

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080918\  
 Data File : BG036253.D  
 Acq On : 10 Aug 2018 4:46  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Aug 10 06:56:28 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 31 12:30:06 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.00  | 152  | 39881    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 10.81 | 136  | 158315   | 20.00 | ng    | -0.03    |
| 38) Acenaphthene-d10      | 14.64 | 164  | 111502   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 17.38 | 188  | 305696   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 21.64 | 240  | 321745   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 24.83 | 264  | 315030   | 20.00 | ng    | -0.03    |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.60  | 112 | 178181  | 74.18 | ng | 0.00  |
| 7) Phenol-d6             | 7.19  | 99  | 266121  | 74.25 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 9.17  | 82  | 290529  | 76.66 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 16.13 | 330 | 130876  | 89.05 | ng | -0.01 |
| 44) 2-Fluorobiphenyl     | 13.26 | 172 | 664633  | 79.86 | ng | -0.02 |
| 78) Terphenyl-d14        | 19.99 | 244 | 1150083 | 78.79 | ng | -0.01 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.52  | 88  | 38134  | 31.191 | ng | # 74   |
| 3) Pyridine                    | 3.92  | 79  | 110741 | 34.696 | ng | # 67   |
| 4) n-Nitrosodimethylamine      | 3.83  | 42  | 46223  | 33.728 | ng | # 81   |
| 6) Aniline                     | 7.34  | 93  | 160151 | 34.476 | ng | 98     |
| 8) 2-Chlorophenol              | 7.58  | 128 | 93643  | 38.330 | ng | 97     |
| 9) Benzaldehyde                | 7.15  | 77  | 79603  | 36.199 | ng | 98     |
| 10) Phenol                     | 7.21  | 94  | 136762 | 37.771 | ng | 91     |
| 11) bis(2-Chloroethyl)ether    | 7.43  | 93  | 103203 | 36.395 | ng | 88     |
| 12) 1,3-Dichlorobenzene        | 7.90  | 146 | 114429 | 38.786 | ng | # 93   |
| 13) 1,4-Dichlorobenzene        | 8.04  | 146 | 117966 | 39.353 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 8.36  | 146 | 112328 | 39.007 | ng | 95     |
| 15) Benzyl Alcohol             | 8.25  | 79  | 118999 | 36.564 | ng | 90     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.53  | 45  | 76995  | 32.387 | ng | 71     |
| 17) 2-Methylphenol             | 8.46  | 107 | 93484  | 37.974 | ng | # 87   |
| 18) Hexachloroethane           | 9.09  | 117 | 44595  | 38.909 | ng | # 85   |
| 19) n-Nitroso-di-n-propylamine | 8.82  | 70  | 101684 | 33.693 | ng | # 85   |
| 20) 3+4-Methylphenols          | 8.79  | 107 | 129005 | 37.774 | ng | 91     |
| 22) Acetophenone               | 8.83  | 105 | 180098 | 36.582 | ng | # 94   |
| 24) Nitrobenzene               | 9.21  | 77  | 142693 | 37.440 | ng | 96     |
| 25) Isophorone                 | 9.74  | 82  | 252041 | 35.827 | ng | 97     |
| 26) 2-Nitrophenol              | 9.93  | 139 | 60871  | 44.970 | ng | # 85   |
| 27) 2,4-Dimethylphenol         | 9.98  | 122 | 89120  | 38.896 | ng | 87     |
| 28) bis(2-Chloroethoxy)methane | 10.21 | 93  | 139701 | 36.038 | ng | 95     |
| 29) 2,4-Dichlorophenol         | 10.47 | 162 | 110223 | 42.142 | ng | 94     |
| 30) 1,2,4-Trichlorobenzene     | 10.67 | 180 | 133116 | 41.506 | ng | 97     |
| 31) Naphthalene                | 10.86 | 128 | 315647 | 38.275 | ng | 98     |
| 32) Benzoic acid               | 10.17 | 122 | 36548  | 23.695 | ng | 94     |
| 33) 4-Chloroaniline            | 10.97 | 127 | 136844 | 38.072 | ng | 97     |
| 34) Hexachlorobutadiene        | 11.14 | 225 | 111650 | 44.644 | ng | 97     |
| 35) Caprolactam                | 11.78 | 113 | 36610  | 32.617 | ng | # 65   |
| 36) 4-Chloro-3-methylphenol    | 12.10 | 107 | 135291 | 38.590 | ng | 93     |
| 37) 2-Methylnaphthalene        | 12.46 | 142 | 238742 | 38.858 | ng | # 90   |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.83 | 216 | 175728 | 41.756 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 12.80 | 237 | 83436  | 37.803 | ng | 93     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080918\  
 Data File : BG036253.D  
 Acq On : 10 Aug 2018 4:46  
 Operator : JU/SJ  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

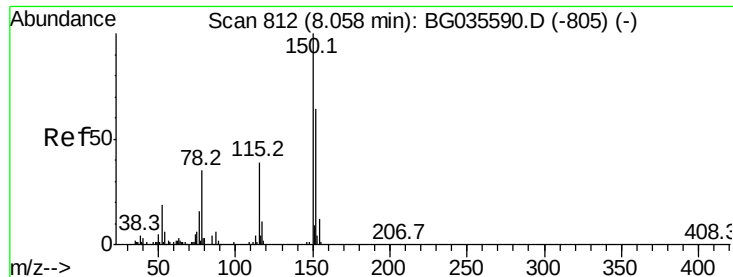
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Aug 10 06:56:28 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 31 12:30:06 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.07 | 196  | 103607   | 42.097 | ng    | 96       |
| 43) 2,4,5-Trichlorophenol      | 13.16 | 196  | 112690   | 40.930 | ng    | 99       |
| 45) 1,1'-Biphenyl              | 13.47 | 154  | 335587   | 38.820 | ng    | 98       |
| 46) 2-Chloronaphthalene        | 13.51 | 162  | 264786   | 39.378 | ng    | 98       |
| 47) 2-Nitroaniline             | 13.72 | 65   | 92241    | 38.802 | ng    | 97       |
| 48) Acenaphthylene             | 14.35 | 152  | 437217   | 38.816 | ng    | 96       |
| 49) Dimethylphthalate          | 14.09 | 163  | 371240   | 38.001 | ng    | 100      |
| 50) 2,6-Dinitrotoluene         | 14.21 | 165  | 82049    | 41.244 | ng    | 93       |
| 51) Acenaphthene               | 14.70 | 154  | 265927   | 37.900 | ng    | 99       |
| 52) 3-Nitroaniline             | 14.55 | 138  | 75748    | 37.254 | ng    | # 93     |
| 53) 2,4-Dinitrophenol          | 14.75 | 184  | 36255    | 39.106 | ng    | # 71     |
| 54) Dibenzofuran               | 15.03 | 168  | 432523   | 38.760 | ng    | 93       |
| 55) 4-Nitrophenol              | 14.87 | 139  | 48792    | 33.695 | ng    | # 87     |
| 56) 2,4-Dinitrotoluene         | 15.00 | 165  | 118358   | 41.470 | ng    | # 88     |
| 57) Fluorene                   | 15.68 | 166  | 359805   | 38.470 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.27 | 232  | 106235   | 40.243 | ng    | # 93     |
| 59) Diethylphthalate           | 15.45 | 149  | 370031   | 36.836 | ng    | 98       |
| 60) 4-Chlorophenyl-phenylether | 15.67 | 204  | 220620   | 40.133 | ng    | 97       |
| 61) 4-Nitroaniline             | 15.71 | 138  | 72380    | 34.031 | ng    | # 73     |
| 62) Azobenzene                 | 15.96 | 77   | 348254   | 35.147 | ng    | 95       |
| 64) 4,6-Dinitro-2-methylphenol | 15.77 | 198  | 69244    | 40.691 | ng    | 87       |
| 65) n-Nitrosodiphenylamine     | 15.89 | 169  | 331783   | 38.131 | ng    | 98       |
| 66) 4-Bromophenyl-phenylether  | 16.56 | 248  | 144199   | 40.658 | ng    | 97       |
| 67) Hexachlorobenzene          | 16.69 | 284  | 149499   | 40.933 | ng    | 94       |
| 68) Atrazine                   | 16.83 | 200  | 123013   | 34.337 | ng    | 95       |
| 69) Pentachlorophenol          | 17.04 | 266  | 70816    | 31.833 | ng    | 99       |
| 70) Phenanthrene               | 17.42 | 178  | 578011   | 37.893 | ng    | 98       |
| 71) Anthracene                 | 17.52 | 178  | 569496   | 37.495 | ng    | 98       |
| 72) Carbazole                  | 17.79 | 167  | 526598   | 36.508 | ng    | 99       |
| 73) Di-n-butylphthalate        | 18.33 | 149  | 626483   | 36.754 | ng    | # 97     |
| 74) Fluoranthene               | 19.43 | 202  | 760350   | 37.006 | ng    | 97       |
| 76) Benzidine                  | 19.61 | 184  | 305815   | 36.154 | ng    | 98       |
| 77) Pyrene                     | 19.79 | 202  | 764563   | 37.581 | ng    | 97       |
| 79) Butylbenzylphthalate       | 20.67 | 149  | 290198   | 39.889 | ng    | # 96     |
| 80) Benzo(a)anthracene         | 21.62 | 228  | 756205   | 37.715 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.54 | 252  | 271879   | 38.889 | ng    | # 96     |
| 82) Chrysene                   | 21.69 | 228  | 712357   | 38.340 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.52 | 149  | 402267   | 40.671 | ng    | 99       |
| 84) Di-n-octyl phthalate       | 22.71 | 149  | 667916   | 40.332 | ng    | # 93     |
| 85) Indeno(1,2,3-cd)pyrene     | 28.47 | 276  | 775950   | 37.721 | ng    | # 84     |
| 87) Benzo(b)fluoranthene       | 23.82 | 252  | 711492   | 37.159 | ng    | # 96     |
| 88) Benzo(k)fluoranthene       | 23.89 | 252  | 726104   | 38.789 | ng    | # 97     |
| 89) Benzo(a)pyrene             | 24.68 | 252  | 685820   | 38.500 | ng    | # 95     |
| 90) Dibenzo(a,h)anthracene     | 28.52 | 278  | 657057   | 37.572 | ng    | # 93     |
| 91) Benzo(g,h,i)perylene       | 29.60 | 276  | 648585   | 37.900 | ng    | # 93     |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.00 min Scan# 803

Delta R.T. -0.02 min

Lab File: BG036253.D

Acq: 10 Aug 2018 4:46

Instrument :

BNA\_G

ClientSampled :

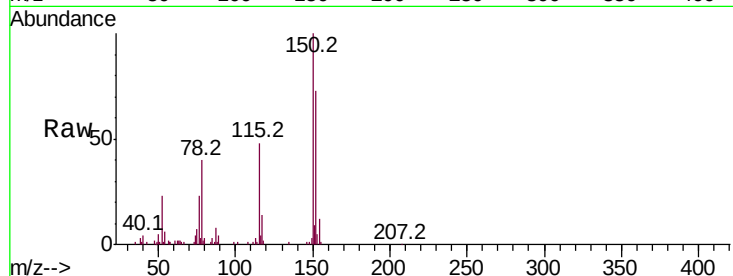
Tot Ion:152 Resp: 39881

Ion Ratio Lower Upper

152 100

150 136.9 126.6 189.8

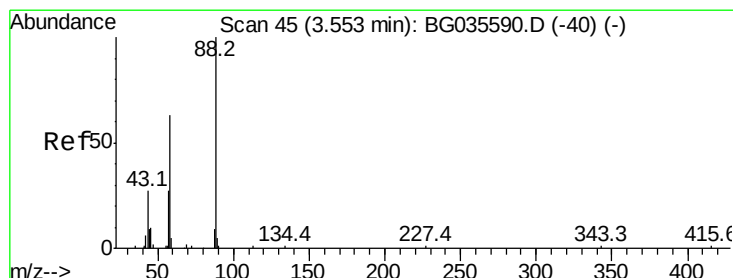
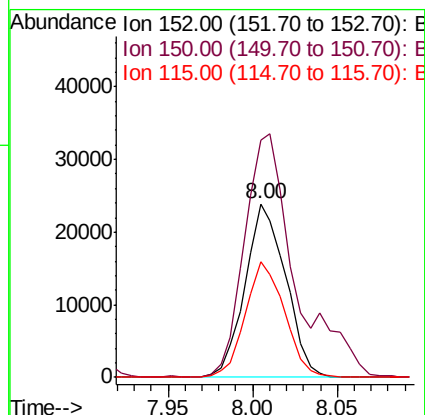
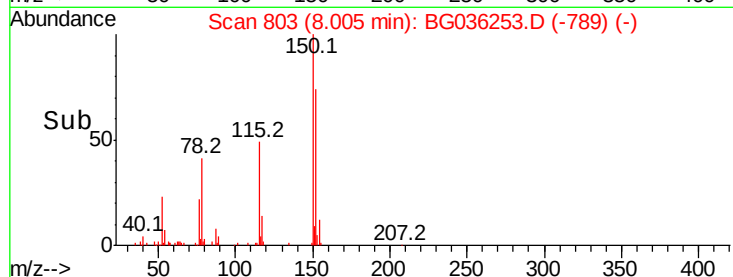
115 66.3 53.0 79.4



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: 31.191 ng

RT: 3.52 min Scan# 39

Delta R.T. -0.01 min

Lab File: BG036253.D

Acq: 10 Aug 2018 4:46

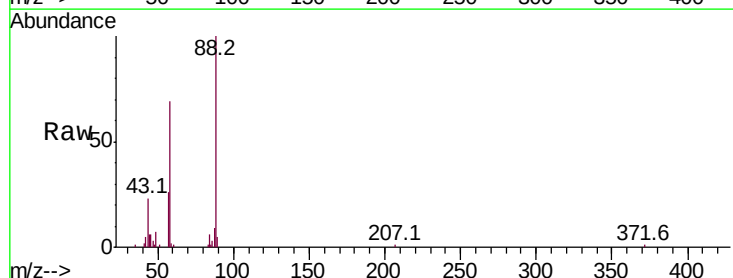
Tgt Ion: 88 Resp: 38134

Ion Ratio Lower Upper

88 100

58 68.7 79.6 119.4#

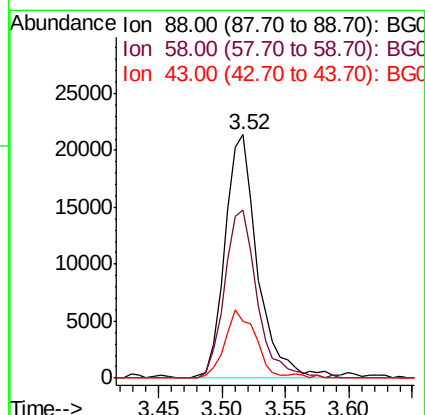
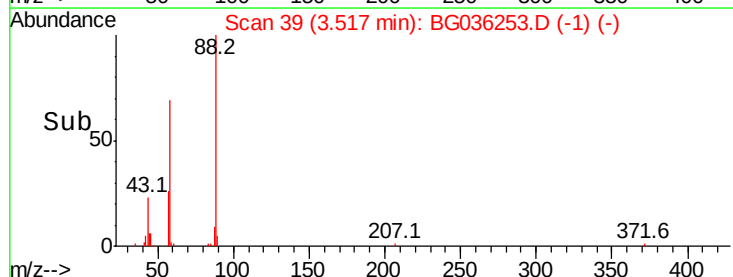
43 27.2 27.4 41.0#

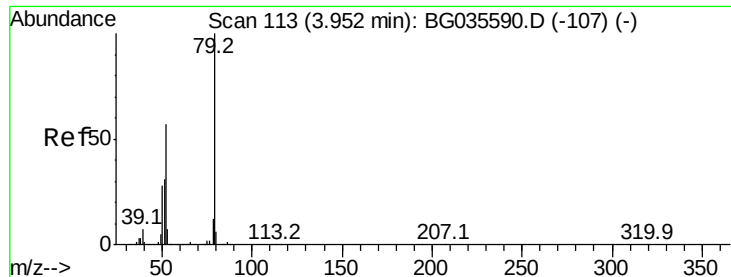


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.696 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.00 min

Lab File: BG036253.D

Acq: 10 Aug 2018 4:46

Instrument :

BNA\_G

ClientSampleId :

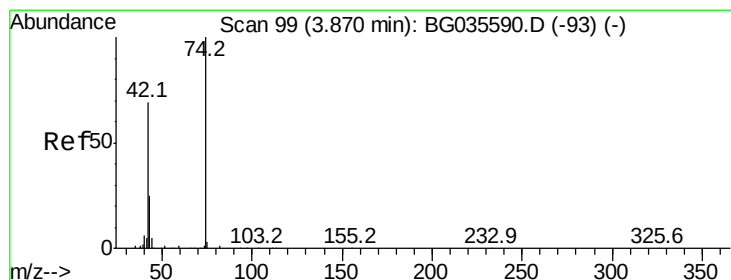
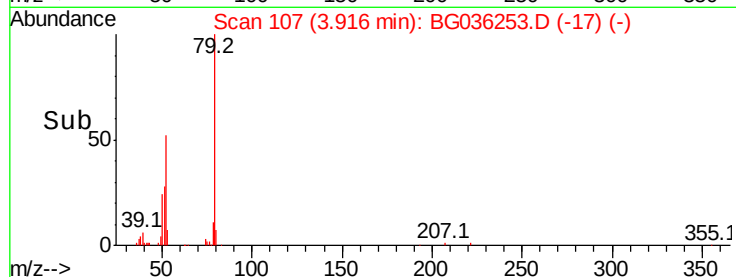
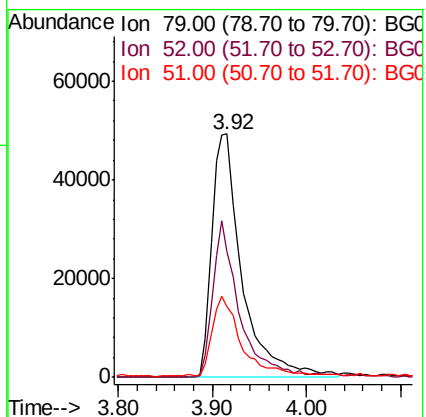
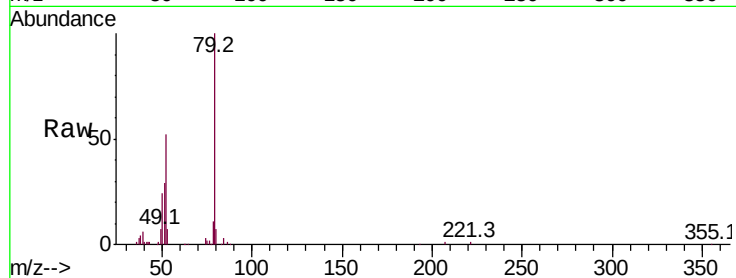
Tot Ion: 79 Resp: 110741

Ion Ratio Lower Upper

79 100

52 51.8 69.9 104.9#

51 29.0 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 33.728 ng

RT: 3.83 min Scan# 92

Delta R.T. -0.01 min

Lab File: BG036253.D

Acq: 10 Aug 2018 4:46

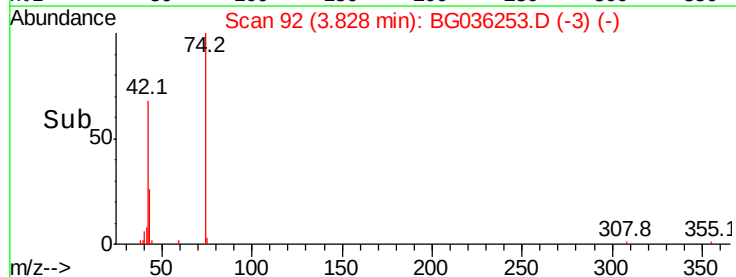
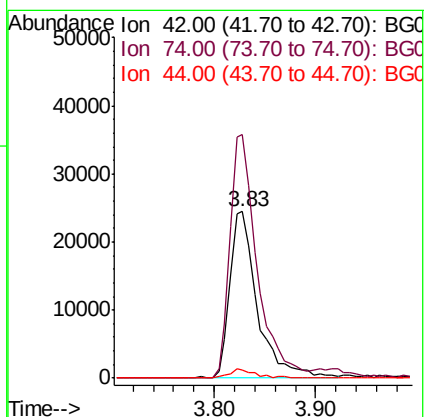
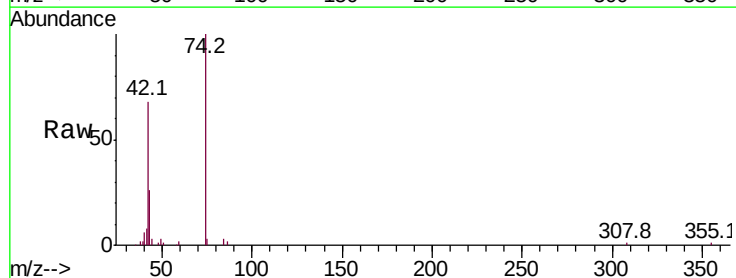
Tgt Ion: 42 Resp: 46223

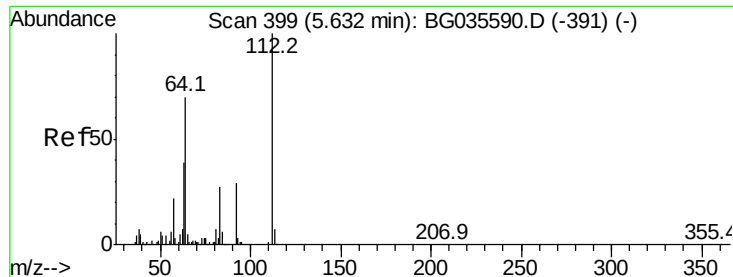
Ion Ratio Lower Upper

42 100

74 146.4 102.5 153.7

44 4.6 18.9 28.3#





#5

2-Fluorophenol

Concen: 74.176 ng

RT: 5.60 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG036253.D

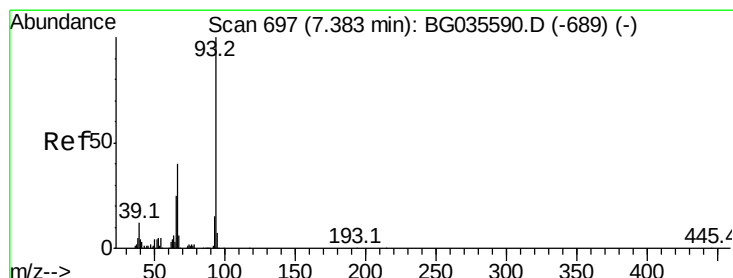
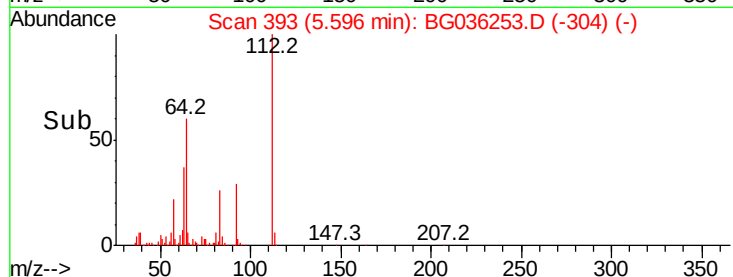
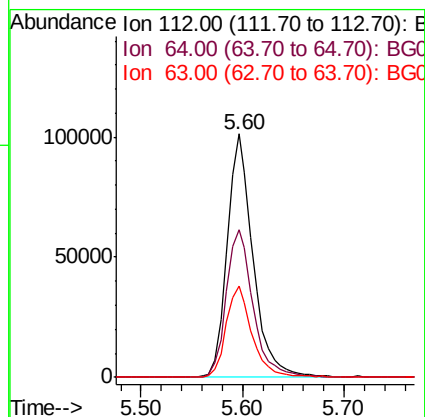
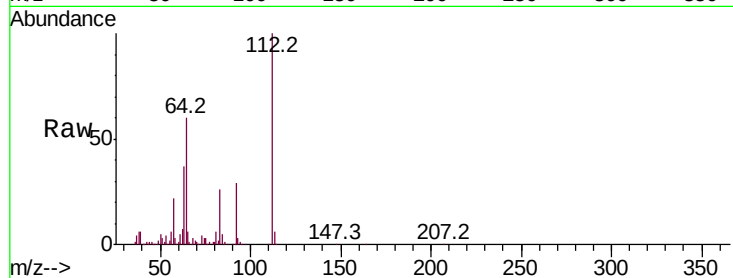
Acq: 10 Aug 2018 4:46

Instrument :

BNA\_G

ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 112   | Resp: | 178181 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 64       | 60.4  | 56.3  | 84.5   |
| 63       | 37.4  | 30.1  | 45.1   |



#6

Aniline

Concen: 34.476 ng

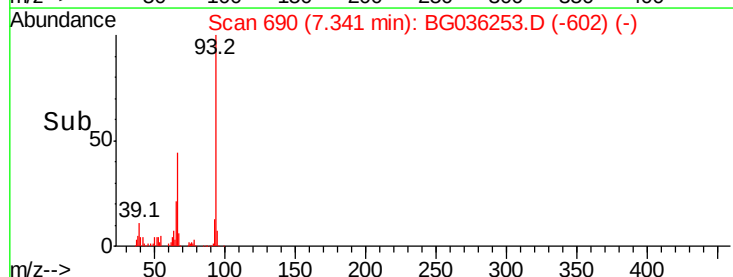
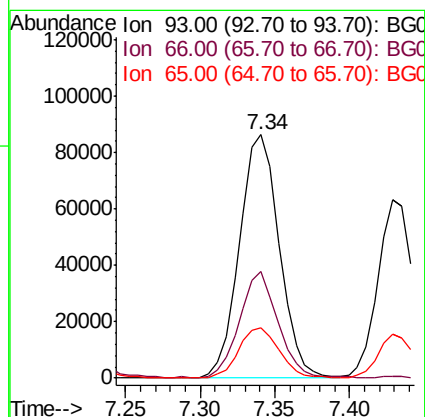
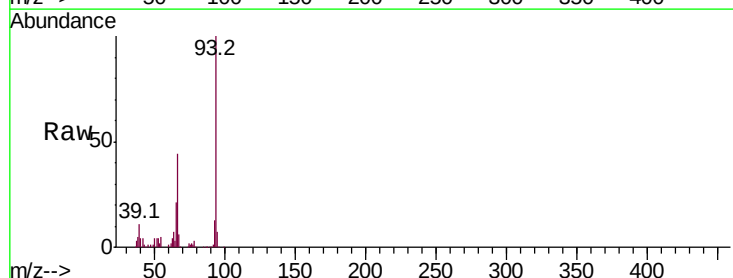
RT: 7.34 min Scan# 690

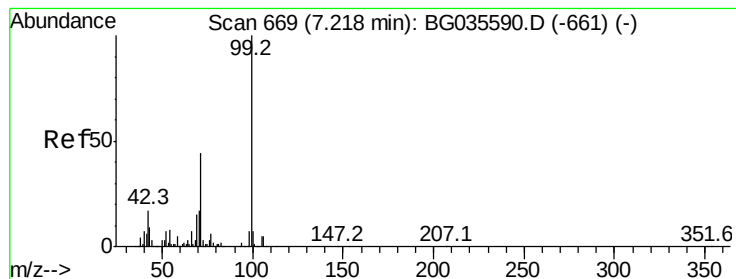
Delta R.T. -0.01 min

Lab File: BG036253.D

Acq: 10 Aug 2018 4:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 160151 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 66       | 43.7  | 33.7  | 50.5   |
| 65       | 20.8  | 16.1  | 24.1   |





#7

Phenol-d6

Concen: 74.254 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036253.D

Acq: 10 Aug 2018 4:46

Instrument :

BNA\_G

ClientSampleId :

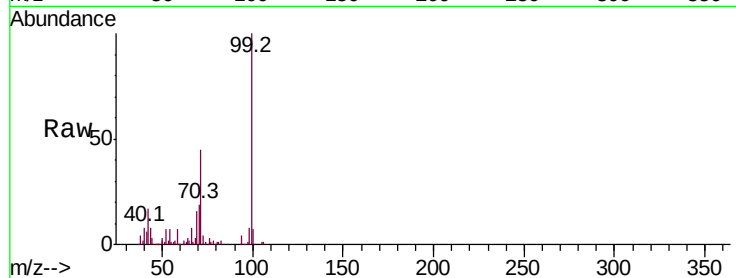
Tot Ion: 99 Resp: 266121

Ion Ratio Lower Upper

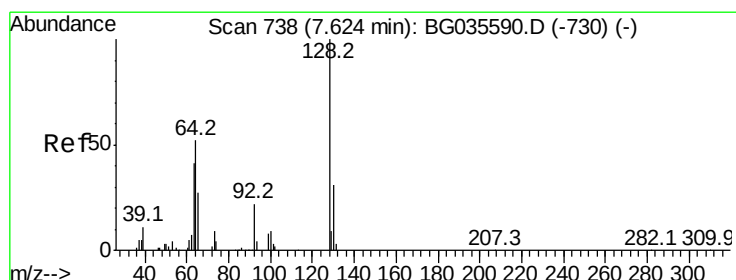
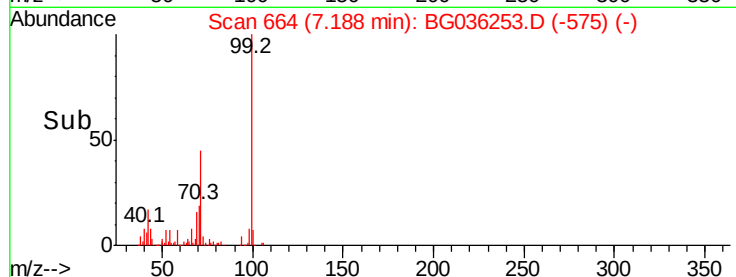
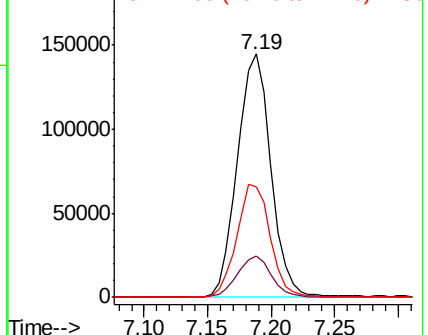
99 100

42 17.0 14.1 21.1

71 45.3 26.1 39.1#



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: 38.330 ng

RT: 7.58 min Scan# 730

Delta R.T. -0.02 min

Lab File: BG036253.D

Acq: 10 Aug 2018 4:46

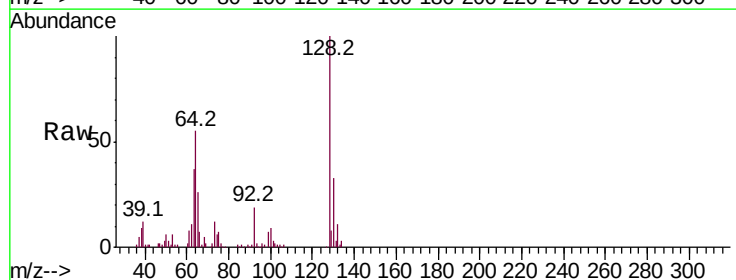
Tgt Ion: 128 Resp: 93643

Ion Ratio Lower Upper

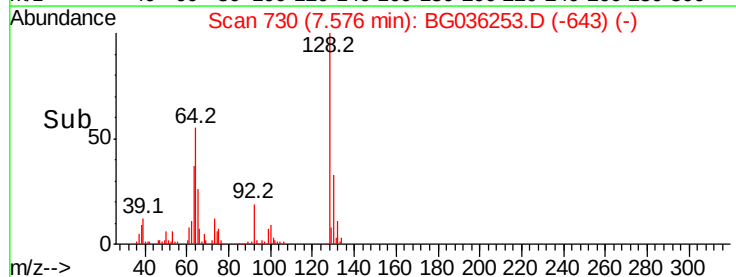
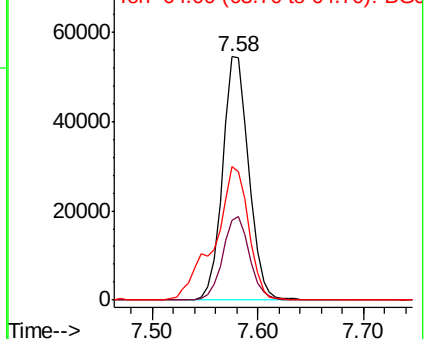
128 100

130 32.9 14.0 54.0

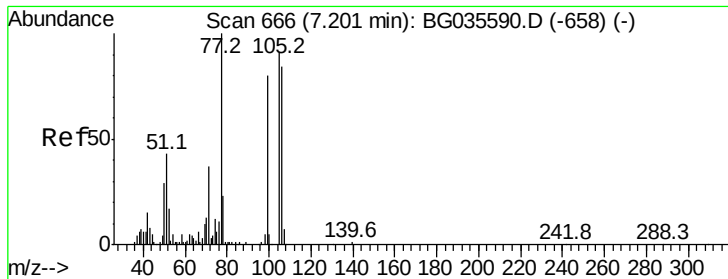
64 54.8 37.7 77.7



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







#9

Benzaldehyde

Concen: 36.199 ng

RT: 7.15 min Scan# 658

Delta R.T. -0.01 min

Lab File: BG036253.D

Acq: 10 Aug 2018 4:46

Instrument :

BNA\_G

ClientSampleId :

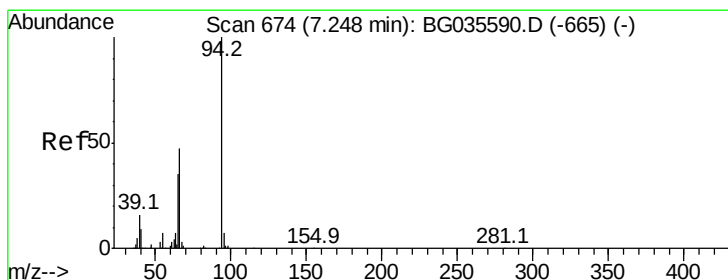
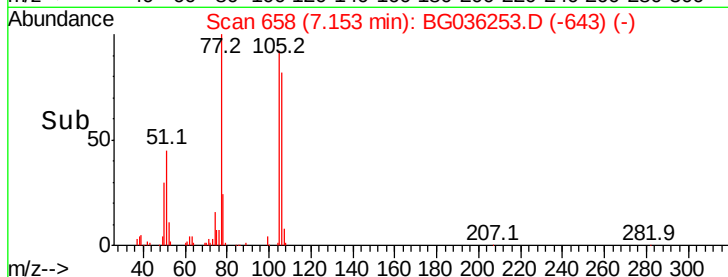
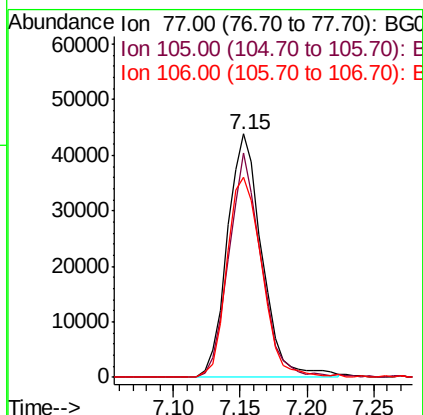
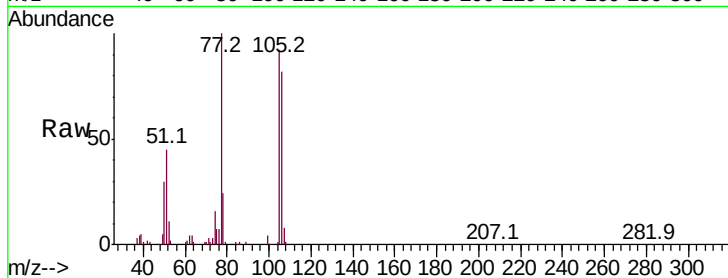
Tot Ion: 77 Resp: 79603

Ion Ratio Lower Upper

77 100

105 92.3 71.3 111.3

106 82.0 64.2 104.2



#10

Phenol

Concen: 37.771 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036253.D

Acq: 10 Aug 2018 4:46

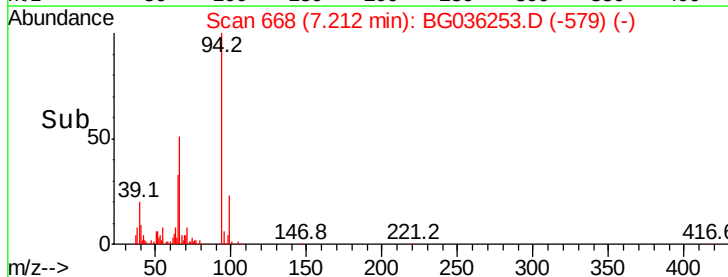
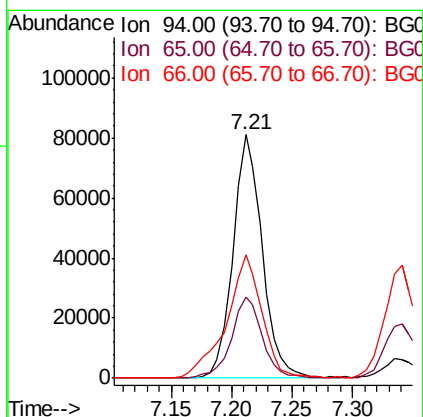
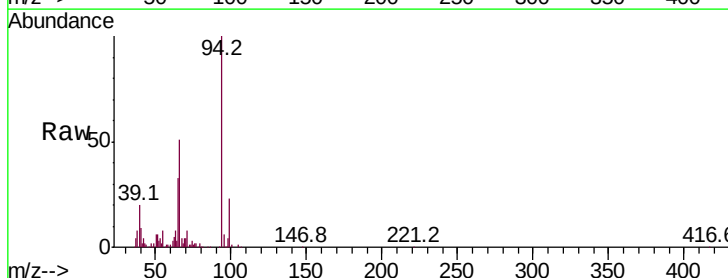
Tgt Ion: 94 Resp: 136762

Ion Ratio Lower Upper

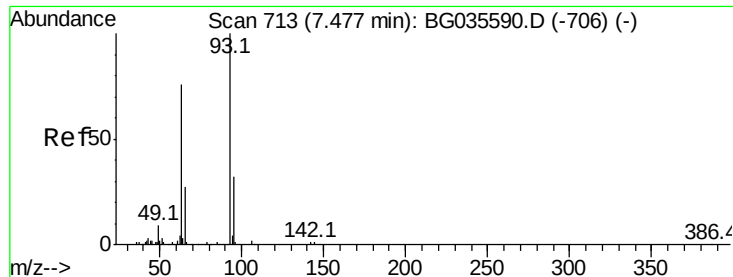
94 100

65 33.4 11.9 51.9

66 50.8 22.2 62.2







#11

bis(2-Chloroethyl)ether

Concen: 36.395 ng

RT: 7.43 min Scan# 705

Delta R.T. -0.02 min

Lab File: BG036253.D

Acq: 10 Aug 2018 4:46

Instrument :

BNA\_G

ClientSampled :

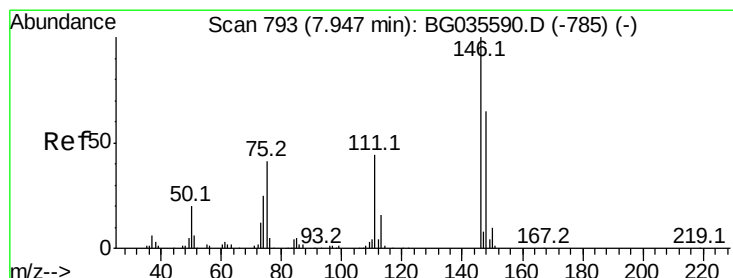
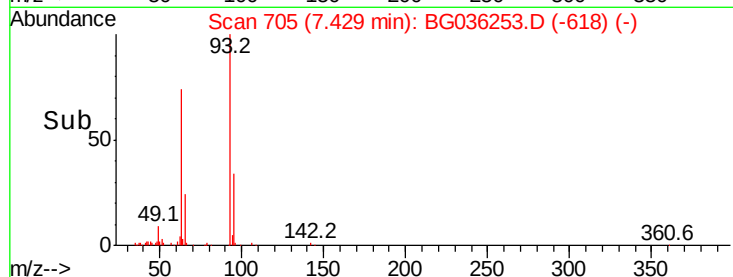
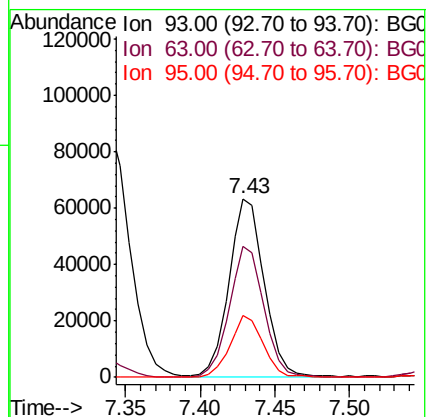
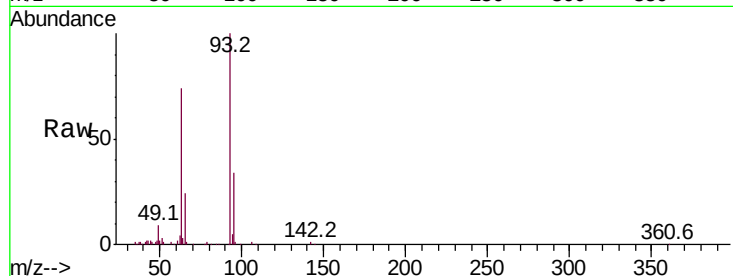
Tot Ion: 93 Resp: 103203

Ion Ratio Lower Upper

93 100

63 73.6 67.1 107.1

95 34.4 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 38.786 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.02 min

Lab File: BG036253.D

Acq: 10 Aug 2018 4:46

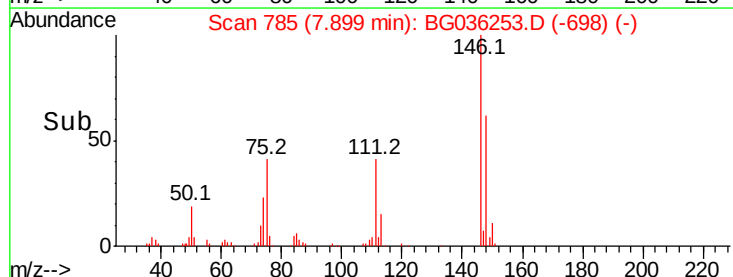
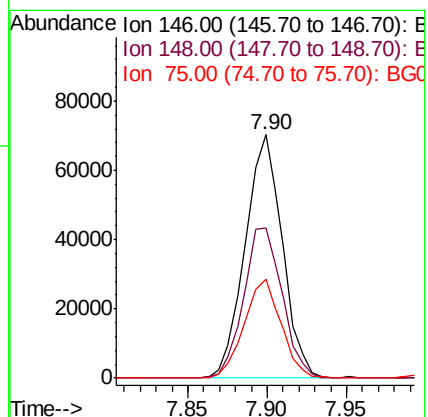
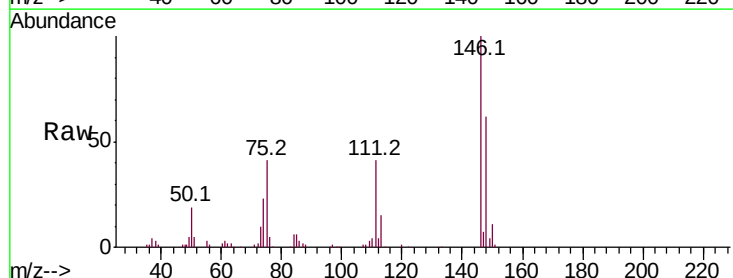
Tgt Ion: 146 Resp: 114429

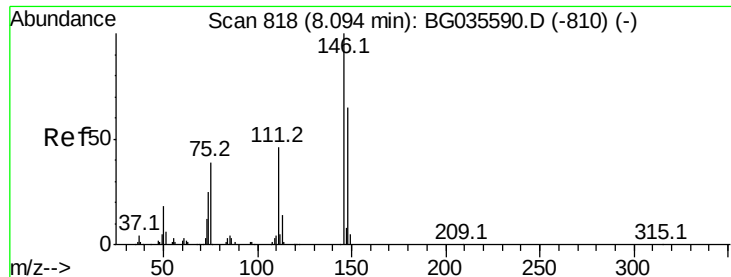
Ion Ratio Lower Upper

146 100

148 61.6 51.4 77.2

75 40.5 26.6 39.8#

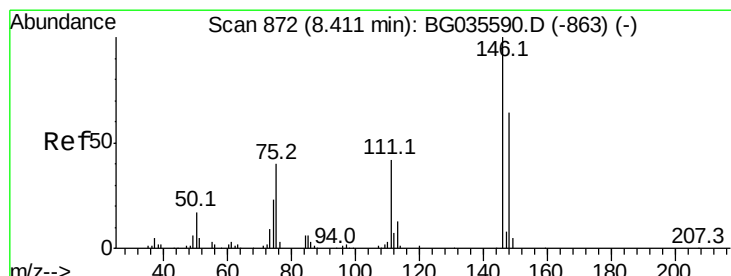
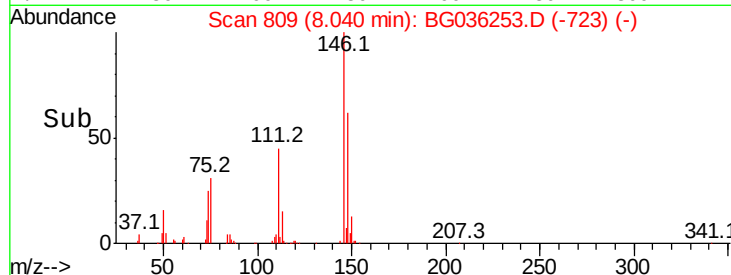
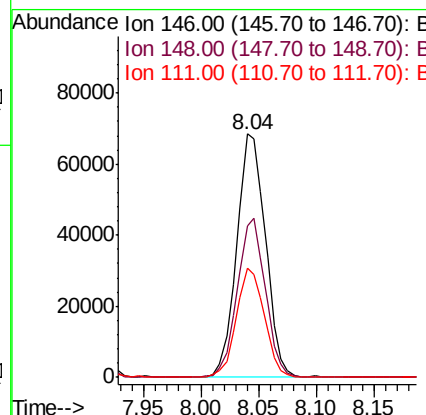
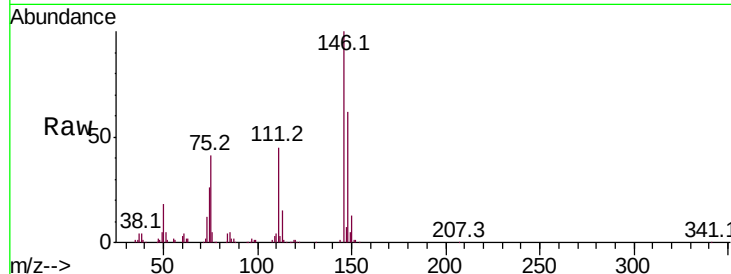




#13  
 1,4-Dichlorobenzene  
 Concen: 39.353 ng  
 RT: 8.04 min Scan# 809  
 Delta R.T. -0.03 min  
 Lab File: BG036253.D  
 Acq: 10 Aug 2018 4:46

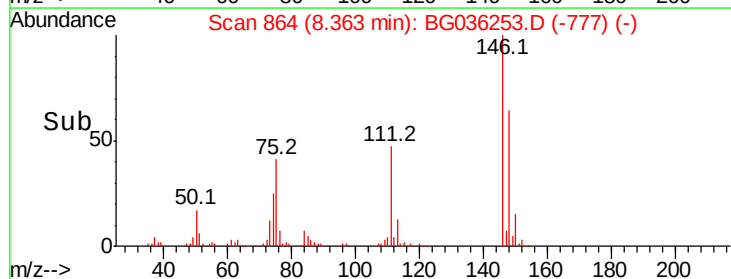
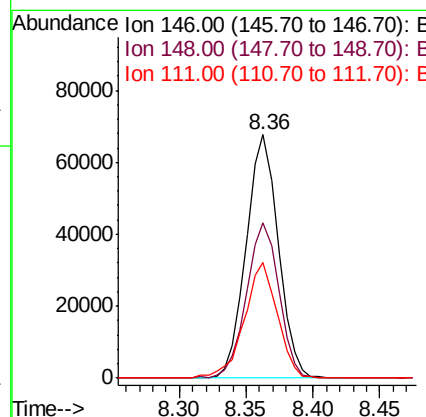
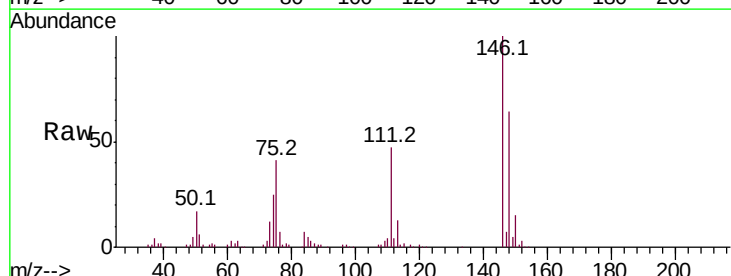
Instrument :  
 BNA\_G  
 ClientSampleId :

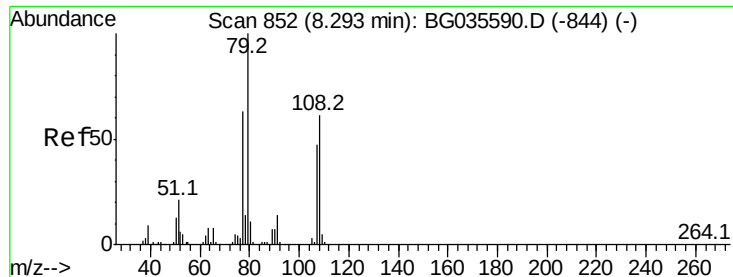
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.3  | 53.7  | 80.5  |
| 111     | 44.7  | 35.2  | 52.8  |



#14  
 1,2-Dichlorobenzene  
 Concen: 39.007 ng  
 RT: 8.36 min Scan# 864  
 Delta R.T. -0.02 min  
 Lab File: BG036253.D  
 Acq: 10 Aug 2018 4:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.9  | 49.3  | 73.9  |
| 111     | 47.5  | 34.3  | 51.5  |





#15

Benzyl Alcohol

Concen: 36.564 ng

RT: 8.25 min Scan# 845

Delta R.T. -0.01 min

Lab File: BG036253.D

Acq: 10 Aug 2018 4:46

Instrument :

BNA\_G

ClientSampleId :

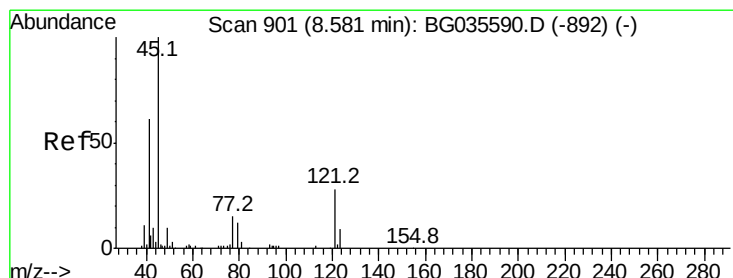
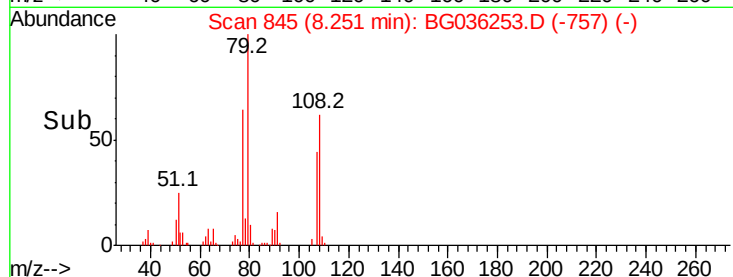
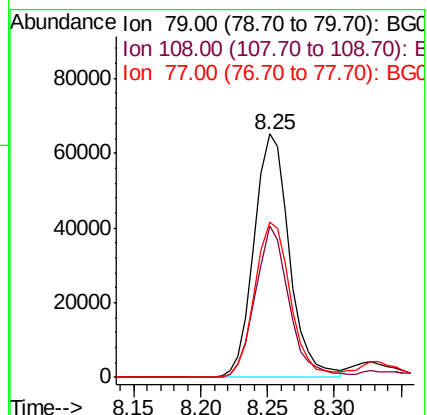
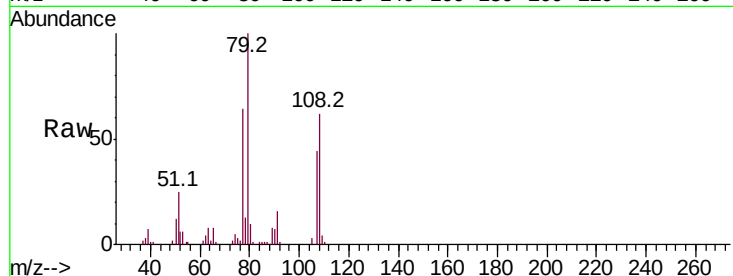
Tot Ion: 79 Resp: 118999

Ion Ratio Lower Upper

79 100

108 62.1 57.2 85.8

77 63.9 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.387 ng

RT: 8.53 min Scan# 892

Delta R.T. -0.03 min

Lab File: BG036253.D

Acq: 10 Aug 2018 4:46

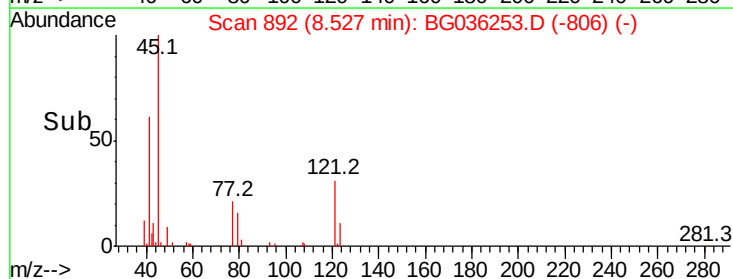
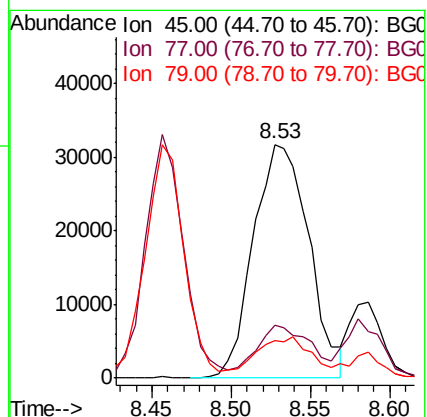
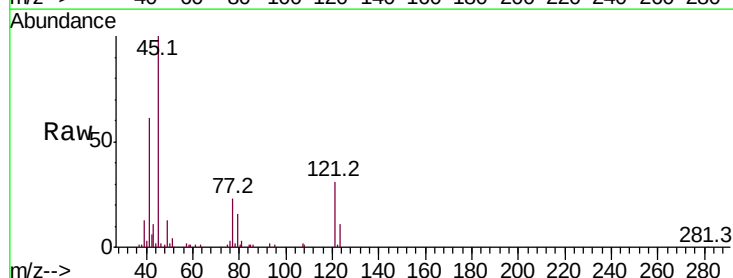
Tgt Ion: 45 Resp: 76995

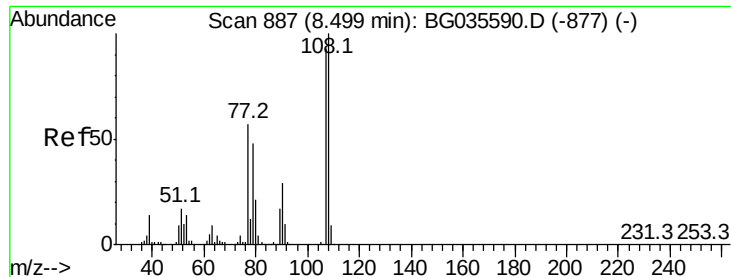
Ion Ratio Lower Upper

45 100

77 22.8 0.0 30.2

79 16.2 0.0 27.9





#17

2-Methylphenol

Concen: 37.974 ng

RT: 8.46 min Scan# 880

Delta R.T. -0.01 min

Lab File: BG036253.D

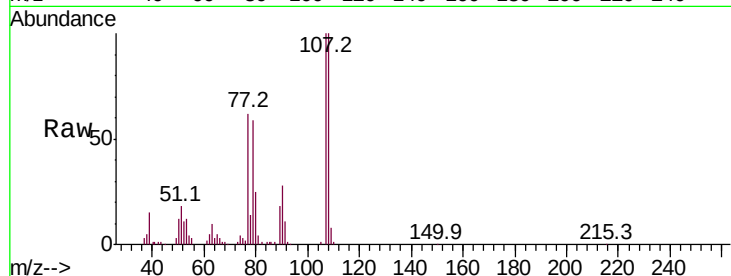
Acq: 10 Aug 2018 4:46

Instrument :

BNA\_G

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 107   | Resp: | 93484 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 99.7  | 83.9  | 125.9 |
| 77       | 62.0  | 37.2  | 55.8# |
| 79       | 59.2  | 36.2  | 54.2# |



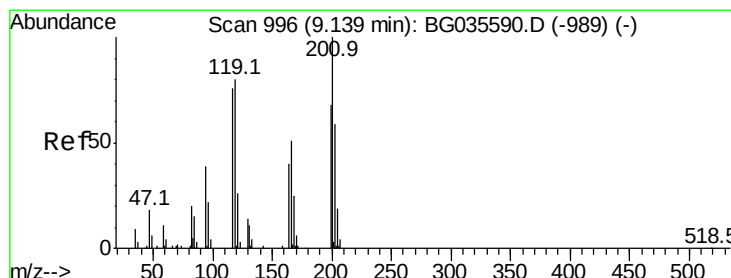
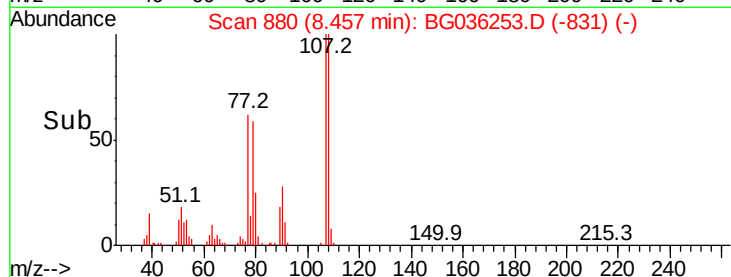
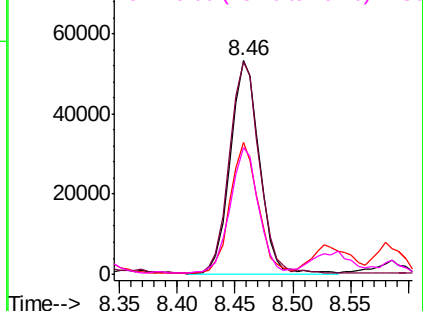
Abundance

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: 38.909 ng

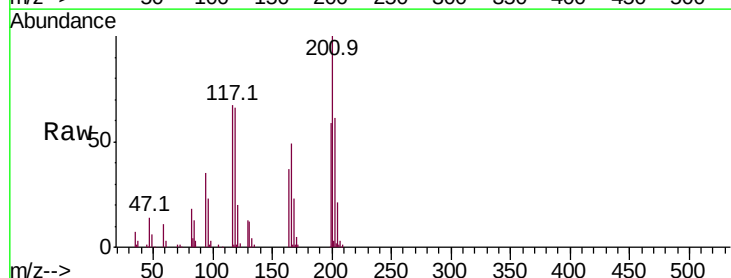
RT: 9.09 min Scan# 987

Delta R.T. -0.02 min

Lab File: BG036253.D

Acq: 10 Aug 2018 4:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 44595  |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 97.8  | 76.7  | 115.1  |
| 201      | 148.2 | 95.7  | 143.5# |

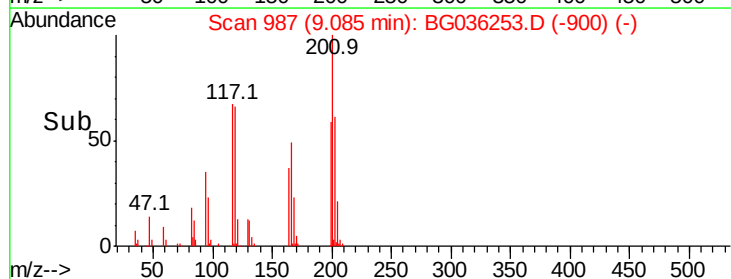
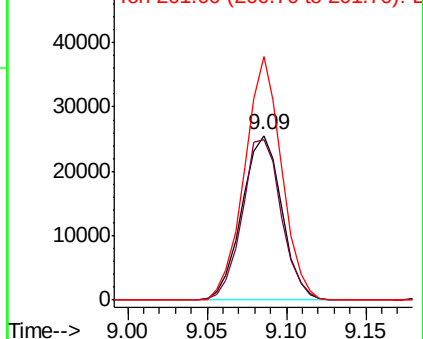


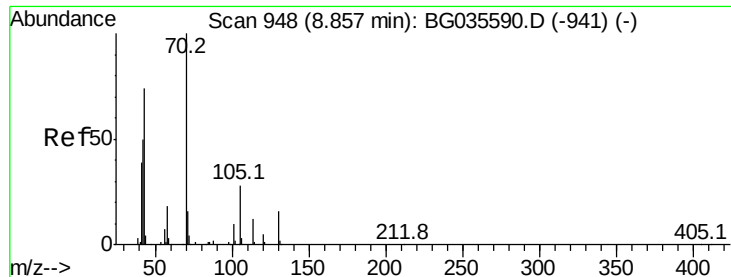
Abundance

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

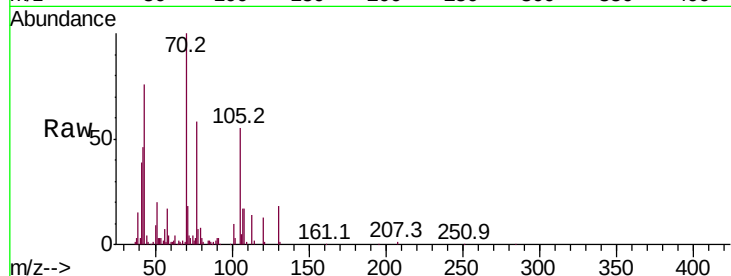




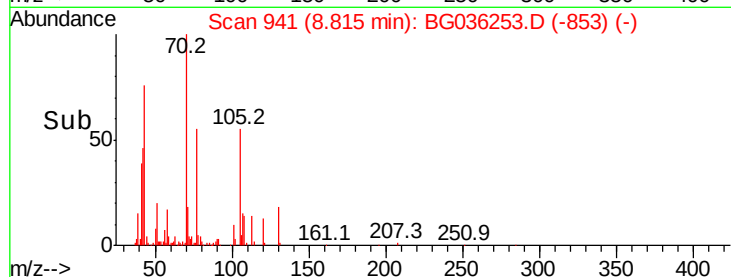
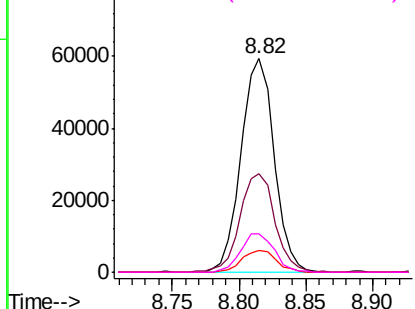
#19  
n-Nitroso-di-n-propylamine  
Concen: 33.693 ng  
RT: 8.82 min Scan# 941  
Delta R.T. -0.01 min  
Lab File: BG036253.D  
Acq: 10 Aug 2018 4:46

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion: 70 Resp: 101684  
Ion Ratio Lower Upper  
70 100  
42 45.9 49.1 73.7#  
101 10.1 8.5 12.7  
130 17.7 13.4 20.0

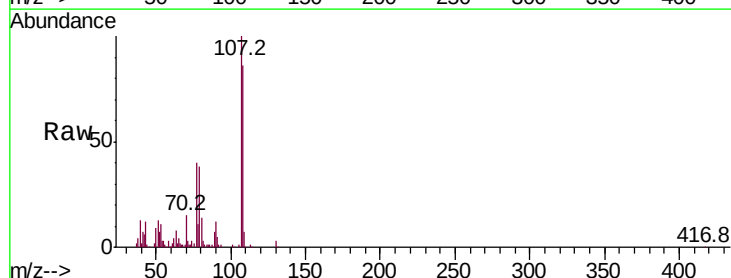
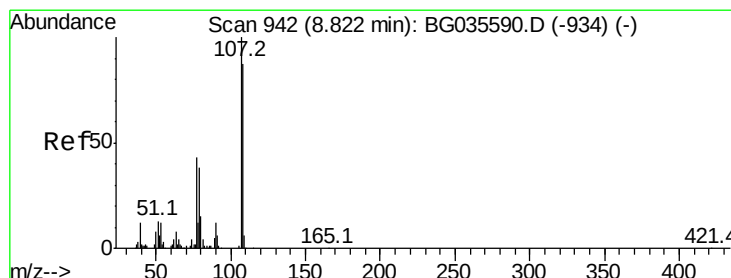


Abundance Ion 70.00 (69.70 to 70.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 101.00 (100.70 to 101.70): BGC  
Ion 130.00 (129.70 to 130.70): BGC

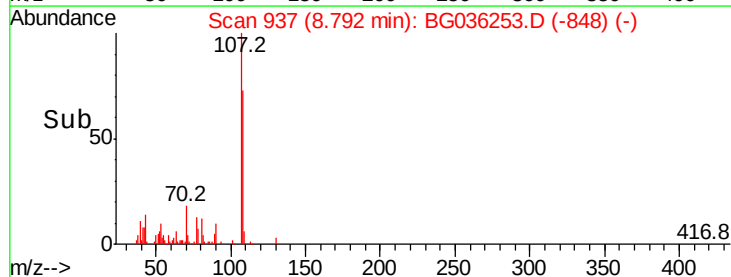
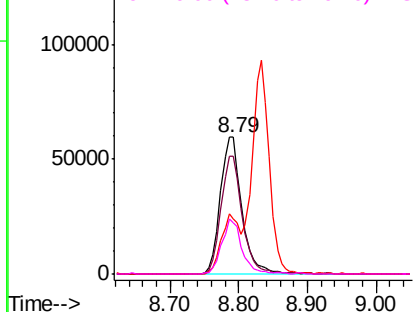


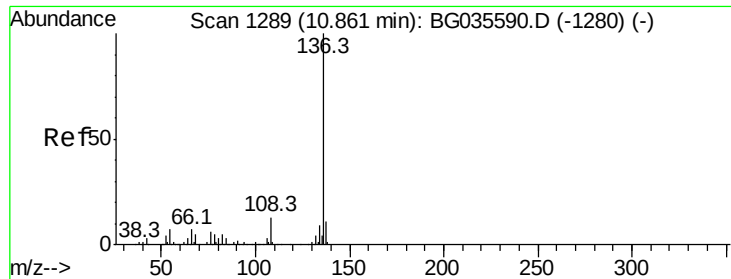
#20  
3+4-Methylphenols  
Concen: 37.774 ng  
RT: 8.79 min Scan# 937  
Delta R.T. -0.01 min  
Lab File: BG036253.D  
Acq: 10 Aug 2018 4:46

Tgt Ion: 107 Resp: 129005  
Ion Ratio Lower Upper  
107 100  
108 85.9 61.6 101.6  
77 40.1 13.9 53.9  
79 37.9 8.8 48.8



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1280

Delta R.T. -0.03 min

Lab File: BG036253.D

Acq: 10 Aug 2018 4:46

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:136 Resp: 158315

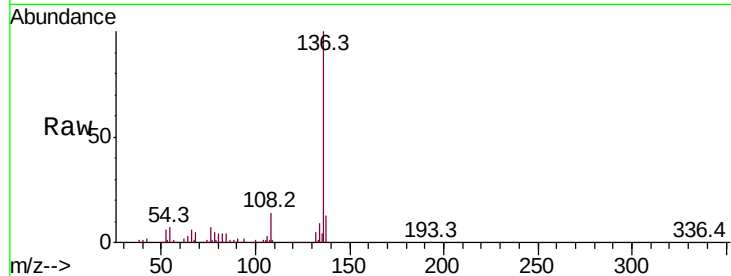
Ion Ratio Lower Upper

136 100

137 12.5 9.2 13.8

54 7.4 10.3 15.5#

68 4.7 4.5 6.7

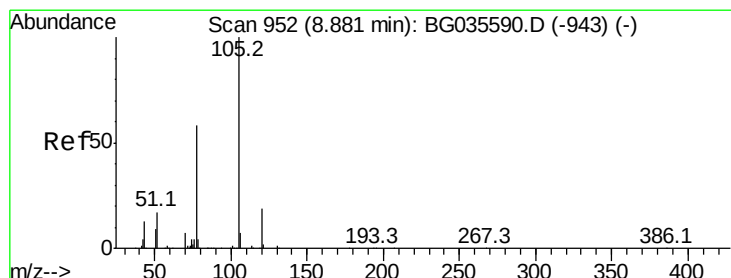
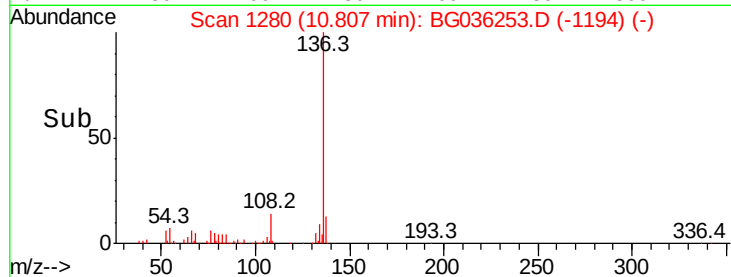
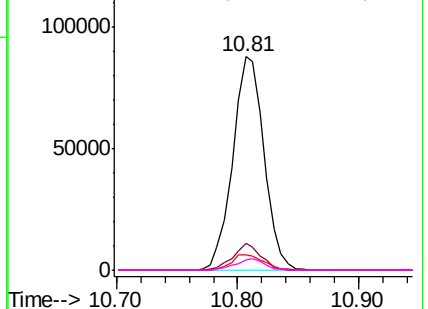


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 36.582 ng

RT: 8.83 min Scan# 944

Delta R.T. -0.01 min

Lab File: BG036253.D

Acq: 10 Aug 2018 4:46

Tgt Ion:105 Resp: 180098

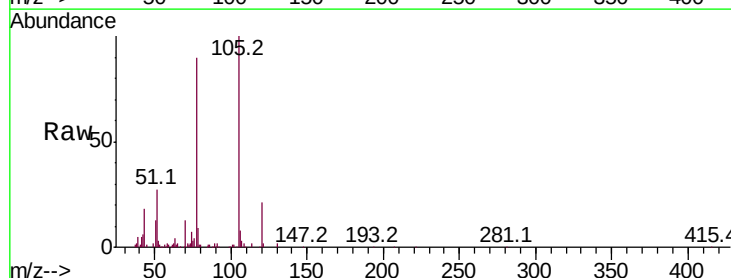
Ion Ratio Lower Upper

105 100

71 1.6 3.0 4.4#

51 26.9 26.1 39.1

120 21.4 17.4 26.2

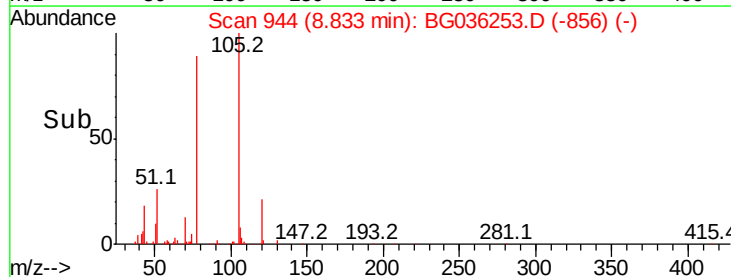
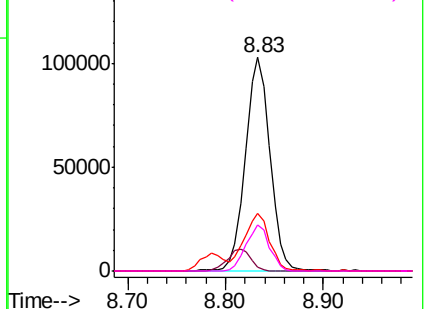


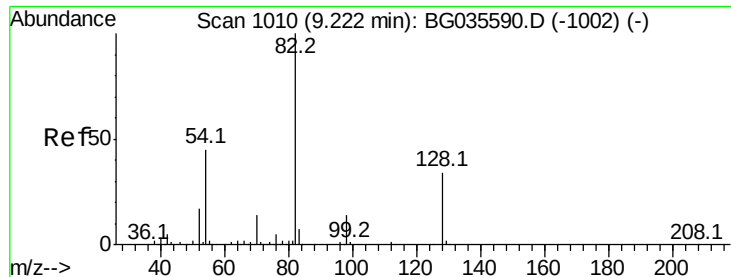
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

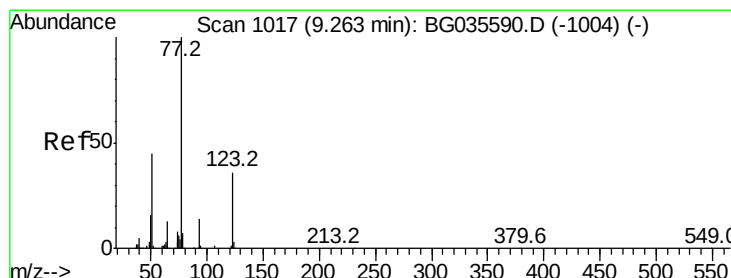
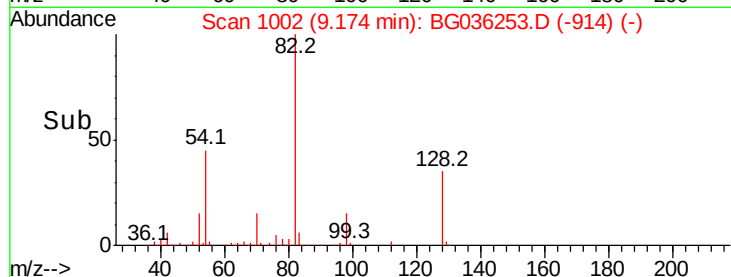
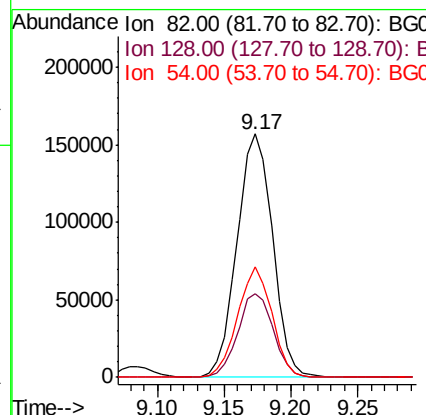
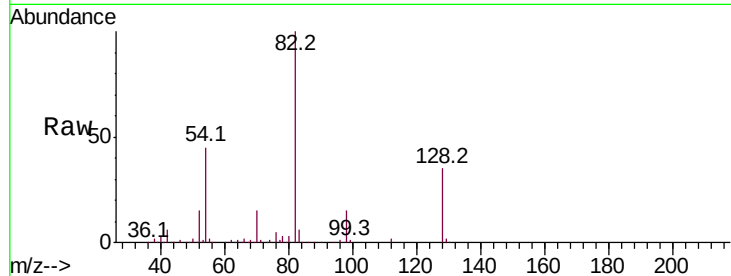




#23  
 Nitrobenzene-d5  
 Concen: 76.662 ng  
 RT: 9.17 min Scan# 1002  
 Delta R.T. -0.01 min  
 Lab File: BG036253.D  
 Acq: 10 Aug 2018 4:46

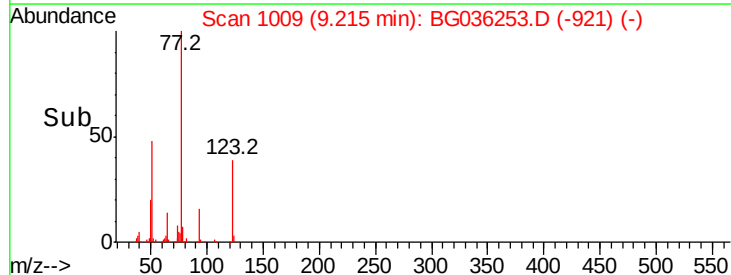
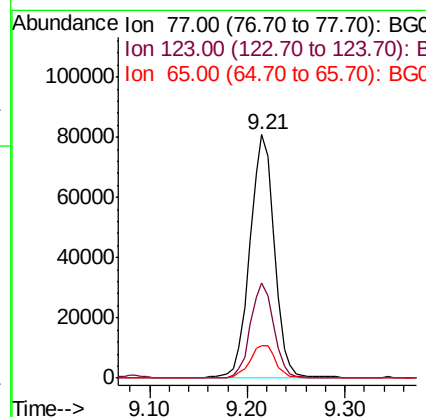
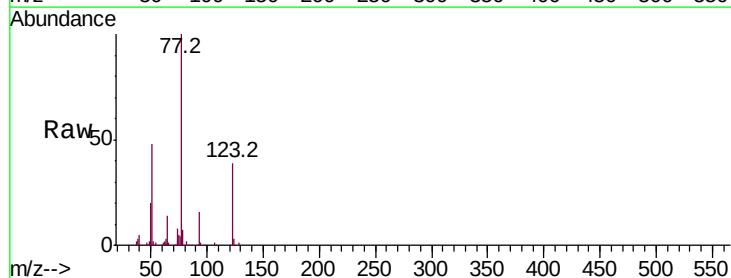
Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion   | 82   | Resp  | 290529 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 34.5 | 29.7  | 44.5   |
| 54        | 45.3 | 43.1  | 64.7   |

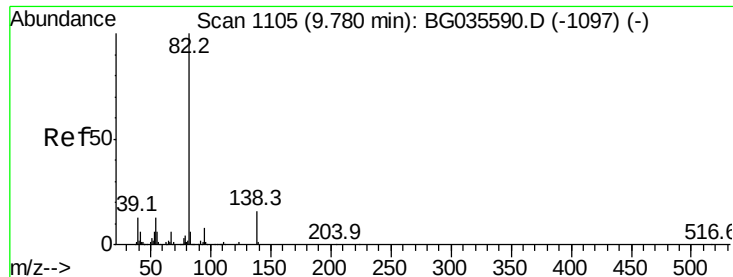


#24  
 Nitrobenzene  
 Concen: 37.440 ng  
 RT: 9.21 min Scan# 1009  
 Delta R.T. -0.01 min  
 Lab File: BG036253.D  
 Acq: 10 Aug 2018 4:46

| Tgt Ion   | 77   | Resp  | 142693 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 123       | 39.0 | 33.0  | 49.6   |
| 65        | 13.6 | 13.0  | 19.6   |







#25

Isophorone

Concen: 35.827 ng

RT: 9.74 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BG036253.D

Acq: 10 Aug 2018 4:46

Instrument :

BNA\_G

ClientSampleId :

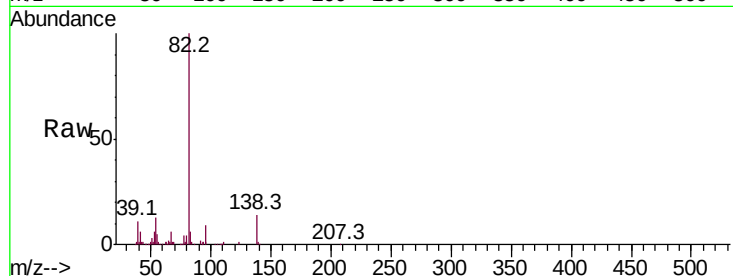
Tot Ion: 82 Resp: 252041

Ion Ratio Lower Upper

82 100

95 9.0 6.2 9.2

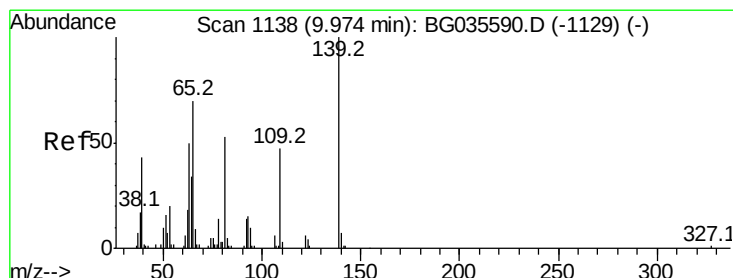
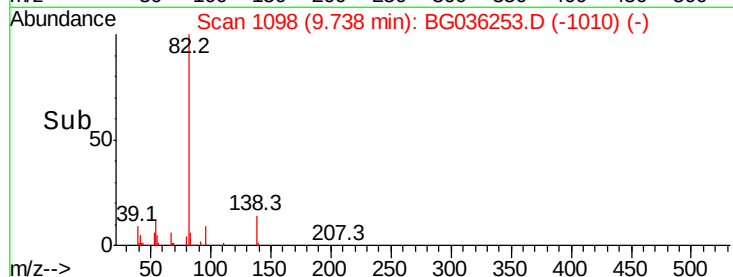
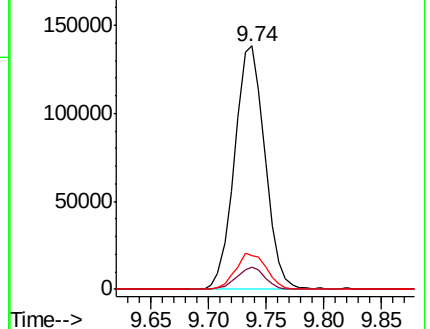
138 14.1 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BG035590.D (-1097) (-)

Ion 95.00 (94.70 to 95.70): BG035590.D (-1097) (-)

Ion 138.00 (137.70 to 138.70): BG035590.D (-1097) (-)



#26

2-Nitrophenol

Concen: 44.970 ng

RT: 9.93 min Scan# 1130

Delta R.T. -0.02 min

Lab File: BG036253.D

Acq: 10 Aug 2018 4:46

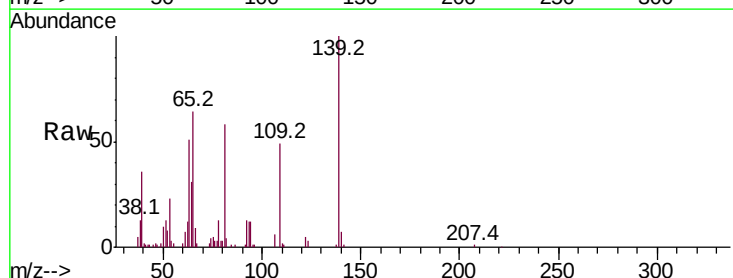
Tgt Ion: 139 Resp: 60871

Ion Ratio Lower Upper

139 100

109 48.8 24.2 36.2#

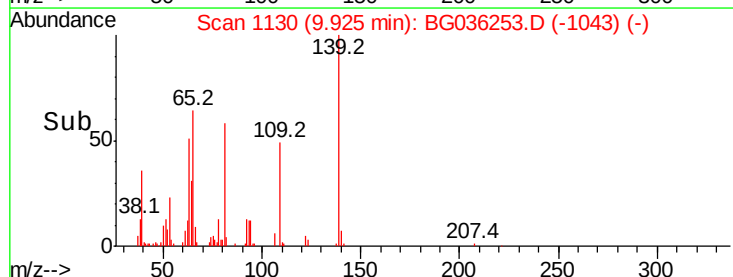
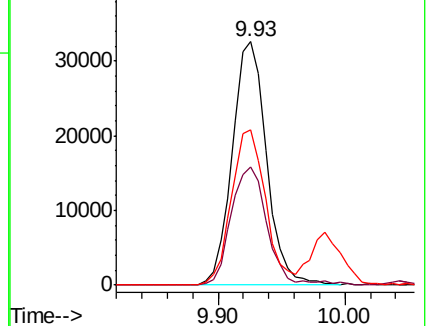
65 63.6 47.4 71.0

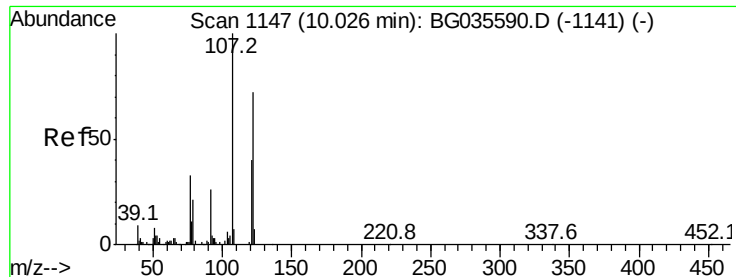


Abundance Ion 139.00 (138.70 to 139.70): BG035590.D (-1129) (-)

Ion 109.00 (108.70 to 109.70): BG035590.D (-1129) (-)

Ion 65.00 (64.70 to 65.70): BG035590.D (-1129) (-)

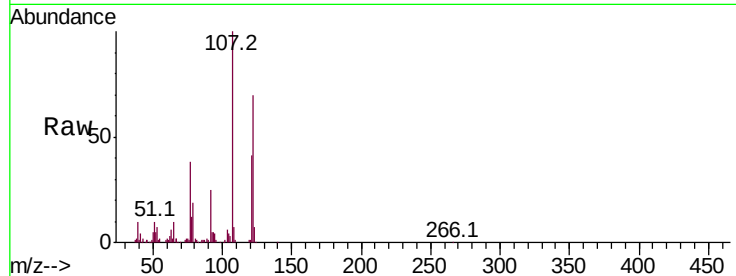




#27  
 2,4-Dimethylphenol  
 Concen: 38.896 ng  
 RT: 9.98 min Scan# 1140  
 Delta R.T. -0.01 min  
 Lab File: BG036253.D  
 Acq: 10 Aug 2018 4:46

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 143.7 | 100.2 | 150.2 |
| 121     | 59.3  | 44.4  | 66.6  |

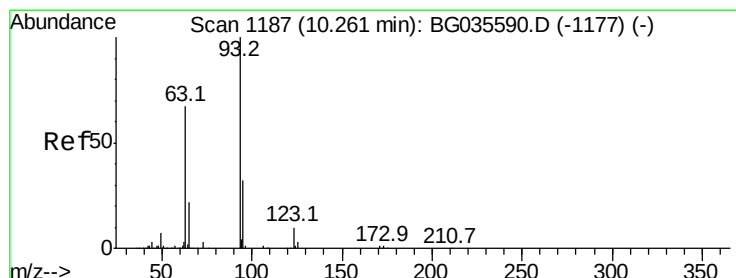
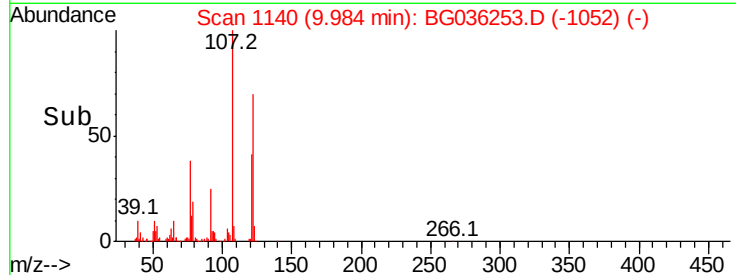
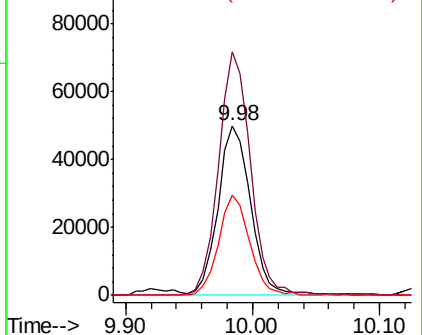


Abundance

Ion 122.00 (121.70 to 122.70): E

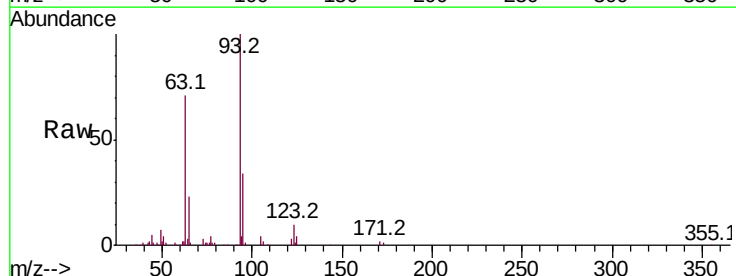
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 36.038 ng  
 RT: 10.21 min Scan# 1179  
 Delta R.T. -0.02 min  
 Lab File: BG036253.D  
 Acq: 10 Aug 2018 4:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.7  | 24.3  | 36.5  |
| 123     | 10.1  | 8.4   | 12.6  |

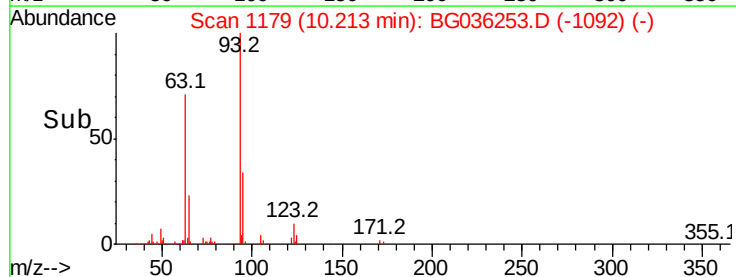
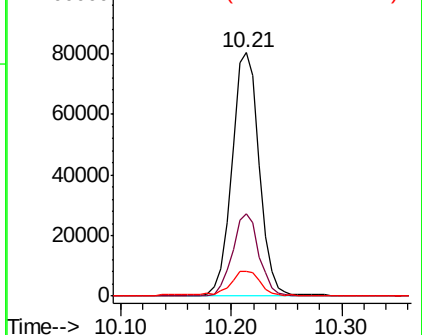


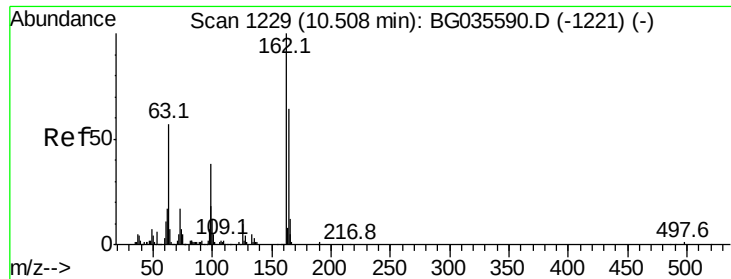
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

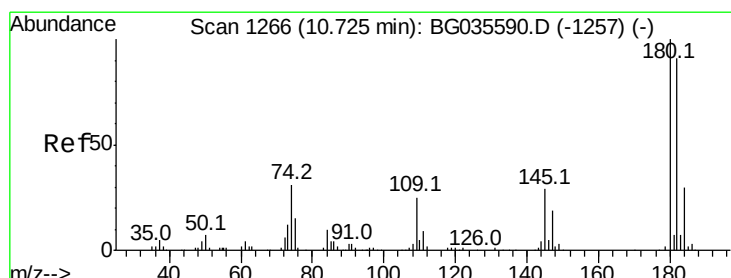
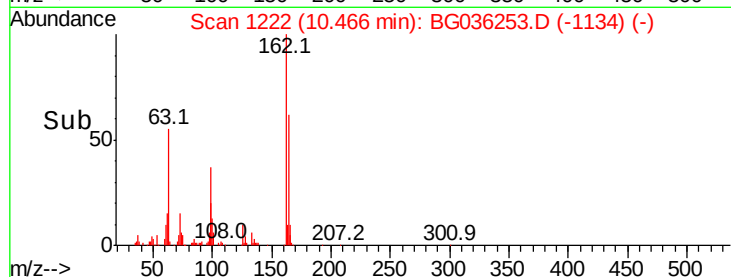
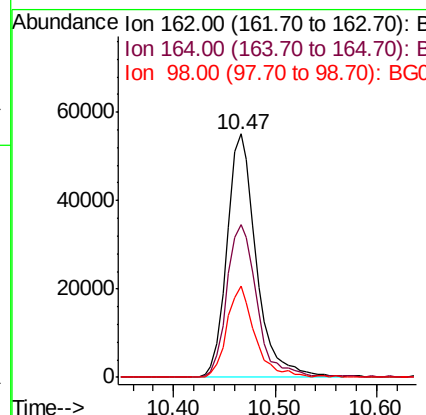
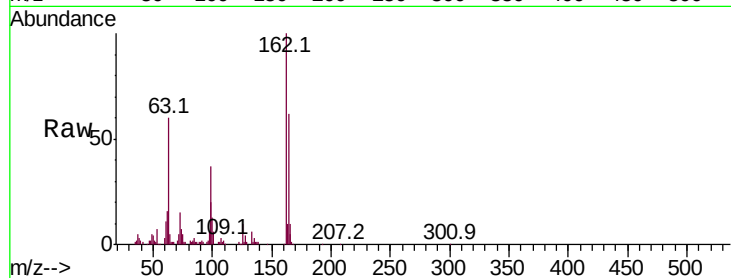




#29  
2,4-Dichlorophenol  
Concen: 42.142 ng  
RT: 10.47 min Scan# 1222  
Delta R.T. -0.01 min  
Lab File: BG036253.D  
Acq: 10 Aug 2018 4:46

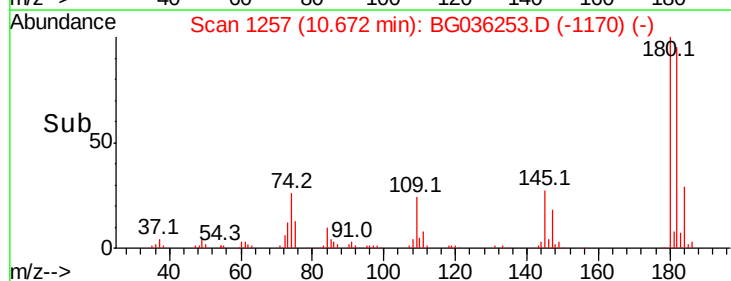
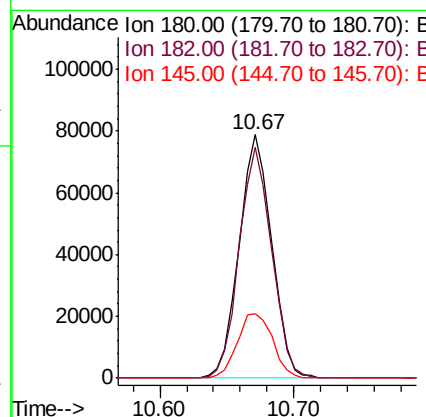
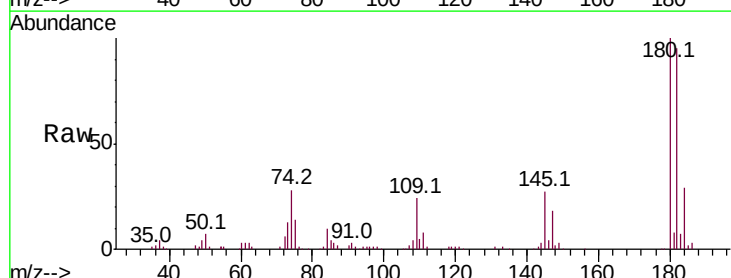
Instrument :  
BNA\_G  
ClientSampleId :

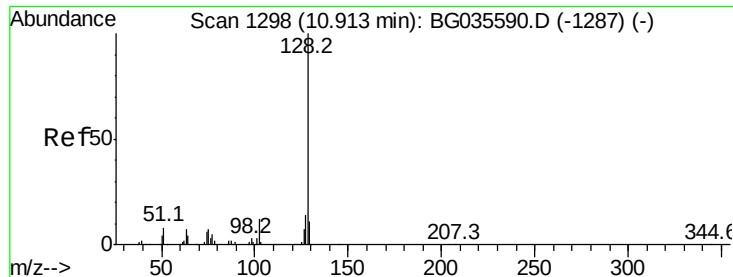
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 62.5  | 48.0  | 88.0  |
| 98      | 37.4  | 21.1  | 61.1  |



#30  
1,2,4-Trichlorobenzene  
Concen: 41.506 ng  
RT: 10.67 min Scan# 1257  
Delta R.T. -0.02 min  
Lab File: BG036253.D  
Acq: 10 Aug 2018 4:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.0  | 77.5  | 116.3 |
| 145     | 26.6  | 23.4  | 35.2  |

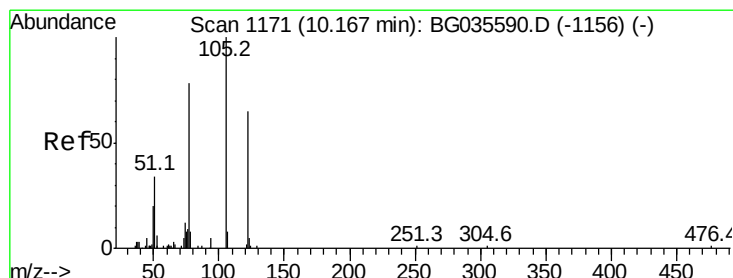
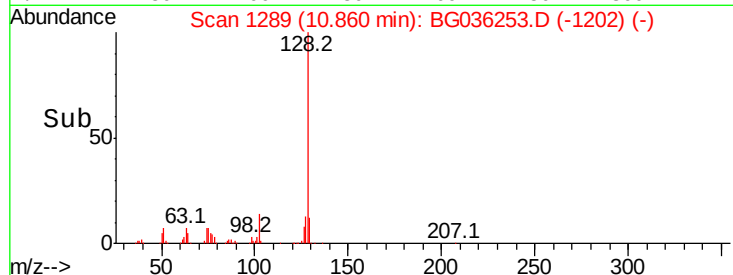
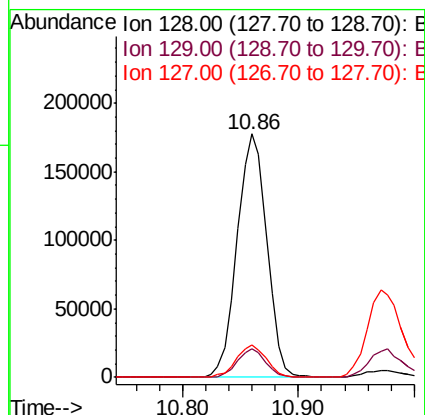
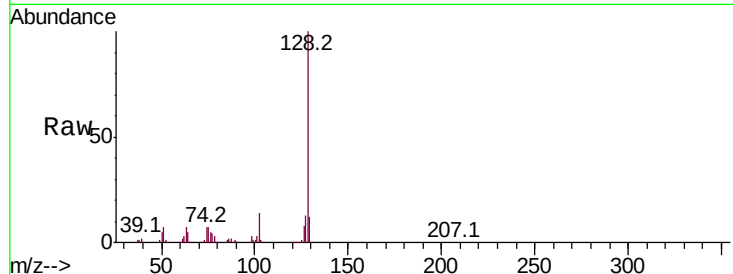




#31  
Naphthalene  
Concen: 38.275 ng  
RT: 10.86 min Scan# 1289  
Delta R.T. -0.02 min  
Lab File: BG036253.D  
Acq: 10 Aug 2018 4:46

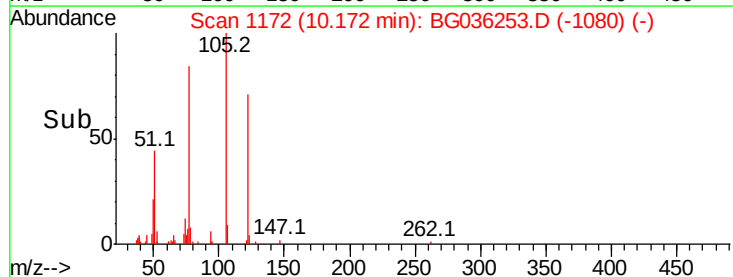
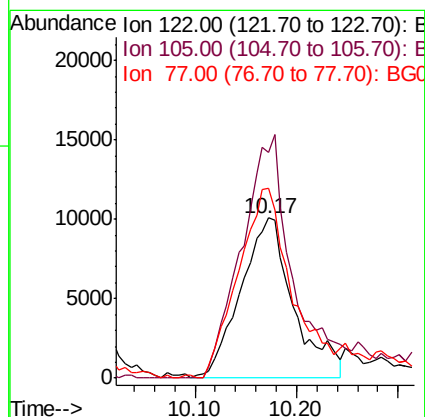
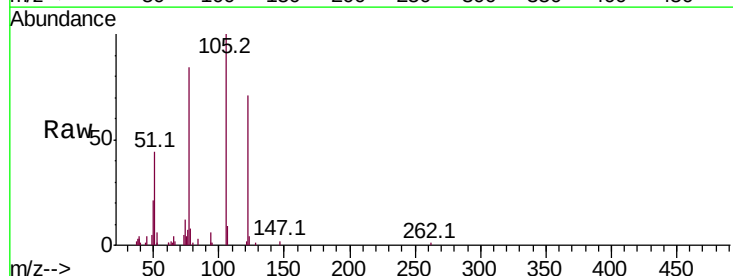
Instrument :  
BNA\_G  
ClientSampleId :

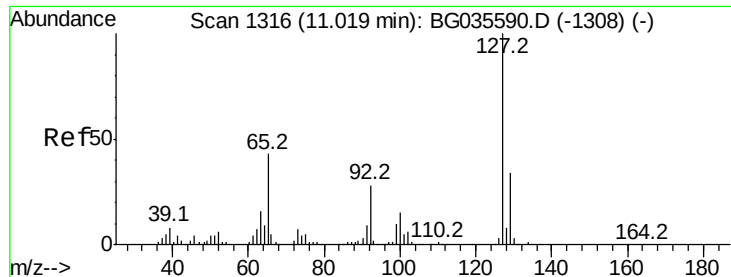
|             |       |           |
|-------------|-------|-----------|
| Tot Ion:128 | Resp: | 315647    |
| Ion Ratio   | Lower | Upper     |
| 128         | 100   |           |
| 129         | 11.6  | 8.6 12.8  |
| 127         | 13.5  | 11.6 17.4 |



#32  
Benzoic acid  
Concen: 23.695 ng  
RT: 10.17 min Scan# 1172  
Delta R.T. 0.01 min  
Lab File: BG036253.D  
Acq: 10 Aug 2018 4:46

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:122 | Resp: | 36548       |
| Ion Ratio   | Lower | Upper       |
| 122         | 100   |             |
| 105         | 141.2 | 123.5 163.5 |
| 77          | 118.7 | 85.7 125.7  |

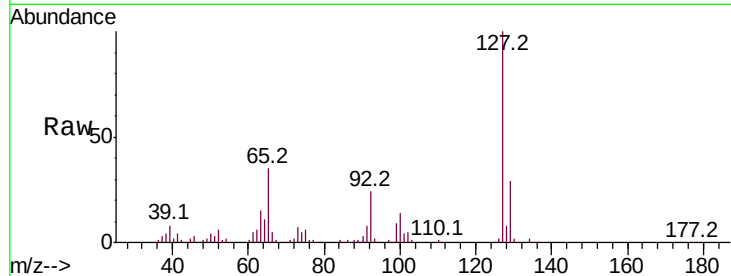




#33  
4-Chloroaniline  
Concen: 38.072 ng  
RT: 10.97 min Scan# 1308  
Delta R.T. -0.02 min  
Lab File: BG036253.D  
Acq: 10 Aug 2018 4:46

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 29.4  | 24.0  | 36.0  |
| 65      | 35.2  | 27.0  | 40.4  |
| 92      | 24.2  | 16.6  | 25.0  |



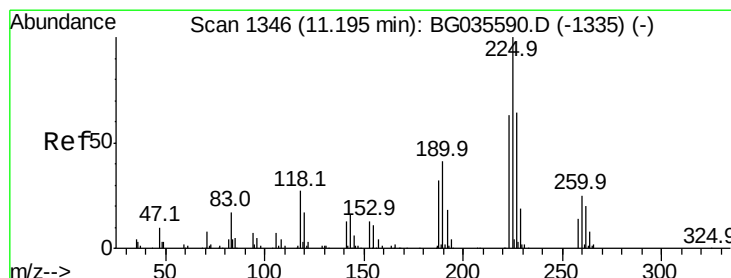
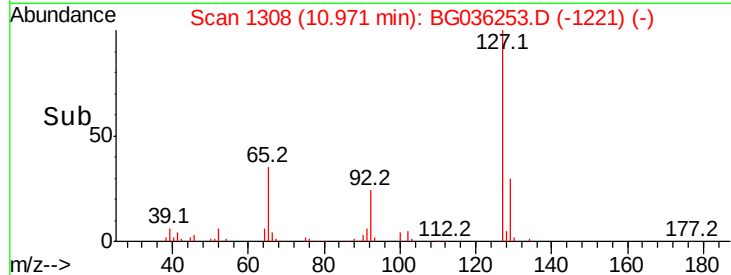
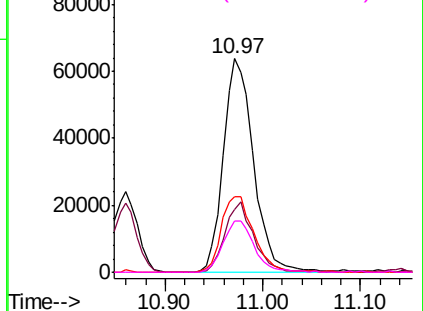
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

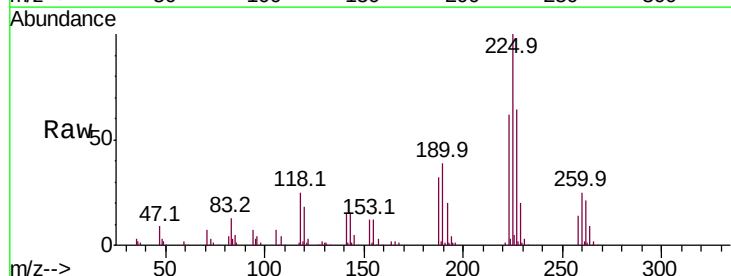
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34  
Hexachlorobutadiene  
Concen: 44.644 ng  
RT: 11.14 min Scan# 1337  
Delta R.T. -0.02 min  
Lab File: BG036253.D  
Acq: 10 Aug 2018 4:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.9  | 49.7  | 74.5  |
| 227     | 63.9  | 48.1  | 72.1  |

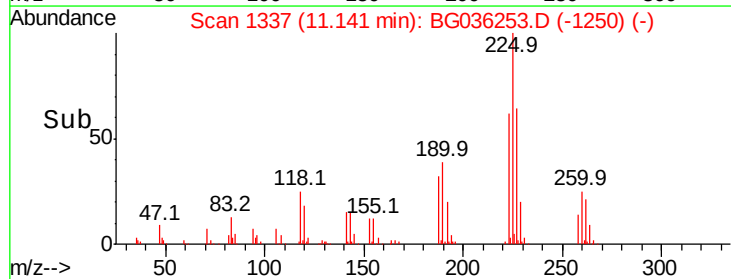
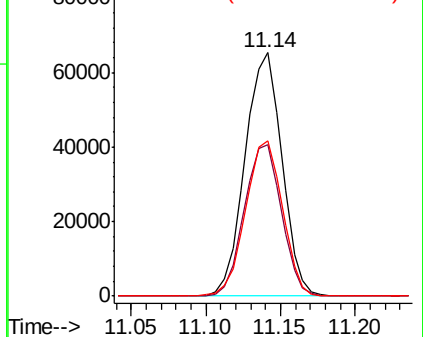


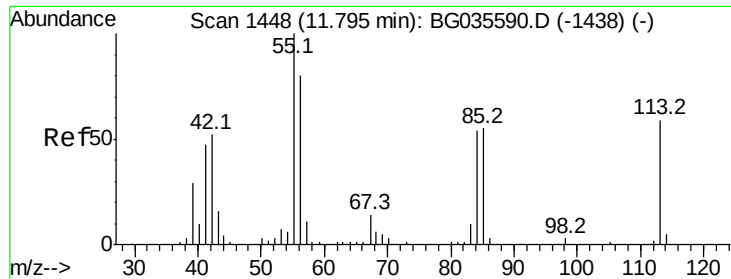
Abundance

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

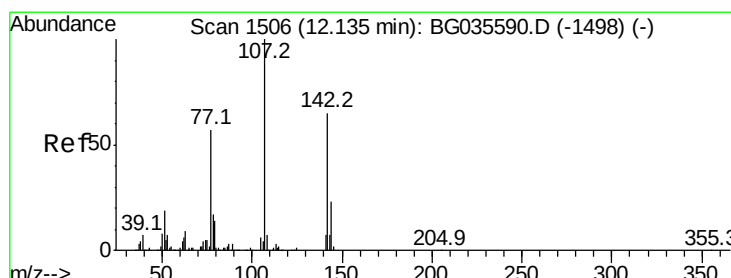
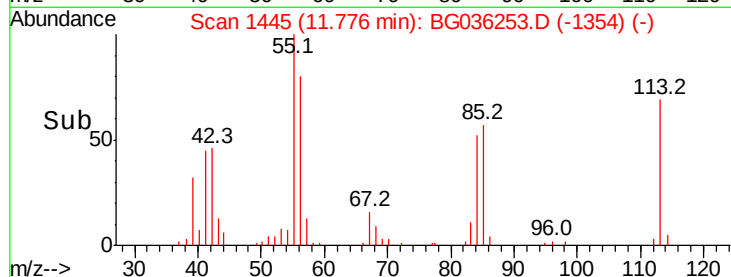
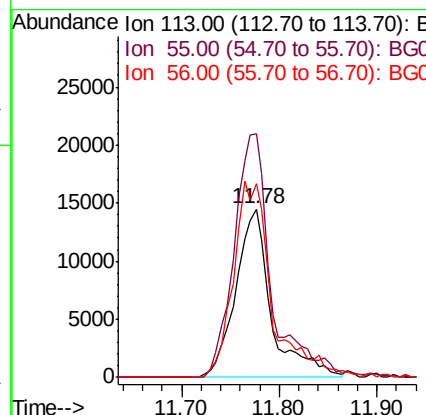
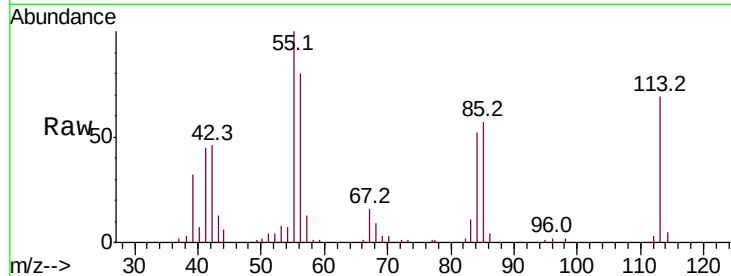




#35  
 Caprolactam  
 Concen: 32.617 ng  
 RT: 11.78 min Scan# 1445  
 Delta R.T. 0.00 min  
 Lab File: BG036253.D  
 Acq: 10 Aug 2018 4:46

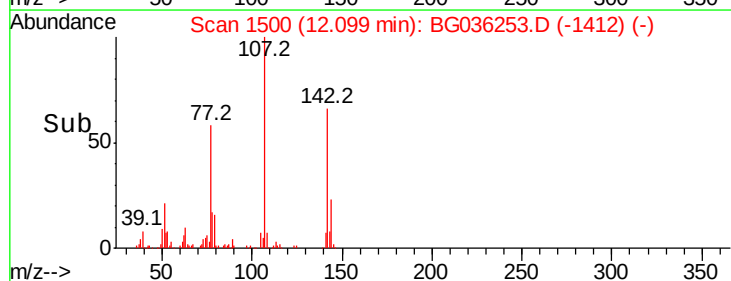
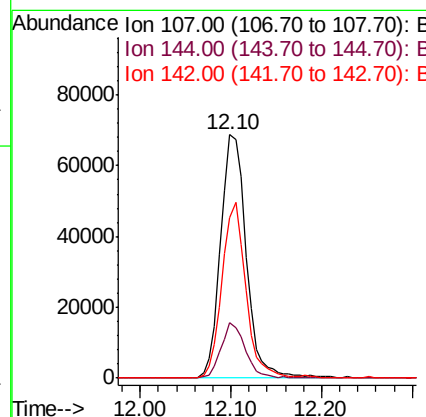
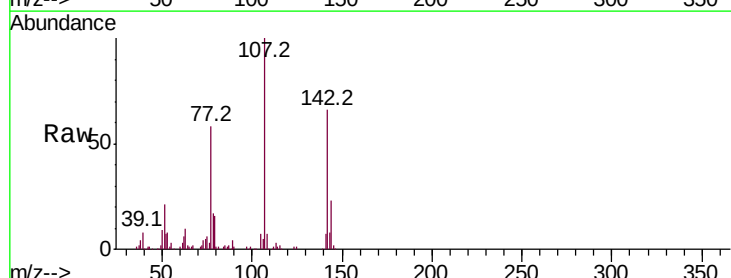
Instrument :  
 BNA\_G  
 ClientSampleId :

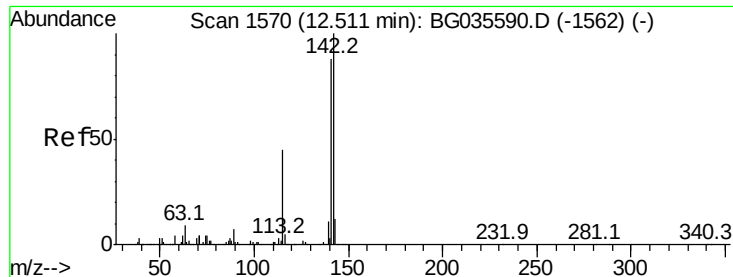
Tot Ion:113 Resp: 36610  
 Ion Ratio Lower Upper  
 113 100  
 55 144.8 186.9 226.9#  
 56 115.1 130.9 170.9#



#36  
 4-Chloro-3-methylphenol  
 Concen: 38.590 ng  
 RT: 12.10 min Scan# 1500  
 Delta R.T. -0.01 min  
 Lab File: BG036253.D  
 Acq: 10 Aug 2018 4:46

Tgt Ion:107 Resp: 135291  
 Ion Ratio Lower Upper  
 107 100  
 144 22.6 18.2 27.4  
 142 66.1 59.0 88.4





#37

2-Methylnaphthalene

Concen: 38.858 ng

RT: 12.46 min Scan# 1562

Delta R.T. -0.02 min

Lab File: BG036253.D

Acq: 10 Aug 2018 4:46

Instrument :

BNA\_G

ClientSampleId :

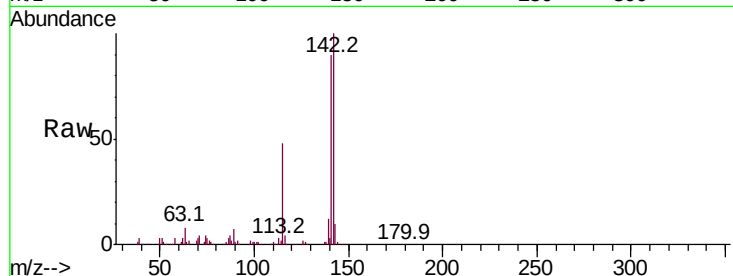
Tot Ion:142 Resp: 238742

Ion Ratio Lower Upper

142 100

141 90.0 67.1 100.7

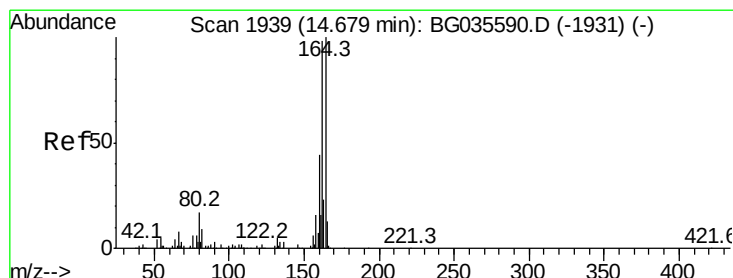
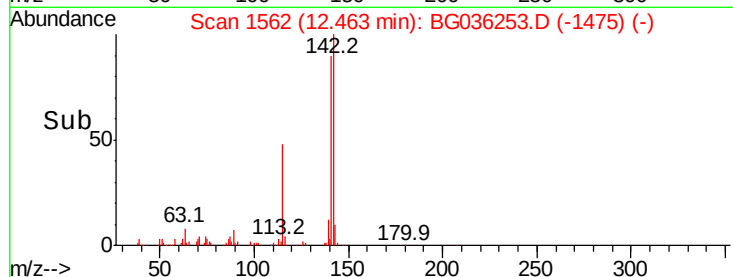
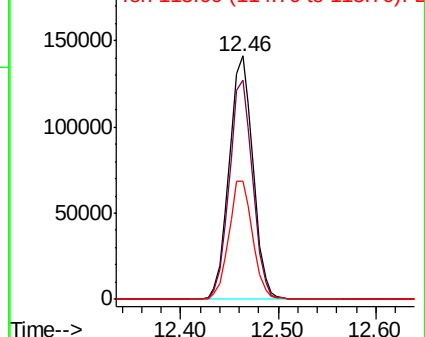
115 48.3 30.7 46.1#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG036253.D

Acq: 10 Aug 2018 4:46

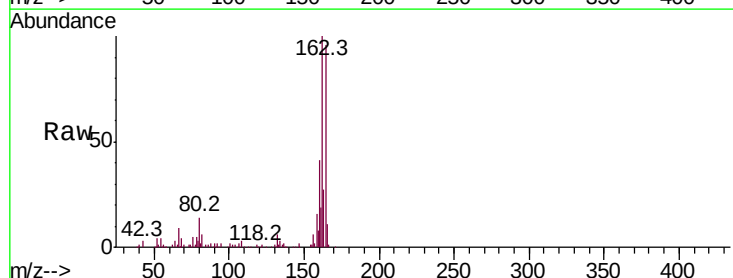
Tgt Ion:164 Resp: 111502

Ion Ratio Lower Upper

164 100

162 103.8 78.8 118.2

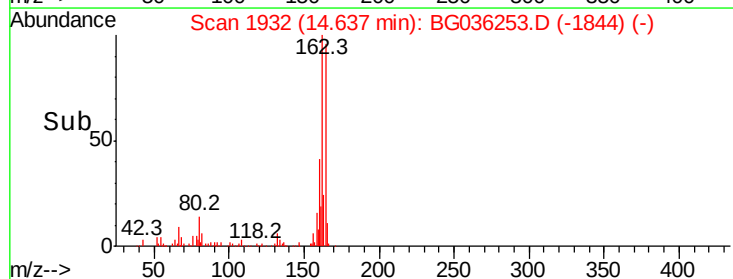
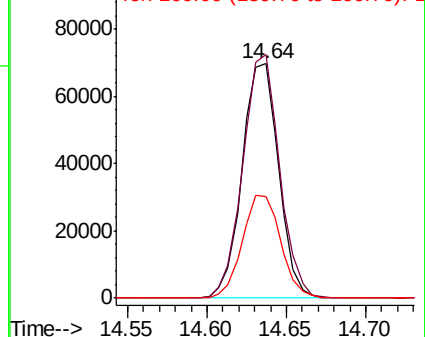
160 43.0 35.4 53.0

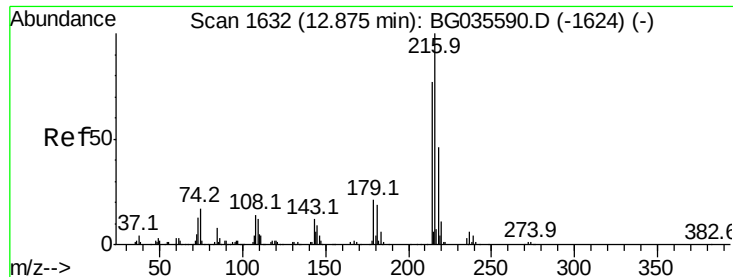


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

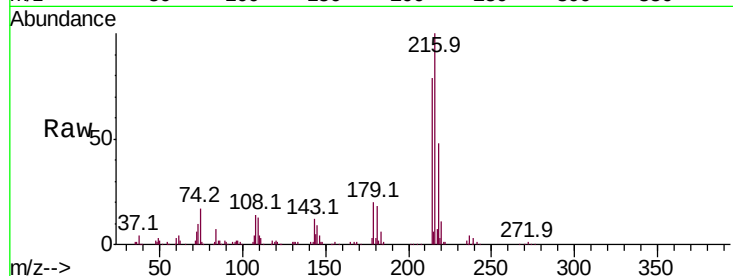




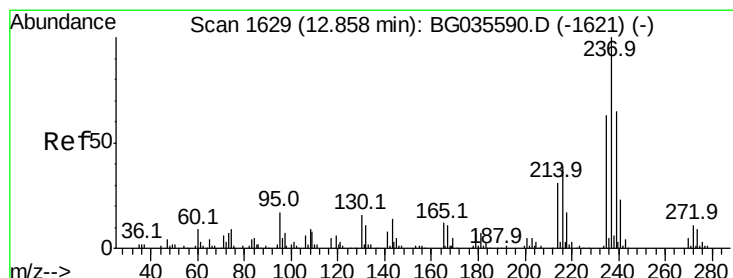
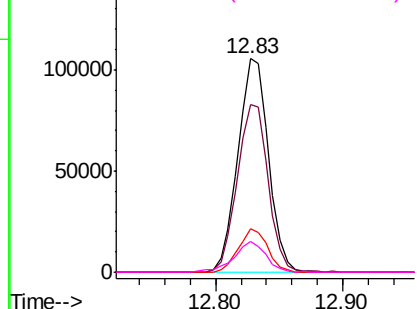
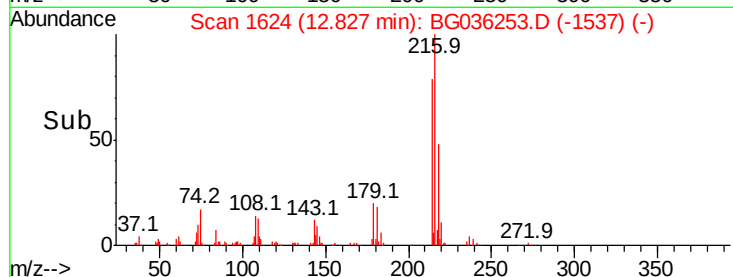
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 41.756 ng  
 RT: 12.83 min Scan# 1624  
 Delta R.T. -0.02 min  
 Lab File: BG036253.D  
 Acq: 10 Aug 2018 4:46

Instrument :  
 BNA\_G  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 216   | Resp: | 175728 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 79.3  | 63.0  | 94.4   |
| 179      | 19.3  | 17.0  | 25.6   |
| 108      | 14.9  | 12.8  | 19.2   |

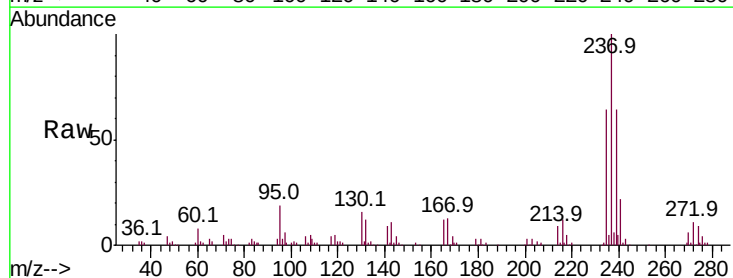


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

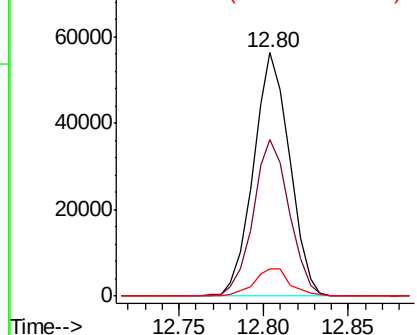
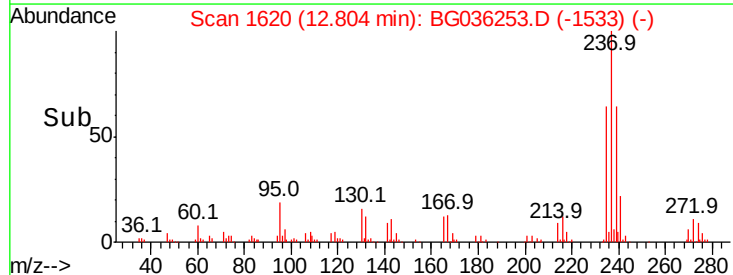


#40  
 Hexachlorocyclopentadiene  
 Concen: 37.803 ng  
 RT: 12.80 min Scan# 1620  
 Delta R.T. -0.02 min  
 Lab File: BG036253.D  
 Acq: 10 Aug 2018 4:46

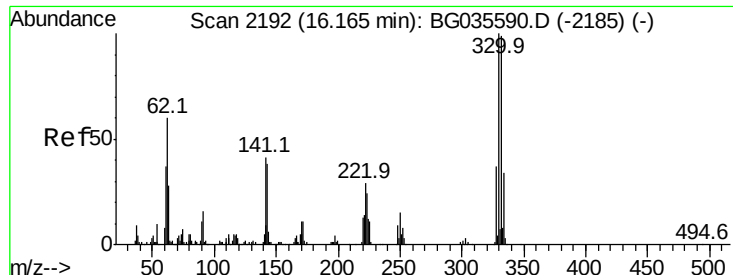
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 83436 |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 64.2  | 50.4  | 90.4  |
| 272      | 11.1  | 0.0   | 31.8  |



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



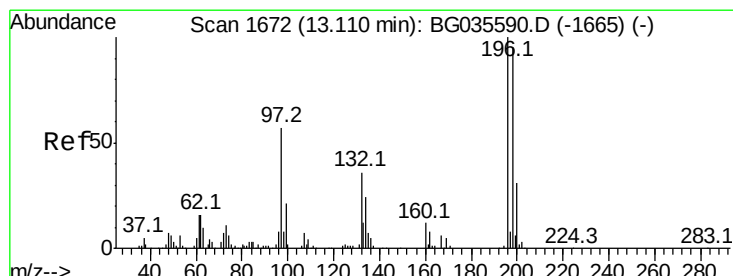
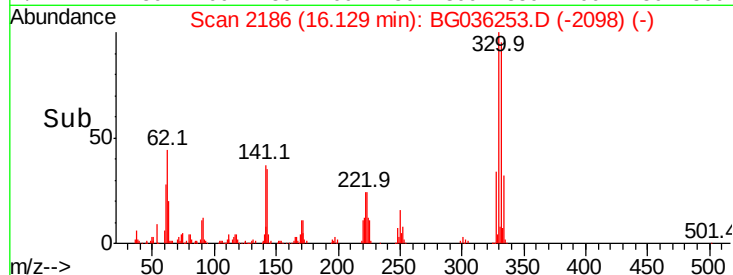
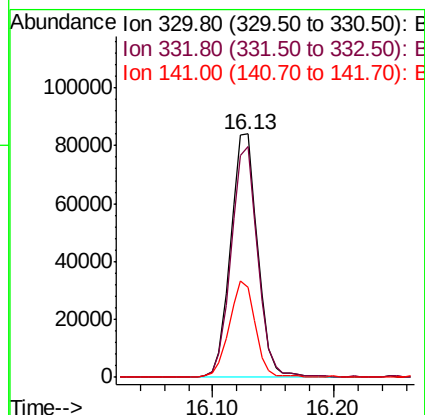
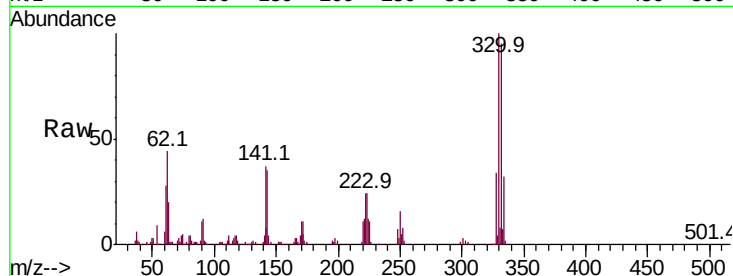




#41  
 2,4,6-Tribromophenol  
 Concen: 89.051 ng  
 RT: 16.13 min Scan# 2186  
 Delta R.T. -0.01 min  
 Lab File: BG036253.D  
 Acq: 10 Aug 2018 4:46

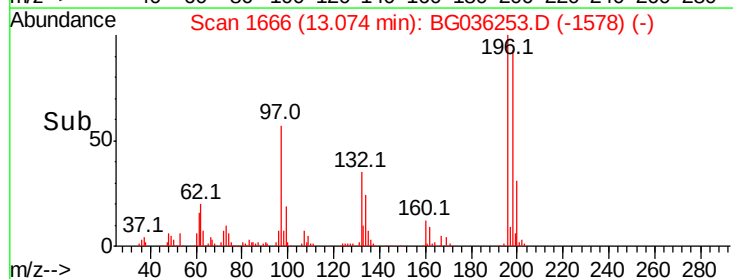
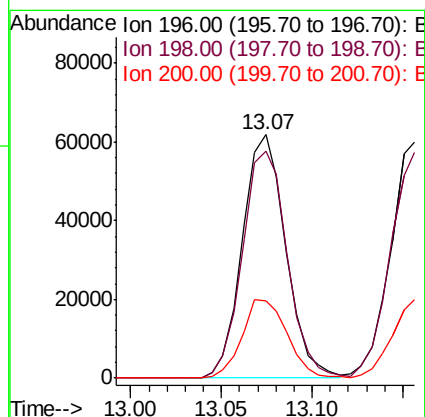
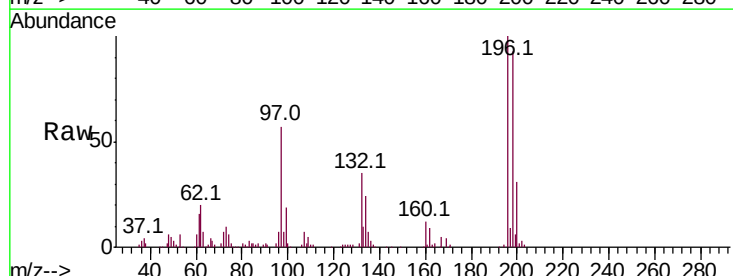
Instrument :  
 BNA\_G  
 ClientSampleId :

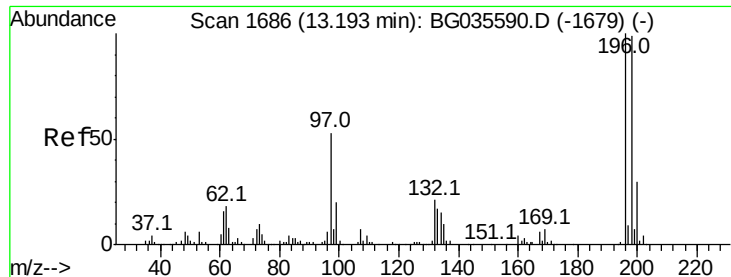
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 93.6  | 77.0  | 115.6 |
| 141     | 38.2  | 25.2  | 37.8# |



#42  
 2,4,6-Trichlorophenol  
 Concen: 42.097 ng  
 RT: 13.07 min Scan# 1666  
 Delta R.T. -0.01 min  
 Lab File: BG036253.D  
 Acq: 10 Aug 2018 4:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 93.3  | 78.2  | 117.2 |
| 200     | 31.5  | 24.6  | 36.8  |

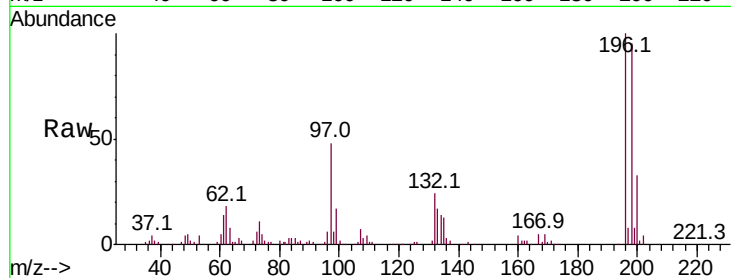




#43  
 2,4,5-Trichlorophenol  
 Concen: 40.930 ng  
 RT: 13.16 min Scan# 1680  
 Delta R.T. -0.01 min  
 Lab File: BG036253.D  
 Acq: 10 Aug 2018 4:46

Instrument :  
 BNA\_G  
 ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 196   | Resp: | 112690 |
| Ion      | Ratio | Lower | Upper  |
| 196      | 100   |       |        |
| 198      | 95.3  | 76.2  | 114.4  |
| 97       | 47.6  | 38.7  | 58.1   |
| 132      | 23.9  | 20.2  | 30.2   |



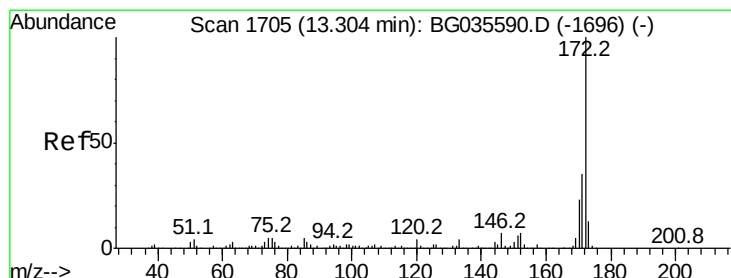
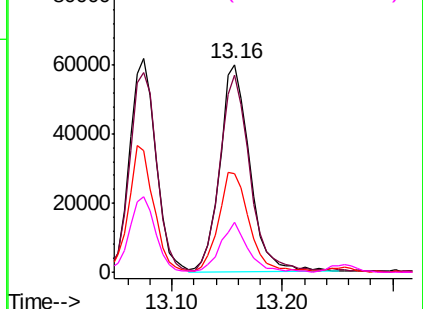
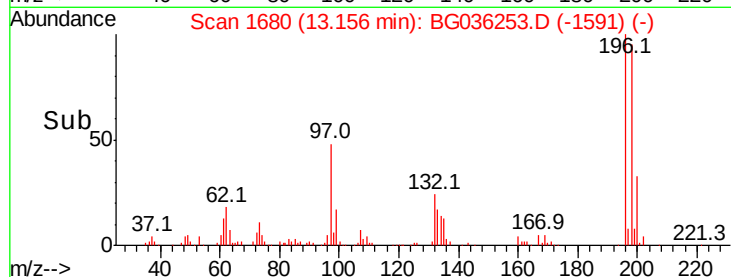
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

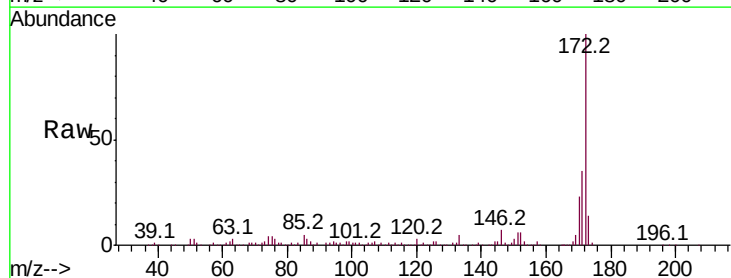
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 79.858 ng  
 RT: 13.26 min Scan# 1697  
 Delta R.T. -0.02 min  
 Lab File: BG036253.D  
 Acq: 10 Aug 2018 4:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 172   | Resp: | 664633 |
| Ion      | Ratio | Lower | Upper  |
| 172      | 100   |       |        |
| 171      | 34.6  | 30.0  | 45.0   |
| 170      | 23.2  | 19.5  | 29.3   |

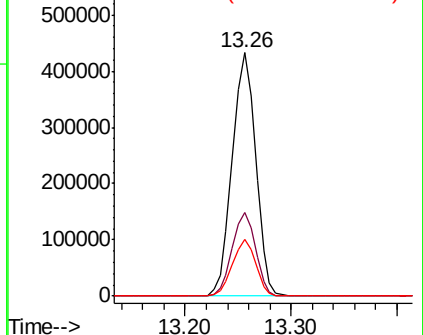
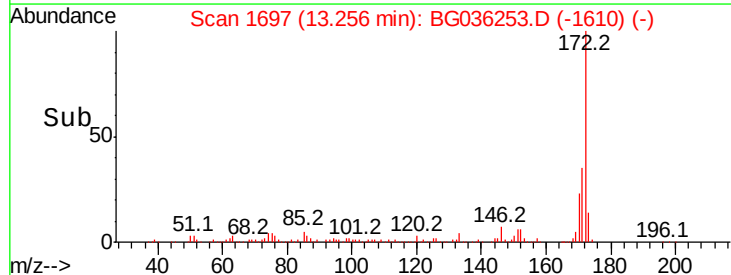


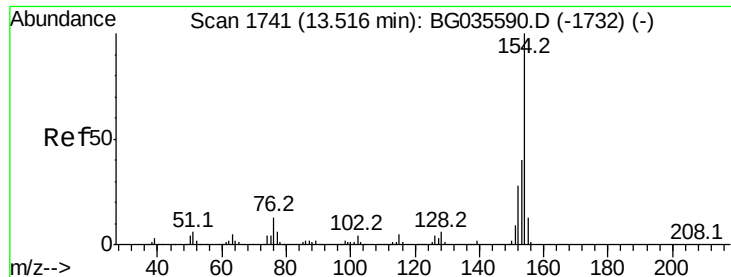
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 38.820 ng

RT: 13.47 min Scan# 1733

Delta R.T. -0.02 min

Lab File: BG036253.D

Acq: 10 Aug 2018 4:46

Instrument :

BNA\_G

ClientSampled :

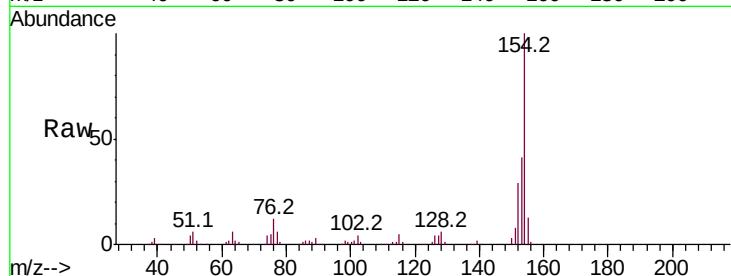
Tot Ion:154 Resp: 335587

Ion Ratio Lower Upper

154 100

153 41.3 19.8 59.8

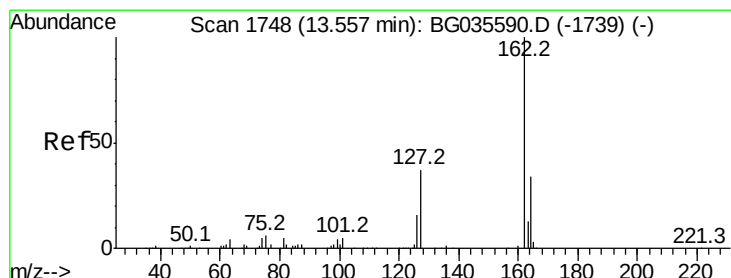
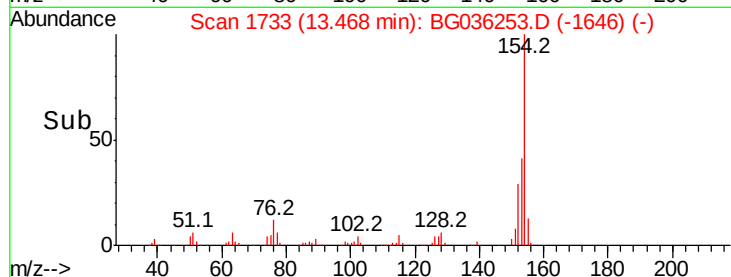
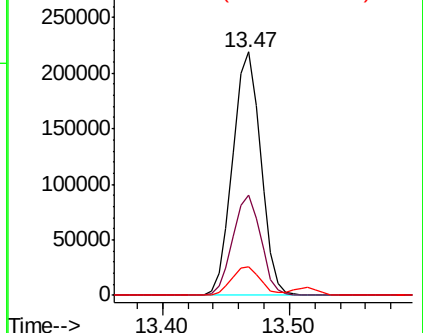
76 11.6 0.0 31.9



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): BGC



#46

2-Chloronaphthalene

Concen: 39.378 ng

RT: 13.51 min Scan# 1741

Delta R.T. -0.01 min

Lab File: BG036253.D

Acq: 10 Aug 2018 4:46

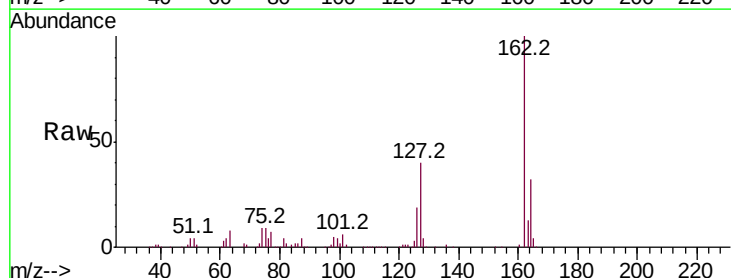
Tgt Ion:162 Resp: 264786

Ion Ratio Lower Upper

162 100

127 40.0 30.7 46.1

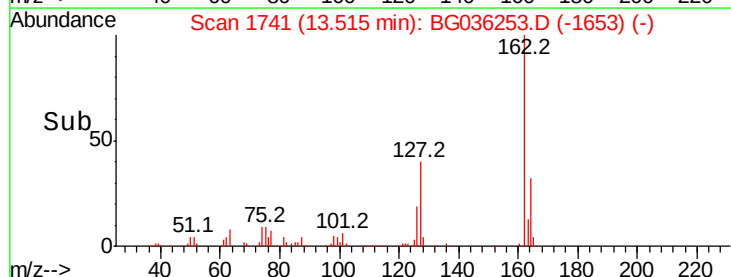
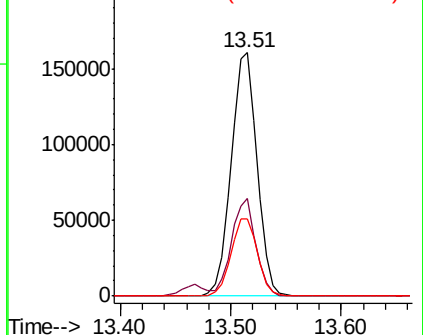
164 31.5 26.0 39.0

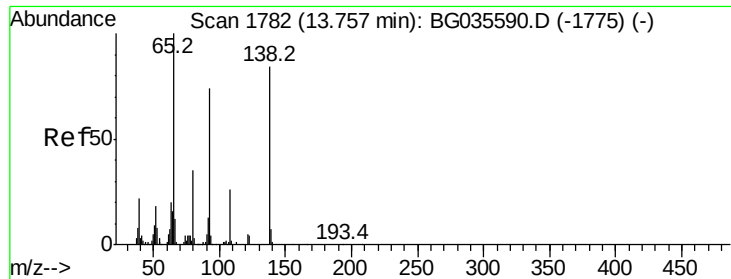


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 38.802 ng

RT: 13.72 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BG036253.D

Acq: 10 Aug 2018 4:46

Instrument :

BNA\_G

ClientSampleId :

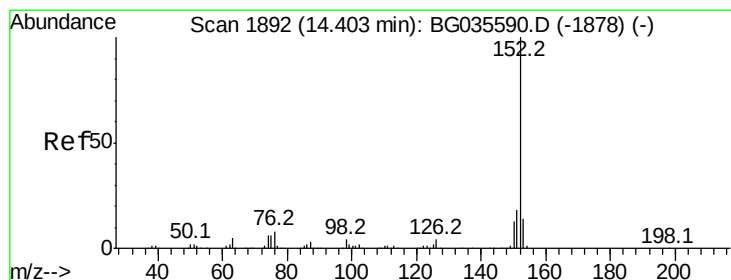
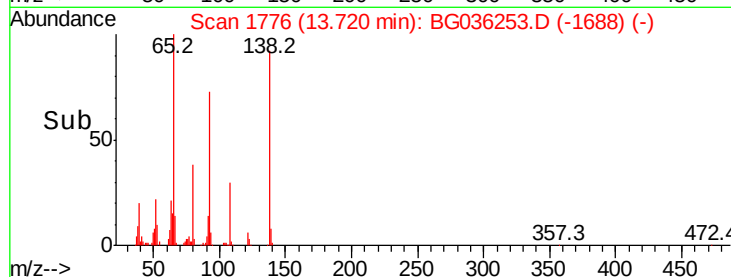
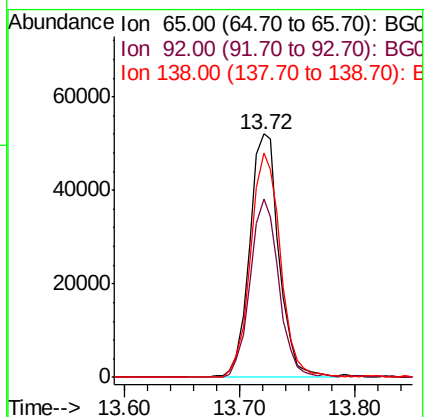
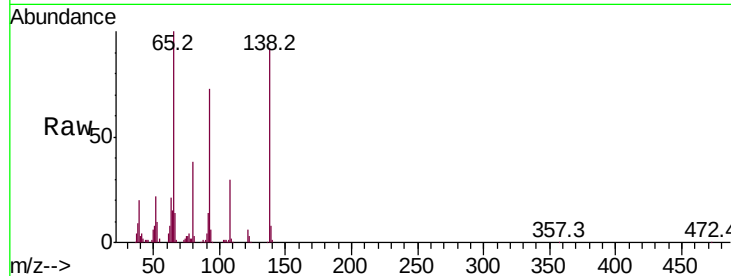
Tot Ion: 65 Resp: 92241

Ion Ratio Lower Upper

65 100

92 73.2 54.6 82.0

138 92.2 72.9 109.3



#48

Acenaphthylene

Concen: 38.816 ng

RT: 14.35 min Scan# 1884

Delta R.T. -0.02 min

Lab File: BG036253.D

Acq: 10 Aug 2018 4:46

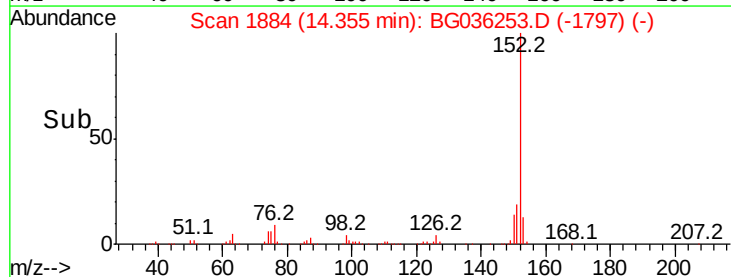
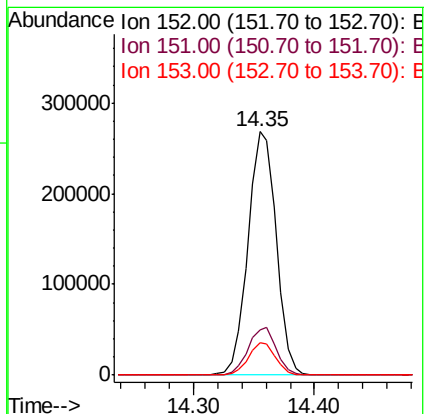
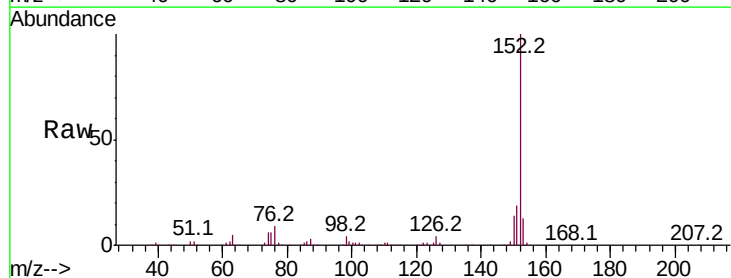
Tgt Ion: 152 Resp: 437217

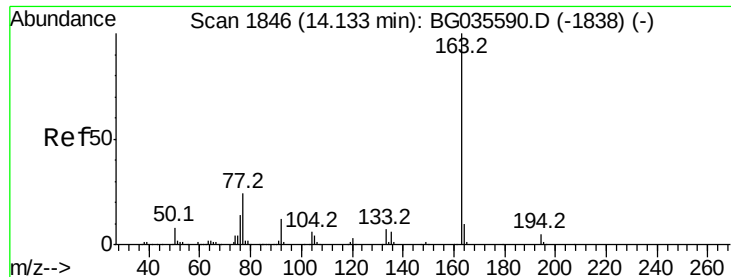
Ion Ratio Lower Upper

152 100

151 18.8 17.2 25.8

153 13.4 10.2 15.4





#49

Dimethylphthalate

Concen: 38.001 ng

RT: 14.09 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BG036253.D

Acq: 10 Aug 2018 4:46

Instrument :

BNA\_G

ClientSampleId :

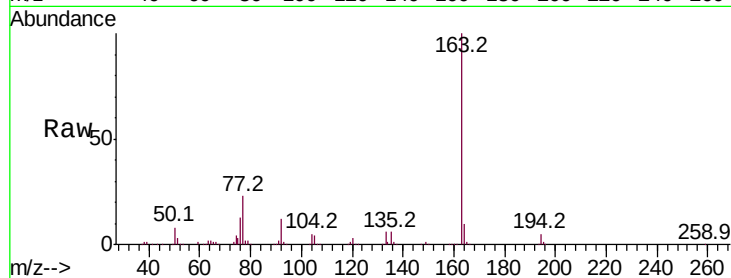
Tot Ion:163 Resp: 371240

Ion Ratio Lower Upper

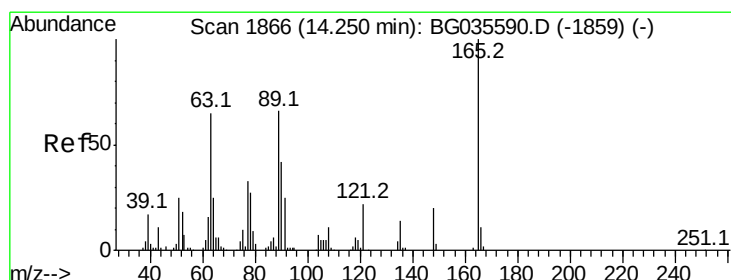
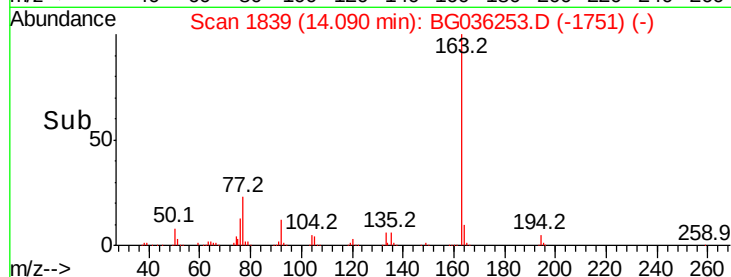
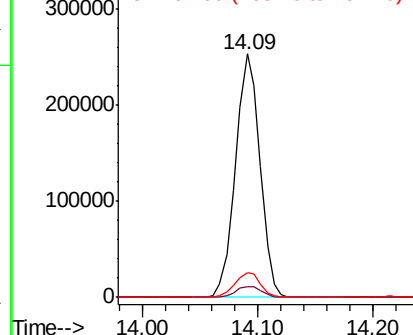
163 100

194 4.6 3.4 5.2

164 10.4 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.244 ng

RT: 14.21 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BG036253.D

Acq: 10 Aug 2018 4:46

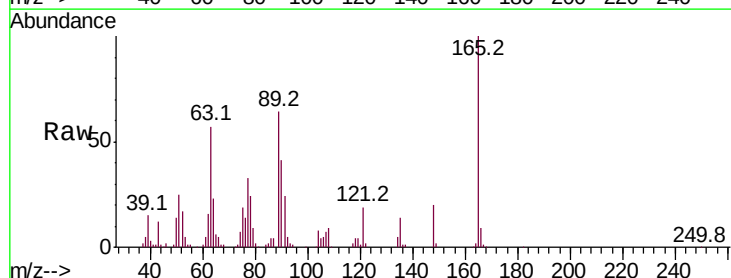
Tgt Ion:165 Resp: 82049

Ion Ratio Lower Upper

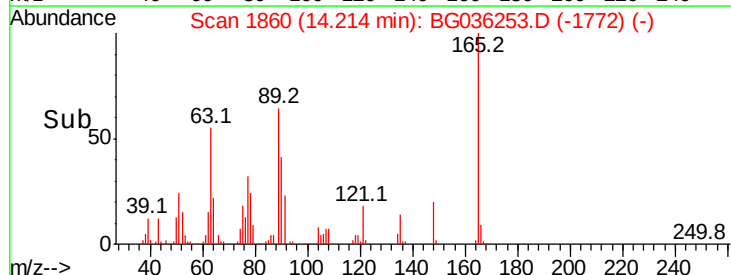
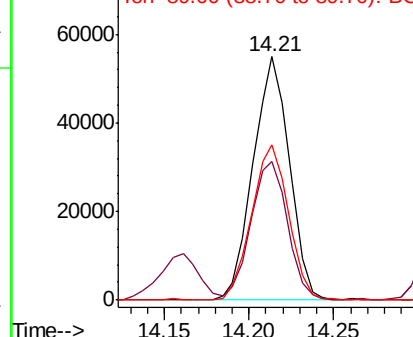
165 100

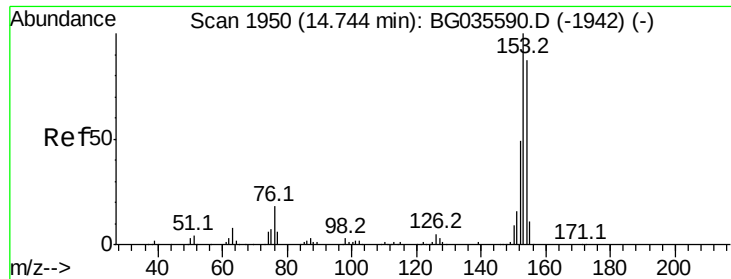
63 57.2 52.7 79.1

89 63.9 49.2 73.8



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





#51

Acenaphthene

Concen: 37.900 ng

RT: 14.70 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG036253.D

Acq: 10 Aug 2018 4:46

Instrument :

BNA\_G

ClientSampleId :

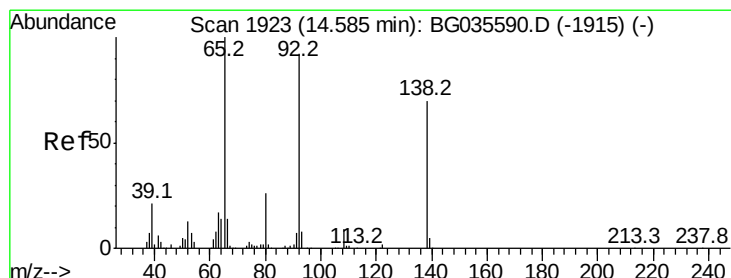
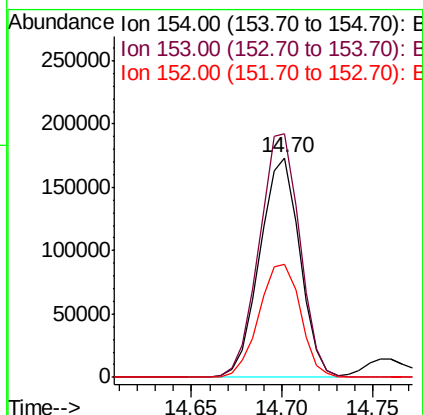
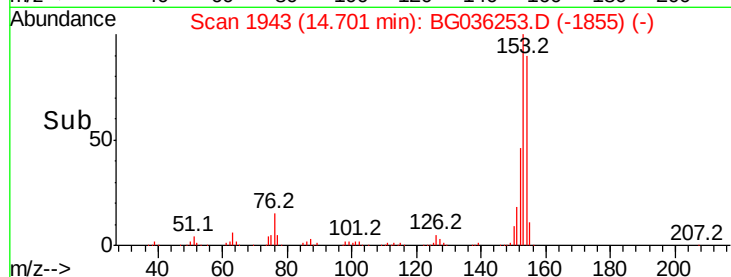
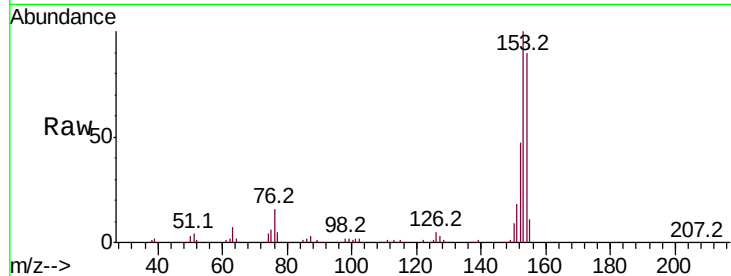
Tot Ion:154 Resp: 265927

Ion Ratio Lower Upper

154 100

153 111.0 90.4 135.6

152 51.7 41.6 62.4



#52

3-Nitroaniline

Concen: 37.254 ng

RT: 14.55 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG036253.D

Acq: 10 Aug 2018 4:46

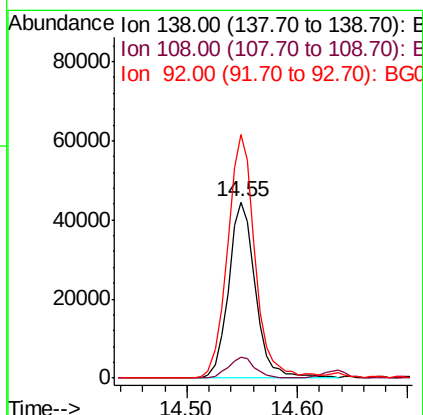
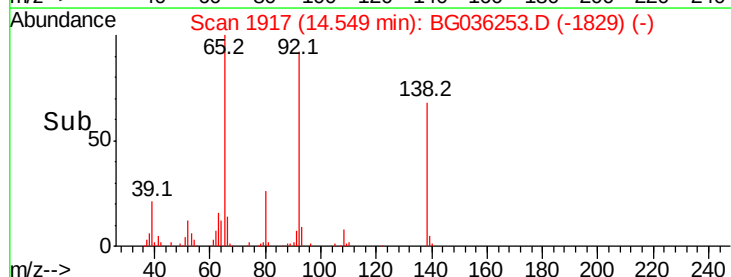
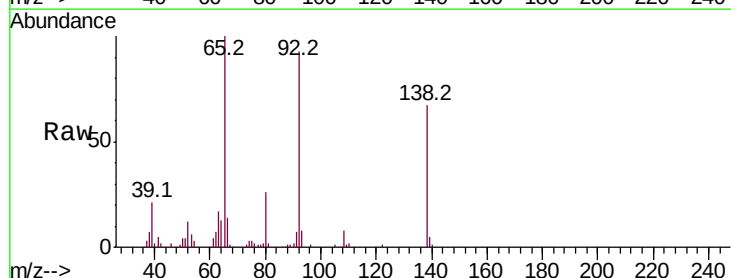
Tgt Ion:138 Resp: 75748

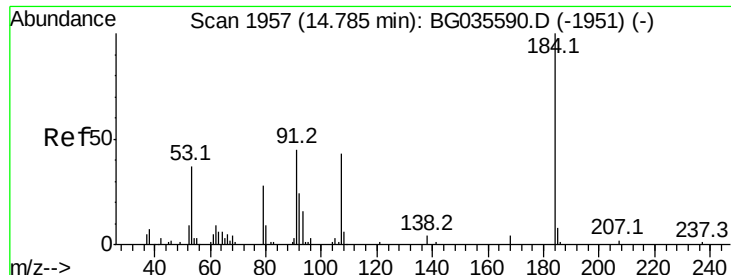
Ion Ratio Lower Upper

138 100

108 12.0 17.5 26.3#

92 138.3 105.8 158.8

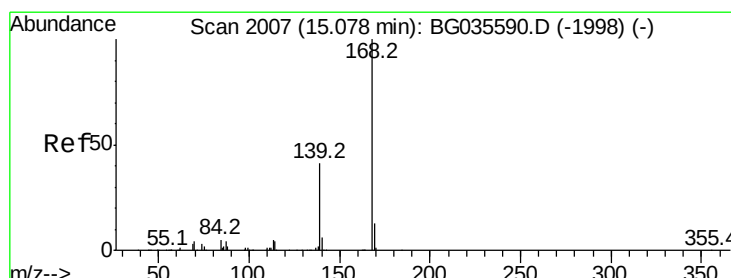
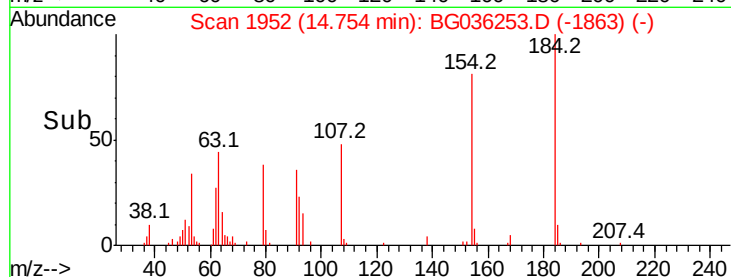
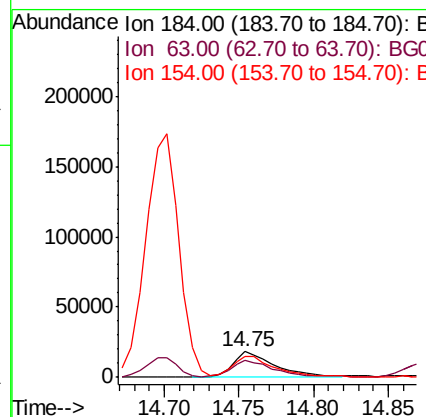
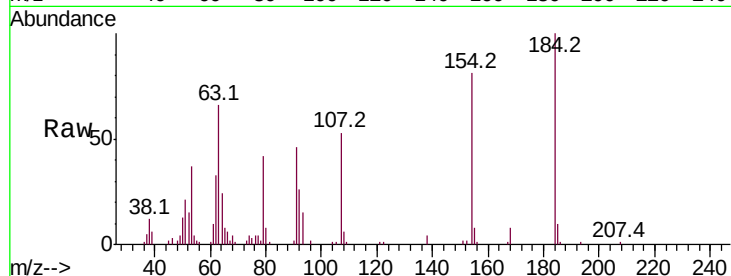




#53  
 2,4-Dinitrophenol  
 Concen: 39.106 ng  
 RT: 14.75 min Scan# 1952  
 Delta R.T. -0.01 min  
 Lab File: BG036253.D  
 Acq: 10 Aug 2018 4:46

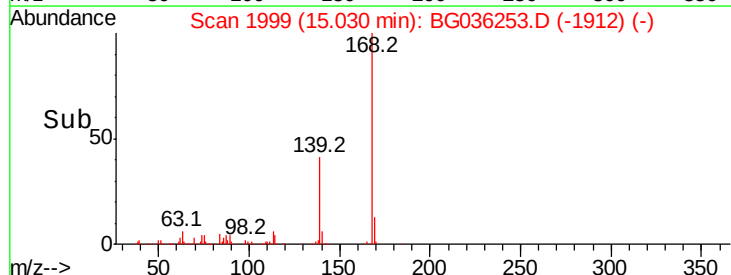
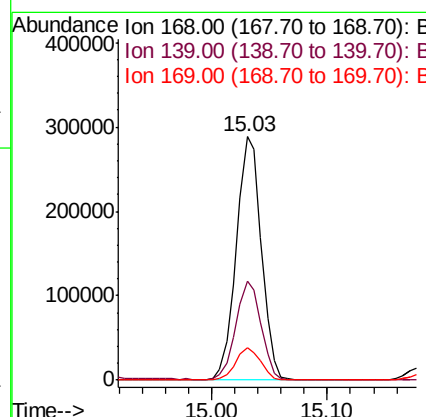
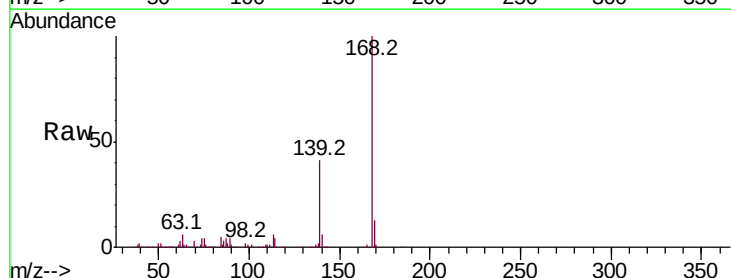
Instrument :  
 BNA\_G  
 ClientSampled :

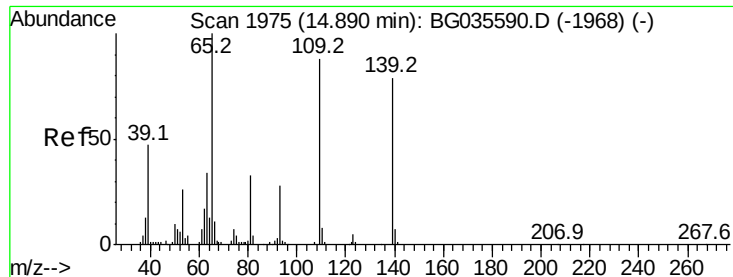
Tot Ion:184 Resp: 36255  
 Ion Ratio Lower Upper  
 184 100  
 63 65.7 59.8 89.8  
 154 80.8 101.8 152.8#



#54  
 Dibenzofuran  
 Concen: 38.760 ng  
 RT: 15.03 min Scan# 1999  
 Delta R.T. -0.02 min  
 Lab File: BG036253.D  
 Acq: 10 Aug 2018 4:46

Tgt Ion:168 Resp: 432523  
 Ion Ratio Lower Upper  
 168 100  
 139 40.9 28.6 43.0  
 169 13.2 11.2 16.8





#55

4-Nitrophenol

Concen: 33.695 ng

RT: 14.87 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG036253.D

Acq: 10 Aug 2018 4:46

Instrument :

BNA\_G

ClientSampleId :

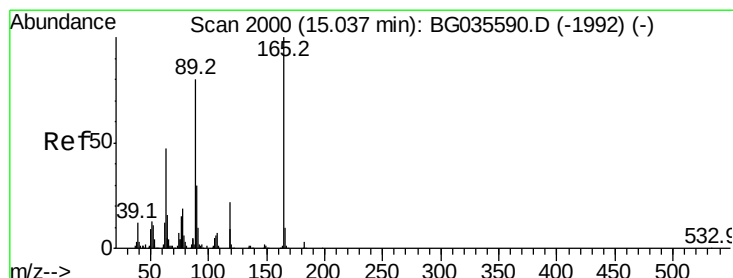
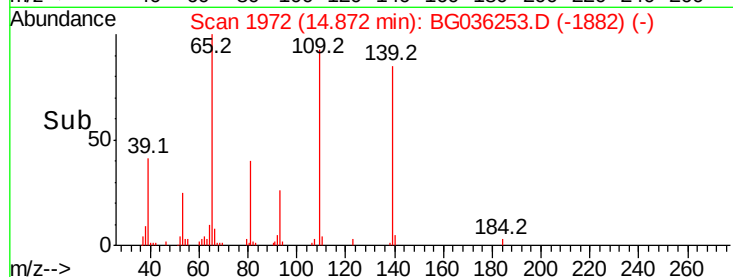
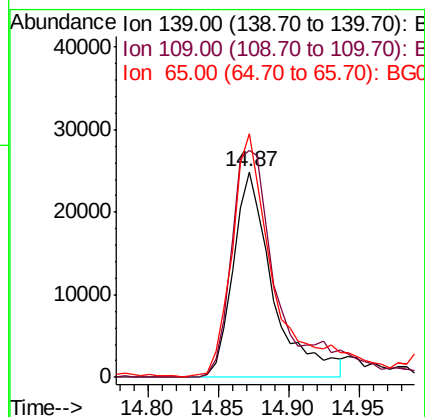
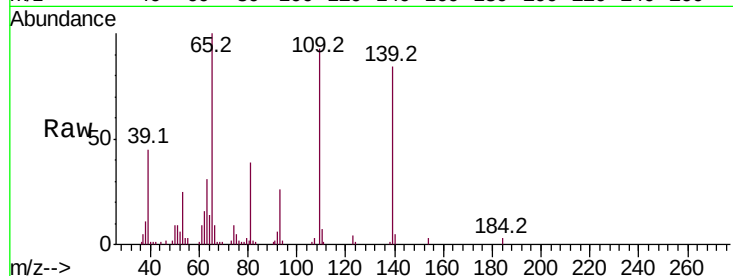
Tot Ion:139 Resp: 48792

Ion Ratio Lower Upper

139 100

109 110.1 62.2 102.2#

65 118.4 97.2 137.2



#56

2,4-Dinitrotoluene

Concen: 41.470 ng

RT: 15.00 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BG036253.D

Acq: 10 Aug 2018 4:46

Tgt Ion:165 Resp: 118358

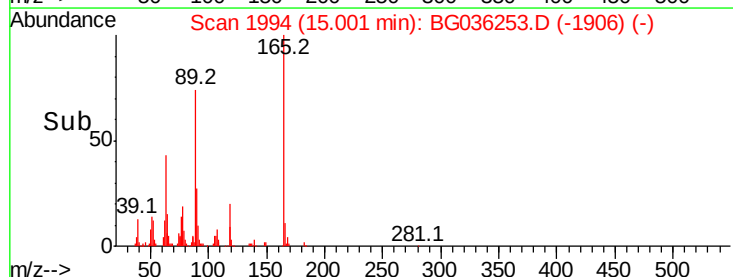
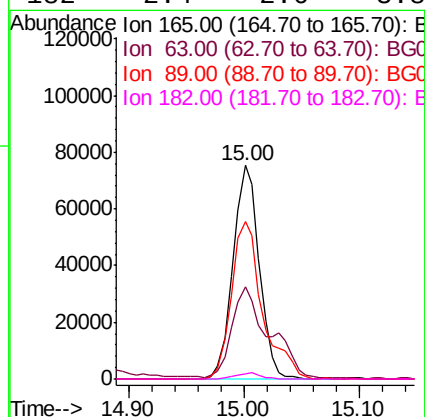
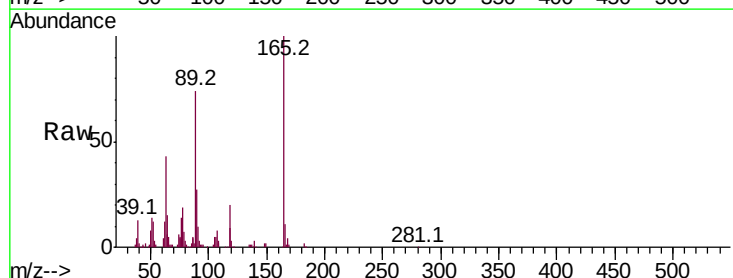
Ion Ratio Lower Upper

165 100

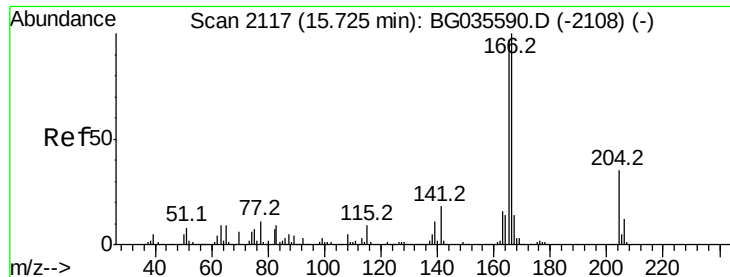
63 43.0 42.0 63.0

89 73.6 66.9 100.3

182 2.4 2.6 3.8#







#57

Fluorene

Concen: 38.470 ng

RT: 15.68 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BG036253.D

Acq: 10 Aug 2018 4:46

Instrument :

BNA\_G

ClientSampleId :

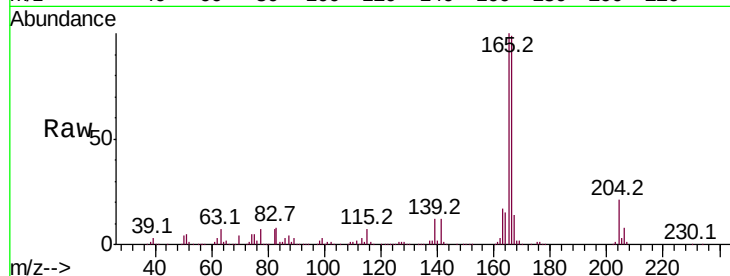
Tot Ion:166 Resp: 359805

Ion Ratio Lower Upper

166 100

165 100.5 80.6 121.0

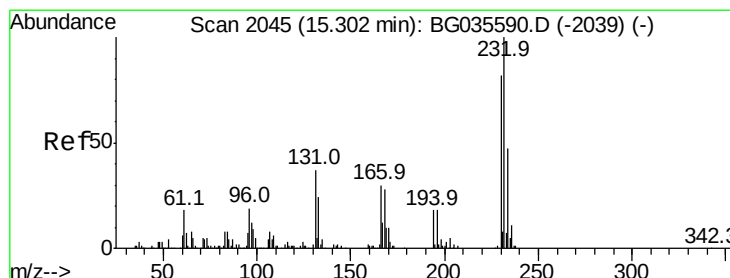
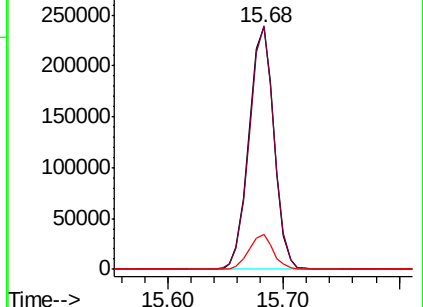
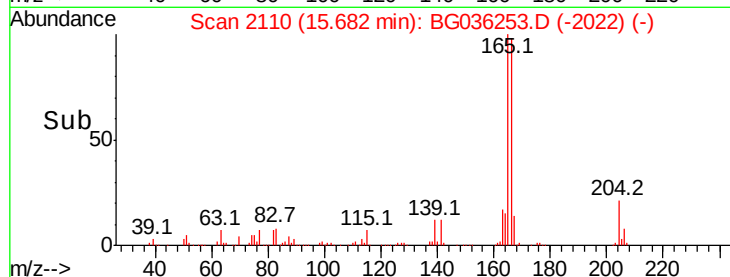
167 14.5 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.243 ng

RT: 15.27 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BG036253.D

Acq: 10 Aug 2018 4:46

Tgt Ion:232 Resp: 106235

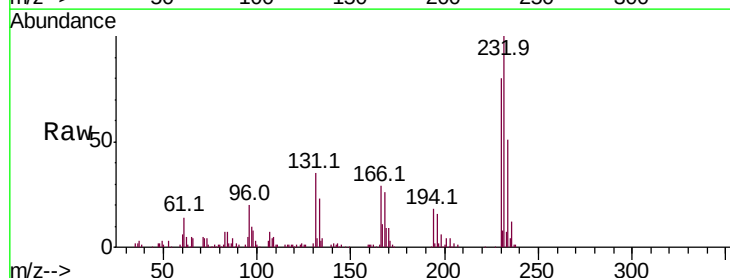
Ion Ratio Lower Upper

232 100

131 37.3 33.5 50.3

130 2.1 2.2 3.2#

166 26.5 24.8 37.2

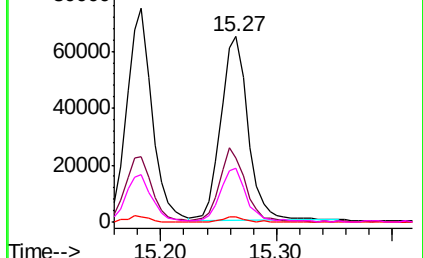
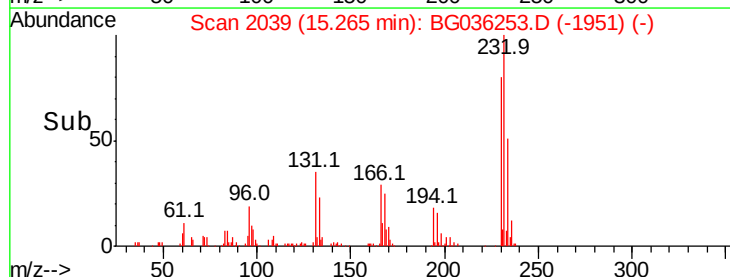


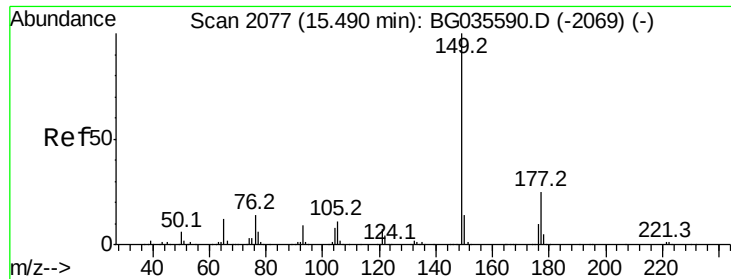
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

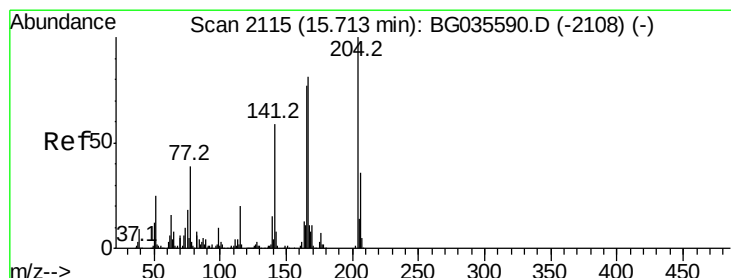
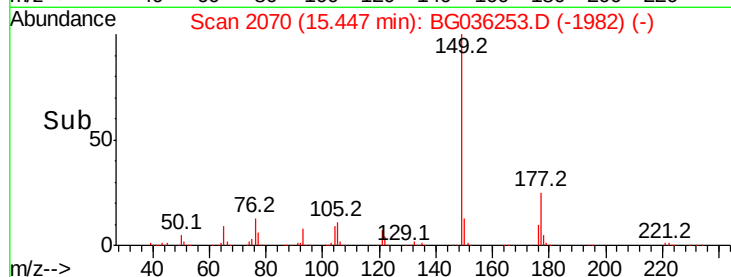
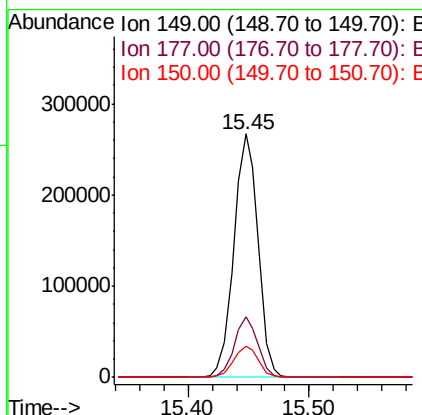
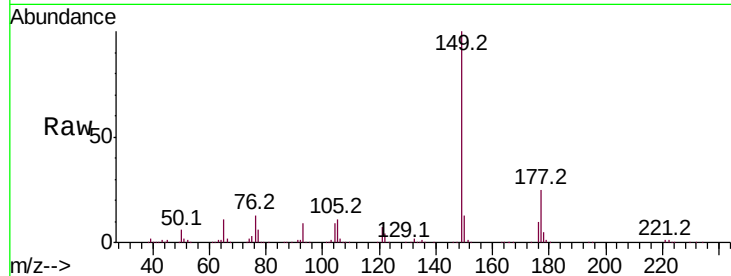




#59  
Diethylphthalate  
Concen: 36.836 ng  
RT: 15.45 min Scan# 2070  
Delta R.T. -0.01 min  
Lab File: BG036253.D  
Acq: 10 Aug 2018 4:46

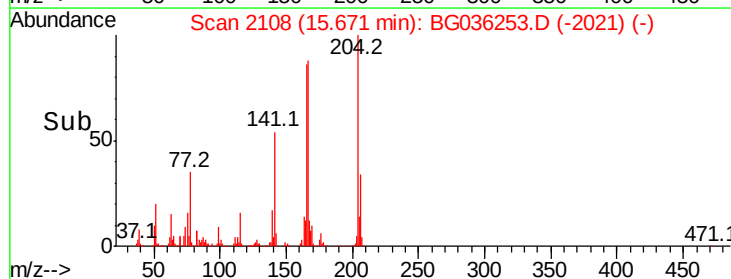
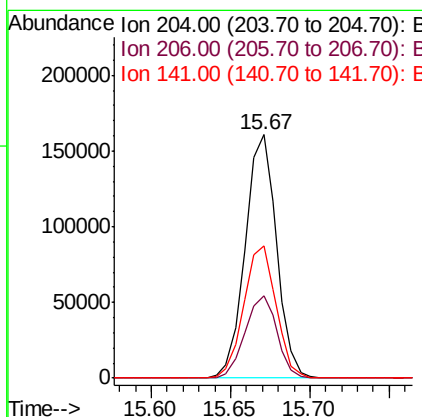
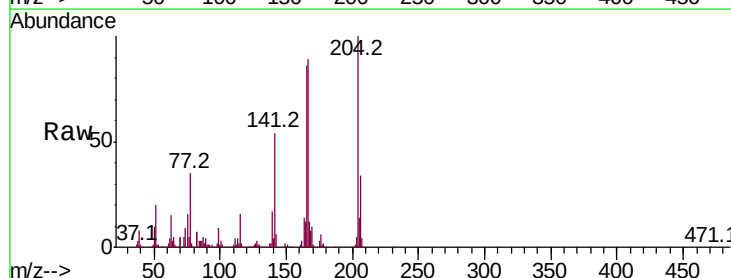
Instrument :  
BNA\_G  
ClientSampleId :

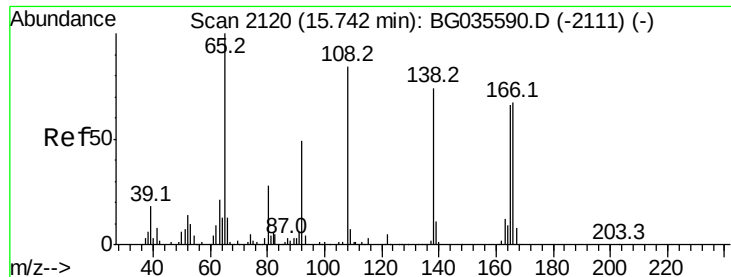
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 24.7  | 18.5  | 27.7  |
| 150     | 13.0  | 10.2  | 15.2  |



#60  
4-Chlorophenyl-phenylether  
Concen: 40.133 ng  
RT: 15.67 min Scan# 2108  
Delta R.T. -0.02 min  
Lab File: BG036253.D  
Acq: 10 Aug 2018 4:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.6  | 26.2  | 39.2  |
| 141     | 54.1  | 45.8  | 68.6  |

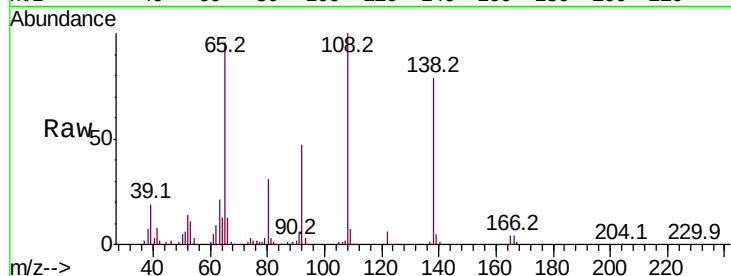




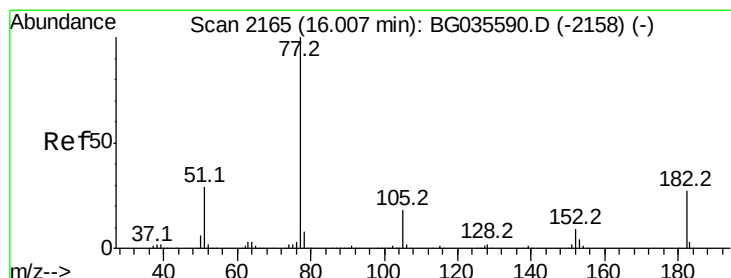
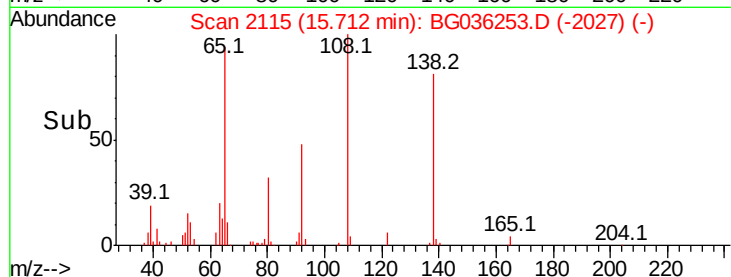
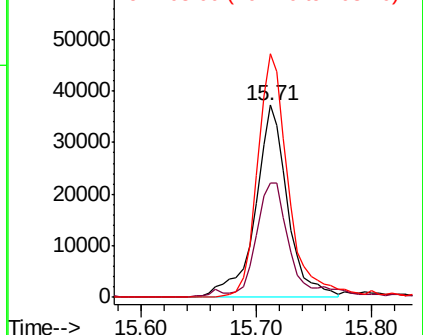
#61  
4-Nitroaniline  
Concen: 34.031 ng  
RT: 15.71 min Scan# 2115  
Delta R.T. -0.01 min  
Lab File: BG036253.D  
Acq: 10 Aug 2018 4:46

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:138 Resp: 72380  
Ion Ratio Lower Upper  
138 100  
92 59.6 40.1 80.1  
108 126.7 65.4 105.4#

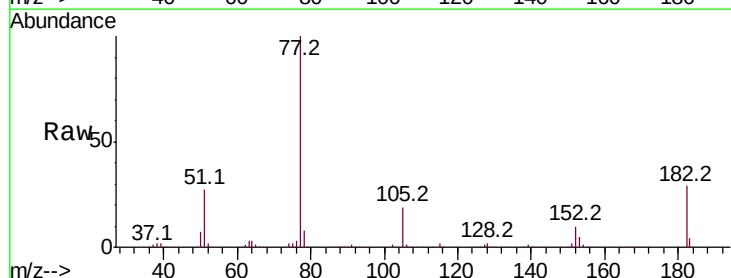


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BG  
Ion 108.00 (107.70 to 108.70): E

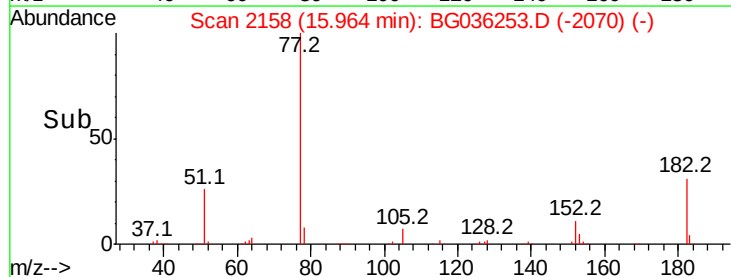
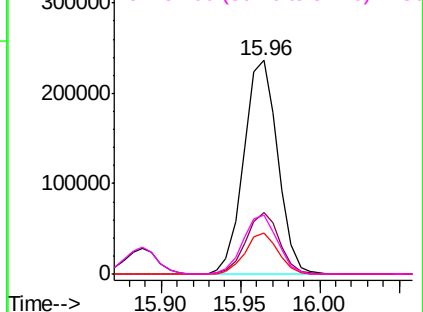


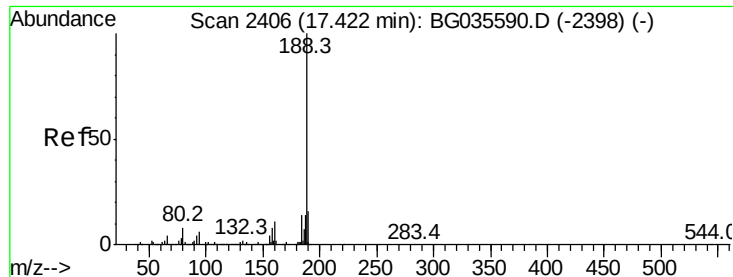
#62  
Azobenzene  
Concen: 35.147 ng  
RT: 15.96 min Scan# 2158  
Delta R.T. -0.01 min  
Lab File: BG036253.D  
Acq: 10 Aug 2018 4:46

Tgt Ion: 77 Resp: 348254  
Ion Ratio Lower Upper  
77 100  
182 29.0 7.4 47.4  
105 18.9 0.3 40.3  
51 27.5 11.6 51.6



Abundance Ion 77.00 (76.70 to 77.70): BG  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BG





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG036253.D

Acq: 10 Aug 2018 4:46

Instrument :

BNA\_G

ClientSampled :

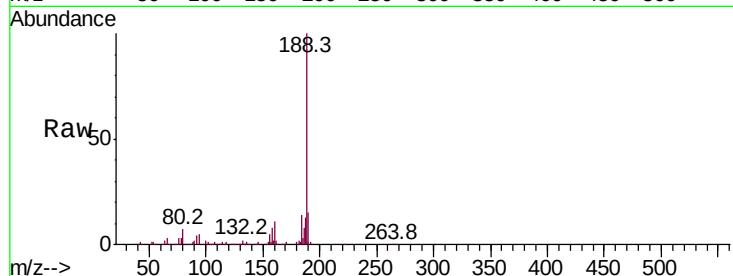
Tot Ion:188 Resp: 305696

Ion Ratio Lower Upper

188 100

94 5.4 6.9 10.3#

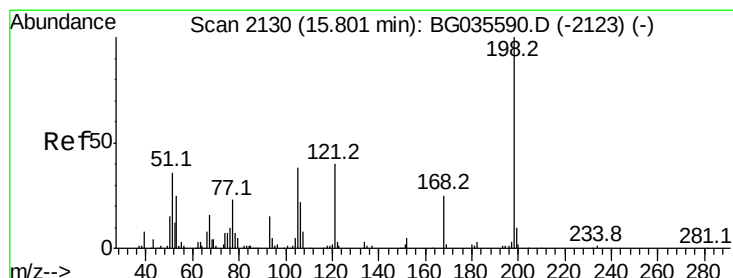
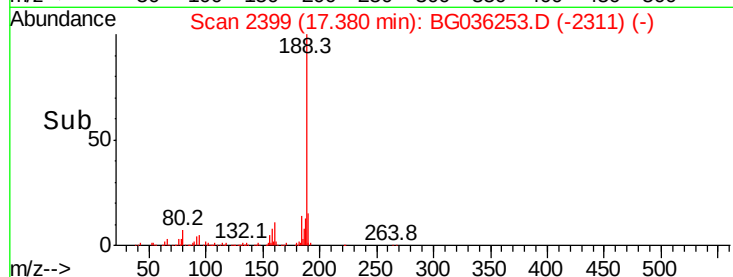
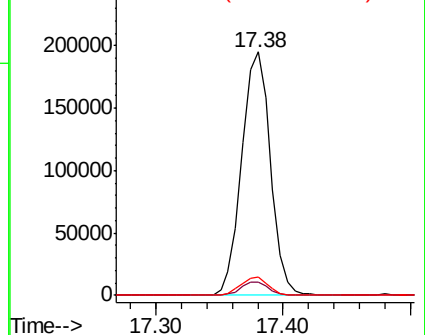
80 7.5 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#64

4,6-Dinitro-2-methylphenol

Concen: 40.691 ng

RT: 15.77 min Scan# 2125

Delta R.T. -0.01 min

Lab File: BG036253.D

Acq: 10 Aug 2018 4:46

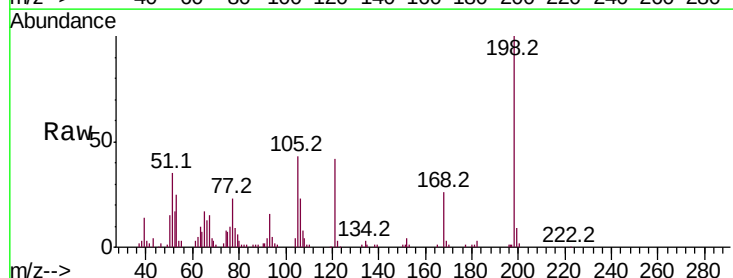
Tgt Ion:198 Resp: 69244

Ion Ratio Lower Upper

198 100

51 34.8 30.6 70.6

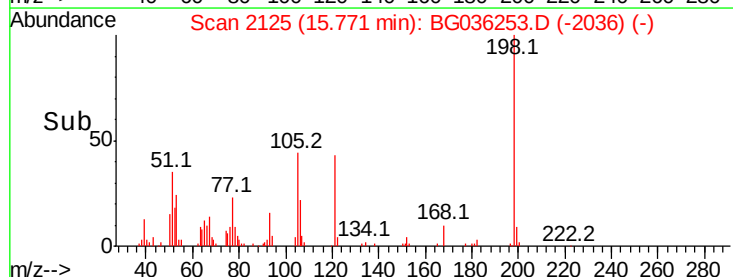
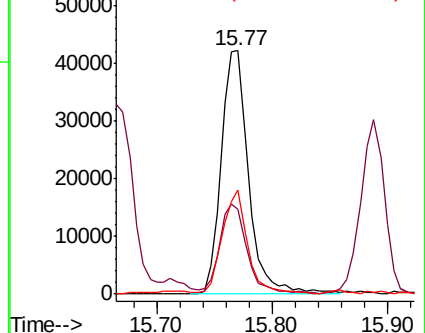
105 42.8 23.8 63.8

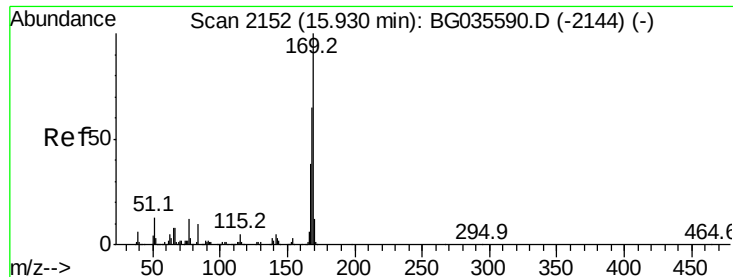


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.131 ng

RT: 15.89 min Scan# 2145

Delta R.T. -0.01 min

Lab File: BG036253.D

Acq: 10 Aug 2018 4:46

Instrument :

BNA\_G

ClientSampleId :

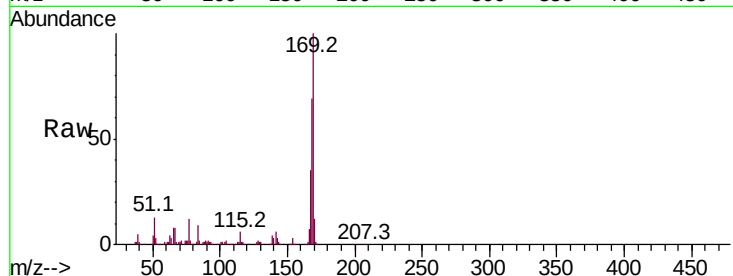
Tot Ion:169 Resp: 331783

Ion Ratio Lower Upper

169 100

168 69.4 55.7 83.5

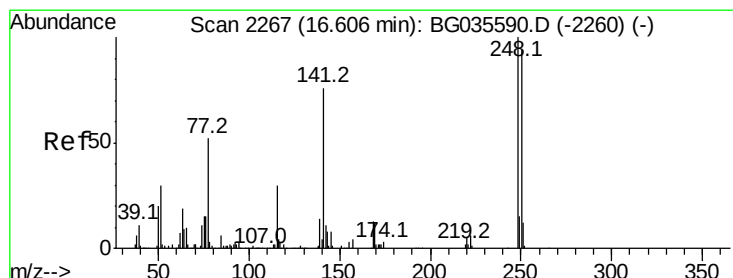
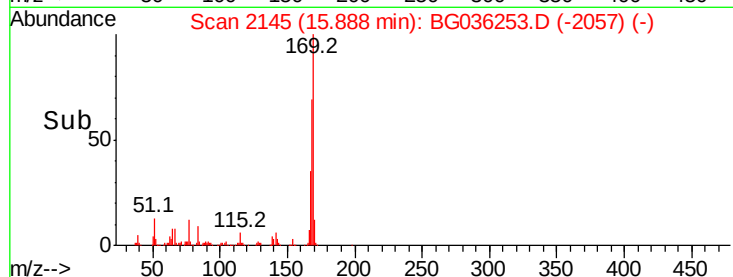
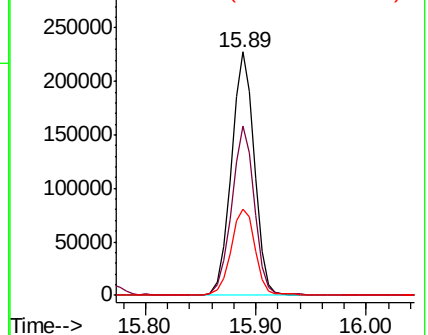
167 35.3 30.1 45.1



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



#66

4-Bromophenyl-phenylether

Concen: 40.658 ng

RT: 16.56 min Scan# 2260

Delta R.T. -0.02 min

Lab File: BG036253.D

Acq: 10 Aug 2018 4:46

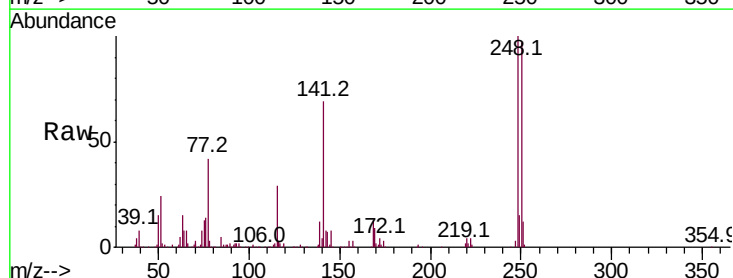
Tgt Ion:248 Resp: 144199

Ion Ratio Lower Upper

248 100

250 96.7 77.1 115.7

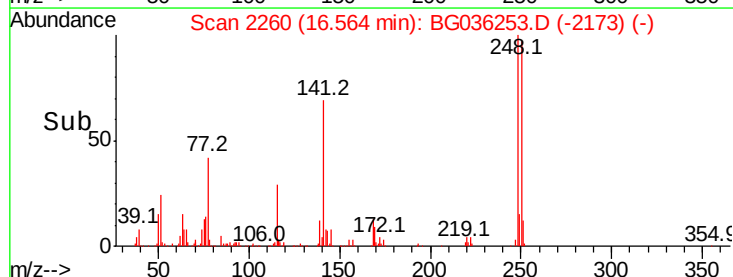
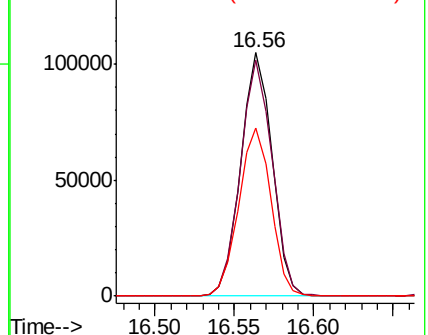
141 69.3 50.8 76.2

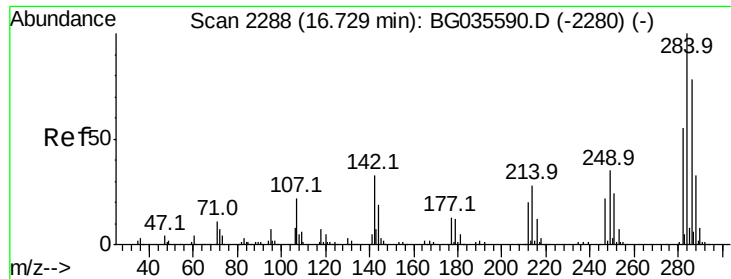


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

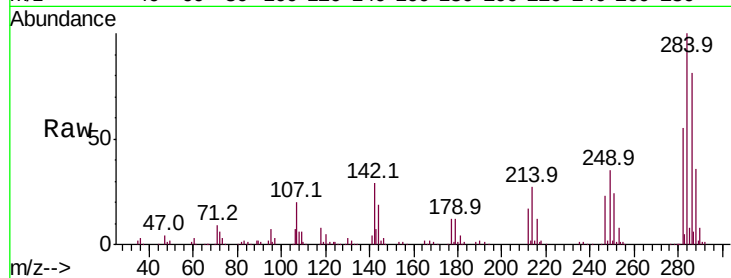




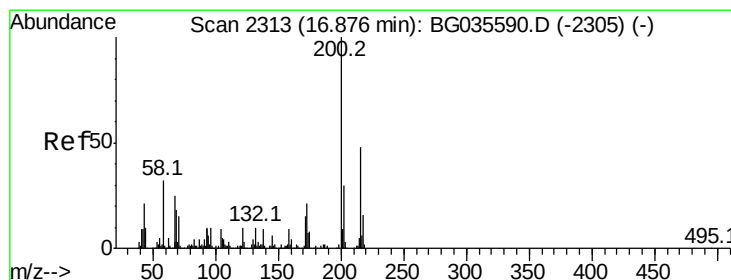
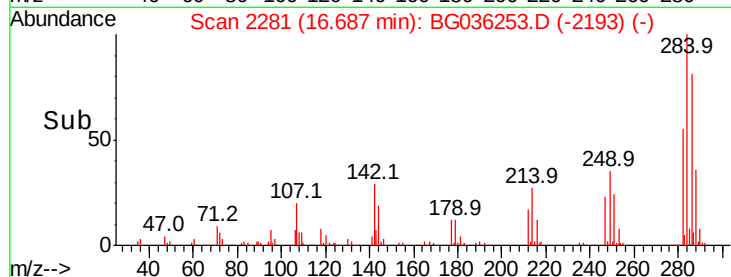
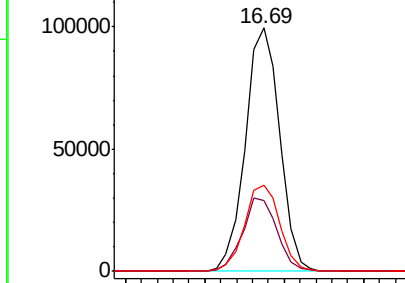
#67  
Hexachlorobenzene  
Concen: 40.933 ng  
RT: 16.69 min Scan# 2281  
Delta R.T. -0.01 min  
Lab File: BG036253.D  
Acq: 10 Aug 2018 4:46

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 29.1  | 26.8  | 40.2  |
| 249     | 35.4  | 26.3  | 39.5  |

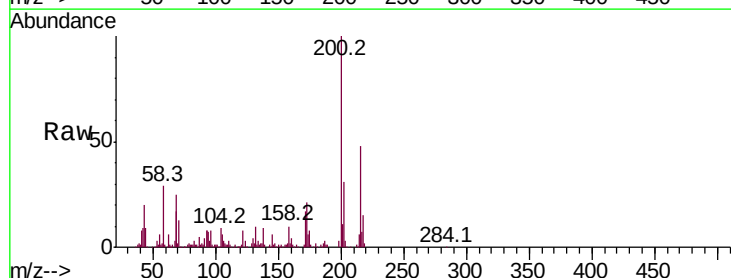


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

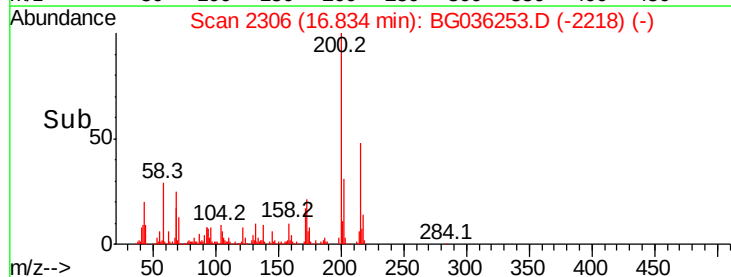
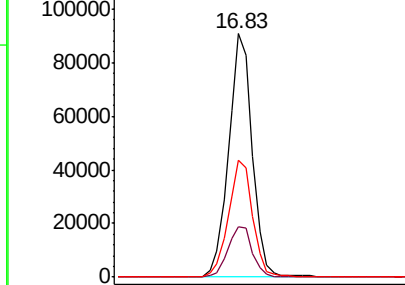


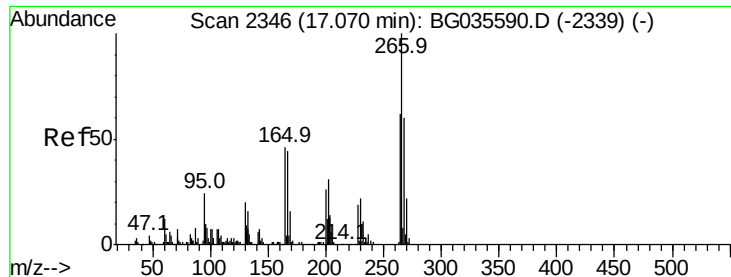
#68  
Atrazine  
Concen: 34.337 ng  
RT: 16.83 min Scan# 2306  
Delta R.T. -0.01 min  
Lab File: BG036253.D  
Acq: 10 Aug 2018 4:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 20.6  | 5.2   | 45.2  |
| 215     | 48.0  | 30.4  | 70.4  |



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

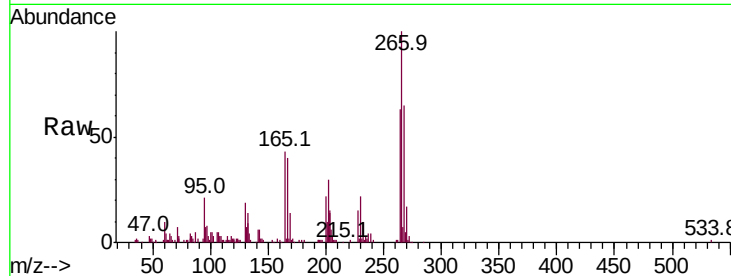




#69  
 Pentachlorophenol  
 Concen: 31.833 ng  
 RT: 17.04 min Scan# 2341  
 Delta R.T. -0.01 min  
 Lab File: BG036253.D  
 Acq: 10 Aug 2018 4:46

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.9  | 51.1  | 76.7  |
| 264     | 63.0  | 49.6  | 74.4  |

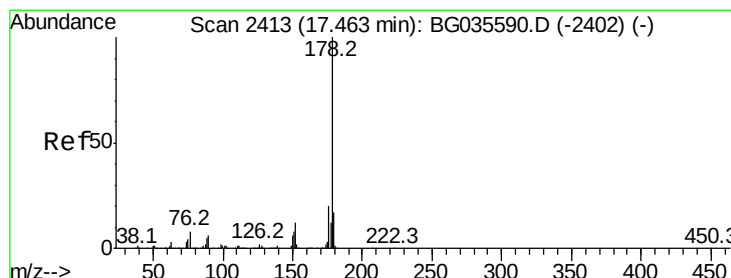
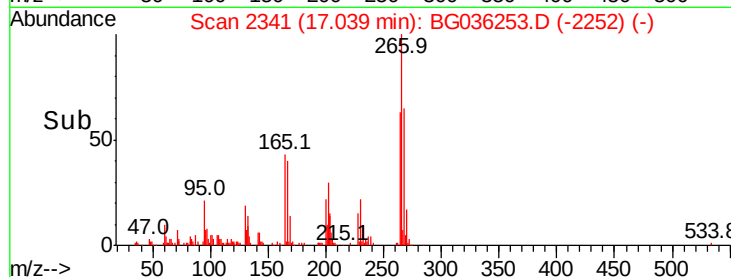
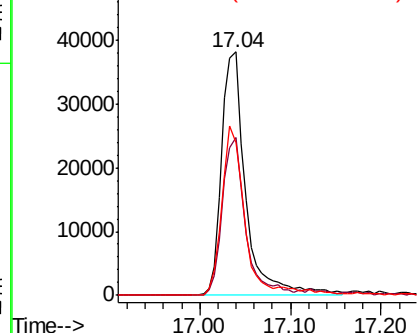


Abundance

Ion 265.70 (265.40 to 266.40): E

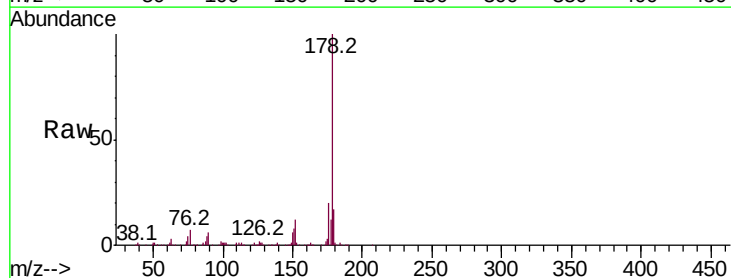
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70  
 Phenanthrene  
 Concen: 37.893 ng  
 RT: 17.42 min Scan# 2406  
 Delta R.T. -0.02 min  
 Lab File: BG036253.D  
 Acq: 10 Aug 2018 4:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.1  | 15.7  | 23.5  |
| 179     | 16.6  | 12.5  | 18.7  |

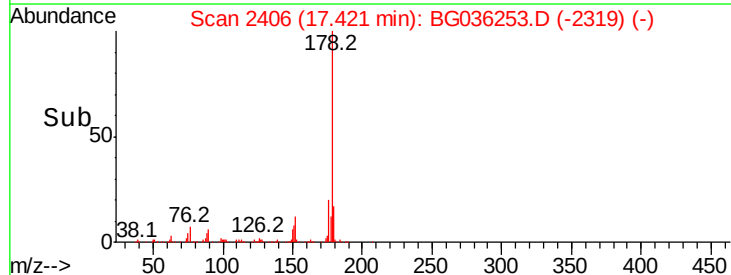
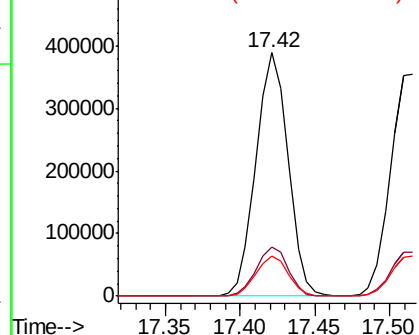


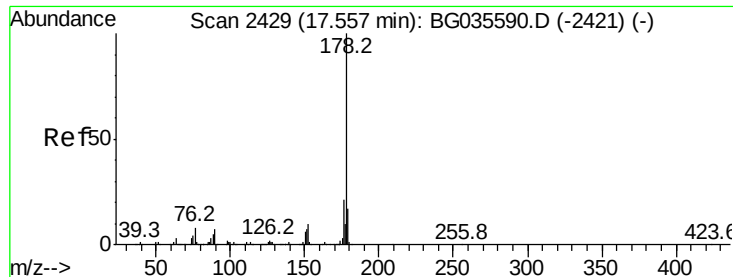
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

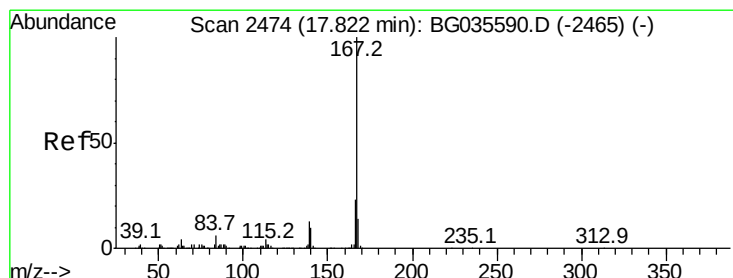
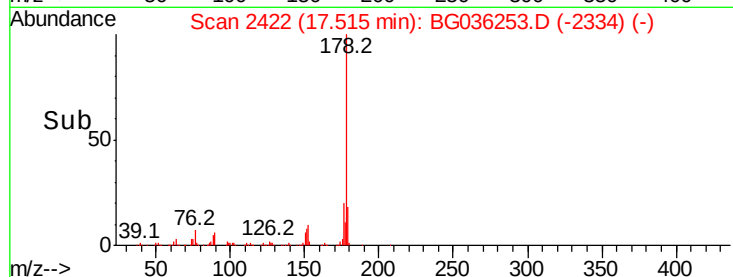
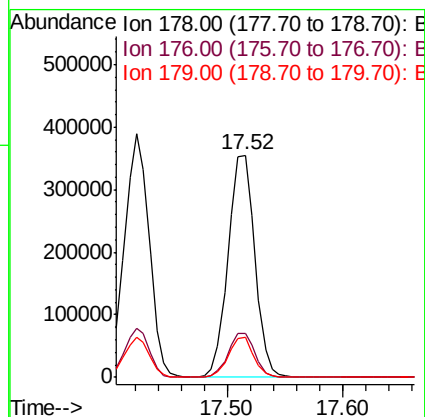
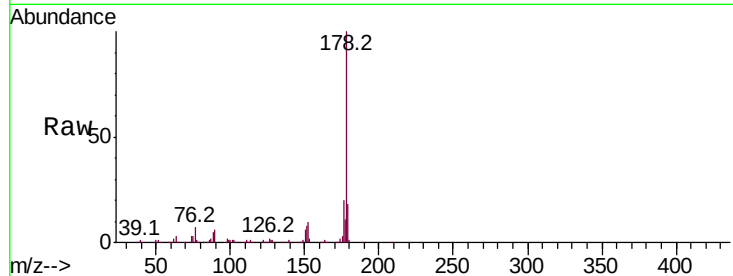




#71  
 Anthracene  
 Concen: 37.495 ng  
 RT: 17.52 min Scan# 2422  
 Delta R.T. -0.01 min  
 Lab File: BG036253.D  
 Acq: 10 Aug 2018 4:46

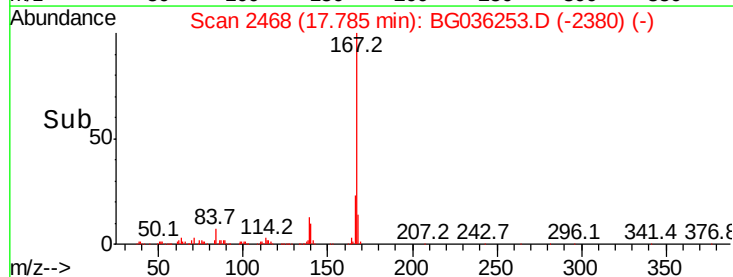
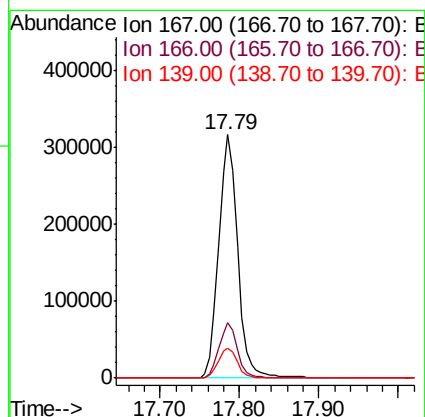
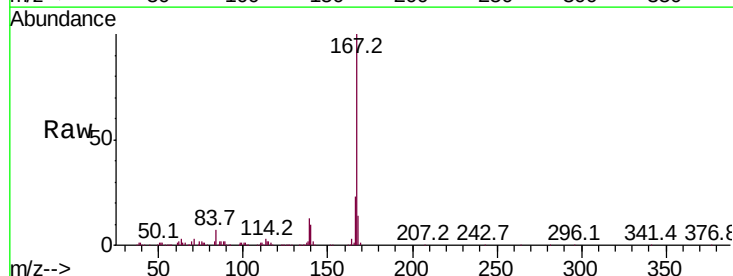
Instrument :  
 BNA\_G  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.0  | 16.0  | 24.0  |
| 179     | 17.8  | 12.5  | 18.7  |

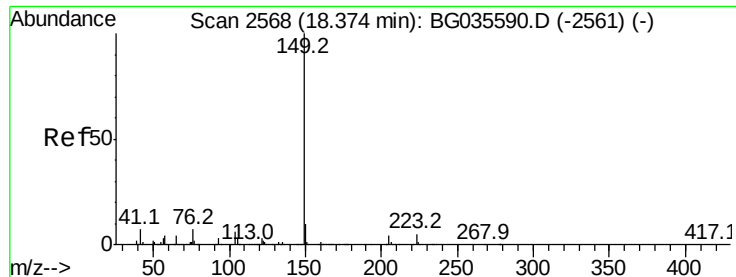


#72  
 Carbazole  
 Concen: 36.508 ng  
 RT: 17.79 min Scan# 2468  
 Delta R.T. -0.01 min  
 Lab File: BG036253.D  
 Acq: 10 Aug 2018 4:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.8  | 18.2  | 27.4  |
| 139     | 12.5  | 9.4   | 14.2  |







#73

Di-n-butylphthalate

Concen: 36.754 ng

RT: 18.33 min Scan# 2561

Delta R.T. -0.02 min

Lab File: BG036253.D

Acq: 10 Aug 2018 4:46

Instrument :

BNA\_G

ClientSampleId :

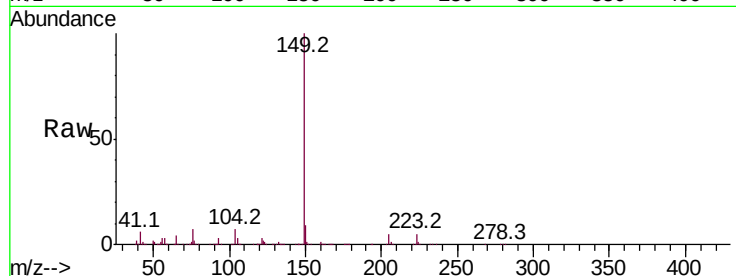
Tot Ion:149 Resp: 626483

Ion Ratio Lower Upper

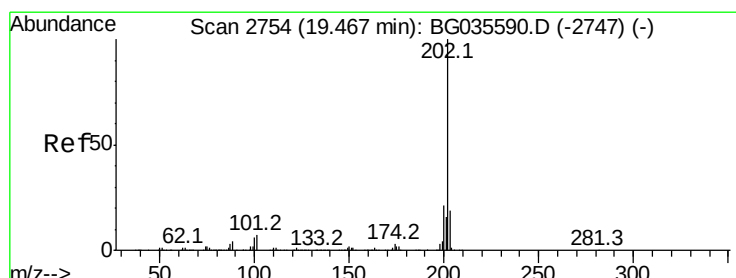
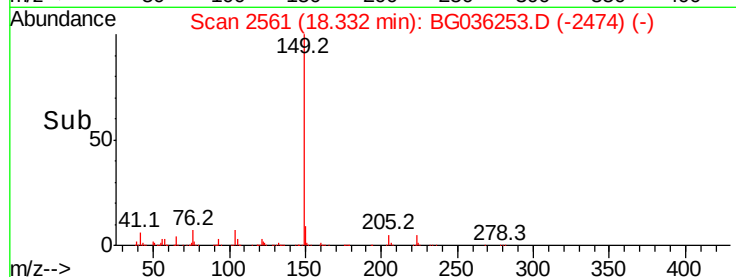
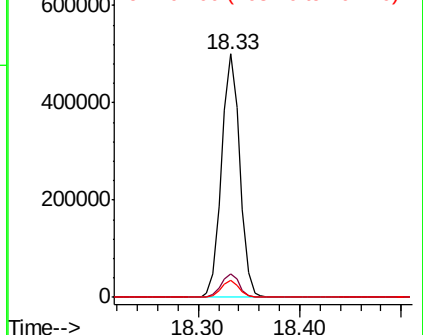
149 100

150 9.4 7.8 11.6

104 7.2 3.9 5.9#



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



#74

Fluoranthene

Concen: 37.006 ng

RT: 19.43 min Scan# 2748

Delta R.T. -0.01 min

Lab File: BG036253.D

Acq: 10 Aug 2018 4:46

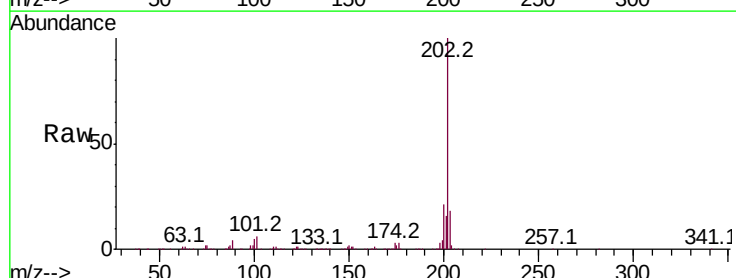
Tgt Ion:202 Resp: 760350

Ion Ratio Lower Upper

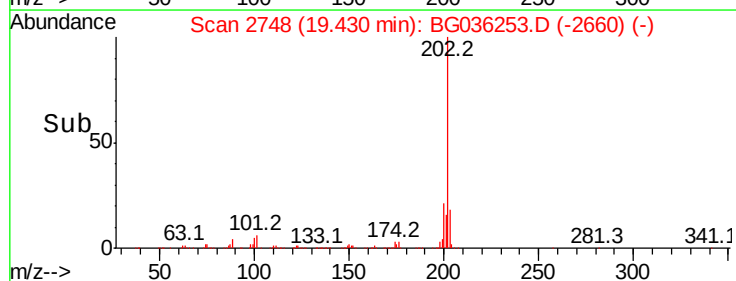
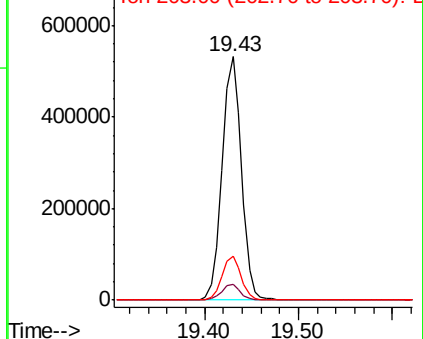
202 100

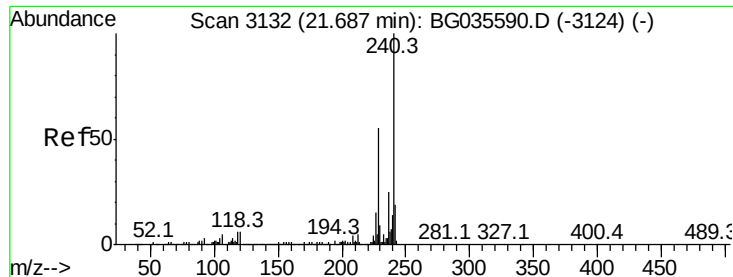
101 6.2 0.0 28.9

203 17.9 0.0 37.5



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BG036253.D

Acq: 10 Aug 2018 4:46

Instrument :

BNA\_G

ClientSampleId :

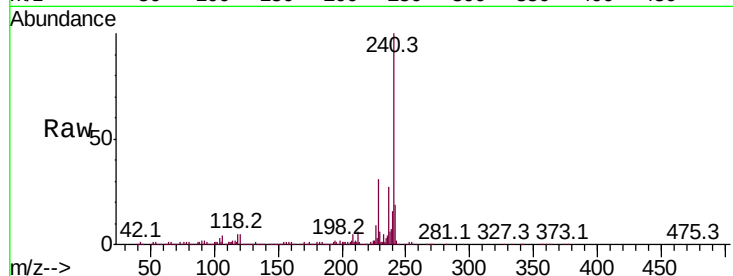
Tot Ion:240 Resp: 321745

Ion Ratio Lower Upper

240 100

120 5.2 6.8 10.2#

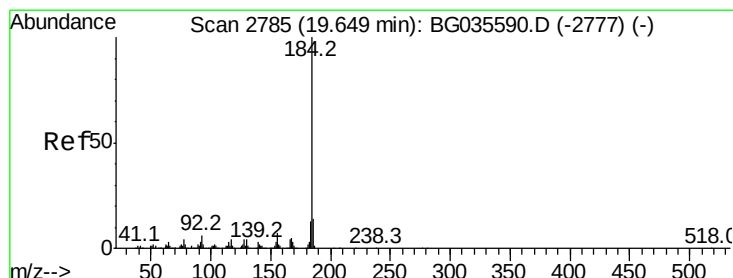
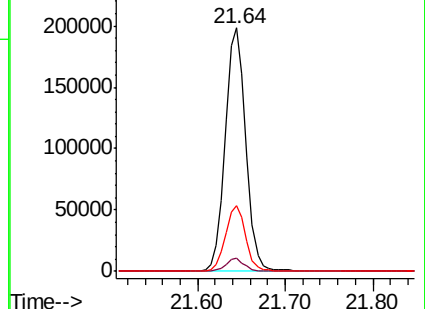
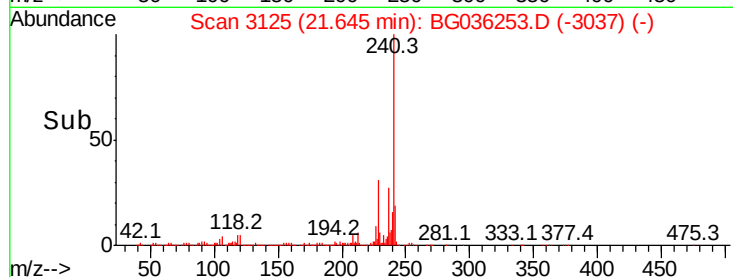
236 26.9 20.9 31.3



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



#76

Benzidine

Concen: 36.154 ng

RT: 19.61 min Scan# 2779

Delta R.T. -0.01 min

Lab File: BG036253.D

Acq: 10 Aug 2018 4:46

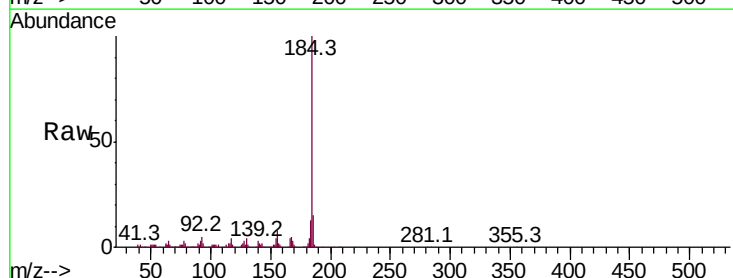
Tgt Ion:184 Resp: 305815

Ion Ratio Lower Upper

184 100

185 15.1 11.1 16.7

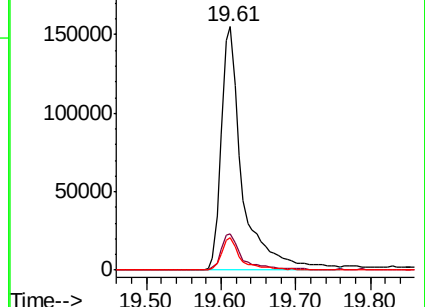
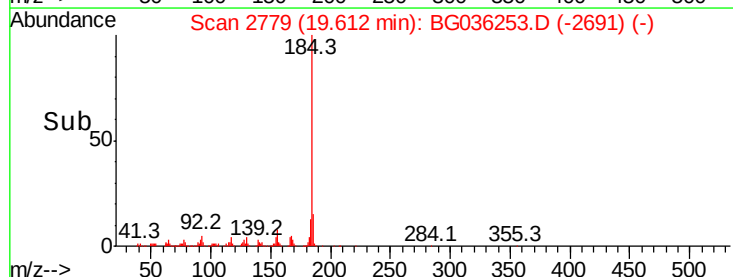
183 13.2 10.6 16.0

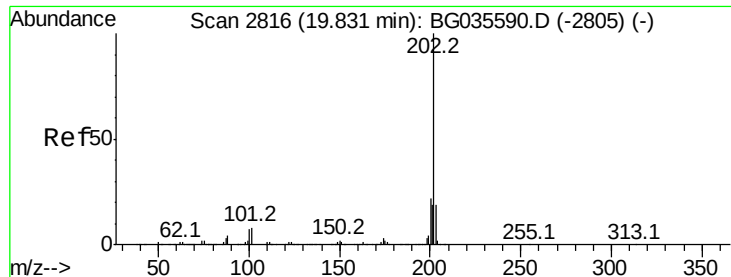


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

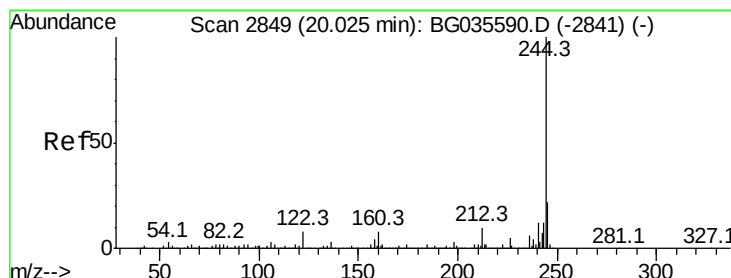
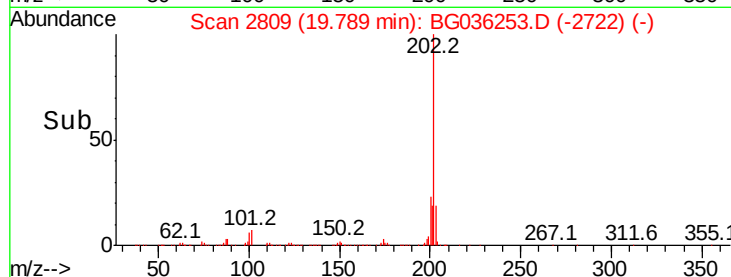
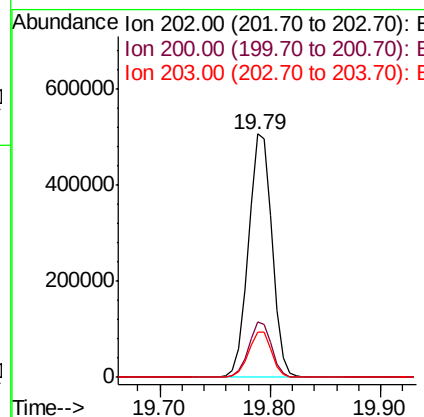
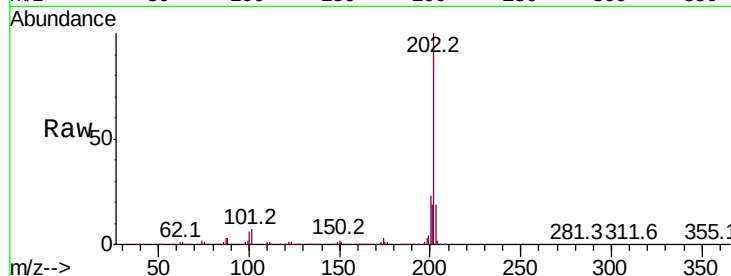




#77  
 Pvrene  
 Concen: 37.581 ng  
 RT: 19.79 min Scan# 2809  
 Delta R.T. -0.02 min  
 Lab File: BG036253.D  
 Acq: 10 Aug 2018 4:46

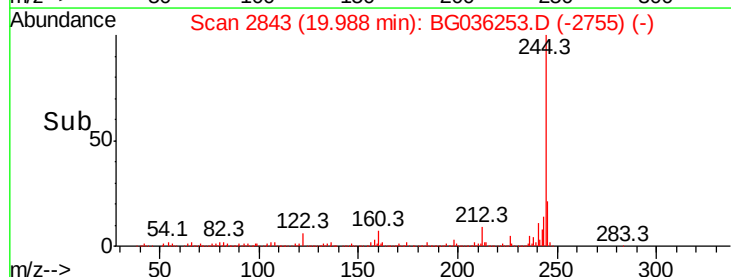
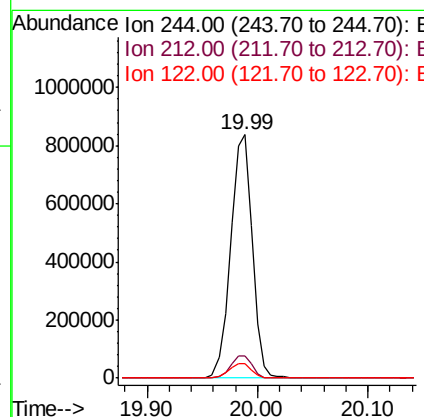
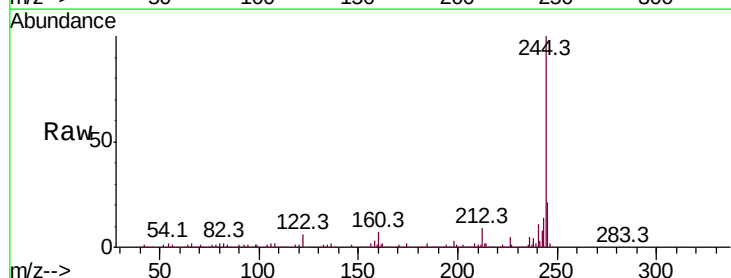
Instrument :  
 BNA\_G  
 ClientSampleId :

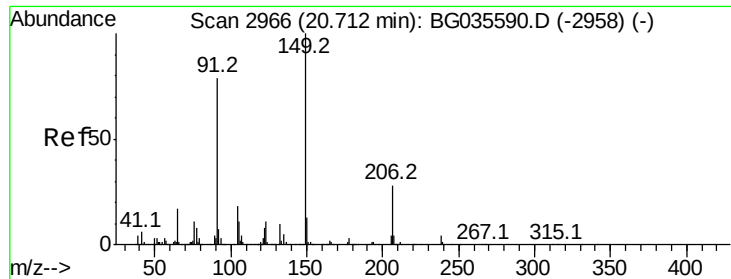
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 22.8  | 16.9  | 25.3  |
| 203     | 18.7  | 13.9  | 20.9  |



#78  
 Terphenyl-d14  
 Concen: 78.793 ng  
 RT: 19.99 min Scan# 2843  
 Delta R.T. -0.01 min  
 Lab File: BG036253.D  
 Acq: 10 Aug 2018 4:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 9.4   | 5.8   | 8.8#  |
| 122     | 5.9   | 7.0   | 10.4# |

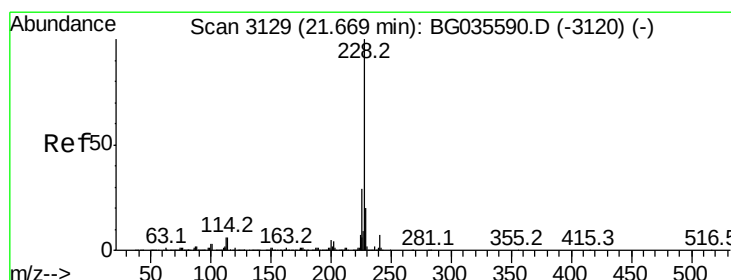
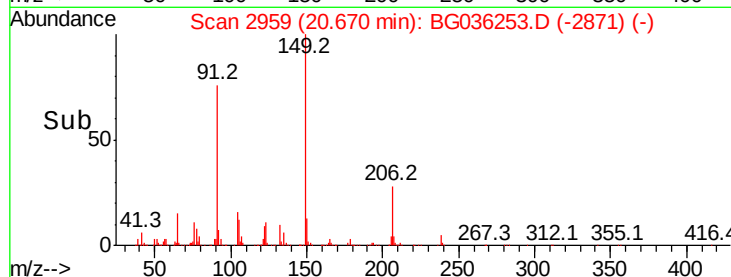
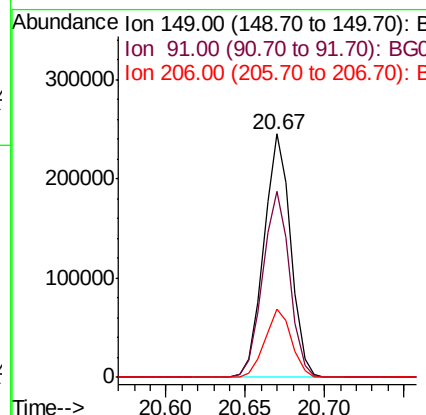
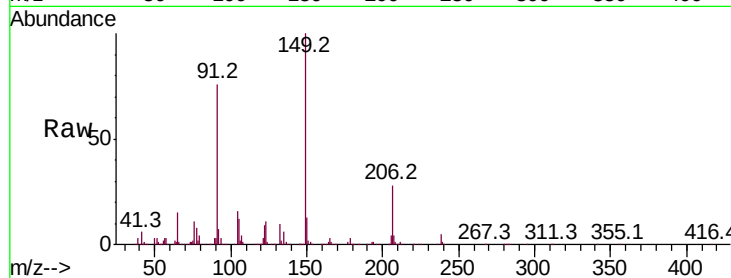




#79  
Butylbenzylphthalate  
Concen: 39.889 ng  
RT: 20.67 min Scan# 2959  
Delta R.T. -0.01 min  
Lab File: BG036253.D  
Acq: 10 Aug 2018 4:46

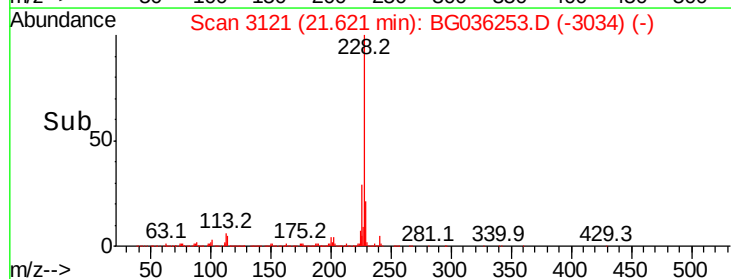
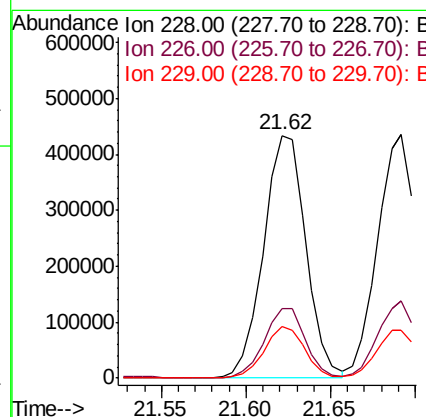
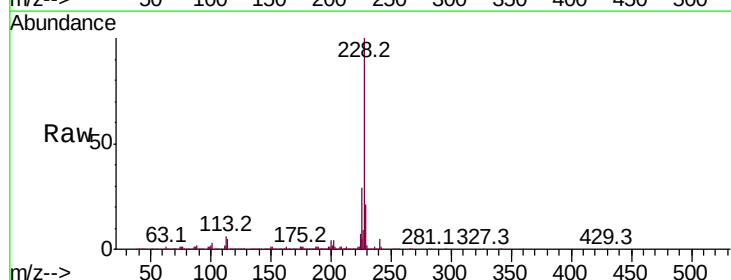
Instrument :  
BNA\_G  
ClientSampleId :

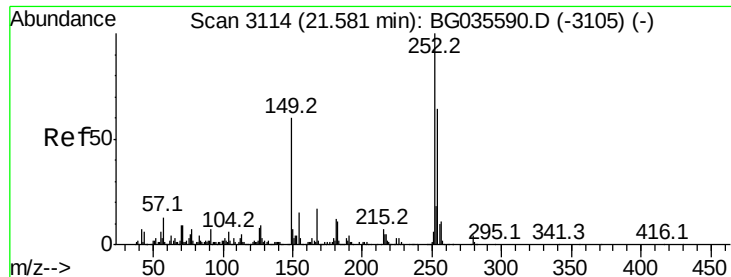
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 76.2  | 62.2  | 93.2  |
| 206     | 28.1  | 18.6  | 27.8  |



#80  
Benzo(a)anthracene  
Concen: 37.715 ng  
RT: 21.62 min Scan# 3121  
Delta R.T. -0.02 min  
Lab File: BG036253.D  
Acq: 10 Aug 2018 4:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.8  | 22.7  | 34.1  |
| 229     | 21.2  | 16.2  | 24.2  |

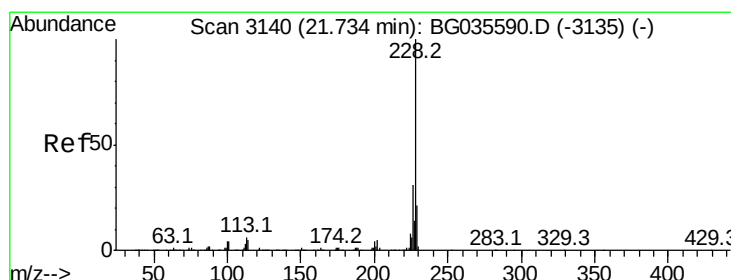
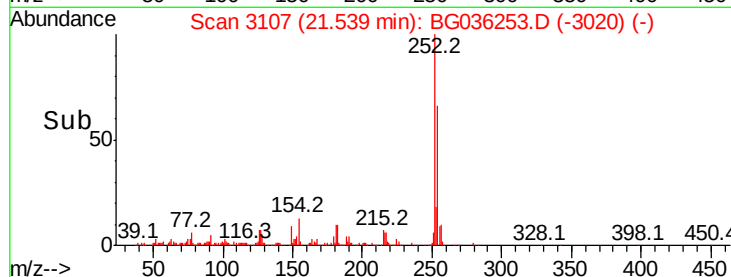
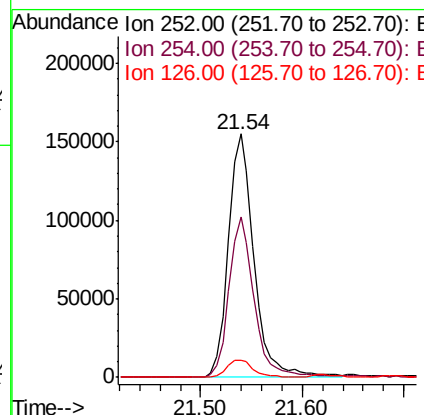
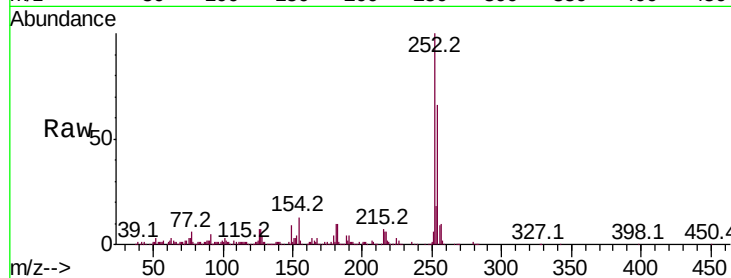




#81  
 3,3'-Dichlorobenzidine  
 Concen: 38.889 ng  
 RT: 21.54 min Scan# 3107  
 Delta R.T. -0.02 min  
 Lab File: BG036253.D  
 Acq: 10 Aug 2018 4:46

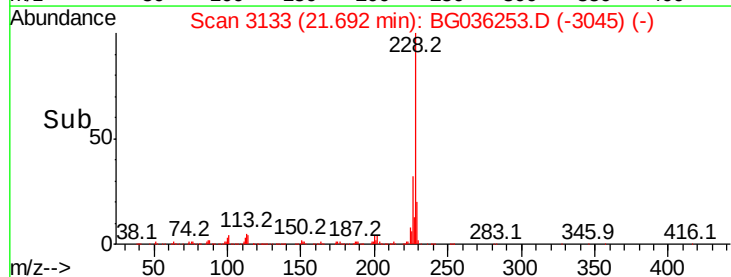
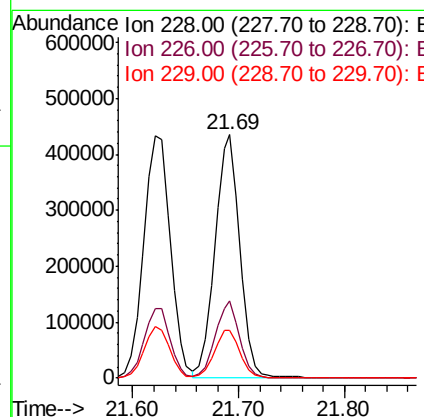
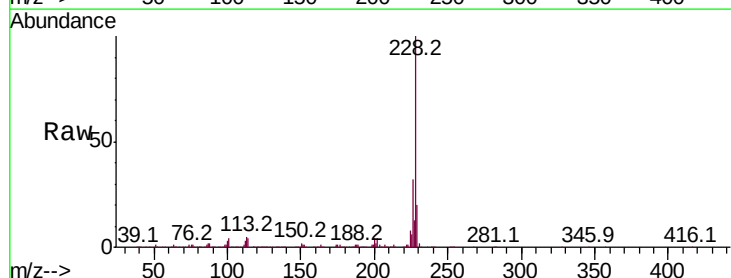
Instrument :  
 BNA\_G  
 ClientSampleId :

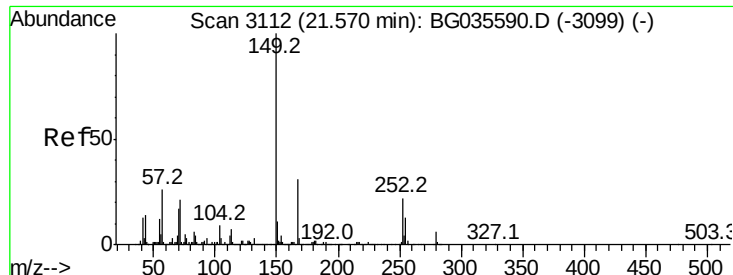
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.9  | 50.8  | 76.2  |
| 126     | 7.0   | 7.4   | 11.2# |



#82  
 Chrysene  
 Concen: 38.340 ng  
 RT: 21.69 min Scan# 3133  
 Delta R.T. -0.01 min  
 Lab File: BG036253.D  
 Acq: 10 Aug 2018 4:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.7  | 24.9  | 37.3  |
| 229     | 19.6  | 15.0  | 22.4  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.671 ng

RT: 21.52 min Scan# 3103

Delta R.T. -0.03 min

Lab File: BG036253.D

Acq: 10 Aug 2018 4:46

Instrument :

BNA\_G

ClientSampleId :

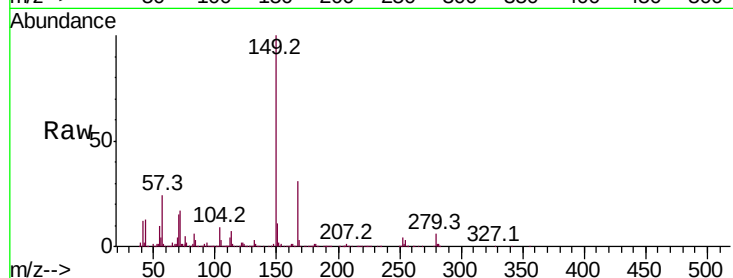
Tot Ion:149 Resp: 402267

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 31.1  | 24.3  | 36.5  |
| 279 | 5.9   | 4.0   | 6.0   |

149 100

167 31.1 24.3 36.5

279 5.9 4.0 6.0

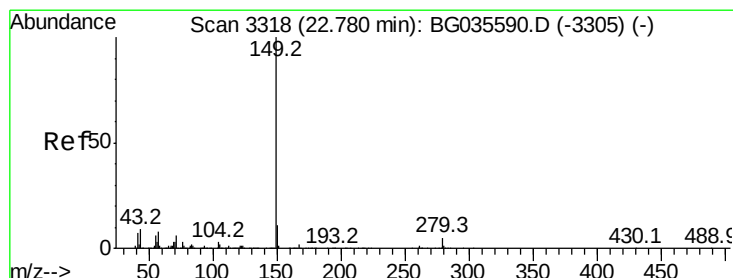
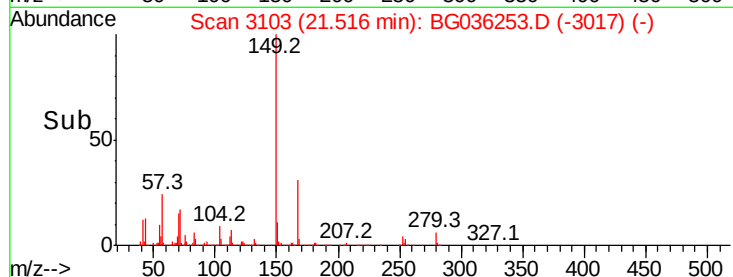
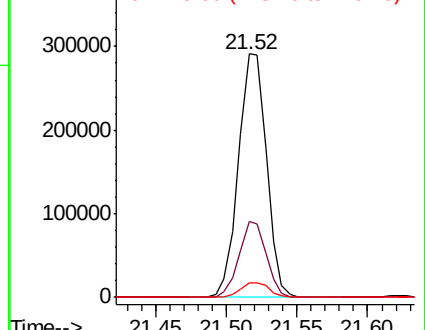


Abundance

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



#84

Di-n-octyl phthalate

Concen: 40.332 ng

RT: 22.71 min Scan# 3307

Delta R.T. -0.03 min

Lab File: BG036253.D

Acq: 10 Aug 2018 4:46

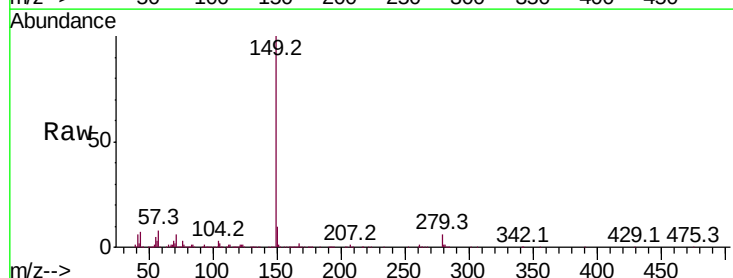
Tgt Ion:149 Resp: 667916

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 1.8   | 1.4   | 2.0   |
| 43  | 8.0   | 8.9   | 13.3# |

149 100

167 1.8 1.4 2.0

43 8.0 8.9 13.3#

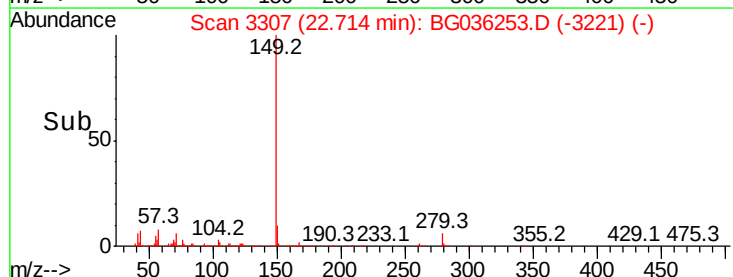
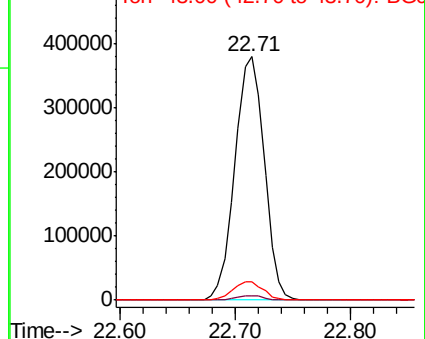


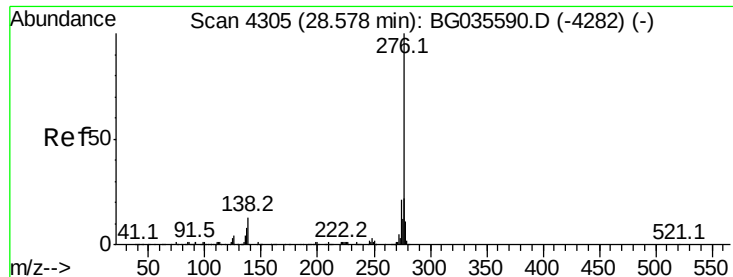
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

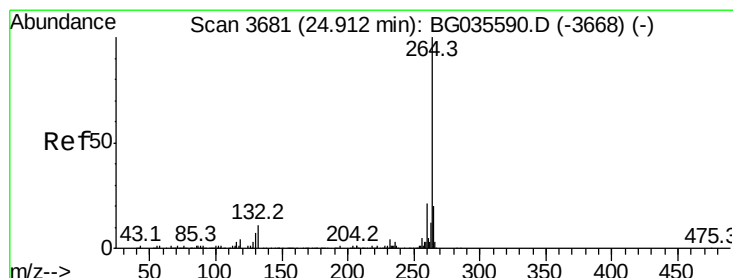
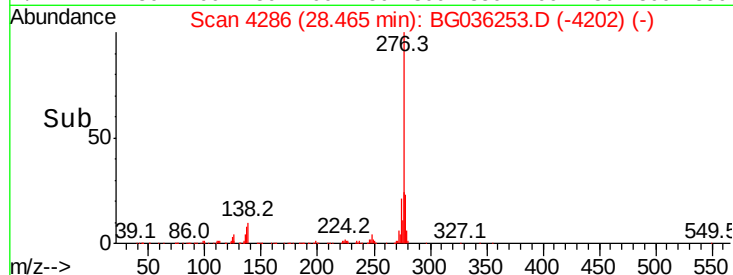
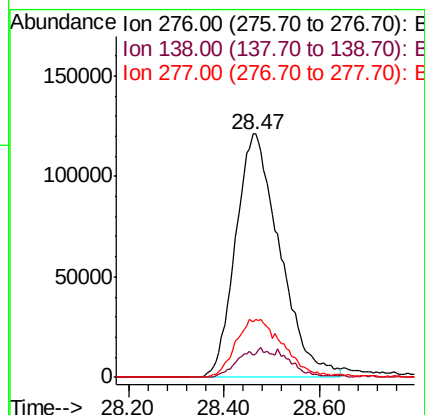
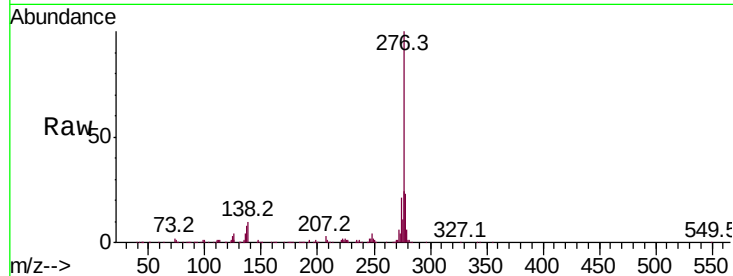




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 37.721 ng  
 RT: 28.47 min Scan# 4286  
 Delta R.T. -0.04 min  
 Lab File: BG036253.D  
 Acq: 10 Aug 2018 4:46

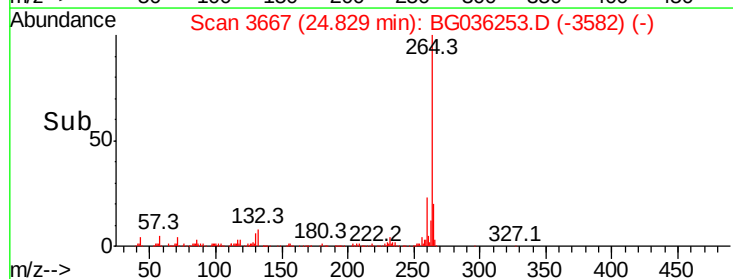
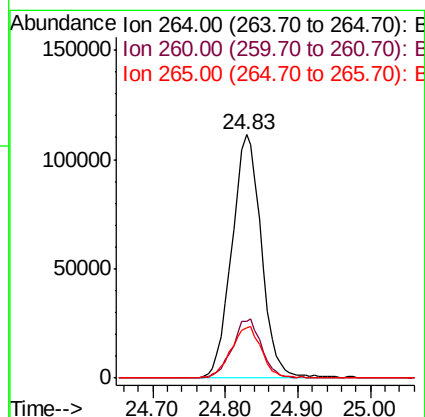
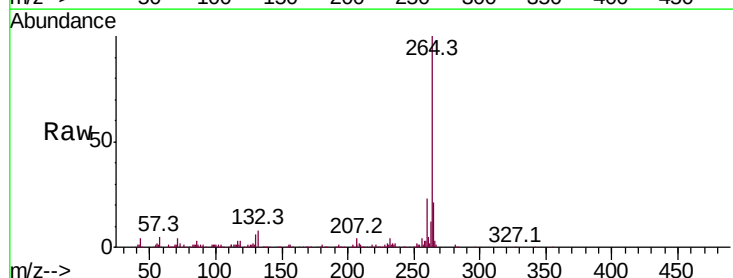
Instrument :  
 BNA\_G  
 ClientSampleId :

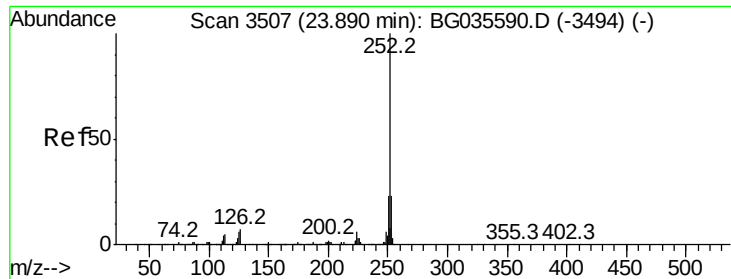
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 4.4   | 16.0  | 24.0# |
| 277     | 25.6  | 20.0  | 30.0  |



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.83 min Scan# 3667  
 Delta R.T. -0.03 min  
 Lab File: BG036253.D  
 Acq: 10 Aug 2018 4:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.5  | 17.4  | 26.0  |
| 265     | 20.6  | 17.7  | 26.5  |





#87

Benzo(b)fluoranthene

Concen: 37.159 ng

RT: 23.82 min Scan# 3495

Delta R.T. -0.03 min

Lab File: BG036253.D

Acq: 10 Aug 2018 4:46

Instrument :

BNA\_G

ClientSampleId :

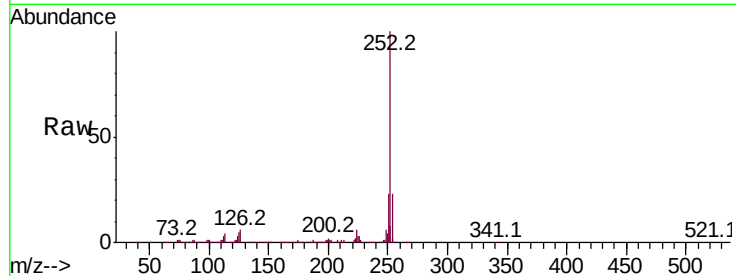
Tot Ion:252 Resp: 711492

Ion Ratio Lower Upper

252 100

253 23.3 18.2 27.4

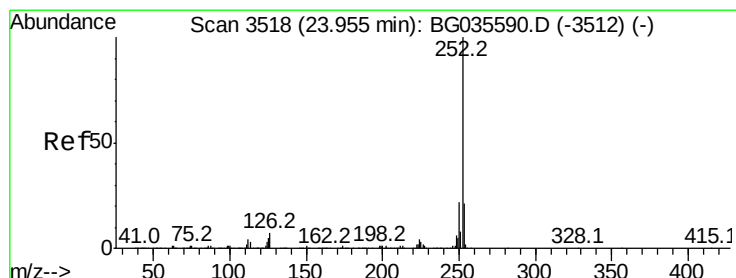
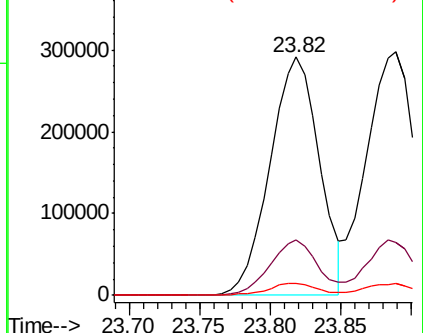
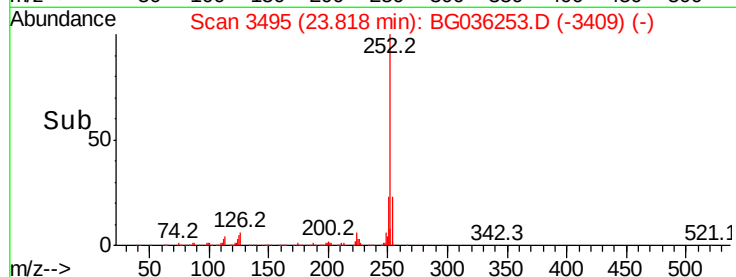
125 5.0 7.2 10.8#



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



#88

Benzo(k)fluoranthene

Concen: 38.789 ng

RT: 23.89 min Scan# 3507

Delta R.T. -0.02 min

Lab File: BG036253.D

Acq: 10 Aug 2018 4:46

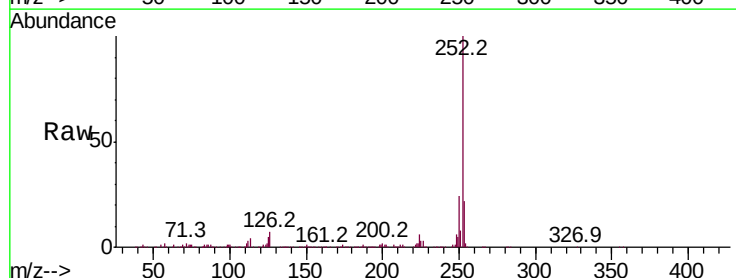
Tgt Ion:252 Resp: 726104

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

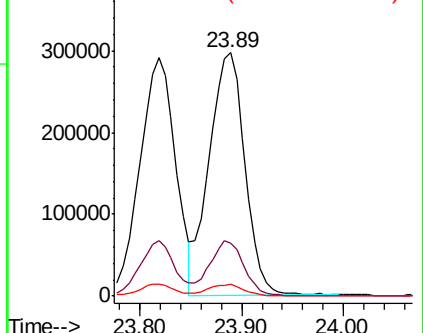
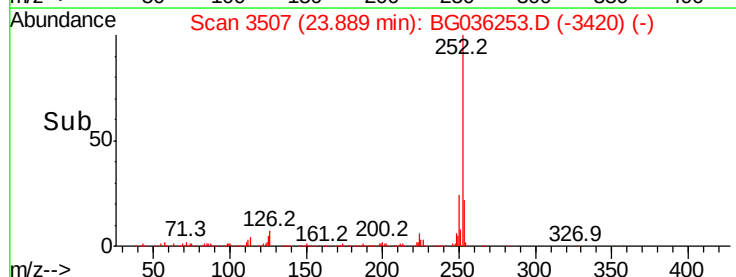
125 4.9 6.6 9.8#



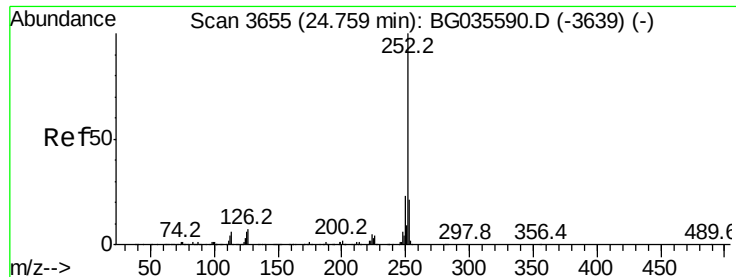
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E







#89

Benzo(a)pyrene

Concen: 38.500 ng

RT: 24.68 min Scan# 3642

Delta R.T. -0.03 min

Lab File: BG036253.D

Acq: 10 Aug 2018 4:46

Instrument :

BNA\_G

ClientSampleId :

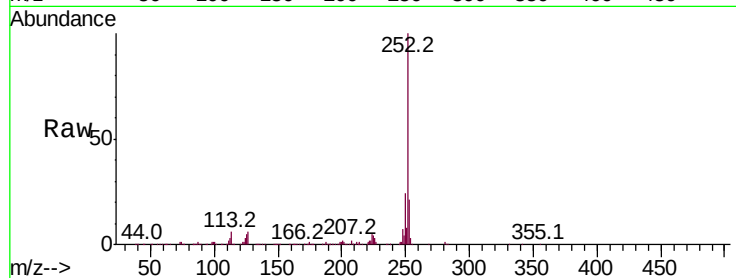
Tot Ion:252 Resp: 685820

Ion Ratio Lower Upper

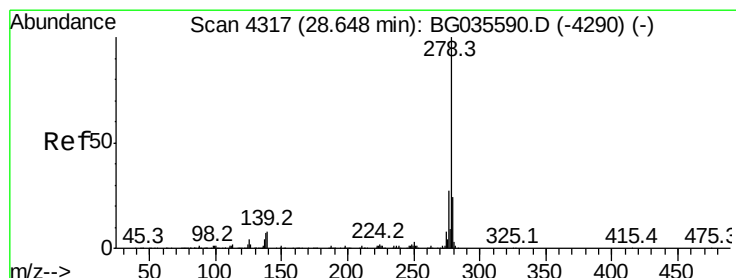
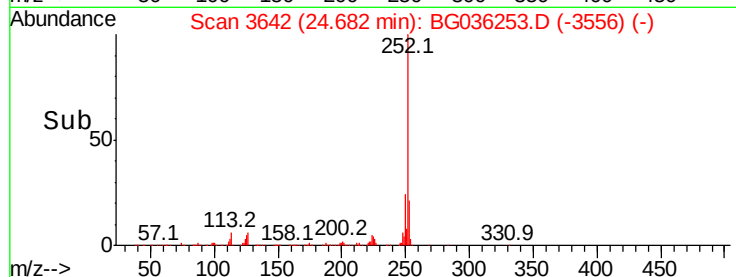
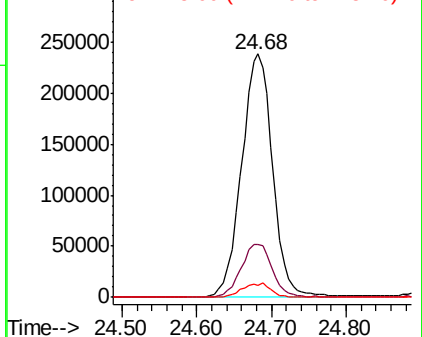
252 100

253 21.5 18.3 27.5

125 5.0 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.572 ng

RT: 28.52 min Scan# 4296

Delta R.T. -0.04 min

Lab File: BG036253.D

Acq: 10 Aug 2018 4:46

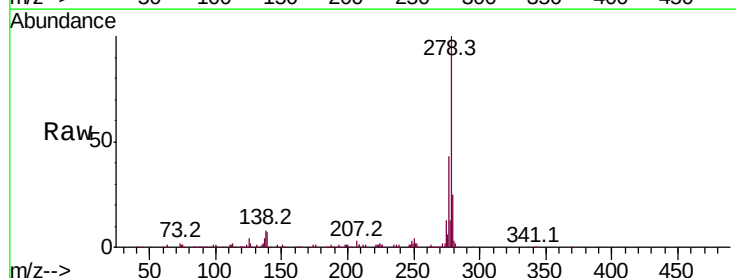
Tgt Ion:278 Resp: 657057

Ion Ratio Lower Upper

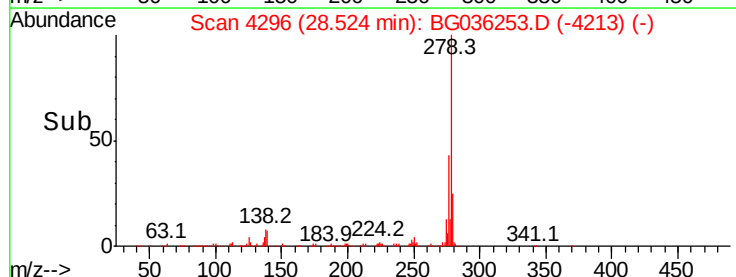
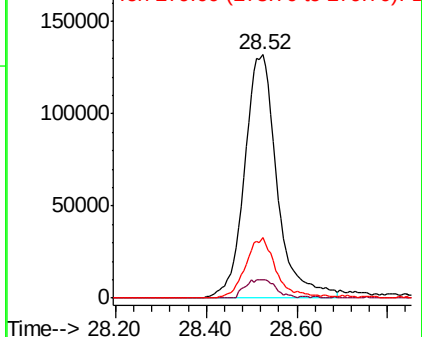
278 100

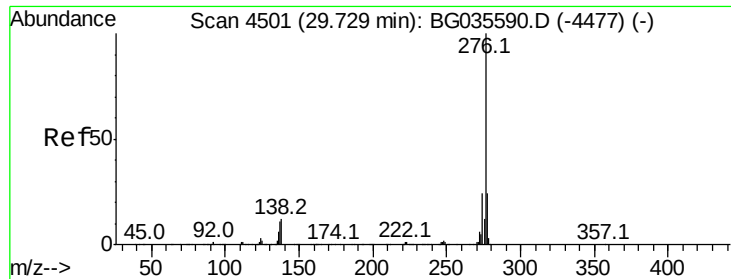
139 7.4 9.8 14.6#

279 24.7 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E

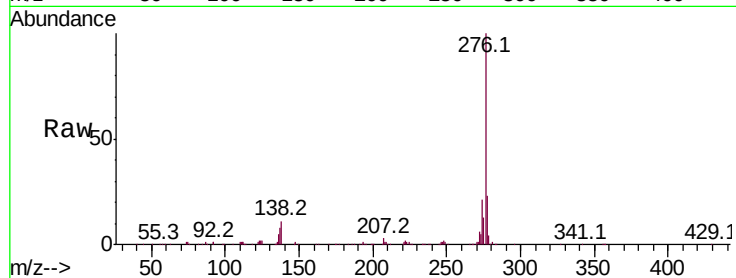




#91  
 Benzo(a,h,i)perylene  
 Concen: 37.900 ng  
 RT: 29.60 min Scan# 4479  
 Delta R.T. -0.04 min  
 Lab File: BG036253.D  
 Acq: 10 Aug 2018 4:46

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.2  | 18.3  | 27.5  |
| 138     | 10.6  | 13.9  | 20.9  |



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

