 min Scan# 2152  
Delta R.T. -0.00 min  
Lab File: BG044787.D  
Acq: 14 Mar 2020 6:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 103.0 | 79.6  | 119.4 |
| 167     | 14.5  | 11.4  | 17.2  |

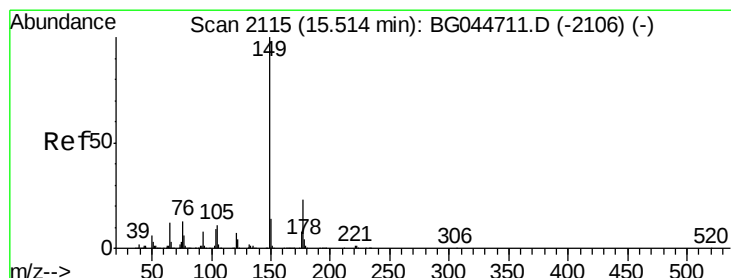
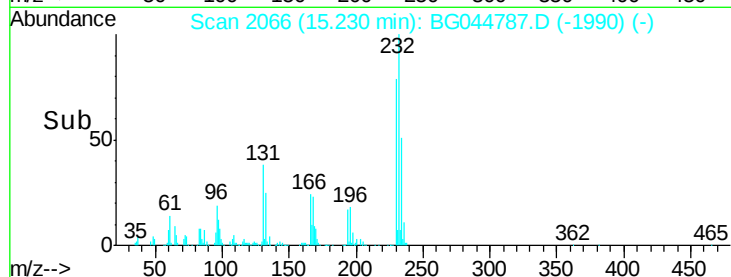
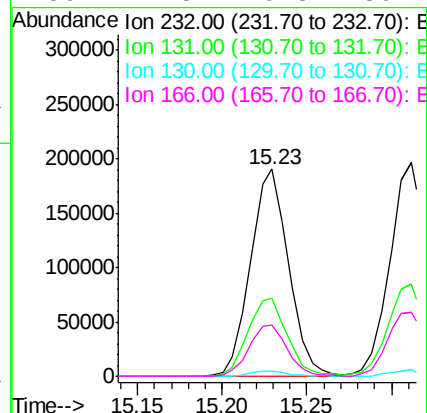
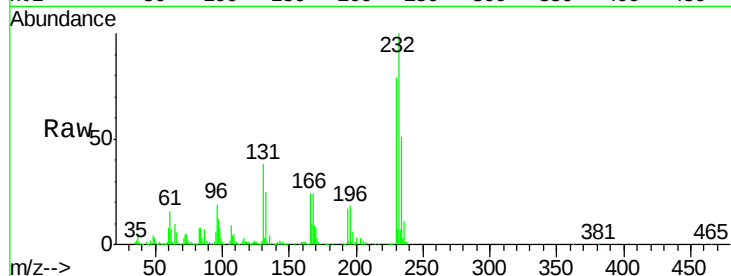




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 48.79 ng  
RT: 15.23 min Scan# 2066  
Delta R.T. -0.09 min  
Lab File: BG044787.D  
Acq: 14 Mar 2020 6:50

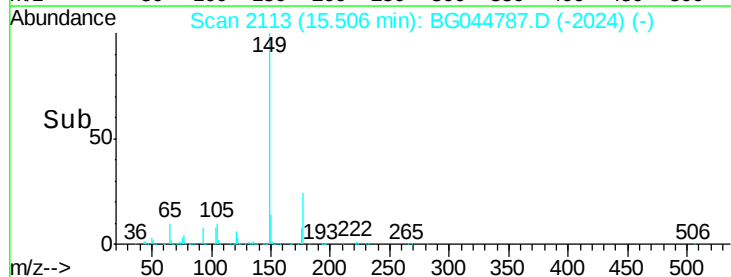
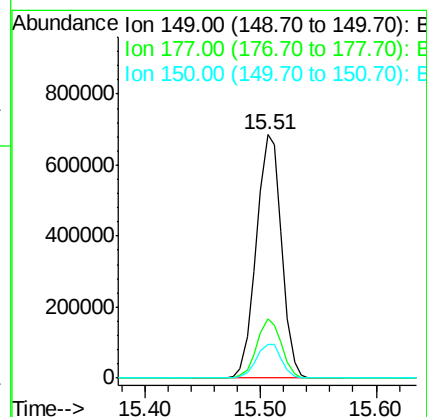
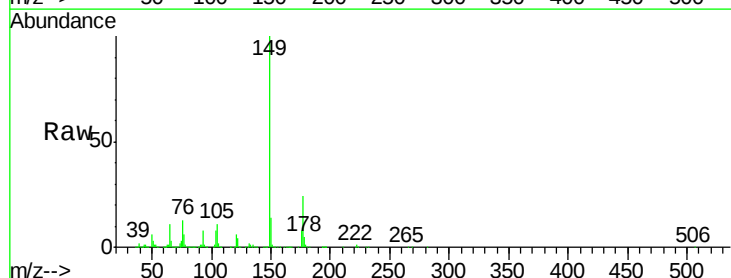
Instrument :  
BNA\_G  
ClientSampleId :  
SU-01-031220MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 232   | Resp: | 297389 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 39.1  | 32.4  | 48.6   |
| 130      | 2.5   | 2.0   | 3.0    |
| 166      | 24.8  | 20.5  | 30.7   |



#60  
Diethylphthalate  
Concen: 43.02 ng  
RT: 15.51 min Scan# 2113  
Delta R.T. -0.01 min  
Lab File: BG044787.D  
Acq: 14 Mar 2020 6:50

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 149   | Resp: | 1043816 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 177      | 24.1  | 18.8  | 28.2    |
| 150      | 13.7  | 11.2  | 16.8    |

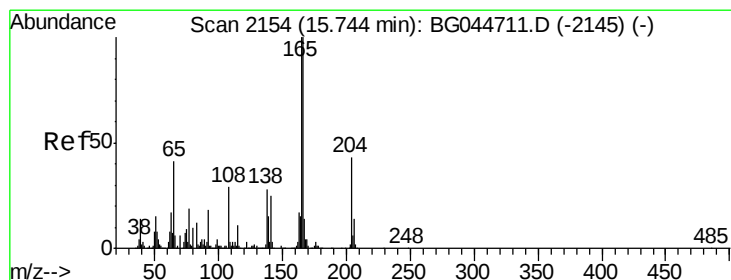
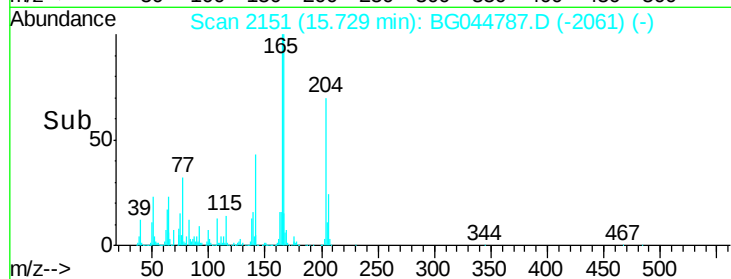
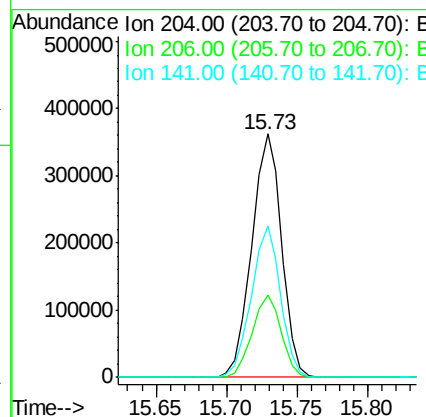
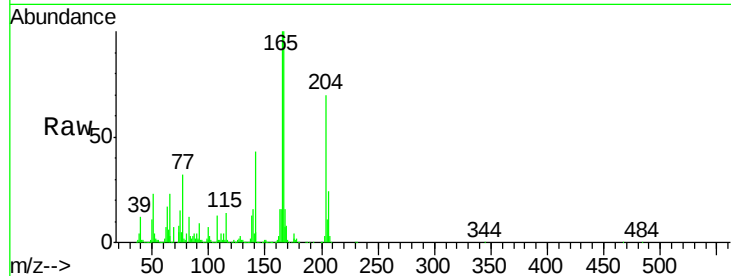




#61  
 4-Chlorophenyl-phenylether  
 Concen: 45.76 ng  
 RT: 15.73 min Scan# 2151  
 Delta R.T. -0.00 min  
 Lab File: BG044787.D  
 Acq: 14 Mar 2020 6:50

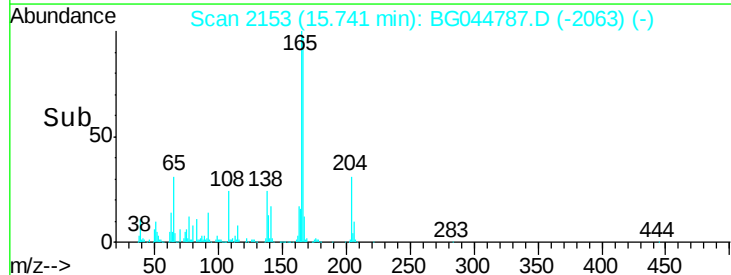
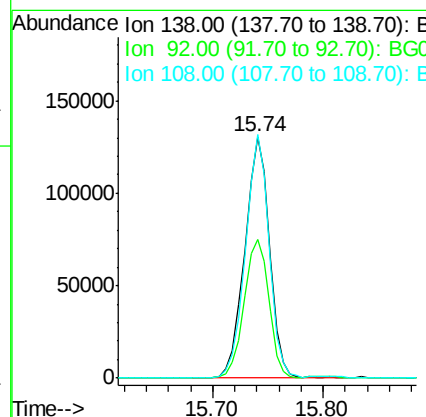
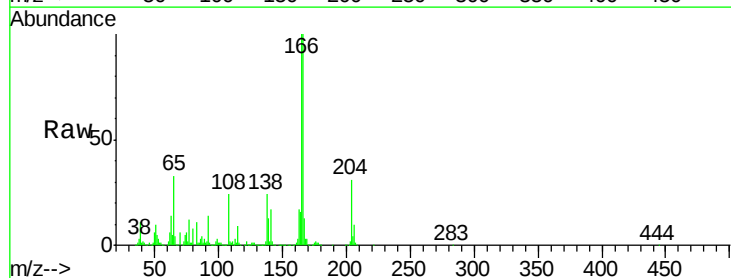
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-01-031220MS

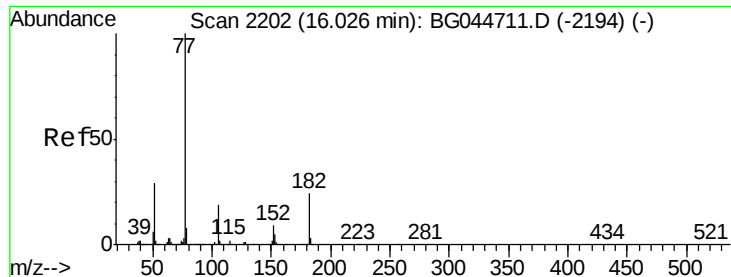
Tgt Ion: 204 Resp: 537703  
 Ion Ratio Lower Upper  
 204 100  
 206 33.8 25.8 38.6  
 141 62.1 50.8 76.2



#62  
 4-Nitroaniline  
 Concen: 35.86 ng  
 RT: 15.74 min Scan# 2153  
 Delta R.T. -0.00 min  
 Lab File: BG044787.D  
 Acq: 14 Mar 2020 6:50

Tgt Ion: 138 Resp: 206149  
 Ion Ratio Lower Upper  
 138 100  
 92 57.4 42.1 82.1  
 108 101.0 81.2 121.2





#63

Azobenzene

Concen: 43.77 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Instrument :

BNA\_G

ClientSampleId :

SU-01-031220MS

Tgt Ion: 77 Resp: 1102800

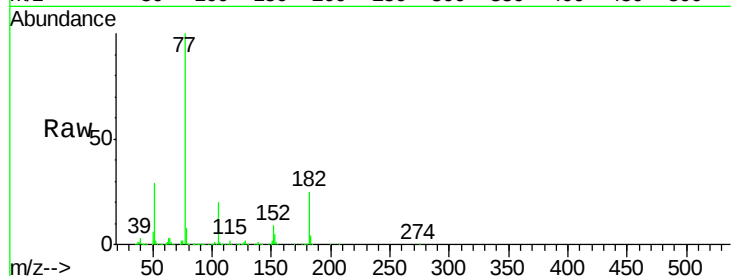
Ion Ratio Lower Upper

77 100

182 25.5 3.6 43.6

105 19.7 0.0 39.3

51 29.1 8.7 48.7

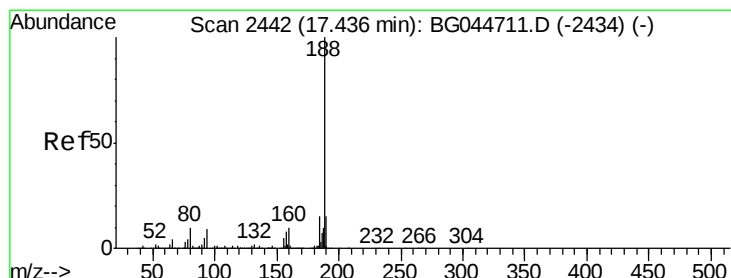
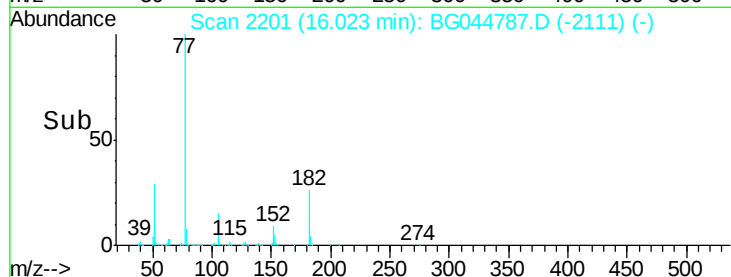
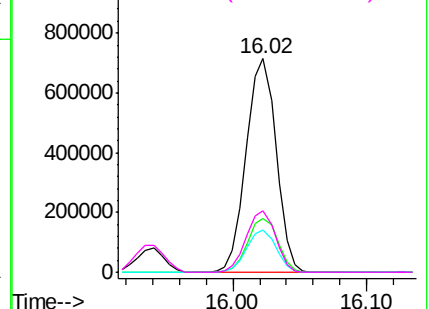


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.00 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

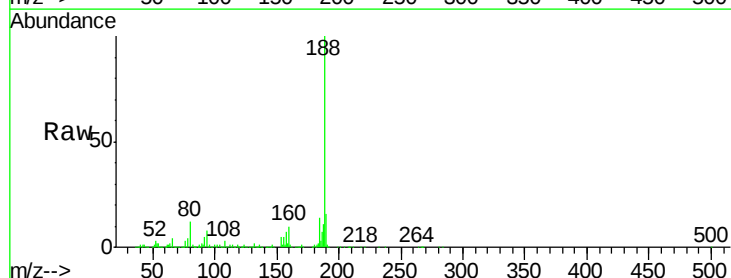
Tgt Ion: 188 Resp: 627015

Ion Ratio Lower Upper

188 100

94 8.2 7.0 10.6

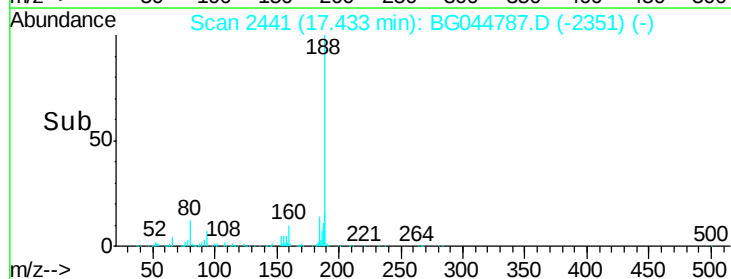
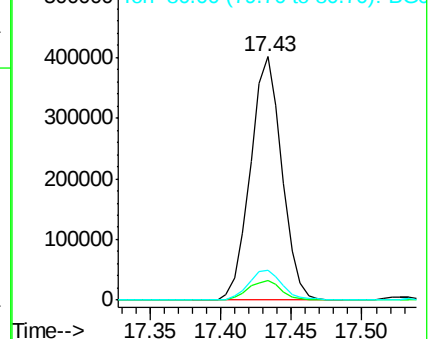
80 12.4 8.4 12.6

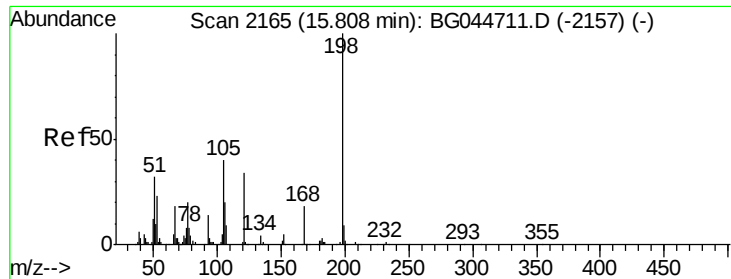


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

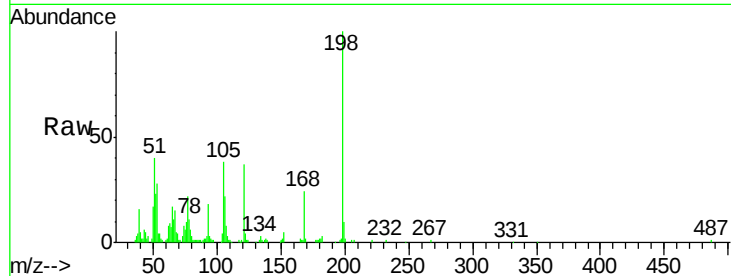




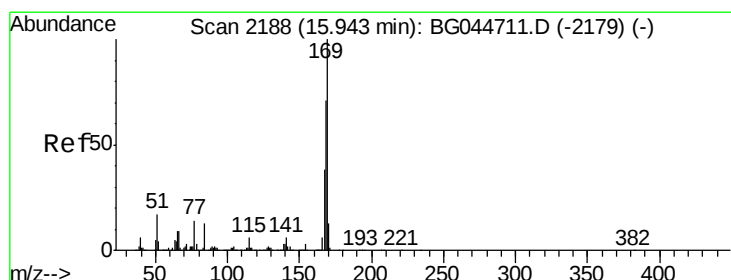
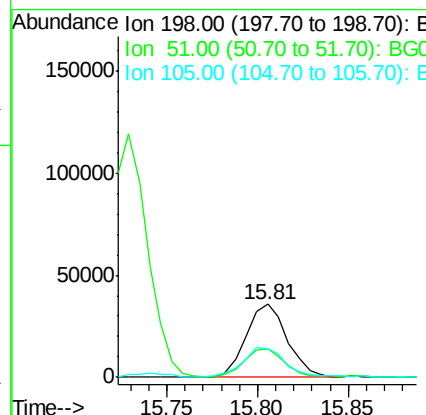
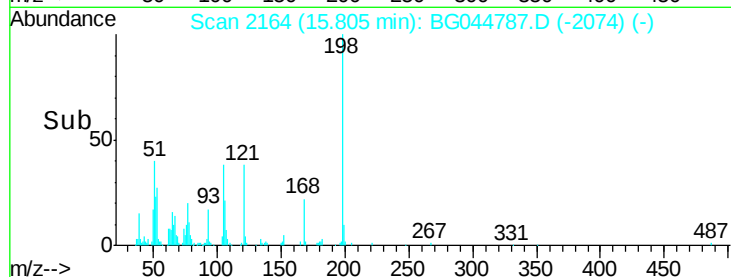
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 23.87 ng  
 RT: 15.81 min Scan# 2164  
 Delta R.T. -0.00 min  
 Lab File: BG044787.D  
 Acq: 14 Mar 2020 6:50

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-01-031220MS

Tgt Ion:198 Resp: 56757  
 Ion Ratio Lower Upper  
 198 100  
 51 39.9 20.1 60.1  
 105 38.5 21.3 61.3

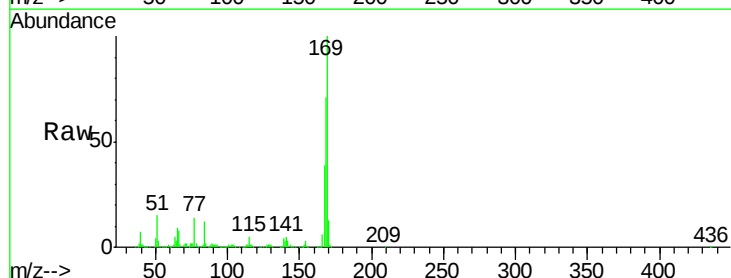


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): BG  
 Ion 105.00 (104.70 to 105.70): E

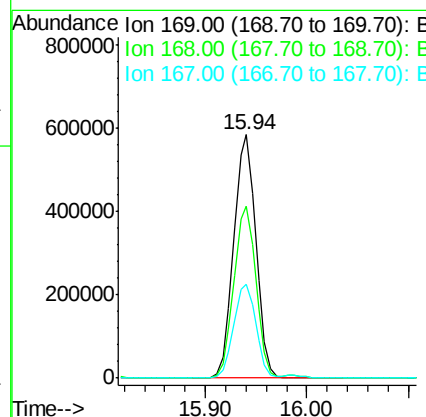
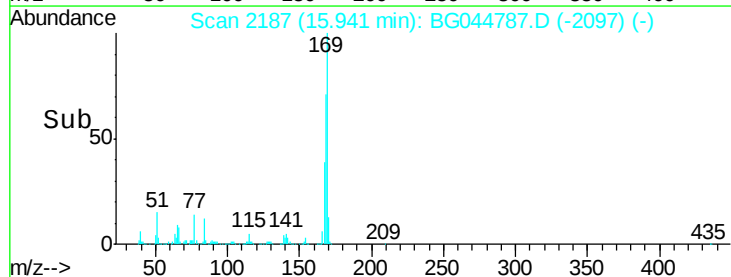


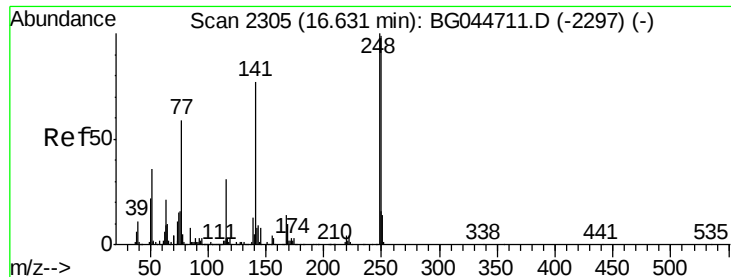
#66  
 n-Nitrosodiphenylamine  
 Concen: 47.05 ng  
 RT: 15.94 min Scan# 2187  
 Delta R.T. -0.00 min  
 Lab File: BG044787.D  
 Acq: 14 Mar 2020 6:50

Tgt Ion:169 Resp: 888269  
 Ion Ratio Lower Upper  
 169 100  
 168 70.8 56.6 85.0  
 167 38.6 30.1 45.1



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

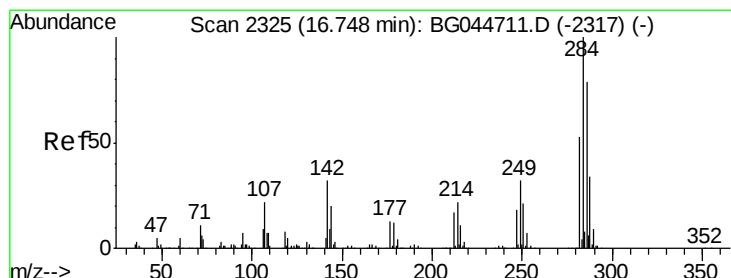
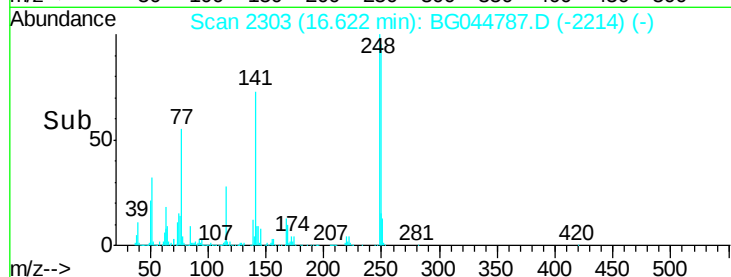
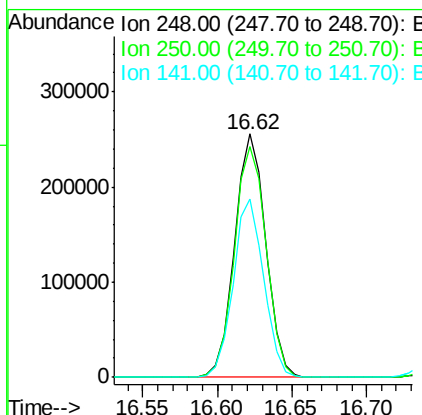
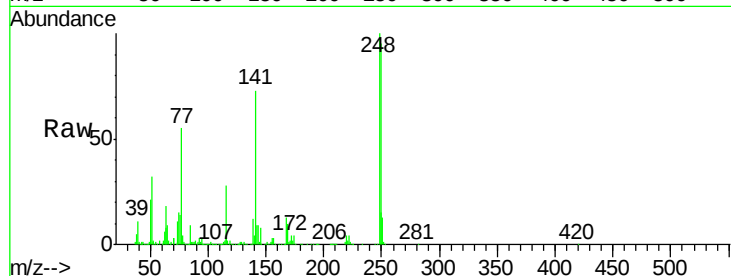




#67  
4-Bromophenyl-phenylether  
Concen: 47.26 ng  
RT: 16.62 min Scan# 2303  
Delta R.T. -0.01 min  
Lab File: BG044787.D  
Acq: 14 Mar 2020 6:50

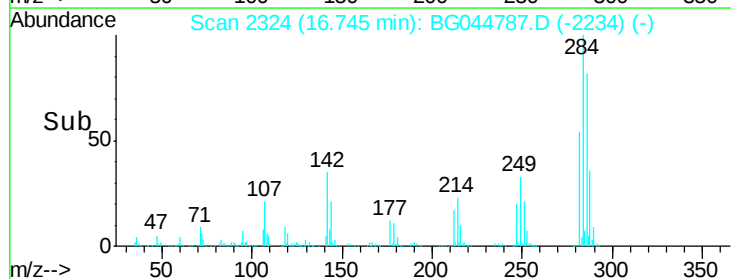
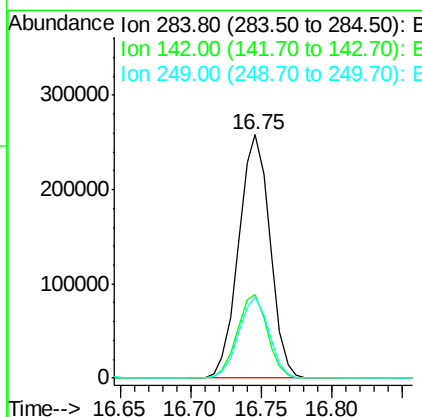
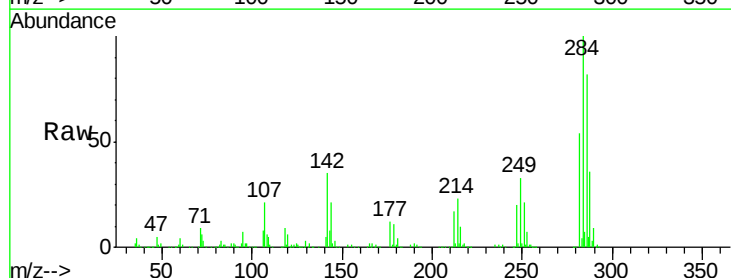
Instrument :  
BNA\_G  
ClientSampleId :  
SU-01-031220MS

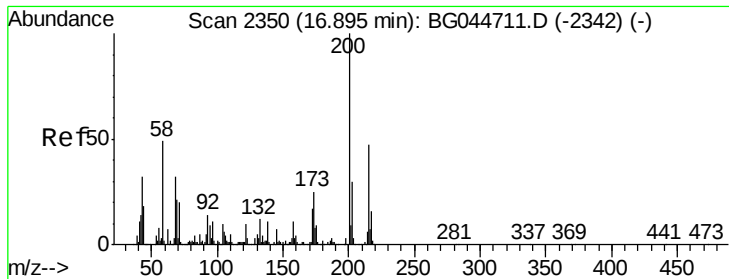
Tgt Ion:248 Resp: 370450  
Ion Ratio Lower Upper  
248 100  
250 94.6 79.4 119.0  
141 73.4 61.7 92.5



#68  
Hexachlorobenzene  
Concen: 46.99 ng  
RT: 16.75 min Scan# 2324  
Delta R.T. -0.00 min  
Lab File: BG044787.D  
Acq: 14 Mar 2020 6:50

Tgt Ion:284 Resp: 399568  
Ion Ratio Lower Upper  
284 100  
142 34.6 25.6 38.4  
249 33.2 25.8 38.6





#69

Atrazine

Concen: 49.53 ng

RT: 16.89 min Scan# 2348

Delta R.T. -0.01 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Instrument :

BNA\_G

ClientSampleId :

SU-01-031220MS

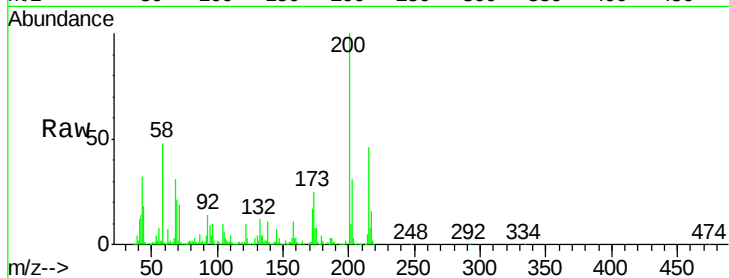
Tgt Ion:200 Resp: 342565

Ion Ratio Lower Upper

200 100

173 25.2 4.8 44.8

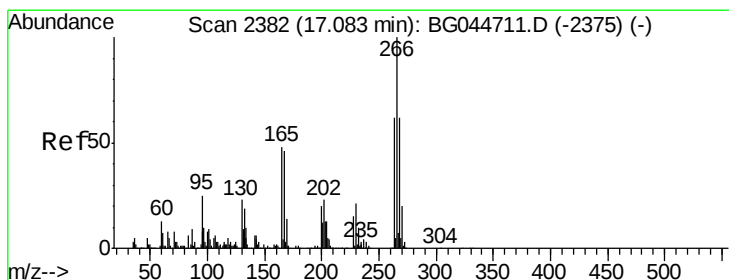
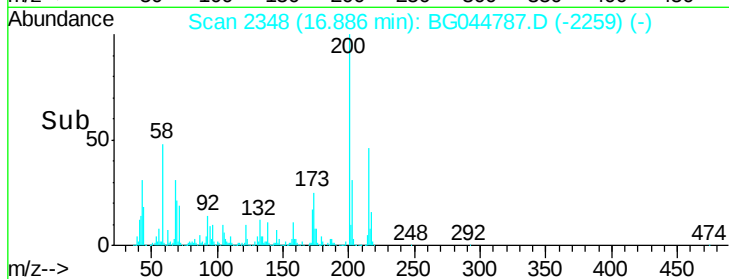
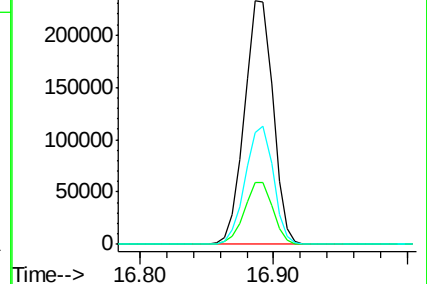
215 45.9 27.4 67.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 101.74 ng

RT: 17.09 min Scan# 2382

Delta R.T. 0.00 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

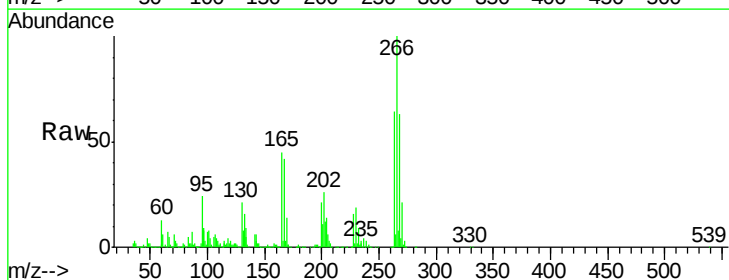
Tgt Ion:266 Resp: 476063

Ion Ratio Lower Upper

266 100

268 62.7 49.9 74.9

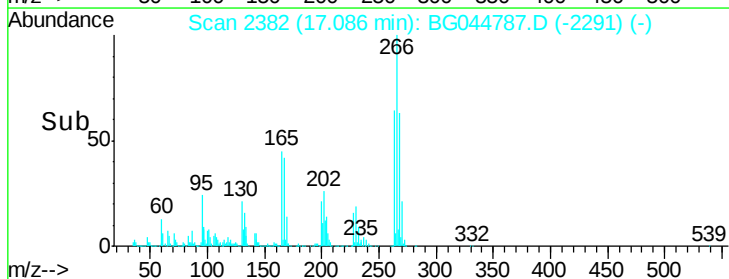
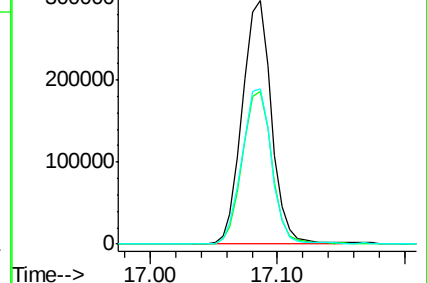
264 63.8 49.9 74.9

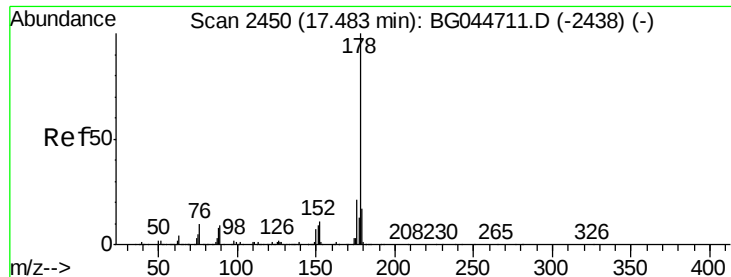


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

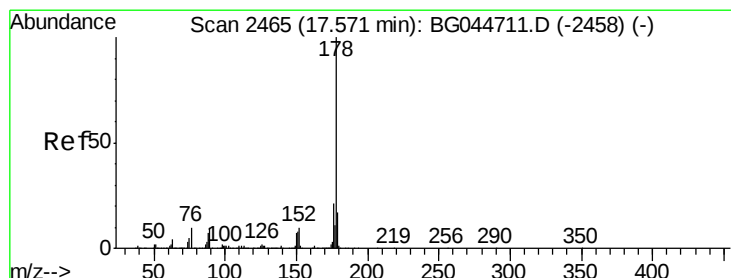
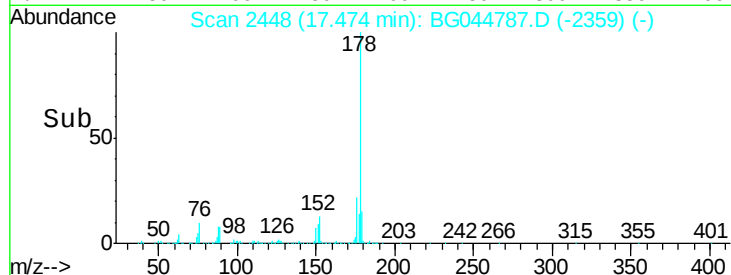
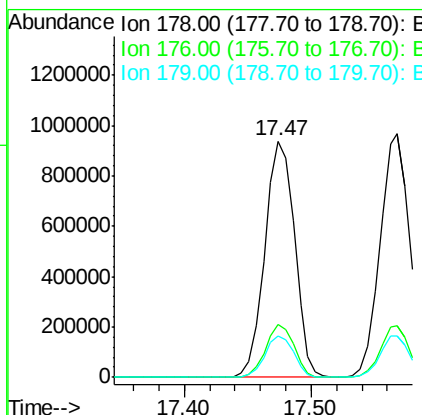
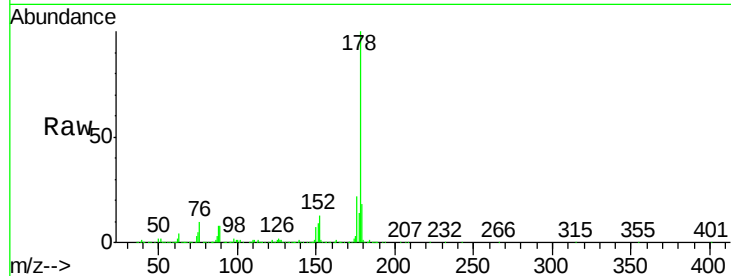




#71  
Phenanthrene  
Concen: 45.73 ng  
RT: 17.47 min Scan# 2448  
Delta R.T. -0.01 min  
Lab File: BG044787.D  
Acq: 14 Mar 2020 6:50

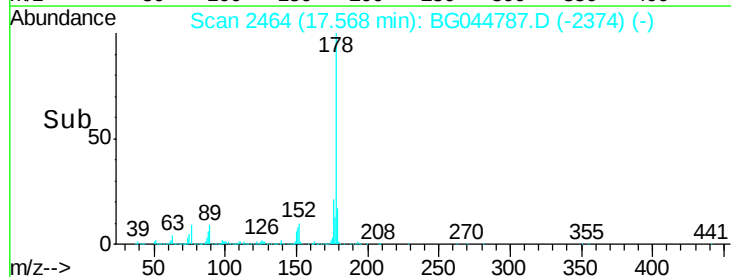
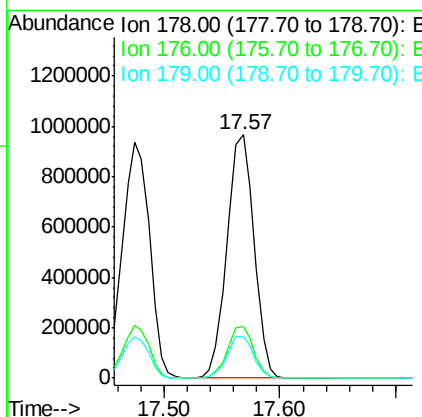
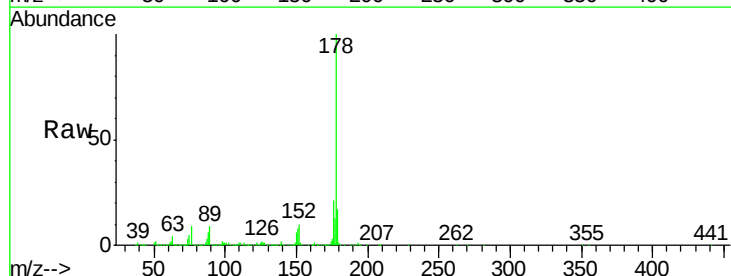
Instrument :  
BNA\_G  
ClientSampleId :  
SU-01-031220MS

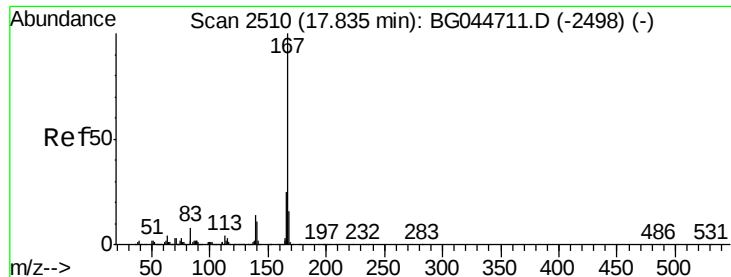
Tgt Ion:178 Resp: 1532337  
Ion Ratio Lower Upper  
178 100  
176 22.2 17.0 25.6  
179 17.6 13.7 20.5



#72  
Anthracene  
Concen: 47.53 ng  
RT: 17.57 min Scan# 2464  
Delta R.T. -0.00 min  
Lab File: BG044787.D  
Acq: 14 Mar 2020 6:50

Tgt Ion:178 Resp: 1570401  
Ion Ratio Lower Upper  
178 100  
176 21.2 17.0 25.6  
179 17.2 13.8 20.8





#73

Carbazole

Concen: 45.42 ng

RT: 17.83 min Scan# 2508

Delta R.T. -0.01 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Instrument :

BNA\_G

ClientSampleId :

SU-01-031220MS

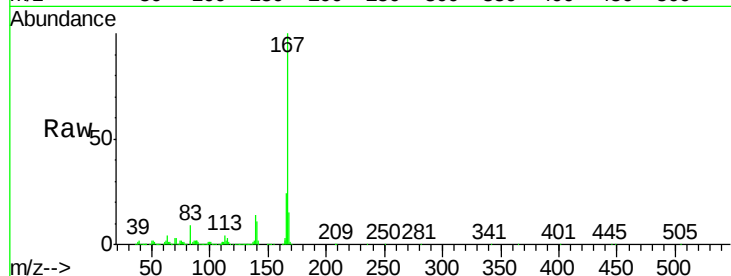
Tgt Ion:167 Resp: 1441444

Ion Ratio Lower Upper

167 100

166 24.2 19.6 29.4

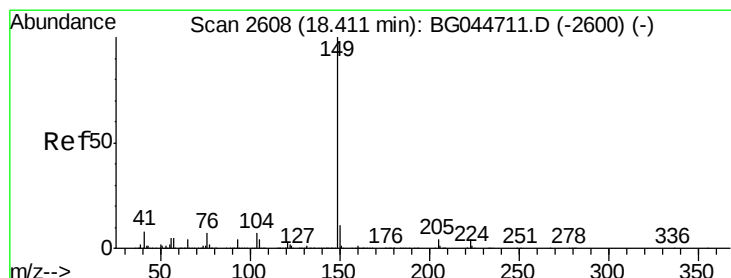
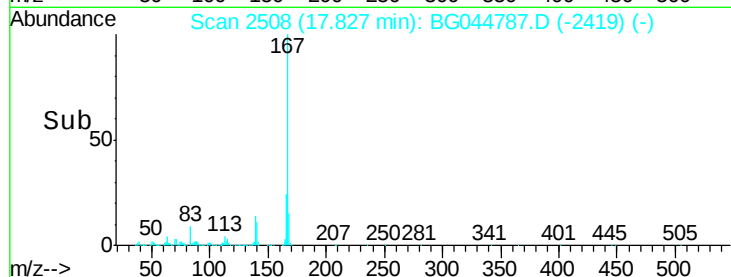
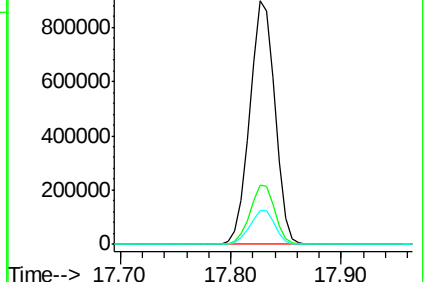
139 14.1 11.4 17.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.41 ng

RT: 18.40 min Scan# 2606

Delta R.T. -0.01 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

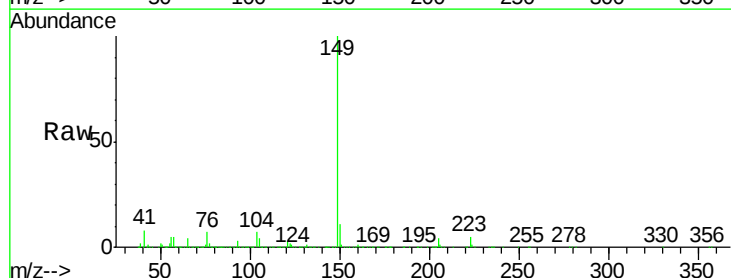
Tgt Ion:149 Resp: 1674549

Ion Ratio Lower Upper

149 100

150 10.7 8.4 12.6

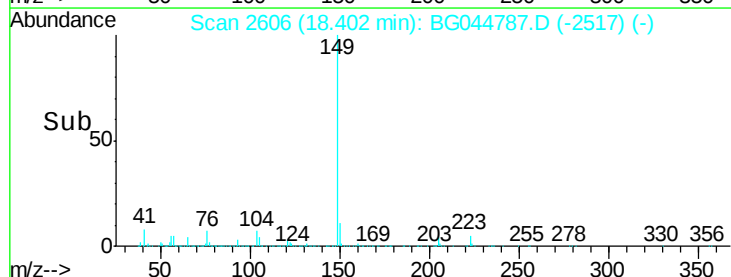
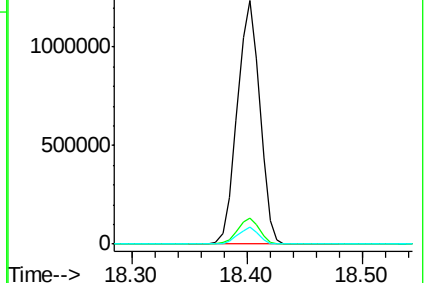
104 6.9 5.6 8.4

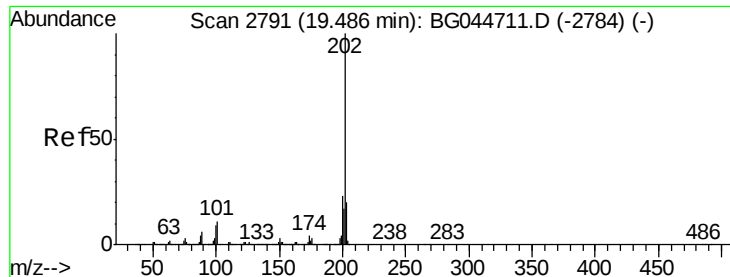


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.02 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.00 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Instrument :

BNA\_G

ClientSampleId :

SU-01-031220MS

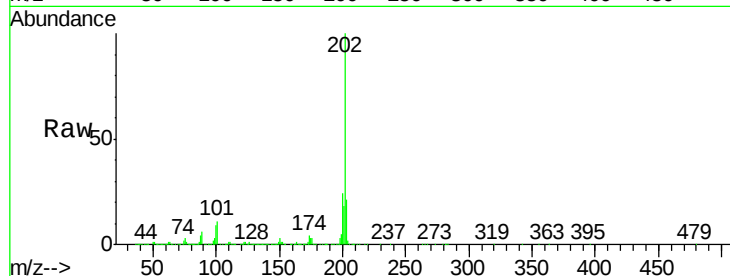
Tgt Ion:202 Resp: 1756116

Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.3

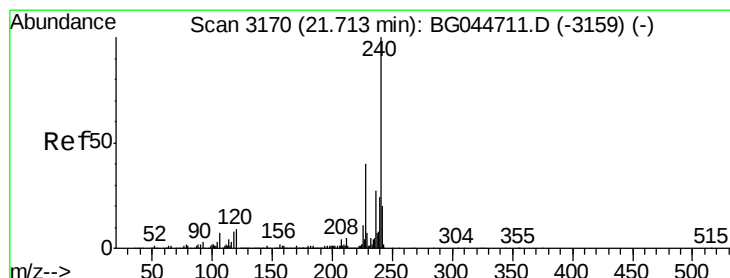
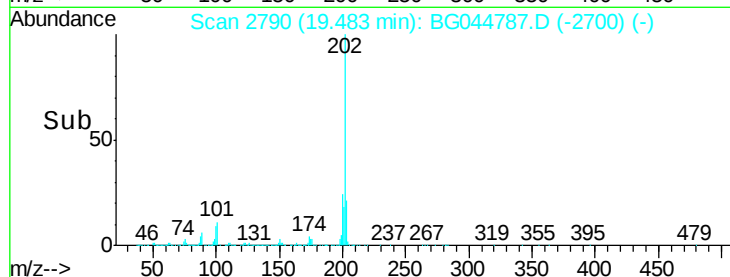
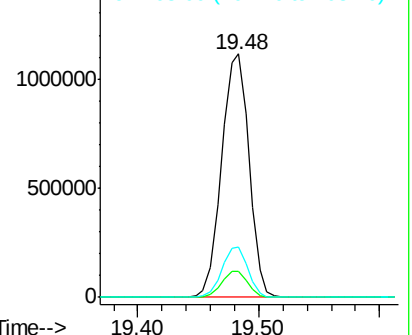
203 20.9 0.4 40.4



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: 20.00 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

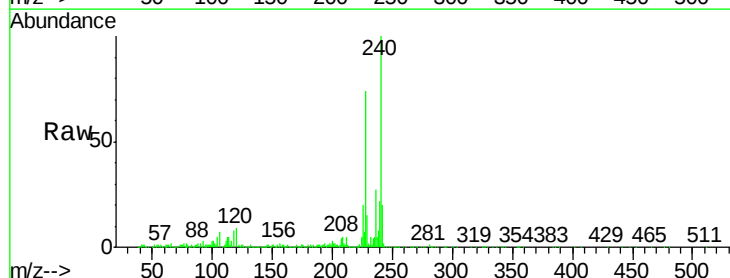
Tgt Ion:240 Resp: 499191

Ion Ratio Lower Upper

240 100

120 9.2 6.9 10.3

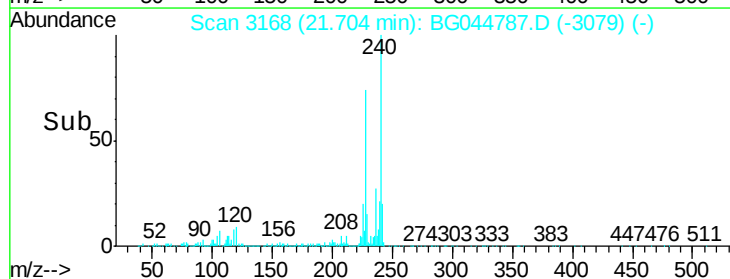
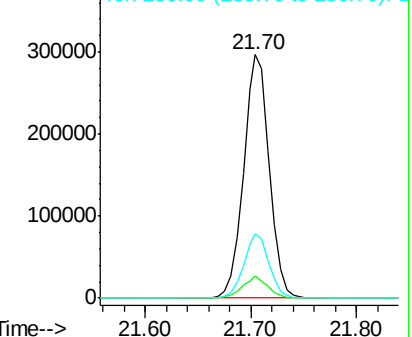
236 26.6 21.9 32.9

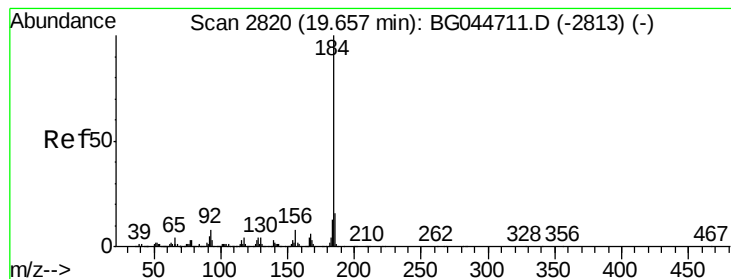


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.97 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.00 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Instrument :

BNA\_G

ClientSampleId :

SU-01-031220MS

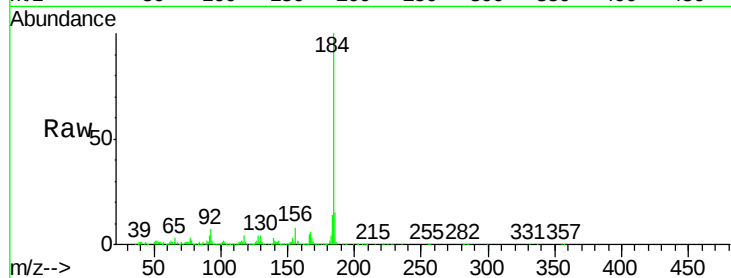
Tgt Ion:184 Resp: 599048

Ion Ratio Lower Upper

184 100

185 15.0 12.9 19.3

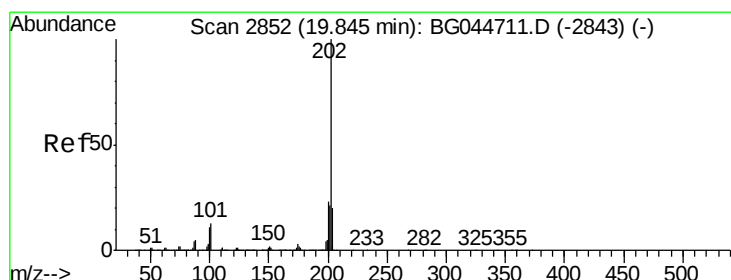
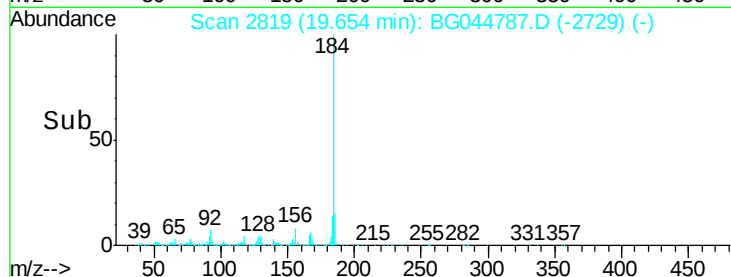
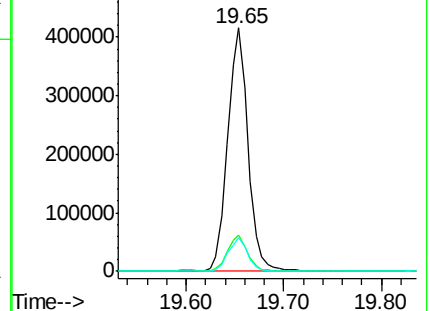
183 13.8 10.6 15.8



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: 47.88 ng

RT: 19.84 min Scan# 2851

Delta R.T. -0.00 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

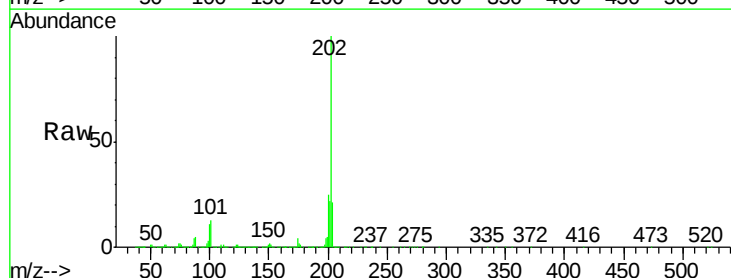
Tgt Ion:202 Resp: 1753405

Ion Ratio Lower Upper

202 100

200 24.9 18.7 28.1

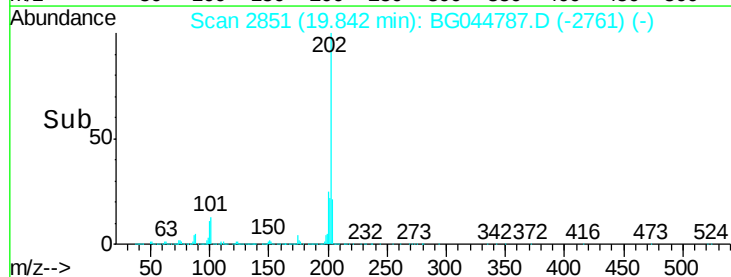
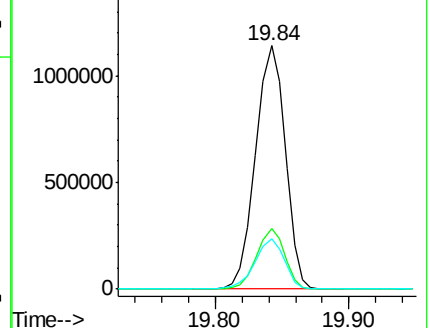
203 20.6 16.0 24.0

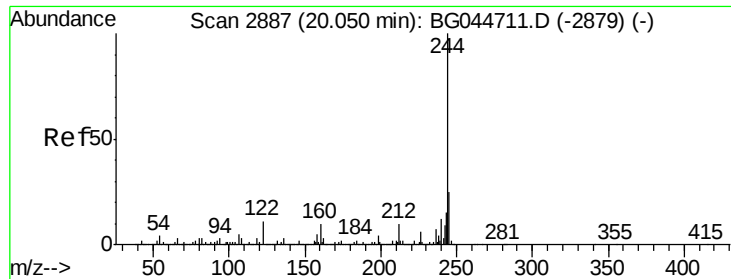


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 90.20 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Instrument :

BNA\_G

ClientSampleId :

SU-01-031220MS

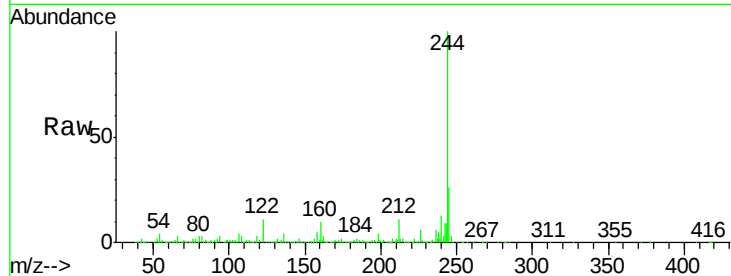
Tgt Ion:244 Resp: 2407252

Ion Ratio Lower Upper

244 100

212 10.6 8.4 12.6

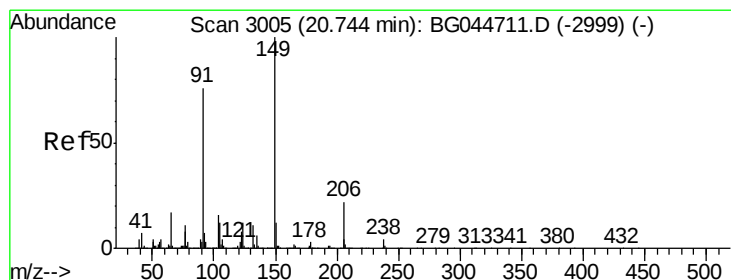
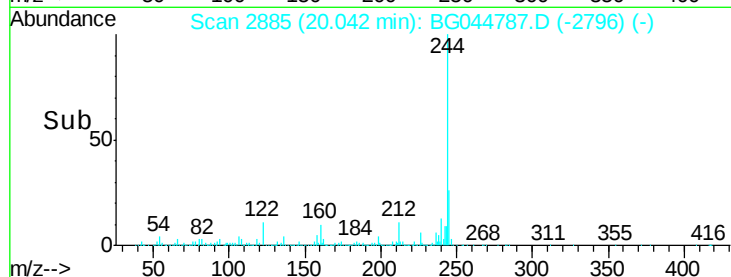
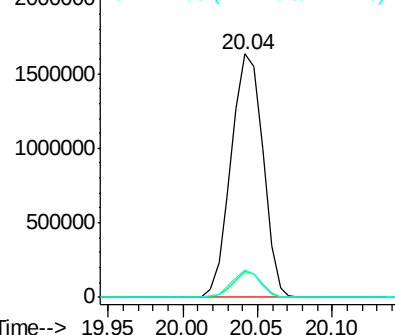
122 11.2 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.56 ng

RT: 20.73 min Scan# 3003

Delta R.T. -0.01 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

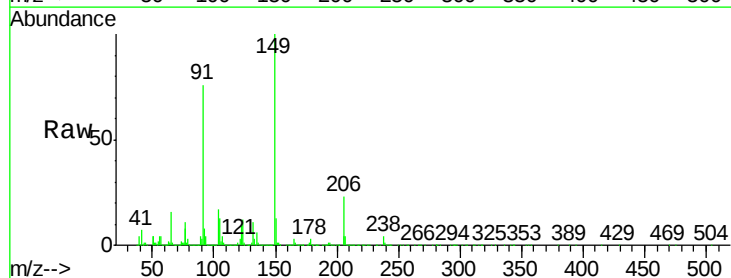
Tgt Ion:149 Resp: 758590

Ion Ratio Lower Upper

149 100

91 76.3 61.1 91.7

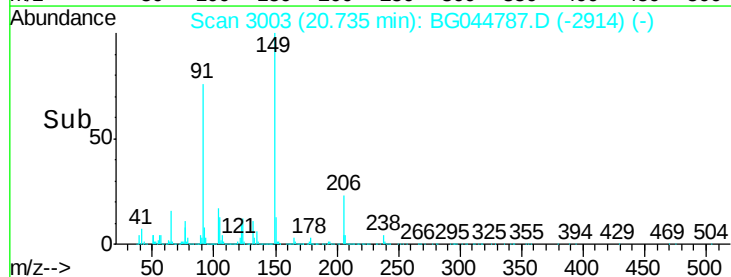
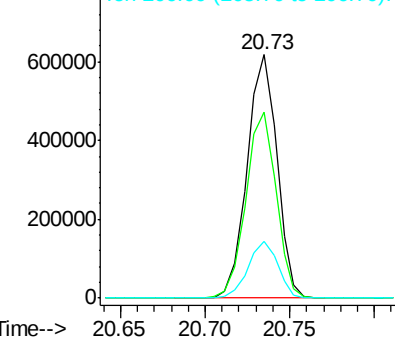
206 23.5 17.4 26.2

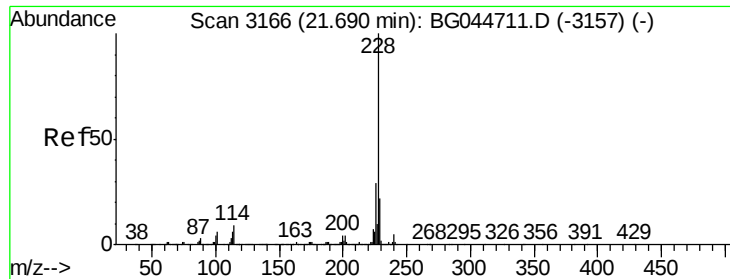


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.58 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.00 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Instrument :

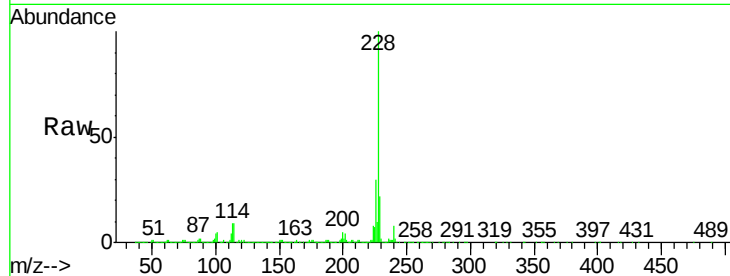
BNA\_G

ClientSampleId :

SU-01-031220MS

Tgt Ion:228 Resp: 1674397

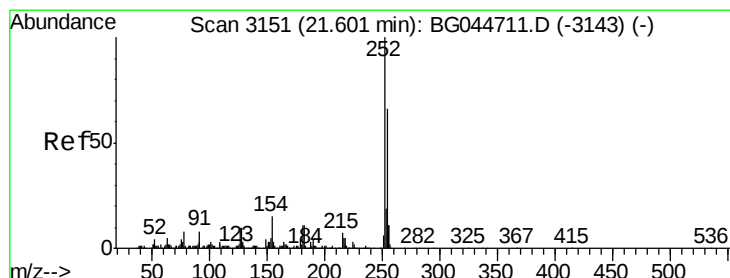
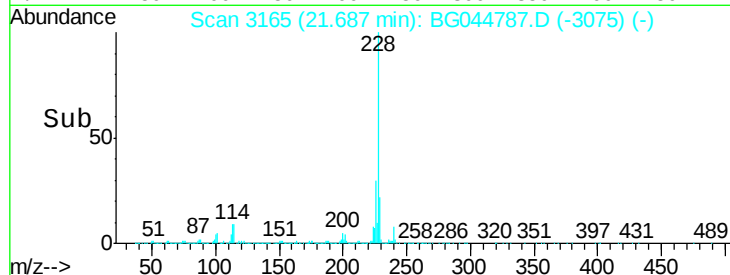
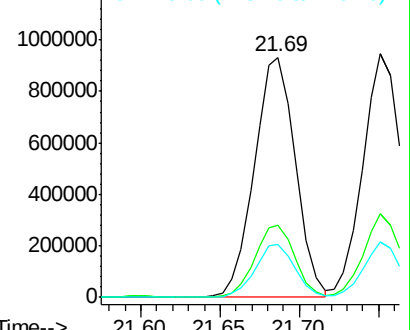
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 30.1  | 23.5  | 35.3  |
| 229 | 22.3  | 17.2  | 25.8  |



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.10 ng

RT: 21.60 min Scan# 3150

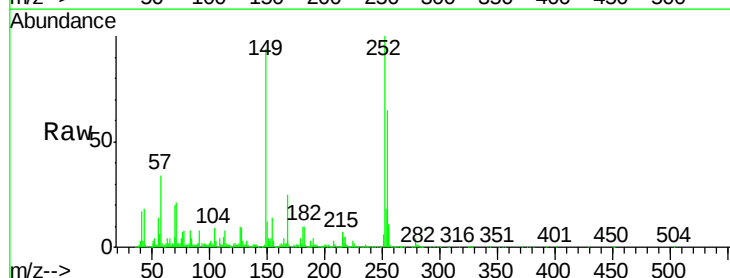
Delta R.T. -0.00 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Tgt Ion:252 Resp: 474241

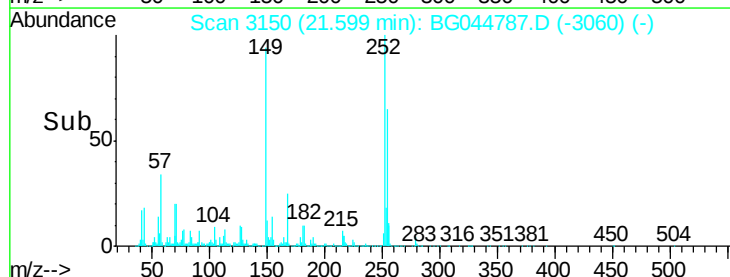
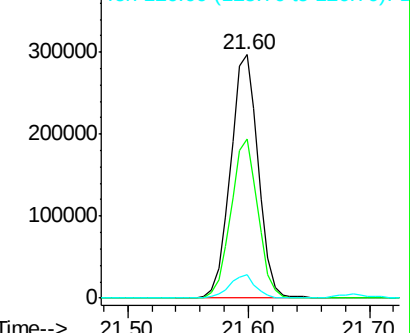
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 65.3  | 53.0  | 79.4  |
| 126 | 9.8   | 8.2   | 12.4  |

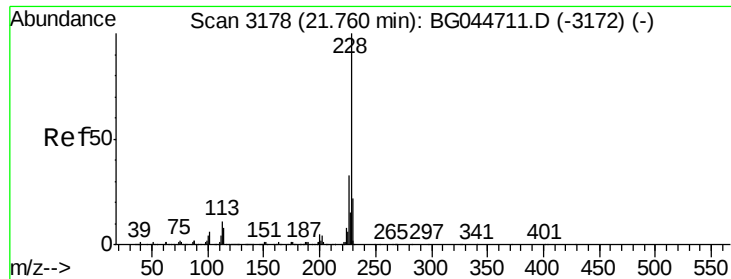


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 46.07 ng

RT: 21.75 min Scan# 3176

Delta R.T. -0.01 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Instrument :

BNA\_G

ClientSampleId :

SU-01-031220MS

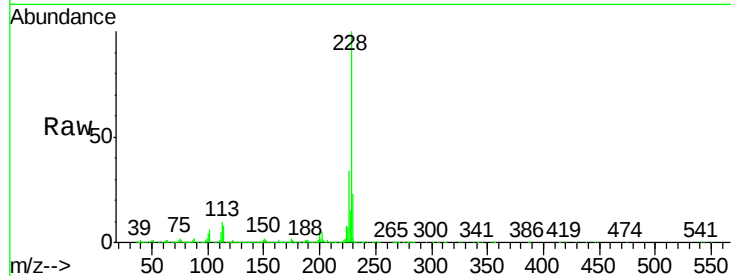
Tgt Ion:228 Resp: 1581777

Ion Ratio Lower Upper

228 100

226 34.4 26.1 39.1

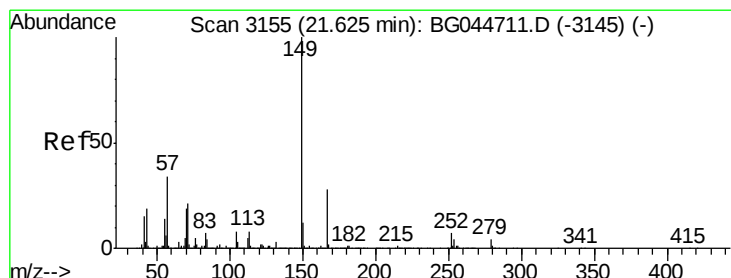
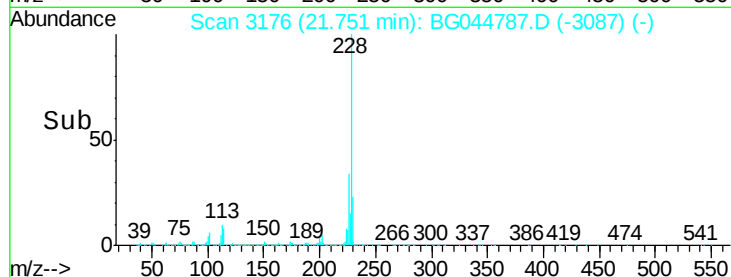
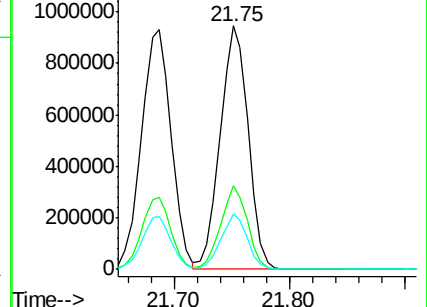
229 22.6 17.4 26.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.02 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

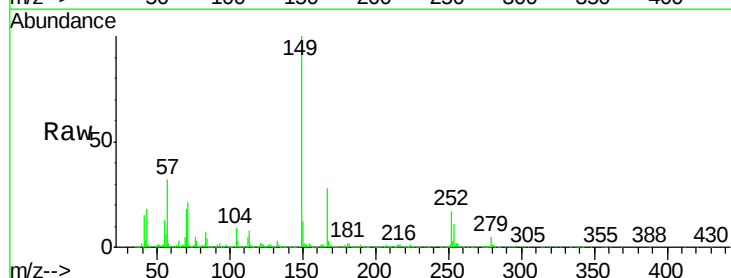
Tgt Ion:149 Resp: 1034728

Ion Ratio Lower Upper

149 100

167 28.3 22.6 33.8

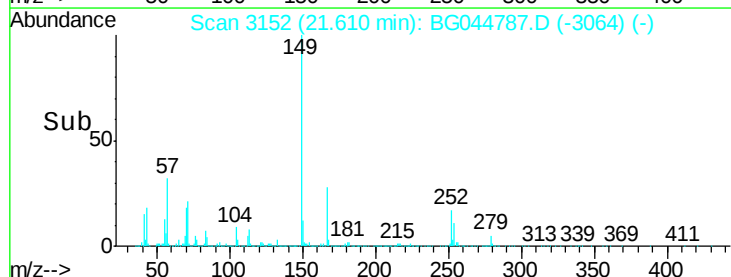
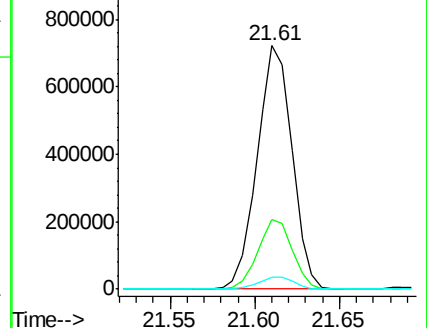
279 4.8 3.5 5.3

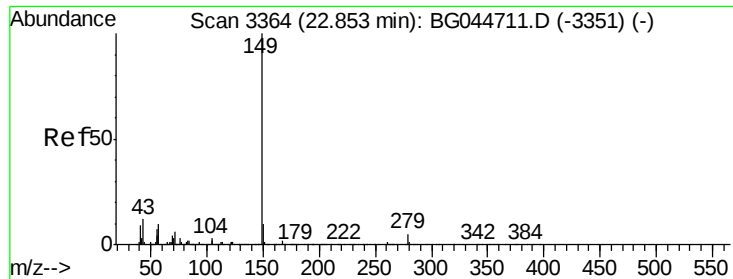


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

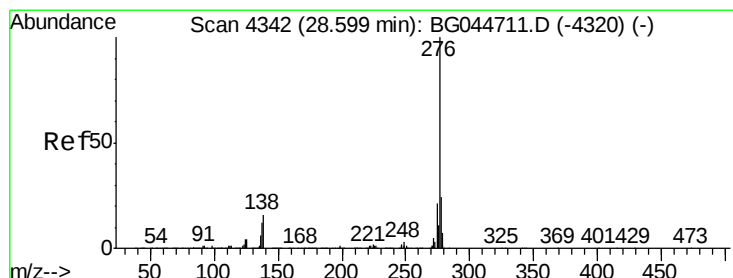
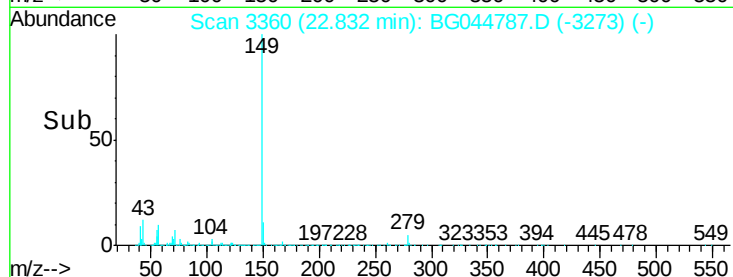
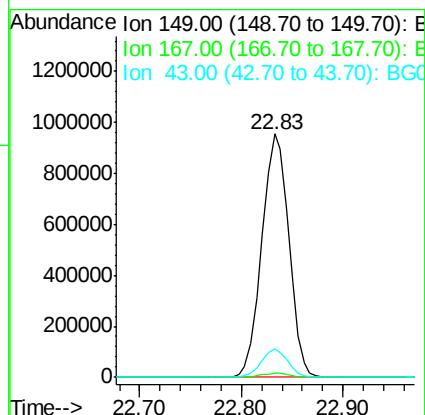
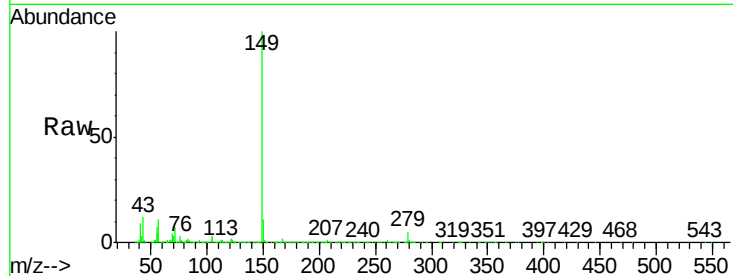




#85  
Di-n-octyl phthalate  
Concen: 46.86 ng  
RT: 22.83 min Scan# 3360  
Delta R.T. -0.02 min  
Lab File: BG044787.D  
Acq: 14 Mar 2020 6:50

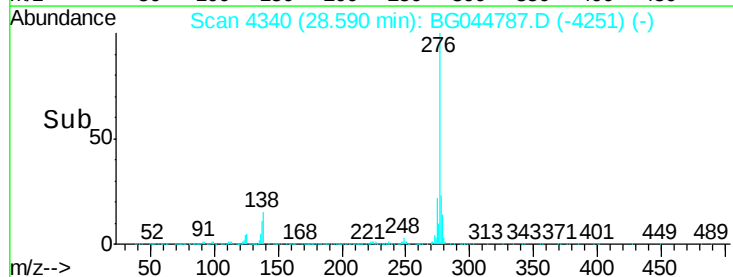
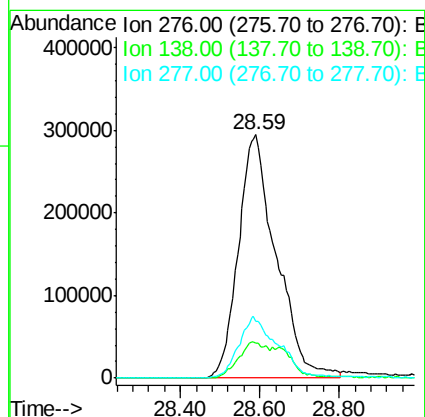
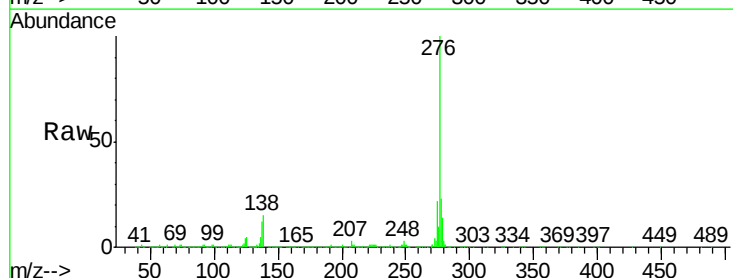
Instrument :  
BNA\_G  
ClientSampleId :  
SU-01-031220MS

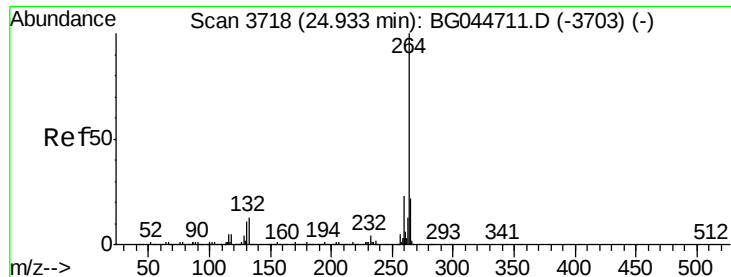
Tgt Ion:149 Resp: 1763334  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.4 2.0  
43 11.1 9.0 13.6



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 43.33 ng  
RT: 28.59 min Scan# 4340  
Delta R.T. -0.01 min  
Lab File: BG044787.D  
Acq: 14 Mar 2020 6:50

Tgt Ion:276 Resp: 1950632  
Ion Ratio Lower Upper  
276 100  
138 11.3 10.9 16.3  
277 25.7 20.8 31.2





#87

Perylene-d12

Concen: 20.00 ng

RT: 24.92 min Scan# 3716

Delta R.T. -0.01 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Instrument :

BNA\_G

ClientSampleId :

SU-01-031220MS

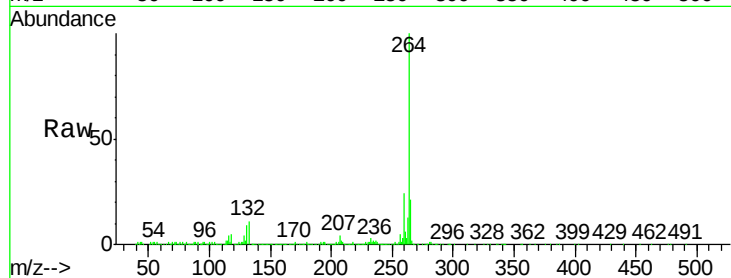
Tgt Ion:264 Resp: 580096

Ion Ratio Lower Upper

264 100

260 24.2 18.4 27.6

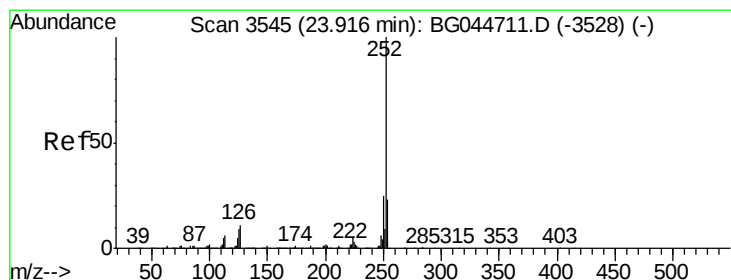
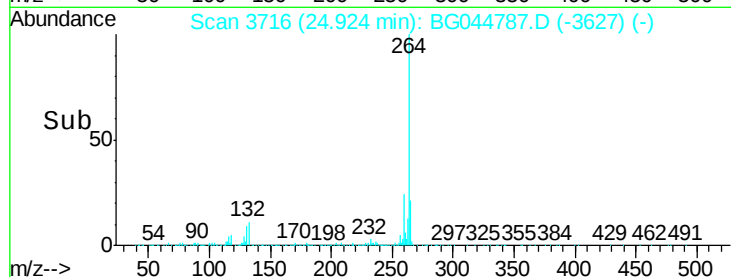
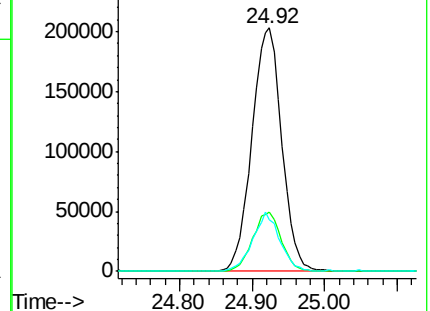
265 21.3 17.4 26.2



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: 45.27 ng

RT: 23.91 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

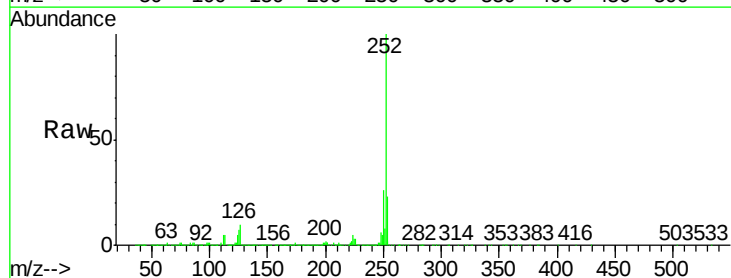
Tgt Ion:252 Resp: 1733867

Ion Ratio Lower Upper

252 100

253 23.0 18.7 28.1

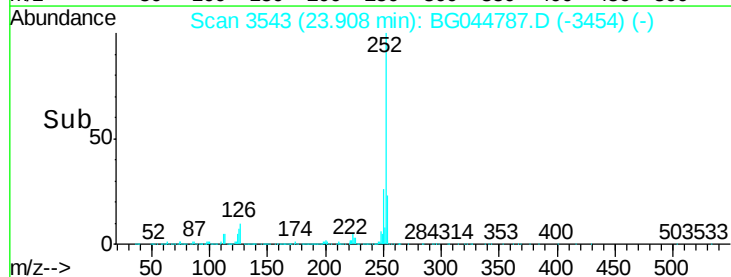
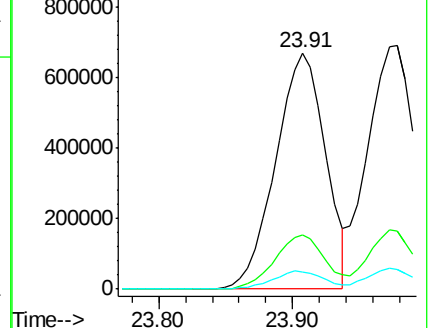
125 7.4 7.2 10.8

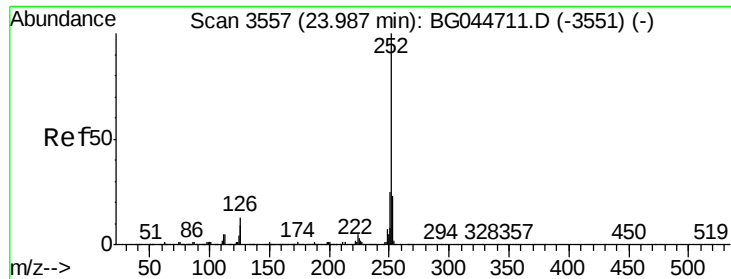


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 47.08 ng

RT: 23.98 min Scan# 3555

Delta R.T. -0.01 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Instrument :

BNA\_G

ClientSampleId :

SU-01-031220MS

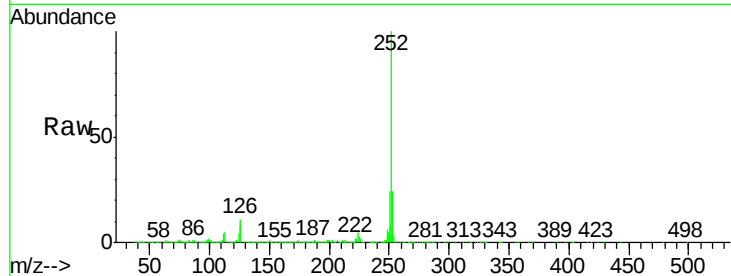
Tgt Ion:252 Resp: 1706307

Ion Ratio Lower Upper

252 100

253 24.0 18.4 27.6

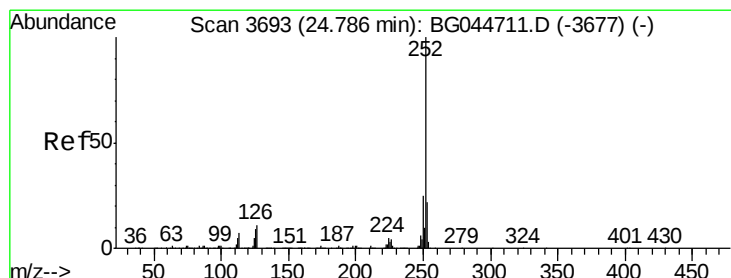
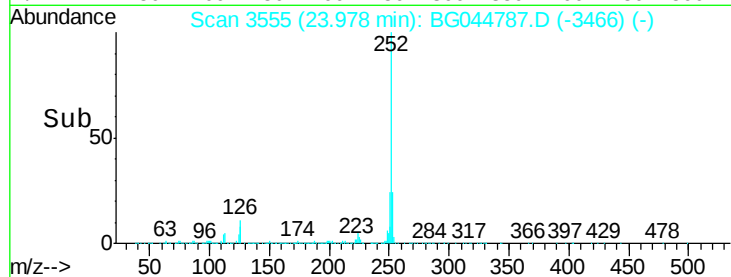
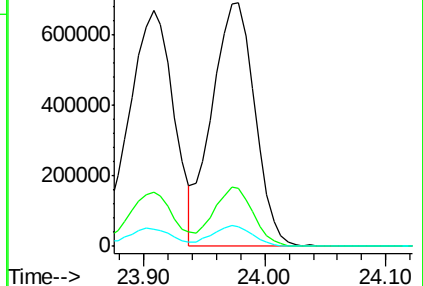
125 7.9 7.0 10.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 44.86 ng

RT: 24.78 min Scan# 3691

Delta R.T. -0.01 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

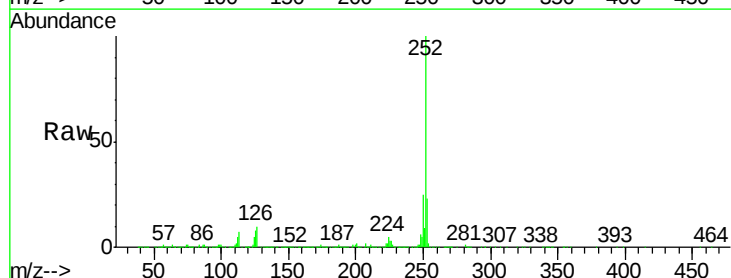
Tgt Ion:252 Resp: 1607687

Ion Ratio Lower Upper

252 100

253 22.9 17.7 26.5

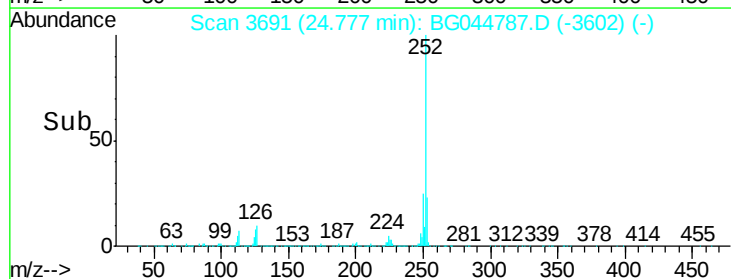
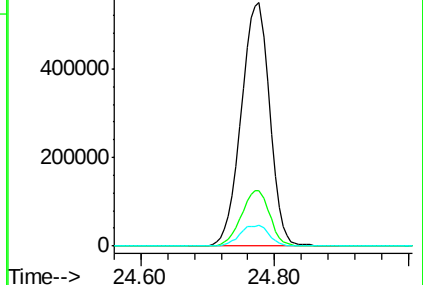
125 8.5 7.0 10.6

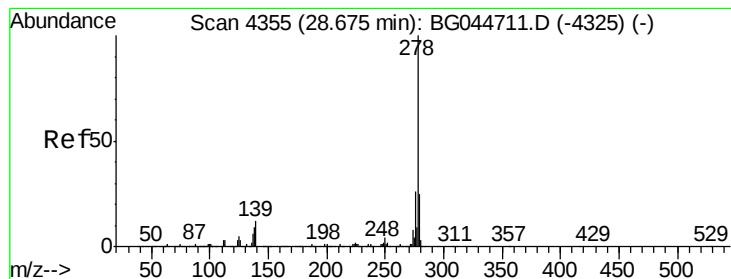


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 45.41 ng

RT: 28.66 min Scan# 4352

Delta R.T. -0.01 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

Instrument :

BNA\_G

ClientSampleId :

SU-01-031220MS

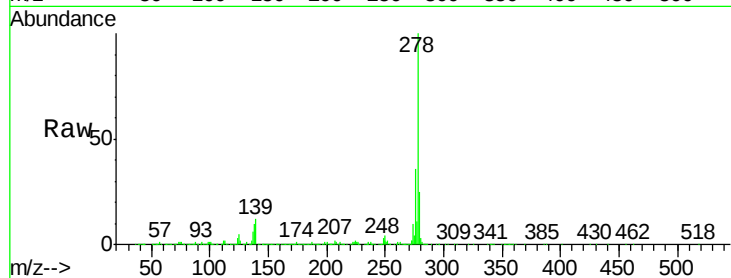
Tgt Ion:278 Resp: 1605525

Ion Ratio Lower Upper

278 100

139 11.7 9.9 14.9

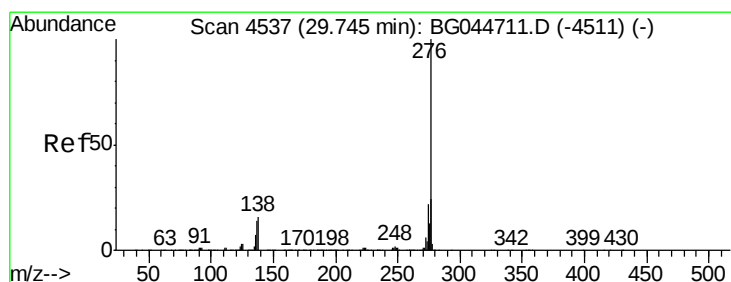
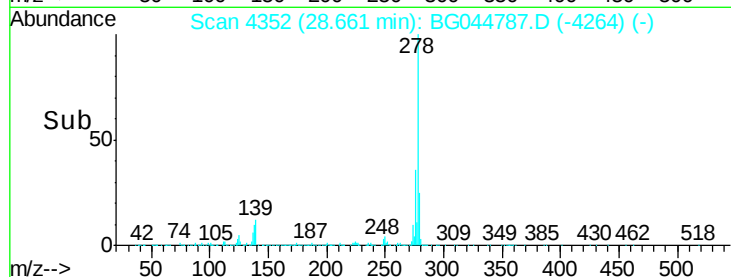
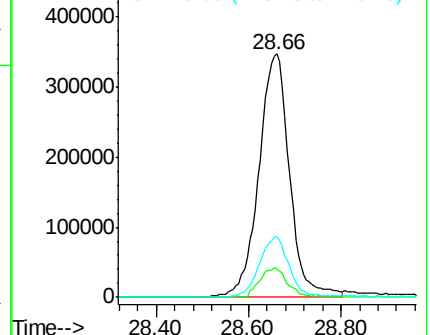
279 24.9 20.2 30.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.37 ng

RT: 29.72 min Scan# 4533

Delta R.T. -0.02 min

Lab File: BG044787.D

Acq: 14 Mar 2020 6:50

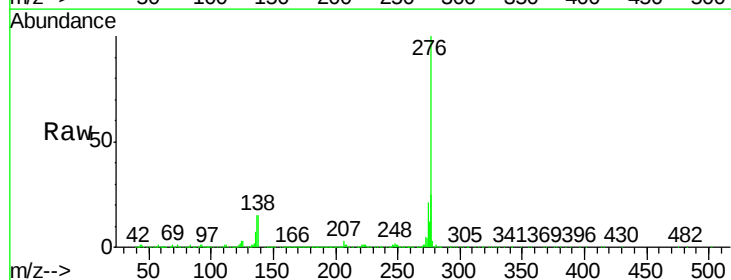
Tgt Ion:276 Resp: 1513493

Ion Ratio Lower Upper

276 100

277 24.6 18.8 28.2

138 15.0 13.0 19.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

